

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX047014.D
 Acq On : 15 Jul 2025 19:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 16 02:34:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2025
 Supervised By : Mahesh Dadoda 07/16/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	298786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	522407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	464903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	228381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	202757	51.367	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.740%			
35) Dibromofluoromethane	5.397	113	163236	46.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.060%			
50) Toluene-d8	8.653	98	574148	45.890	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.780%#			
62) 4-Bromofluorobenzene	11.079	95	236239	49.682	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	115888	40.556	ug/l	93
3) Chloromethane	1.307	50	130766	41.886	ug/l	98
4) Vinyl Chloride	1.386	62	152125	44.746	ug/l	98
5) Bromomethane	1.618	94	94969	43.475	ug/l	98
6) Chloroethane	1.697	64	99770	44.442	ug/l	99
7) Trichlorofluoromethane	1.904	101	244658	46.541	ug/l	98
8) Diethyl Ether	2.148	74	96075	51.357	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	156078	46.595	ug/l	100
10) Methyl Iodide	2.465	142	156498	42.884	ug/l	97
11) Tert butyl alcohol	2.959	59	106418	411.069	ug/l	97
12) 1,1-Dichloroethene	2.331	96	149988	46.294	ug/l	95
13) Acrolein	2.252	56	78714	274.873	ug/l	99
14) Allyl chloride	2.678	41	283869	49.212	ug/l	99
15) Acrylonitrile	3.075	53	464855	310.575	ug/l	100
16) Acetone	2.386	43	359951	293.574	ug/l	97
17) Carbon Disulfide	2.526	76	289360	34.056	ug/l	100
18) Methyl Acetate	2.715	43	249253	77.128	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	556635	60.839	ug/l	96
20) Methylene Chloride	2.806	84	179000	49.371	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	158550	47.824	ug/l	97
22) Diisopropyl ether	3.770	45	629011	56.444	ug/l	90
23) Vinyl Acetate	3.733	43	2383004	285.427	ug/l	100
24) 1,1-Dichloroethane	3.623	63	325821	51.265	ug/l	99
25) 2-Butanone	4.562	43	577328	352.924	ug/l	100
26) 2,2-Dichloropropane	4.495	77	191579	40.503	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	207209	51.191	ug/l	100
28) Bromochloromethane	4.910	49	166213	52.990	ug/l	97
29) Tetrahydrofuran	5.013	42	369408	354.250	ug/l	99
30) Chloroform	5.105	83	342735	52.785	ug/l	98
31) Cyclohexane	5.483	56	270760	47.988	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	284261	52.401	ug/l	98
36) 1,1-Dichloropropene	5.702	75	220819	46.153	ug/l	98
37) Ethyl Acetate	4.727	43	239867	58.863	ug/l	99
38) Carbon Tetrachloride	5.690	117	232934	46.050	ug/l	99
39) Methylcyclohexane	7.385	83	274182	45.812	ug/l	97
40) Benzene	6.050	78	694808	48.012	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	140857	64.798	ug/l	97
42) 1,2-Dichloroethane	6.092	62	253486	51.584	ug/l	99
43) Isopropyl Acetate	6.348	43	407773	65.331	ug/l	99
44) Trichloroethene	7.129	130	176463	46.844	ug/l	95
45) 1,2-Dichloropropane	7.434	63	185887	50.841	ug/l	97
46) Dibromomethane	7.586	93	129510	51.124	ug/l	100
47) Bromodichloromethane	7.824	83	264028	48.812	ug/l	99
48) Methyl methacrylate	7.696	41	211056	65.487	ug/l	98
49) 1,4-Dioxane	7.659	88	53670	1437.203	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1267065	343.968	ug/l	99
52) Toluene	8.720	92	443977	49.509	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	246192	50.999	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	274399	49.799	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	182572	54.660	ug/l	97
56) Ethyl methacrylate	9.116	69	292922	63.361	ug/l	99
57) 1,3-Dichloropropane	9.311	76	303912	52.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	745307	286.123	ug/l	99
59) 2-Hexanone	9.427	43	875774	358.427	ug/l	100
60) Dibromochloromethane	9.519	129	196223	49.089	ug/l	98
61) 1,2-Dibromoethane	9.610	107	180065	53.678	ug/l	99
64) Tetrachloroethene	9.275	164	144051	46.538	ug/l	96
65) Chlorobenzene	10.079	112	506305	50.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	169833	50.262	ug/l	100
67) Ethyl Benzene	10.195	91	877349	50.969	ug/l	99
68) m/p-Xylenes	10.299	106	649925	100.200	ug/l	99
69) o-Xylene	10.640	106	323526	51.636	ug/l	100
70) Styrene	10.653	104	564719	52.681	ug/l	99
71) Bromoform	10.799	173	124012	49.360	ug/l #	99
73) Isopropylbenzene	10.963	105	864761	53.864	ug/l	99
74) N-amyl acetate	10.842	43	378156	69.316	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	266436	60.354	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	214144m	60.685	ug/l	
77) Bromobenzene	11.195	156	208755	52.202	ug/l	98
78) n-propylbenzene	11.305	91	1025462	52.972	ug/l	100
79) 2-Chlorotoluene	11.360	91	600069	52.497	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	702012	53.814	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	67508	51.337	ug/l	95
82) 4-Chlorotoluene	11.451	91	702830	53.282	ug/l	98
83) tert-Butylbenzene	11.713	119	721718	53.567	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	714919	54.220	ug/l	97
85) sec-Butylbenzene	11.890	105	897800	52.851	ug/l	100
86) p-Isopropyltoluene	12.006	119	735215	51.683	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	386126	51.629	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	388699	49.938	ug/l	100
89) n-Butylbenzene	12.329	91	690135	51.632	ug/l	100
90) Hexachloroethane	12.536	117	117040	46.411	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	377348	52.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	51131	66.221	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	255166	51.825	ug/l	99
94) Hexachlorobutadiene	13.725	225	87956	47.369	ug/l	99
95) Naphthalene	13.774	128	827778	63.802	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	250174	53.776	ug/l	97

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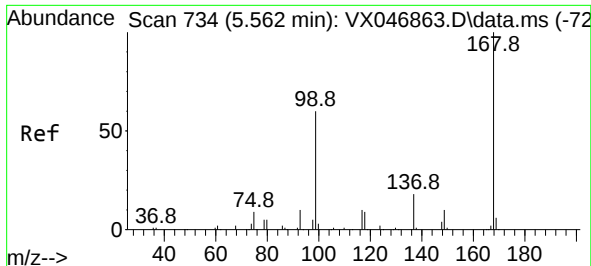
Manual Integrations
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Response via : Initial Calibration

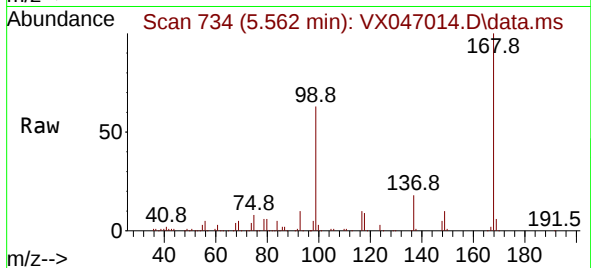
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
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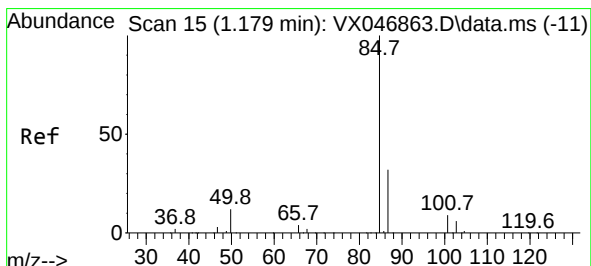
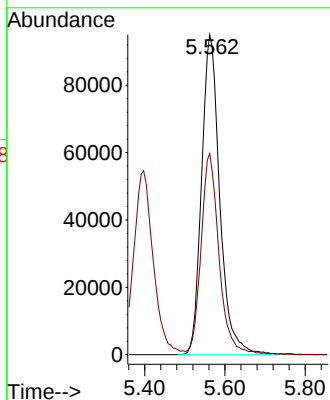
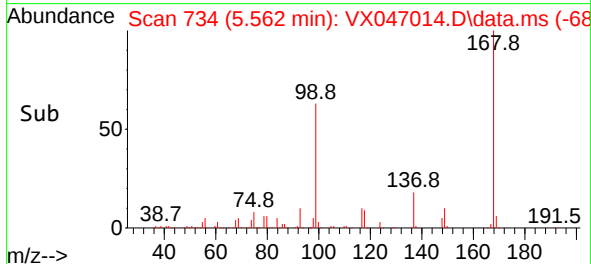
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 298780
Ion Ratio Lower Upper
168 100
99 62.6 48.8 73.2

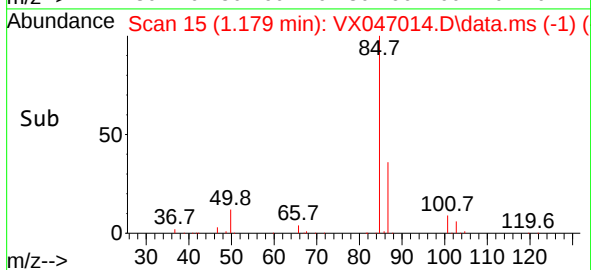
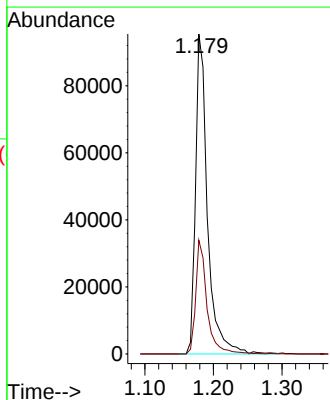
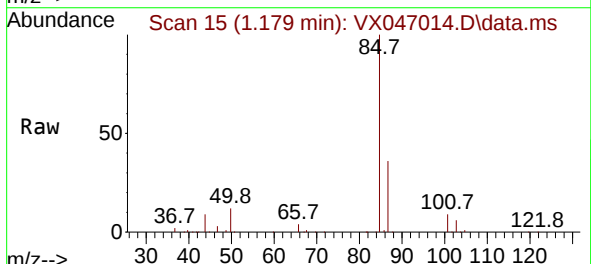
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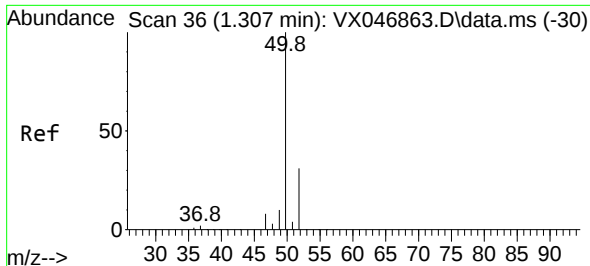
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#2
Dichlorodifluoromethane
Concen: 40.556 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

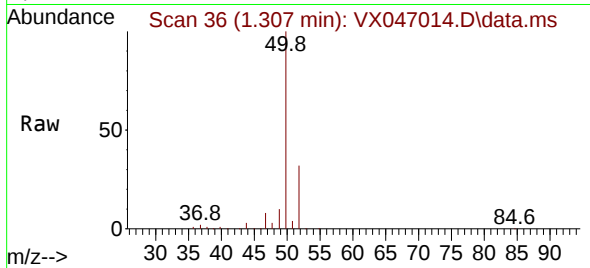
Tgt Ion: 85 Resp: 115888
Ion Ratio Lower Upper
85 100
87 35.6 16.0 47.9





