

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047371.D
 Acq On : 18 Aug 2025 10:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/19/2025
 Supervised By : Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 01:36:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	269622	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	444434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	190181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186066	49.309	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.620%		
35) Dibromofluoromethane	5.397	113	149242	51.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.480%		
50) Toluene-d8	8.647	98	510697	49.536	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.080%		
62) 4-Bromofluorobenzene	11.079	95	188302	49.495	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	183604	53.419	ug/l	99
3) Chloromethane	1.307	50	172140	55.674	ug/l	98
4) Vinyl Chloride	1.392	62	193962	49.979	ug/l	89
5) Bromomethane	1.624	94	66879	42.665	ug/l	94
6) Chloroethane	1.703	64	121687	51.248	ug/l	92
7) Trichlorofluoromethane	1.904	101	285927	49.809	ug/l	99
8) Diethyl Ether	2.148	74	98695	48.828	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	170115	51.087	ug/l	98
10) Methyl Iodide	2.471	142	230213	40.343	ug/l	97
11) Tert butyl alcohol	2.959	59	79871	243.310	ug/l	99
12) 1,1-Dichloroethene	2.337	96	166109	48.931	ug/l	100
13) Acrolein	2.245	56	97377	140.523	ug/l	100
14) Allyl chloride	2.678	41	273602	46.403	ug/l	97
15) Acrylonitrile	3.081	53	391108	246.561	ug/l	100
16) Acetone	2.392	43	342152	241.230	ug/l	98
17) Carbon Disulfide	2.526	76	515723	50.344	ug/l	99
18) Methyl Acetate	2.715	43	181273	49.319	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	496038	48.031	ug/l	99
20) Methylene Chloride	2.800	84	177230	47.188	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	170589	47.345	ug/l	98
22) Diisopropyl ether	3.769	45	566100	48.571	ug/l	96
23) Vinyl Acetate	3.733	43	2308563	241.659	ug/l	100
24) 1,1-Dichloroethane	3.623	63	317338	48.171	ug/l	98
25) 2-Butanone	4.562	43	445204	239.666	ug/l	99
26) 2,2-Dichloropropane	4.489	77	233509	46.963	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	195846	46.668	ug/l	99
28) Bromochloromethane	4.903	49	144569	52.737	ug/l	98
29) Tetrahydrofuran	5.019	42	275691	229.620	ug/l	99
30) Chloroform	5.099	83	315459	46.921	ug/l	96
31) Cyclohexane	5.477	56	280615	46.209	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	276215	47.731	ug/l	99
36) 1,1-Dichloropropene	5.702	75	216239	47.491	ug/l	98
37) Ethyl Acetate	4.714	43	232054	49.091	ug/l	98
38) Carbon Tetrachloride	5.684	117	243389	48.915	ug/l	98
39) Methylcyclohexane	7.385	83	268330	47.245	ug/l	95
40) Benzene	6.043	78	653043	47.917	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	95846	48.083	ug/l	96
42) 1,2-Dichloroethane	6.092	62	228939	47.424	ug/l	99
43) Isopropyl Acetate	6.342	43	323127	47.583	ug/l	100
44) Trichloroethene	7.129	130	162678	46.616	ug/l	100
45) 1,2-Dichloropropane	7.433	63	163590	47.913	ug/l	99
46) Dibromomethane	7.580	93	117704	47.485	ug/l	99
47) Bromodichloromethane	7.824	83	247713	48.205	ug/l	99
48) Methyl methacrylate	7.696	41	166270	47.171	ug/l	99
49) 1,4-Dioxane	7.683	88	34744	1013.952	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	952145	243.653	ug/l	98
52) Toluene	8.720	92	400051	47.503	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	221043	49.287	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	244614	48.187	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	151070	47.246	ug/l	97
56) Ethyl methacrylate	9.116	69	224978	47.723	ug/l	99
57) 1,3-Dichloropropane	9.305	76	255427	46.880	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	514434	229.244	ug/l	99
59) 2-Hexanone	9.427	43	643715	238.139	ug/l	100
60) Dibromochloromethane	9.518	129	180536	47.510	ug/l	98
61) 1,2-Dibromoethane	9.610	107	152751	46.327	ug/l	99
64) Tetrachloroethene	9.275	164	135984	48.259	ug/l	99
65) Chlorobenzene	10.079	112	439867	47.514	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	151414	48.384	ug/l	99
67) Ethyl Benzene	10.189	91	766794	48.124	ug/l	100
68) m/p-Xylenes	10.299	106	572388	96.341	ug/l	99
69) o-Xylene	10.640	106	275968	48.267	ug/l	99
70) Styrene	10.652	104	478038	49.483	ug/l	100
71) Bromoform	10.799	173	115849	49.276	ug/l #	99
73) Isopropylbenzene	10.957	105	723706	48.628	ug/l	99
74) N-amyl acetate	10.841	43	278569	49.291	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	209247	47.887	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	162113m	46.476	ug/l	
77) Bromobenzene	11.195	156	171756	47.261	ug/l	98
78) n-propylbenzene	11.299	91	869019	48.892	ug/l	100
79) 2-Chlorotoluene	11.360	91	503902	46.898	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	590722	48.241	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24594	33.692	ug/l	99
82) 4-Chlorotoluene	11.451	91	597497	47.174	ug/l	100
83) tert-Butylbenzene	11.713	119	596984	48.866	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	592440	48.380	ug/l	100
85) sec-Butylbenzene	11.890	105	735112	48.547	ug/l	100
86) p-Isopropyltoluene	12.006	119	618942	48.304	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	325052	46.819	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	326917	45.783	ug/l	99
89) n-Butylbenzene	12.329	91	569584	47.792	ug/l	100
90) Hexachloroethane	12.536	117	108936	48.462	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	311081	47.206	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39921	47.241	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	202922	45.933	ug/l	99
94) Hexachlorobutadiene	13.719	225	65173	41.446	ug/l	99
95) Naphthalene	13.774	128	605337	47.948	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	195721	47.001	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

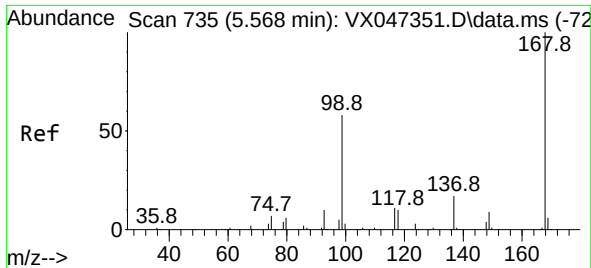
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

Abundance

TIC: VX047371.D\data.ms

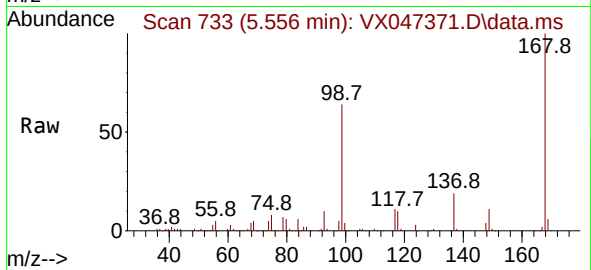
Time-->

Chlorodifluoromethane, T
Chloromethane, T
Benzonitrile, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
1,2-Trichloroethane, T
Methyl isobutyl Disulfide, T
Methyl acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
Methyl isobutyl ether, T
1,1-Dichloroethane, T
Diisopropyl ether, T
Vinyl Acetate, T
2-Butanone, T
cis-1,2-Dichloroethane, T
Ethyl Acetate, T
Methyl isobutyl ether, T
Chloroform, T
Pentachlorobenzene, T
Cis-1,2-Dichloroethane, T
1,2-Dichloroethane-d4, T
1,2-Dichloroethane, T
Isopropyl Acetate, T
1,4-Difluorobenzene, T
Trichloroethene, TM
1,2-Dichloropropane, T
Methyl isobutyl ether, T
Bromochloromethane, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanone, T
Toluene, CM
t-1,3-Dichloropropane, T
Ethyl isobutyl ether, T
1,3-Dichloropropane, T
1,2-Dichloropropane, T
1,2-Dibromopropane, T
Chlorobenzene, PM
1,1,2-Tetrachloroethane, T
1,1,2-Trichloroethane, T
N-amyl acetate, T
Styrene, T
Isopropylbenzene, T
4-Bromofluorobenzene, T
1,2,3-Trichlorobenzene, T
1,2,3-Trichlorobenzene, T
1,2,4-Trichlorobenzene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,4-Dichlorobenzene, T
1,3-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
Hexachlorobutadiene, T
1,2,4-Trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX047371.D
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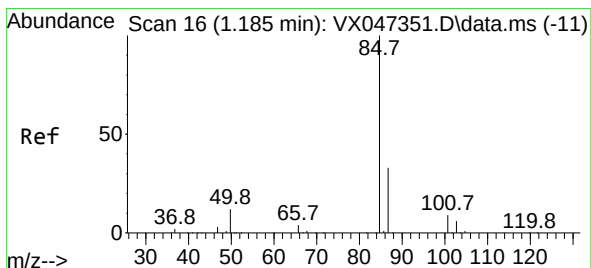
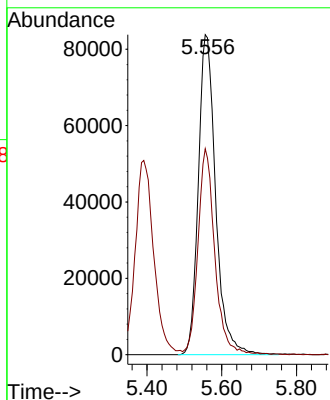
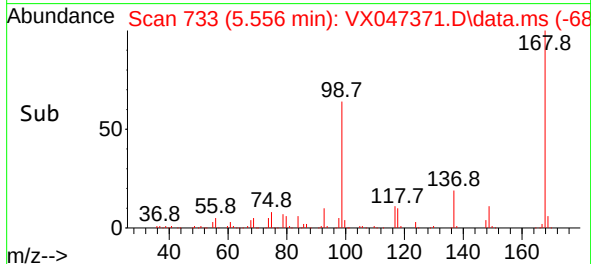
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 26962
Ion Ratio Lower Upper
168 100
99 64.2 47.9 71.9

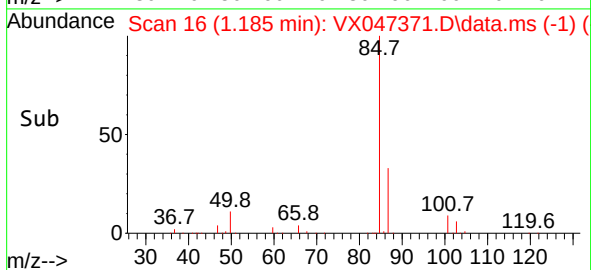
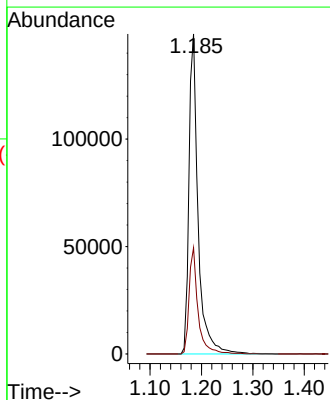
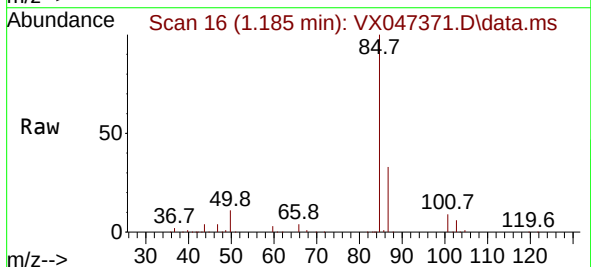
Manual Integrations
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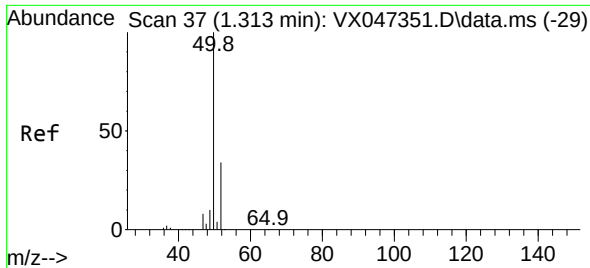
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#2
Dichlorodifluoromethane
Concen: 53.419 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 85 Resp: 183604
Ion Ratio Lower Upper
85 100
87 33.2 16.4 49.1





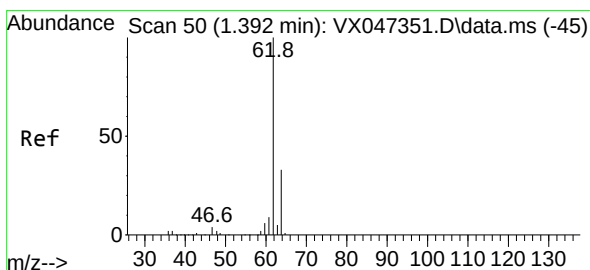
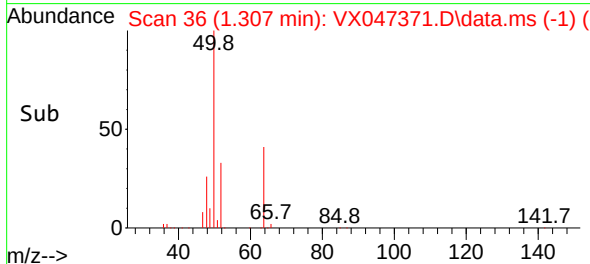
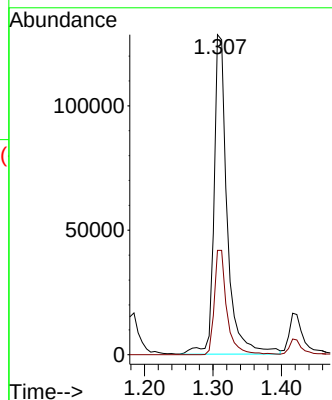
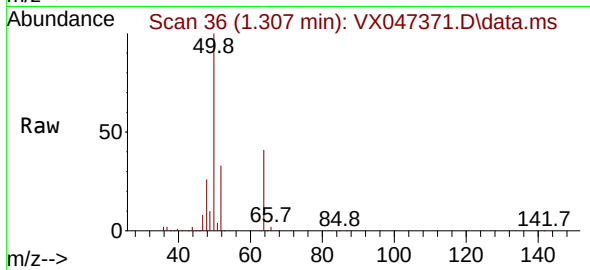
#3
Chloromethane
Concen: 55.674 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 172140
Ion Ratio Lower Upper
50 100
52 32.7 27.0 40.4

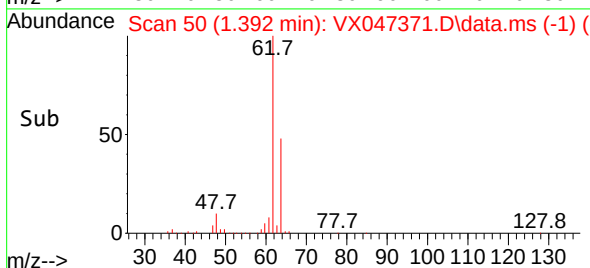
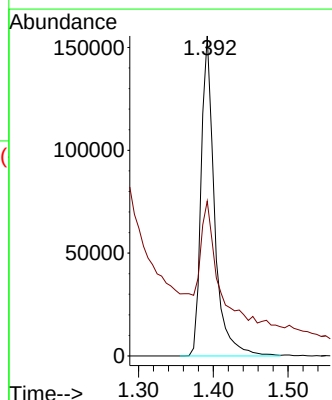
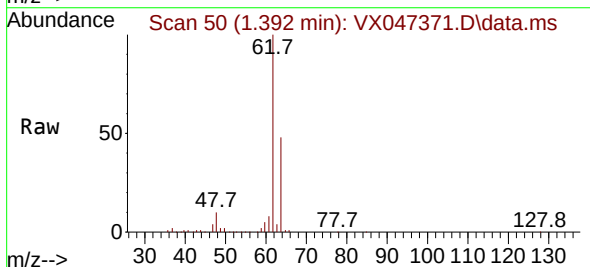
Manual Integrations
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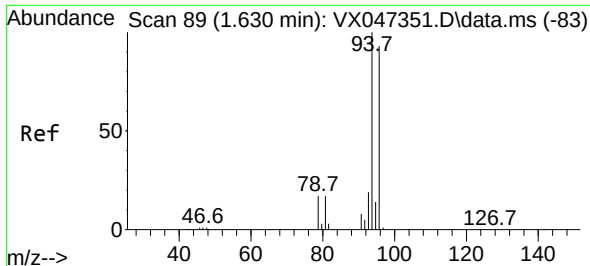
Reviewed By :John Carlone 08/19/2025
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#4
Vinyl Chloride
Concen: 49.979 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 62 Resp: 193962
Ion Ratio Lower Upper
62 100
64 39.3 26.5 39.7





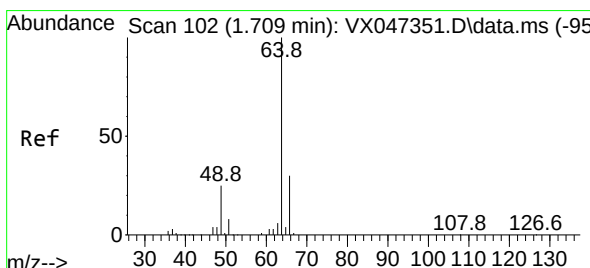
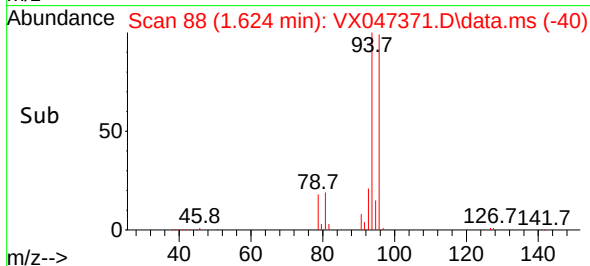
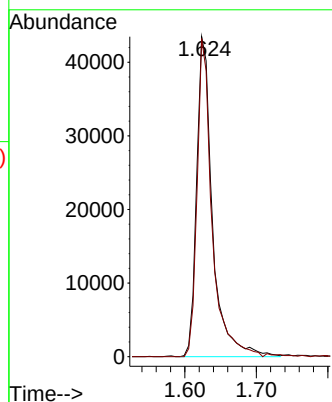
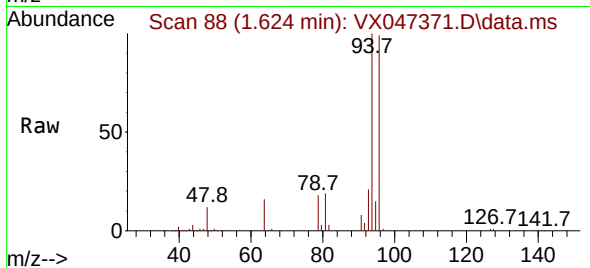
#5
Bromomethane
Concen: 42.665 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 66879
Ion Ratio Lower Upper
94 100
96 99.4 74.7 112.1

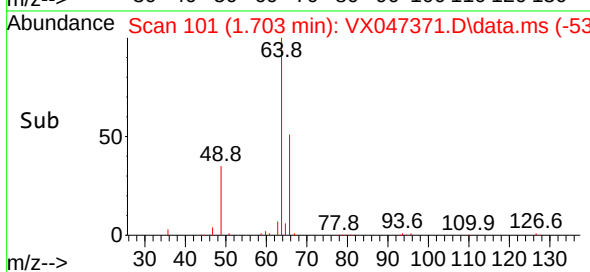
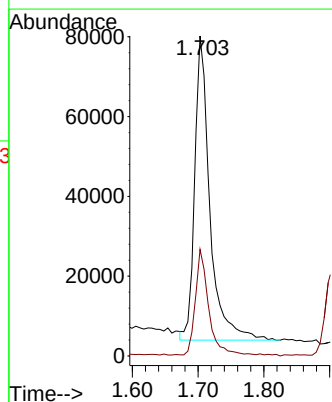
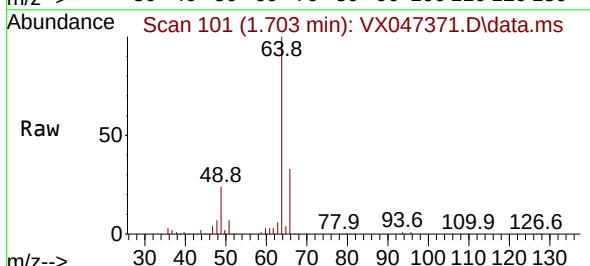
Manual Integrations
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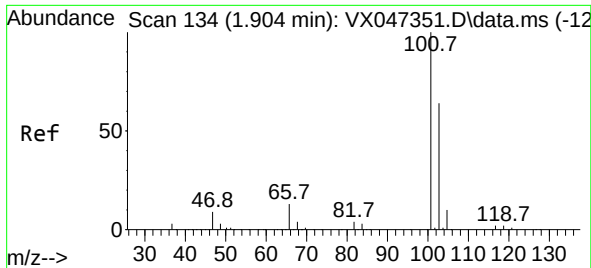
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#6
Chloroethane
Concen: 51.248 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

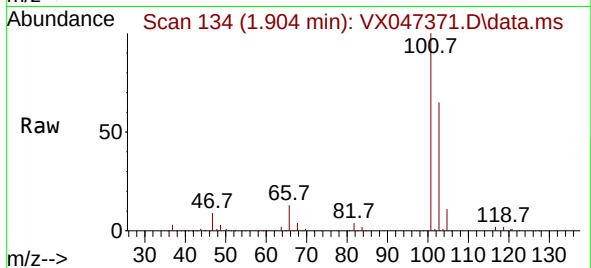
Tgt Ion: 64 Resp: 121687
Ion Ratio Lower Upper
64 100
66 35.1 24.4 36.6





#7
Trichlorofluoromethane
Concen: 49.809 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

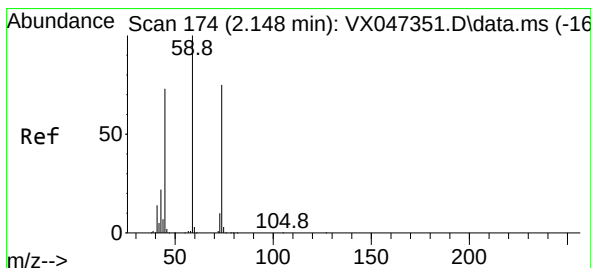
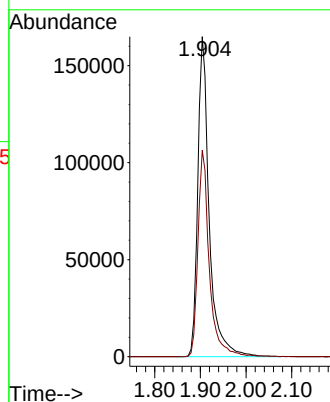
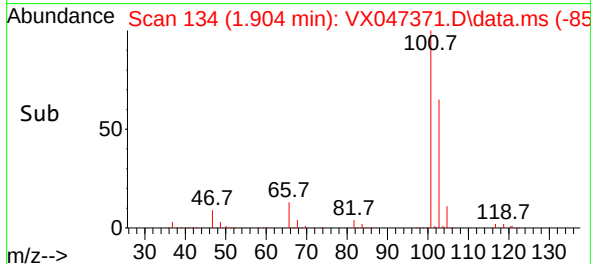
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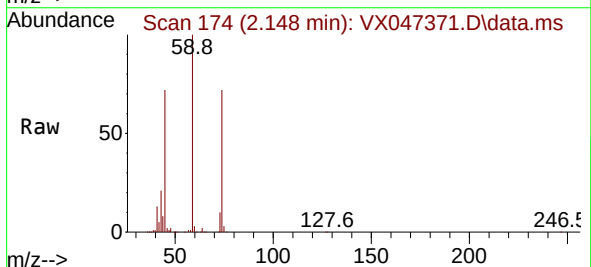
Tgt Ion:101 Resp: 28592
Ion Ratio Lower Upper
101 100
103 64.5 50.9 76.3

Manual Integrations
APPROVED

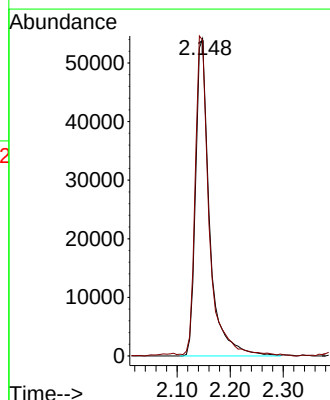
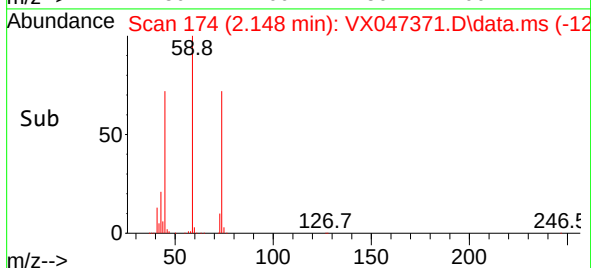
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

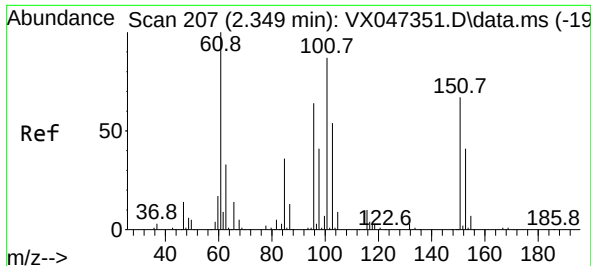


#8
Diethyl Ether
Concen: 48.828 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00



Tgt Ion: 74 Resp: 98695
Ion Ratio Lower Upper
74 100
45 99.9 51.3 154.0





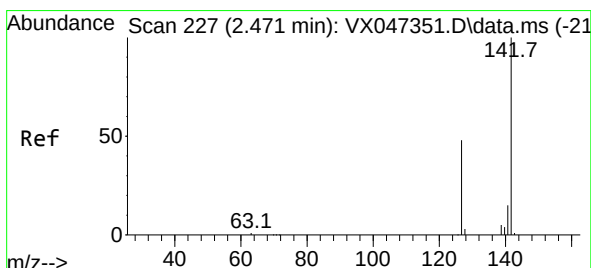
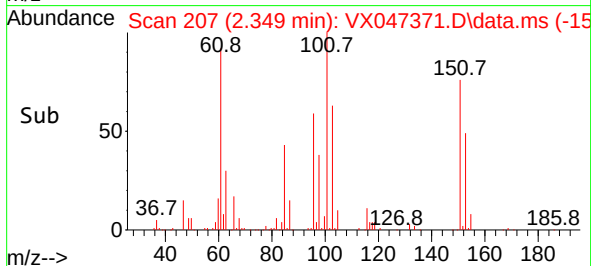
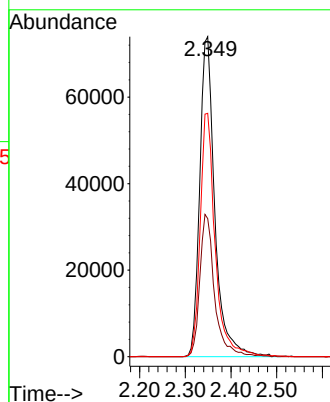
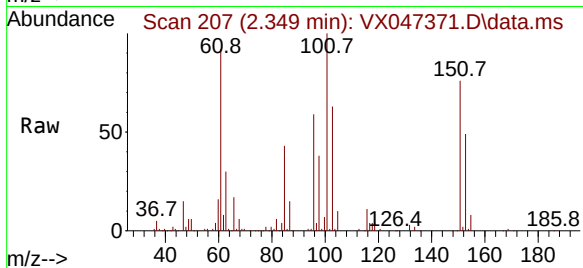
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.087 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 170115
Ion Ratio Lower Upper
101 100
85 43.7 34.3 51.5
151 75.8 59.2 88.8

