

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047400.D
 Acq On : 19 Aug 2025 09:37
 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 08/20/2025
 Supervised By : Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 10:00:17 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	5.562	168	203851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	167955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164085	57.514	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.020%			
35) Dibromofluoromethane	5.391	113	125647	53.029	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.060%			
50) Toluene-d8	8.647	98	428388	50.584	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.160%			
62) 4-Bromofluorobenzene	11.079	95	166205	53.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	118983	45.787	ug/l	100
3) Chloromethane	1.313	50	115723	49.503	ug/l	98
4) Vinyl Chloride	1.392	62	134206	45.739	ug/l	93
5) Bromomethane	1.624	94	54388	45.891	ug/l	97
6) Chloroethane	1.703	64	83086	46.281	ug/l	98
7) Trichlorofluoromethane	1.904	101	195173	44.970	ug/l	98
8) Diethyl Ether	2.148	74	84247	55.128	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	118600	47.108	ug/l	99
10) Methyl Iodide	2.471	142	182007	42.186	ug/l	99
11) Tert butyl alcohol	2.959	59	73438	295.893	ug/l	99
12) 1,1-Dichloroethene	2.337	96	121485	47.332	ug/l	97
13) Acrolein	2.246	56	147637	281.792	ug/l	100
14) Allyl chloride	2.678	41	225494	50.583	ug/l	99
15) Acrylonitrile	3.081	53	342772	285.809	ug/l	100
16) Acetone	2.392	43	286462	267.129	ug/l	99
17) Carbon Disulfide	2.526	76	347652	44.886	ug/l	100
18) Methyl Acetate	2.715	43	158065	56.879	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	434808	55.686	ug/l	98
20) Methylene Chloride	2.800	84	149480	52.640	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	133669	49.068	ug/l	96
22) Diisopropyl ether	3.770	45	486194	55.175	ug/l	95
23) Vinyl Acetate	3.727	43	2049454	283.754	ug/l	100
24) 1,1-Dichloroethane	3.623	63	255069	51.211	ug/l	97
25) 2-Butanone	4.562	43	398410	283.674	ug/l	98
26) 2,2-Dichloropropane	4.483	77	185064	49.229	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	164241	51.764	ug/l	97
28) Bromochloromethane	4.904	49	126113	60.847	ug/l	100
29) Tetrahydrofuran	5.019	42	254725	280.608	ug/l	99
30) Chloroform	5.099	83	265903	52.310	ug/l	98
31) Cyclohexane	5.477	56	202692	44.146	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	212180	48.495	ug/l	99
36) 1,1-Dichloropropene	5.702	75	168226	44.977	ug/l	99
37) Ethyl Acetate	4.721	43	196036	50.486	ug/l	98
38) Carbon Tetrachloride	5.684	117	183778	44.963	ug/l	99
39) Methylcyclohexane	7.385	83	197227	42.274	ug/l	95
40) Benzene	6.044	78	545222	48.701	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	83588	51.049	ug/l	94
42) 1,2-Dichloroethane	6.092	62	204929	51.678	ug/l	99
43) Isopropyl Acetate	6.342	43	298419	53.497	ug/l	100
44) Trichloroethene	7.129	130	131351	45.821	ug/l	93
45) 1,2-Dichloropropane	7.434	63	142494	50.806	ug/l	99
46) Dibromomethane	7.580	93	103627	50.893	ug/l	99
47) Bromodichloromethane	7.824	83	215133	50.965	ug/l	99
48) Methyl methacrylate	7.690	41	154171	53.246	ug/l	99
49) 1,4-Dioxane	7.684	88	32666	1160.527	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	875170	272.635	ug/l	99
52) Toluene	8.720	92	333637	48.228	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	201870	54.796	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	220487	52.876	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	137274	52.264	ug/l	96
56) Ethyl methacrylate	9.116	69	211825	54.700	ug/l	99
57) 1,3-Dichloropropane	9.305	76	233945	52.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	493500	266.315	ug/l	99
59) 2-Hexanone	9.427	43	601025	270.676	ug/l	100
60) Dibromochloromethane	9.519	129	162215	51.968	ug/l	99
61) 1,2-Dibromoethane	9.610	107	141178	52.124	ug/l	100
64) Tetrachloroethene	9.275	164	106511	44.081	ug/l	98
65) Chlorobenzene	10.080	112	376884	47.476	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	132983	49.556	ug/l	99
67) Ethyl Benzene	10.195	91	642247	47.006	ug/l	100
68) m/p-Xylenes	10.299	106	484787	95.157	ug/l	100
69) o-Xylene	10.640	106	233222	47.570	ug/l	99
70) Styrene	10.653	104	417727	50.426	ug/l	100
71) Bromoform	10.799	173	105509	52.336	ug/l #	99
73) Isopropylbenzene	10.957	105	594503	45.232	ug/l	99
74) N-amyl acetate	10.842	43	263829	52.861	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	194960	50.522	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	152071m	49.366	ug/l	
77) Bromobenzene	11.195	156	157141	48.962	ug/l	98
78) n-propylbenzene	11.299	91	717602	45.715	ug/l	100
79) 2-Chlorotoluene	11.360	91	438581	46.220	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	505924	46.784	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30598	44.250	ug/l	100
82) 4-Chlorotoluene	11.451	91	521477	46.620	ug/l	100
83) tert-Butylbenzene	11.713	119	507953	47.081	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	513998	47.529	ug/l	99
85) sec-Butylbenzene	11.890	105	609145	45.552	ug/l	100
86) p-Isopropyltoluene	12.006	119	514402	45.458	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	285904	46.630	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	291680	46.253	ug/l	100
89) n-Butylbenzene	12.329	91	480705	45.672	ug/l	100
90) Hexachloroethane	12.536	117	91716	46.201	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	278982	47.938	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37258	49.925	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	187378	48.028	ug/l	99
94) Hexachlorobutadiene	13.725	225	63372	45.633	ug/l	100
95) Naphthalene	13.774	128	571033	51.217	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	181090	49.242	ug/l	100

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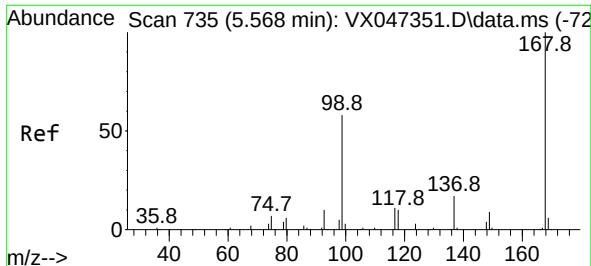
Manual Integrations
APPROVED

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Response via : Initial Calibration

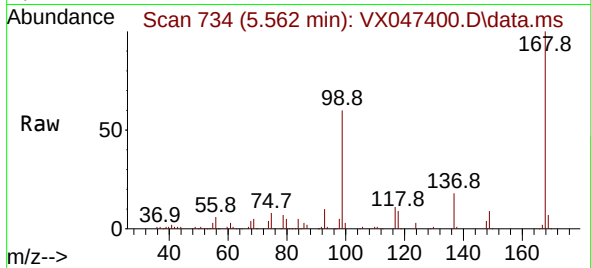
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
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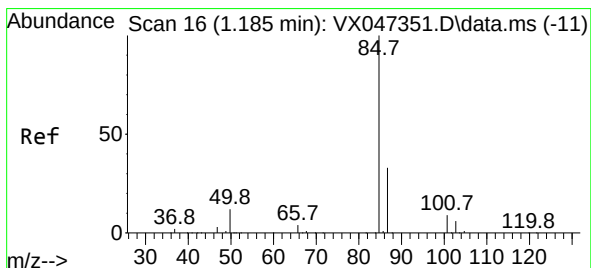
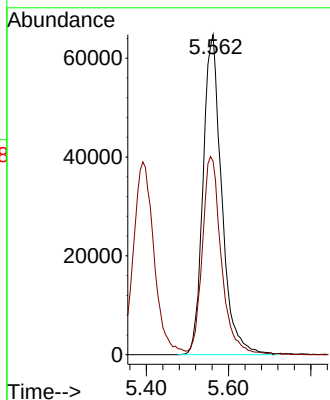
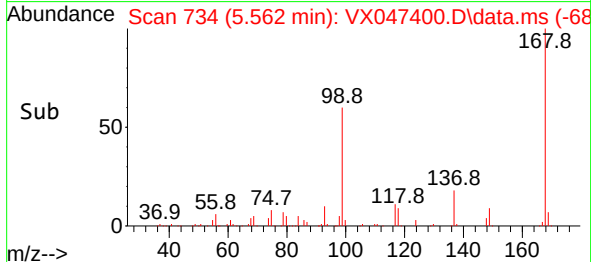
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 20385
Ion Ratio Lower Upper
168 100
99 60.1 47.9 71.9

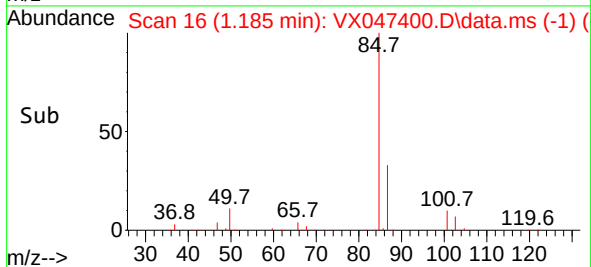
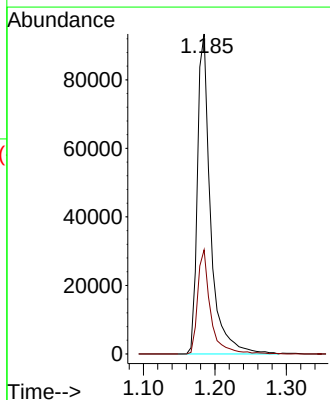
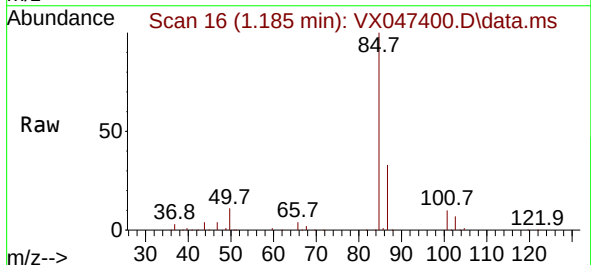
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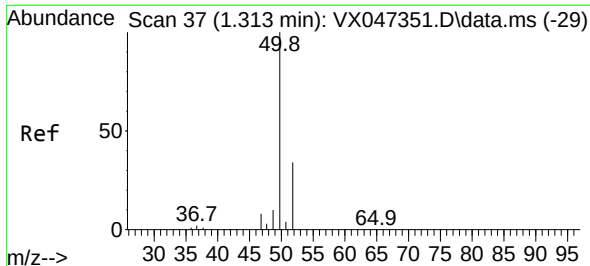
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#2
Dichlorodifluoromethane
Concen: 45.787 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

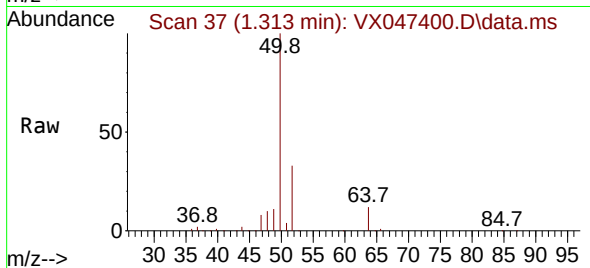
Tgt Ion: 85 Resp: 118983
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.1





#3
Chloromethane
Concen: 49.503 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

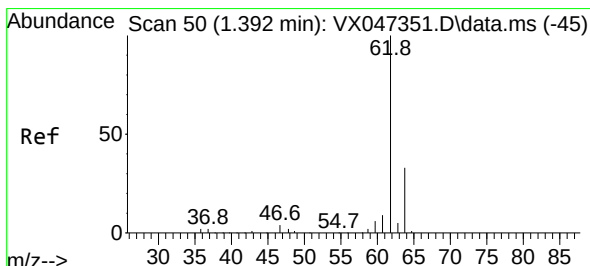
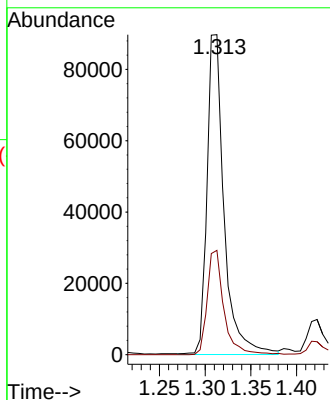
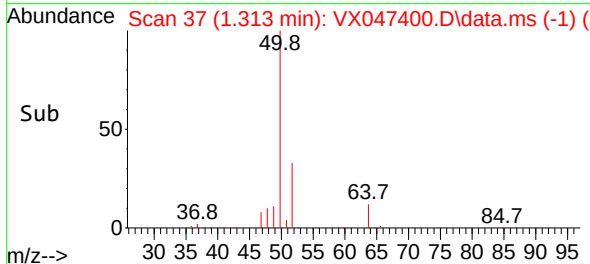
Instrument :
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Tgt Ion: 50 Resp: 11572
Ion Ratio Lower Upper
50 100
52 32.7 27.0 40.4

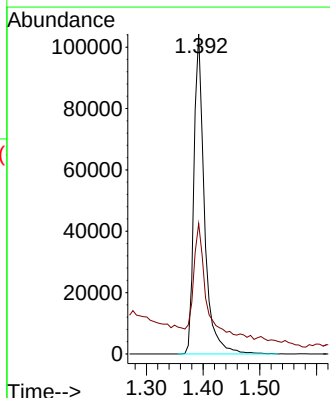
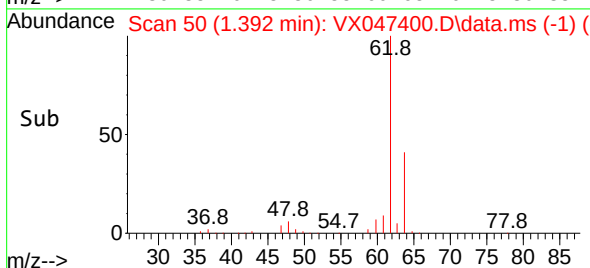
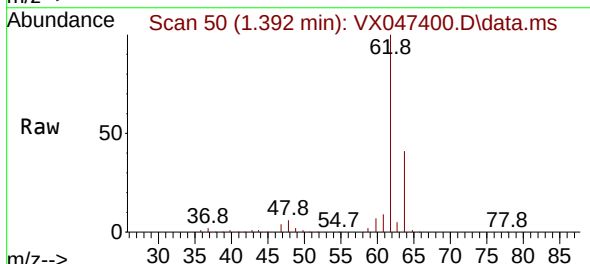
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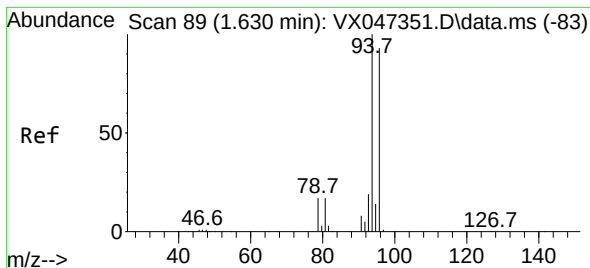
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#4
Vinyl Chloride
Concen: 45.739 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 62 Resp: 134206
Ion Ratio Lower Upper
62 100
64 36.9 26.5 39.7





#5

Bromomethane

Concen: 45.891 ug/l

RT: 1.624 min Scan# 89

Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 5438

Ion Ratio Lower Upper

94 100

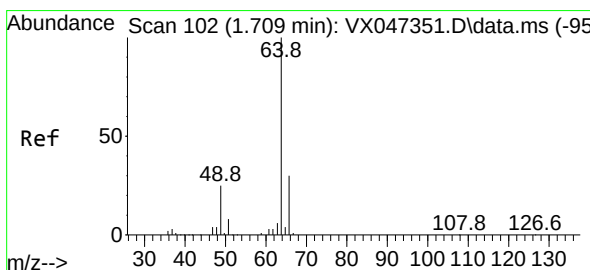
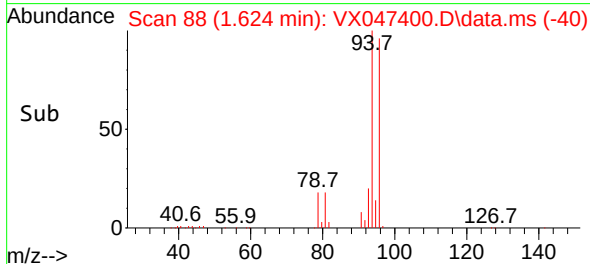
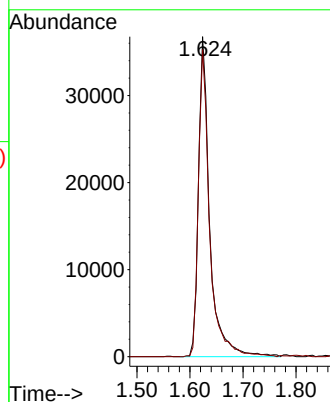
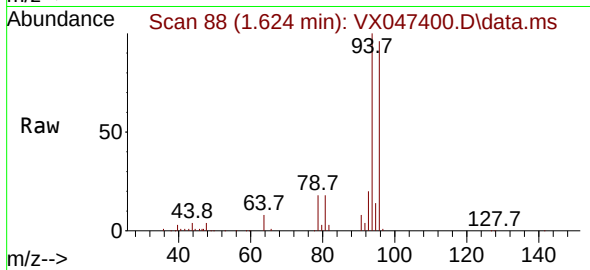
96 95.9 74.7 112.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#6

Chloroethane

Concen: 46.281 ug/l

RT: 1.703 min Scan# 101

Delta R.T. -0.006 min

Lab File: VX047400.D

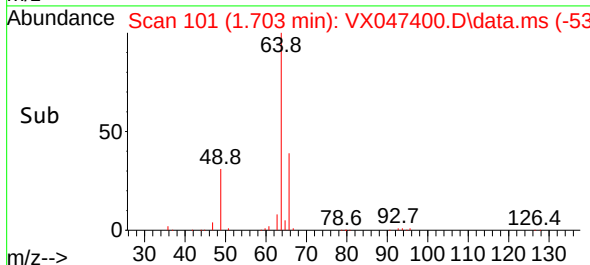
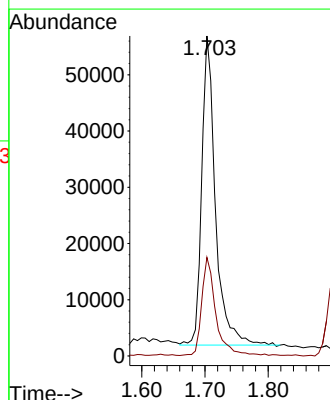
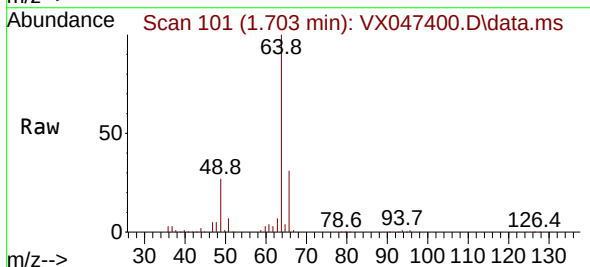
Acq: 19 Aug 2025 09:37

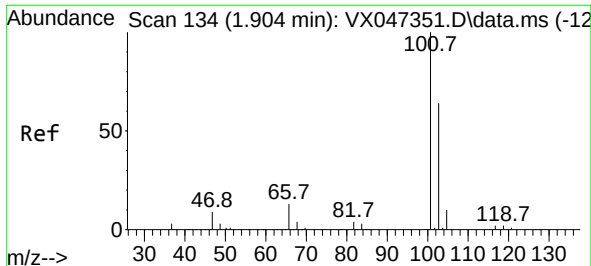
Tgt Ion: 64 Resp: 83086

Ion Ratio Lower Upper

64 100

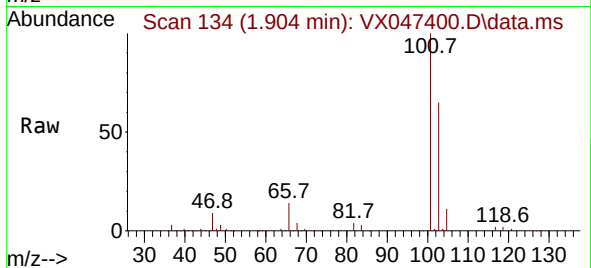
66 31.7 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 44.970 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047400.D
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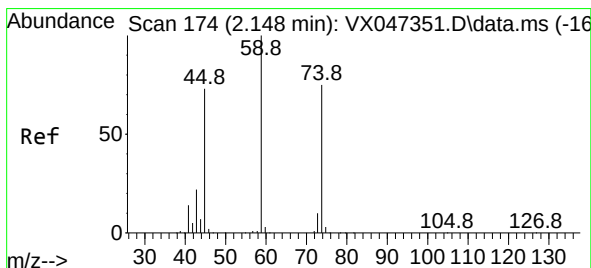
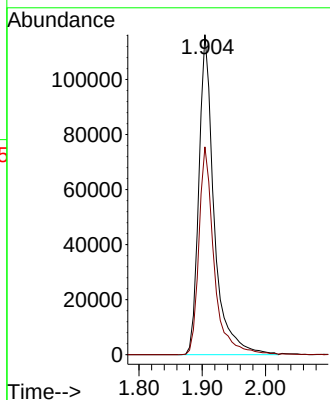
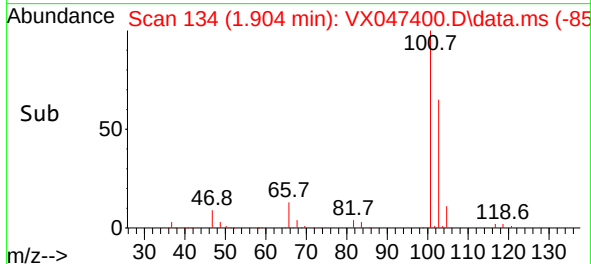
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 19517
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.9 76.3

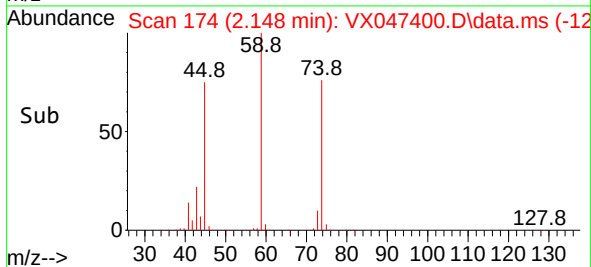
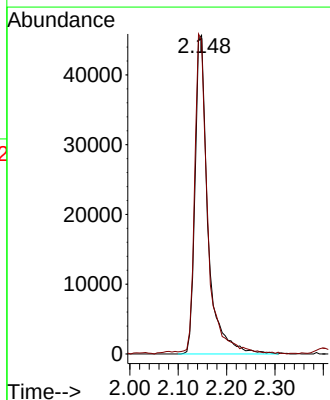
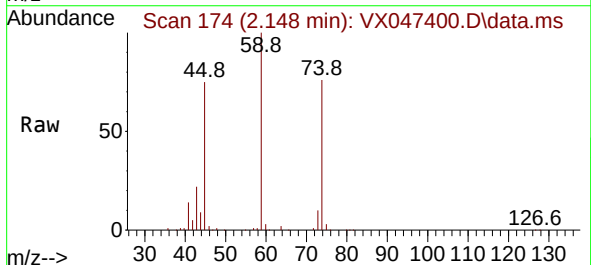
Manual Integrations
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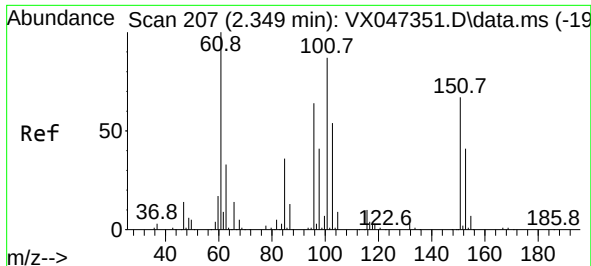
Reviewed By :John Carlone 08/20/2025
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#8
 Diethyl Ether
 Concen: 55.128 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047400.D
 Acq: 19 Aug 2025 09:37

Tgt Ion: 74 Resp: 84247
 Ion Ratio Lower Upper
 74 100
 45 99.3 51.3 154.0





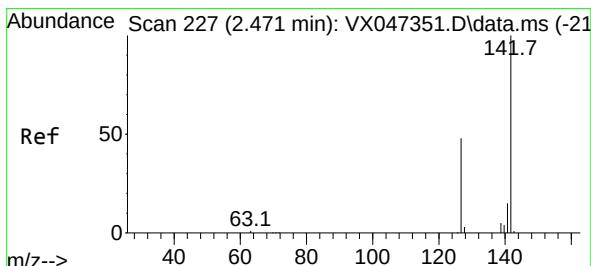
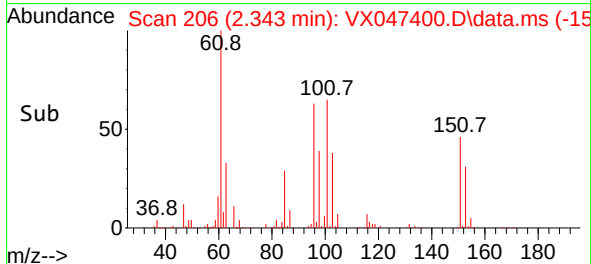
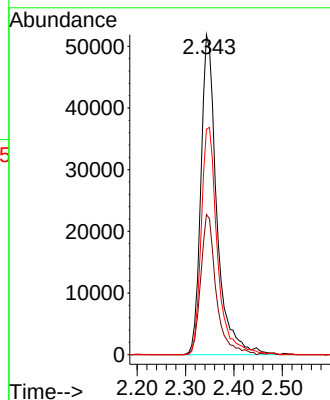
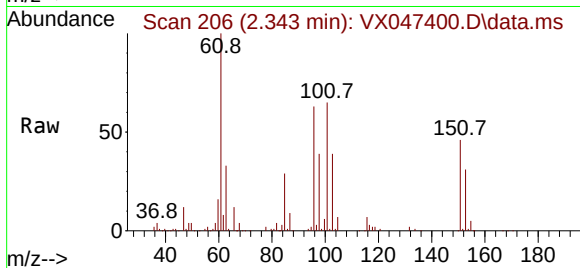
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.108 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 118600
Ion Ratio Lower Upper
101 100
85 42.9 34.3 51.5
151 72.7 59.2 88.8

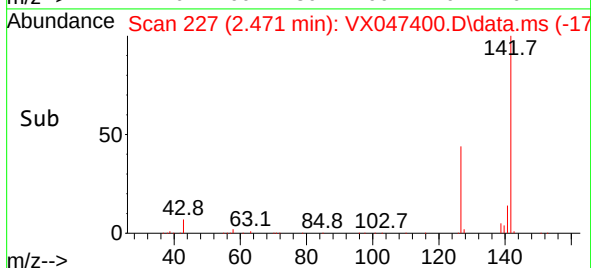
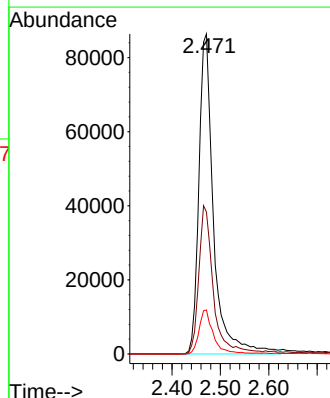
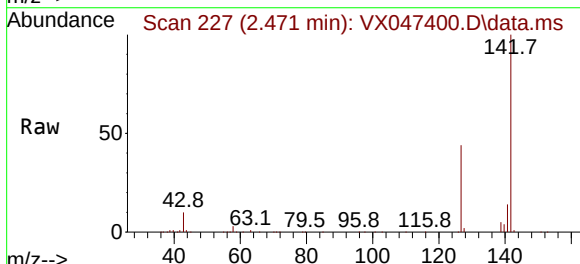
Manual Integrations
APPROVED