#3
Chloromethane
Concen: 41.886 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

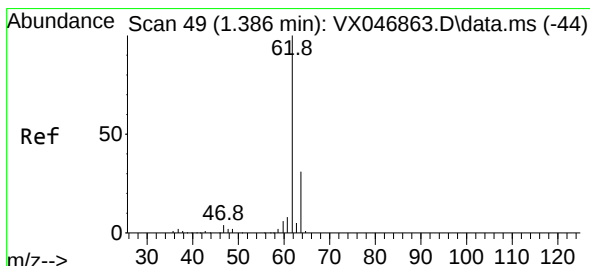
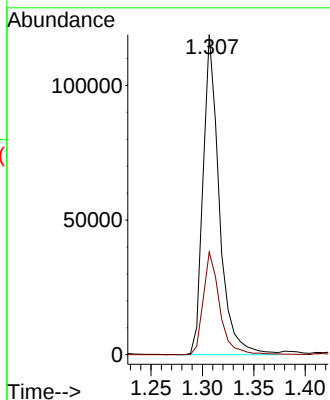
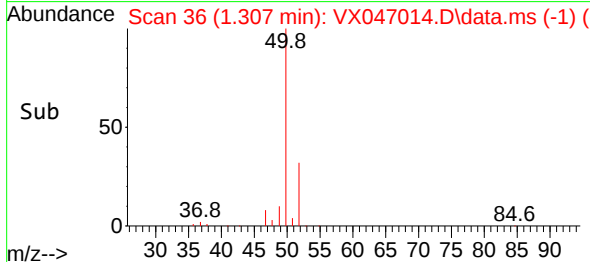
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 130760
Ion Ratio Lower Upper
50 100
52 32.1 25.0 37.4

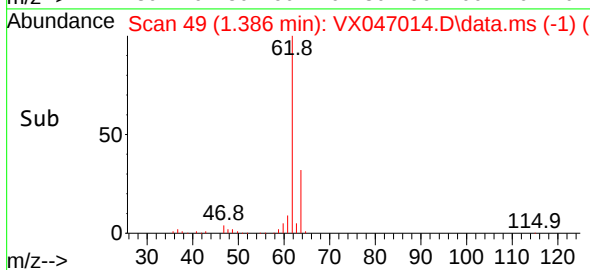
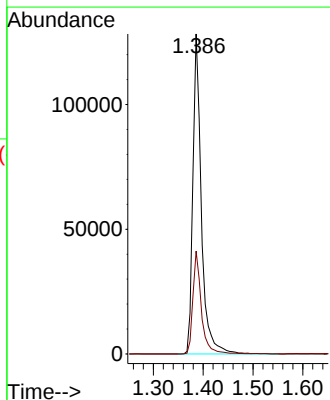
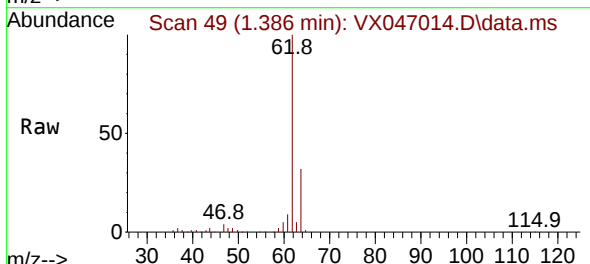
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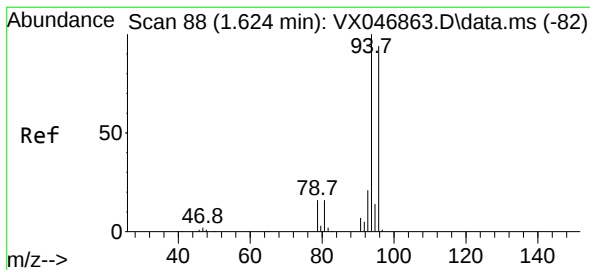
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#4
Vinyl Chloride
Concen: 44.746 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Tgt Ion: 62 Resp: 152125
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4





#5

Bromomethane

Concen: 43.475 ug/l

RT: 1.618 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 94969

Ion Ratio Lower Upper

94 100

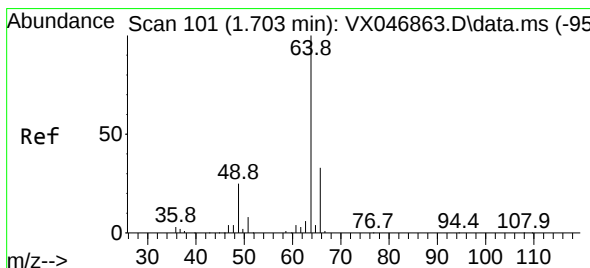
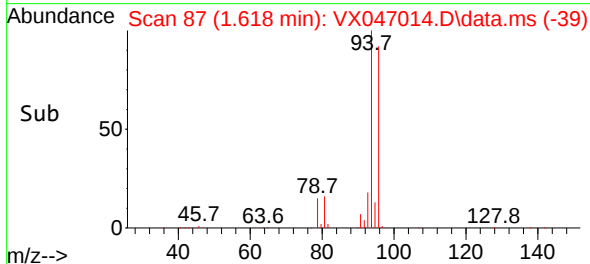
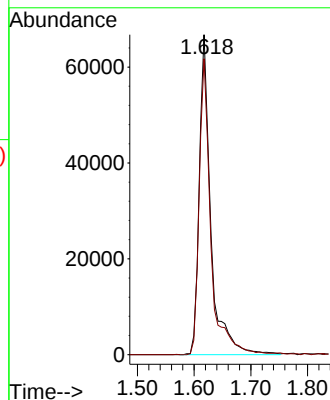
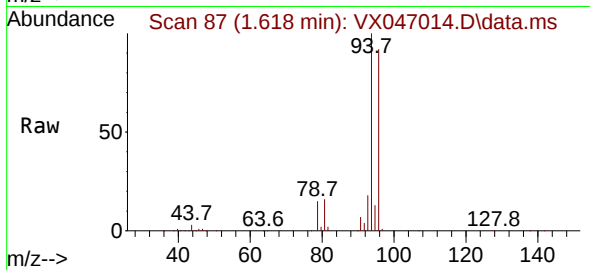
96 92.5 75.5 113.3

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#6

Chloroethane

Concen: 44.442 ug/l

RT: 1.697 min Scan# 100

Delta R.T. -0.006 min

Lab File: VX047014.D

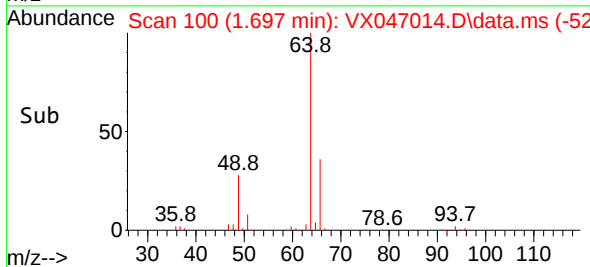
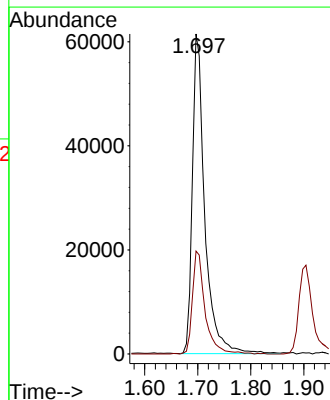
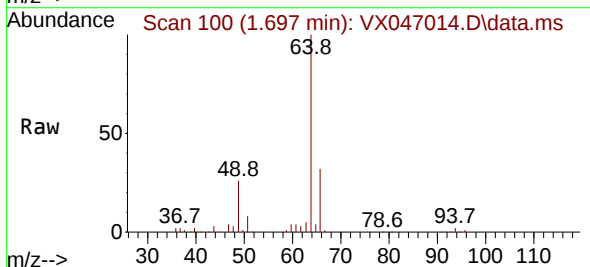
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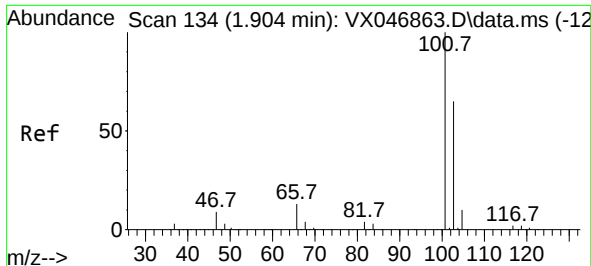
Tgt Ion: 64 Resp: 99770

Ion Ratio Lower Upper

64 100

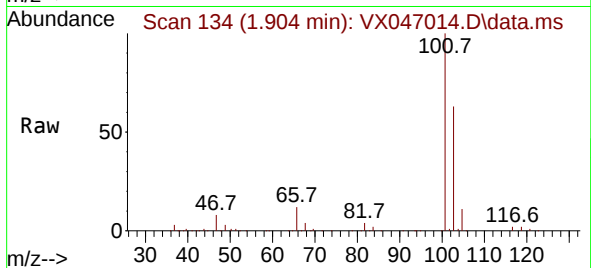
66 32.2 26.4 39.6





#7
Trichlorofluoromethane
Concen: 46.541 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047014.D
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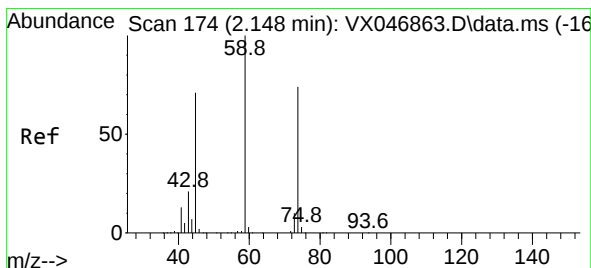
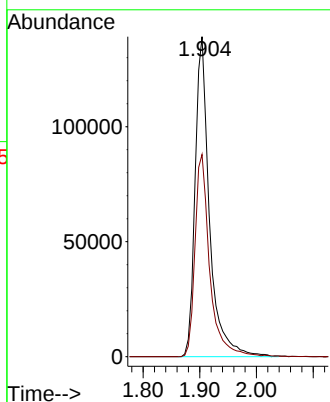
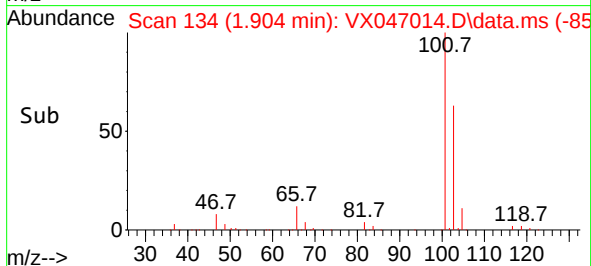
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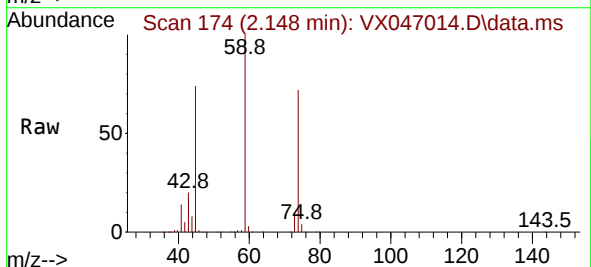
Tgt Ion:101 Resp: 244658
Ion Ratio Lower Upper
101 100
103 63.2 51.9 77.9