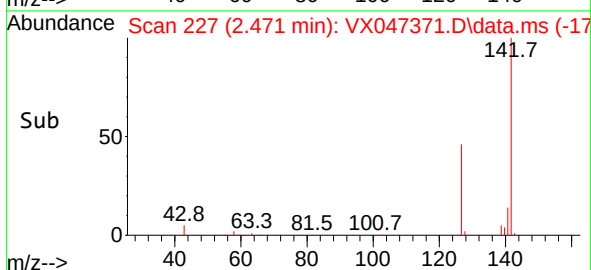
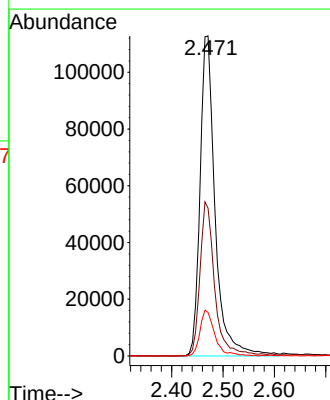
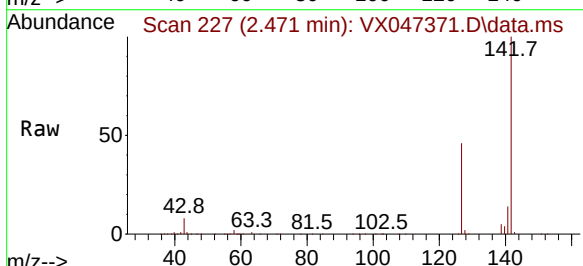
Manual Integrations
APPROVED

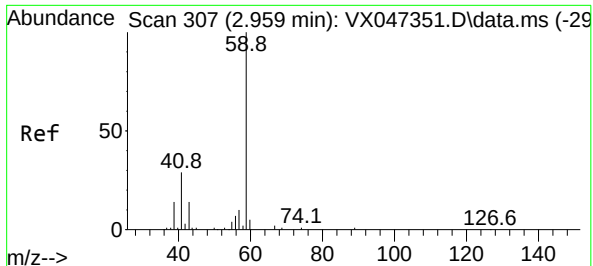
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#10
Methyl Iodide
Concen: 40.343 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:142 Resp: 230213
Ion Ratio Lower Upper
142 100
127 47.2 36.1 54.1
141 14.1 11.1 16.7





#11

Tert butyl alcohol

Concen: 243.310 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 7987

Ion Ratio Lower Upper

59 100

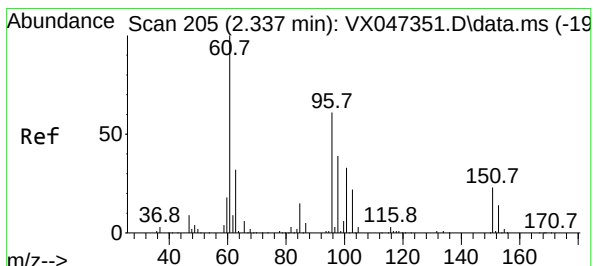
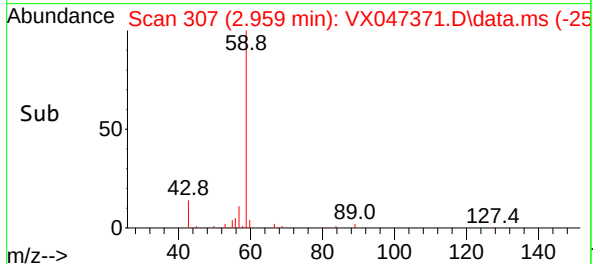
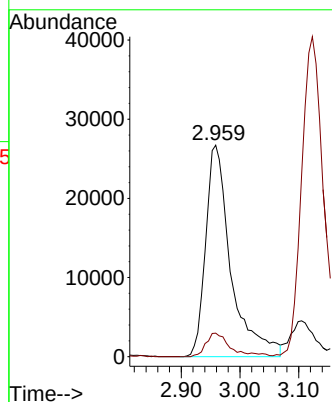
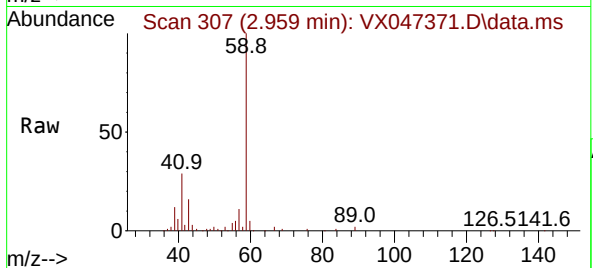
57 9.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#12

1,1-Dichloroethene

Concen: 48.931 ug/l

RT: 2.337 min Scan# 205

Delta R.T. 0.000 min

Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

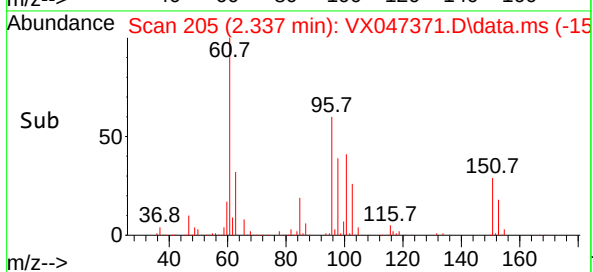
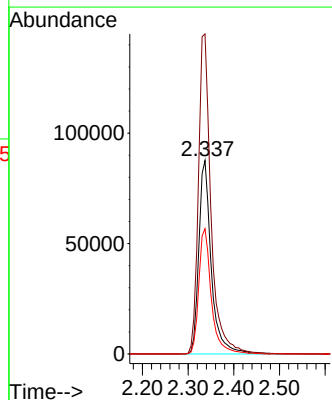
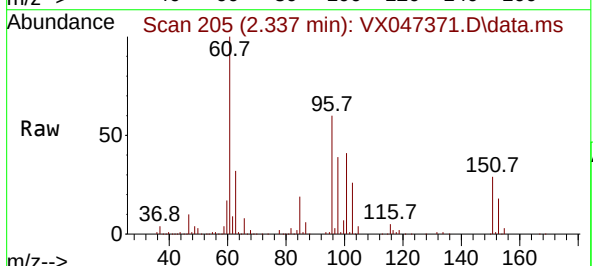
Tgt Ion: 96 Resp: 166109

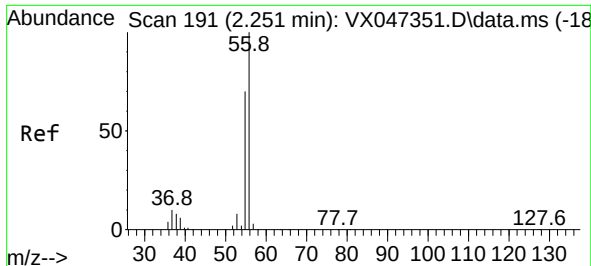
Ion Ratio Lower Upper

96 100

61 165.5 132.2 198.2

98 64.8 51.2 76.8





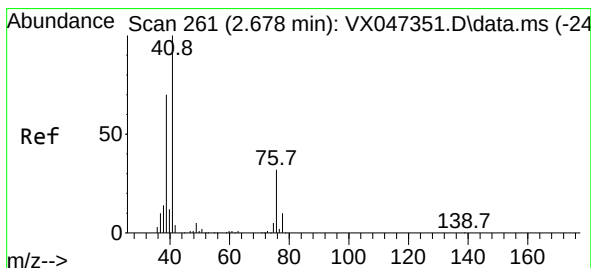
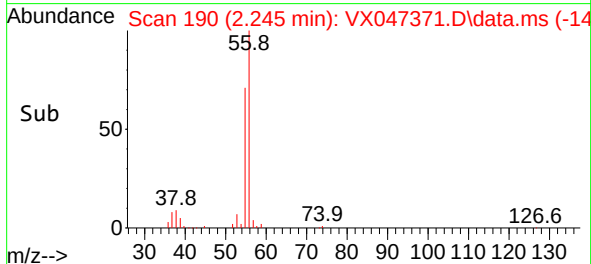
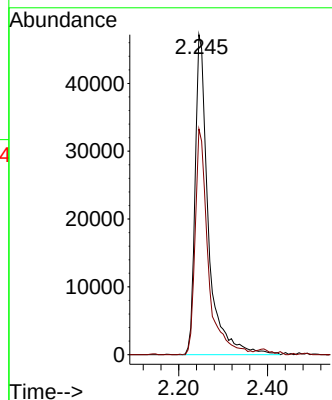
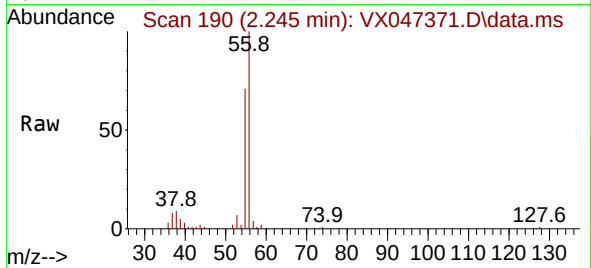
#13
Acrolein
Concen: 140.523 ug/l
RT: 2.245 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 9737
Ion Ratio Lower Upper
56 100
55 69.6 55.5 83.3

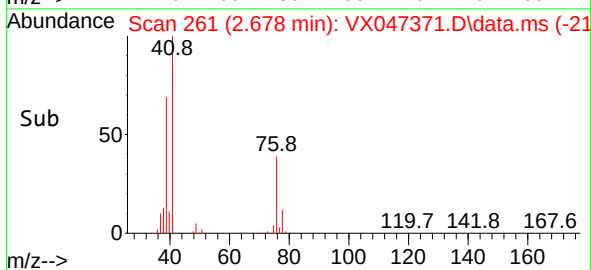
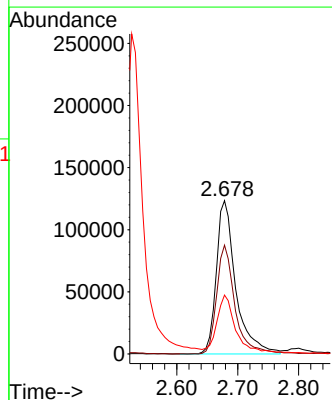
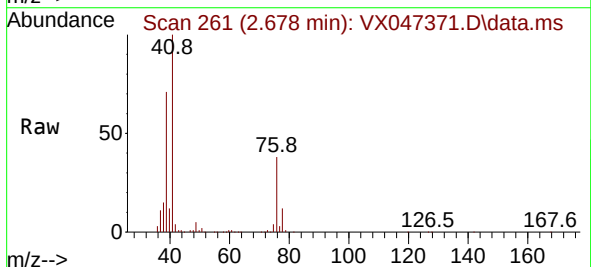
Manual Integrations
APPROVED

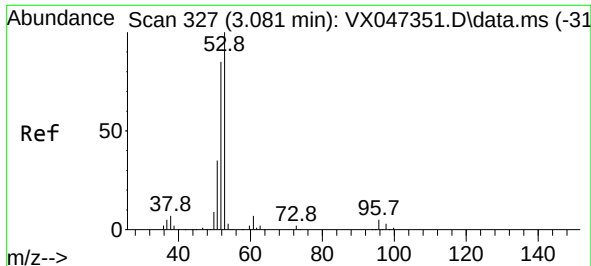
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#14
Allyl chloride
Concen: 46.403 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

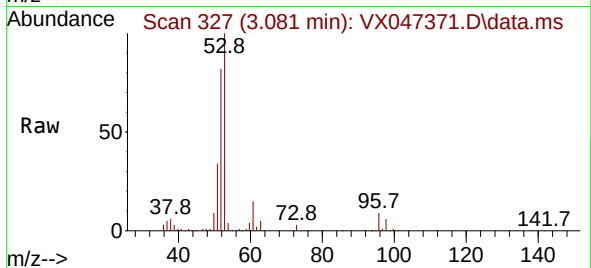
Tgt Ion: 41 Resp: 273602
Ion Ratio Lower Upper
41 100
39 67.0 54.6 81.8
76 37.7 27.6 41.4





#15
Acrylonitrile
Concen: 246.561 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

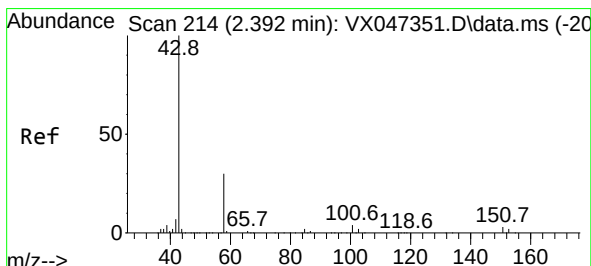
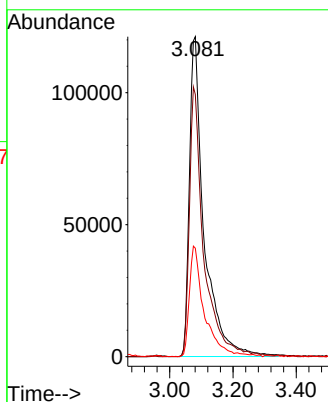
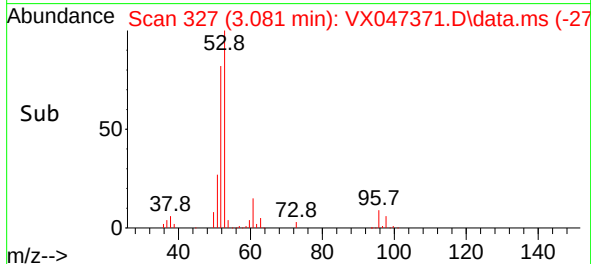
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



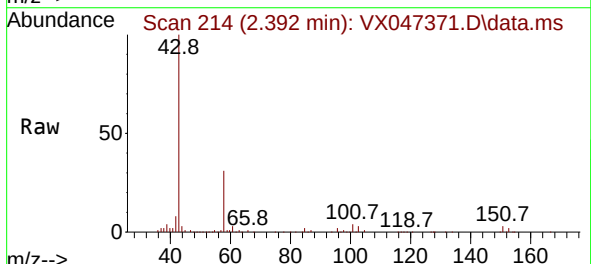
Tgt Ion: 53 Resp: 391108
Ion Ratio Lower Upper
53 100
52 82.4 65.8 98.6
51 35.5 28.2 42.2

Manual Integrations
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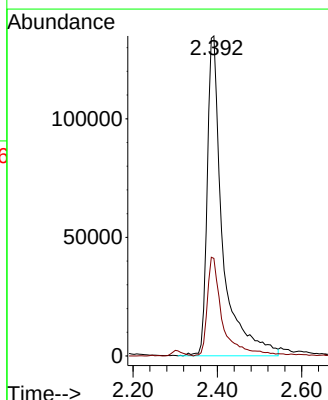
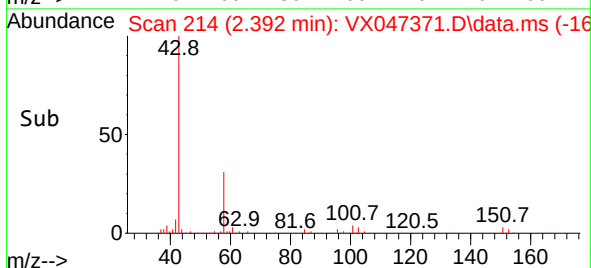
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

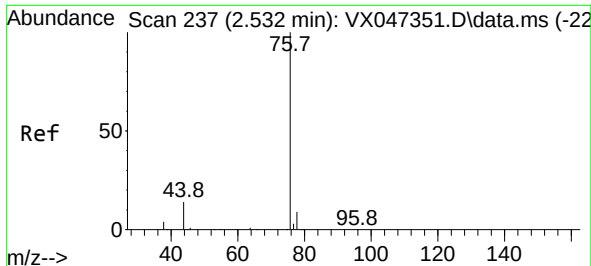


#16
Acetone
Concen: 241.230 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00



Tgt Ion: 43 Resp: 342152
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2





#17

Carbon Disulfide

Concen: 50.344 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 51572

Ion Ratio Lower Upper

76 100

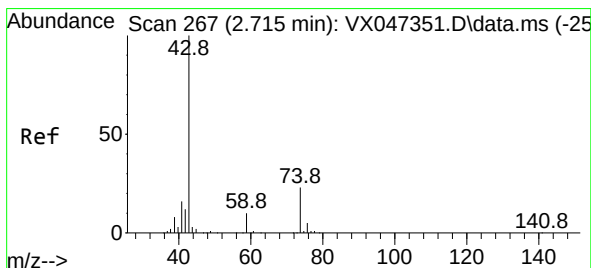
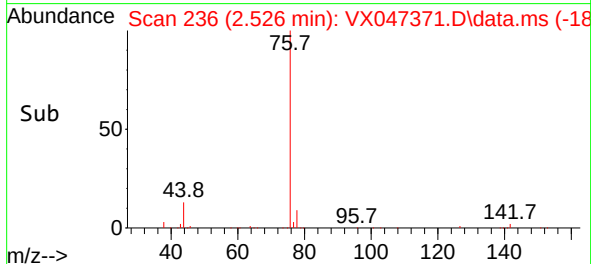
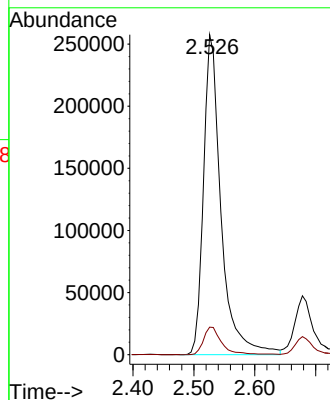
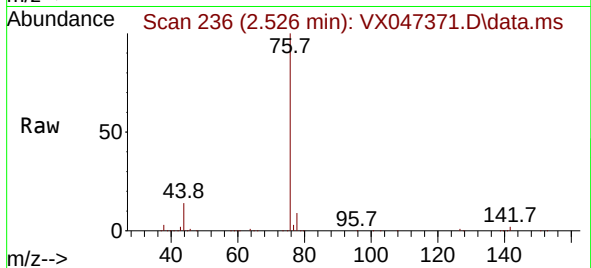
78 8.6 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#18

Methyl Acetate

Concen: 49.319 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.000 min

Lab File: VX047371.D

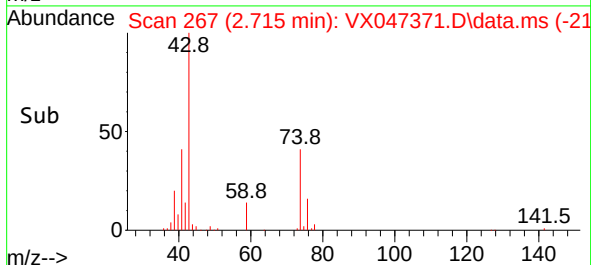
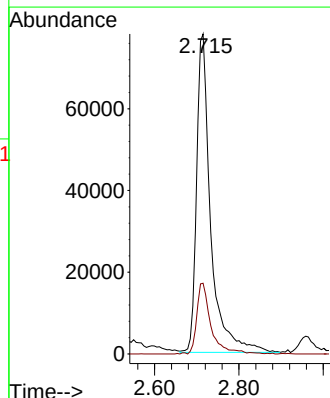
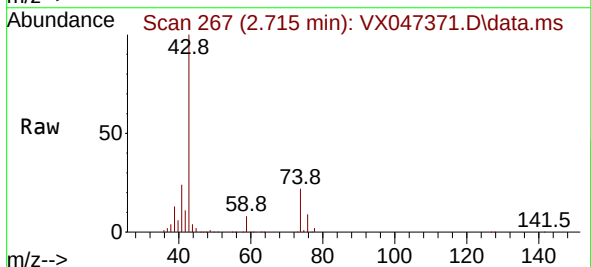
Acq: 18 Aug 2025 10:00

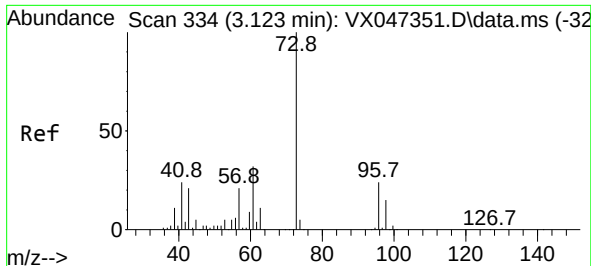
Tgt Ion: 43 Resp: 181273

Ion Ratio Lower Upper

43 100

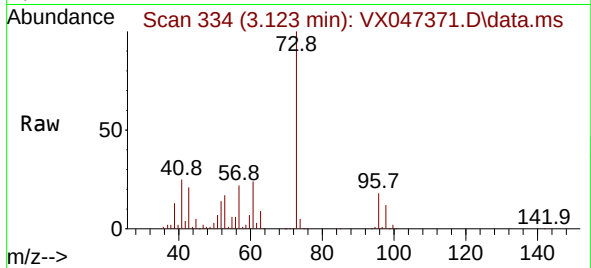
74 22.6 18.4 27.6





#19
Methyl tert-butyl Ether
Concen: 48.031 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

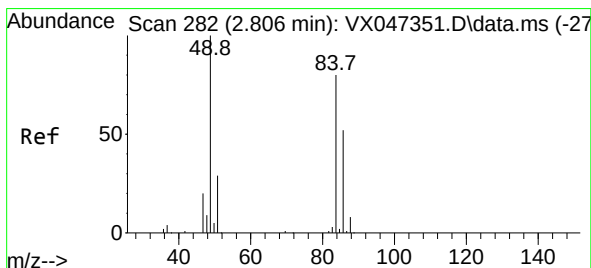
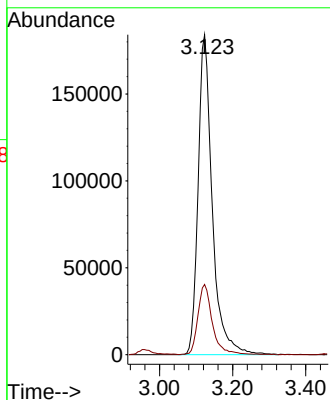
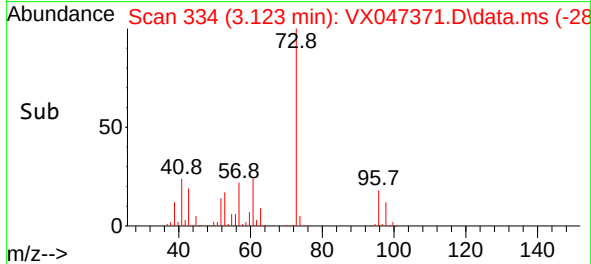
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



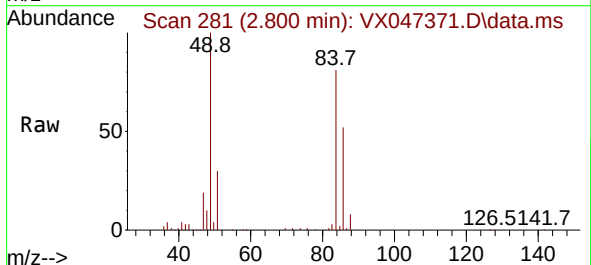
Tgt Ion: 73 Resp: 496038
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.6

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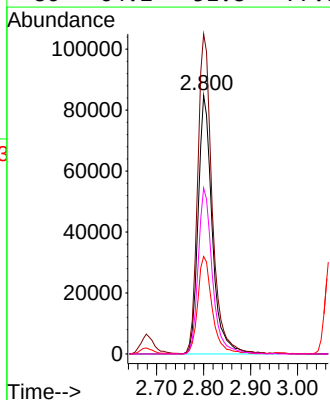
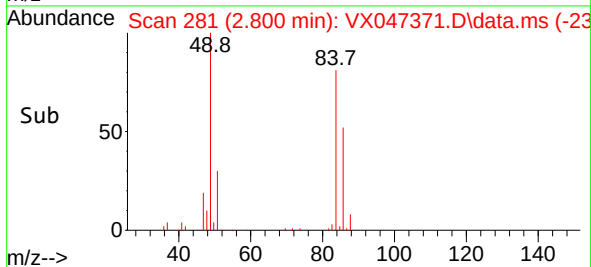
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

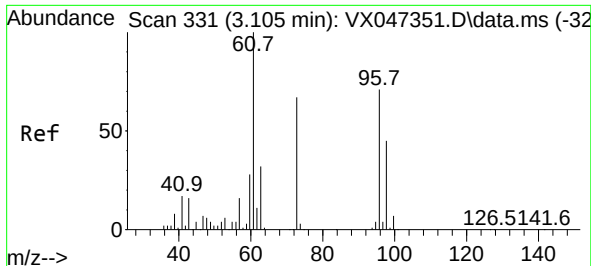


#20
Methylene Chloride
Concen: 47.188 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00



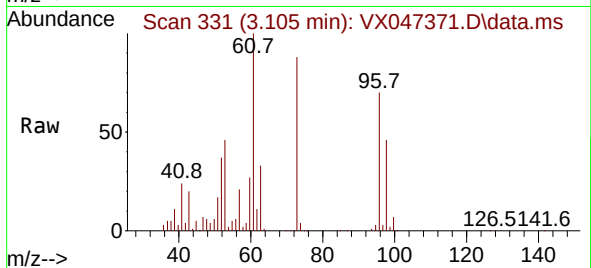
Tgt Ion: 84 Resp: 177230
Ion Ratio Lower Upper
84 100
49 123.5 100.1 150.1
51 37.6 29.5 44.3
86 64.2 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 47.345 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

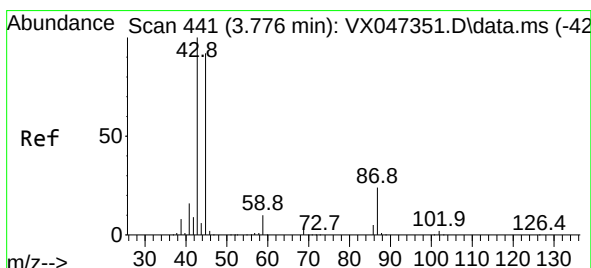
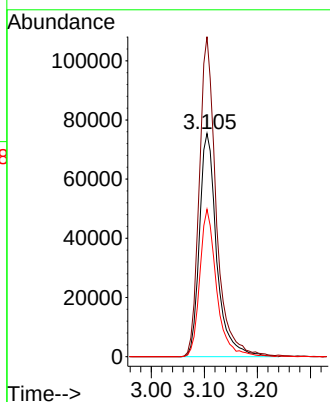
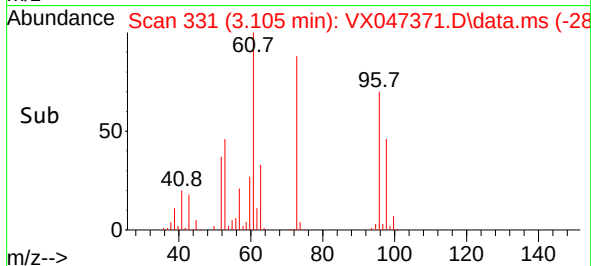
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



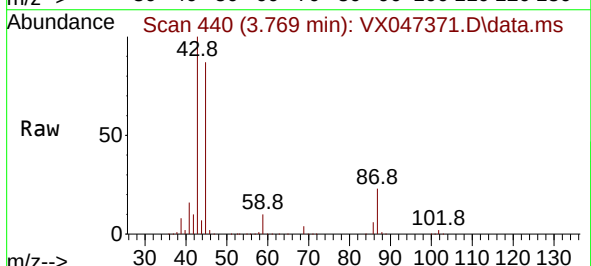
Tgt Ion: 96 Resp: 170589
Ion Ratio Lower Upper
96 100
61 143.4 112.6 169.0
98 66.0 50.9 76.3