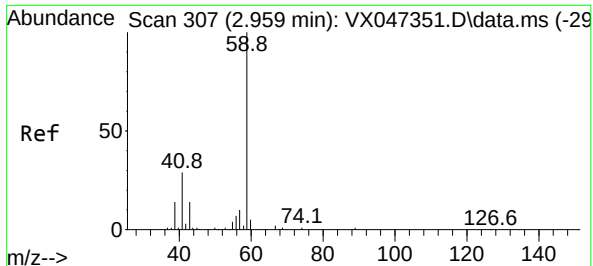
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#10
Methyl Iodide
Concen: 42.186 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

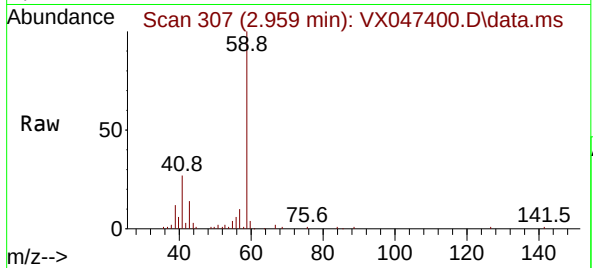
Tgt Ion:142 Resp: 182007
Ion Ratio Lower Upper
142 100
127 45.8 36.1 54.1
141 13.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 295.893 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

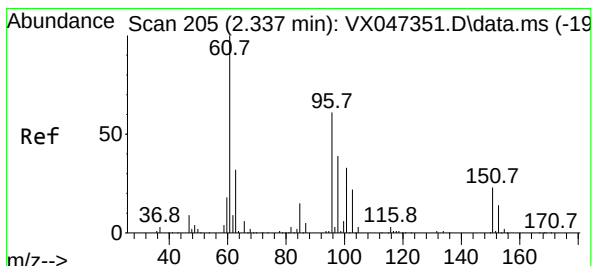
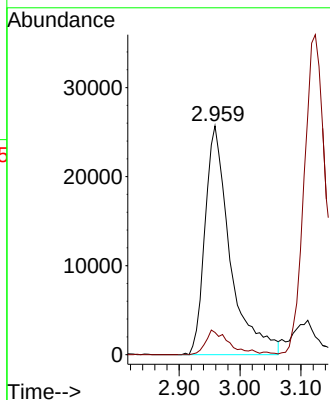
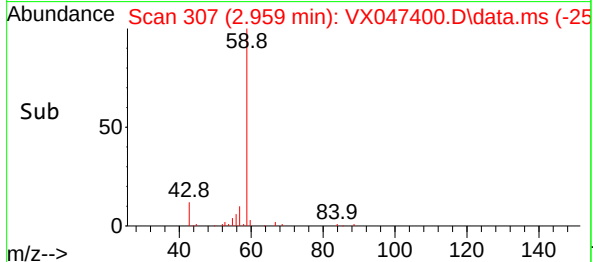
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



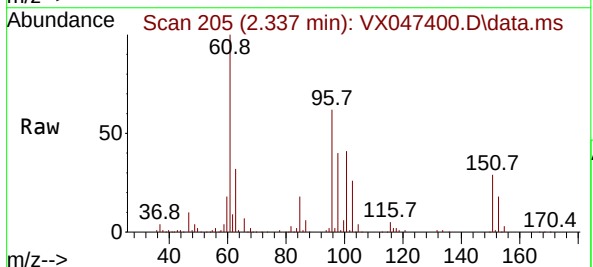
Tgt Ion: 59 Resp: 73438
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

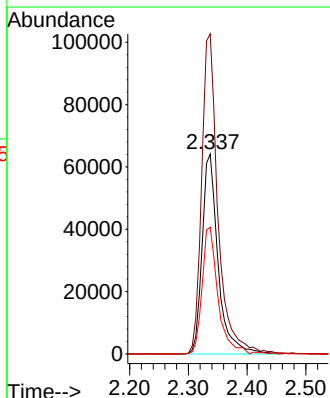
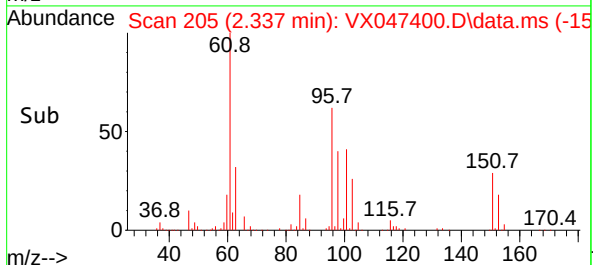
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

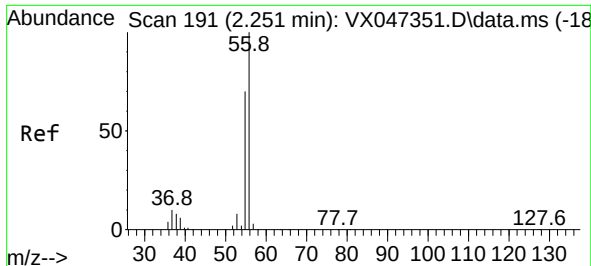


#12
1,1-Dichloroethene
Concen: 47.332 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37



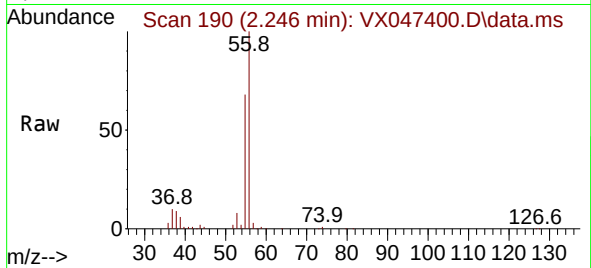
Tgt Ion: 96 Resp: 121485
Ion Ratio Lower Upper
96 100
61 160.1 132.2 198.2
98 63.4 51.2 76.8





#13
Acrolein
Concen: 281.792 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

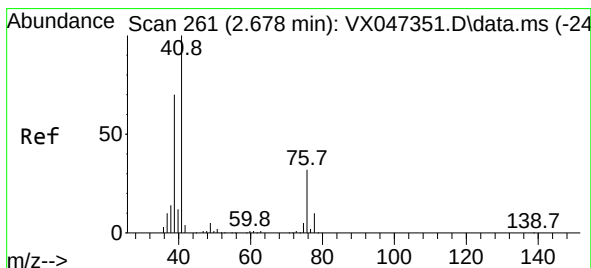
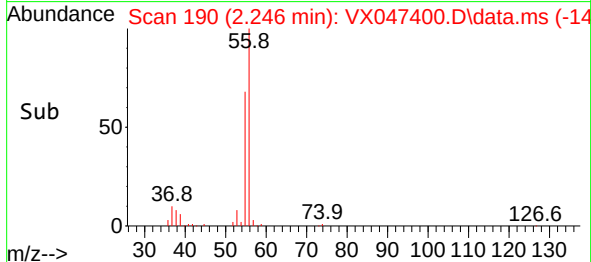
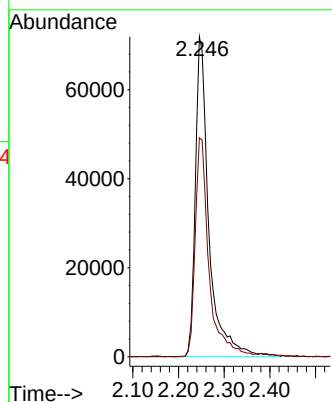
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 14763
Ion Ratio Lower Upper
56 100
55 69.6 55.5 83.3

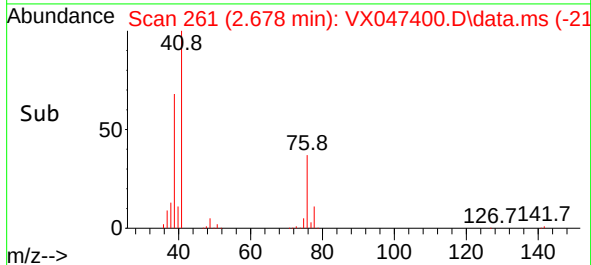
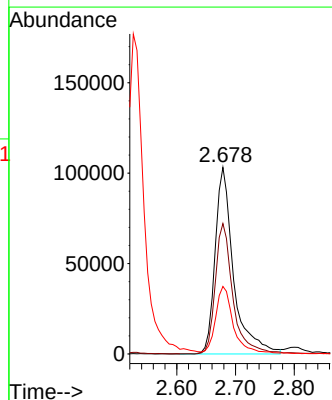
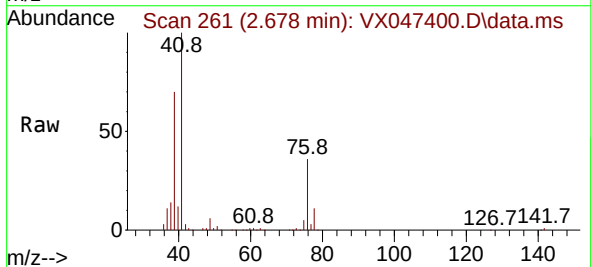
Manual Integrations
APPROVED

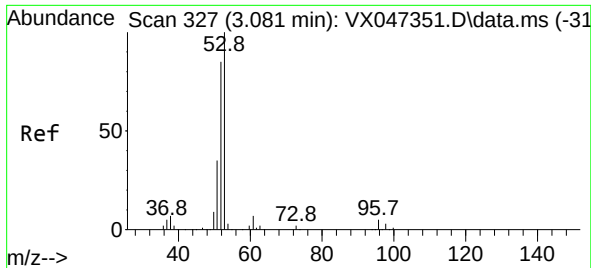
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#14
Allyl chloride
Concen: 50.583 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

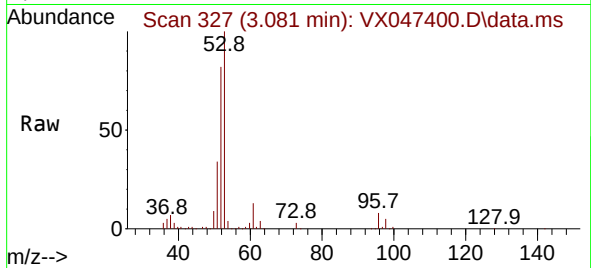
Tgt Ion: 41 Resp: 225494
Ion Ratio Lower Upper
41 100
39 67.2 54.6 81.8
76 34.9 27.6 41.4





#15
Acrylonitrile
Concen: 285.809 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

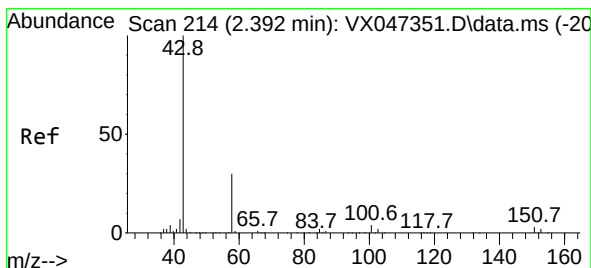
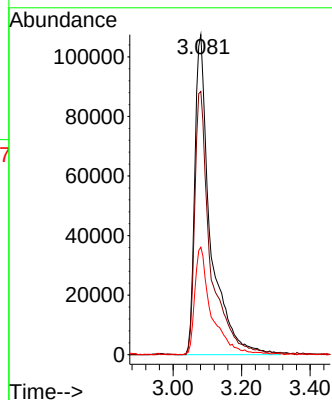
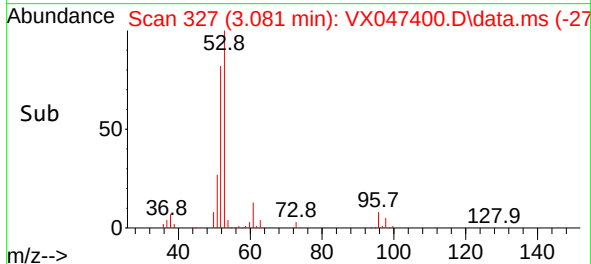
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 342772
Ion Ratio Lower Upper
53 100
52 82.2 65.8 98.6
51 35.6 28.2 42.2

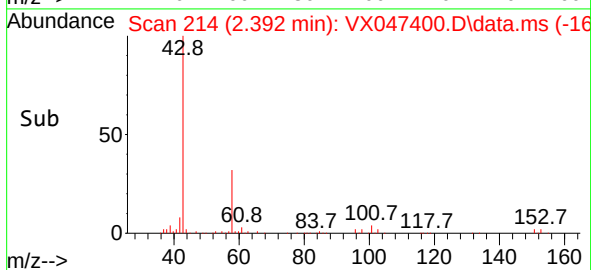
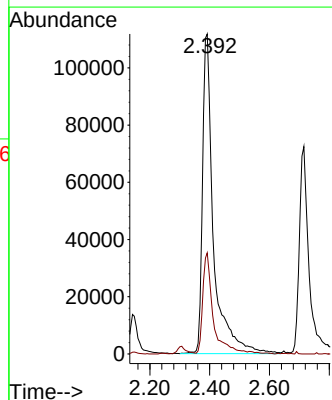
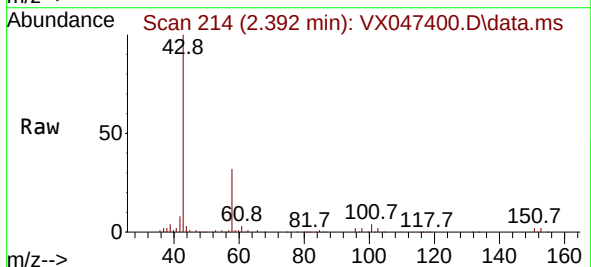
Manual Integrations
APPROVED

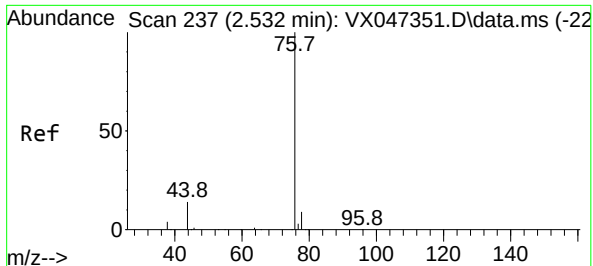
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#16
Acetone
Concen: 267.129 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

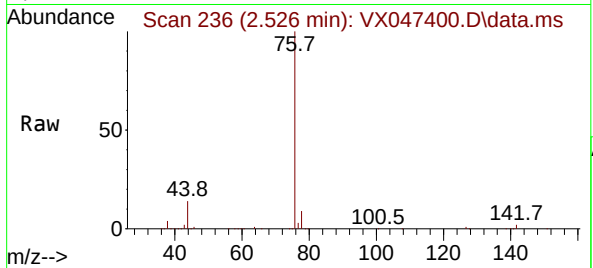
Tgt Ion: 43 Resp: 286462
Ion Ratio Lower Upper
43 100
58 31.5 24.8 37.2





#17
Carbon Disulfide
Concen: 44.886 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

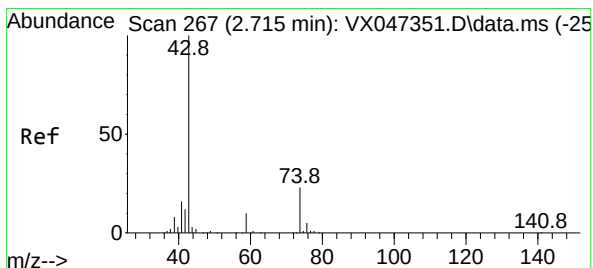
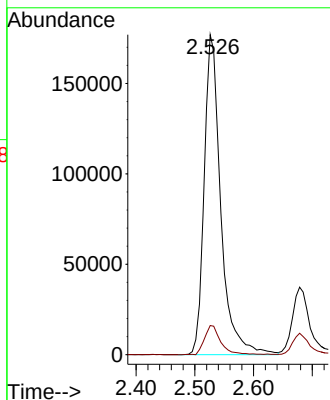
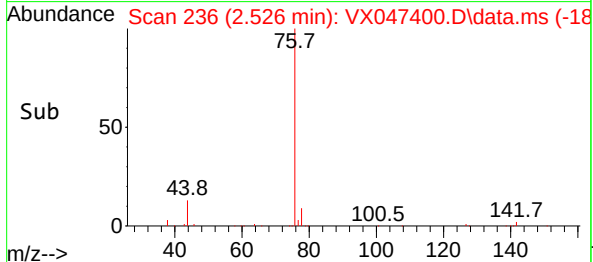
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 347652
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

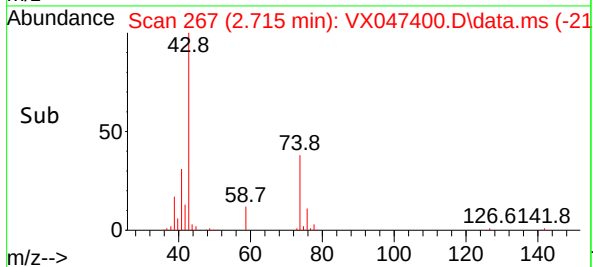
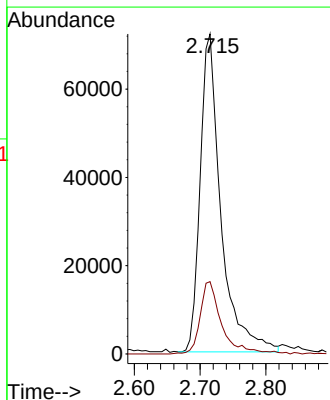
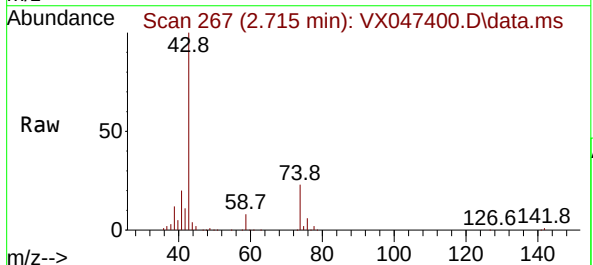
Manual Integrations
APPROVED

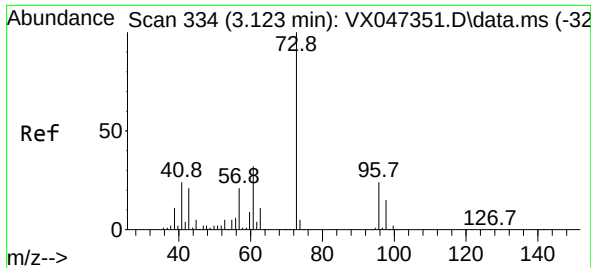
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#18
Methyl Acetate
Concen: 56.879 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 43 Resp: 158065
Ion Ratio Lower Upper
43 100
74 23.6 18.4 27.6





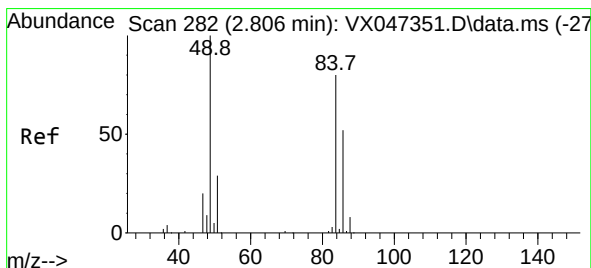
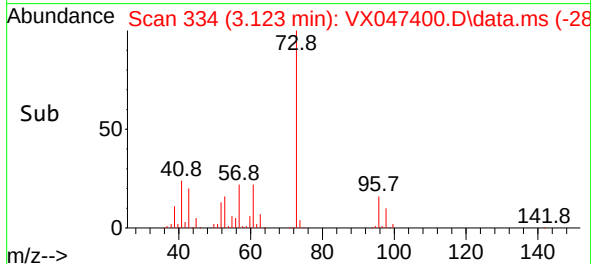
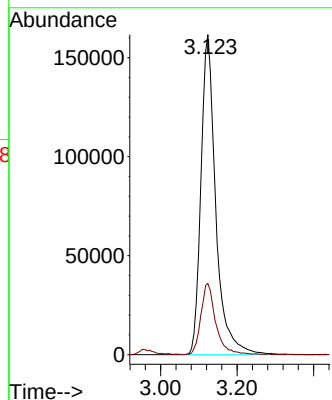
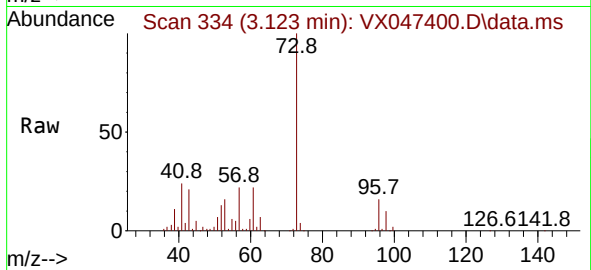
#19
Methyl tert-butyl Ether
Concen: 55.686 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 434808
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.6

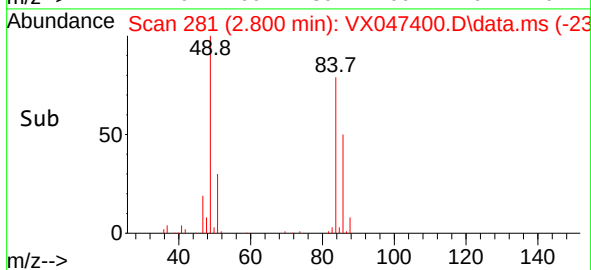
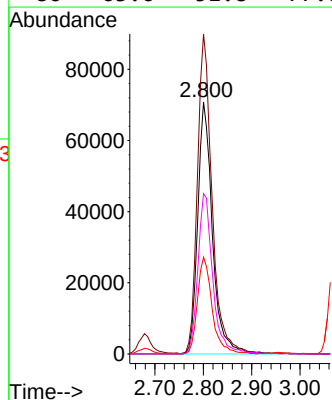
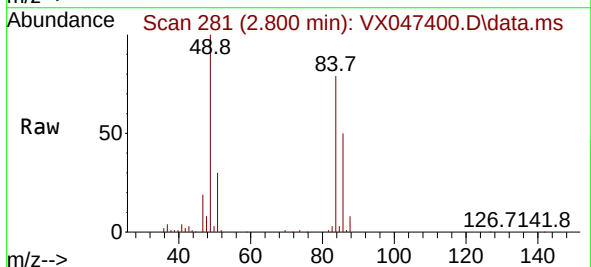
Manual Integrations
APPROVED

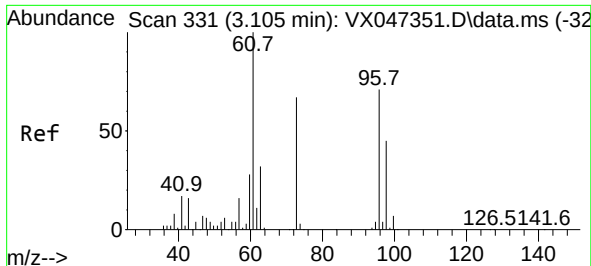
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#20
Methylene Chloride
Concen: 52.640 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

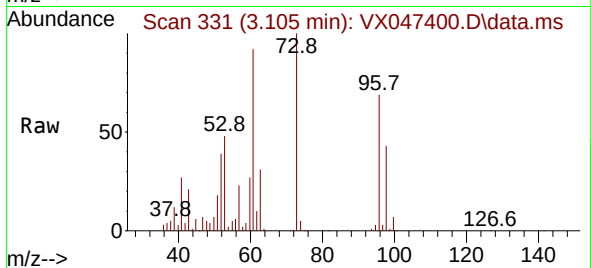
Tgt Ion: 84 Resp: 149480
Ion Ratio Lower Upper
84 100
49 126.9 100.1 150.1
51 38.3 29.5 44.3
86 63.6 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 49.068 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

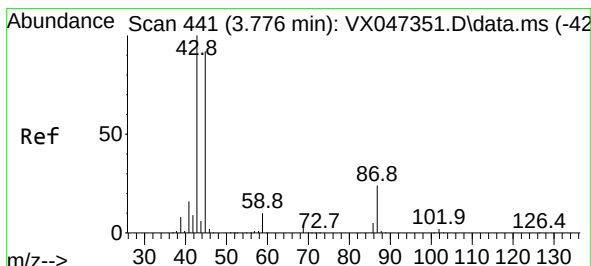
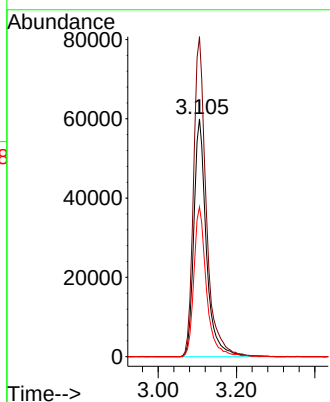
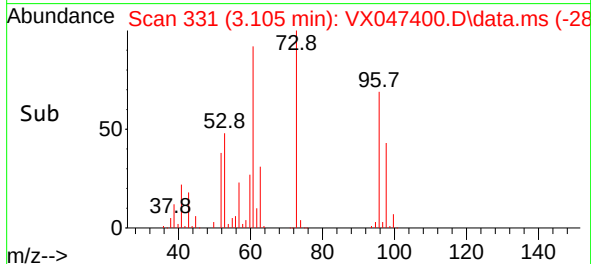
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 133669
Ion Ratio Lower Upper
96 100
61 134.6 112.6 169.0
98 63.0 50.9 76.3

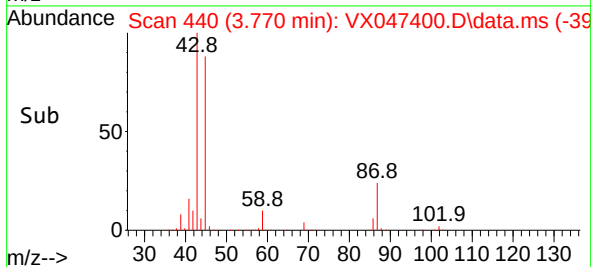
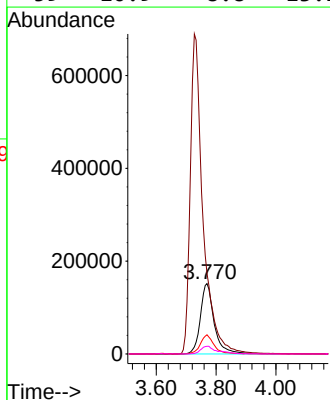
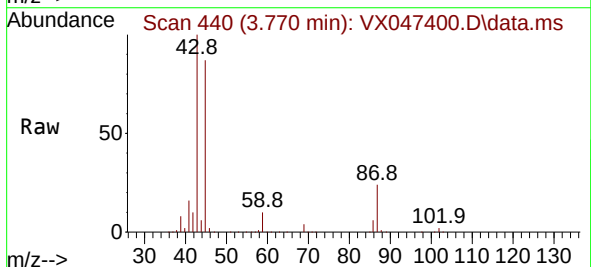
Manual Integrations
APPROVED