Manual Integrations
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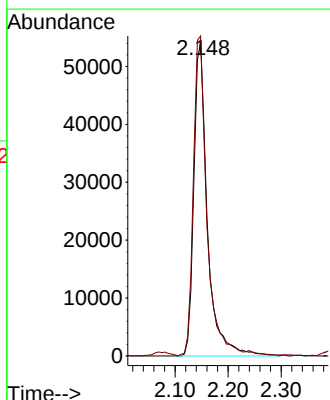
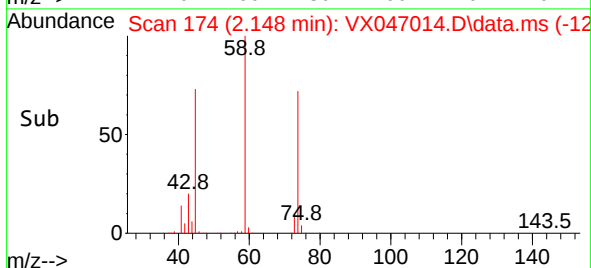
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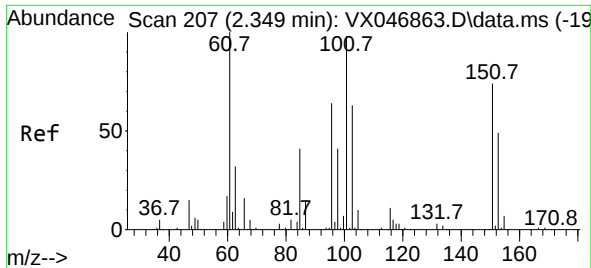


#8
Diethyl Ether
Concen: 51.357 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34



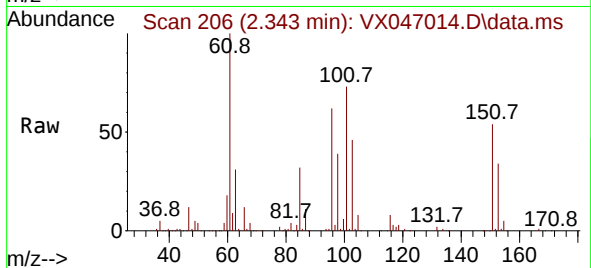
Tgt Ion: 74 Resp: 96075
Ion Ratio Lower Upper
74 100
45 102.2 50.7 152.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.595 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX047014.D
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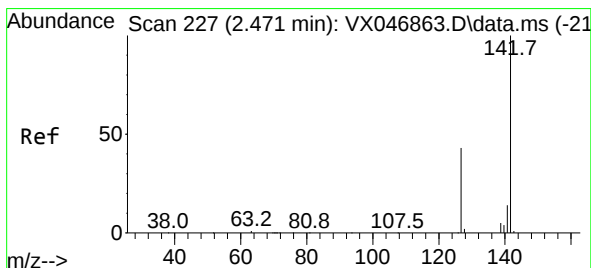
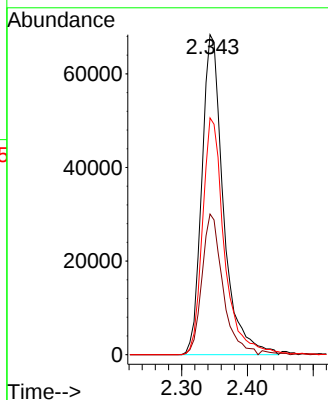
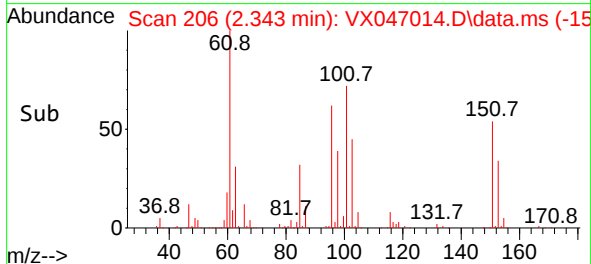
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



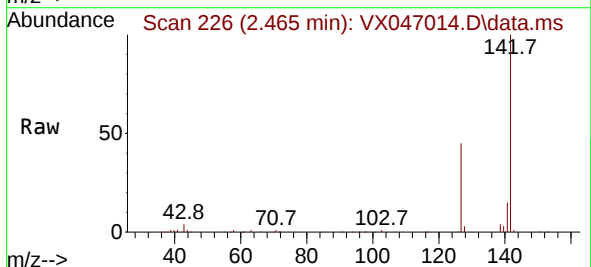
Tgt Ion:101 Resp: 156078
Ion Ratio Lower Upper
101 100
85 42.6 34.3 51.5
151 75.1 59.9 89.9

Manual Integrations
APPROVED

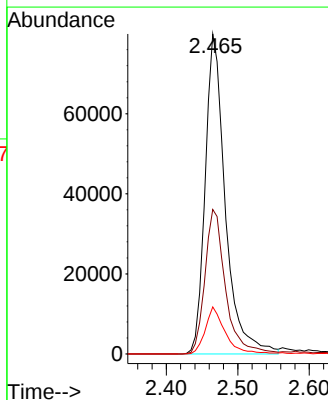
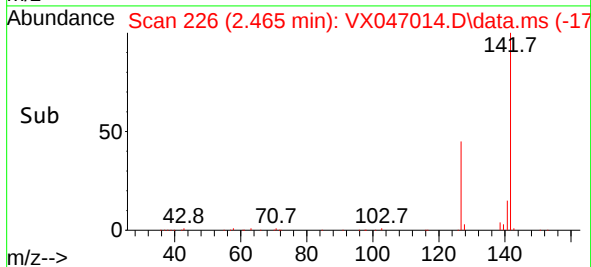
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

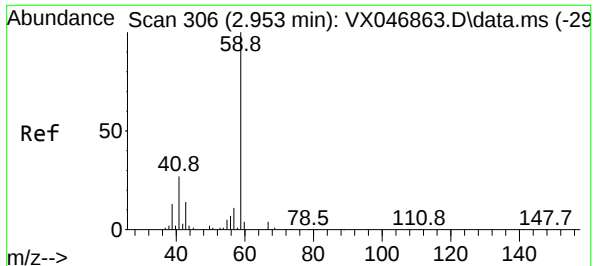


#10
Methyl Iodide
Concen: 42.884 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34



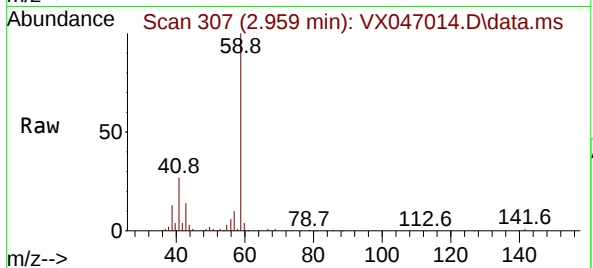
Tgt Ion:142 Resp: 156498
Ion Ratio Lower Upper
142 100
127 46.2 34.9 52.3
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 411.069 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

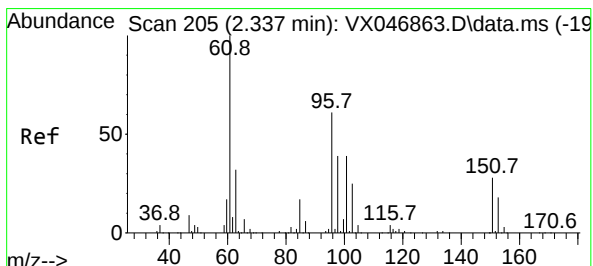
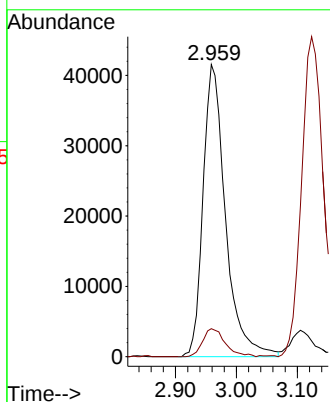
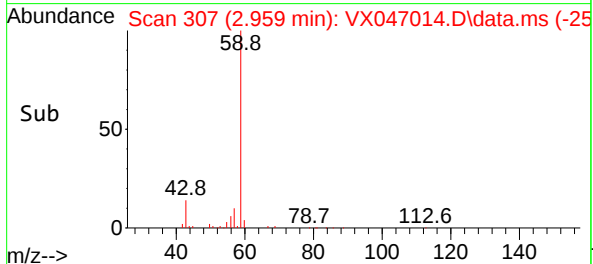
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



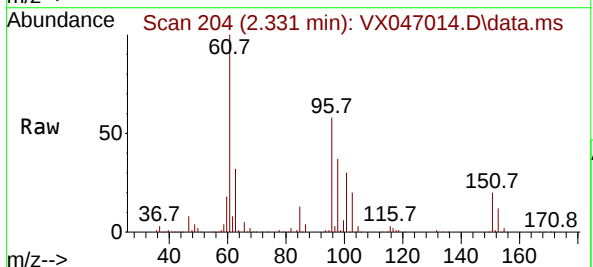
Tgt Ion: 59 Resp: 106418
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7

Manual Integrations
APPROVED

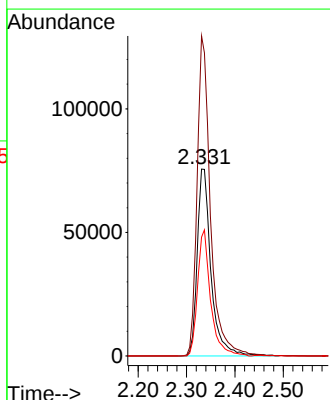
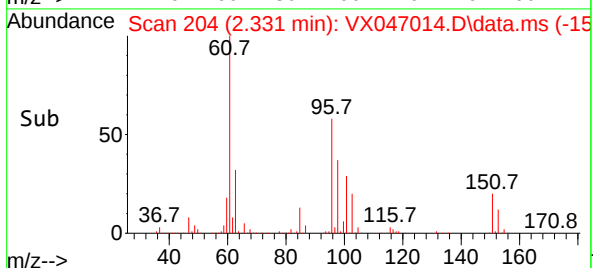
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

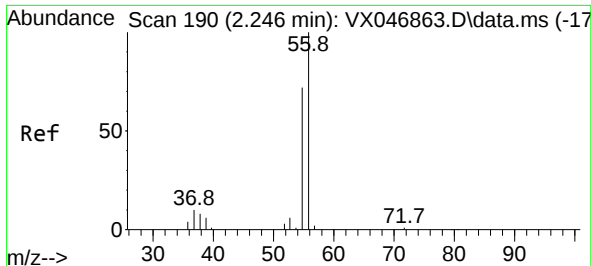


#12
1,1-Dichloroethene
Concen: 46.294 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34



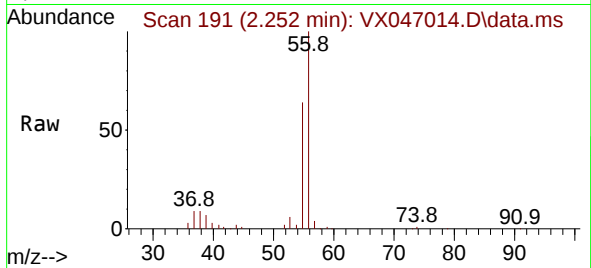
Tgt Ion: 96 Resp: 149988
Ion Ratio Lower Upper
96 100
61 171.3 130.2 195.4
98 63.7 51.3 76.9