Manual Integrations
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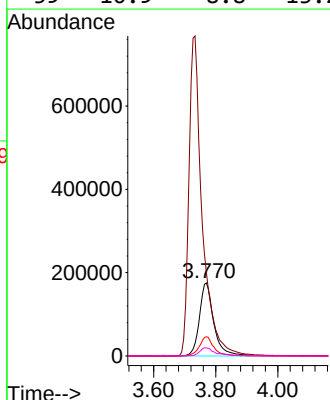
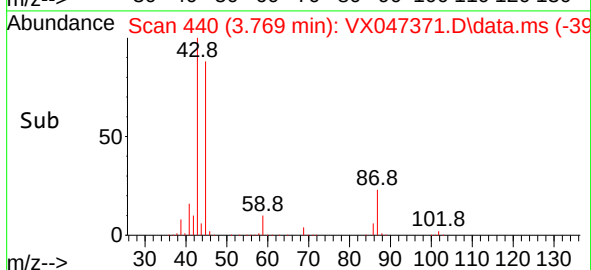
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

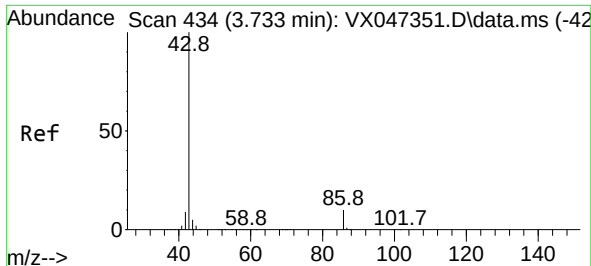


#22
Diisopropyl ether
Concen: 48.571 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00



Tgt Ion: 45 Resp: 566100
Ion Ratio Lower Upper
45 100
43 114.0 86.8 130.2
87 26.3 20.4 30.6
59 10.9 8.8 13.2





#23
 Vinyl Acetate
 Concen: 241.659 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047371.D
 Acq: 18 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

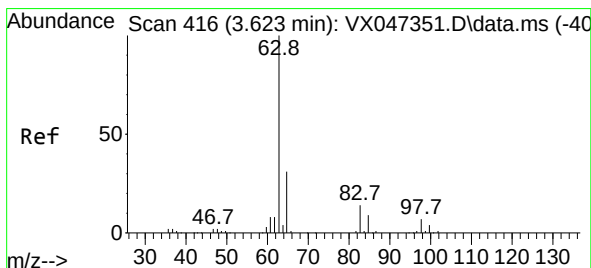
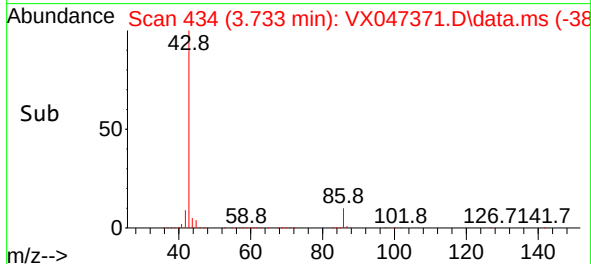
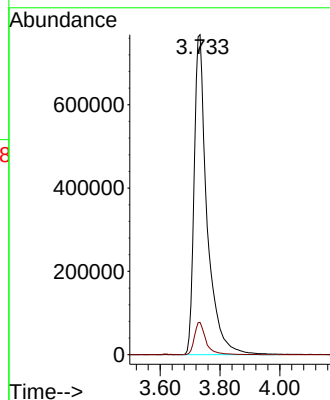
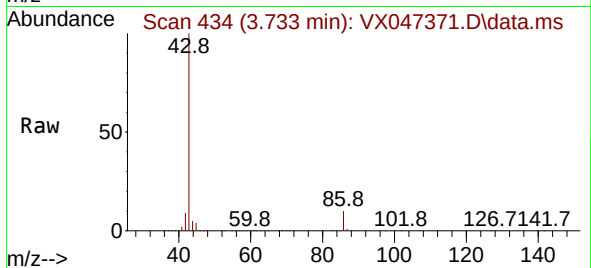
VSTDCCC050

Tgt Ion: 43 Resp: 230856
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.9 11.9

Manual Integrations

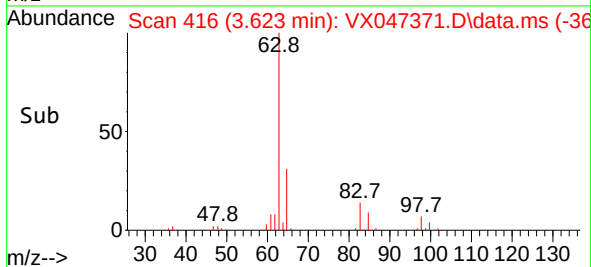
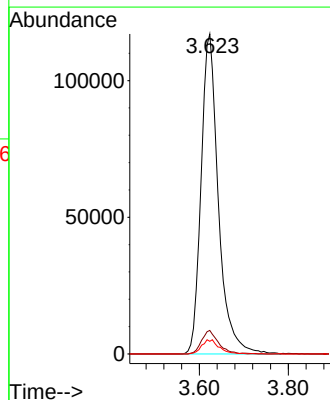
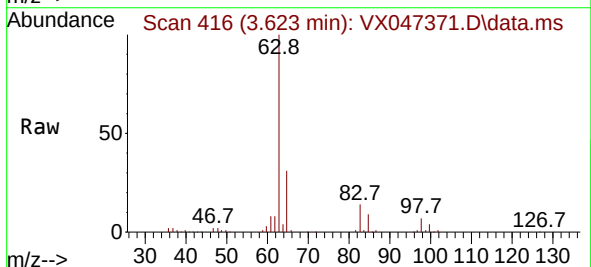
APPROVED

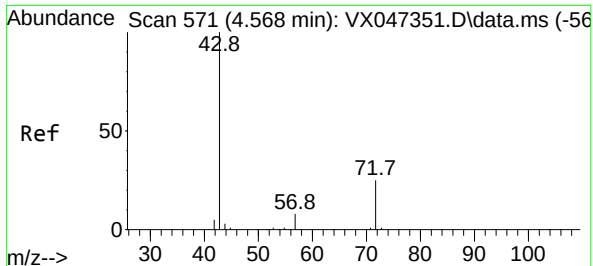
Reviewed By :John Carlone 08/19/2025
 Supervised By :Mahesh Dadoda 08/20/2025



#24
 1,1-Dichloroethane
 Concen: 48.171 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047371.D
 Acq: 18 Aug 2025 10:00

Tgt Ion: 63 Resp: 317338
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 3.9 2.1 6.3





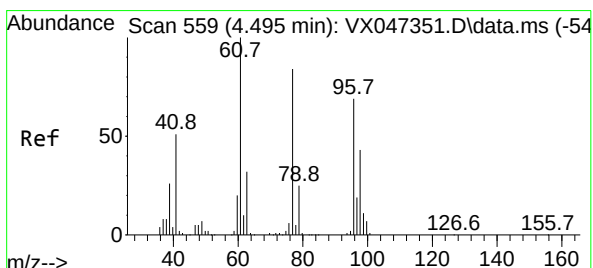
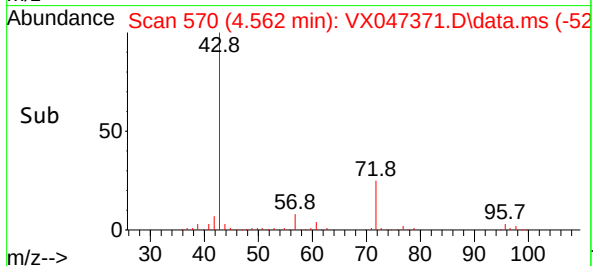
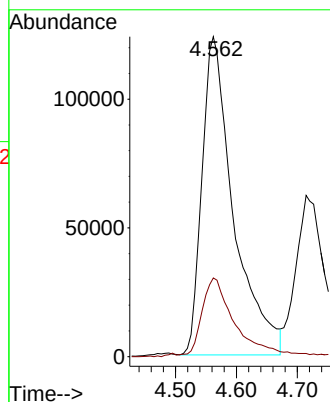
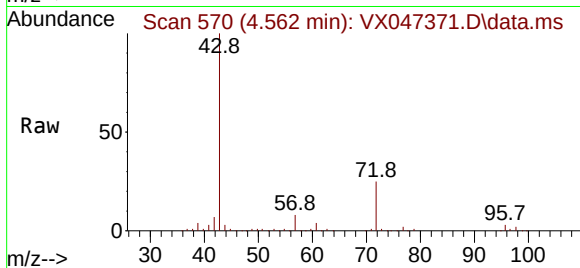
#25
2-Butanone
Concen: 239.666 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 445204
Ion Ratio Lower Upper
43 100
72 24.1 19.8 29.8

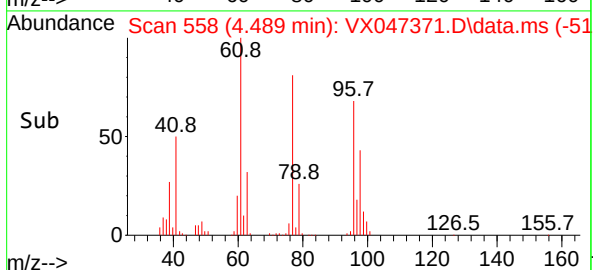
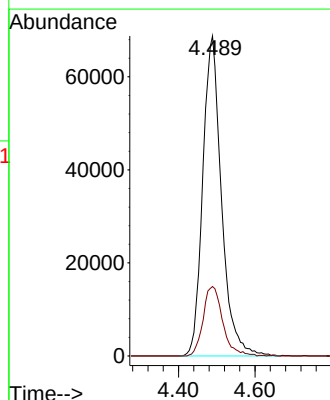
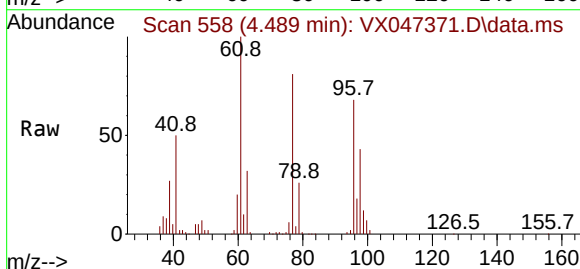
Manual Integrations
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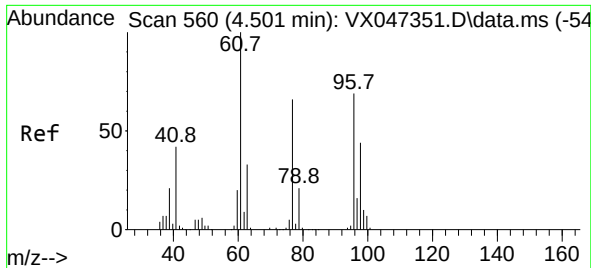
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#26
2,2-Dichloropropane
Concen: 46.963 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

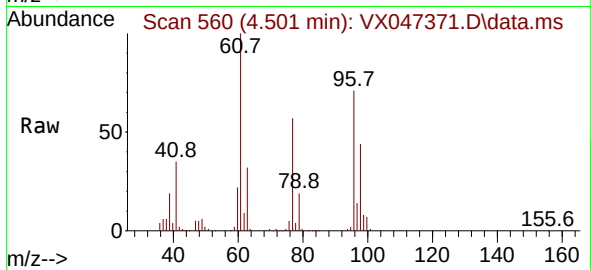
Tgt Ion: 77 Resp: 233509
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 46.668 ug/l
RT: 4.501 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

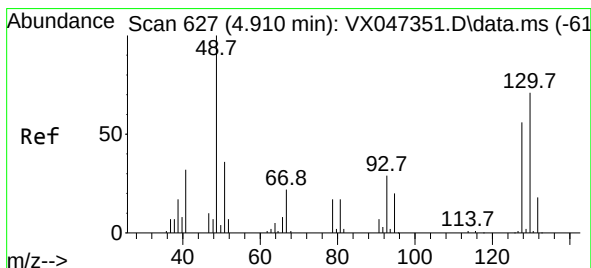
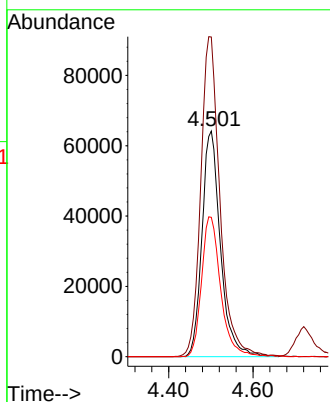
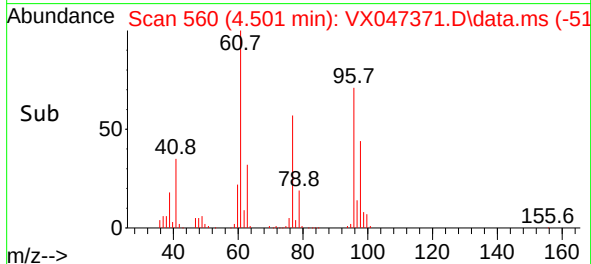
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 195840
Ion Ratio Lower Upper
96 100
61 147.7 0.0 296.6
98 64.0 0.0 130.4

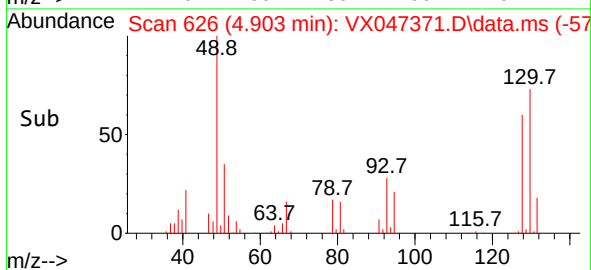
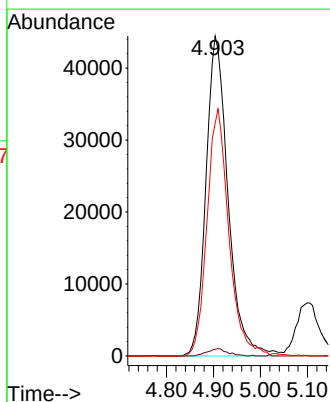
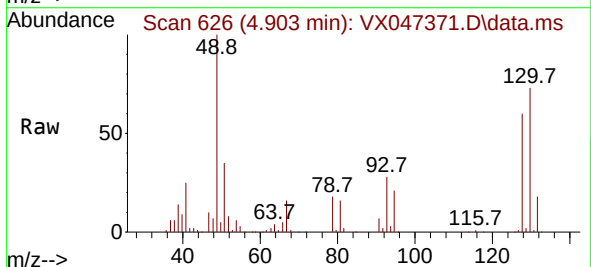
Manual Integrations
APPROVED

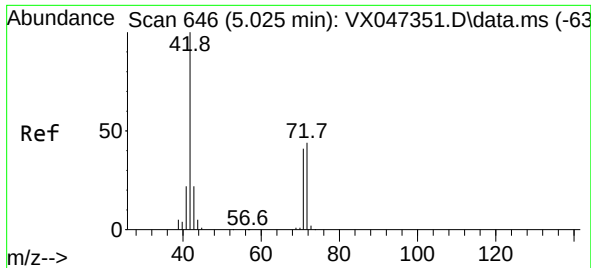
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#28
Bromochloromethane
Concen: 52.737 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 49 Resp: 144569
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 76.5 59.8 89.6





#29

Tetrahydrofuran

Concen: 229.620 ug/l

RT: 5.019 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 27569

Ion Ratio Lower Upper

42 100

72 42.8 34.6 51.8

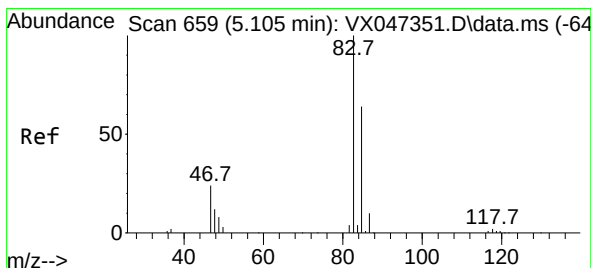
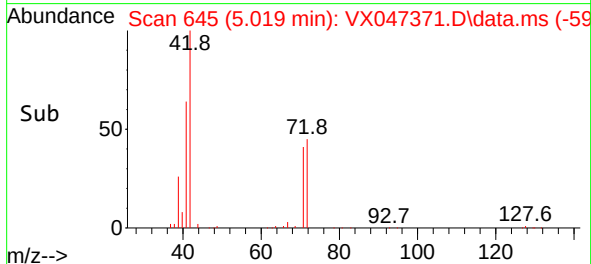
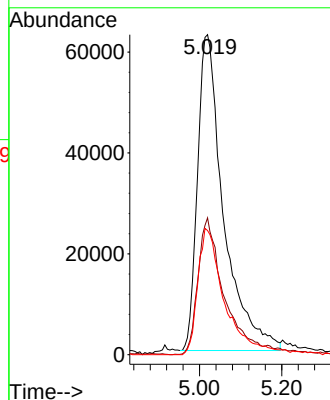
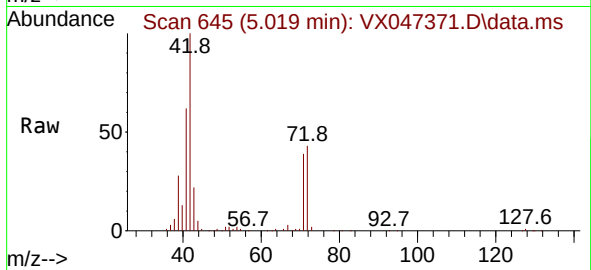
71 41.3 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#30

Chloroform

Concen: 46.921 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047371.D

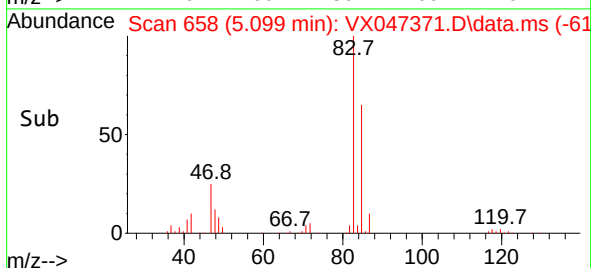
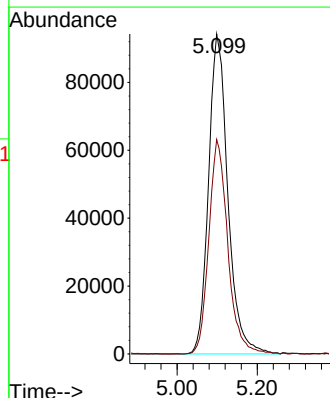
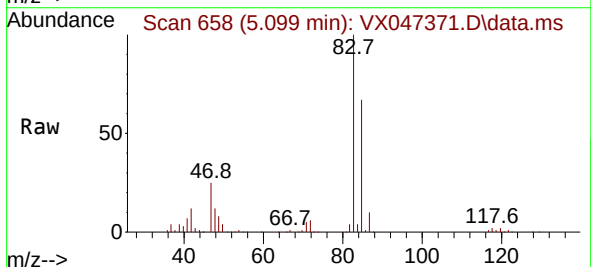
Acq: 18 Aug 2025 10:00

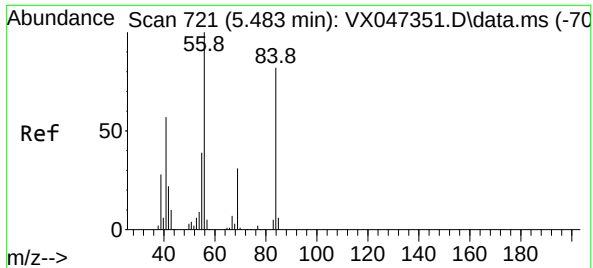
Tgt Ion: 83 Resp: 315459

Ion Ratio Lower Upper

83 100

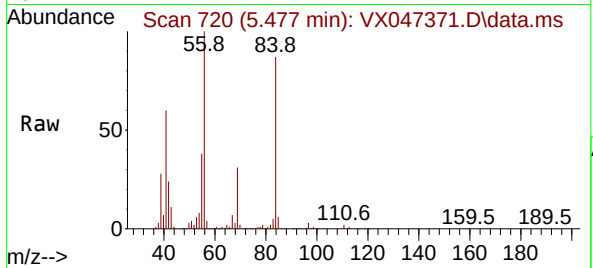
85 67.0 51.2 76.8





#31
Cyclohexane
Concen: 46.209 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

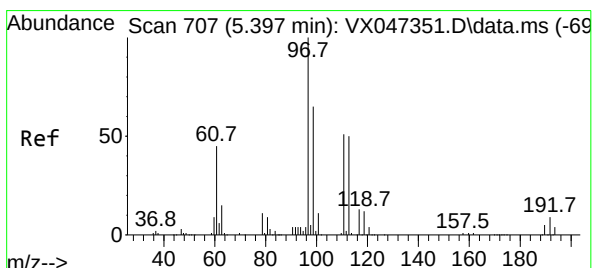
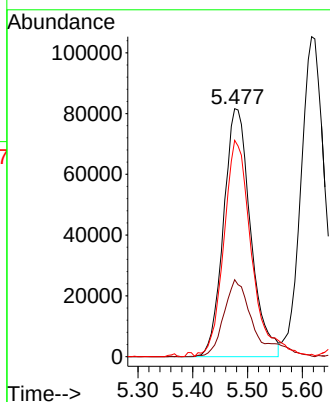
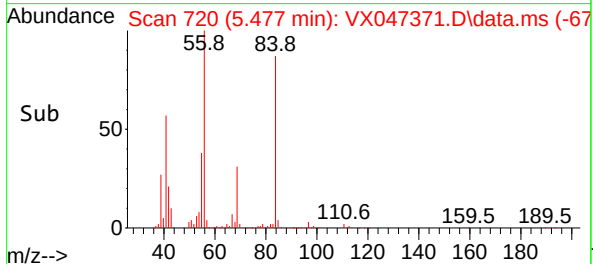
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 280615
Ion Ratio Lower Upper
56 100
69 30.8 24.3 36.5
84 87.1 65.3 97.9

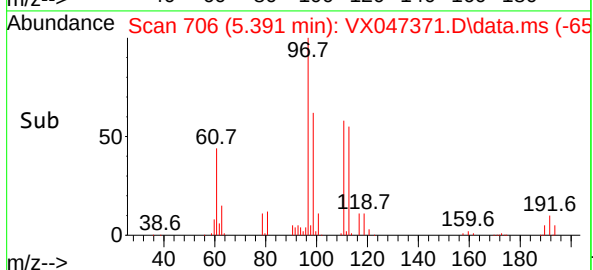
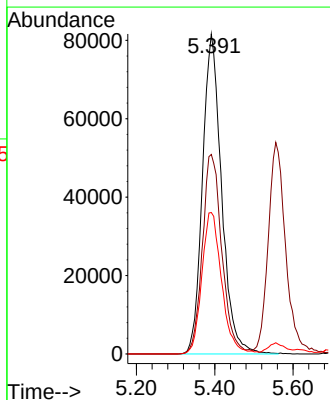
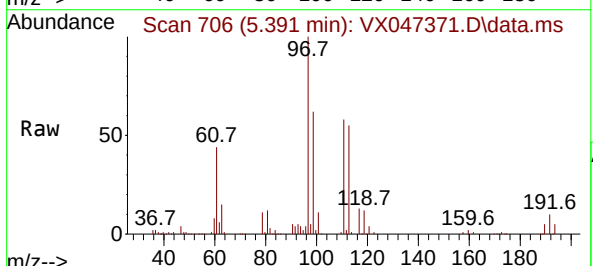
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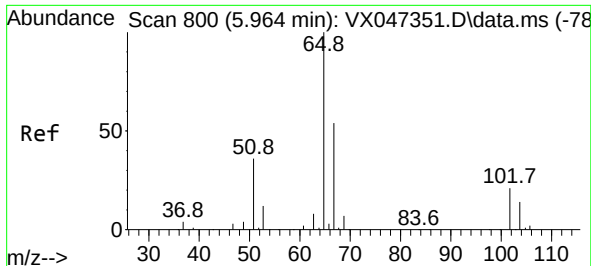
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#32
1,1,1-Trichloroethane
Concen: 47.731 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 97 Resp: 276215
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 45.9 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 49.309 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 18606

Ion Ratio Lower Upper

65 100

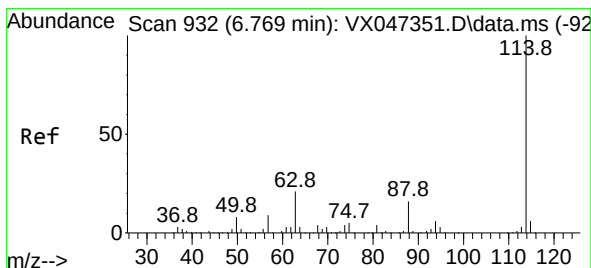
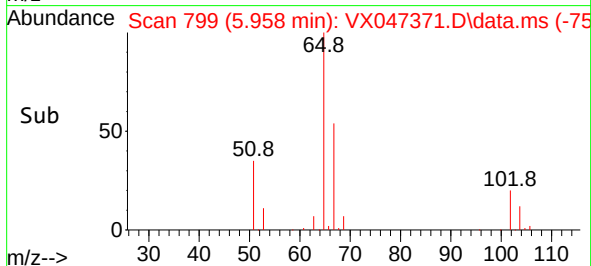
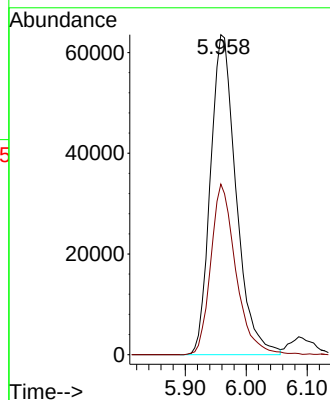
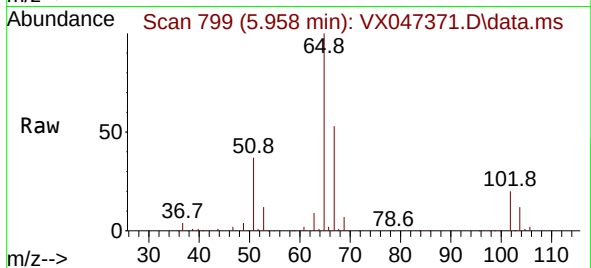
67 52.0 0.0 106.0

Manual Integrations

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Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

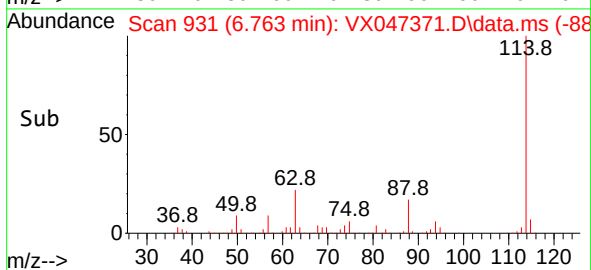
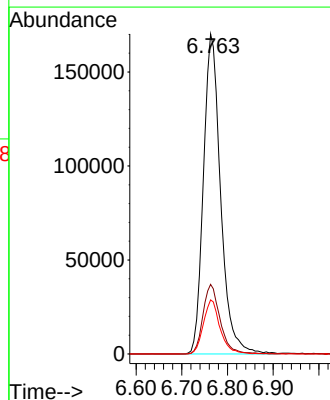
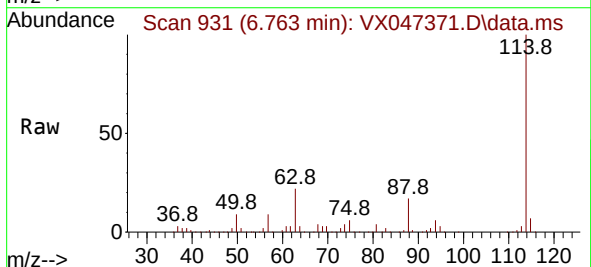
Tgt Ion:114 Resp: 444434