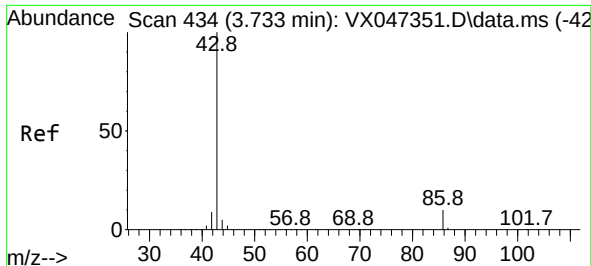
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#22
Diisopropyl ether
Concen: 55.175 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

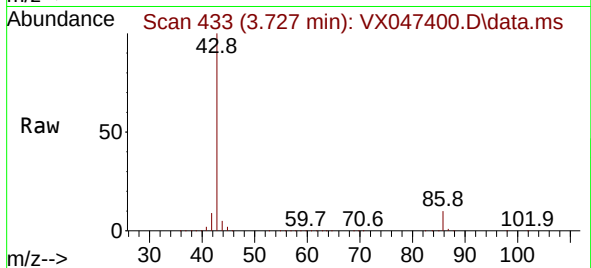
Tgt Ion: 45 Resp: 486194
Ion Ratio Lower Upper
45 100
43 114.3 86.8 130.2
87 27.2 20.4 30.6
59 10.9 8.8 13.2





#23
 Vinyl Acetate
 Concen: 283.754 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047400.D
 Acq: 19 Aug 2025 09:37

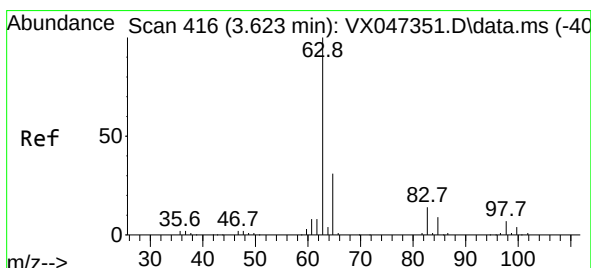
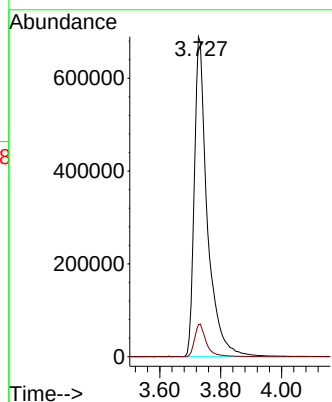
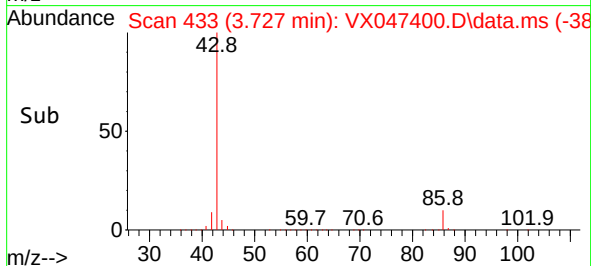
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



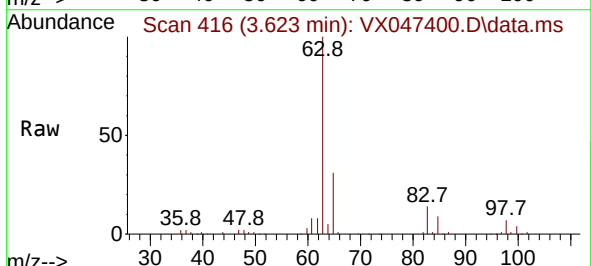
Tgt Ion: 43 Resp: 204945
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.9 11.9

Manual Integrations
 APPROVED

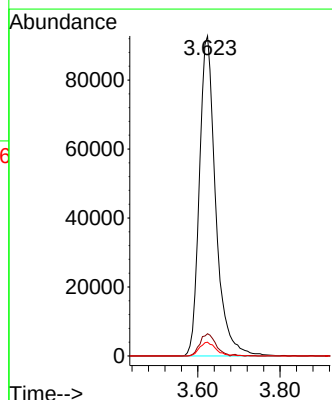
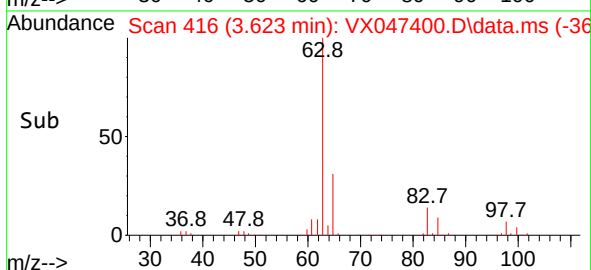
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025

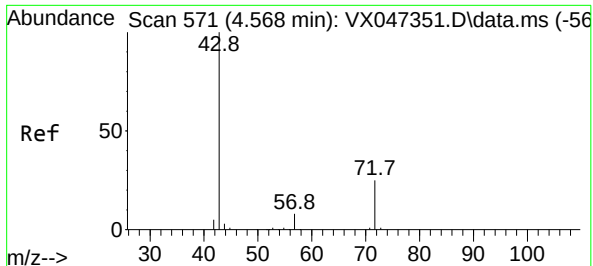


#24
 1,1-Dichloroethane
 Concen: 51.211 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047400.D
 Acq: 19 Aug 2025 09:37



Tgt Ion: 63 Resp: 255069
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.9
 100 4.6 2.1 6.3





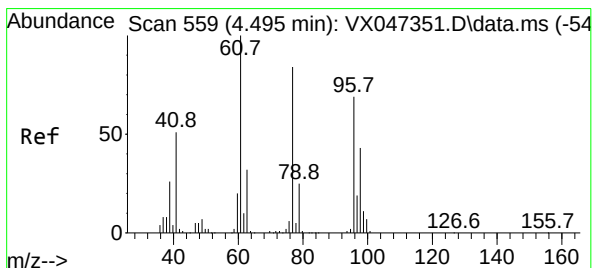
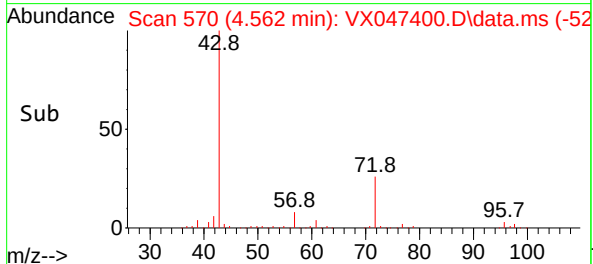
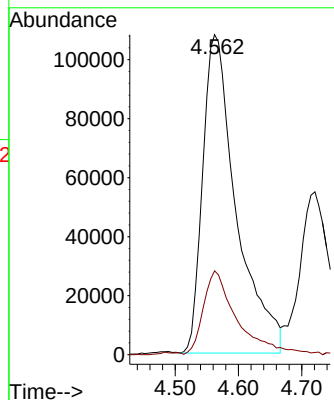
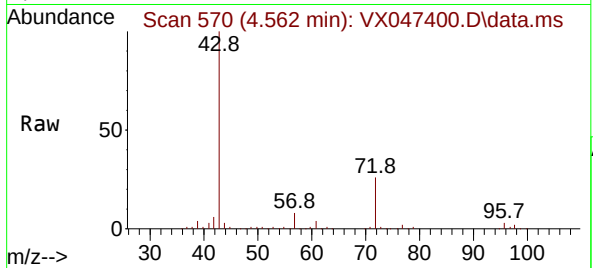
#25
2-Butanone
Concen: 283.674 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 398410
Ion Ratio Lower Upper
43 100
72 25.7 19.8 29.8

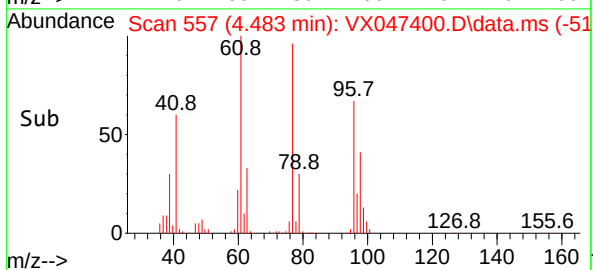
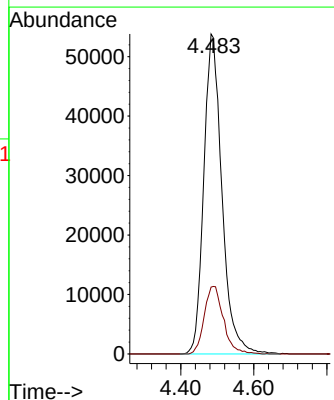
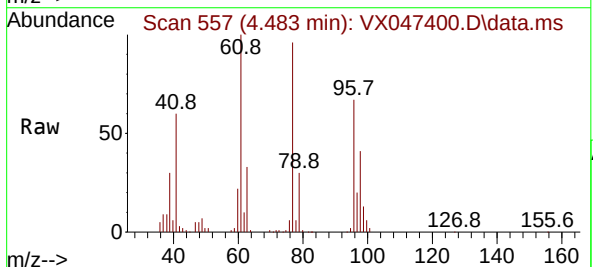
Manual Integrations
APPROVED

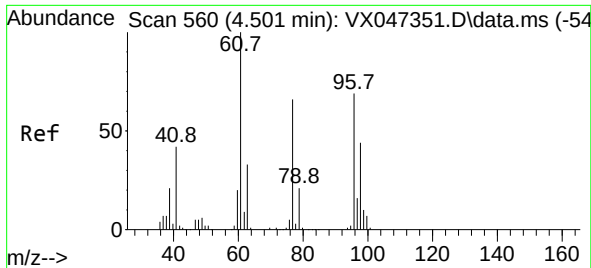
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#26
2,2-Dichloropropane
Concen: 49.229 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 77 Resp: 185064
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.764 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 16424

Ion Ratio Lower Upper

96 100

61 144.5 0.0 296.6

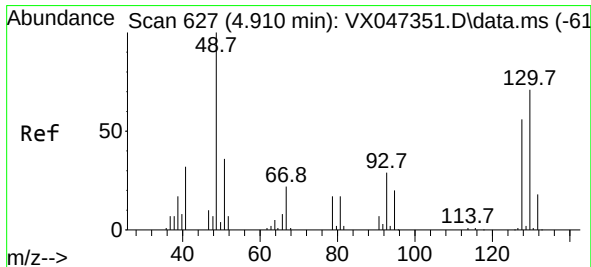
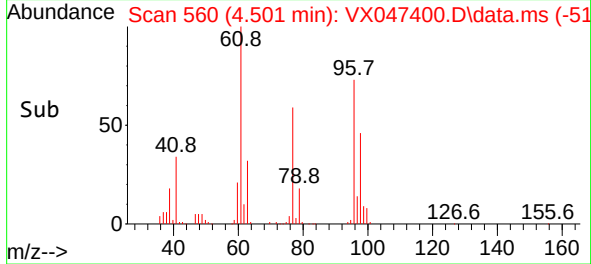
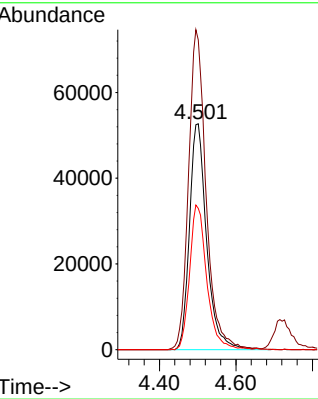
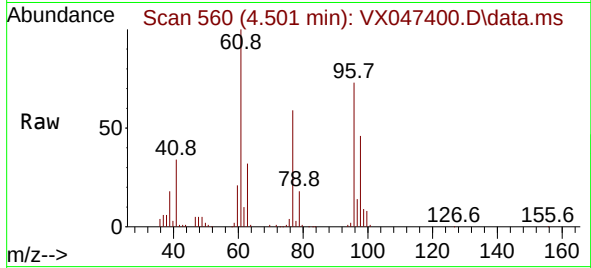
98 63.7 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#28

Bromochloromethane

Concen: 60.847 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

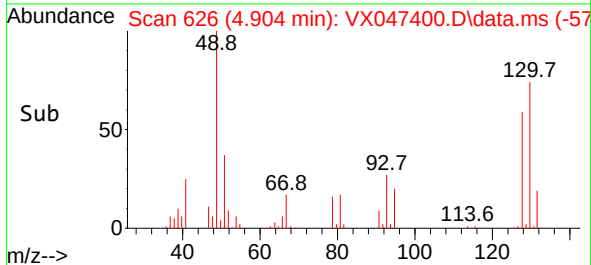
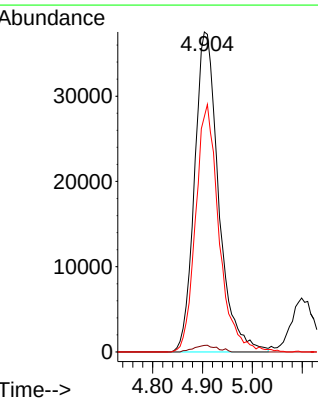
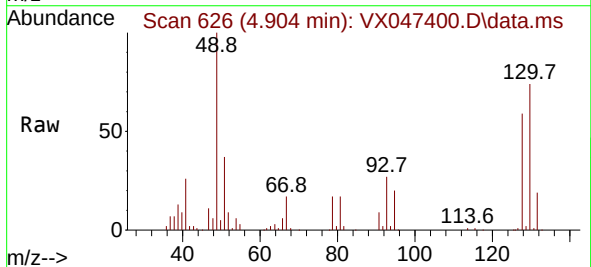
Tgt Ion: 49 Resp: 126113

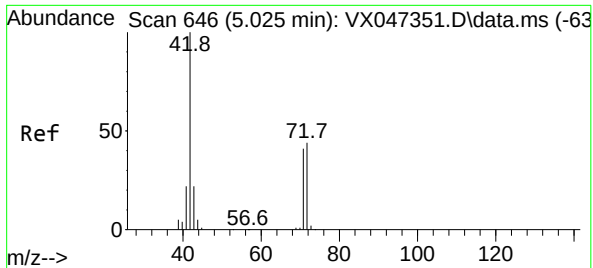
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 74.9 59.8 89.6





#29

Tetrahydrofuran

Concen: 280.608 ug/l

RT: 5.019 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 25472

Ion Ratio Lower Upper

42 100

72 42.3 34.6 51.8

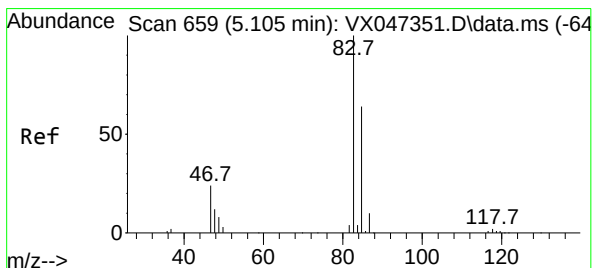
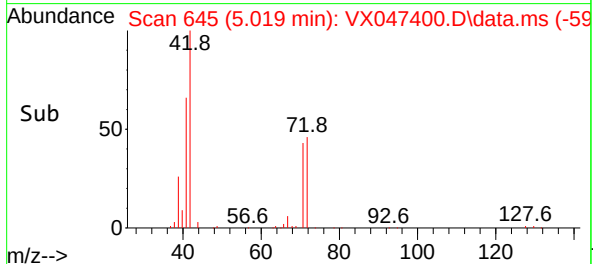
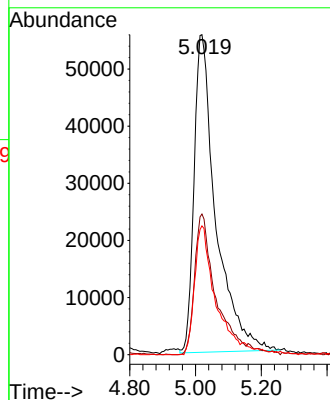
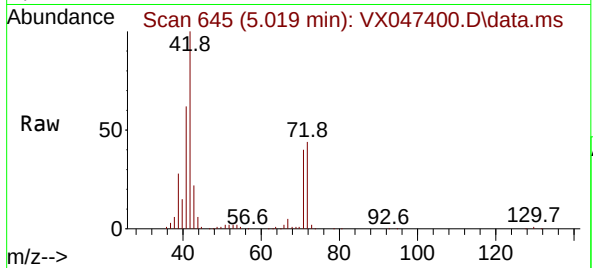
71 40.1 32.6 49.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#30

Chloroform

Concen: 52.310 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX047400.D

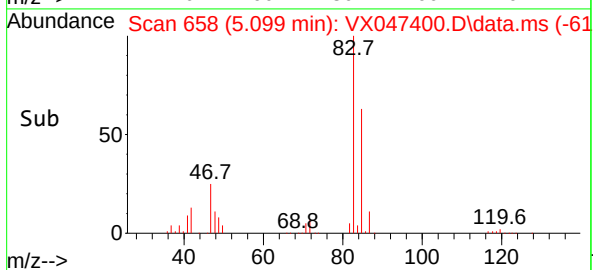
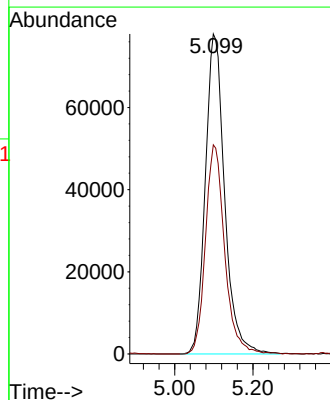
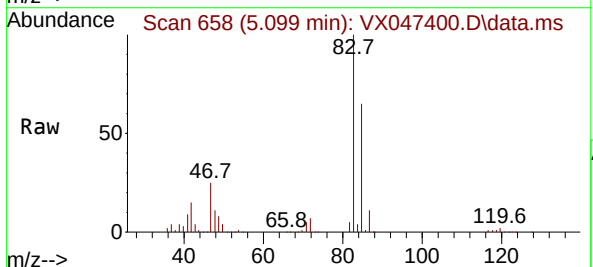
Acq: 19 Aug 2025 09:37

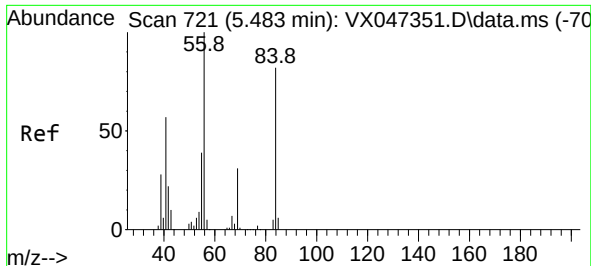
Tgt Ion: 83 Resp: 265903

Ion Ratio Lower Upper

83 100

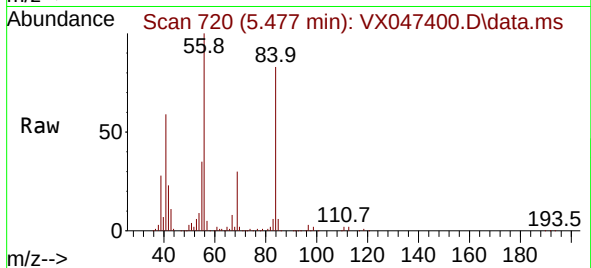
85 65.3 51.2 76.8





#31
Cyclohexane
Concen: 44.146 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

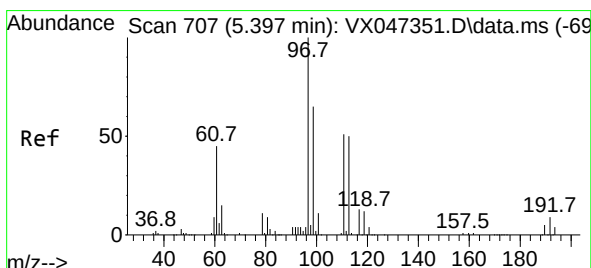
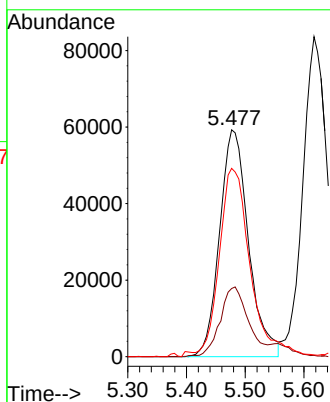
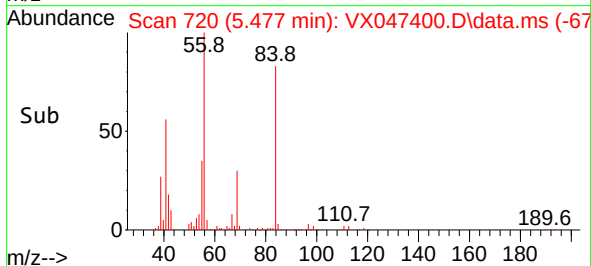
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 202692
Ion Ratio Lower Upper
56 100
69 32.0 24.3 36.5
84 82.7 65.3 97.9

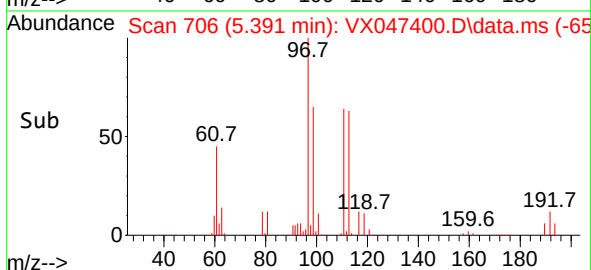
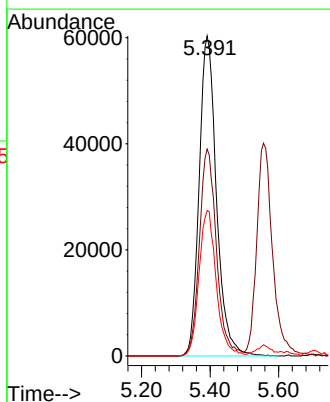
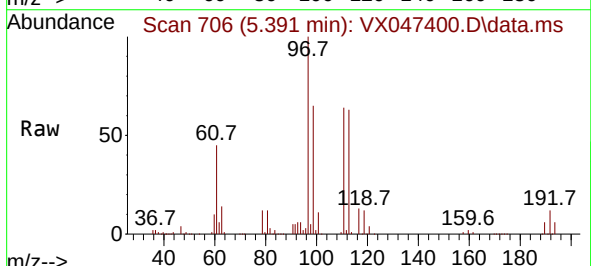
Manual Integrations
APPROVED

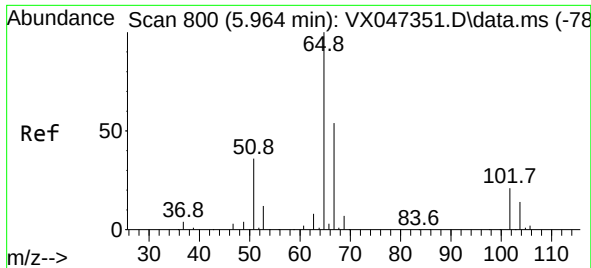
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#32
1,1,1-Trichloroethane
Concen: 48.495 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

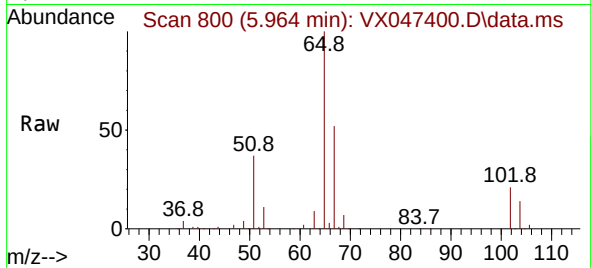
Tgt Ion: 97 Resp: 212180
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 45.4 35.7 53.5





#33
1,2-Dichloroethane-d4
Concen: 57.514 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

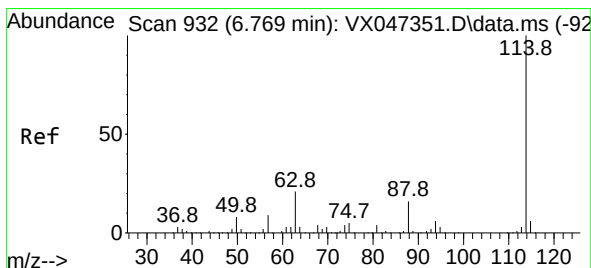
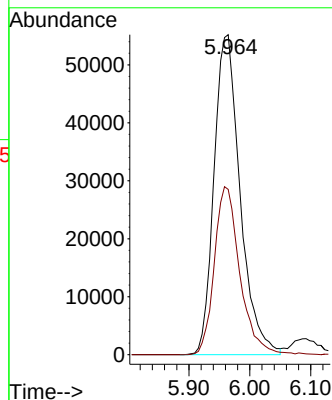
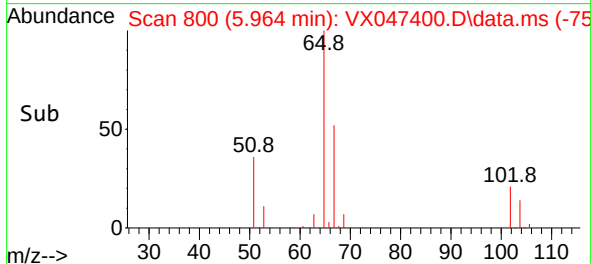
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



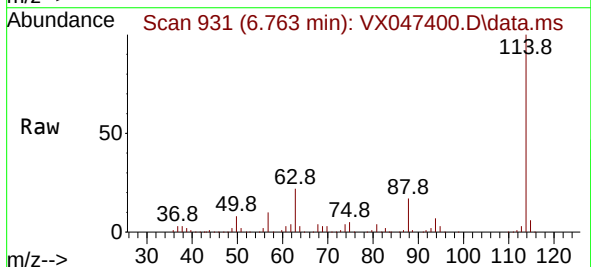
Tgt Ion: 65 Resp: 164085
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.0

Manual Integrations
APPROVED

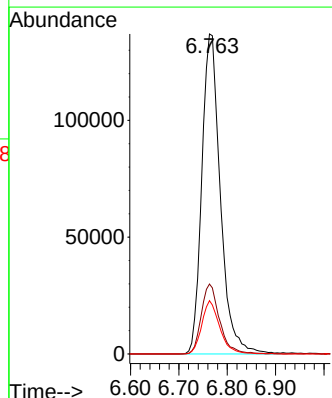
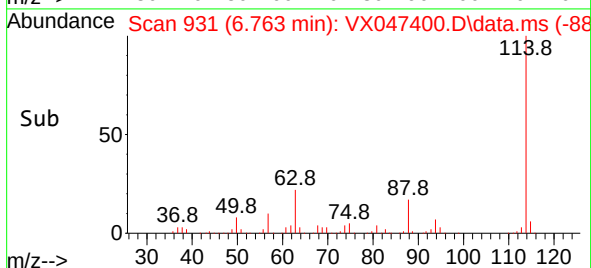
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