#13
Acrolein
Concen: 274.873 ug/l
RT: 2.252 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

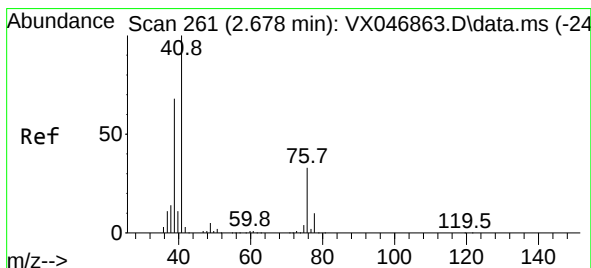
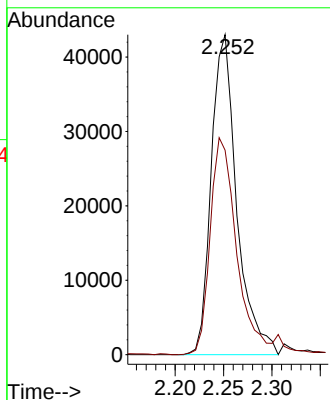
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 78714
Ion Ratio Lower Upper
56 100
55 70.4 55.5 83.3

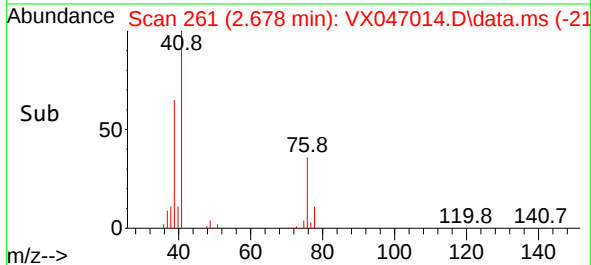
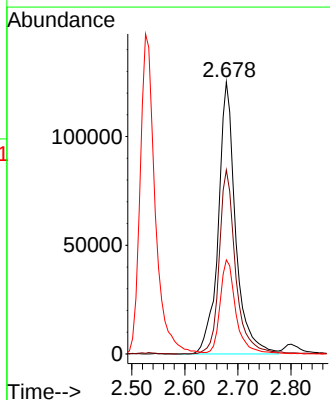
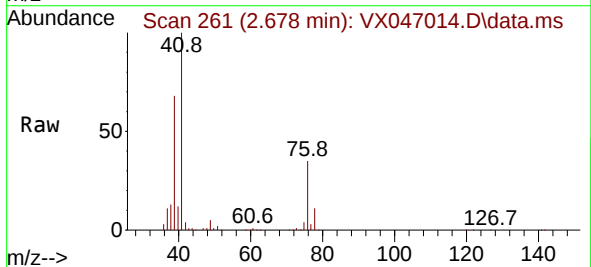
Manual Integrations
APPROVED

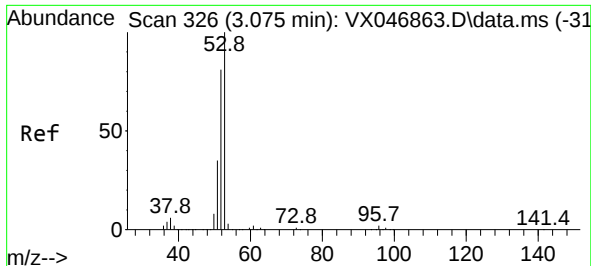
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#14
Allyl chloride
Concen: 49.212 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

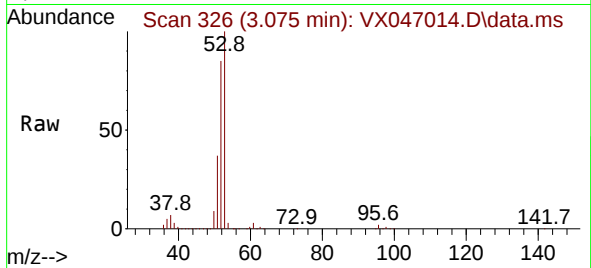
Tgt Ion: 41 Resp: 283869
Ion Ratio Lower Upper
41 100
39 64.5 52.0 78.0
76 31.8 26.2 39.2





#15
Acrylonitrile
Concen: 310.575 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

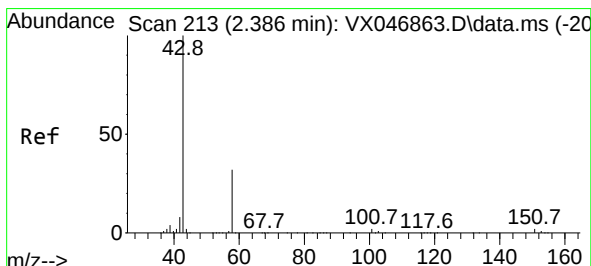
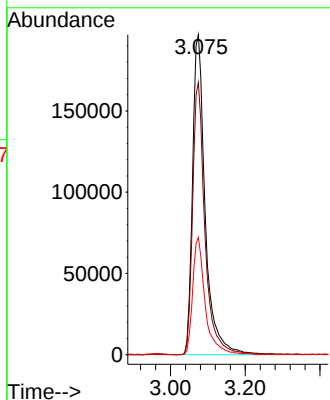
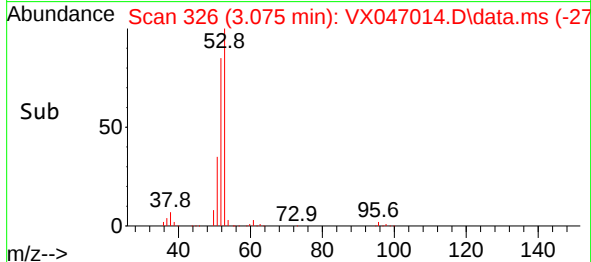
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



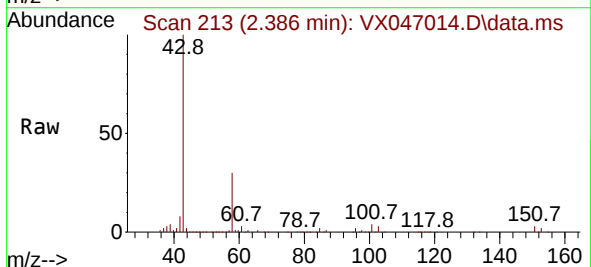
Tgt Ion: 53 Resp: 46485
Ion Ratio Lower Upper
53 100
52 82.2 66.0 99.0
51 36.2 28.6 43.0

Manual Integrations
APPROVED

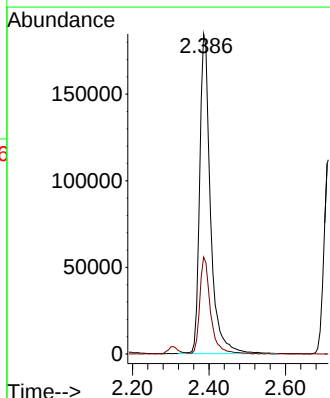
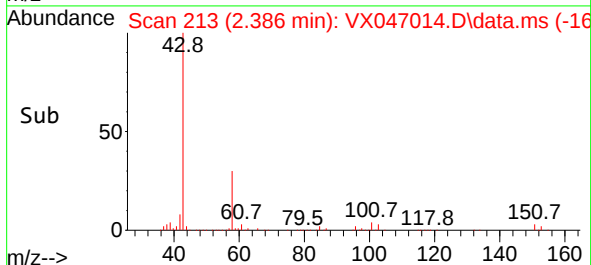
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

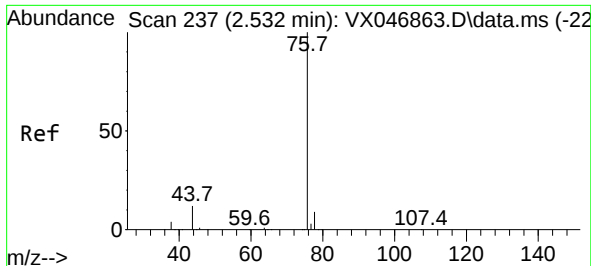


#16
Acetone
Concen: 293.574 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34



Tgt Ion: 43 Resp: 359951
Ion Ratio Lower Upper
43 100
58 30.3 25.8 38.6





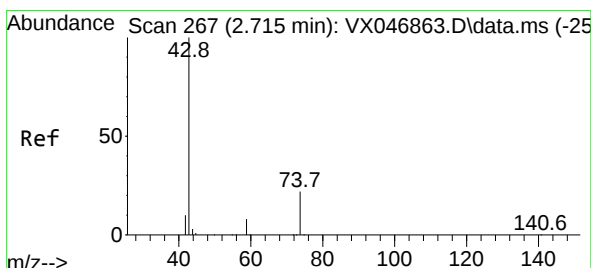
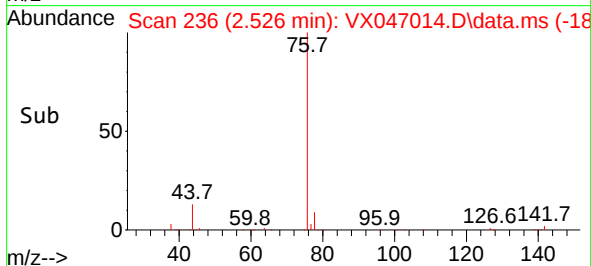
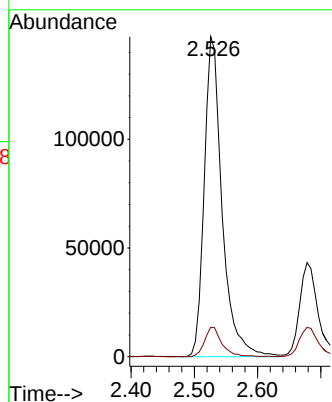
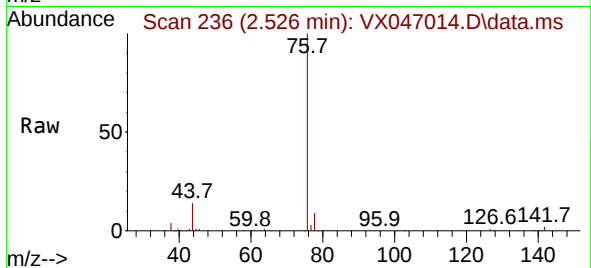
#17
Carbon Disulfide
Concen: 34.056 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 289360
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

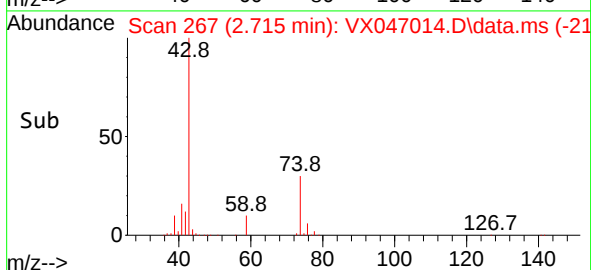
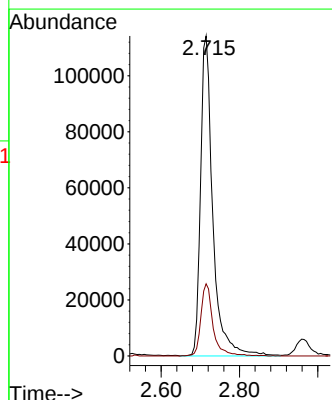
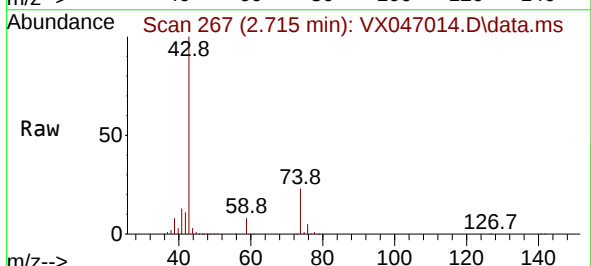
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#18
Methyl Acetate
Concen: 77.128 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