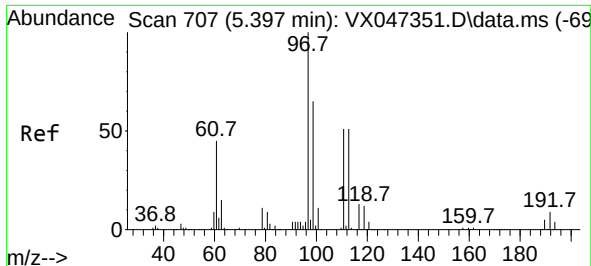
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

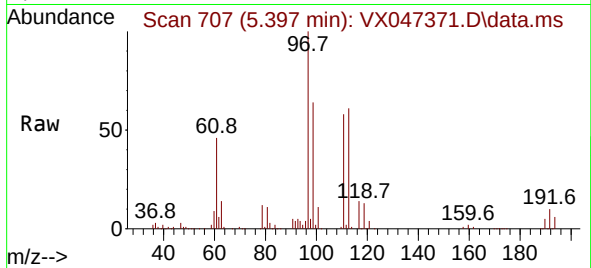
88 16.9 0.0 33.0





#35
Dibromofluoromethane
Concen: 51.741 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

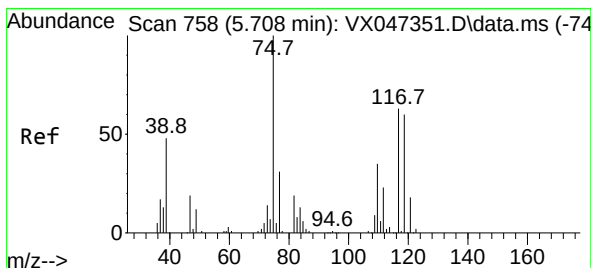
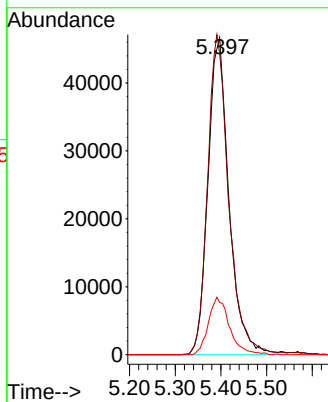
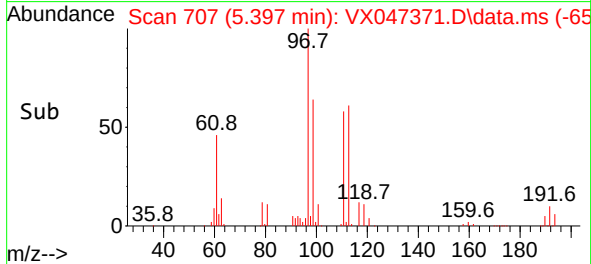
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 14924
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.2
192 18.2 14.1 21.1

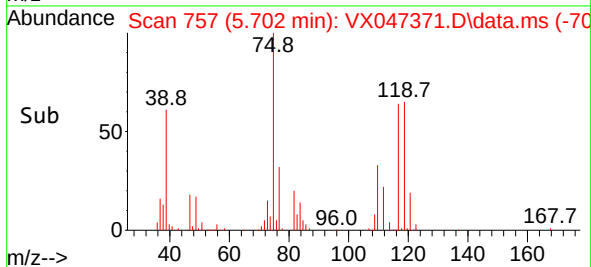
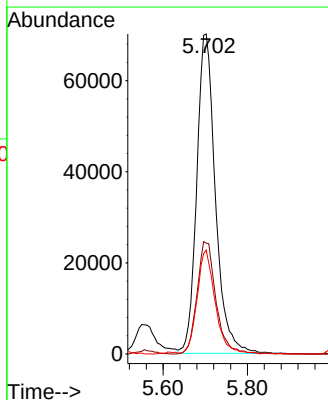
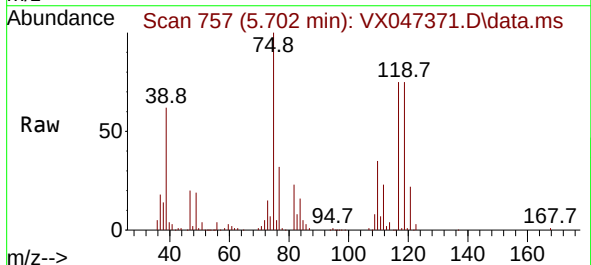
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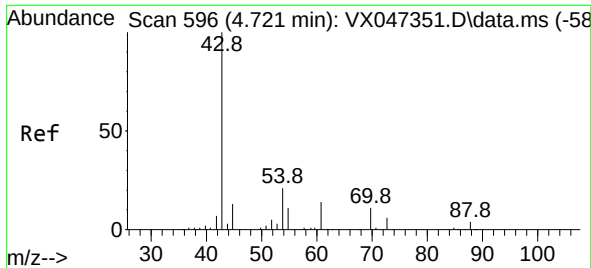
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#36
1,1-Dichloropropene
Concen: 47.491 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 75 Resp: 216239
Ion Ratio Lower Upper
75 100
110 35.7 17.4 52.2
77 31.6 24.4 36.6





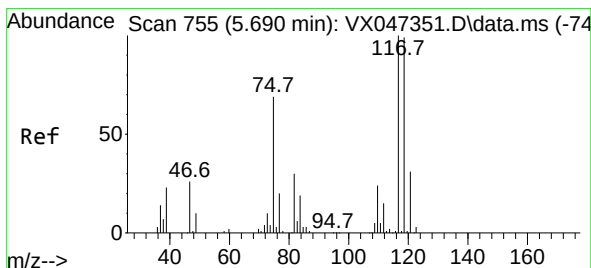
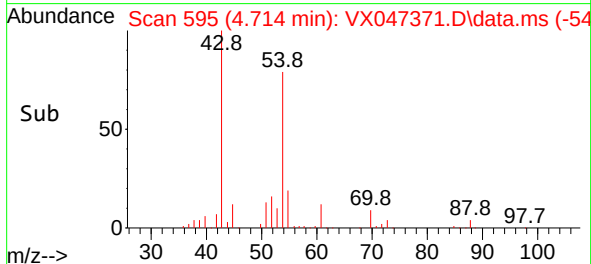
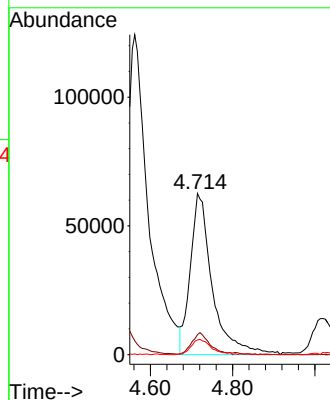
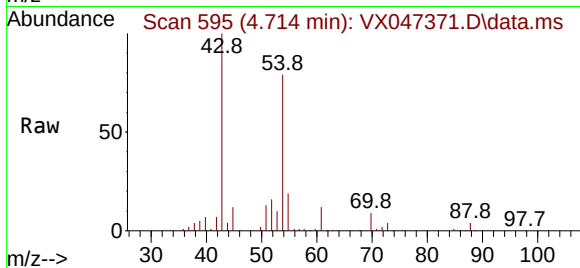
#37
Ethyl Acetate
Concen: 49.091 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 232054
Ion Ratio Lower Upper
43 100
61 10.7 9.4 14.2
70 8.7 7.0 10.6

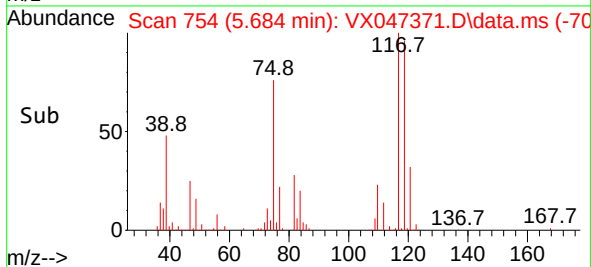
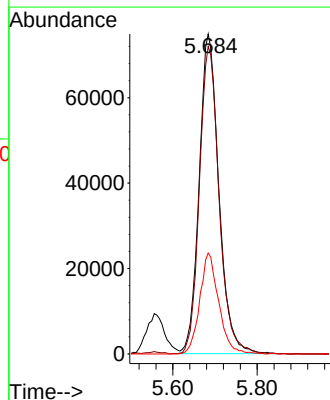
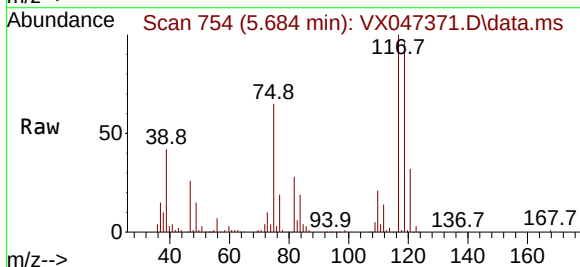
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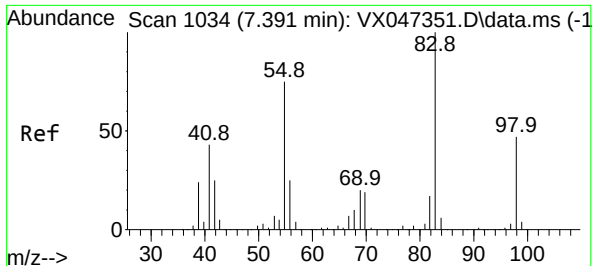
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#38
Carbon Tetrachloride
Concen: 48.915 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

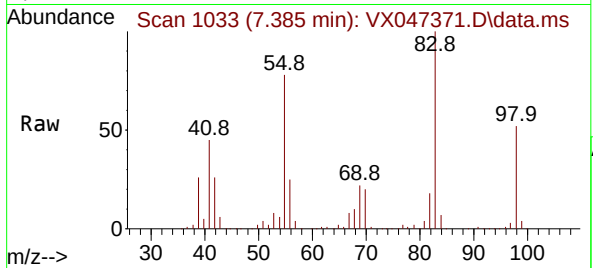
Tgt Ion:117 Resp: 243389
Ion Ratio Lower Upper
117 100
119 96.2 78.5 117.7
121 31.6 24.7 37.1





#39
Methylcyclohexane
Concen: 47.245 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

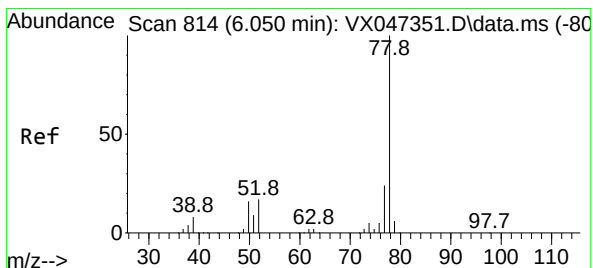
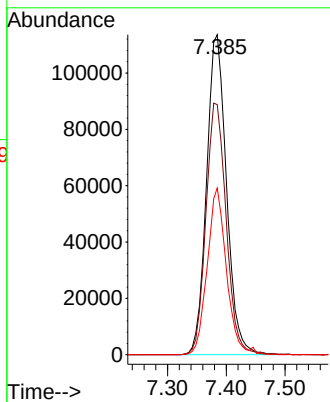
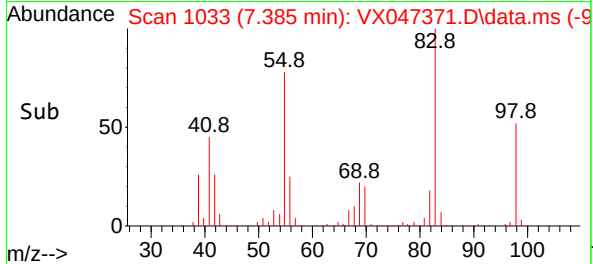
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 268330
Ion Ratio Lower Upper
83 100
55 78.1 60.0 90.0
98 52.1 37.2 55.8

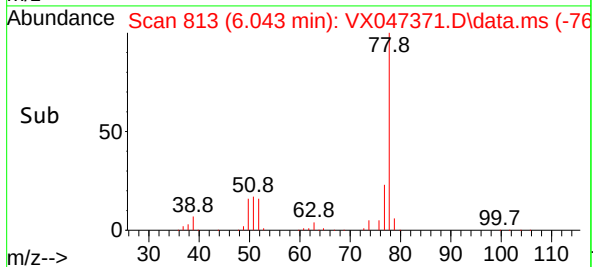
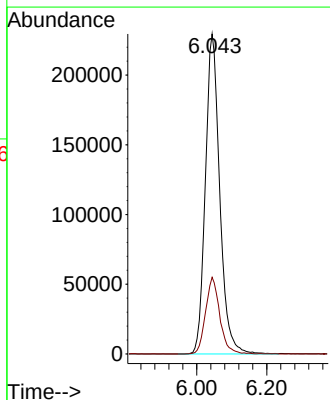
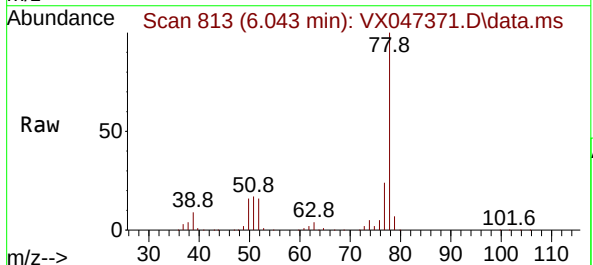
Manual Integrations
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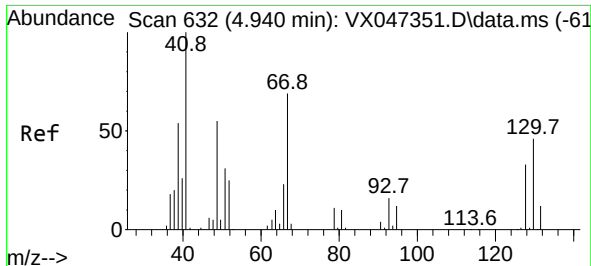
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#40
Benzene
Concen: 47.917 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 78 Resp: 653043
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





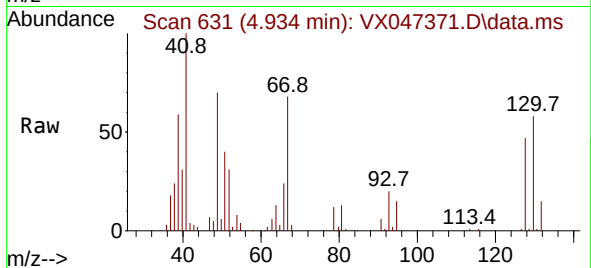
#41
Methacrylonitrile
Concen: 48.083 ug/l
RT: 4.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



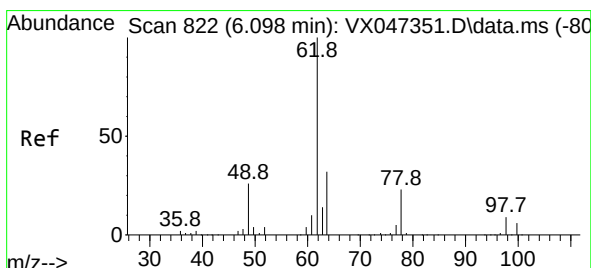
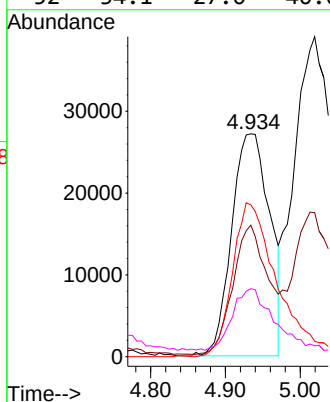
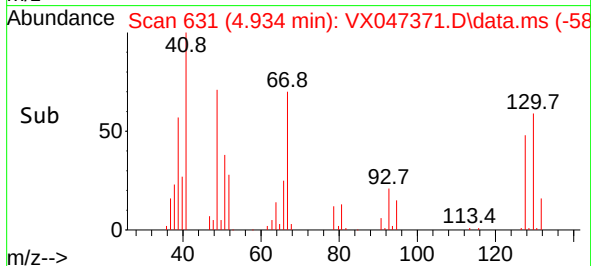
Tgt Ion: 41 Resp: 95840
Ion Ratio Lower Upper
41 100
39 53.1 45.4 68.2
67 83.4 64.0 96.0
52 34.1 27.0 40.6

Manual Integrations

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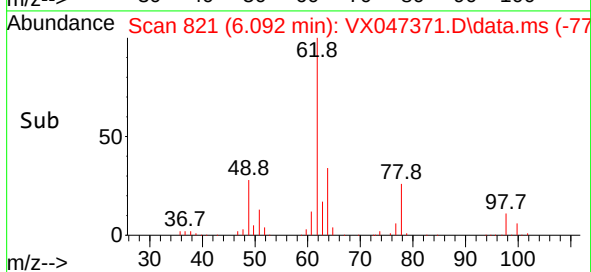
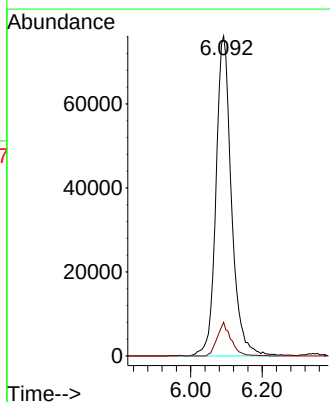
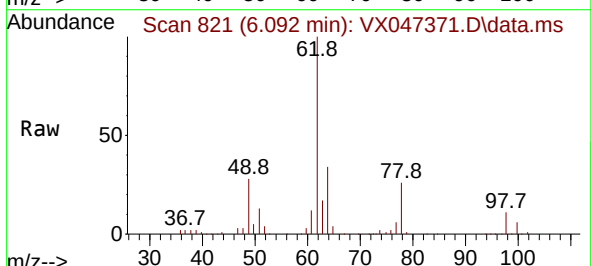
Reviewed By :John Carlone 08/19/2025

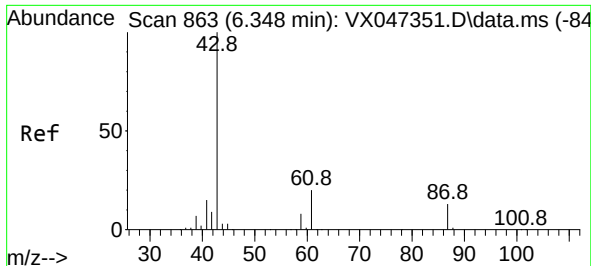
Supervised By :Mahesh Dadoda 08/20/2025



#42
1,2-Dichloroethane
Concen: 47.424 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

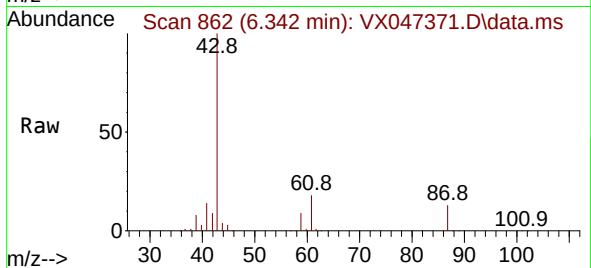
Tgt Ion: 62 Resp: 228939
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.0





#43
Isopropyl Acetate
Concen: 47.583 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

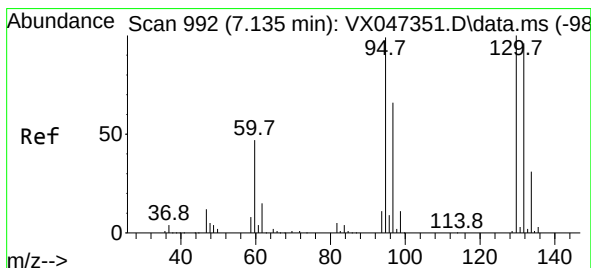
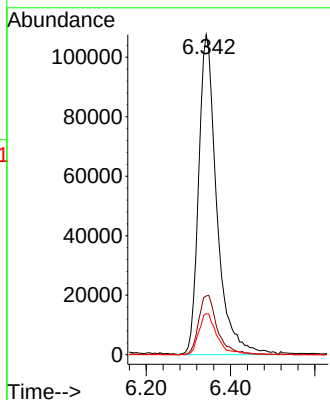
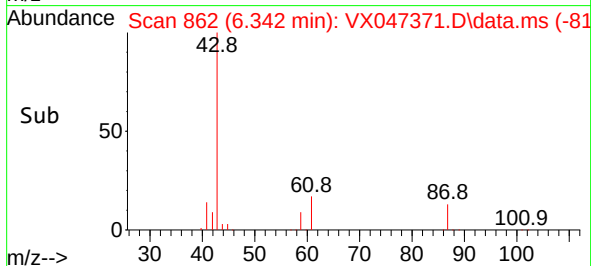
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 32312
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 12.9 10.2 15.4

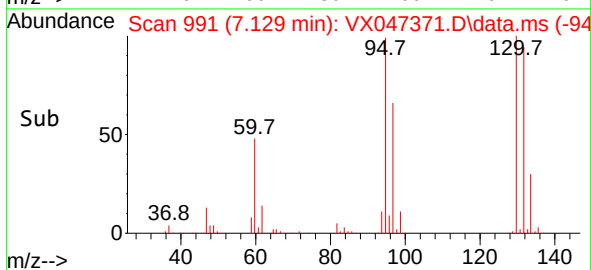
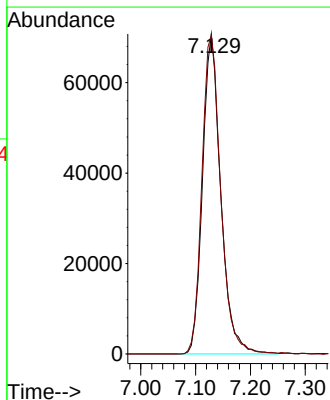
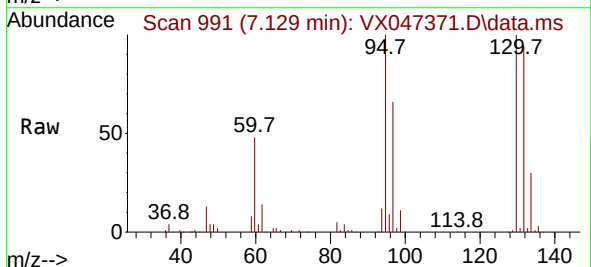
Manual Integrations
APPROVED

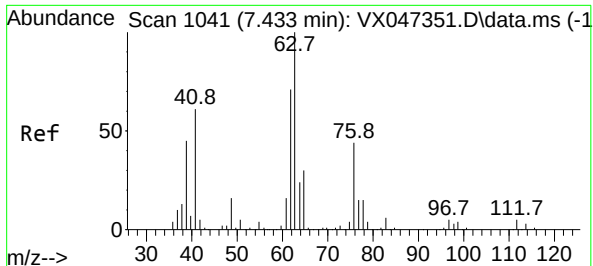
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#44
Trichloroethene
Concen: 46.616 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:130 Resp: 162678
Ion Ratio Lower Upper
130 100
95 99.6 0.0 198.6





#45

1,2-Dichloropropane

Concen: 47.913 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 163590

Ion Ratio Lower Upper

63 100

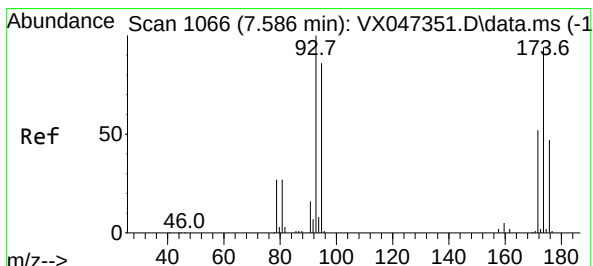
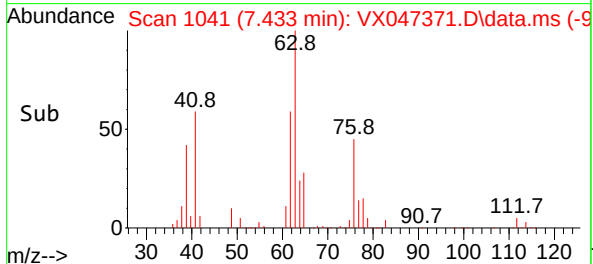
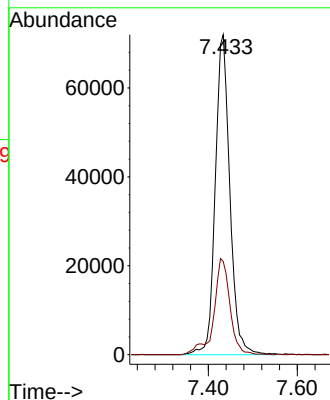
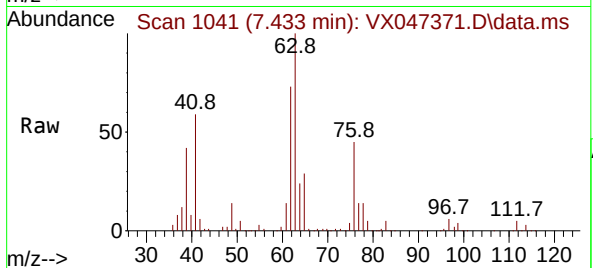
65 29.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#46

Dibromomethane

Concen: 47.485 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

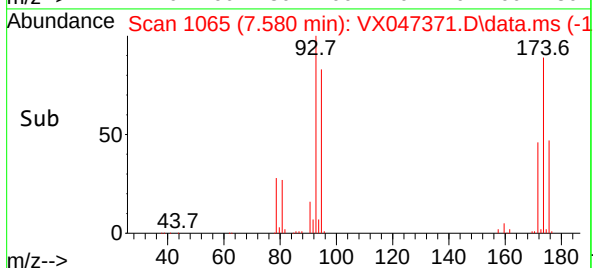
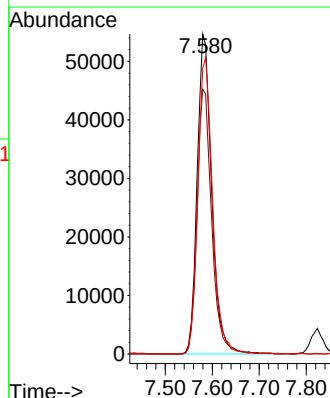
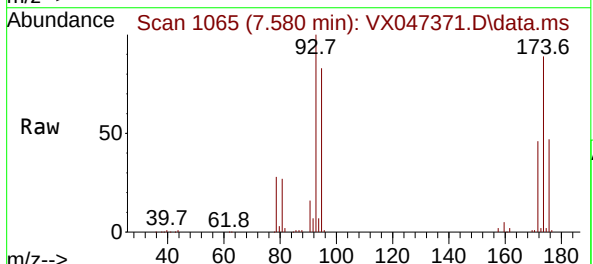
Tgt Ion: 93 Resp: 117704