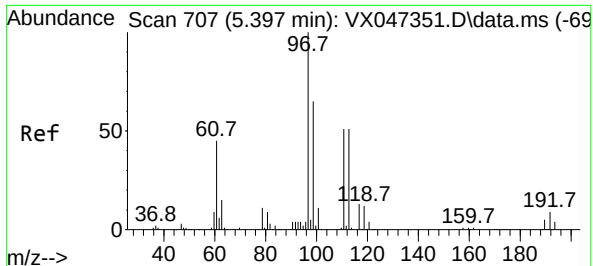


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37



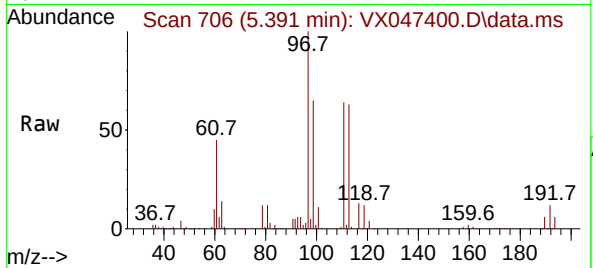
Tgt Ion:114 Resp: 365078
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.4
88 16.6 0.0 33.0





#35
Dibromofluoromethane
Concen: 53.029 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

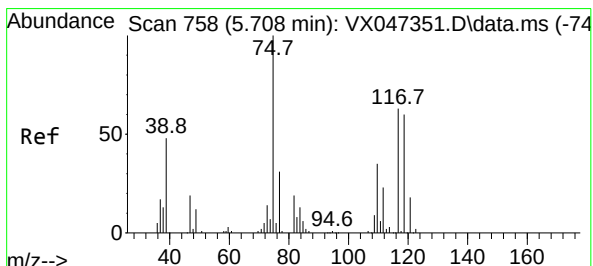
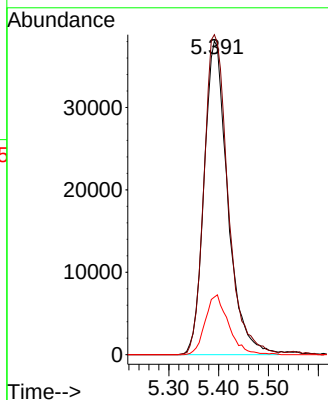
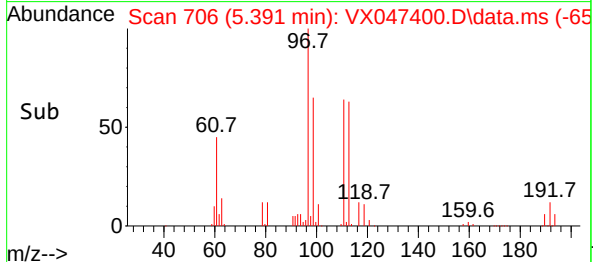
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 12564
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.2
192 18.8 14.1 21.1

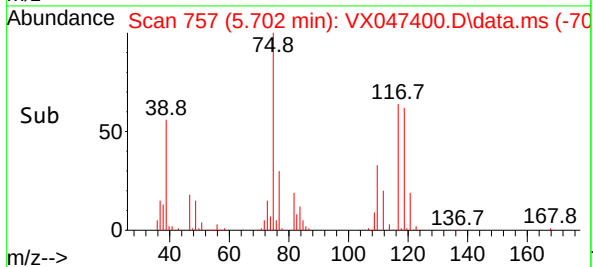
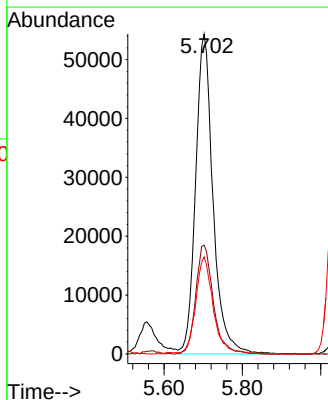
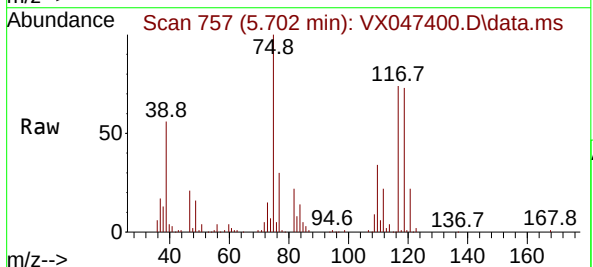
Manual Integrations
APPROVED

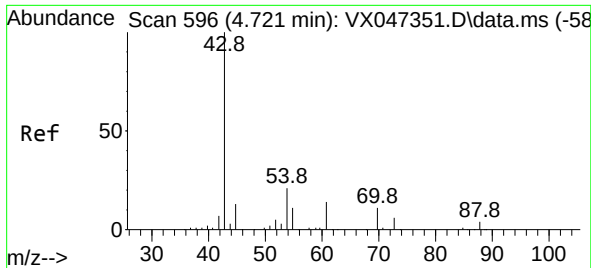
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#36
1,1-Dichloropropene
Concen: 44.977 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

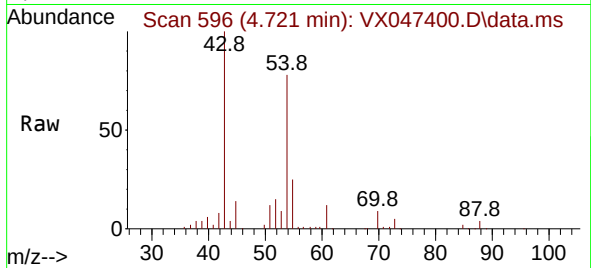
Tgt Ion: 75 Resp: 168226
Ion Ratio Lower Upper
75 100
110 34.3 17.4 52.2
77 29.9 24.4 36.6





#37
Ethyl Acetate
Concen: 50.486 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

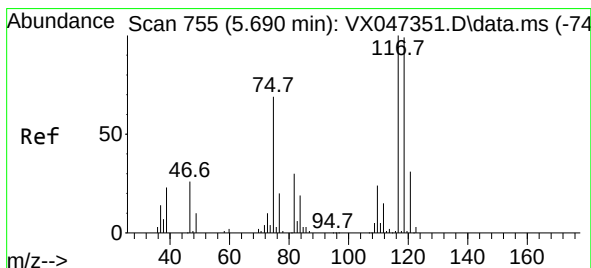
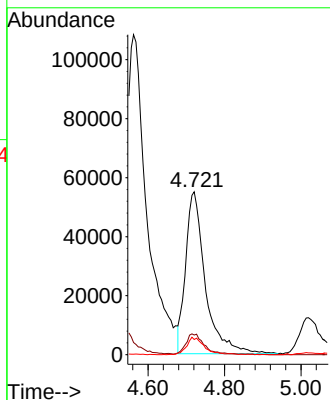
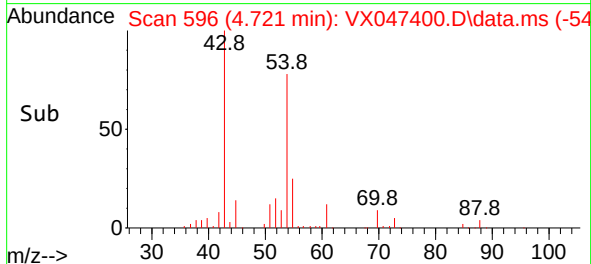
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 196036
Ion Ratio Lower Upper
43 100
61 12.5 9.4 14.2
70 9.4 7.0 10.6

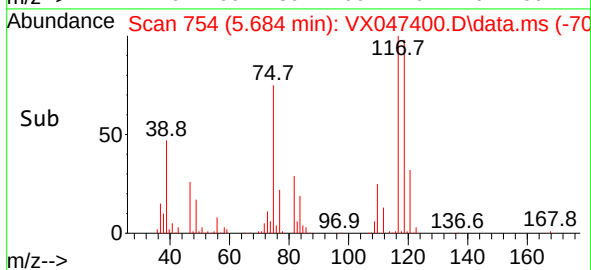
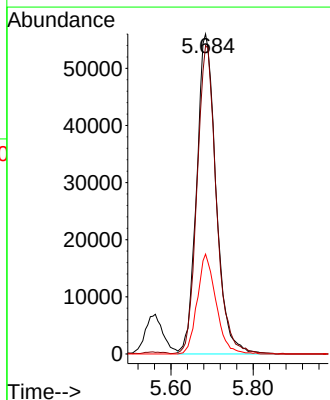
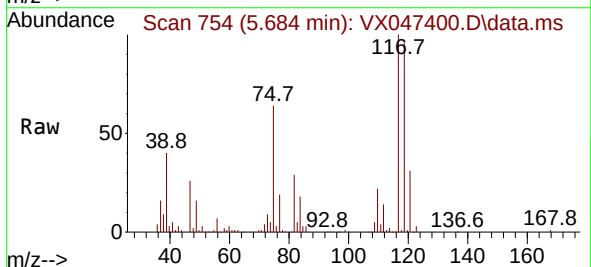
Manual Integrations
APPROVED

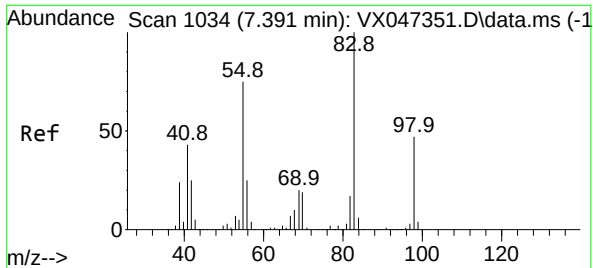
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#38
Carbon Tetrachloride
Concen: 44.963 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion:117 Resp: 183778
Ion Ratio Lower Upper
117 100
119 96.3 78.5 117.7
121 31.2 24.7 37.1





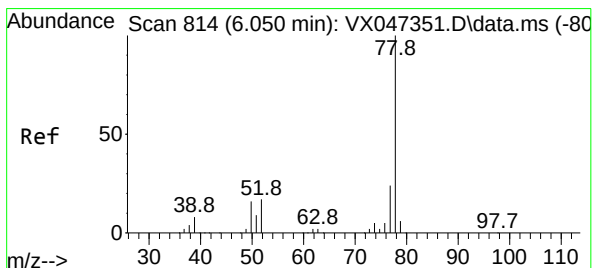
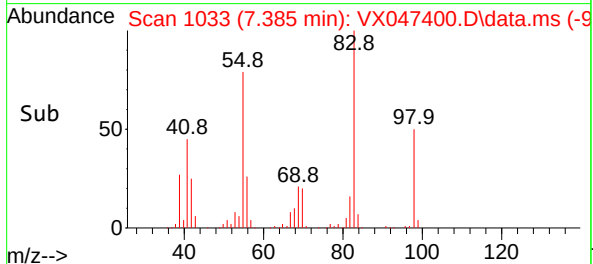
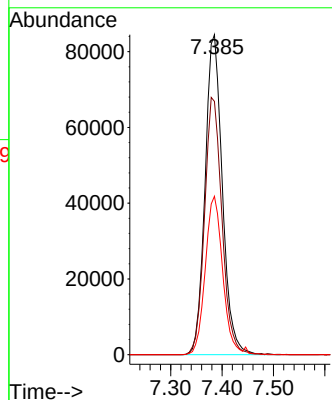
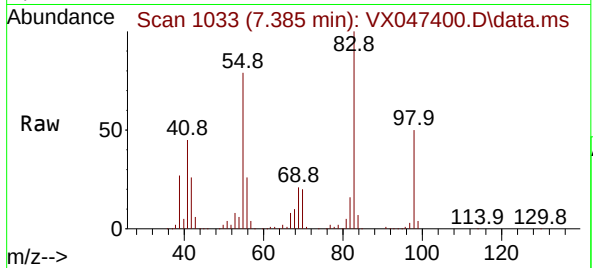
#39
Methylcyclohexane
Concen: 42.274 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 19722
Ion Ratio Lower Upper
83 100
55 79.1 60.0 90.0
98 49.5 37.2 55.8

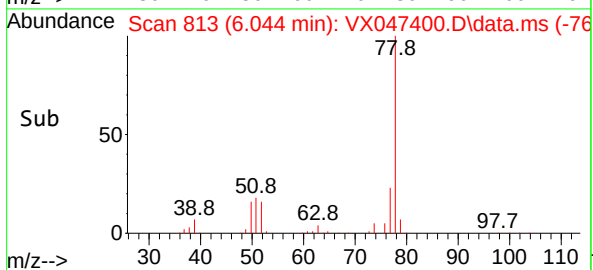
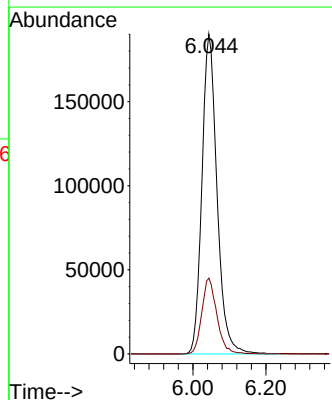
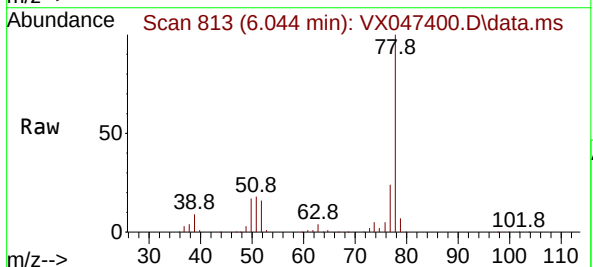
Manual Integrations
APPROVED

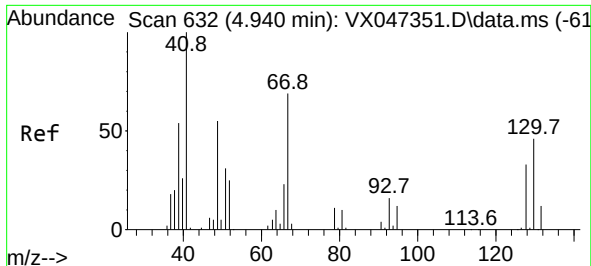
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#40
Benzene
Concen: 48.701 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

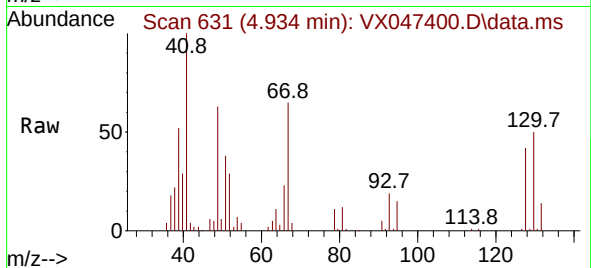
Tgt Ion: 78 Resp: 545222
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 51.049 ug/l
RT: 4.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

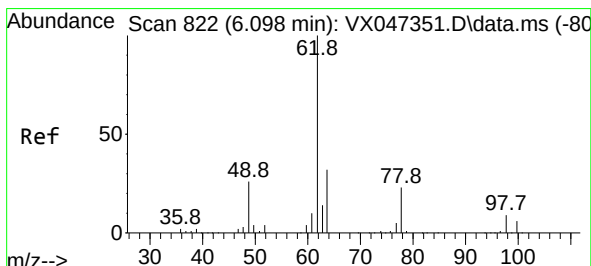
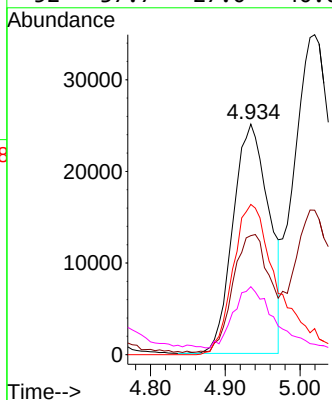
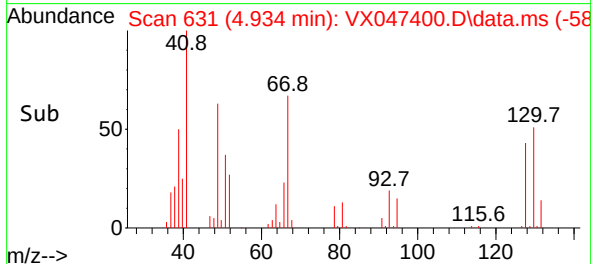
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 8358
Ion Ratio Lower Upper
41 100
39 52.3 45.4 68.2
67 85.7 64.0 96.0
52 37.7 27.0 40.6

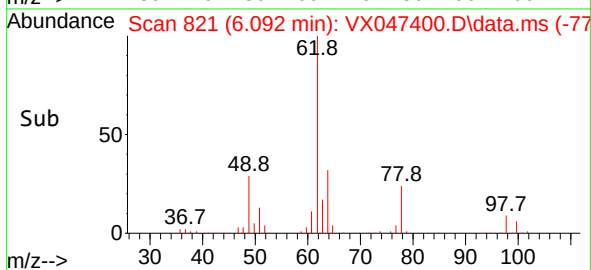
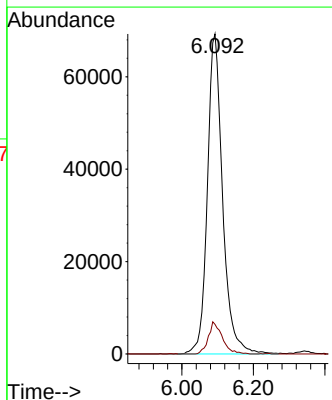
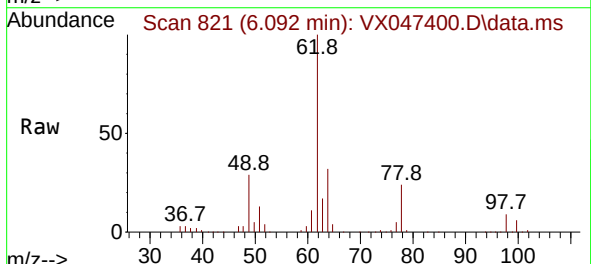
Manual Integrations
APPROVED

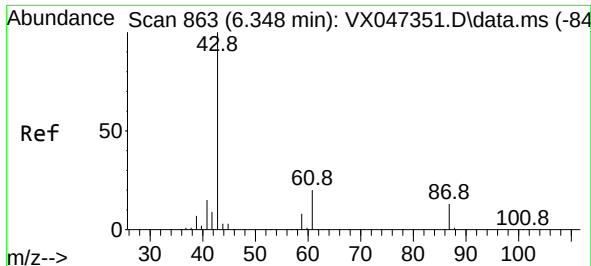
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#42
1,2-Dichloroethane
Concen: 51.678 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

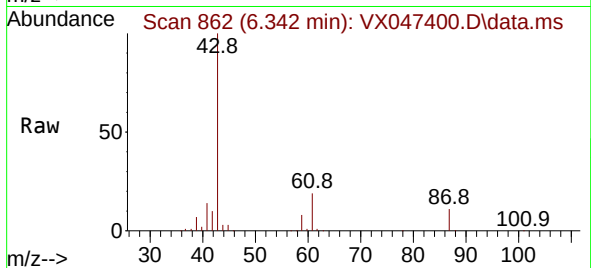
Tgt Ion: 62 Resp: 204929
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.0





#43
Isopropyl Acetate
Concen: 53.497 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

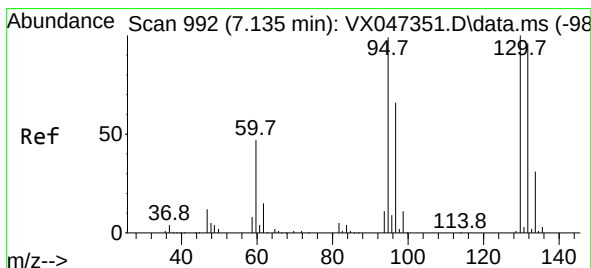
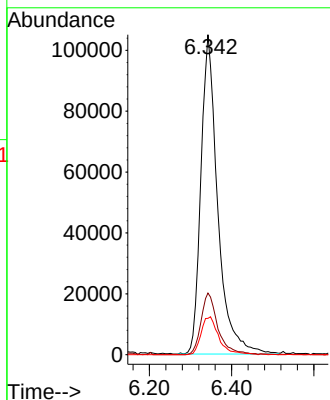
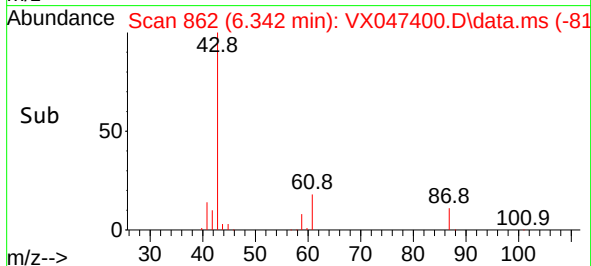
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 298419
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 12.5 10.2 15.4

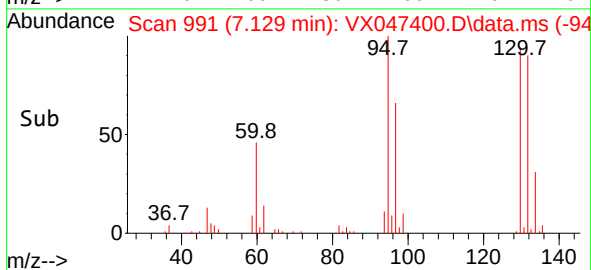
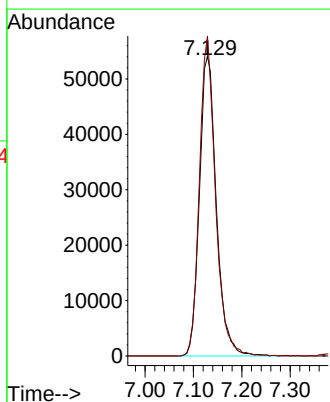
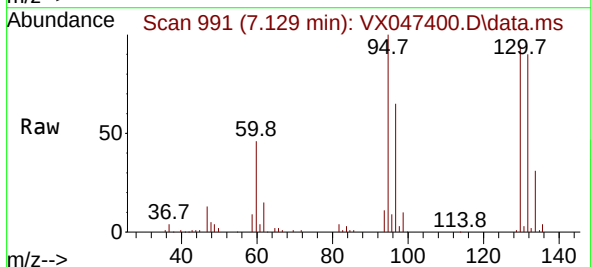
Manual Integrations
APPROVED

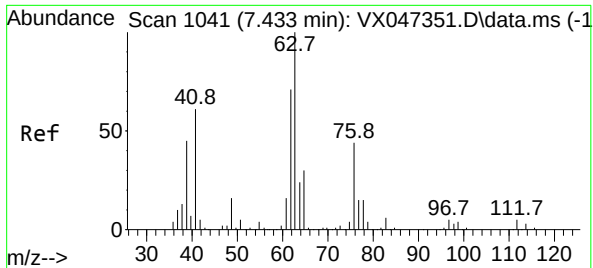
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#44
Trichloroethene
Concen: 45.821 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

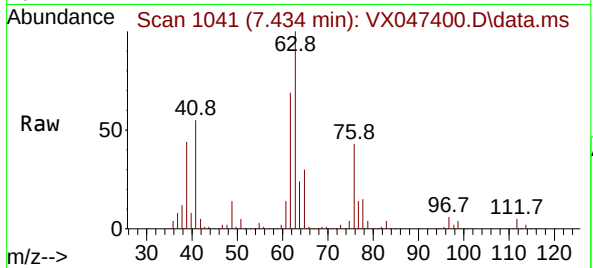
Tgt Ion:130 Resp: 131351
Ion Ratio Lower Upper
130 100
95 106.7 0.0 198.6





#45
1,2-Dichloropropane
Concen: 50.806 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

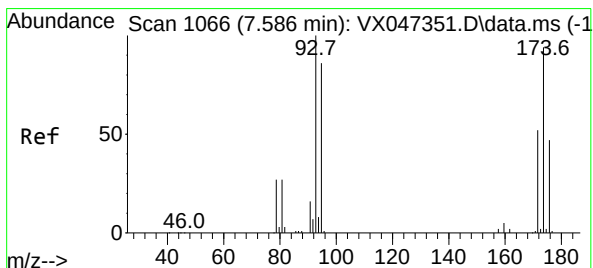
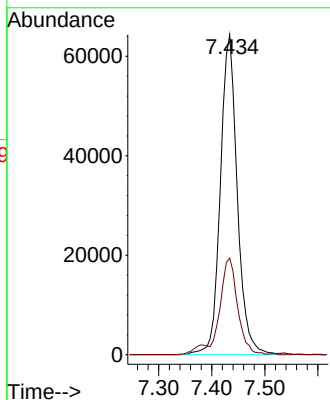
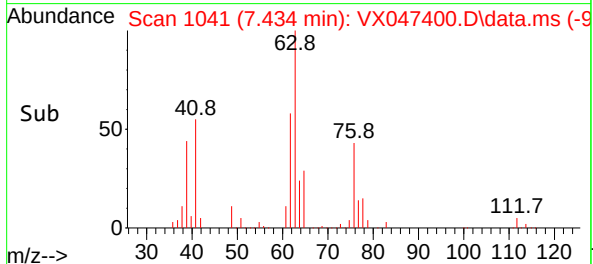
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 142494
Ion Ratio Lower Upper
63 100
65 30.1 23.8 35.6

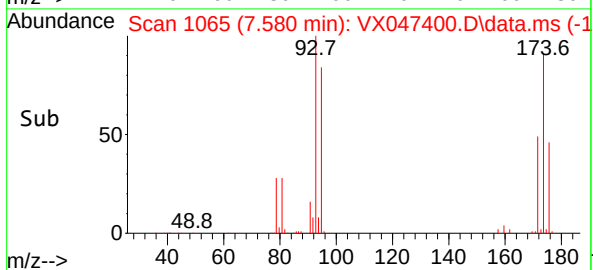
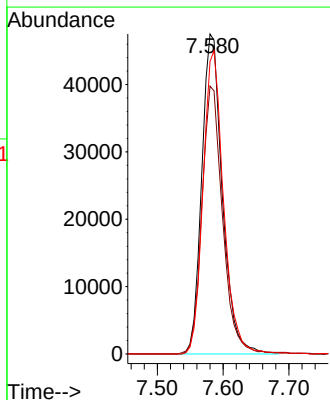
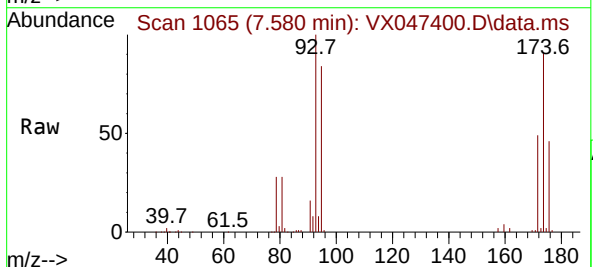
Manual Integrations
APPROVED

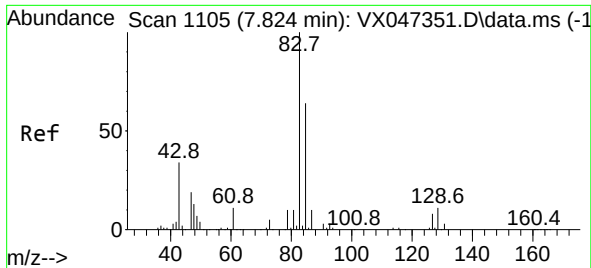
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#46
Dibromomethane
Concen: 50.893 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

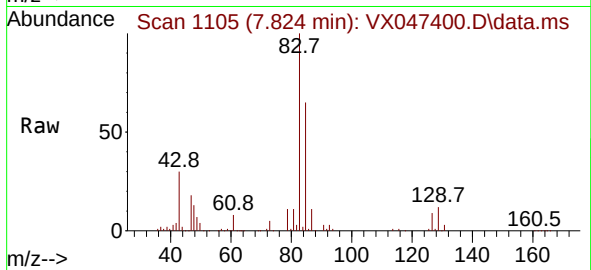
Tgt Ion: 93 Resp: 103627
Ion Ratio Lower Upper
93 100
95 84.0 68.0 102.0
174 94.1 75.8 113.6