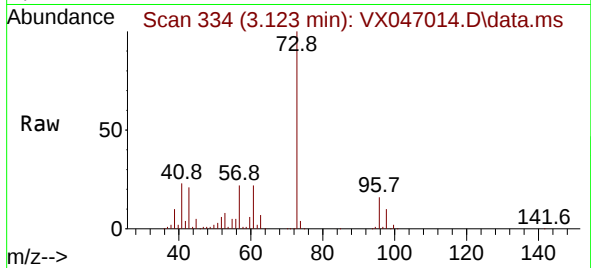
Tgt Ion: 43 Resp: 249253
Ion Ratio Lower Upper
43 100
74 22.3 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 60.839 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

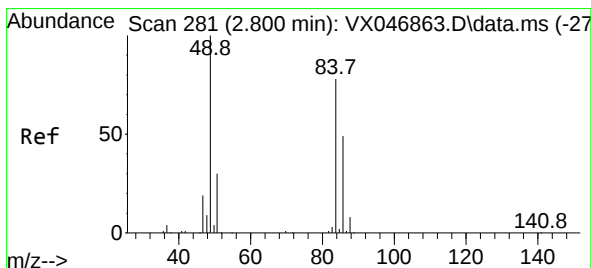
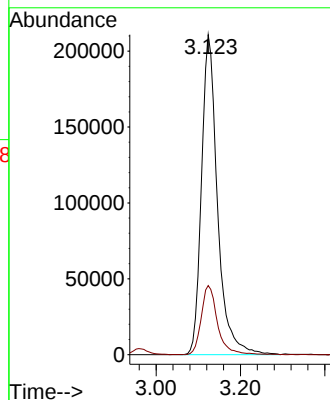
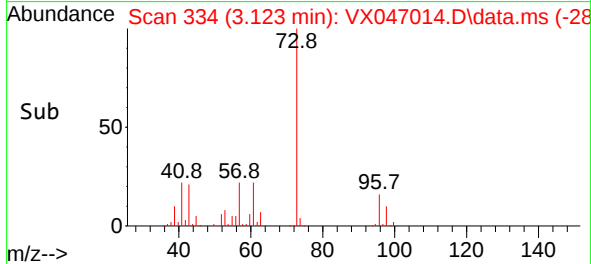
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



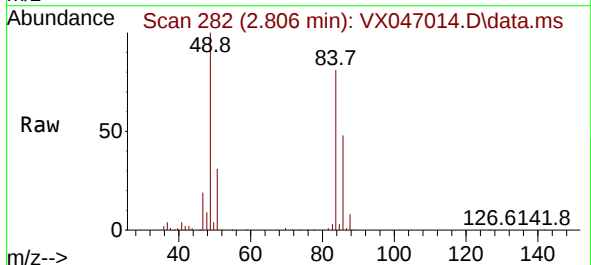
Tgt Ion: 73 Resp: 55663
Ion Ratio Lower Upper
73 100
57 21.5 18.6 28.0

Manual Integrations
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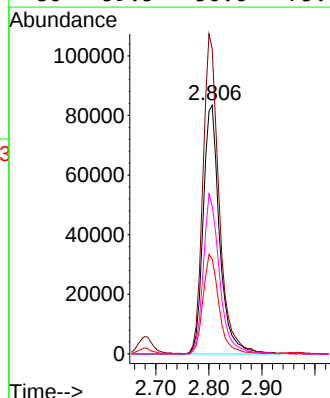
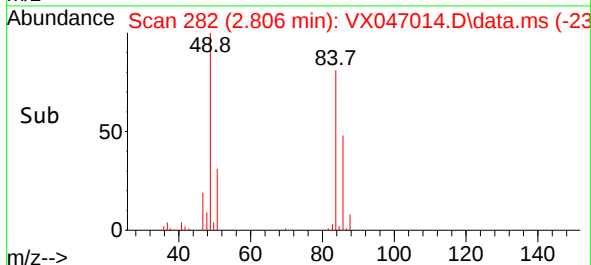
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

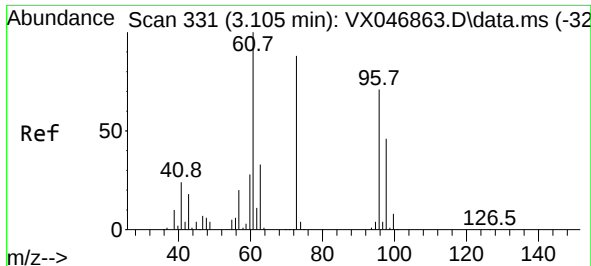


#20
Methylene Chloride
Concen: 49.371 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34



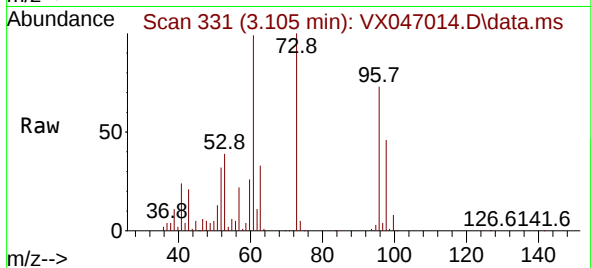
Tgt Ion: 84 Resp: 179000
Ion Ratio Lower Upper
84 100
49 122.5 102.8 154.2
51 38.2 31.1 46.7
86 59.5 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 47.824 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

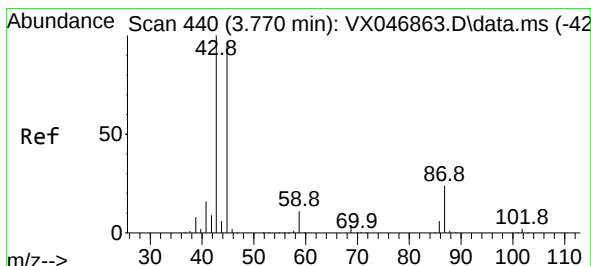
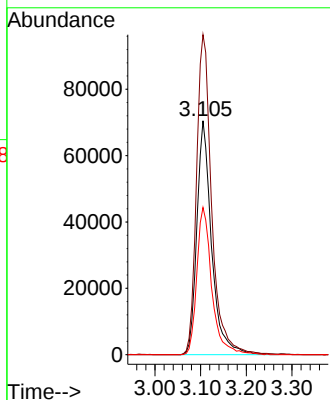
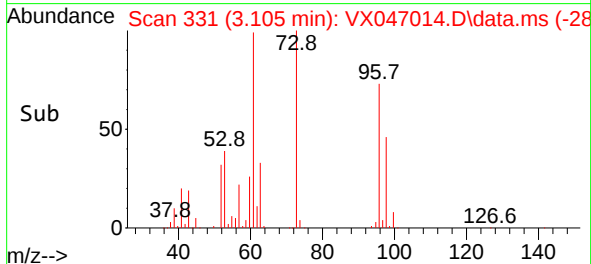
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 158550
Ion Ratio Lower Upper
96 100
61 136.8 113.4 170.2
98 64.9 51.8 77.6

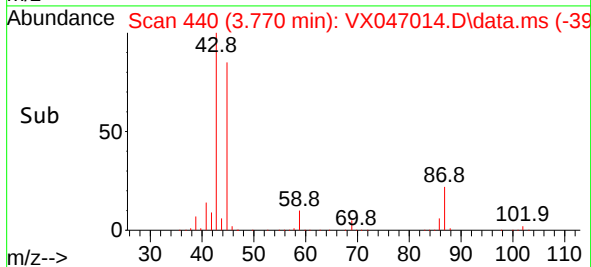
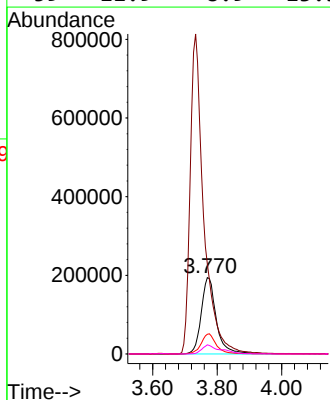
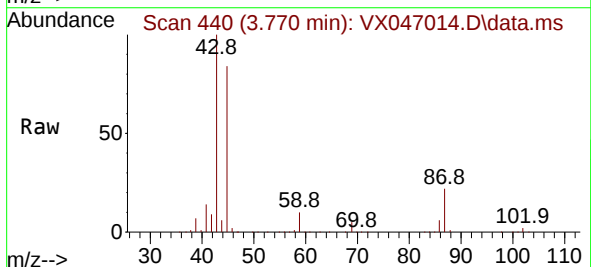
Manual Integrations
APPROVED

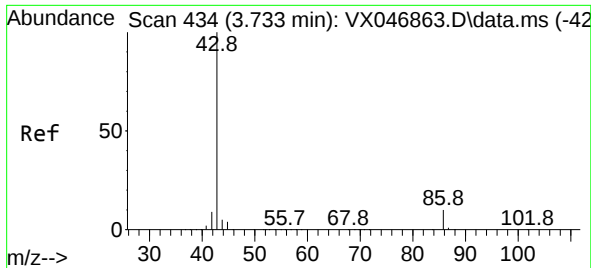
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#22
Diisopropyl ether
Concen: 56.444 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Tgt Ion: 45 Resp: 629011
Ion Ratio Lower Upper
45 100
43 118.1 84.2 126.4
87 25.7 20.3 30.5
59 11.9 8.9 13.3





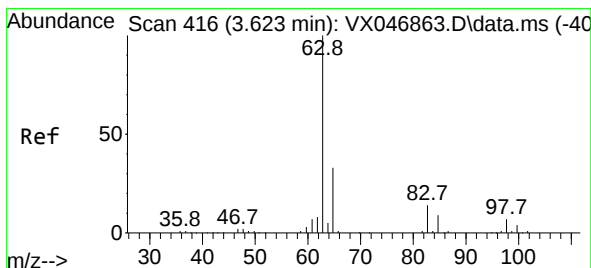
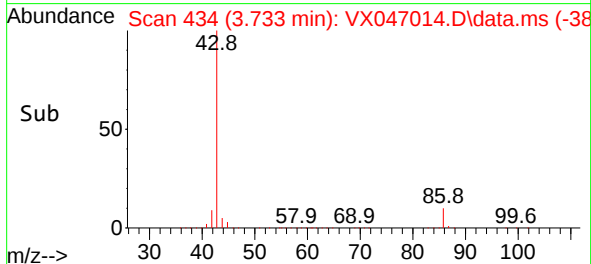
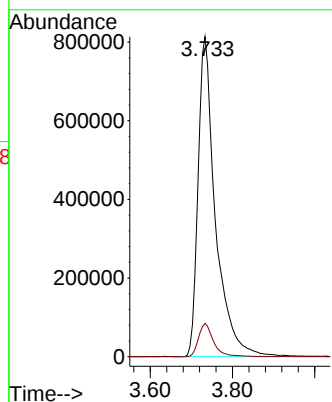
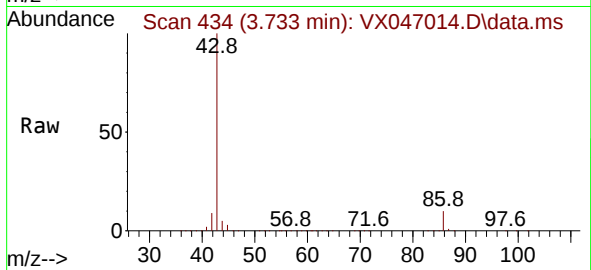
#23
 Vinyl Acetate
 Concen: 285.427 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047014.D
 Acq: 15 Jul 2025 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2383004
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.4