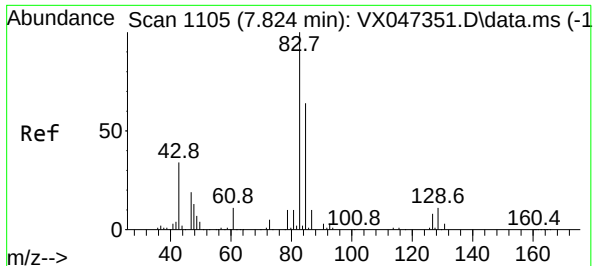
Ion Ratio Lower Upper

93 100

95 83.2 68.0 102.0

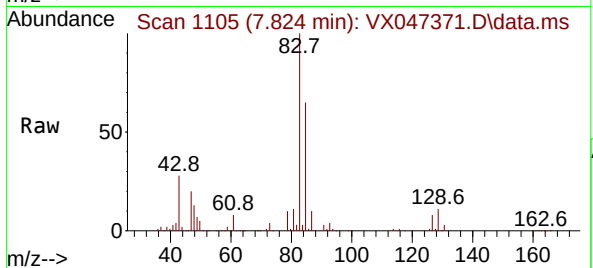
174 93.7 75.8 113.6





#47
Bromodichloromethane
Concen: 48.205 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

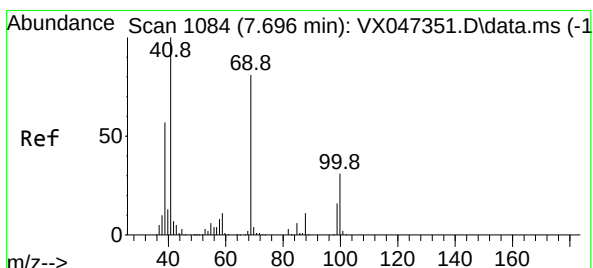
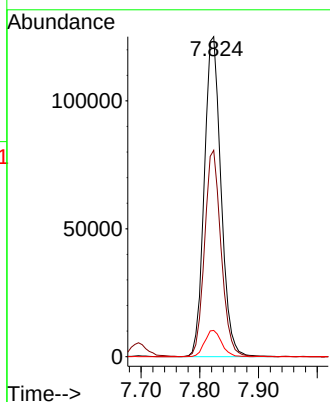
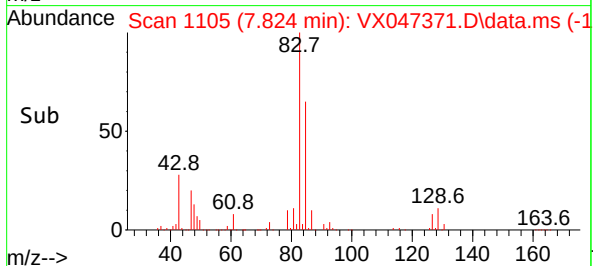
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 24771
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.6
127 8.2 7.0 10.4

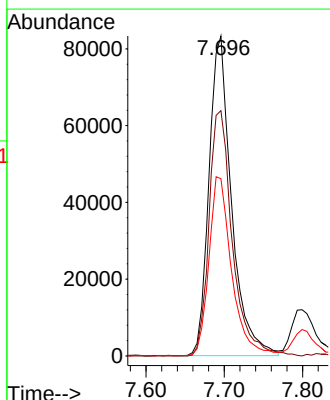
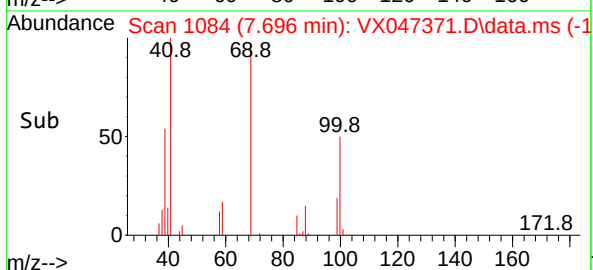
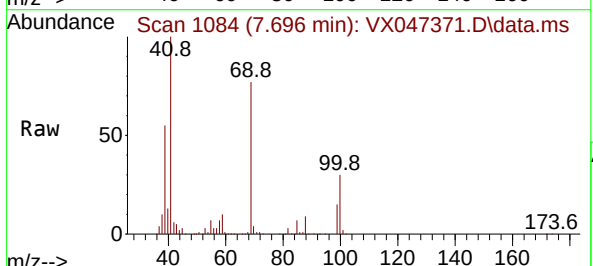
Manual Integrations
APPROVED

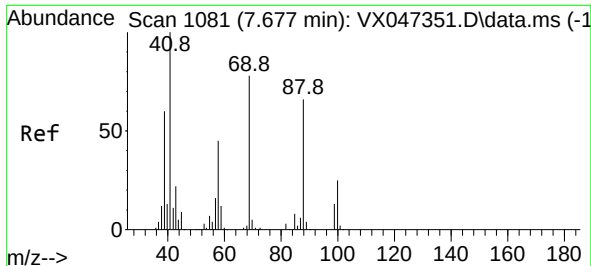
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#48
Methyl methacrylate
Concen: 47.171 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 41 Resp: 166270
Ion Ratio Lower Upper
41 100
69 79.8 65.0 97.4
39 56.4 45.7 68.5





#49

1,4-Dioxane

Concen: 1013.952 ug/l

RT: 7.683 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 34744

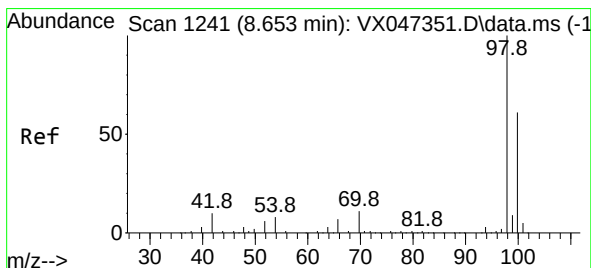
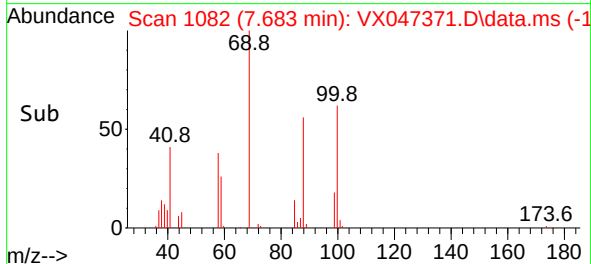
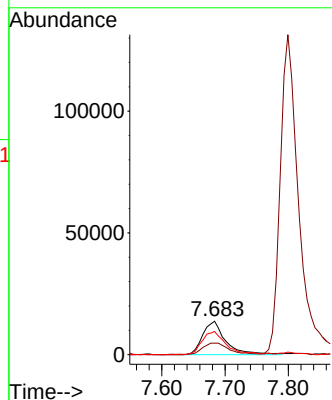
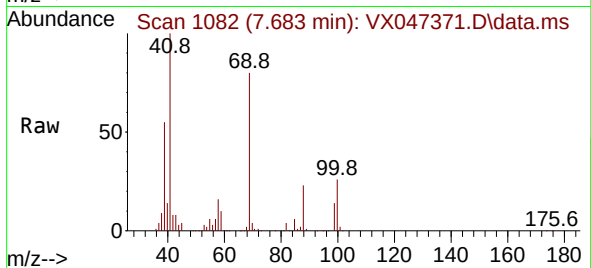
Ion	Ratio	Lower	Upper
88	100		
43	37.8	32.4	48.6
58	72.0	56.9	85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#50

Toluene-d8

Concen: 49.536 ug/l

RT: 8.647 min Scan# 1240

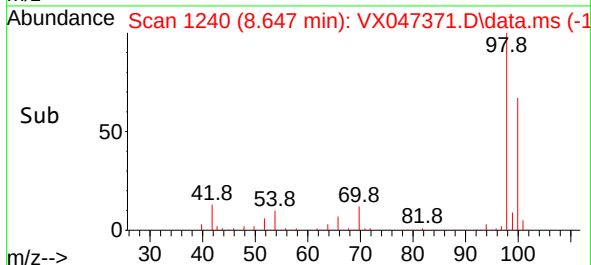
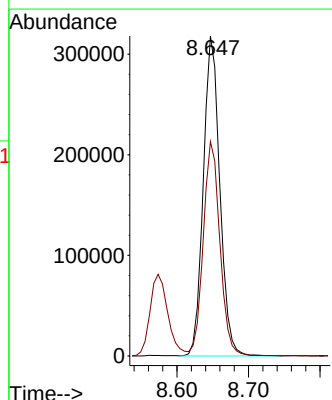
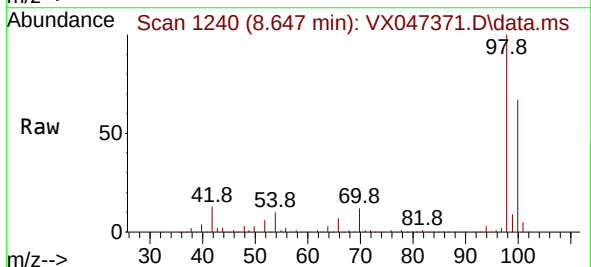
Delta R.T. -0.006 min

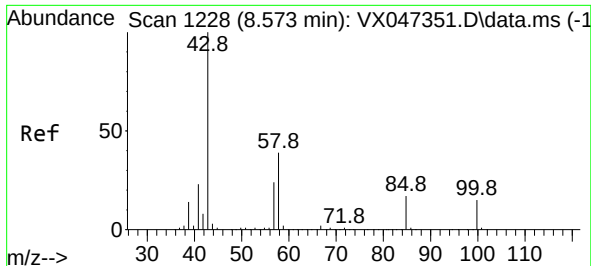
Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

Tgt Ion: 98 Resp: 510697

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.9	80.9





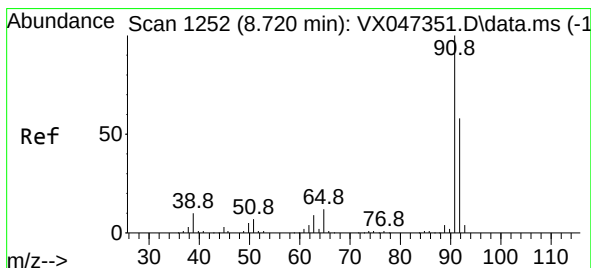
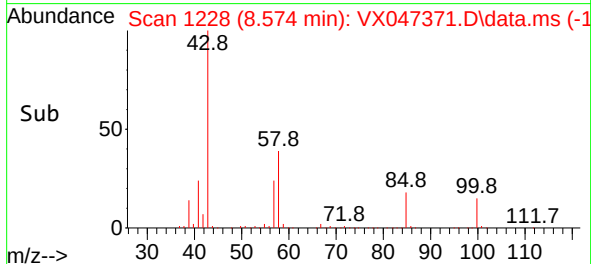
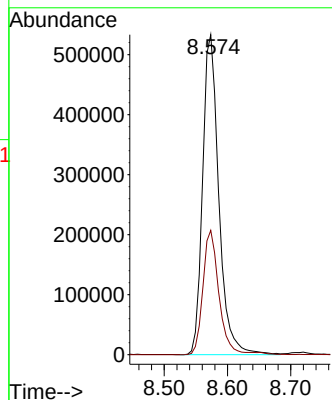
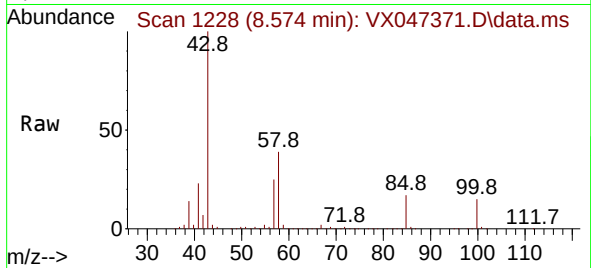
#51
4-Methyl-2-Pentanone
Concen: 243.653 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 952149
Ion Ratio Lower Upper
43 100
58 38.0 31.2 46.8

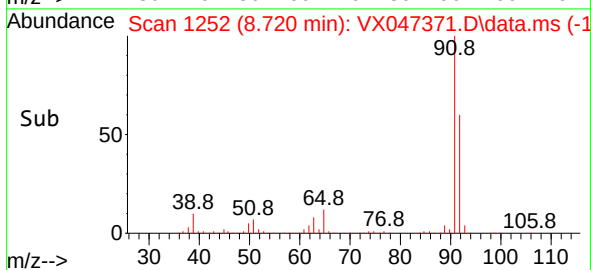
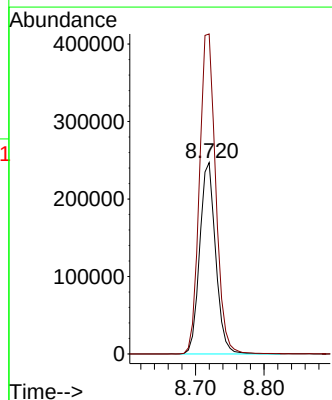
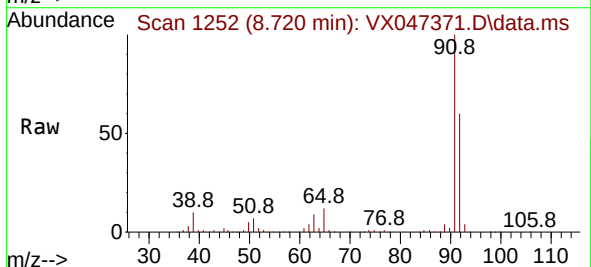
Manual Integrations
APPROVED

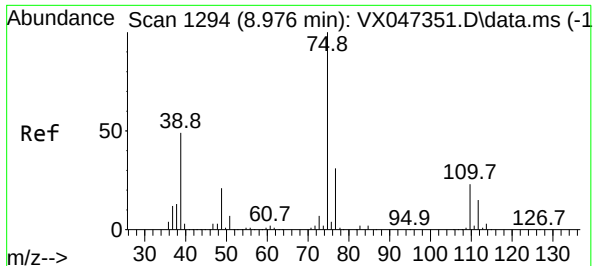
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#52
Toluene
Concen: 47.503 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

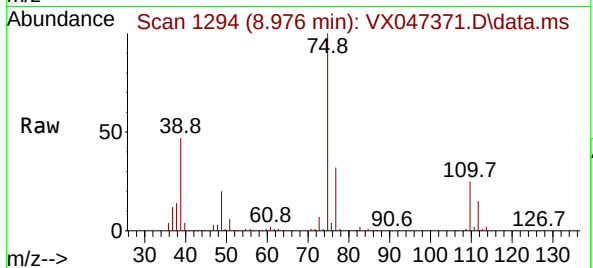
Tgt Ion: 92 Resp: 400051
Ion Ratio Lower Upper
92 100
91 171.2 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 49.287 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

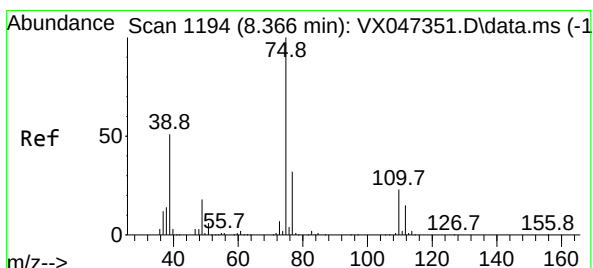
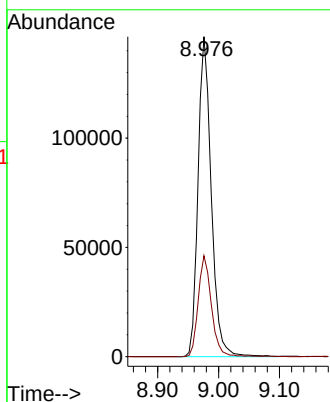
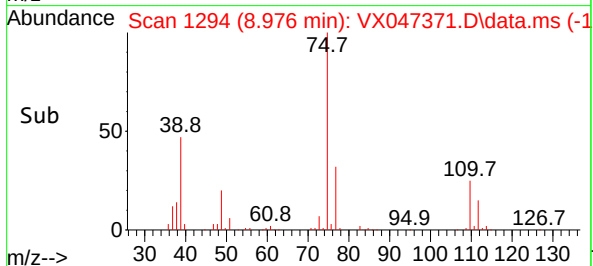
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 22104
Ion Ratio Lower Upper
75 100
77 31.6 24.7 37.1

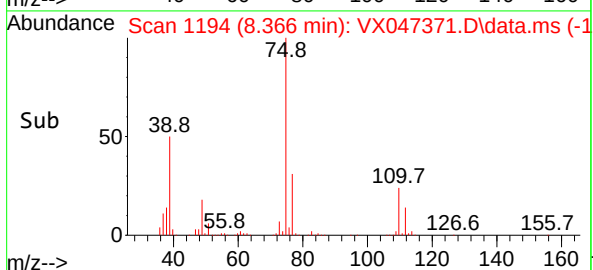
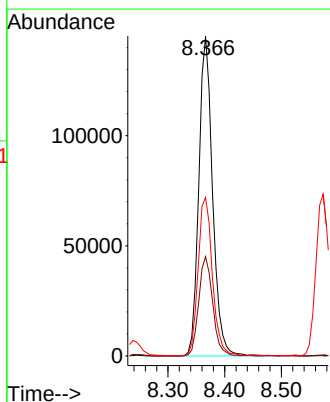
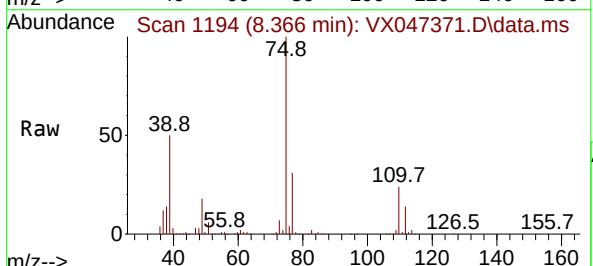
Manual Integrations
APPROVED

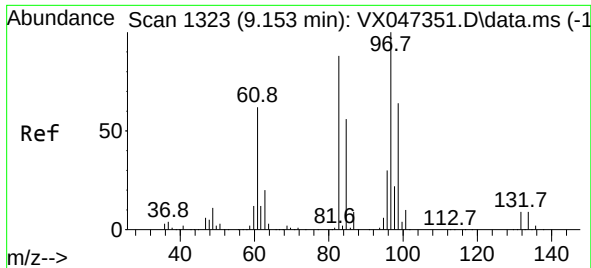
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#54
cis-1,3-Dichloropropene
Concen: 48.187 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion: 75 Resp: 244614
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4
39 49.5 40.9 61.3





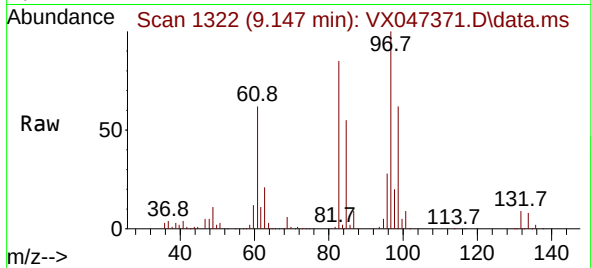
#55
1,1,2-Trichloroethane
Concen: 47.246 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



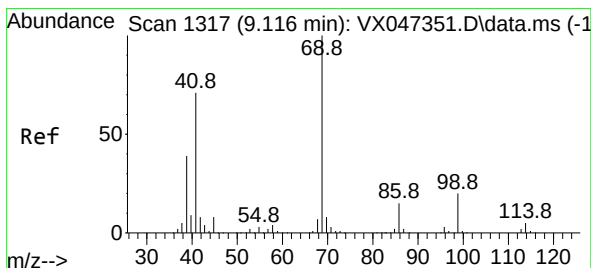
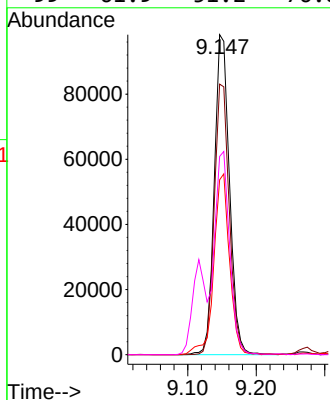
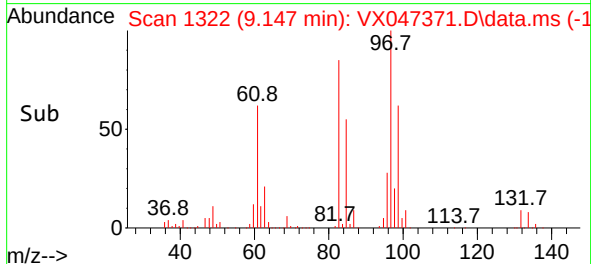
Tgt Ion: 97 Resp: 151070
Ion Ratio Lower Upper
97 100
83 84.5 70.6 106.0
85 54.7 44.7 67.1
99 61.9 51.2 76.8

Manual Integrations

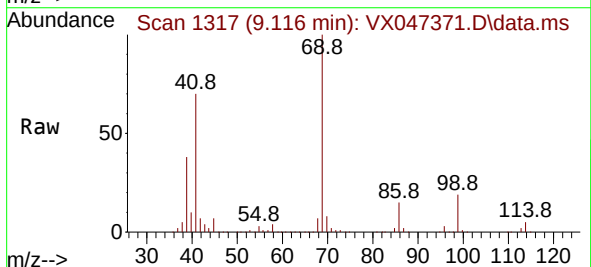
APPROVED

Reviewed By :John Carlone 08/19/2025

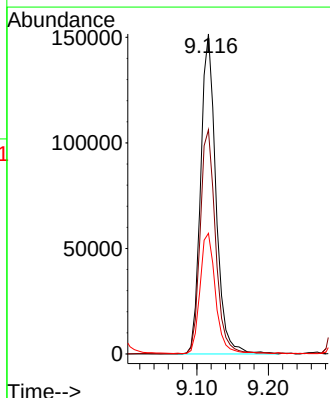
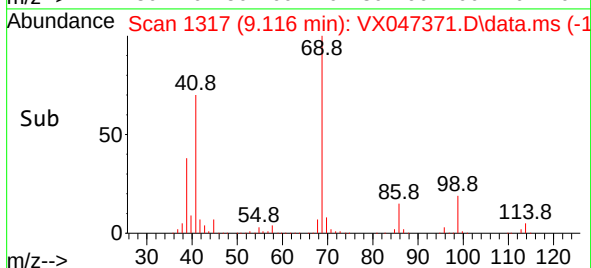
Supervised By :Mahesh Dadoda 08/20/2025

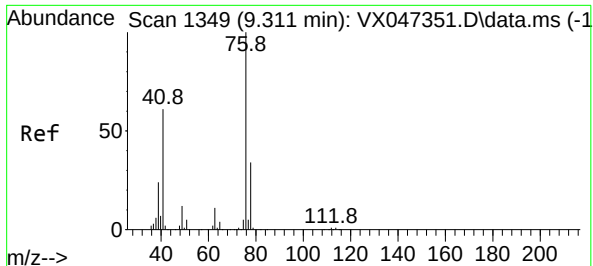


#56
Ethyl methacrylate
Concen: 47.723 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00



Tgt Ion: 69 Resp: 224978
Ion Ratio Lower Upper
69 100
41 70.5 55.3 82.9
39 38.3 30.2 45.2





#57

1,3-Dichloropropane

Concen: 46.880 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 25542

Ion Ratio Lower Upper

76 100

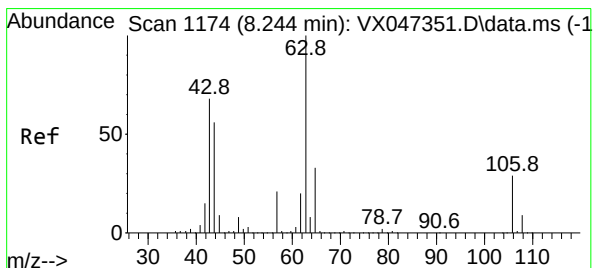
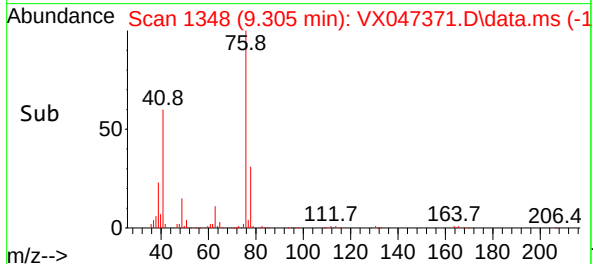
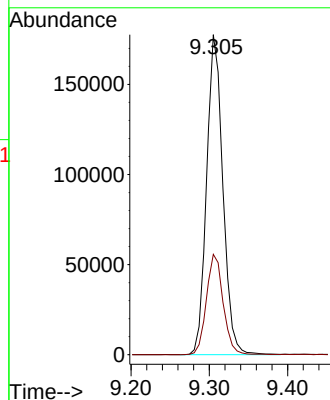
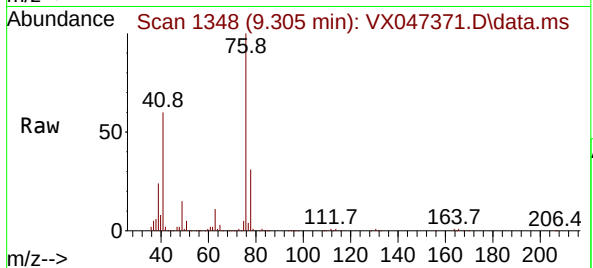
78 32.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 229.244 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047371.D

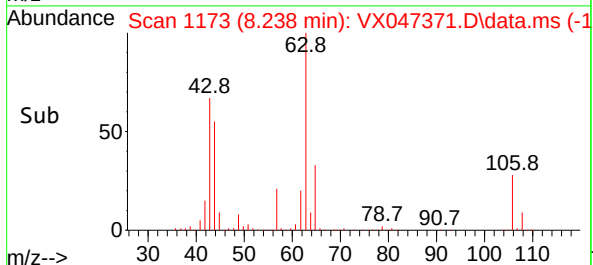
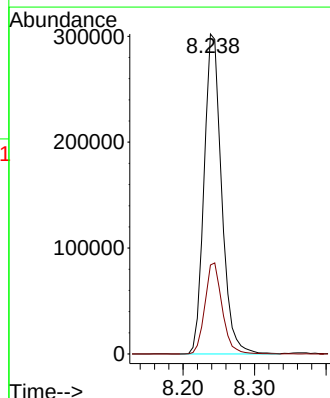
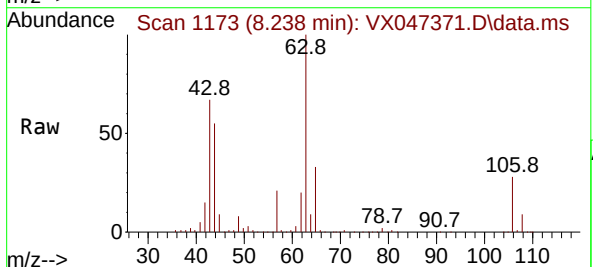
Acq: 18 Aug 2025 10:00

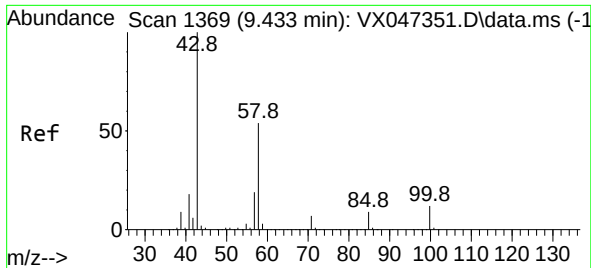
Tgt Ion: 63 Resp: 514434

Ion Ratio Lower Upper

63 100

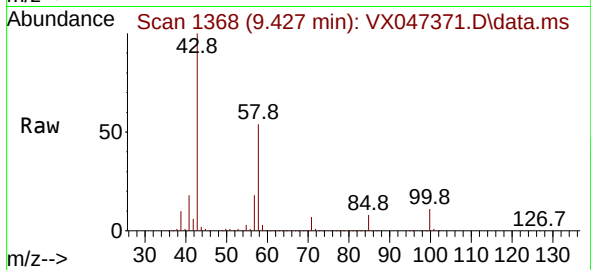
106 28.0 22.8 34.2





#59
2-Hexanone
Concen: 238.139 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