#47
Bromodichloromethane
Concen: 50.965 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

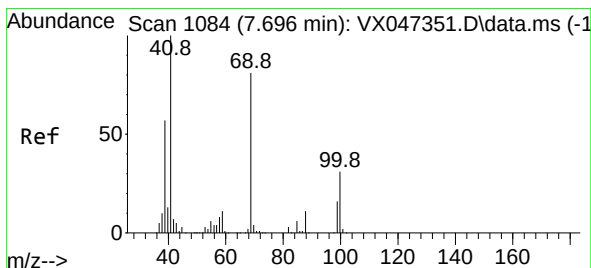
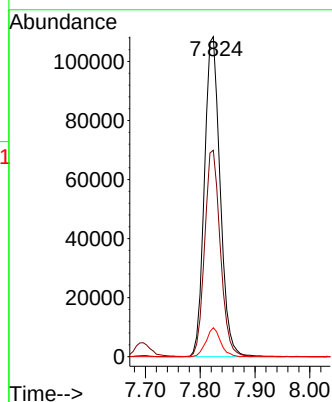
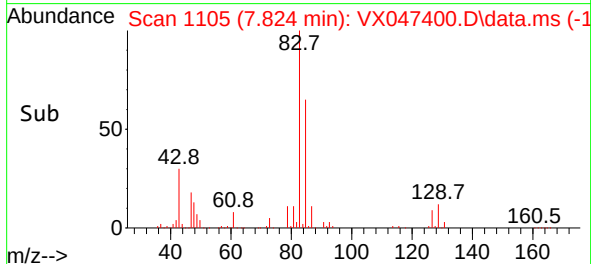
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 21513
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.6
127 9.1 7.0 10.4

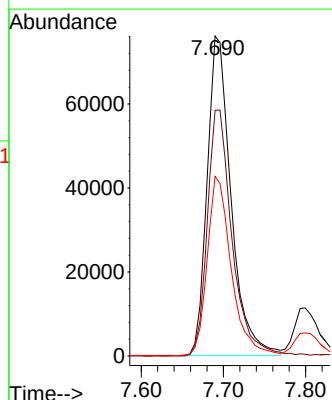
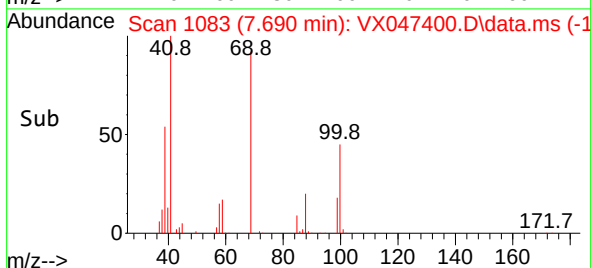
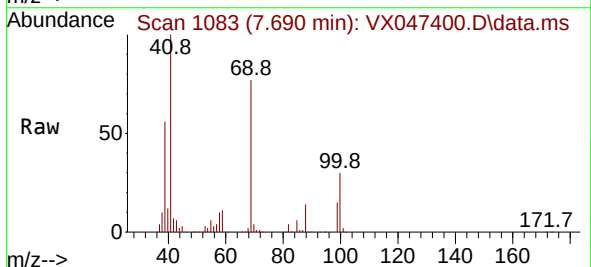
Manual Integrations
APPROVED

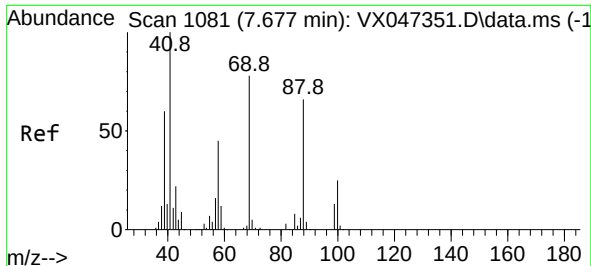
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#48
Methyl methacrylate
Concen: 53.246 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 41 Resp: 154171
Ion Ratio Lower Upper
41 100
69 79.7 65.0 97.4
39 56.6 45.7 68.5





#49

1,4-Dioxane

Concen: 1160.527 ug/l

RT: 7.684 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

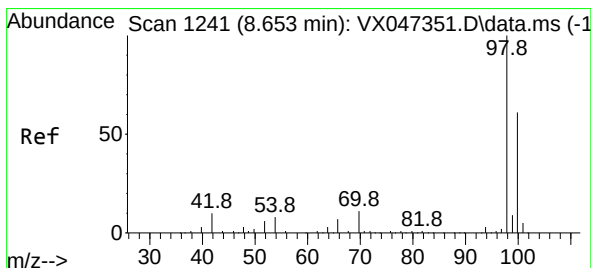
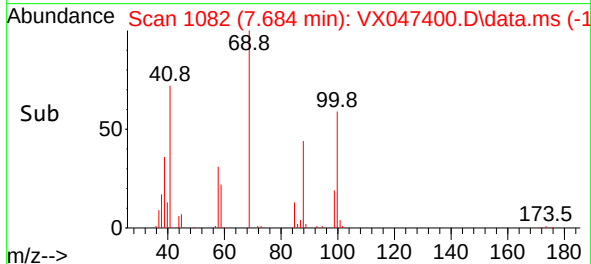
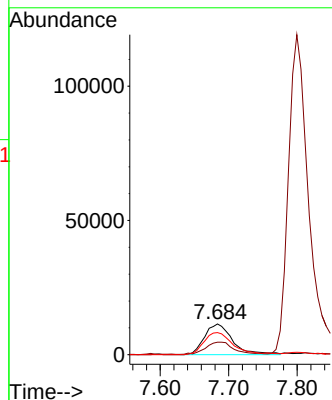
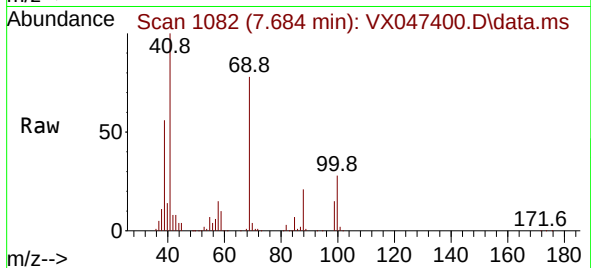
Tgt Ion: 88	Resp: 3266
Ion Ratio	Lower Upper
88 100	
43 39.8	32.4 48.6
58 75.4	56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#50

Toluene-d8

Concen: 50.584 ug/l

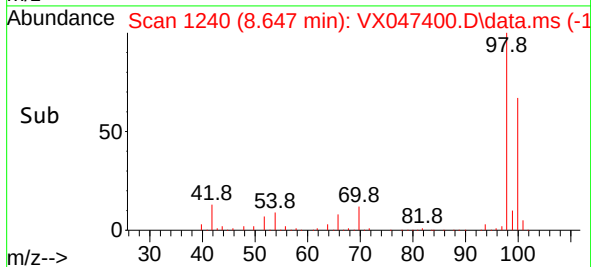
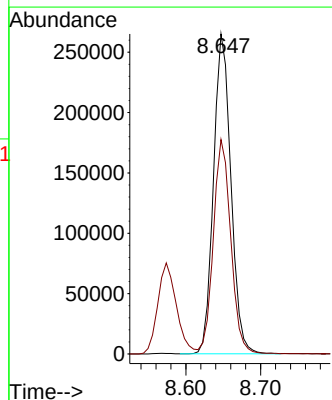
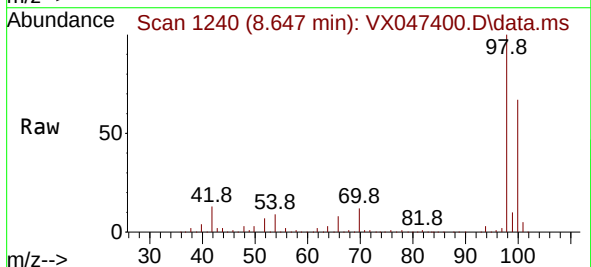
RT: 8.647 min Scan# 1240

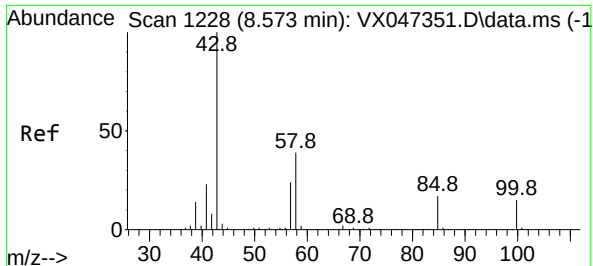
Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Tgt Ion: 98	Resp: 428388
Ion Ratio	Lower Upper
98 100	
100 66.9	53.9 80.9





#51

4-Methyl-2-Pentanone

Concen: 272.635 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 875170

Ion Ratio Lower Upper

43 100

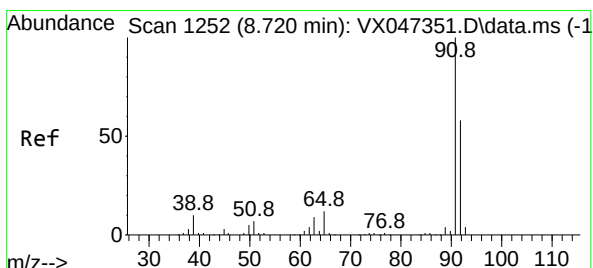
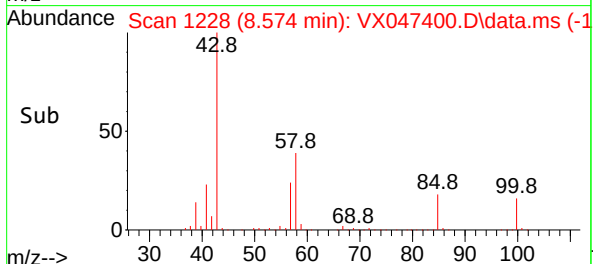
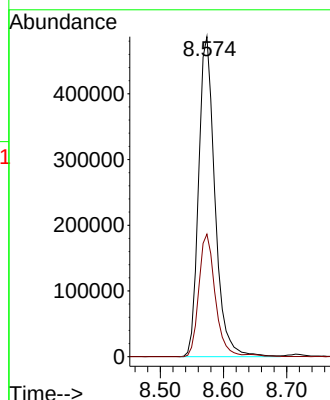
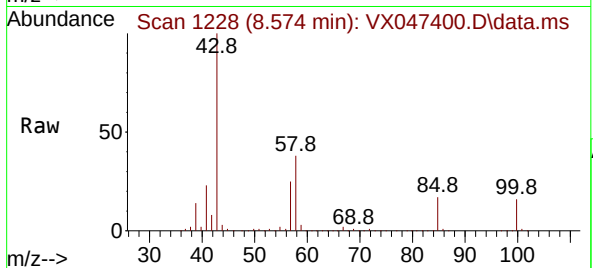
58 38.4 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#52

Toluene

Concen: 48.228 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX047400.D

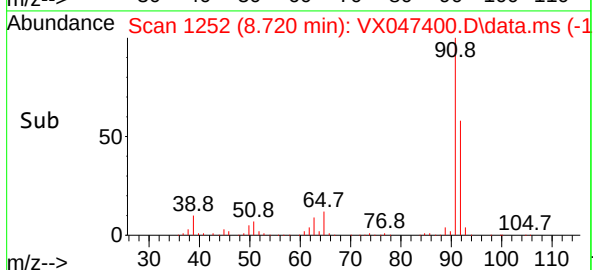
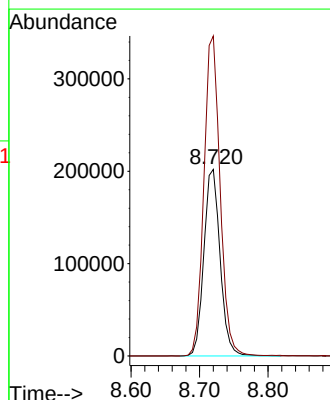
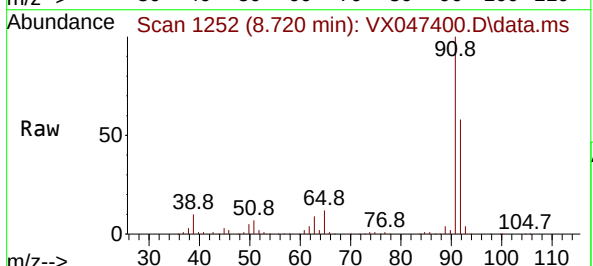
Acq: 19 Aug 2025 09:37

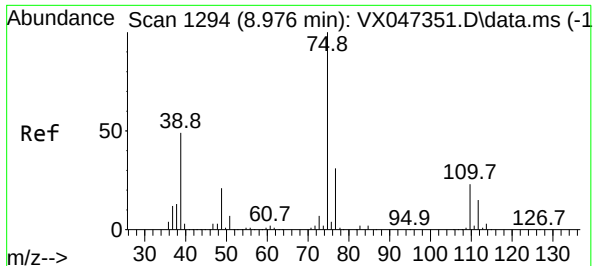
Tgt Ion: 92 Resp: 333637

Ion Ratio Lower Upper

92 100

91 171.1 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 54.796 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 201870

Ion Ratio Lower Upper

75 100

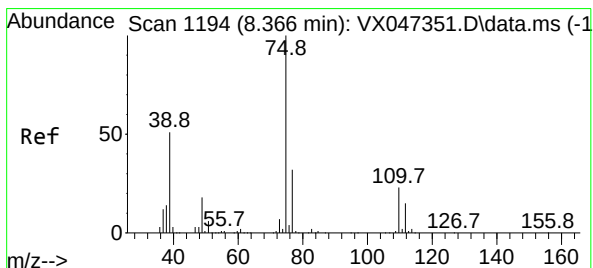
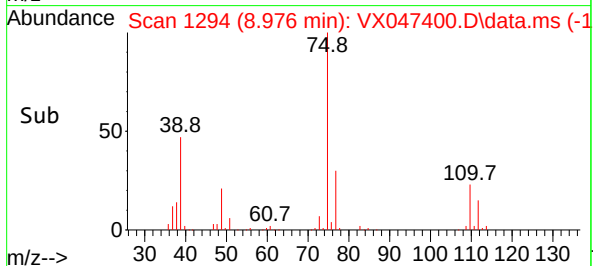
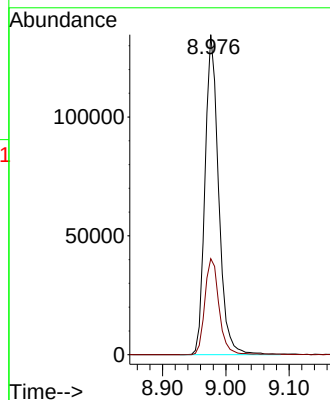
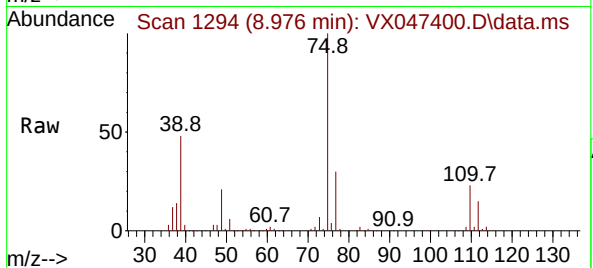
77 30.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#54

cis-1,3-Dichloropropene

Concen: 52.876 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

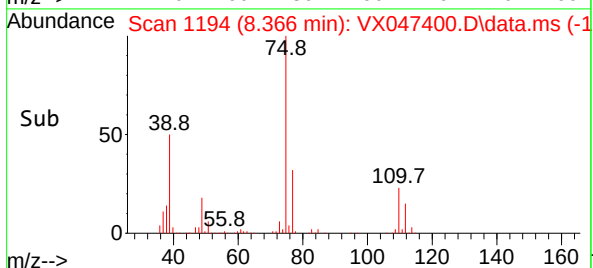
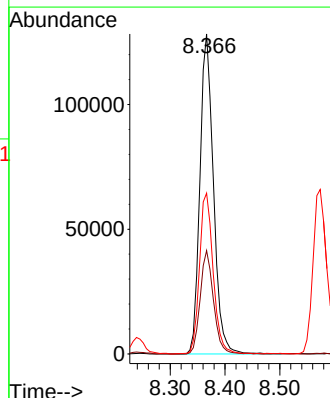
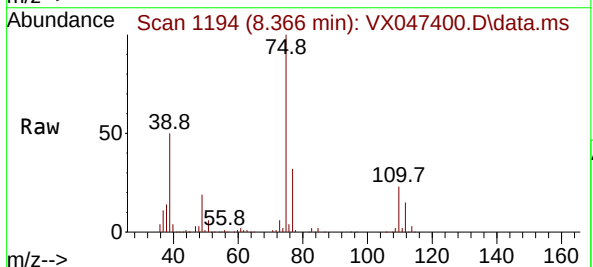
Tgt Ion: 75 Resp: 220487

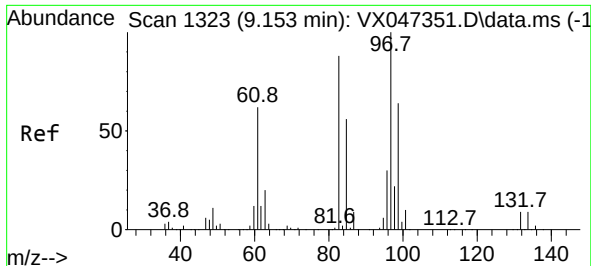
Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

39 50.1 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 52.264 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 137274

Ion Ratio Lower Upper

97 100

83 84.3 70.6 106.0

85 52.8 44.7 67.1

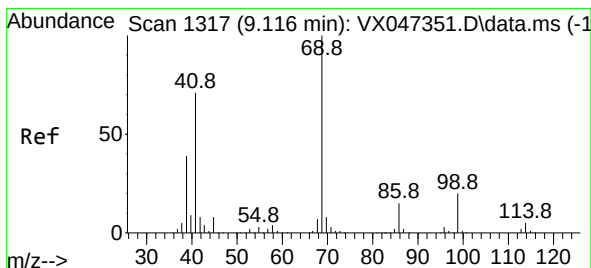
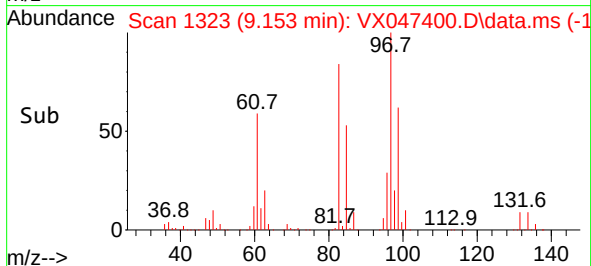
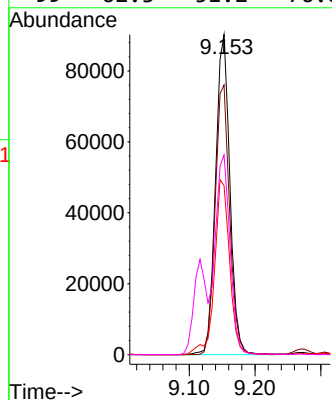
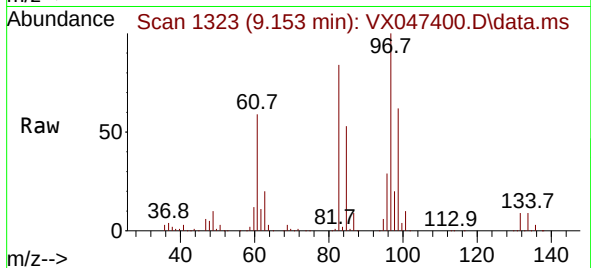
99 62.3 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#56

Ethyl methacrylate

Concen: 54.700 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

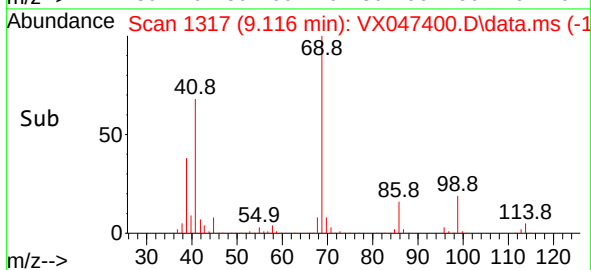
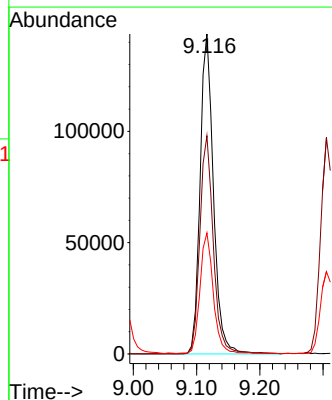
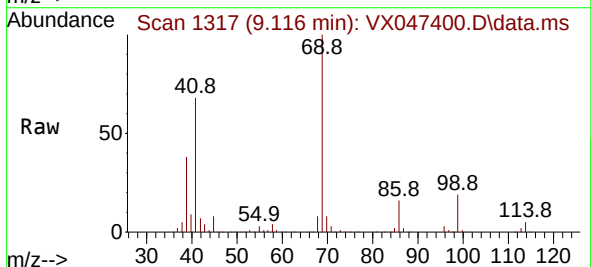
Tgt Ion: 69 Resp: 211825

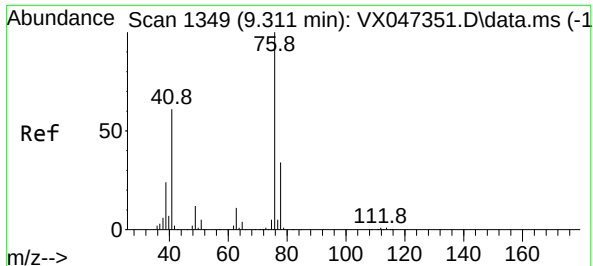
Ion Ratio Lower Upper

69 100

41 68.4 55.3 82.9

39 37.8 30.2 45.2





#57

1,3-Dichloropropane

Concen: 52.271 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 23394

Ion Ratio Lower Upper

76 100

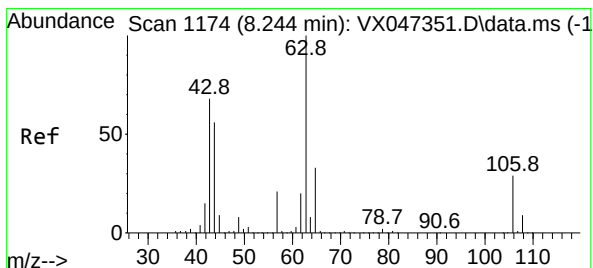
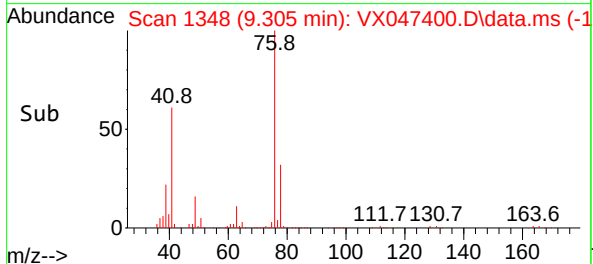
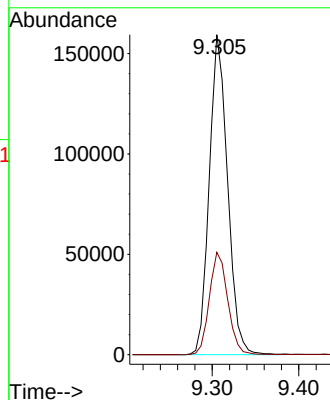
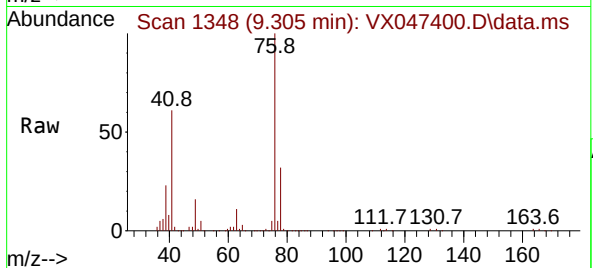
78 32.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 266.315 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047400.D

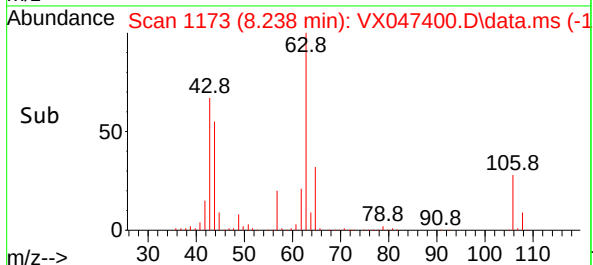
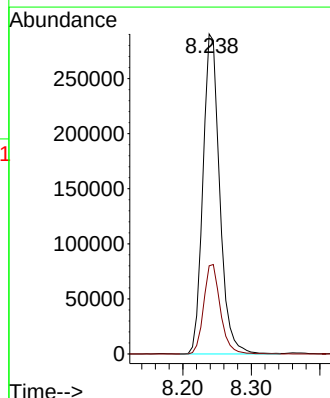
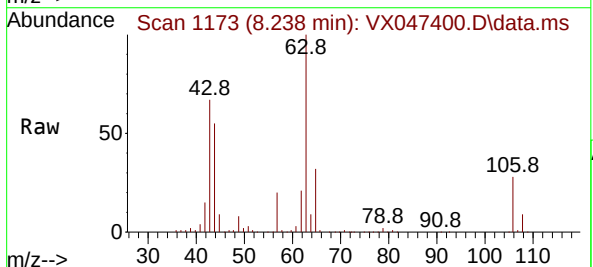
Acq: 19 Aug 2025 09:37

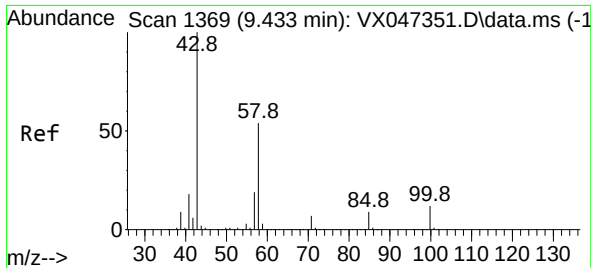
Tgt Ion: 63 Resp: 493500

Ion Ratio Lower Upper

63 100

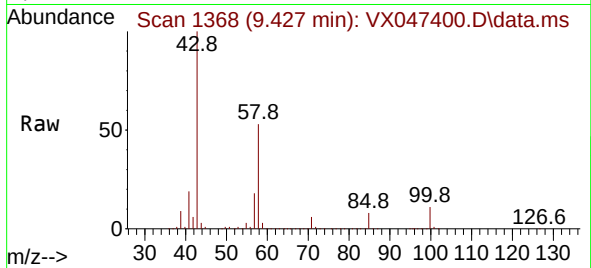
106 27.9 22.8 34.2





#59
2-Hexanone
Concen: 270.676 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