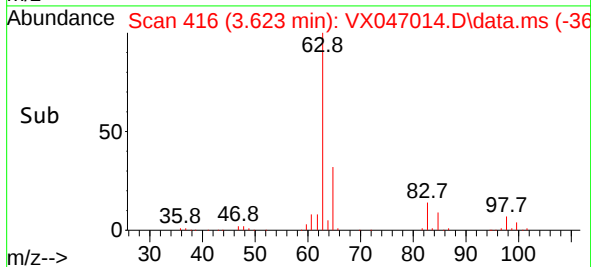
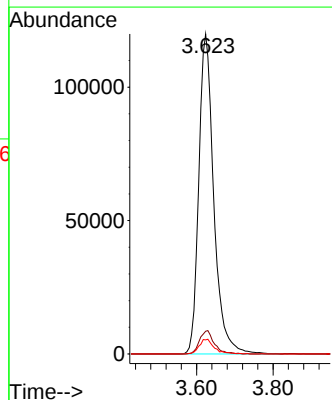
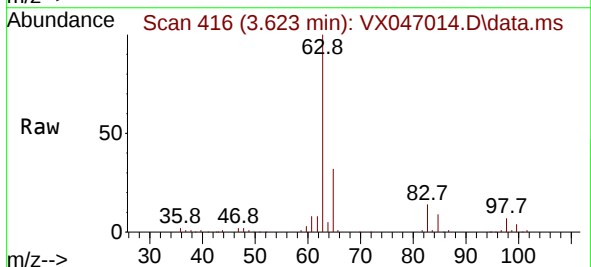
Manual Integrations
 APPROVED

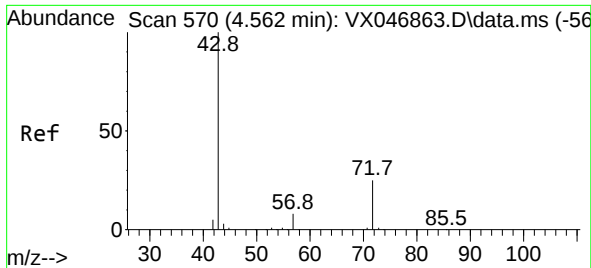
Reviewed By :John Carlone 07/16/2025
 Supervised By :Mahesh Dadoda 07/16/2025



#24
 1,1-Dichloroethane
 Concen: 51.265 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX047014.D
 Acq: 15 Jul 2025 19:34

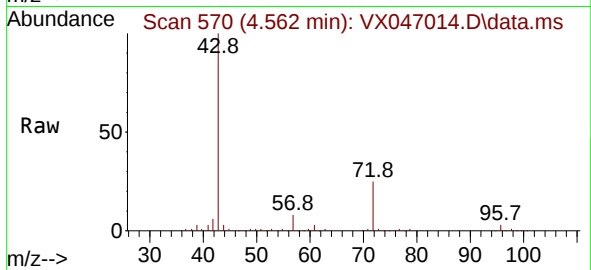
Tgt Ion: 63 Resp: 325821
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.4 2.3 6.9





#25
2-Butanone
Concen: 352.924 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

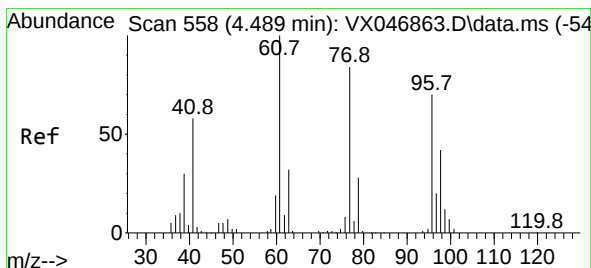
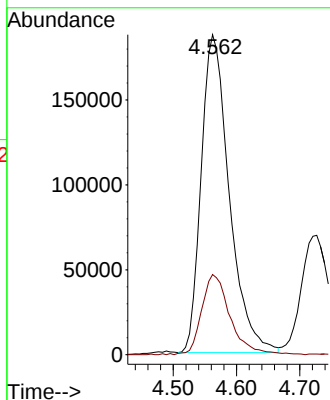
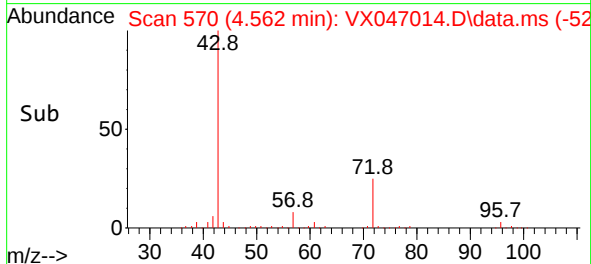
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 577328
Ion Ratio Lower Upper
43 100
72 24.8 20.0 30.0

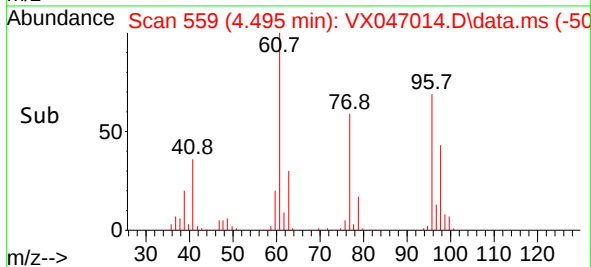
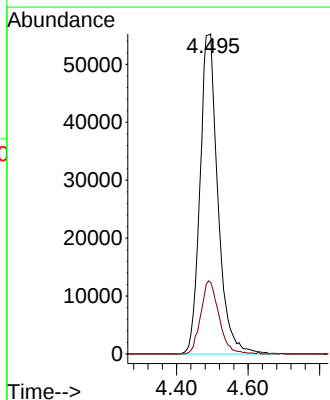
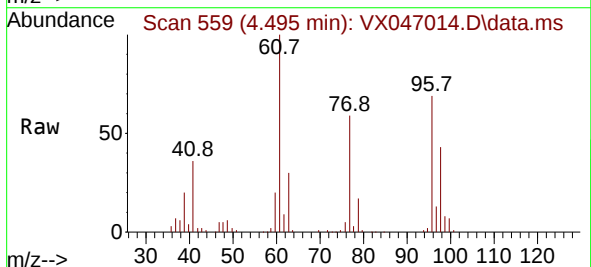
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#26
2,2-Dichloropropane
Concen: 40.503 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Tgt Ion: 77 Resp: 191579
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 51.191 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 207209

Ion Ratio Lower Upper

96 100

61 144.1 0.0 288.6

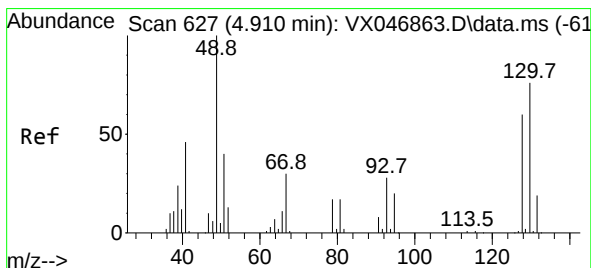
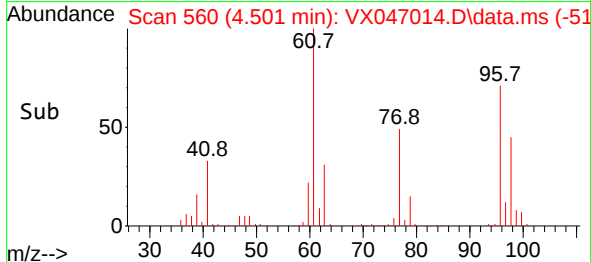
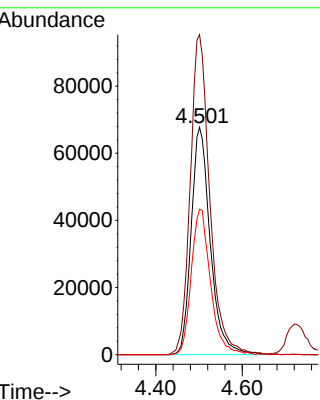
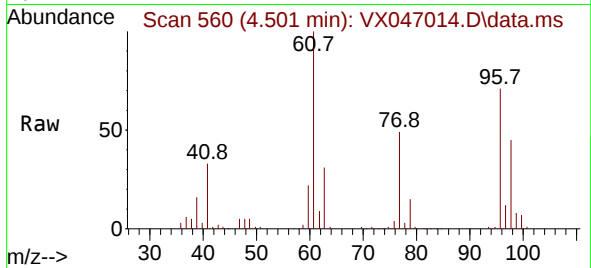
98 64.4 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#28

Bromochloromethane

Concen: 52.990 ug/l

RT: 4.910 min Scan# 627

Delta R.T. -0.000 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

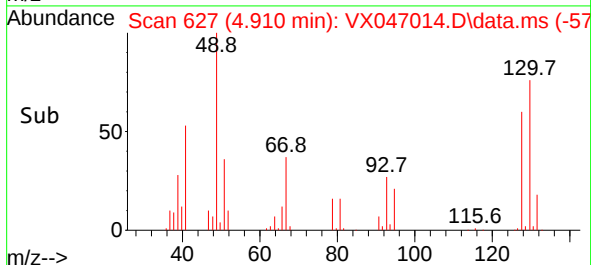
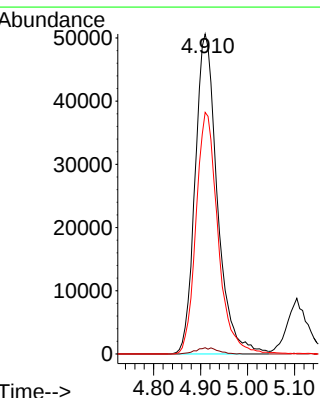
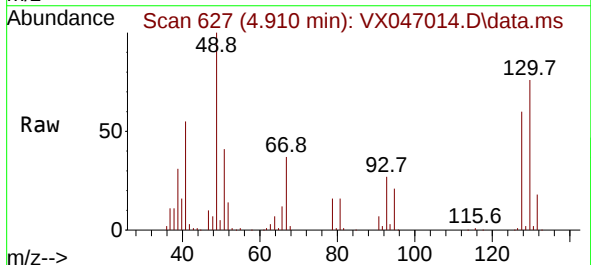
Tgt Ion: 49 Resp: 166213

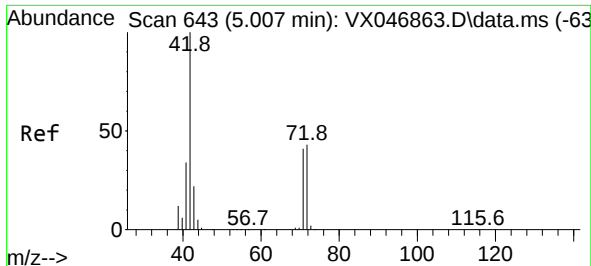
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 74.6 61.7 92.5