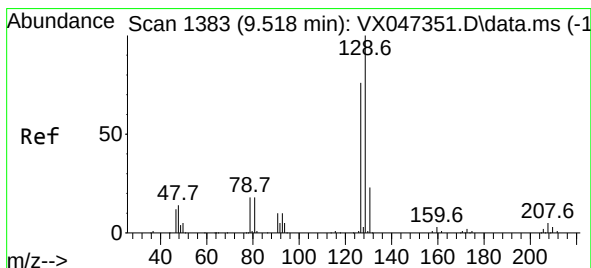
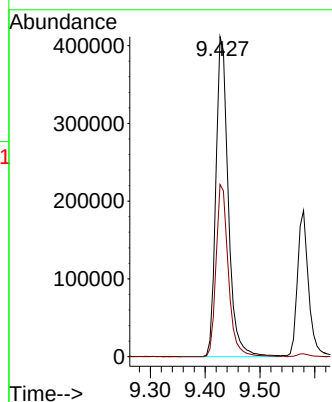
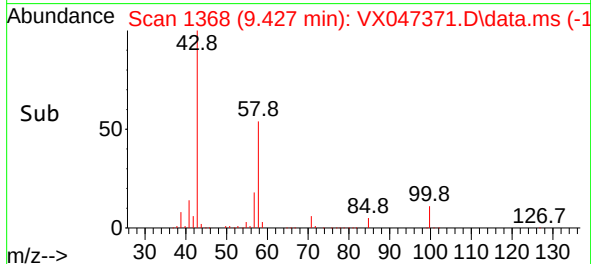
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 64371
Ion Ratio Lower Upper
43 100
58 53.6 26.9 80.7

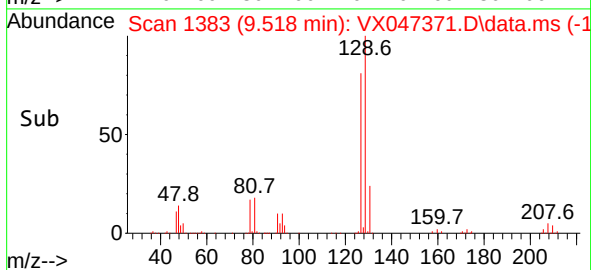
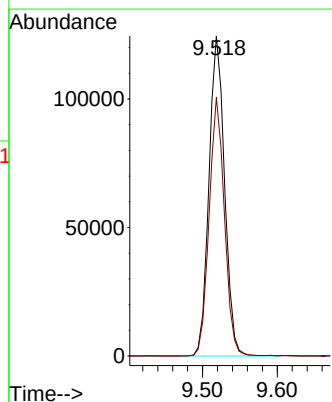
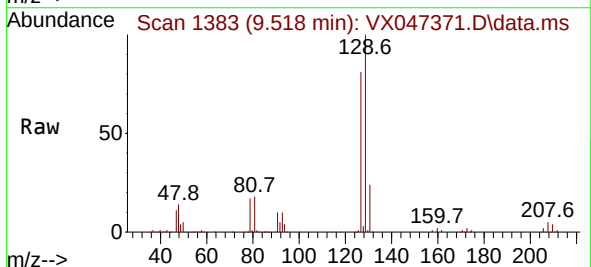
Manual Integrations
APPROVED

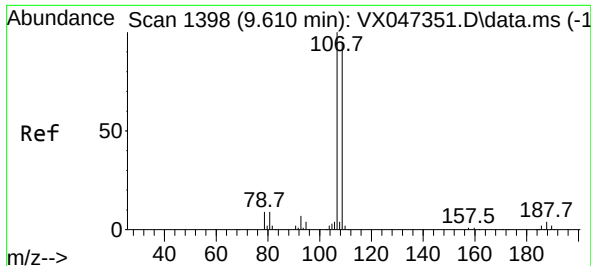
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#60
Dibromochloromethane
Concen: 47.510 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

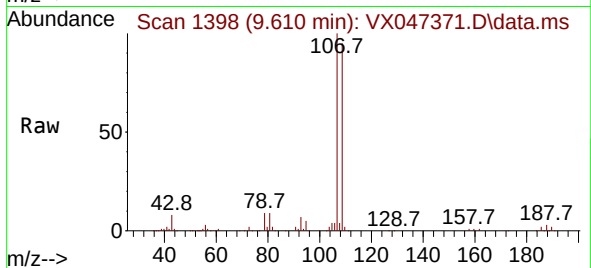
Tgt Ion:129 Resp: 180536
Ion Ratio Lower Upper
129 100
127 79.4 38.9 116.6





#61
1,2-Dibromoethane
Concen: 46.327 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

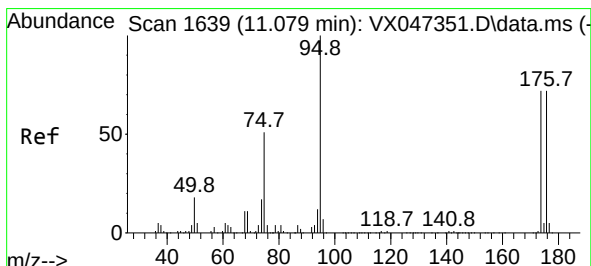
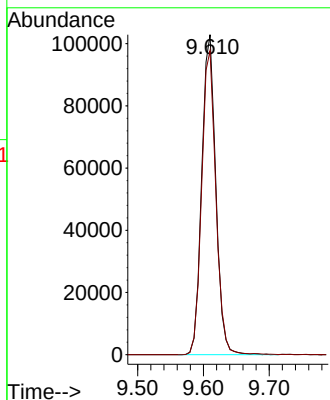
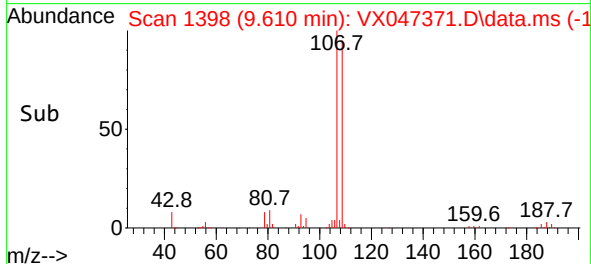
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



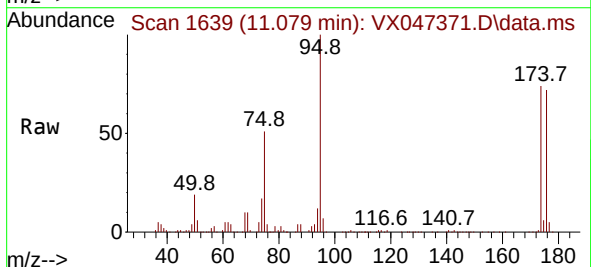
Tgt Ion:107 Resp: 15275
Ion Ratio Lower Upper
107 100
109 96.1 76.2 114.2

Manual Integrations
APPROVED

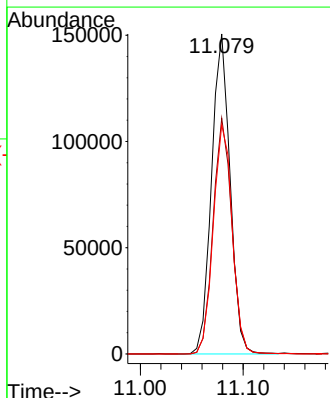
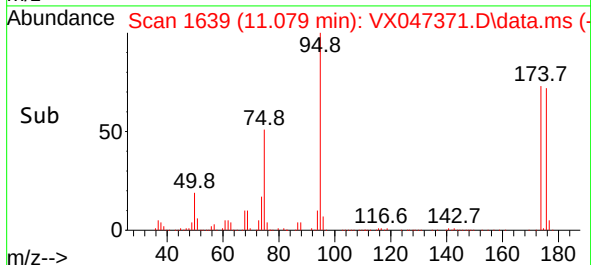
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

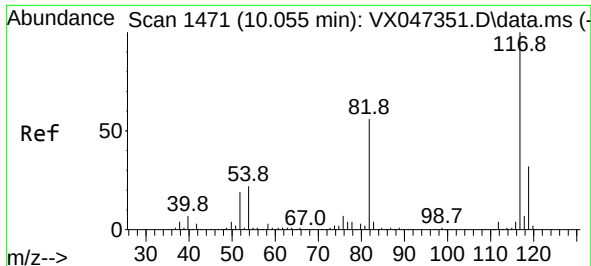


#62
4-Bromofluorobenzene
Concen: 49.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00



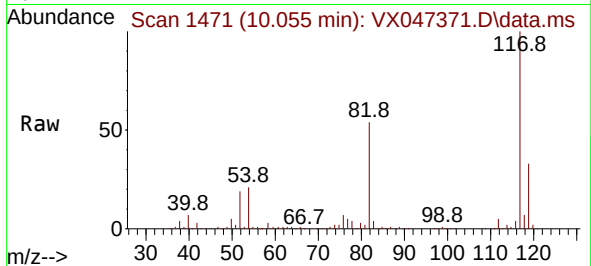
Tgt Ion: 95 Resp: 188302
Ion Ratio Lower Upper
95 100
174 74.5 0.0 148.0
176 73.5 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

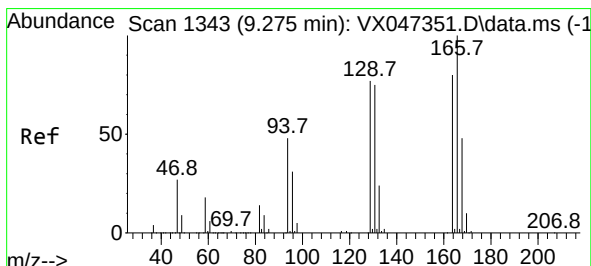
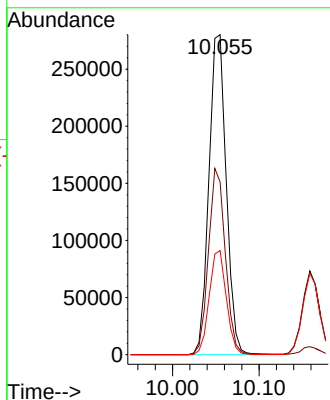
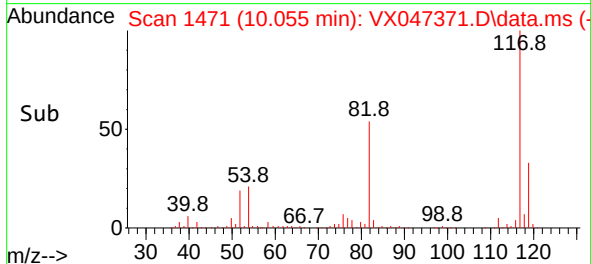
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 389564
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.6 25.8 38.8

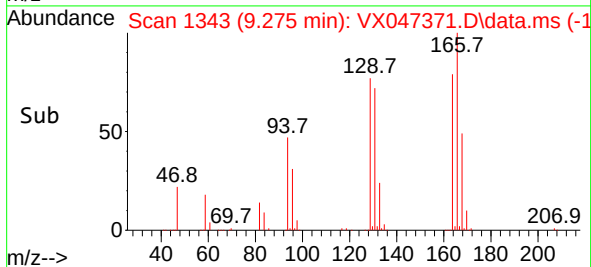
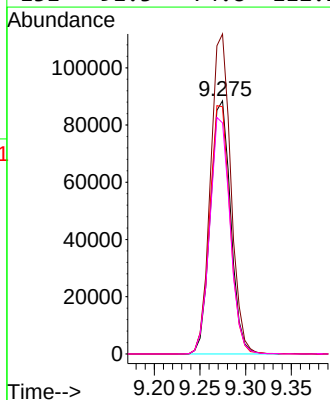
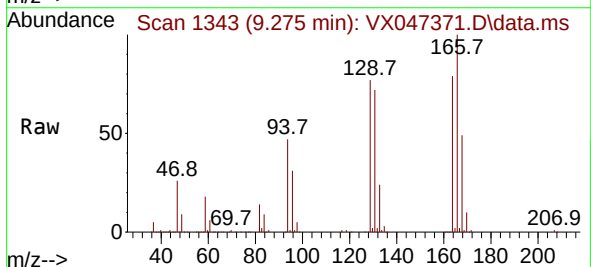
Manual Integrations
APPROVED

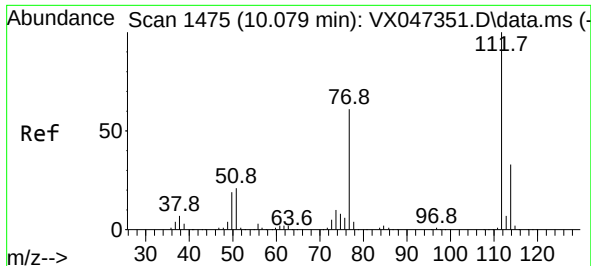
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#64
Tetrachloroethene
Concen: 48.259 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

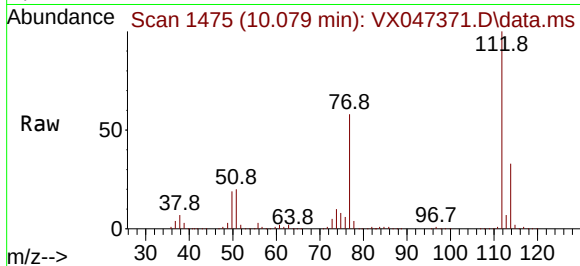
Tgt Ion:164 Resp: 135984
Ion Ratio Lower Upper
164 100
166 126.4 100.3 150.5
129 97.7 77.7 116.5
131 91.3 74.8 112.2





#65
Chlorobenzene
Concen: 47.514 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

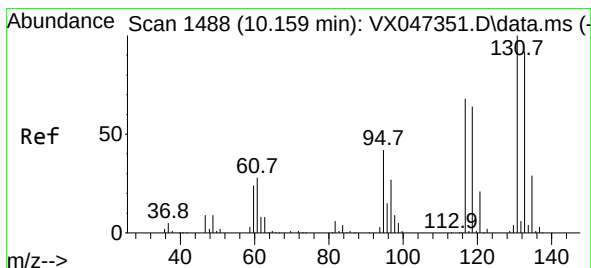
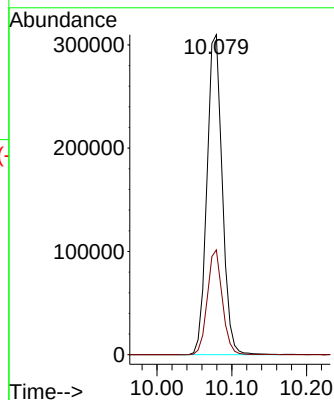
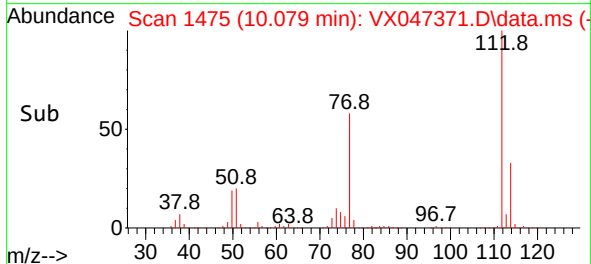
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



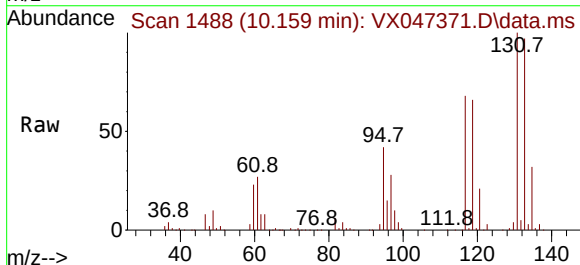
Tgt Ion:112 Resp: 43986
Ion Ratio Lower Upper
112 100
114 32.7 26.4 39.6

Manual Integrations
APPROVED

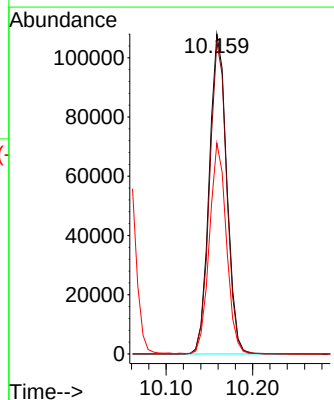
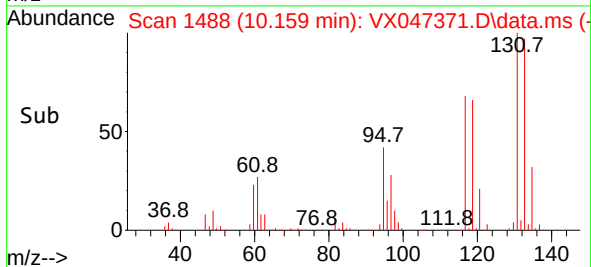
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

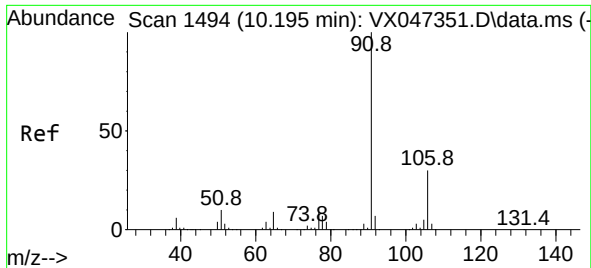


#66
1,1,1,2-Tetrachloroethane
Concen: 48.384 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00



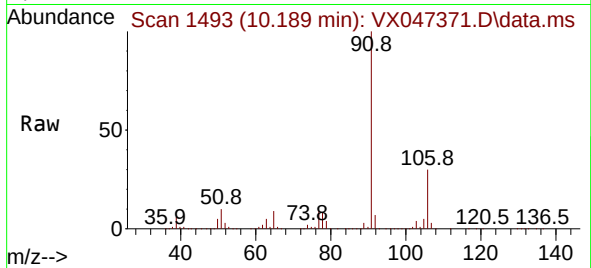
Tgt Ion:131 Resp: 151414
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 63.8 32.3 96.8





#67
Ethyl Benzene
Concen: 48.124 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

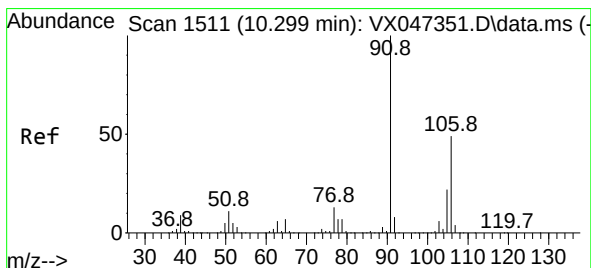
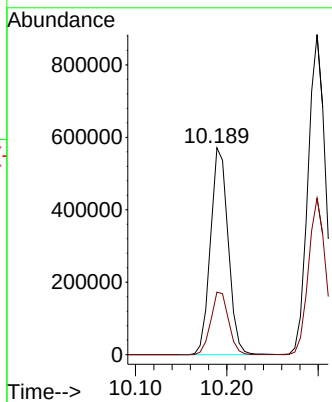
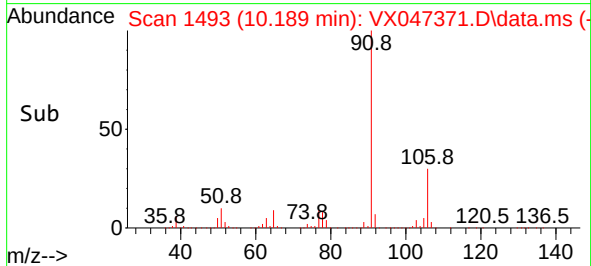
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 766794
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6

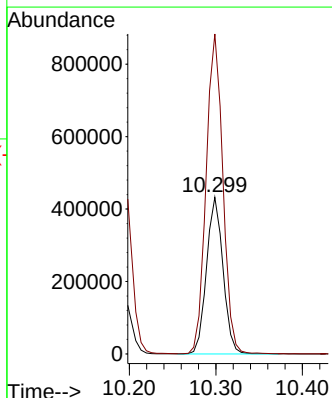
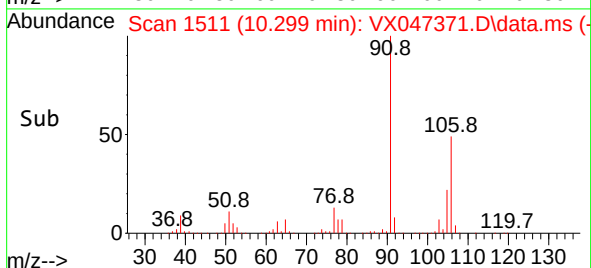
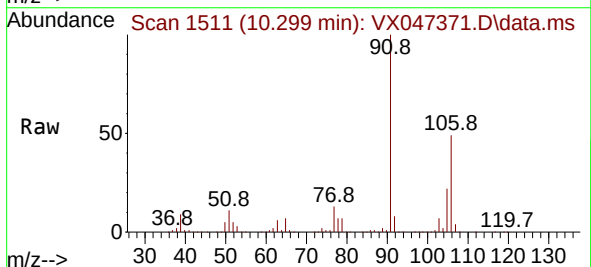
Manual Integrations
APPROVED

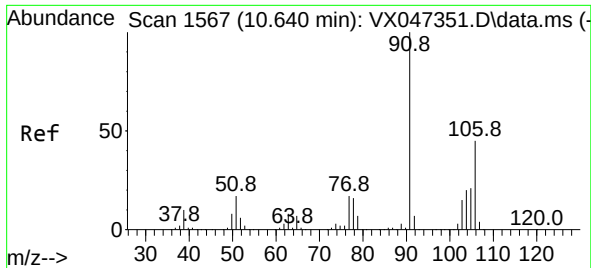
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#68
m/p-Xylenes
Concen: 96.341 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Tgt Ion:106 Resp: 572388
Ion Ratio Lower Upper
106 100
91 208.0 164.7 247.1





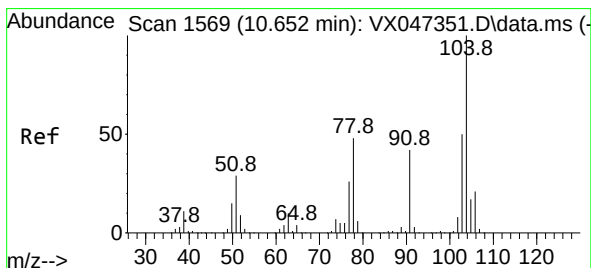
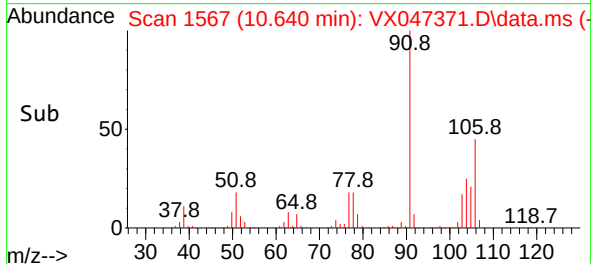
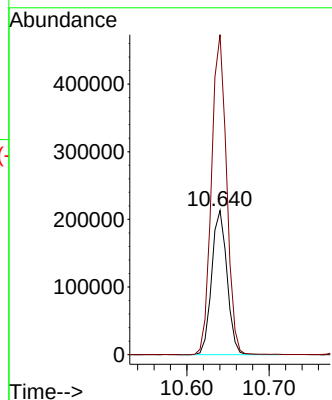
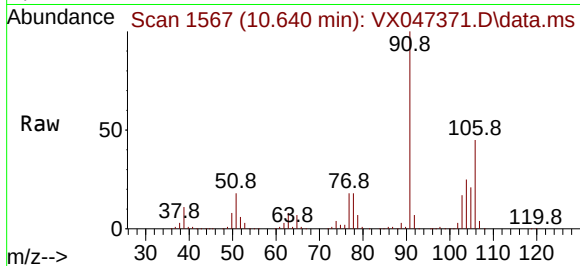
#69
o-Xylene
Concen: 48.267 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 275968
Ion Ratio Lower Upper
106 100
91 219.5 110.6 331.8

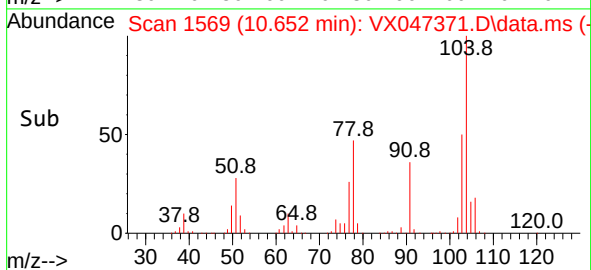
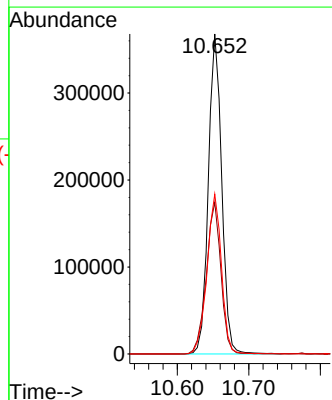
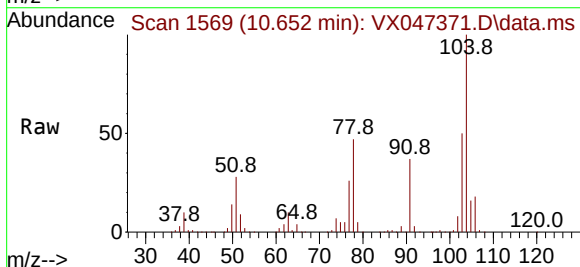
Manual Integrations
APPROVED

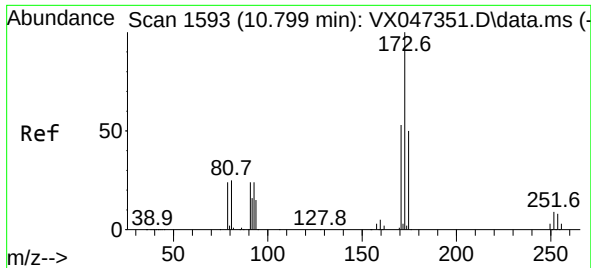
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#70
Styrene
Concen: 49.483 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

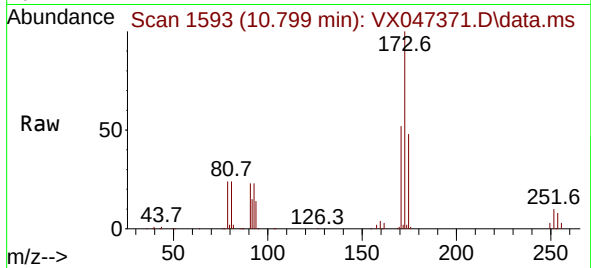
Tgt Ion:104 Resp: 478038
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 54.2 43.6 65.4





#71
Bromoform
Concen: 49.276 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