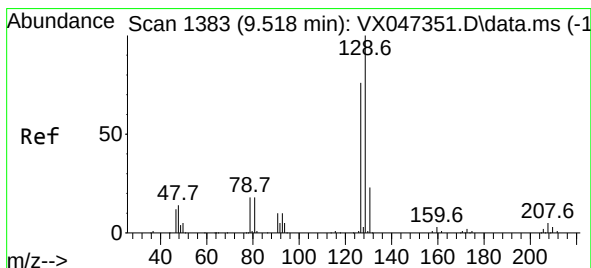
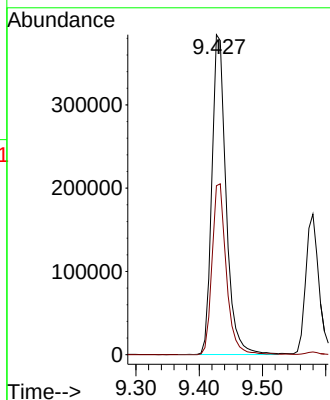
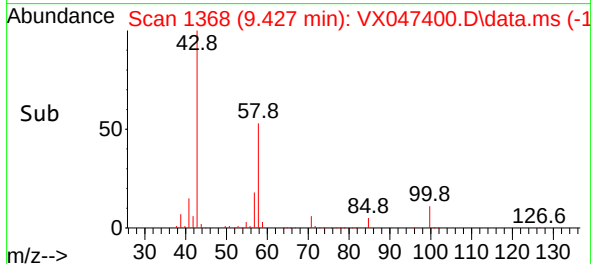
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 60102
Ion Ratio Lower Upper
43 100
58 53.6 26.9 80.7

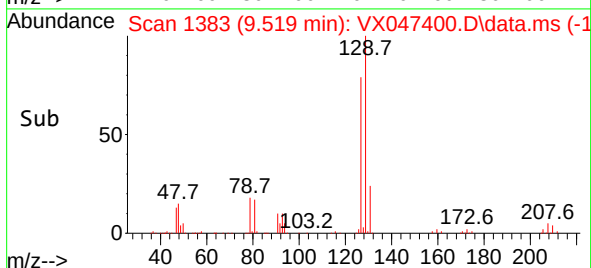
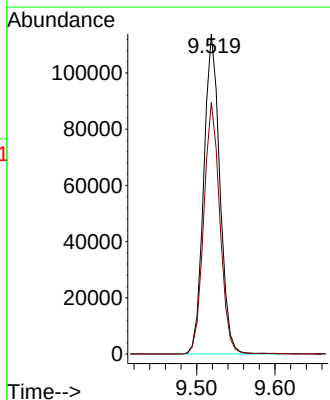
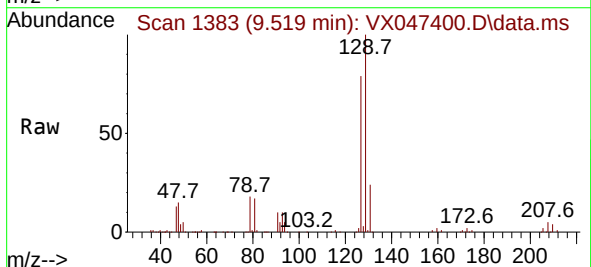
Manual Integrations
APPROVED

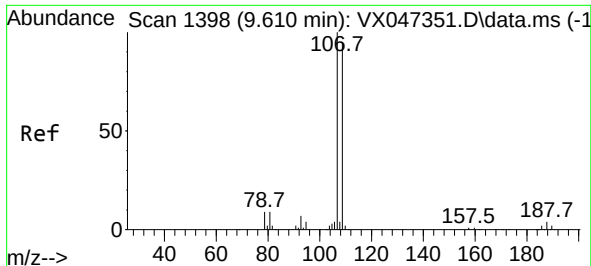
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#60
Dibromochloromethane
Concen: 51.968 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

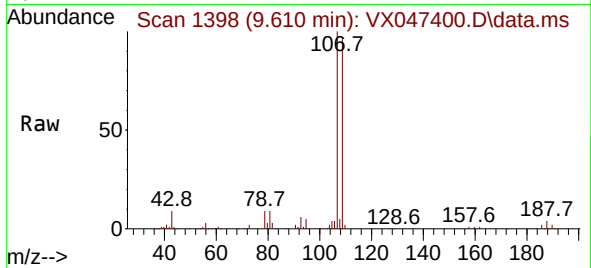
Tgt Ion:129 Resp: 162215
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6





#61
1,2-Dibromoethane
Concen: 52.124 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

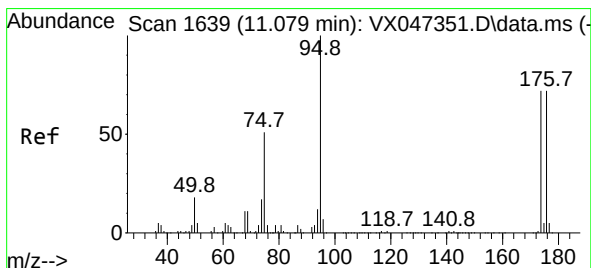
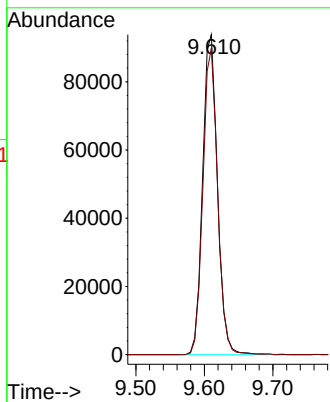
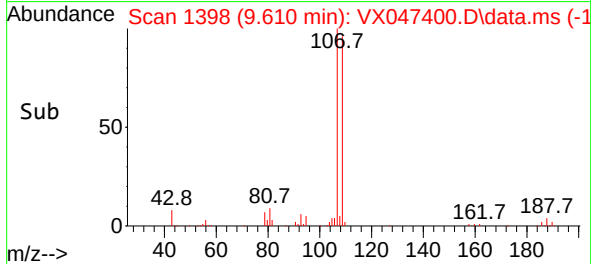
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



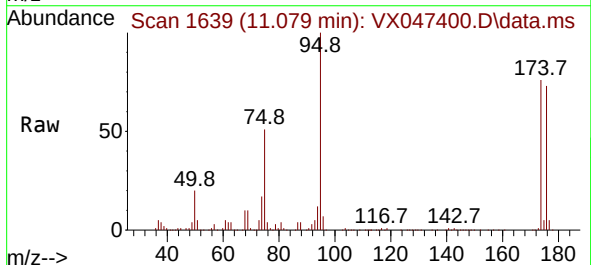
Tgt Ion:107 Resp: 141178
Ion Ratio Lower Upper
107 100
109 95.2 76.2 114.2

Manual Integrations
APPROVED

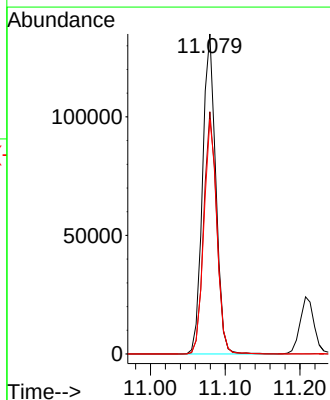
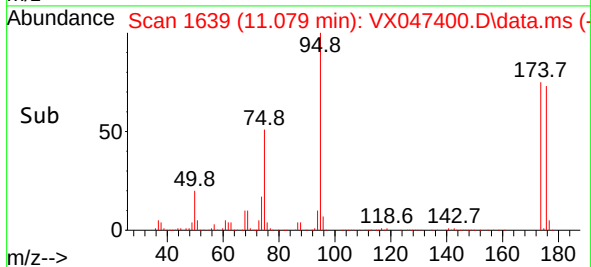
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

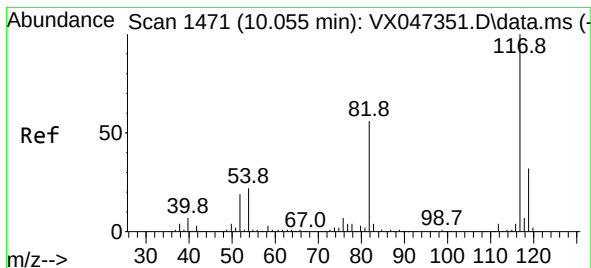


#62
4-Bromofluorobenzene
Concen: 53.183 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37



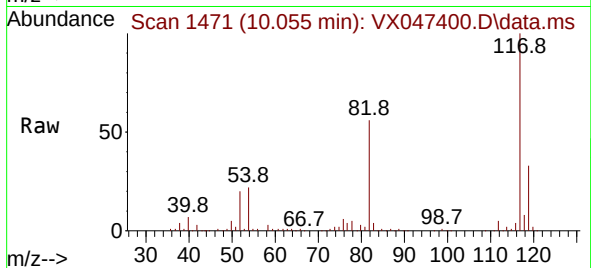
Tgt Ion: 95 Resp: 166205
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.0
176 72.4 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

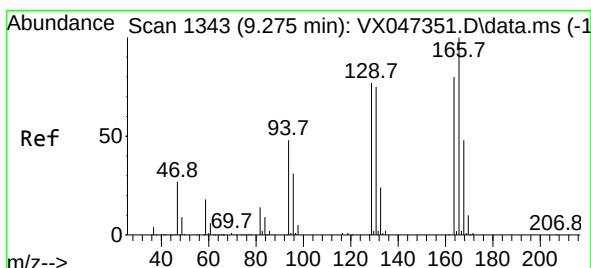
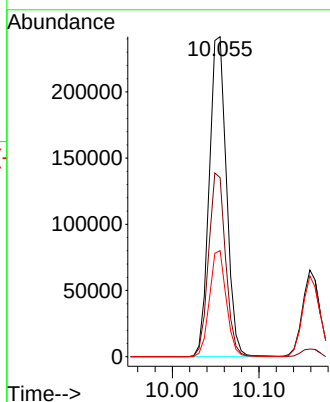
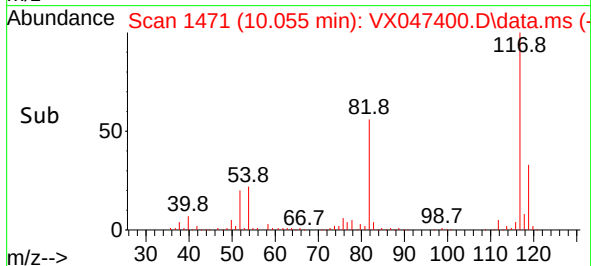
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 33405
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 33.2 25.8 38.8

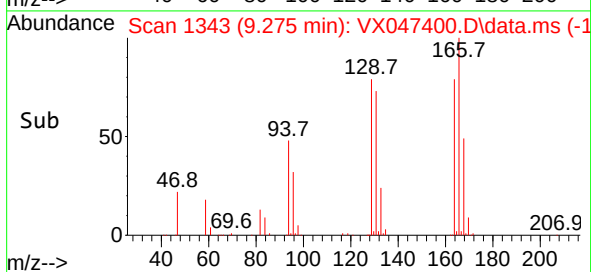
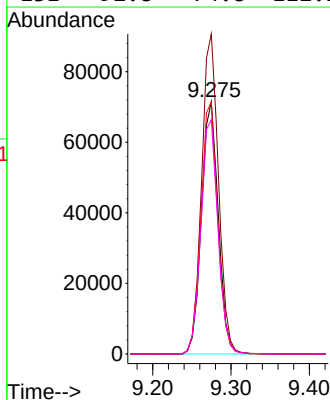
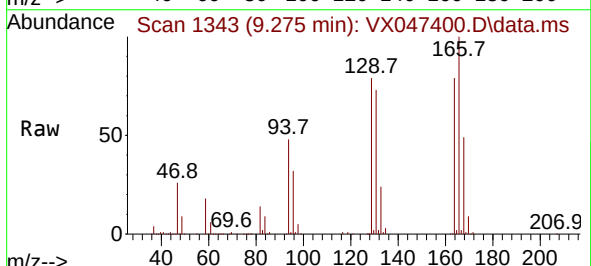
Manual Integrations
APPROVED

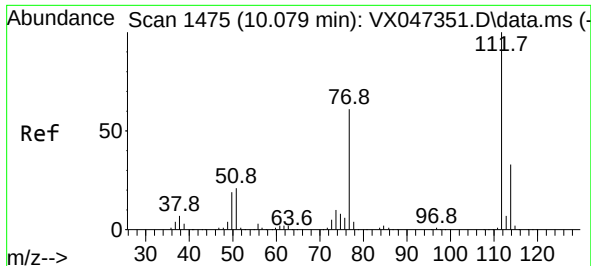
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#64
Tetrachloroethene
Concen: 44.081 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

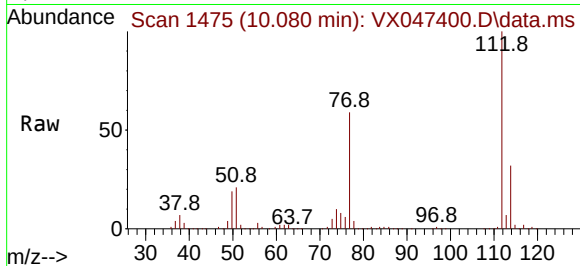
Tgt Ion:164 Resp: 106511
Ion Ratio Lower Upper
164 100
166 126.9 100.3 150.5
129 99.9 77.7 116.5
131 92.8 74.8 112.2





#65
Chlorobenzene
Concen: 47.476 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

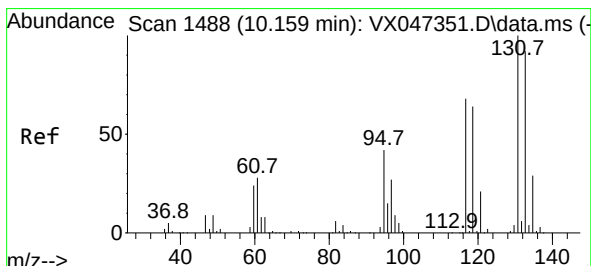
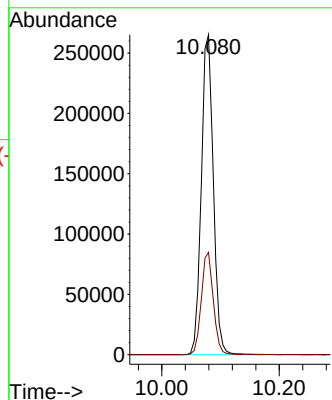
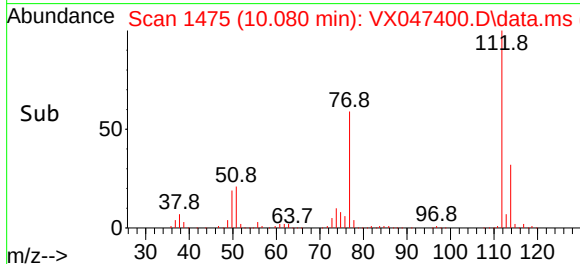
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



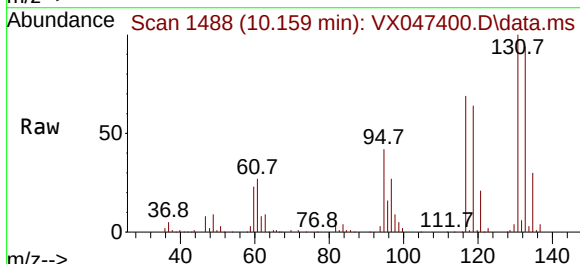
Tgt Ion:112 Resp: 376884
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6

Manual Integrations
APPROVED

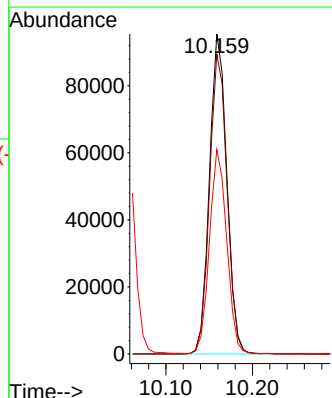
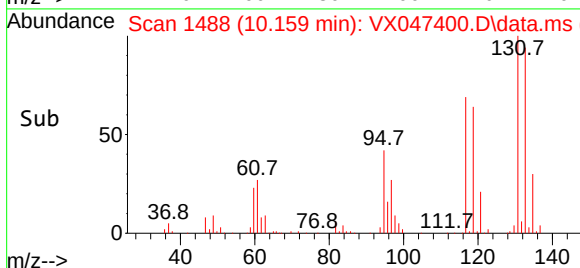
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

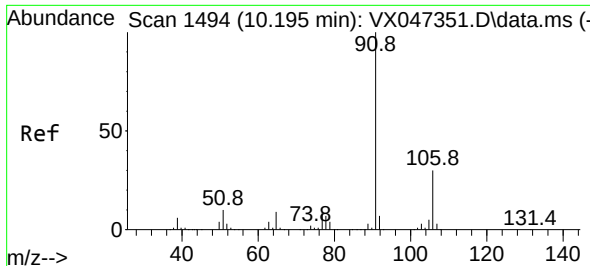


#66
1,1,1,2-Tetrachloroethane
Concen: 49.556 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37



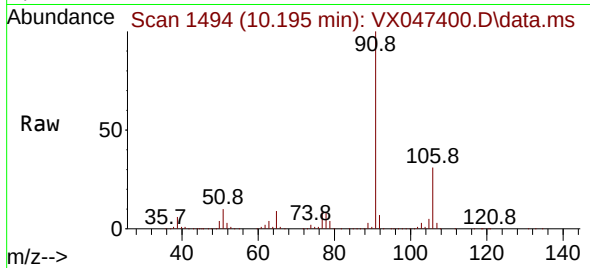
Tgt Ion:131 Resp: 132983
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 63.7 32.3 96.8





#67
Ethyl Benzene
Concen: 47.006 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

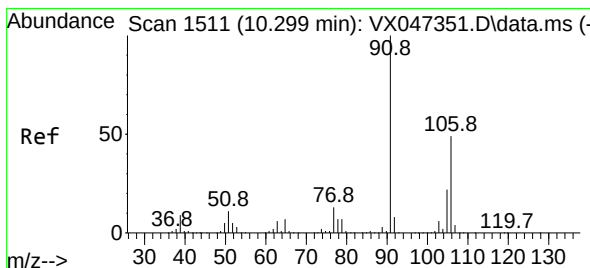
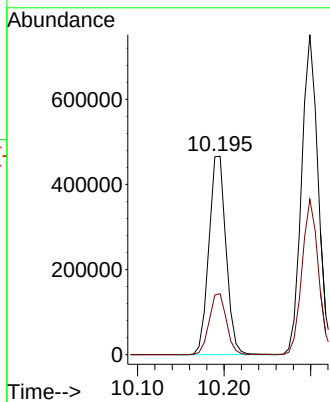
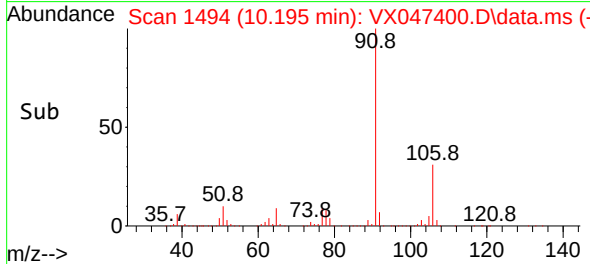
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 64224
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6

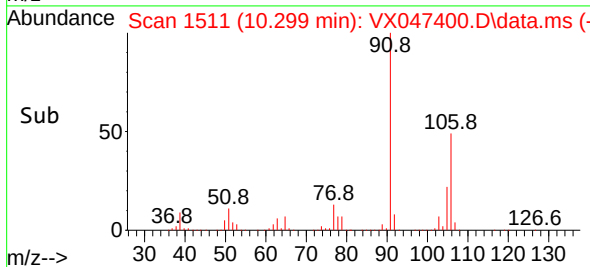
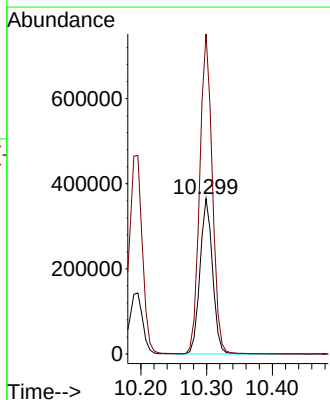
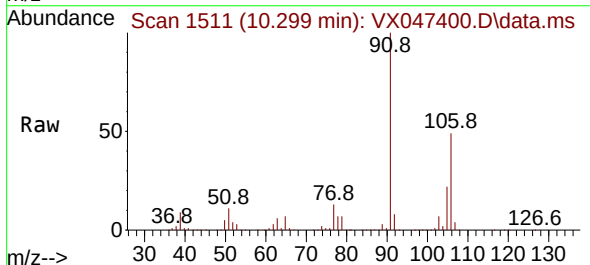
Manual Integrations
APPROVED

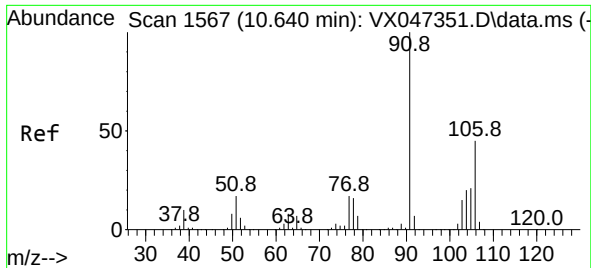
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#68
m/p-Xylenes
Concen: 95.157 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

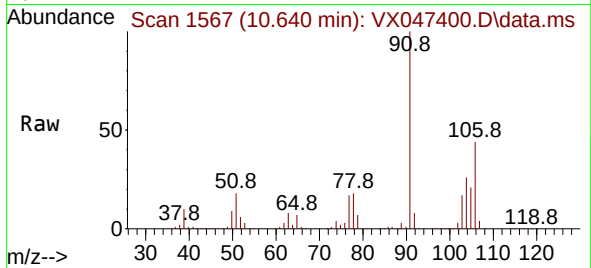
Tgt Ion:106 Resp: 484787
Ion Ratio Lower Upper
106 100
91 206.5 164.7 247.1





#69
o-Xylene
Concen: 47.570 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

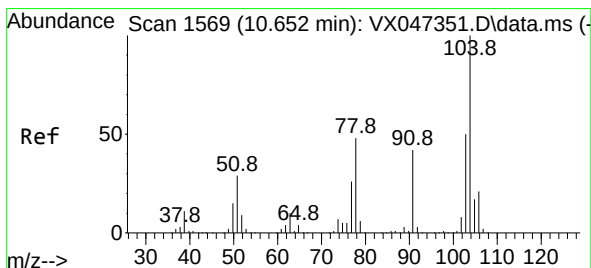
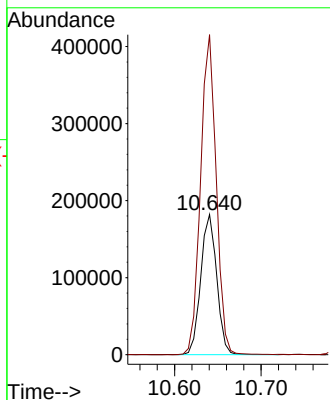
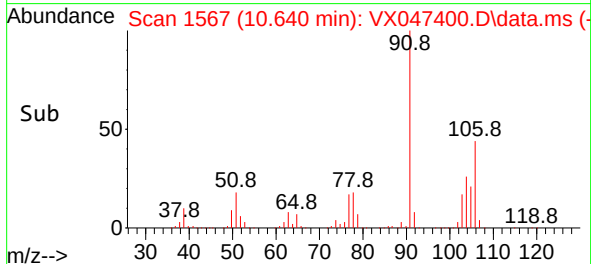
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 23322
Ion Ratio Lower Upper
106 100
91 223.5 110.6 331.8

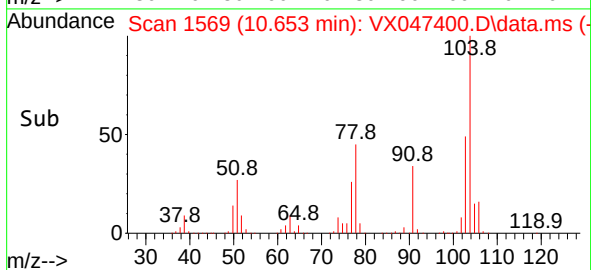
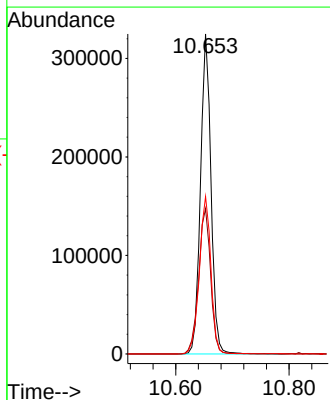
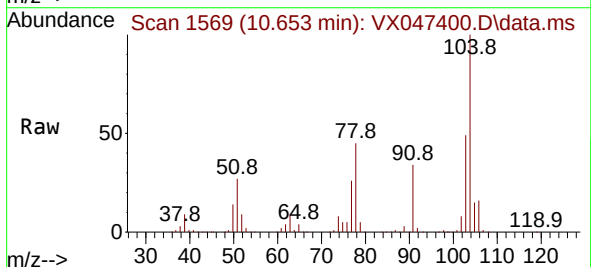
Manual Integrations
APPROVED

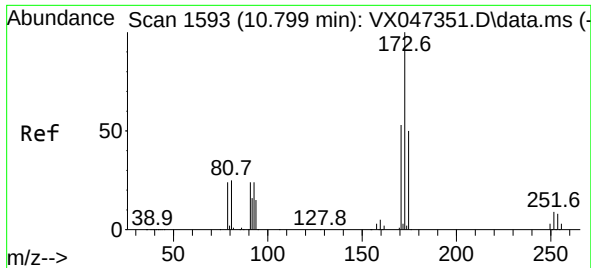
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#70
Styrene
Concen: 50.426 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

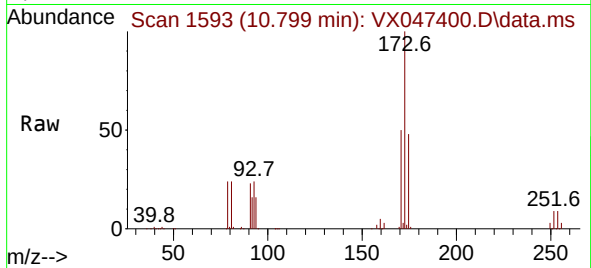
Tgt Ion:104 Resp: 417727
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 54.4 43.6 65.4





#71
Bromoform
Concen: 52.336 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

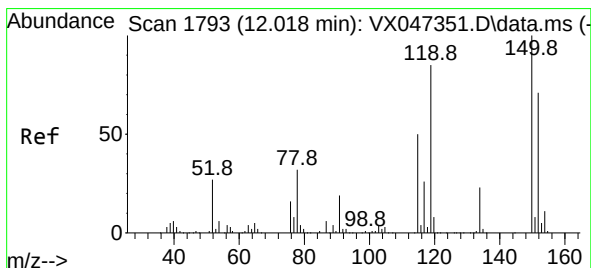
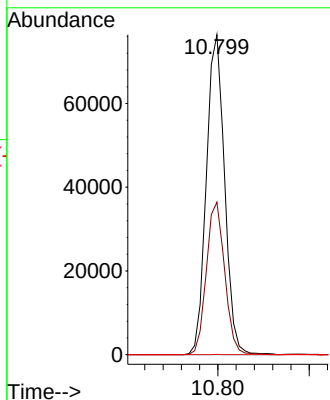
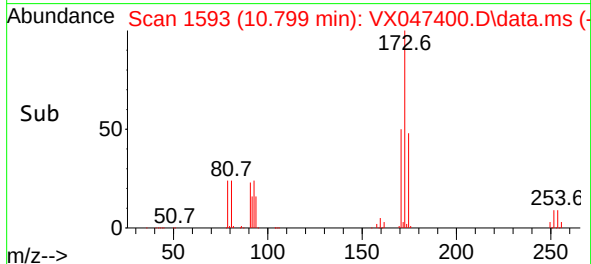
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 105509
Ion Ratio Lower Upper
173 100
175 48.0 24.4 73.4
254 0.0 0.1 0.1