#29

Tetrahydrofuran

Concen: 354.250 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 369408

Ion Ratio Lower Upper

42 100

72 43.4 35.1 52.7

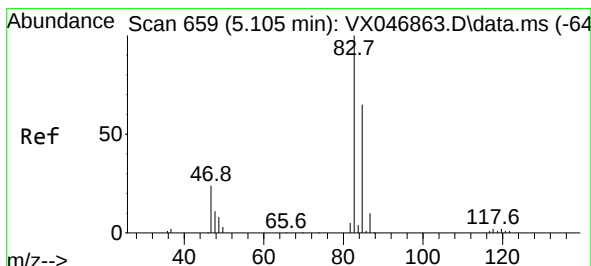
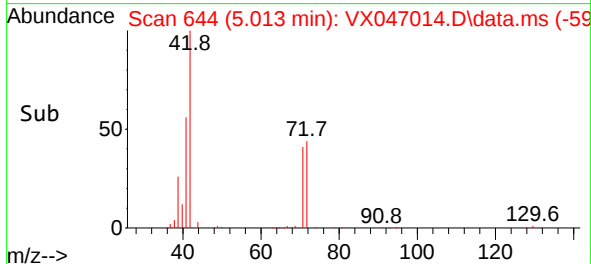
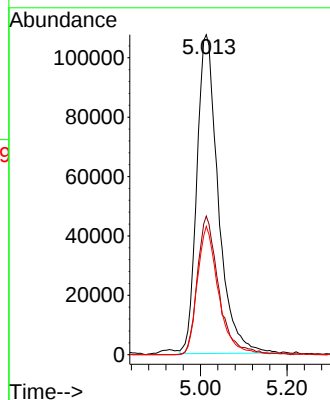
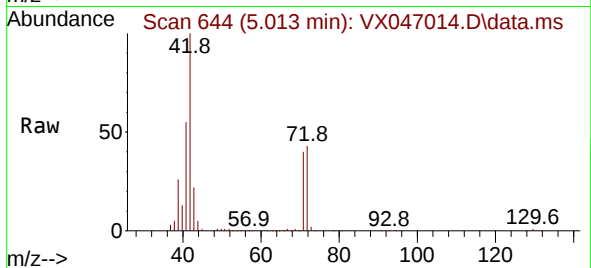
71 39.6 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#30

Chloroform

Concen: 52.785 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX047014.D

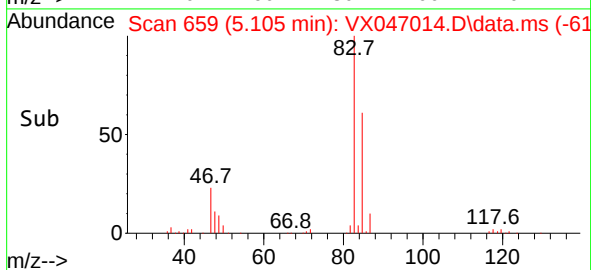
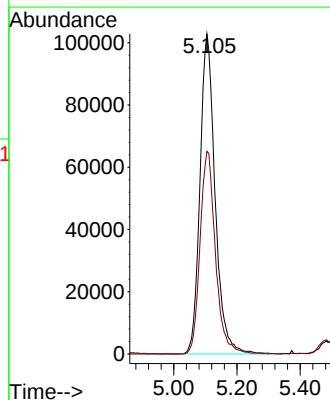
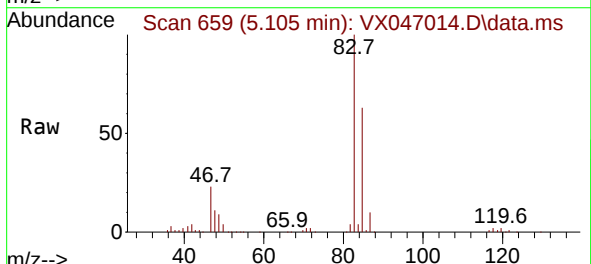
Acq: 15 Jul 2025 19:34

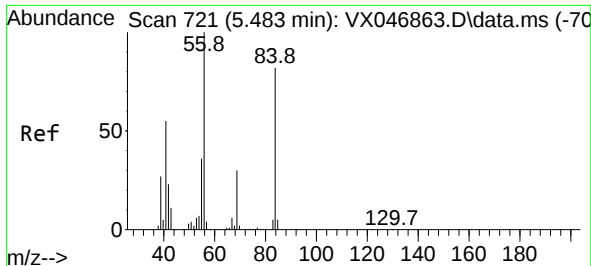
Tgt Ion: 83 Resp: 342735

Ion Ratio Lower Upper

83 100

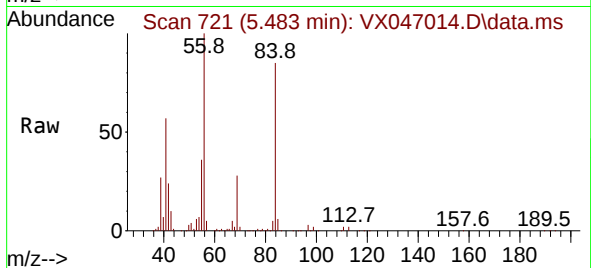
85 63.3 51.8 77.8





#31
Cyclohexane
Concen: 47.988 ug/l
RT: 5.483 min Scan# 714
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

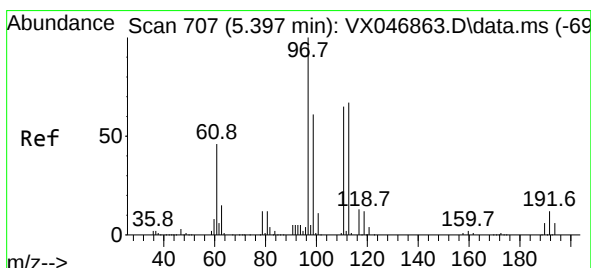
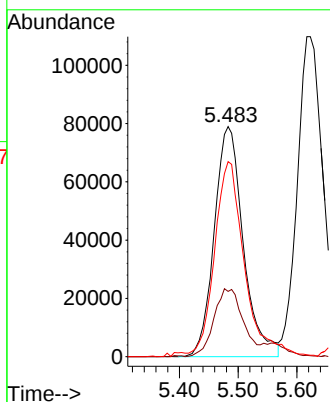
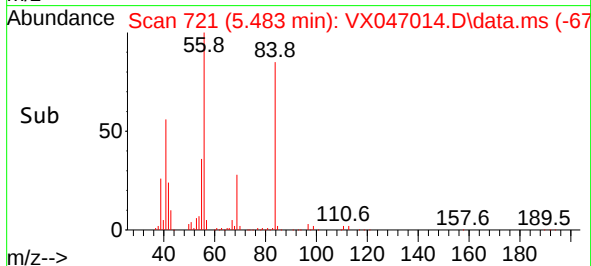
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



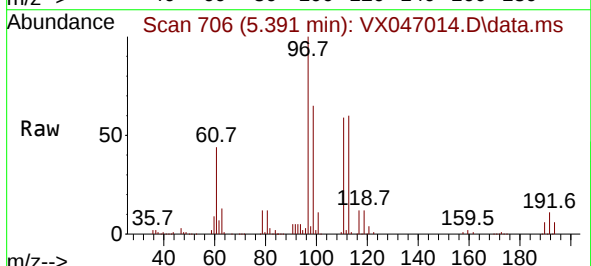
Tgt Ion: 56 Resp: 270760
Ion Ratio Lower Upper
56 100
69 28.0 24.0 36.0
84 83.1 66.5 99.7

Manual Integrations
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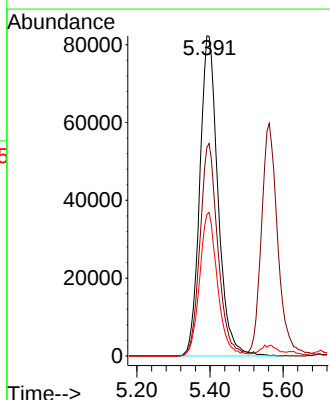
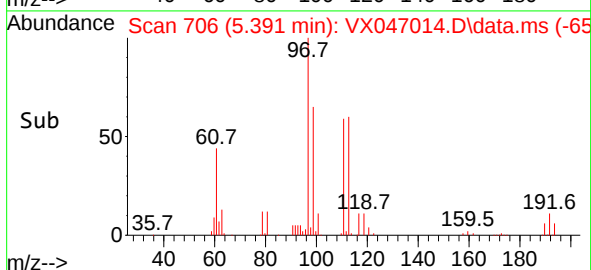
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

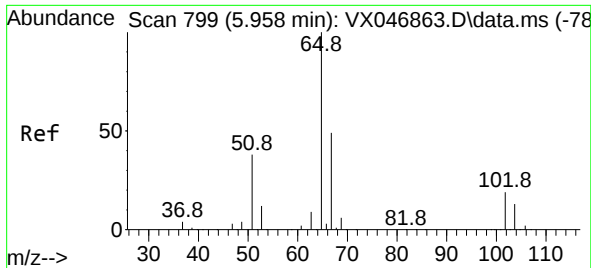


#32
1,1,1-Trichloroethane
Concen: 52.401 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34



Tgt Ion: 97 Resp: 284261
Ion Ratio Lower Upper
97 100
99 65.3 50.6 76.0
61 44.1 36.3 54.5





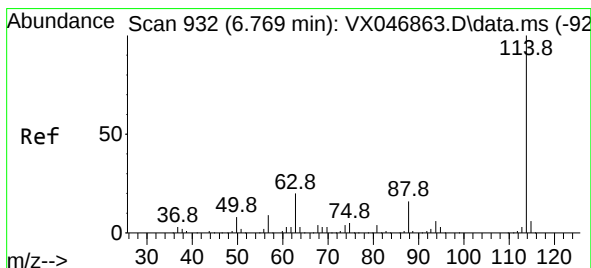
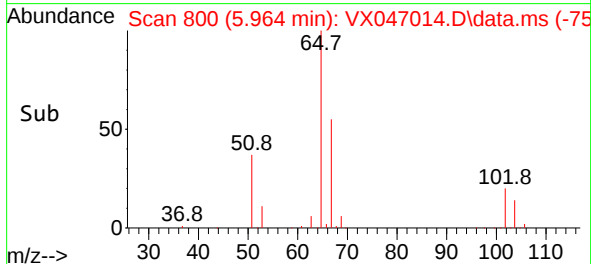
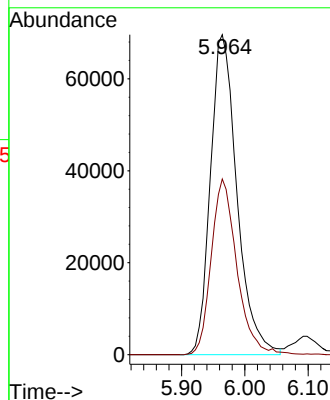
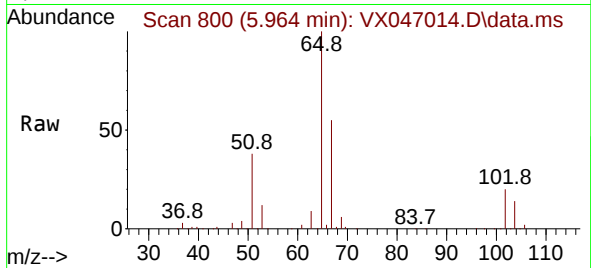
#33
1,2-Dichloroethane-d4
Concen: 51.367 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 20275
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.2