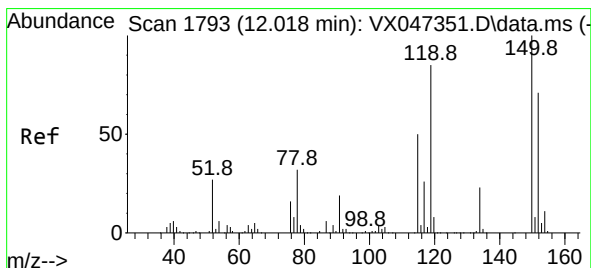
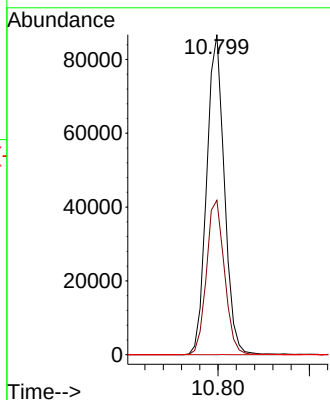
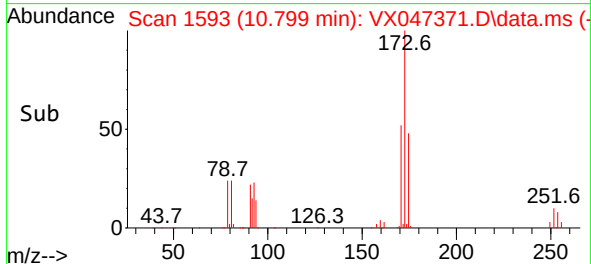
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



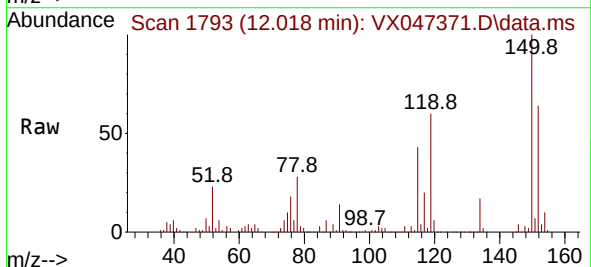
Tgt Ion:173 Resp: 115849
Ion Ratio Lower Upper
173 100
175 49.4 24.4 73.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

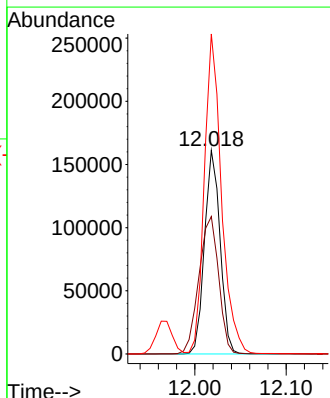
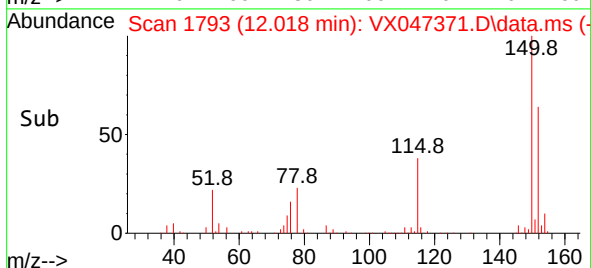
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

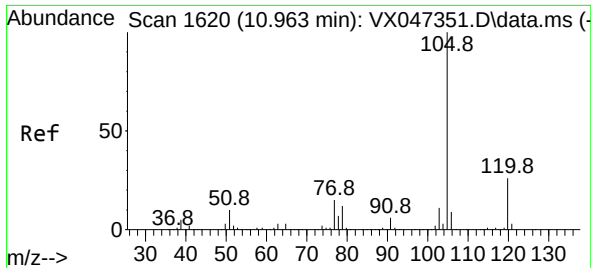


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00



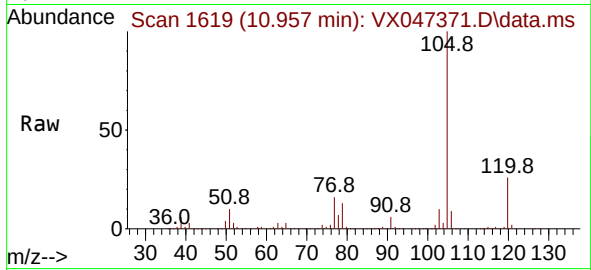
Tgt Ion:152 Resp: 190181
Ion Ratio Lower Upper
152 100
115 85.8 44.6 133.8
150 173.9 0.0 349.8





#73
Isopropylbenzene
Concen: 48.628 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

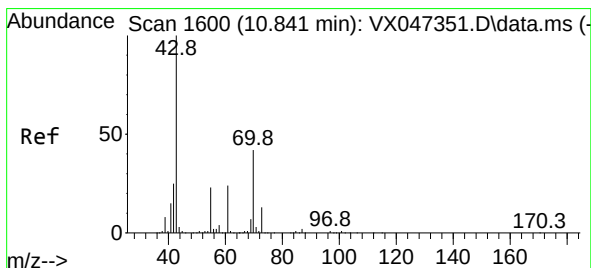
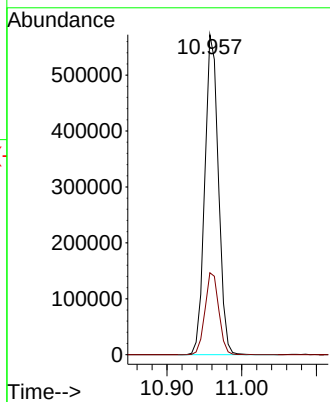
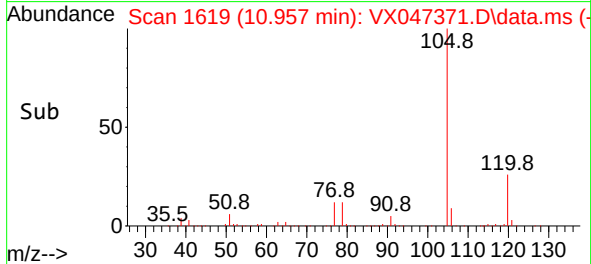
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



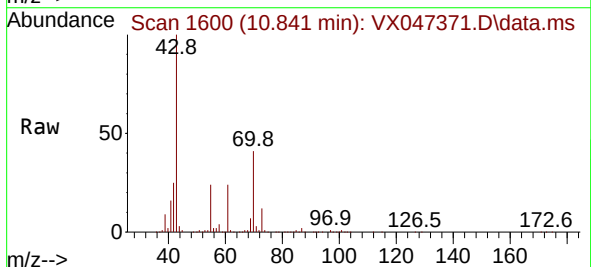
Tgt Ion:105 Resp: 723700
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

Manual Integrations
APPROVED

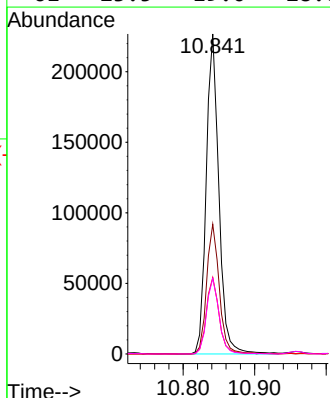
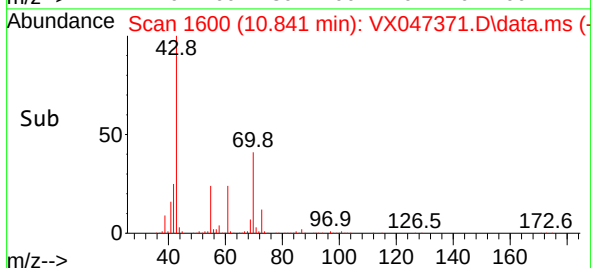
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

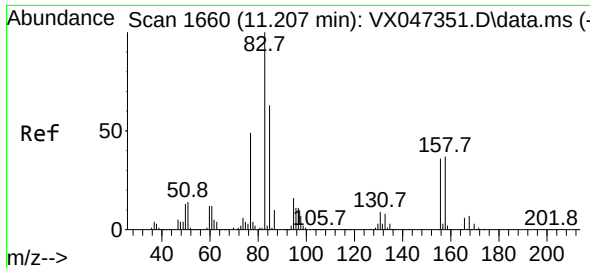


#74
N-ethyl acetate
Concen: 49.291 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00



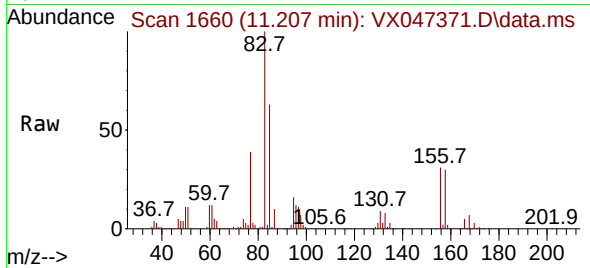
Tgt Ion: 43 Resp: 278569
Ion Ratio Lower Upper
43 100
70 40.5 33.1 49.7
55 24.3 19.0 28.6
61 23.5 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 47.887 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

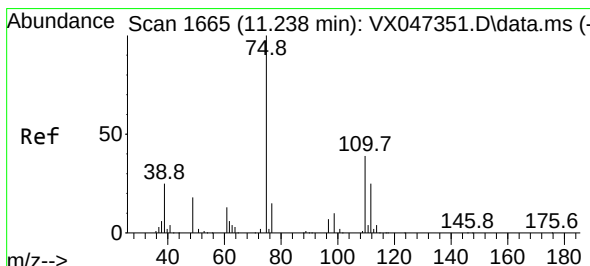
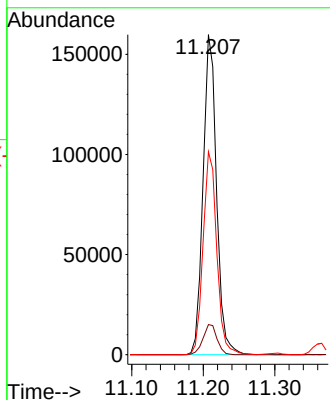
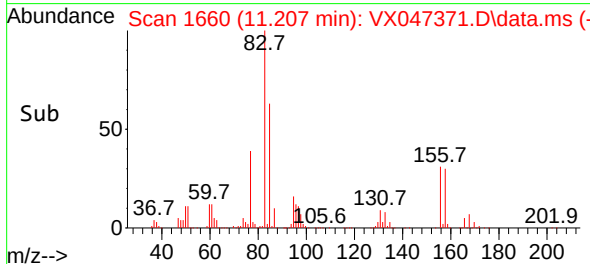
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 20924
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 64.4 31.7 95.1

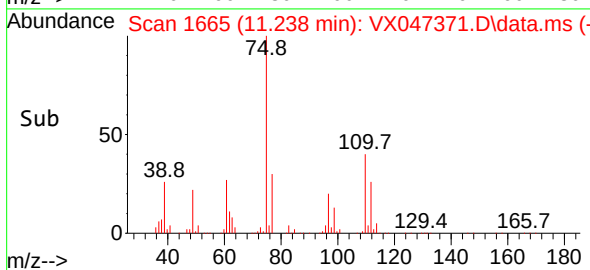
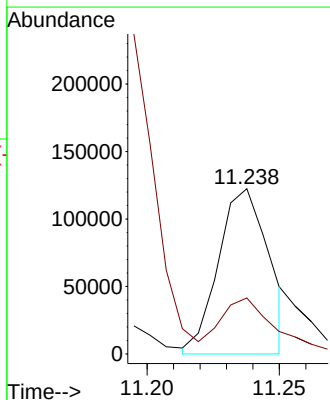
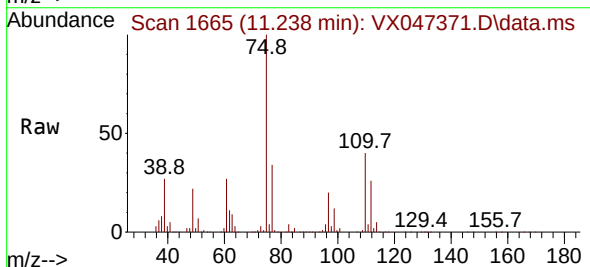
Manual Integrations
APPROVED

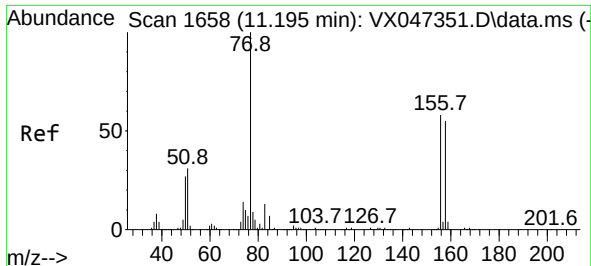
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#76
1,2,3-Trichloropropane
Concen: 46.476 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

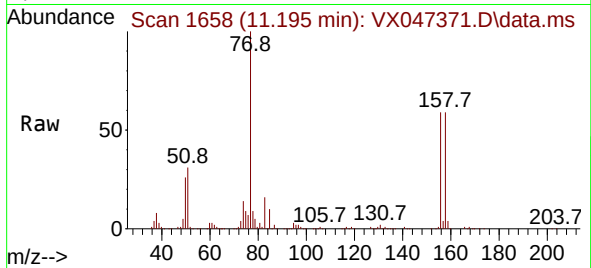
Tgt Ion: 75 Resp: 162113
Ion Ratio Lower Upper
75 100
77 37.6 19.4 58.2





#77
Bromobenzene
Concen: 47.261 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

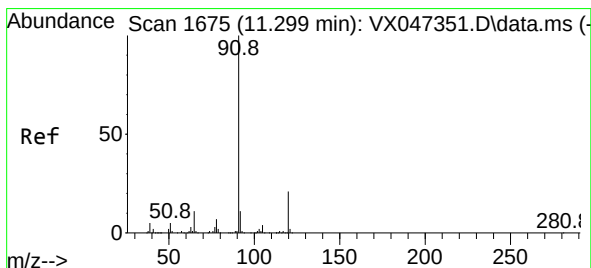
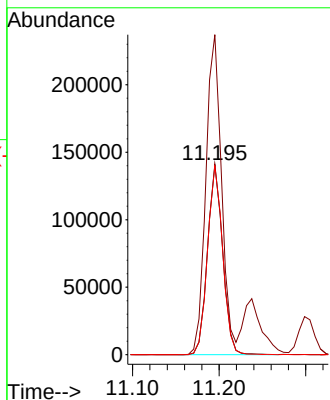
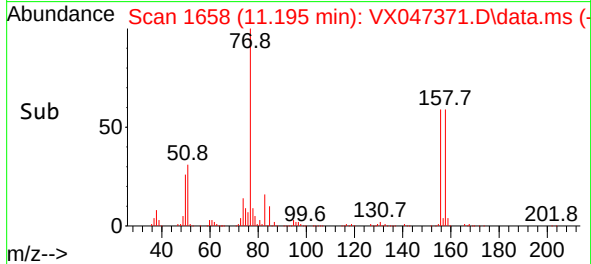
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 171750
Ion Ratio Lower Upper
156 100
77 173.9 86.3 258.9
158 99.3 48.0 144.2

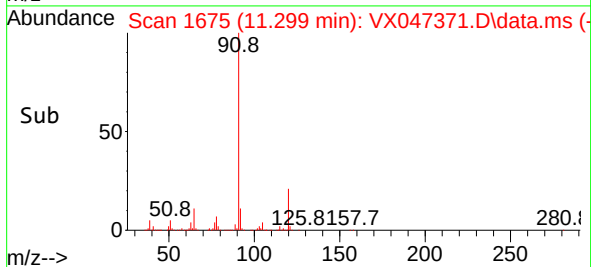
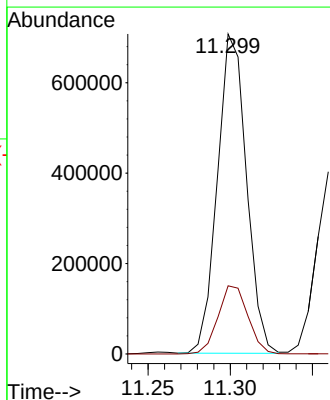
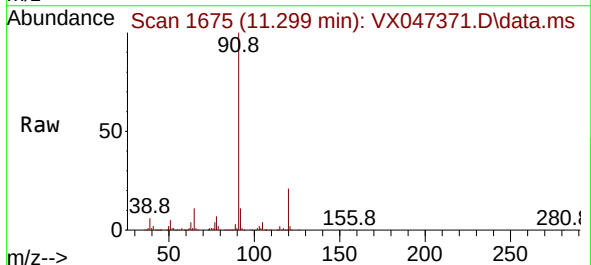
Manual Integrations
APPROVED

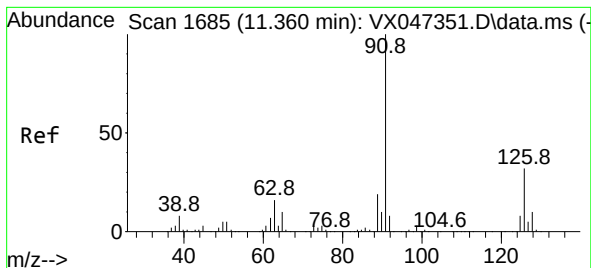
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#78
n-propylbenzene
Concen: 48.892 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

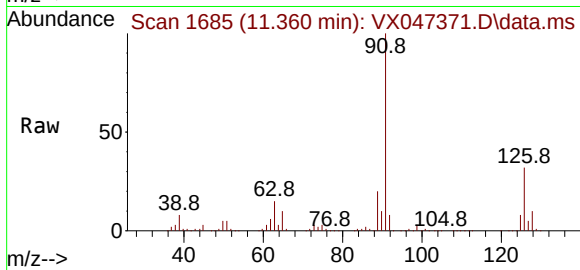
Tgt Ion: 91 Resp: 869019
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0





#79
2-Chlorotoluene
Concen: 46.898 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

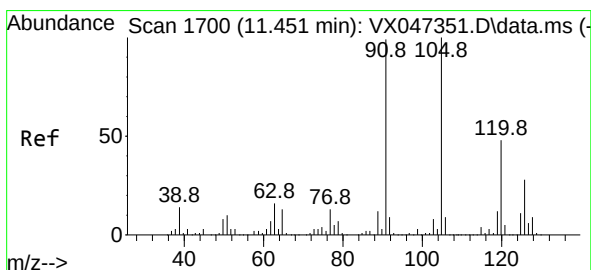
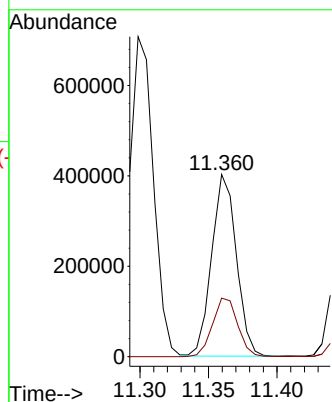
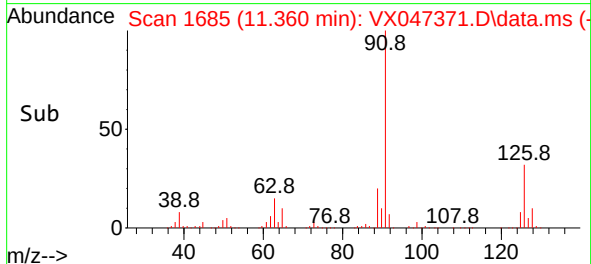
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



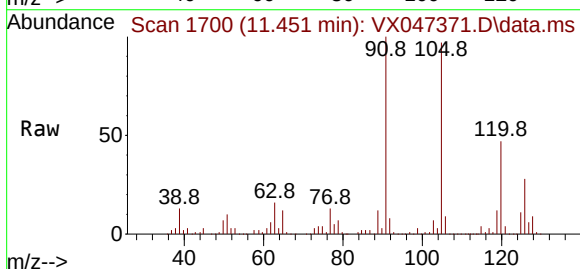
Tgt Ion: 91 Resp: 503902
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.1

Manual Integrations
APPROVED

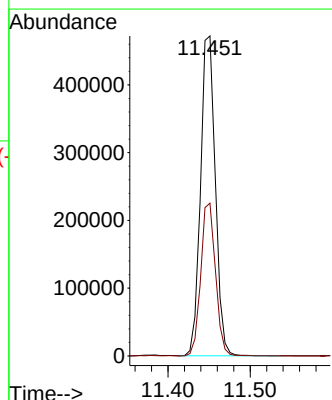
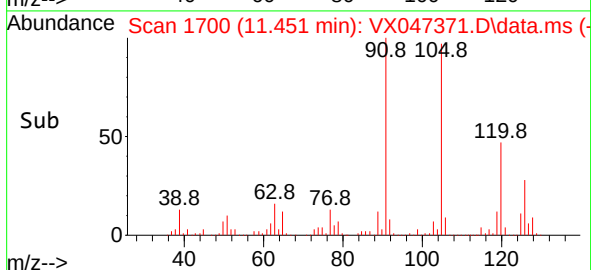
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

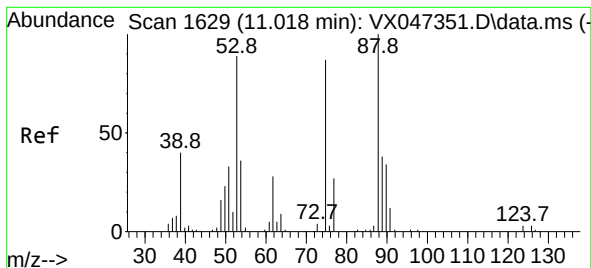


#80
1,3,5-Trimethylbenzene
Concen: 48.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00



Tgt Ion:105 Resp: 590722
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.7





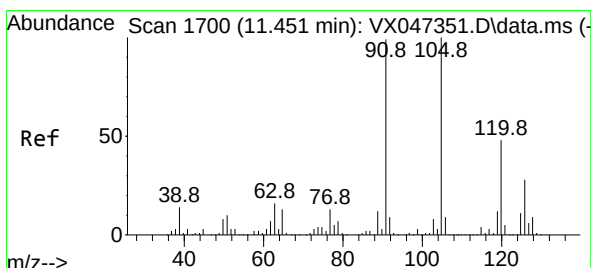
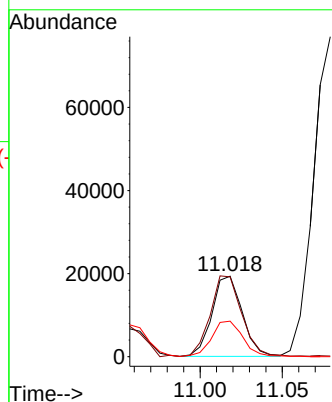
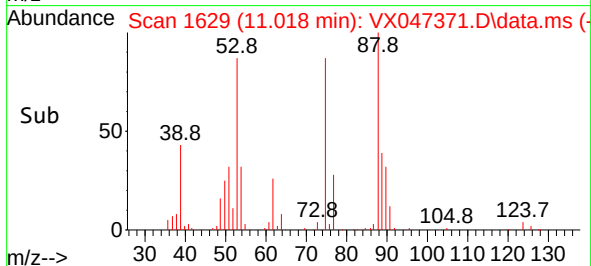
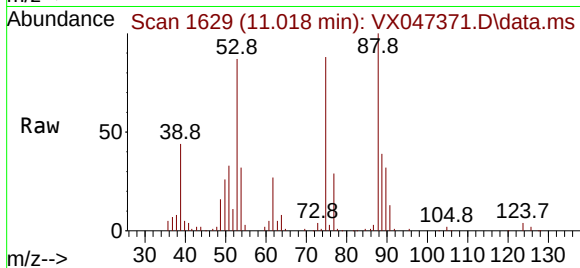
#81
trans-1,4-Dichloro-2-butene
Concen: 33.692 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 24594
Ion Ratio Lower Upper
75 100
53 105.0 85.2 127.8
89 46.1 36.7 55.1

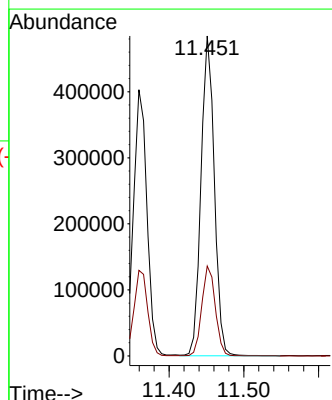
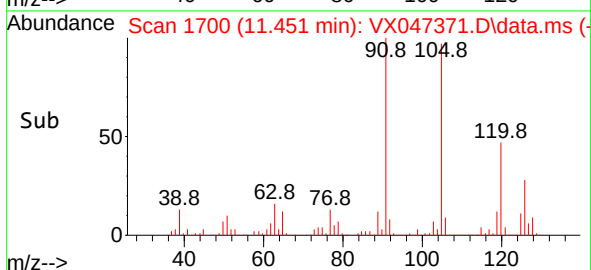
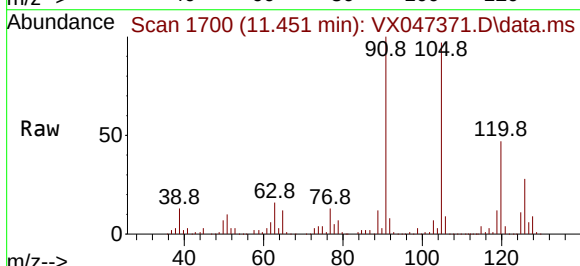
Manual Integrations
APPROVED

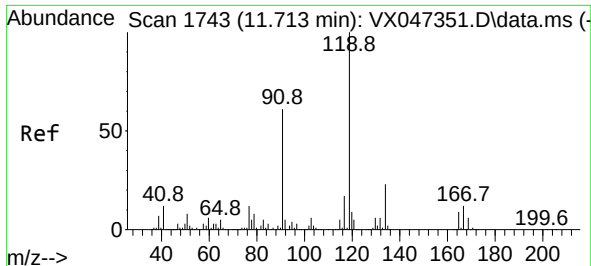
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#82
4-Chlorotoluene
Concen: 47.174 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

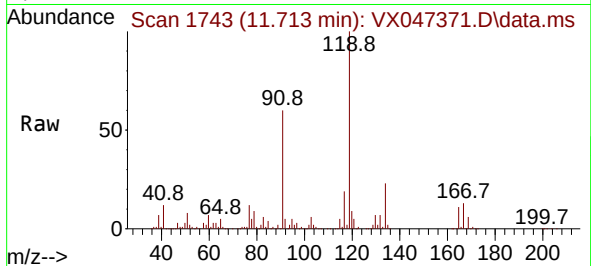
Tgt Ion: 91 Resp: 597497
Ion Ratio Lower Upper
91 100
126 28.5 14.4 43.0





#83
tert-Butylbenzene
Concen: 48.866 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

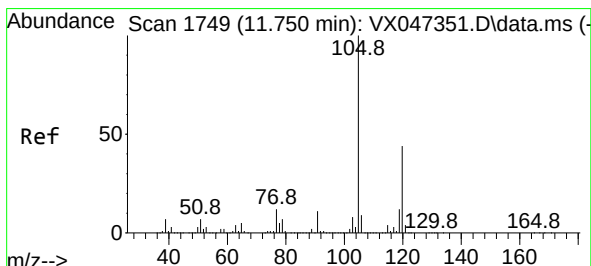
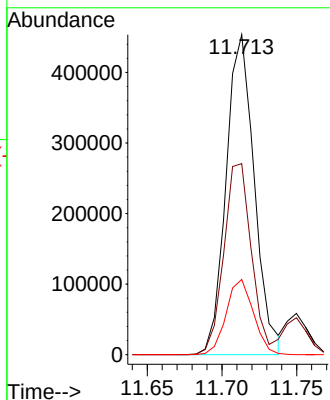
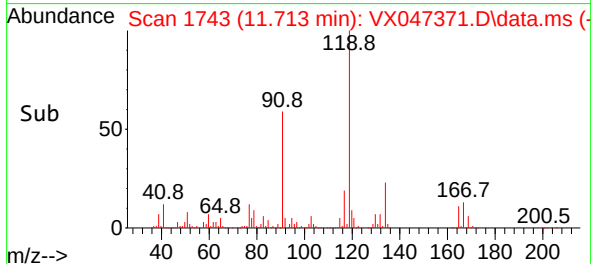
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