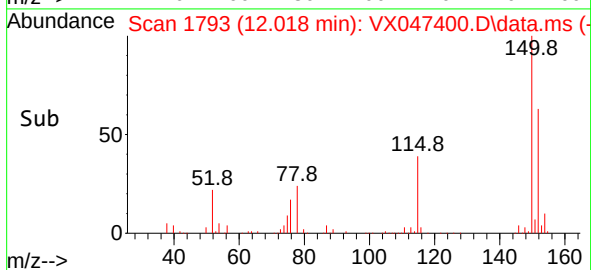
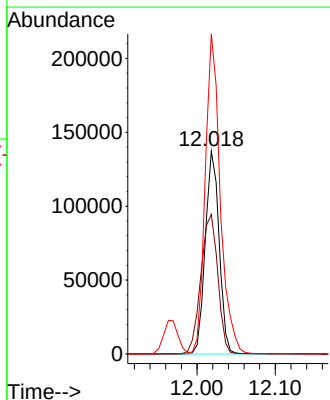
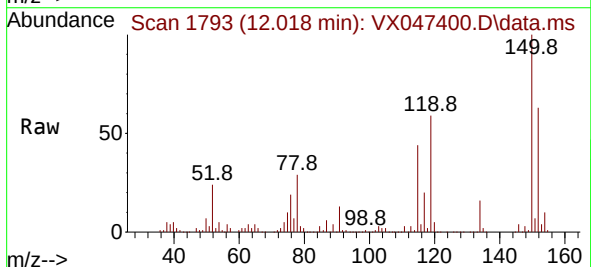
Manual Integrations
APPROVED

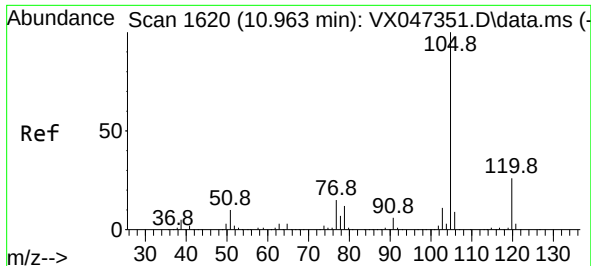
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

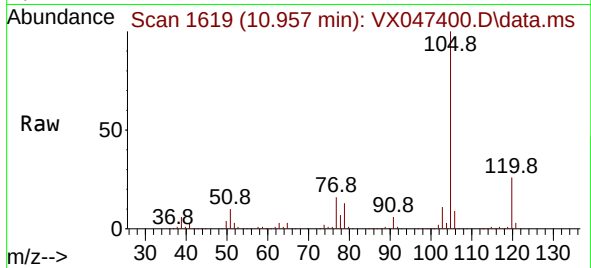
Tgt Ion:152 Resp: 167955
Ion Ratio Lower Upper
152 100
115 84.5 44.6 133.8
150 171.4 0.0 349.8





#73
Isopropylbenzene
Concen: 45.232 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

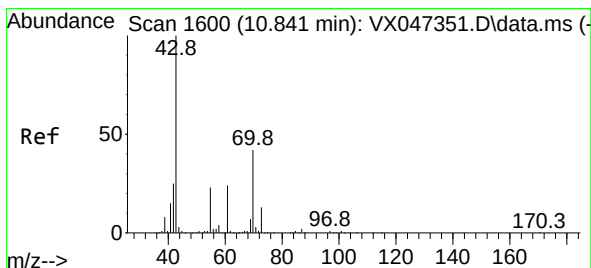
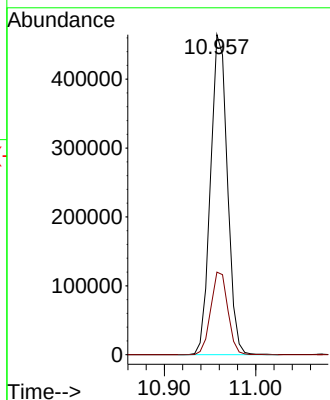
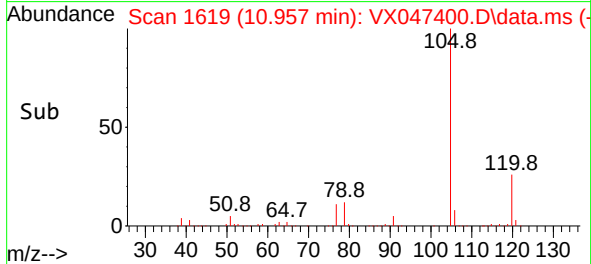
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



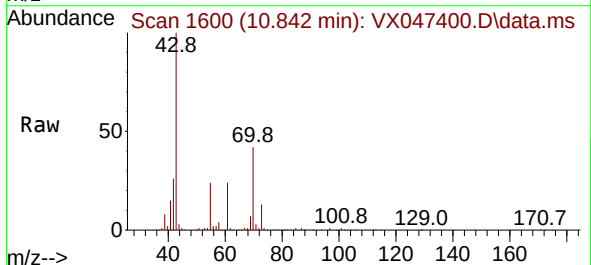
Tgt Ion:105 Resp: 59450
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

Manual Integrations
APPROVED

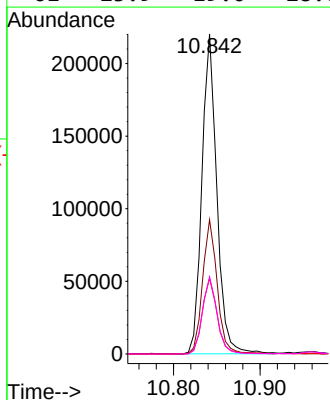
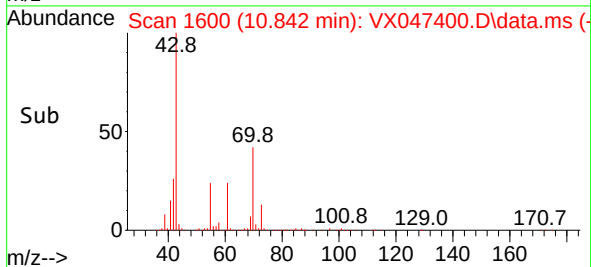
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

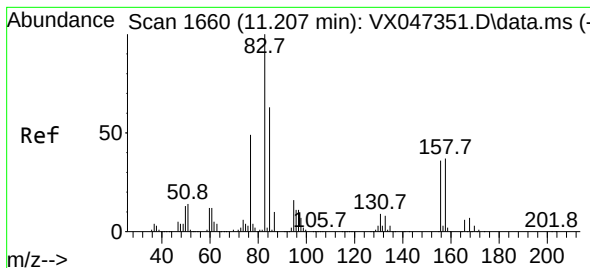


#74
N-ethyl acetate
Concen: 52.861 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37



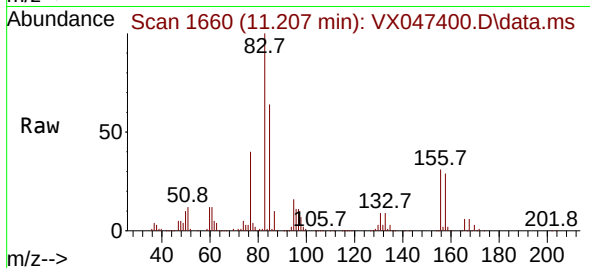
Tgt Ion: 43 Resp: 263829
Ion Ratio Lower Upper
43 100
70 41.4 33.1 49.7
55 23.7 19.0 28.6
61 23.9 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 50.522 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

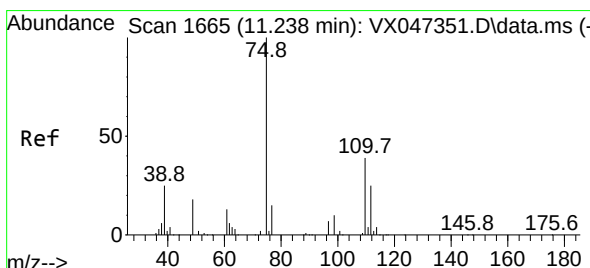
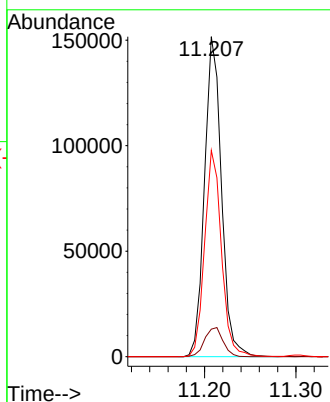
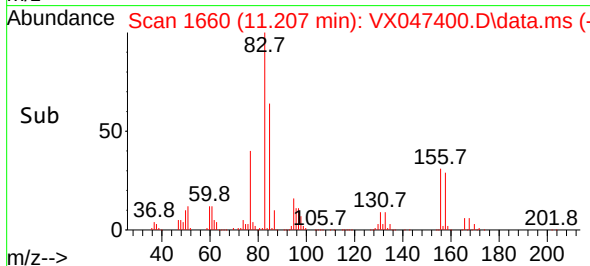
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 194960
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 63.9 31.7 95.1

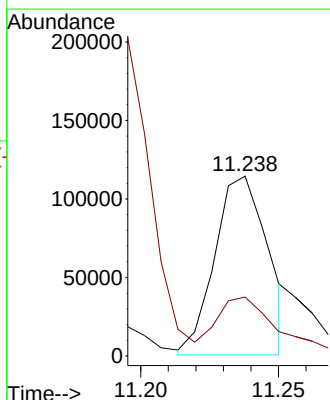
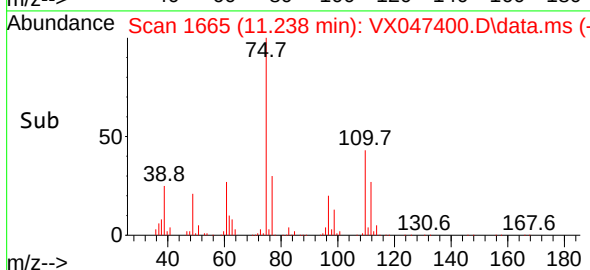
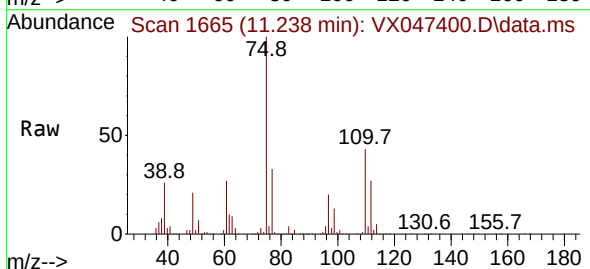
Manual Integrations
APPROVED

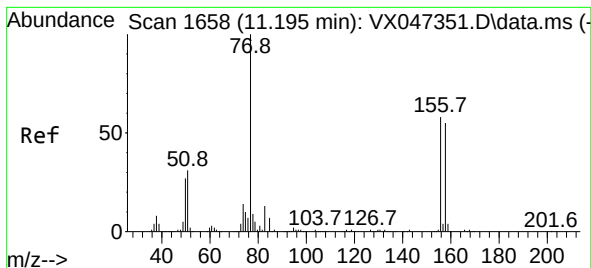
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#76
1,2,3-Trichloropropane
Concen: 49.366 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

Tgt Ion: 75 Resp: 152071
Ion Ratio Lower Upper
75 100
77 39.4 19.4 58.2





#77

Bromobenzene

Concen: 48.962 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

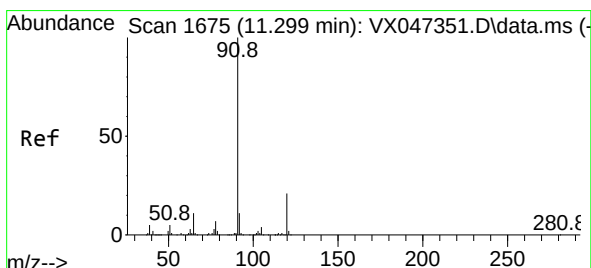
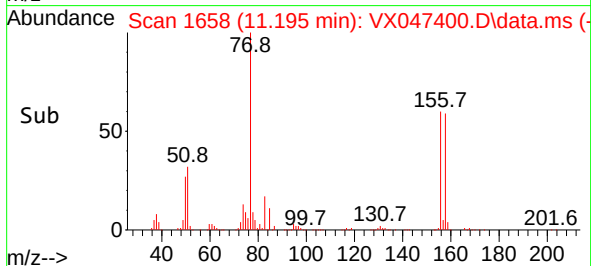
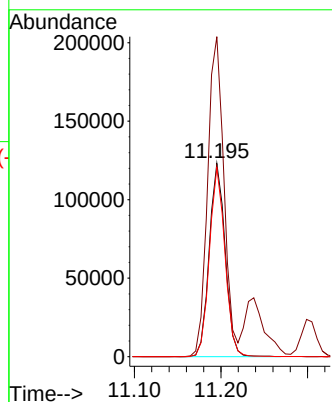
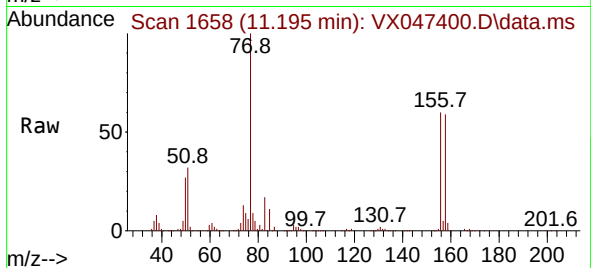
Tgt Ion:	156	Resp:	15714
Ion Ratio	Lower	Upper	
156	100		
77	169.6	86.3	258.9
158	95.7	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#78

n-propylbenzene

Concen: 45.715 ug/l

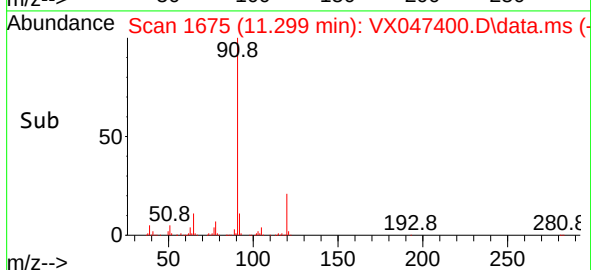
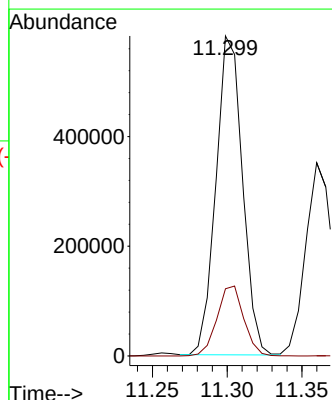
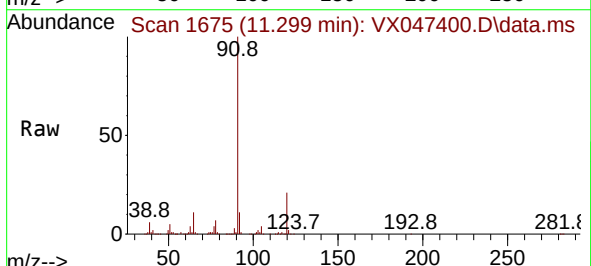
RT: 11.299 min Scan# 1675

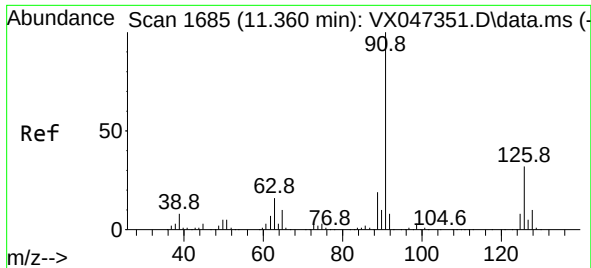
Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

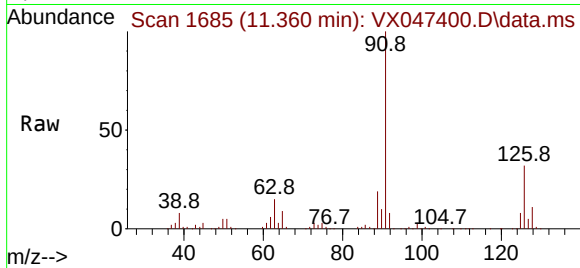
Tgt Ion:	91	Resp:	717602
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.0	33.0





#79
2-Chlorotoluene
Concen: 46.220 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

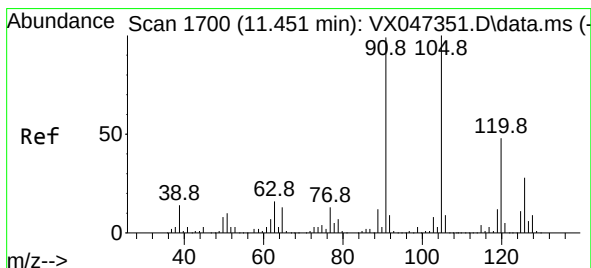
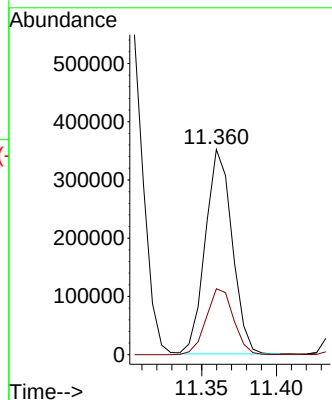
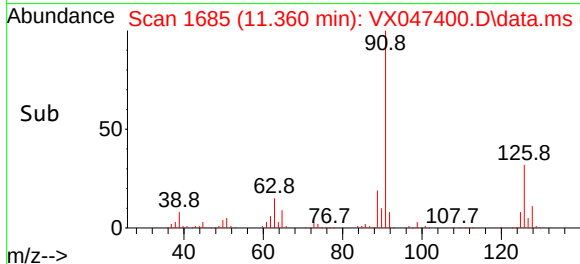
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



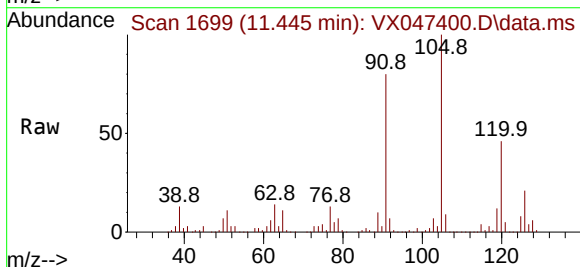
Tgt Ion: 91 Resp: 43858
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.1

Manual Integrations
APPROVED

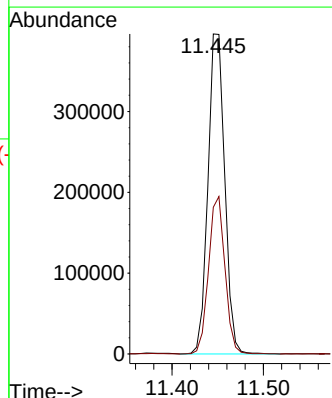
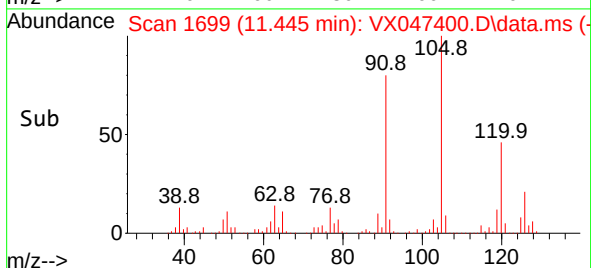
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

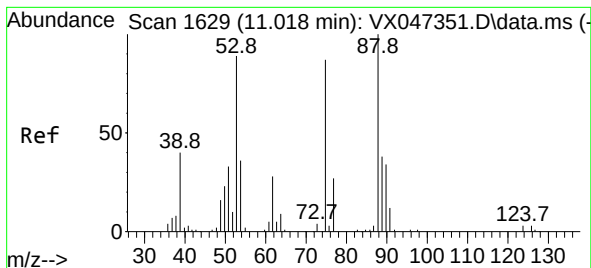


#80
1,3,5-Trimethylbenzene
Concen: 46.784 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37



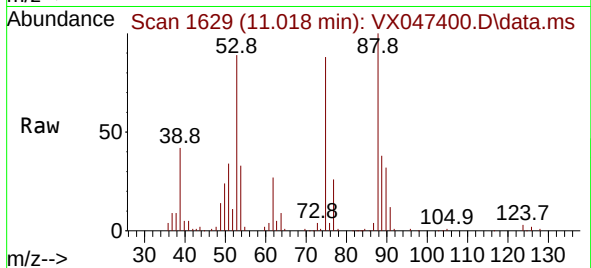
Tgt Ion:105 Resp: 505924
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 44.250 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

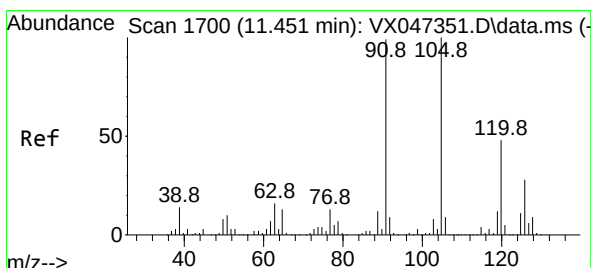
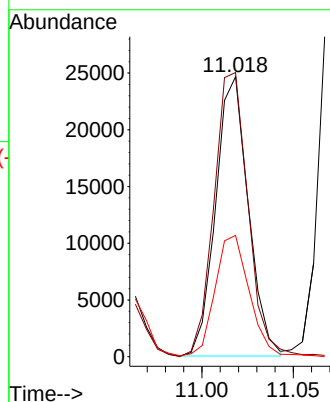
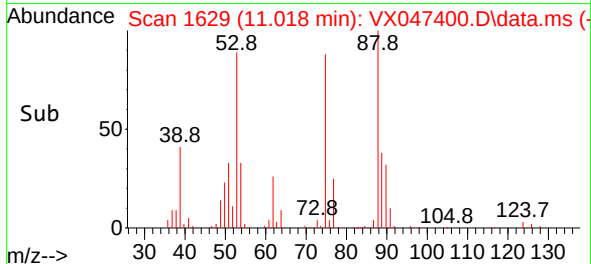
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



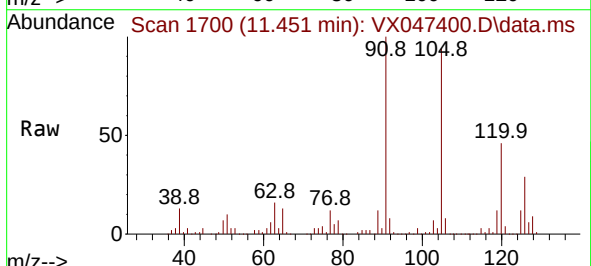
Tgt Ion: 75 Resp: 30598
Ion Ratio Lower Upper
75 100
53 107.2 85.2 127.8
89 45.9 36.7 55.1

Manual Integrations
APPROVED

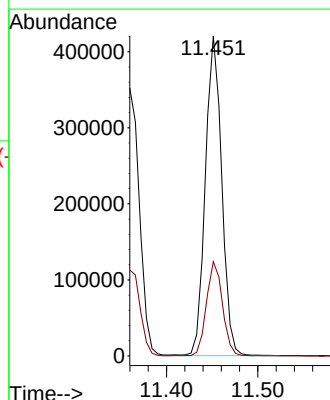
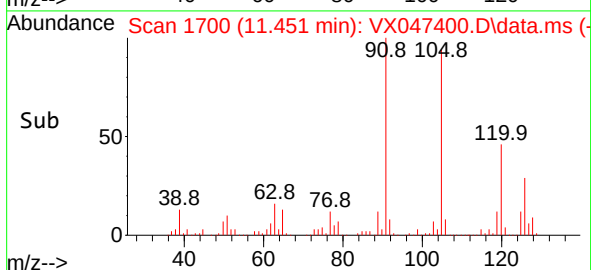
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

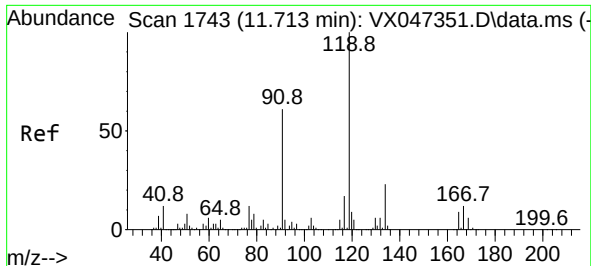


#82
4-Chlorotoluene
Concen: 46.620 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37



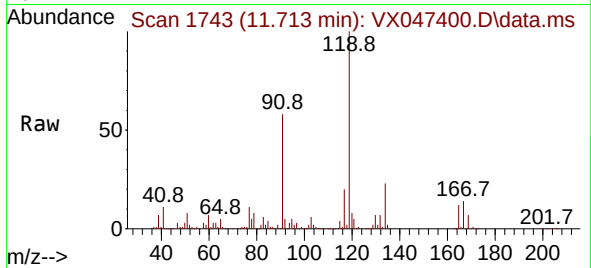
Tgt Ion: 91 Resp: 521477
Ion Ratio Lower Upper
91 100
126 28.9 14.4 43.0





#83
tert-Butylbenzene
Concen: 47.081 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

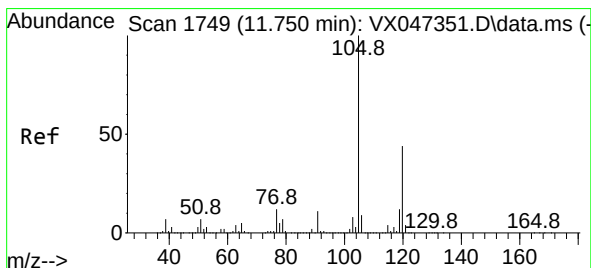
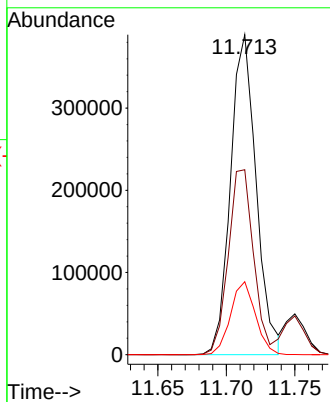
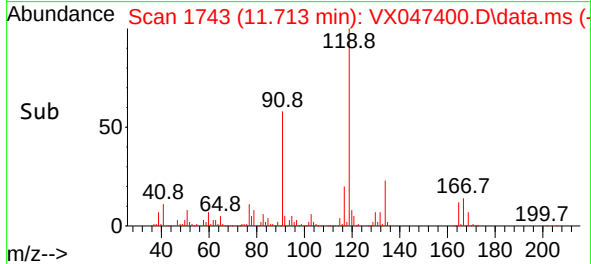
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



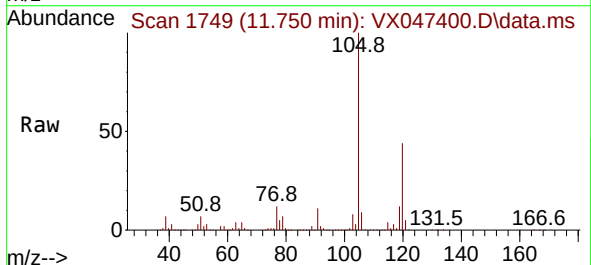
Tgt Ion:119 Resp: 50795
Ion Ratio Lower Upper
119 100
91 56.8 29.1 87.4
134 22.2 11.3 33.9

Manual Integrations
APPROVED

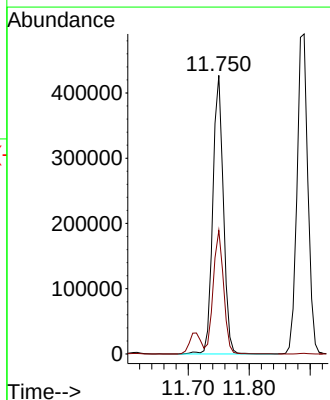
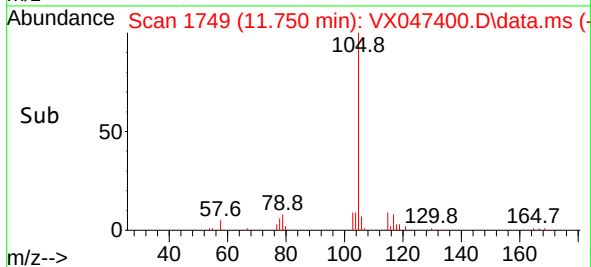
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

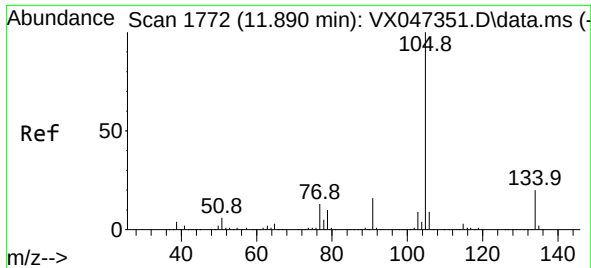


#84
1,2,4-Trimethylbenzene
Concen: 47.529 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37



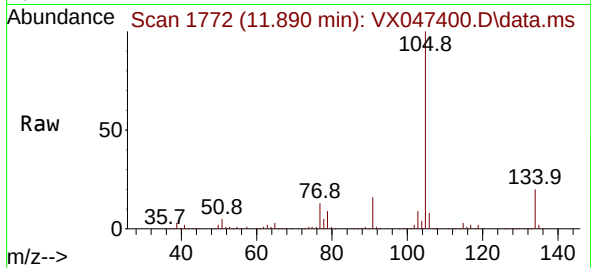
Tgt Ion:105 Resp: 513998
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.7





#85
 sec-Butylbenzene
 Concen: 45.552 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047400.D
 Acq: 19 Aug 2025 09:37

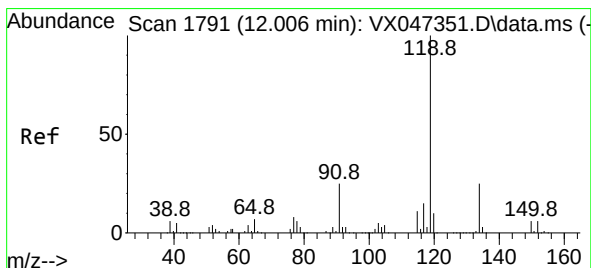
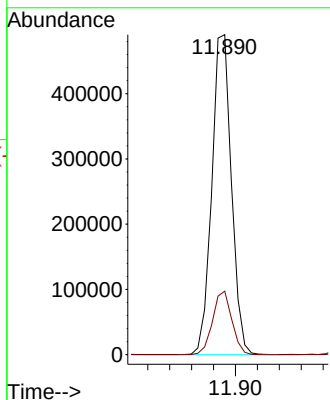
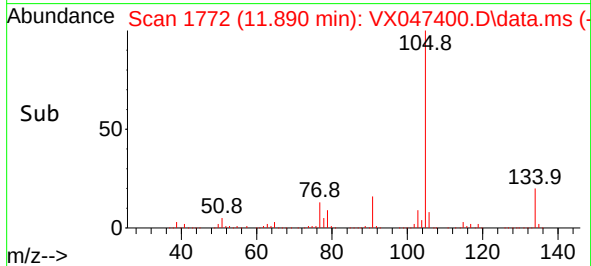
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



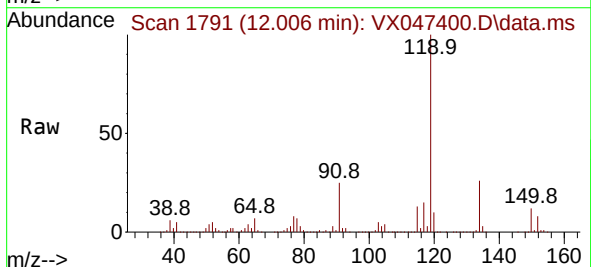
Tgt Ion:105 Resp: 60914
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5

Manual Integrations
 APPROVED

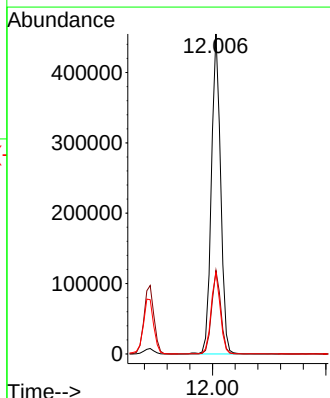
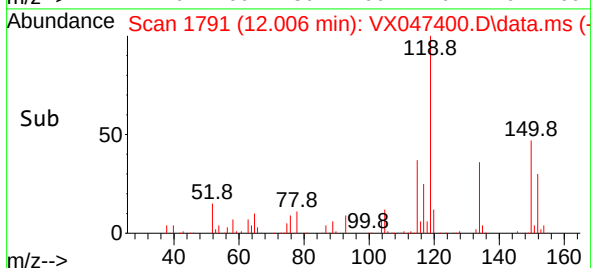
Reviewed By :John Carlone 08/20/2025
 Supervised By :Mahesh Dadoda 08/20/2025

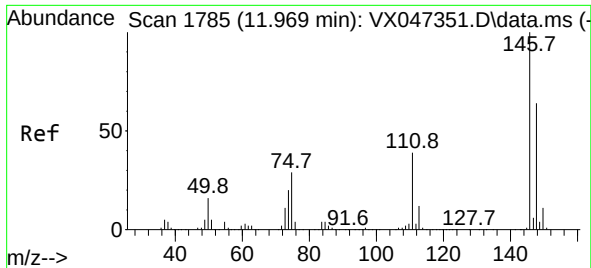


#86
 p-Isopropyltoluene
 Concen: 45.458 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047400.D
 Acq: 19 Aug 2025 09:37



Tgt Ion:119 Resp: 514402
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 25.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.630 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

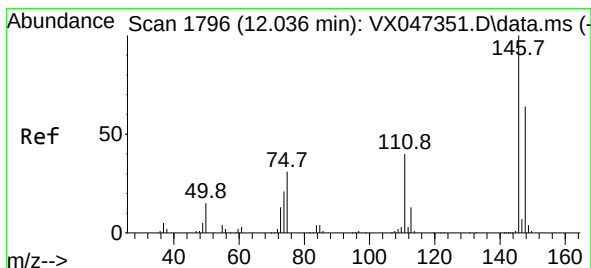
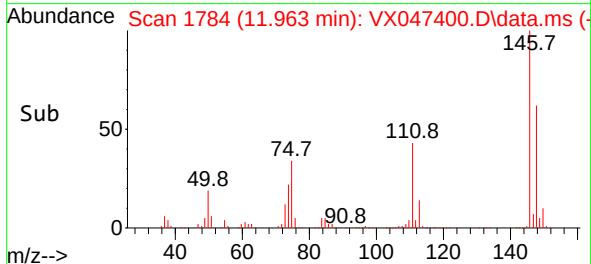
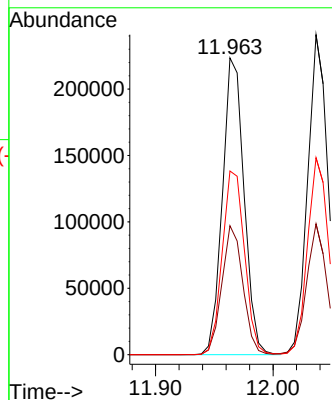
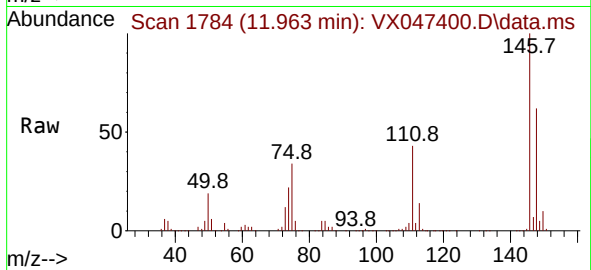
Tgt Ion:146 Resp: 285904
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.6 61.8
 148 64.0 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#88

1,4-Dichlorobenzene

Concen: 46.253 ug/l

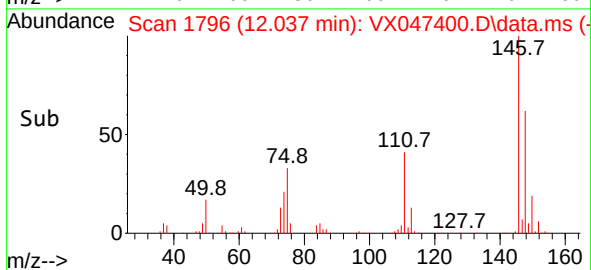
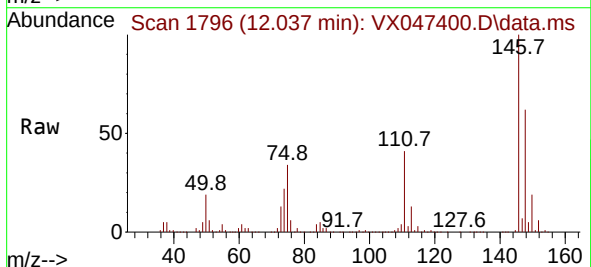
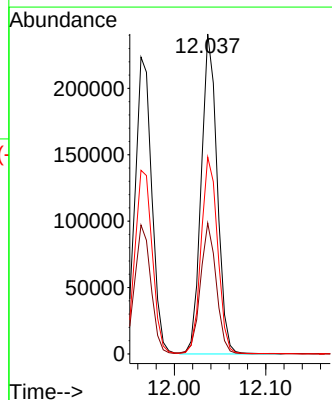
RT: 12.037 min Scan# 1796

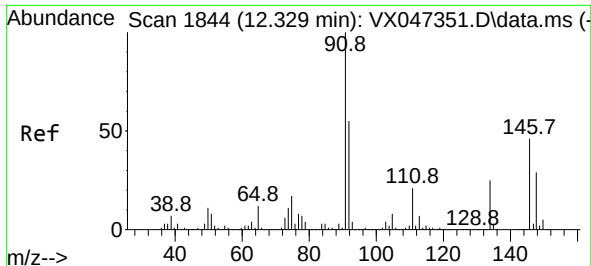
Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

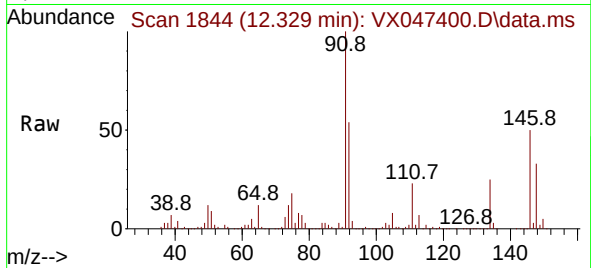
Tgt Ion:146 Resp: 291680
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.4 61.2
 148 63.4 31.7 95.1





#89
n-Butylbenzene
Concen: 45.672 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

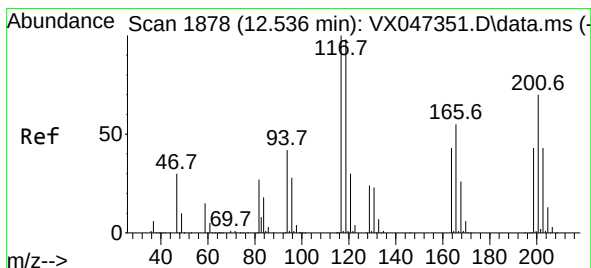
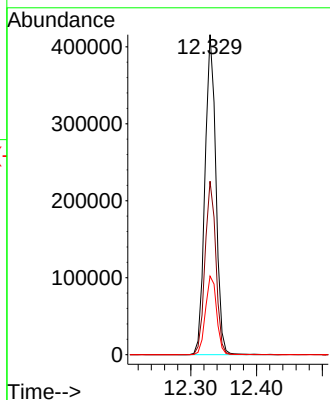
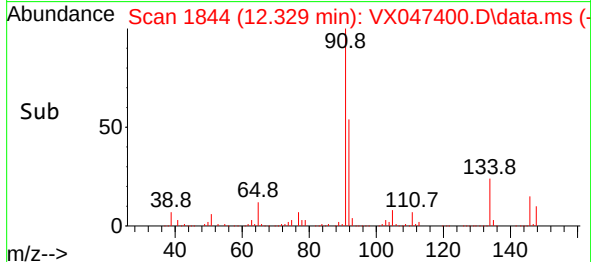
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 48070
Ion Ratio Lower Upper
91 100
92 53.9 27.2 81.5
134 25.2 12.6 37.8

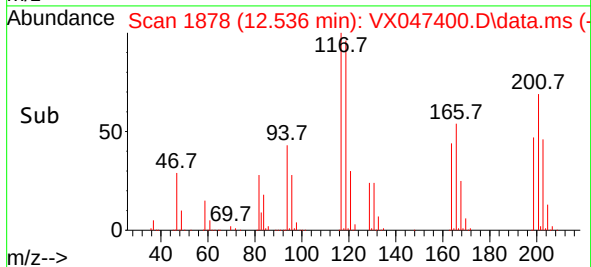
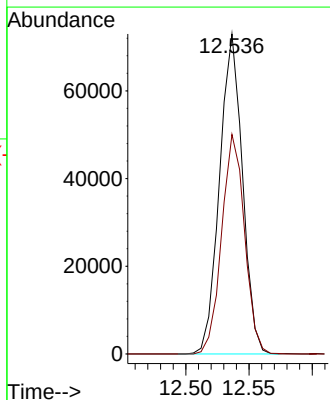
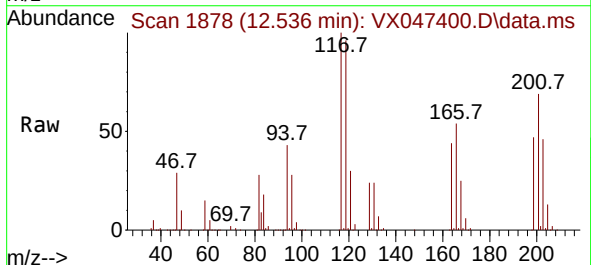
Manual Integrations
APPROVED

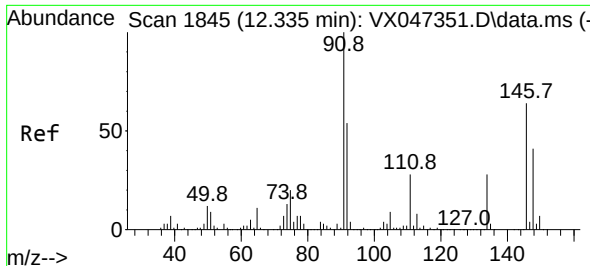
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025



#90
Hexachloroethane
Concen: 46.201 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

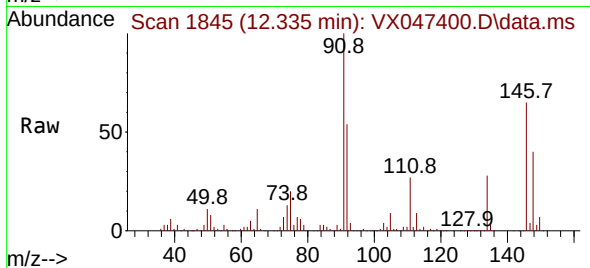
Tgt Ion:117 Resp: 91716
Ion Ratio Lower Upper
117 100
201 68.6 35.1 105.3





#91
1,2-Dichlorobenzene
Concen: 47.938 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

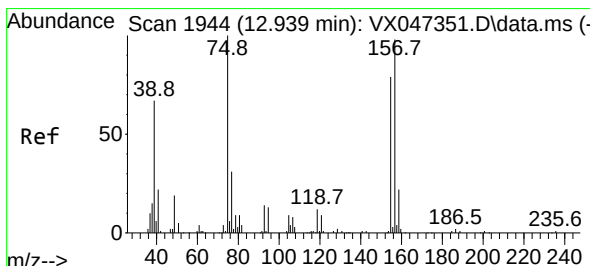
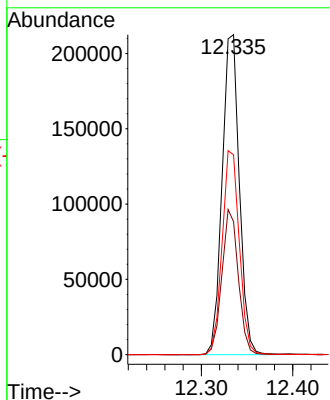
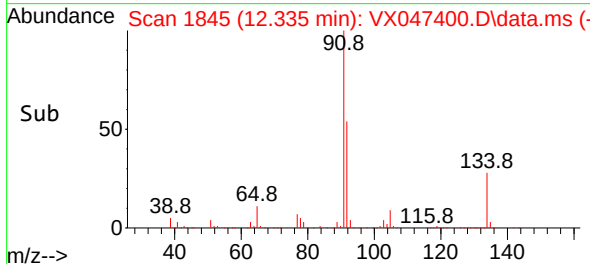
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



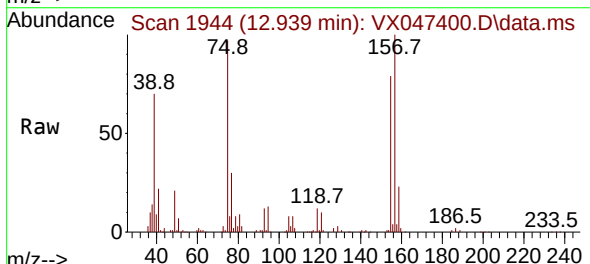
Tgt Ion:146 Resp: 27898
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.1
148 63.9 31.9 95.5

Manual Integrations
APPROVED

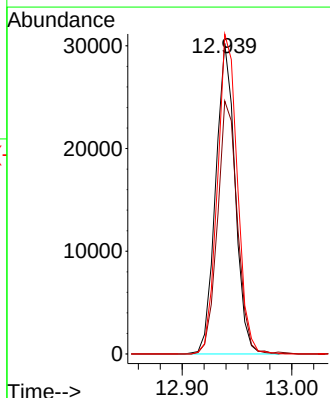
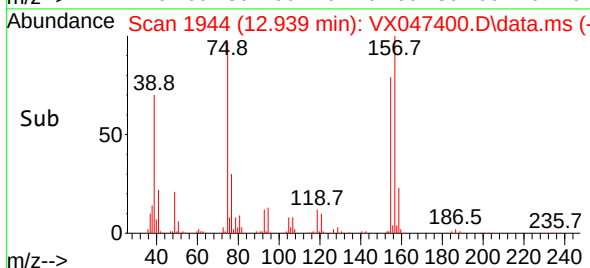
Reviewed By :John Carlone 08/20/2025
Supervised By :Mahesh Dadoda 08/20/2025

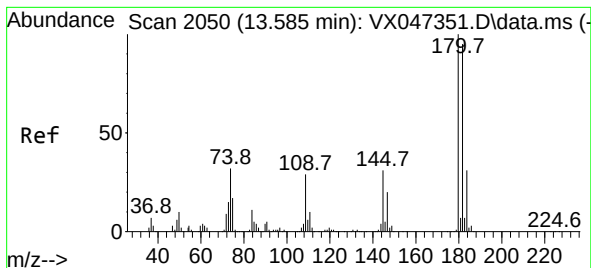


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.925 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37



Tgt Ion: 75 Resp: 37258
Ion Ratio Lower Upper
75 100
155 83.1 41.3 123.7
157 105.7 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 48.028 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 187378

Ion Ratio Lower Upper

180 100

182 95.0 48.1 144.4

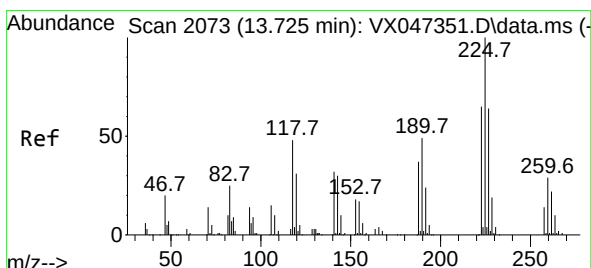
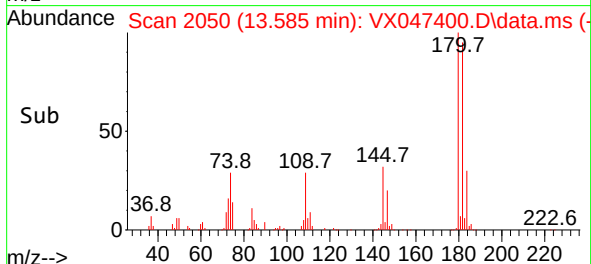
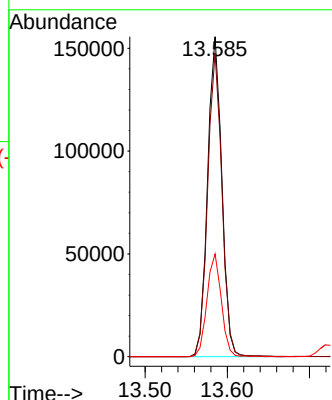
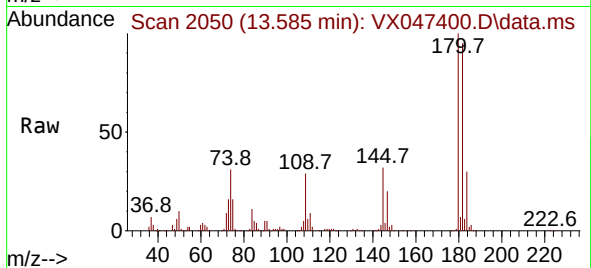
145 32.4 16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/20/2025

Supervised By :Mahesh Dadoda 08/20/2025



#94

Hexachlorobutadiene

Concen: 45.633 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX047400.D

Acq: 19 Aug 2025 09:37

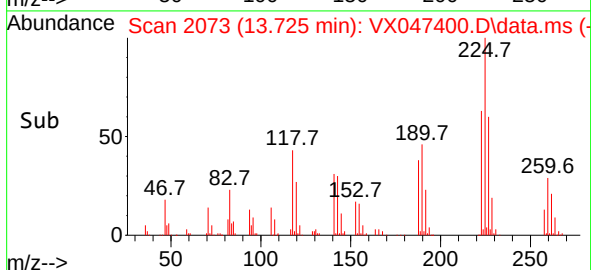
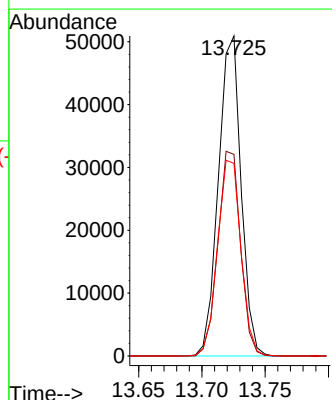
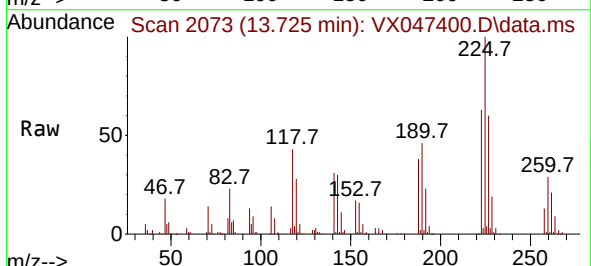
Tgt Ion:225 Resp: 63372

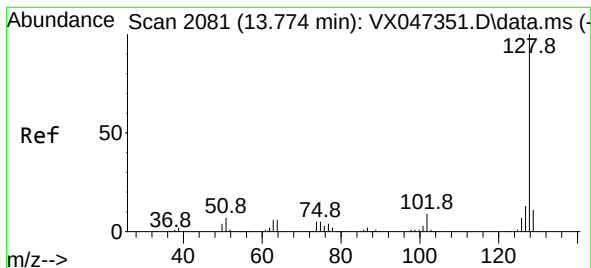
Ion Ratio Lower Upper

225 100

223 63.8 32.2 96.6

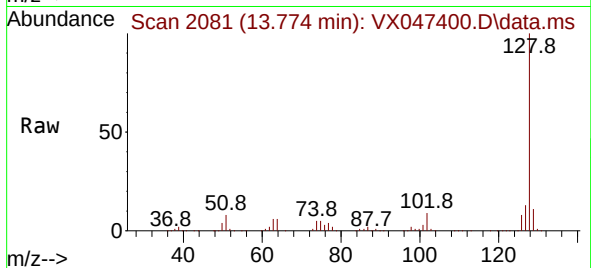
227 63.3 31.6 95.0





#95
Naphthalene
Concen: 51.217 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37

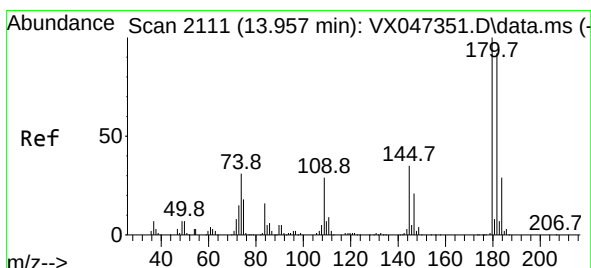
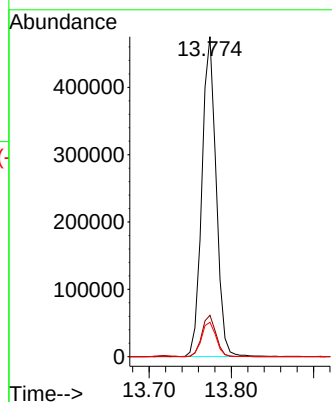
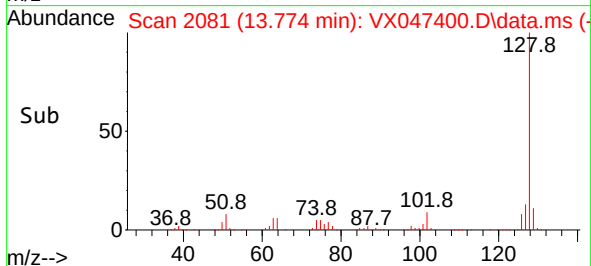
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



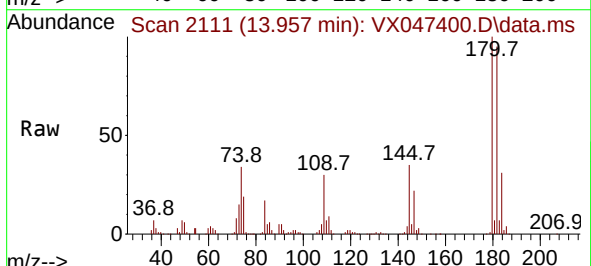
Tgt Ion:128 Resp: 571033
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.2 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.242 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047400.D
Acq: 19 Aug 2025 09:37



Tgt Ion:180 Resp: 181090
Ion Ratio Lower Upper
180 100
182 96.4 48.0 144.2
145 34.6 17.4 52.2