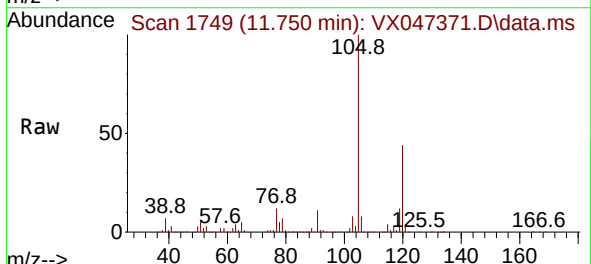
Tgt Ion:119 Resp: 596984
Ion Ratio Lower Upper
119 100
91 58.0 29.1 87.4
134 22.7 11.3 33.9

Manual Integrations
APPROVED

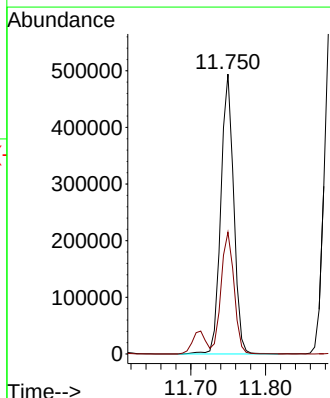
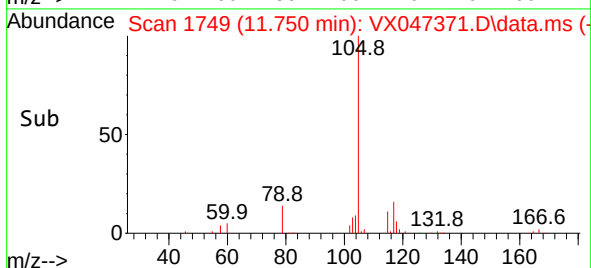
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

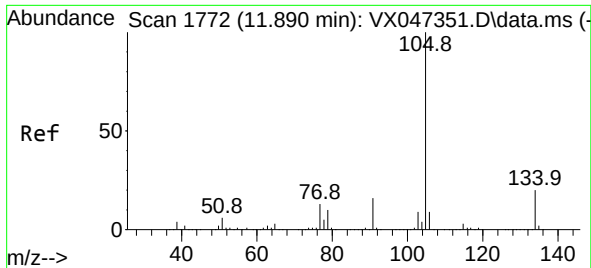


#84
1,2,4-Trimethylbenzene
Concen: 48.380 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00



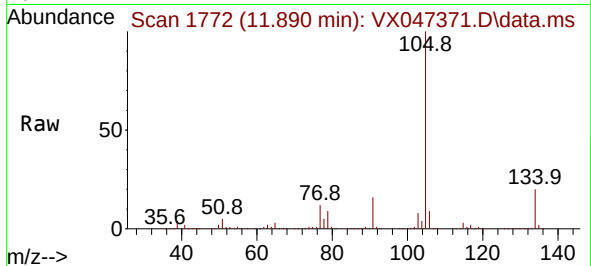
Tgt Ion:105 Resp: 592440
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 48.547 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047371.D
 Acq: 18 Aug 2025 10:00

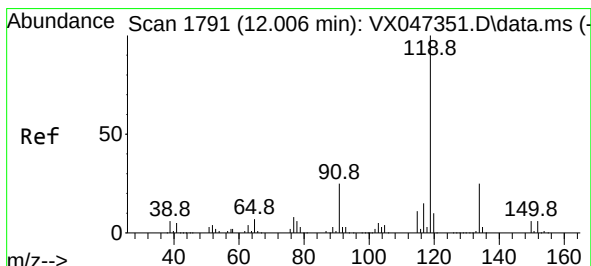
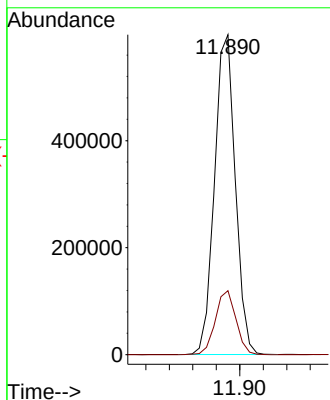
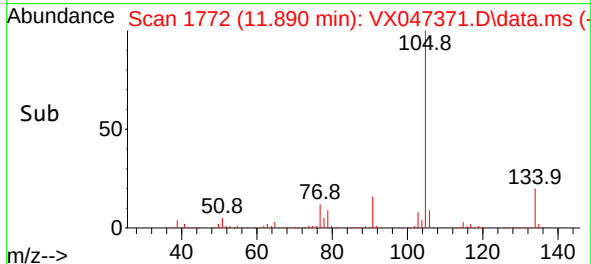
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



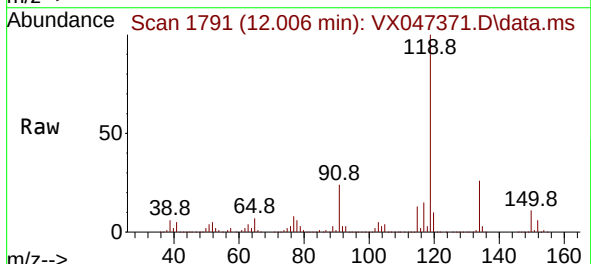
Tgt Ion:105 Resp: 73511
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5

Manual Integrations
 APPROVED

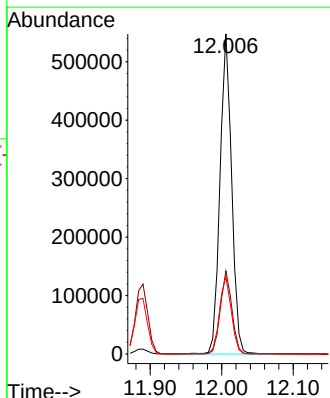
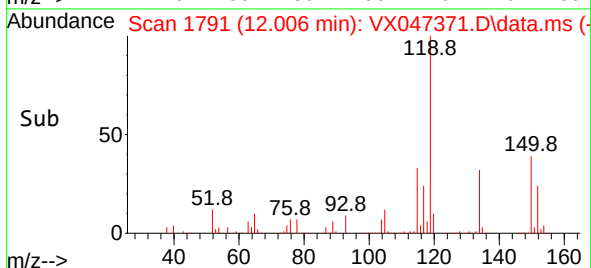
Reviewed By :John Carlone 08/19/2025
 Supervised By :Mahesh Dadoda 08/20/2025

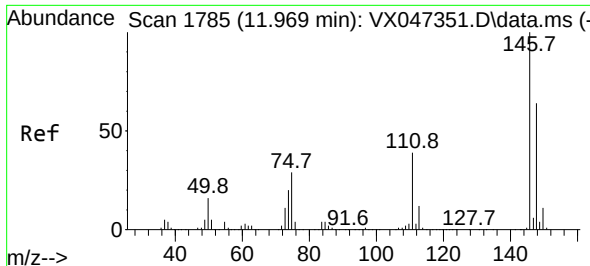


#86
 p-Isopropyltoluene
 Concen: 48.304 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047371.D
 Acq: 18 Aug 2025 10:00



Tgt Ion:119 Resp: 618942
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.819 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047371.D

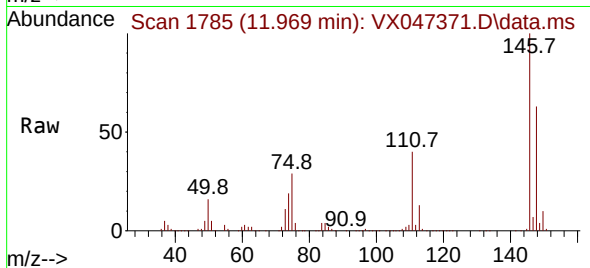
Acq: 18 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 325052

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.8

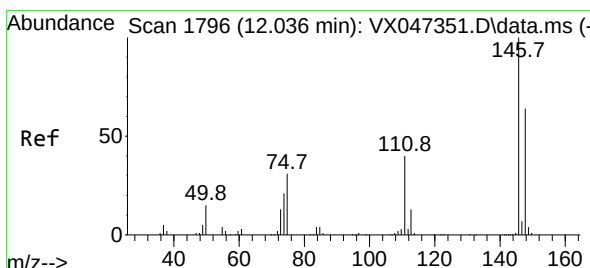
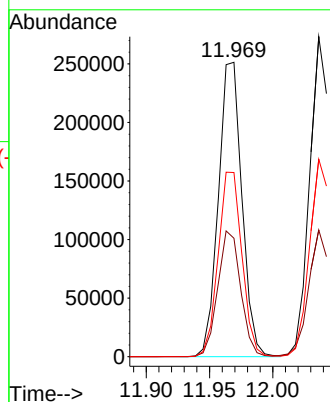
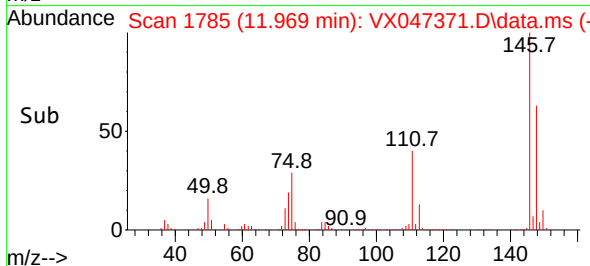
148 63.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#88

1,4-Dichlorobenzene

Concen: 45.783 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

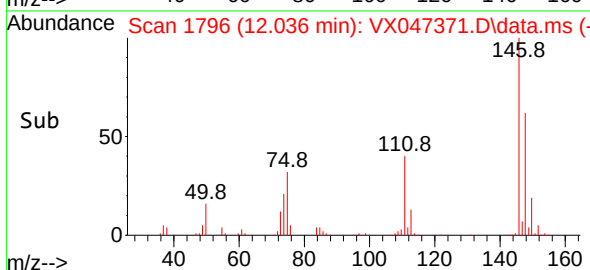
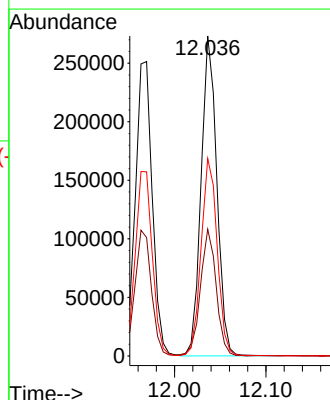
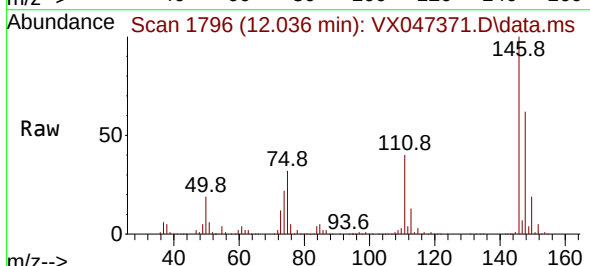
Tgt Ion:146 Resp: 326917

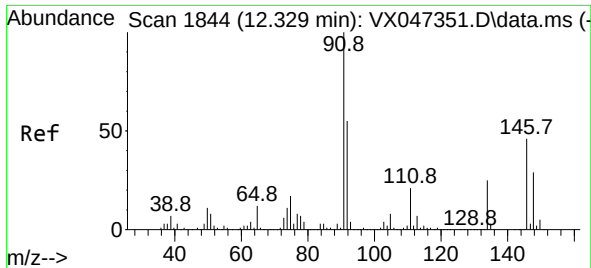
Ion Ratio Lower Upper

146 100

111 40.0 20.4 61.2

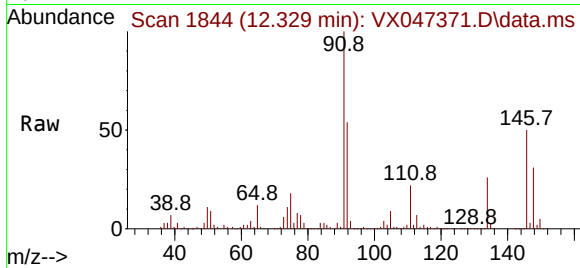
148 63.3 31.7 95.1





#89
n-Butylbenzene
Concen: 47.792 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

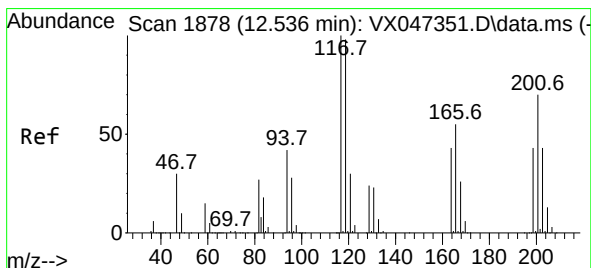
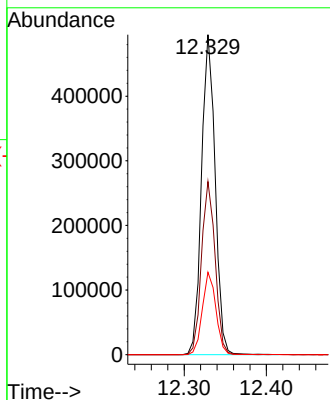
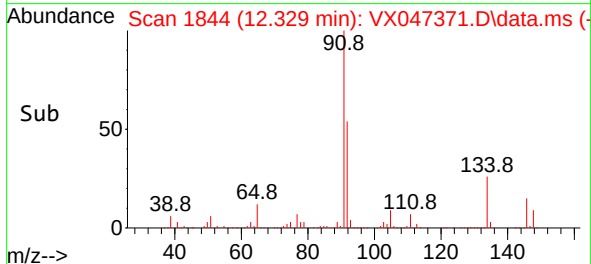
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 569584
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.5
134 25.7 12.6 37.8

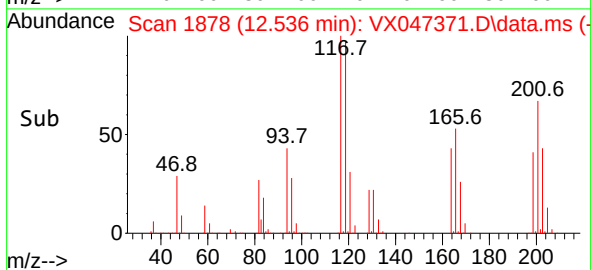
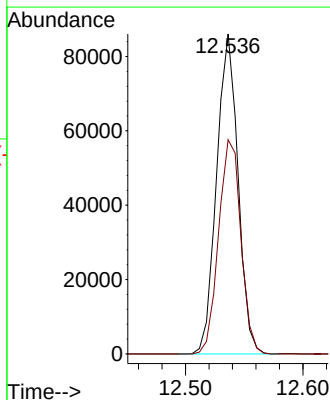
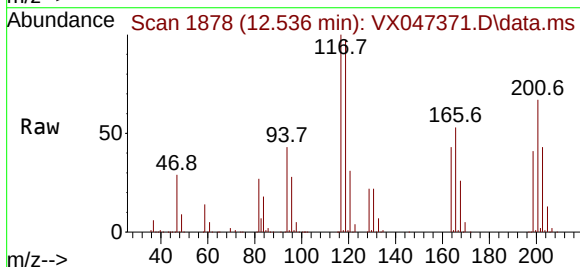
Manual Integrations
APPROVED

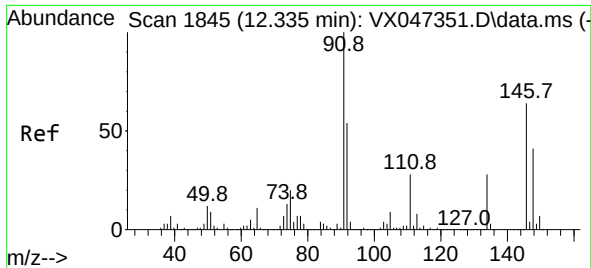
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#90
Hexachloroethane
Concen: 48.462 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

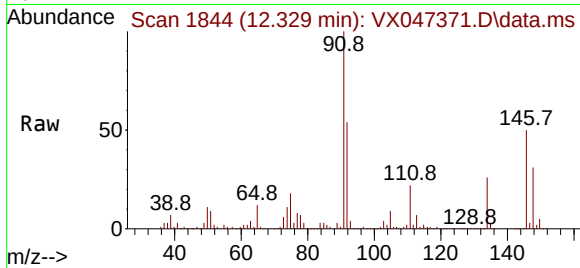
Tgt Ion:117 Resp: 108936
Ion Ratio Lower Upper
117 100
201 69.8 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 47.206 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

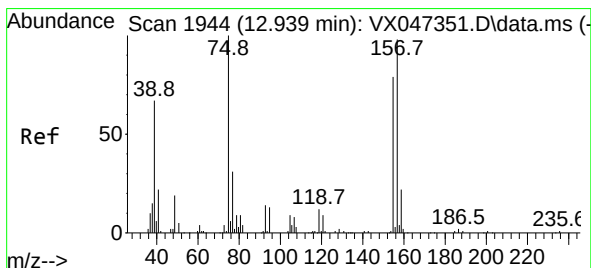
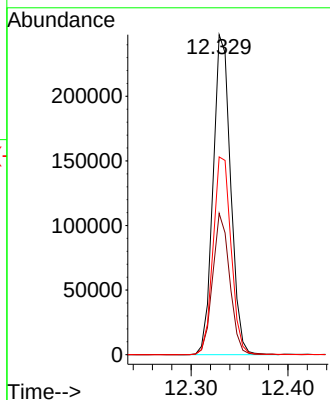
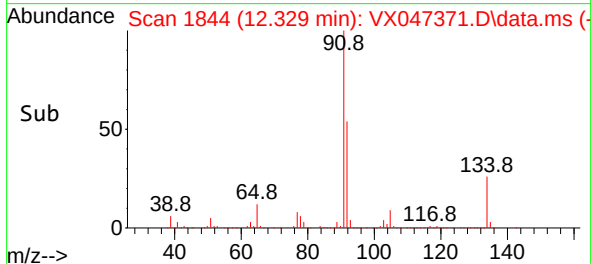
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 31108
Ion Ratio Lower Upper
146 100
111 43.0 22.1 66.1
148 63.6 31.9 95.5

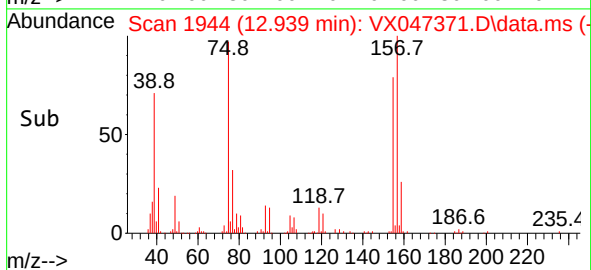
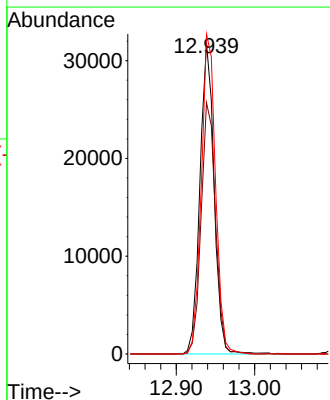
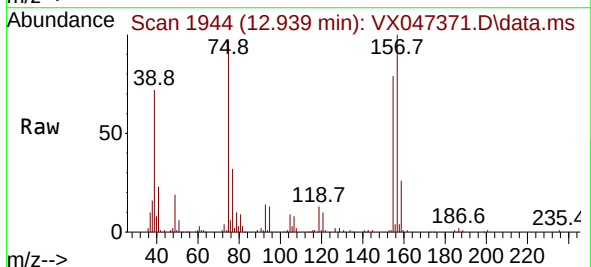
Manual Integrations
APPROVED

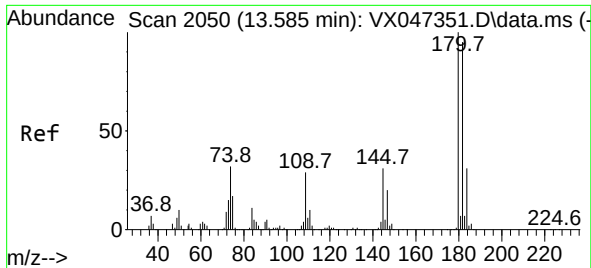
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.241 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

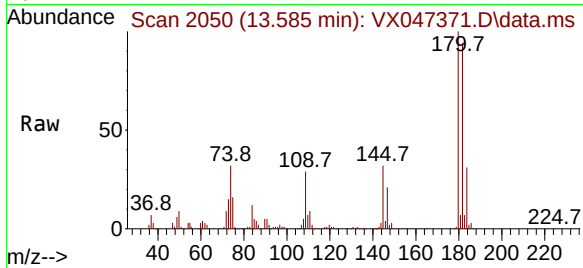
Tgt Ion: 75 Resp: 39921
Ion Ratio Lower Upper
75 100
155 82.1 41.3 123.7
157 103.5 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 45.933 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00

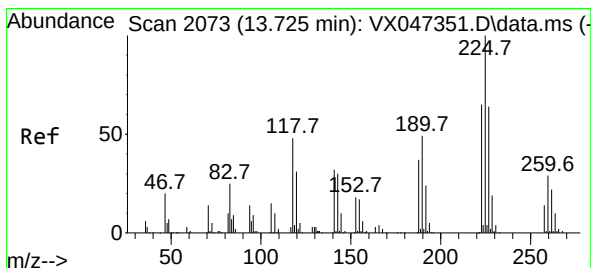
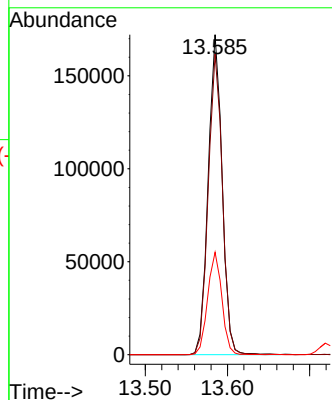
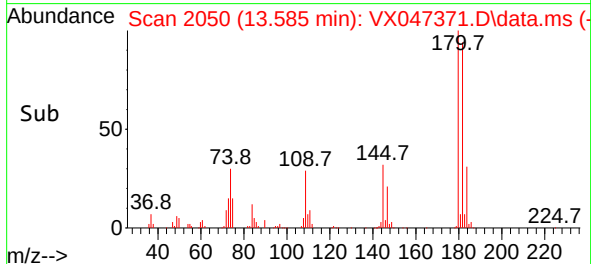
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



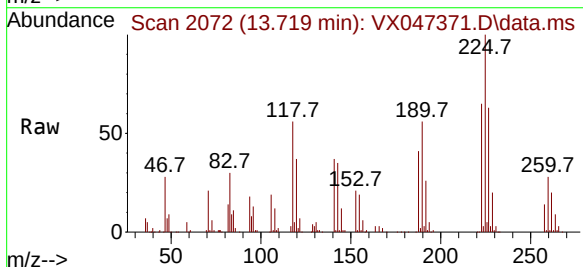
Tgt Ion:180 Resp: 20292
Ion Ratio Lower Upper
180 100
182 95.0 48.1 144.4
145 32.5 16.2 48.5

Manual Integrations
APPROVED

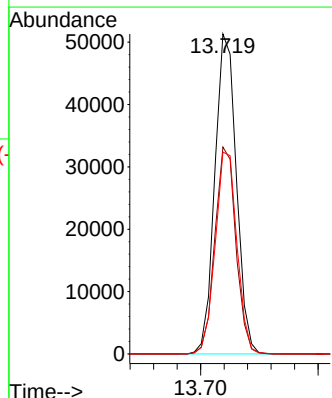
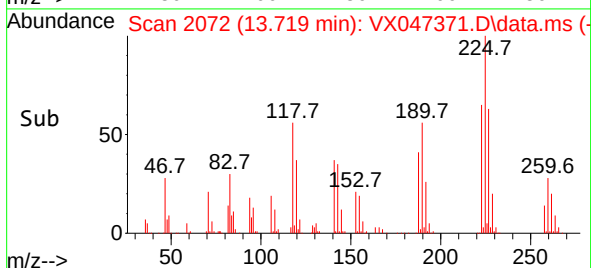
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

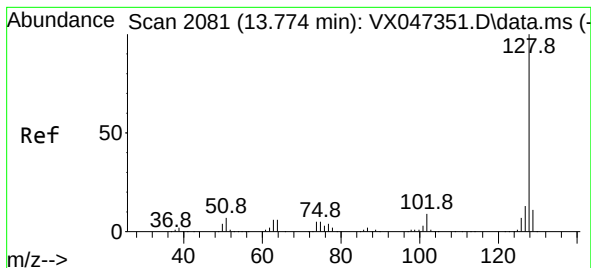


#94
Hexachlorobutadiene
Concen: 41.446 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX047371.D
Acq: 18 Aug 2025 10:00



Tgt Ion:225 Resp: 65173
Ion Ratio Lower Upper
225 100
223 63.4 32.2 96.6
227 63.8 31.6 95.0





#95

Naphthalene

Concen: 47.948 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

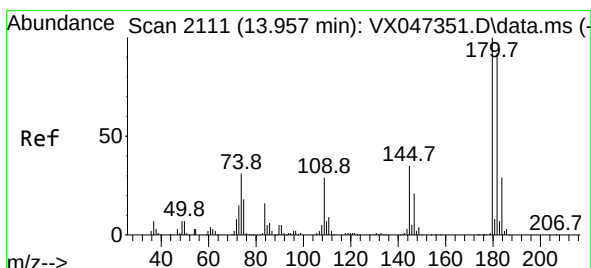
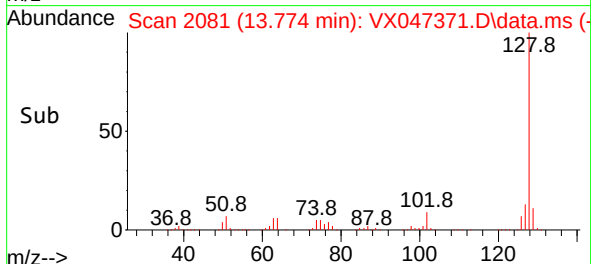
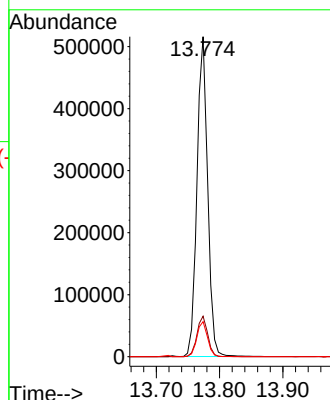
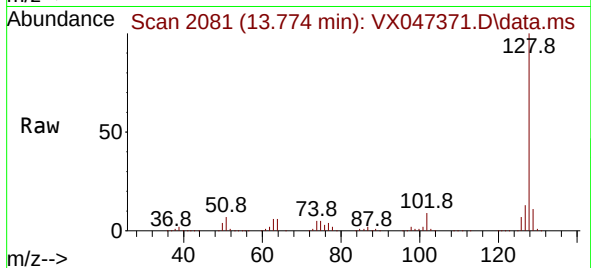
Tgt Ion:128 Resp: 60533
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.1 15.1
 129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2025

Supervised By :Mahesh Dadoda 08/20/2025



#96

1,2,3-Trichlorobenzene

Concen: 47.001 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX047371.D

Acq: 18 Aug 2025 10:00

Tgt Ion:180 Resp: 195721
 Ion Ratio Lower Upper
 180 100
 182 93.9 48.0 144.2
 145 34.7 17.4 52.2