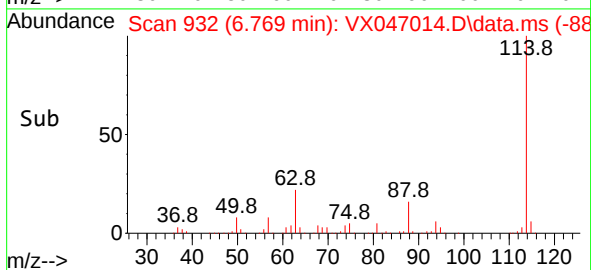
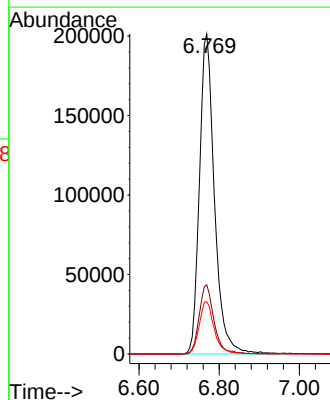
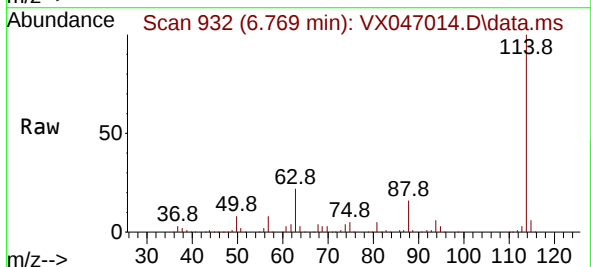
Manual Integrations
APPROVED

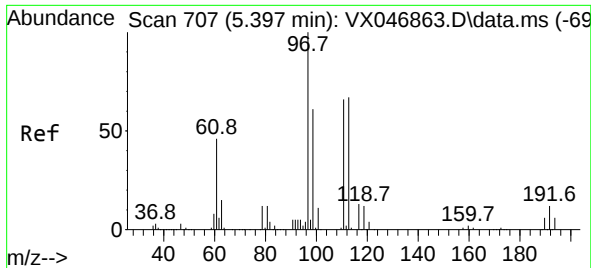
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

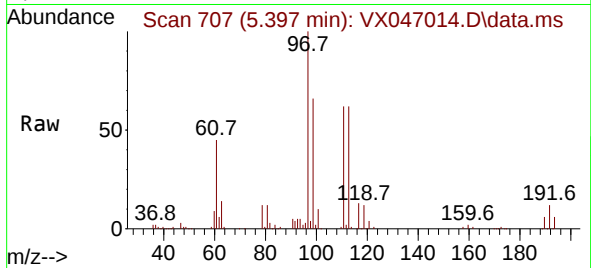
Tgt Ion:114 Resp: 522407
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.4
88 16.3 0.0 31.0





#35
Dibromofluoromethane
Concen: 46.032 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

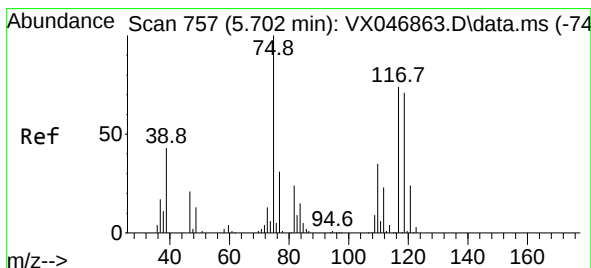
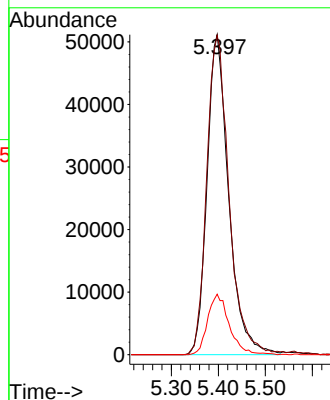
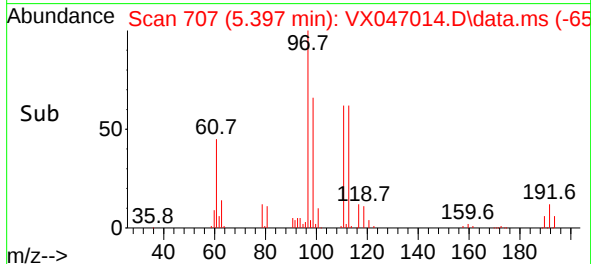
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 163230
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 19.0 15.3 22.9

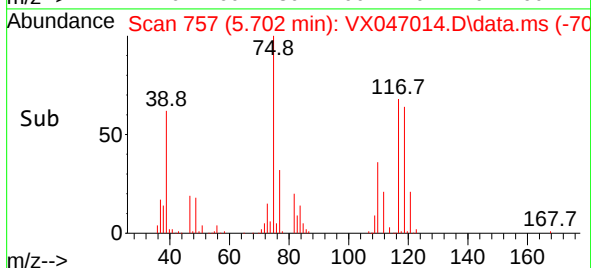
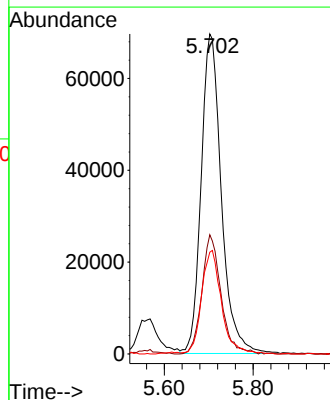
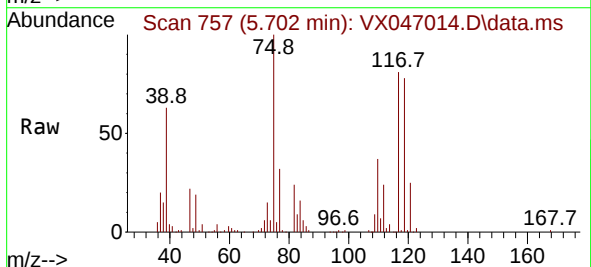
Manual Integrations
APPROVED

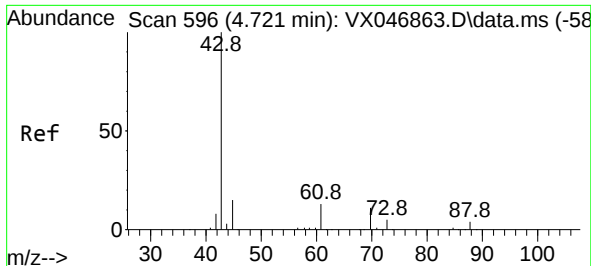
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#36
1,1-Dichloropropene
Concen: 46.153 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Tgt Ion: 75 Resp: 220819
Ion Ratio Lower Upper
75 100
110 35.1 17.3 51.9
77 31.9 24.2 36.4





#37

Ethyl Acetate

Concen: 58.863 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 23986

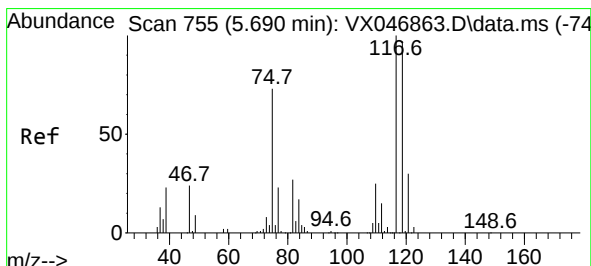
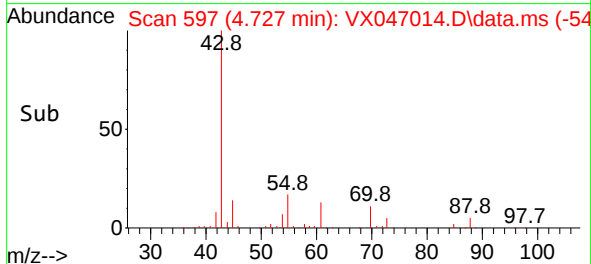
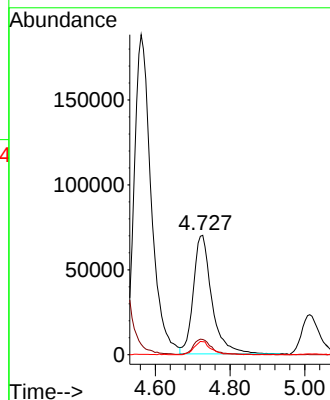
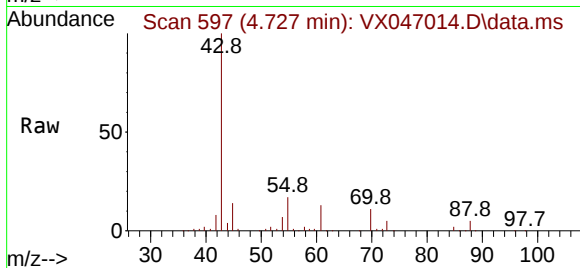
Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.7	14.5
70	9.8	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#38

Carbon Tetrachloride

Concen: 46.050 ug/l

RT: 5.690 min Scan# 755

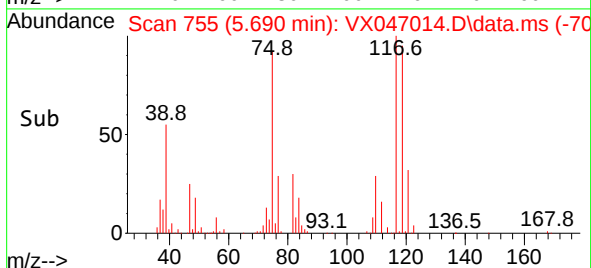
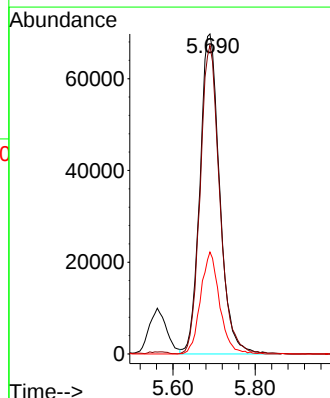
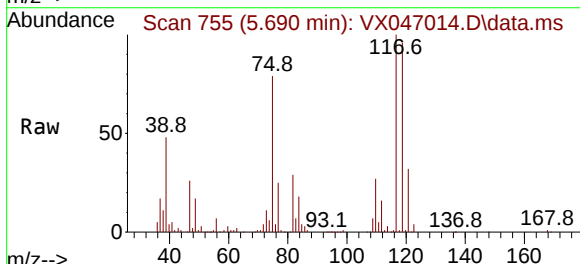
Delta R.T. -0.000 min

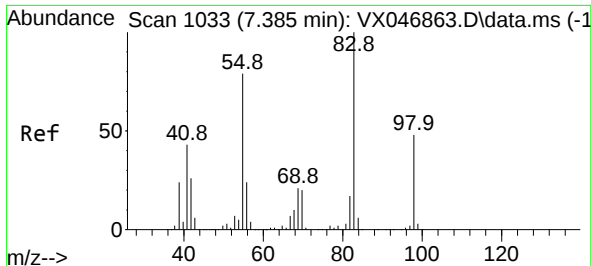
Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

Tgt Ion:117 Resp: 232934

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	114.8
121	31.9	24.1	36.1





#39

Methylcyclohexane

Concen: 45.812 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 27418

Ion Ratio Lower Upper

83 100

55 81.1 63.0 94.4

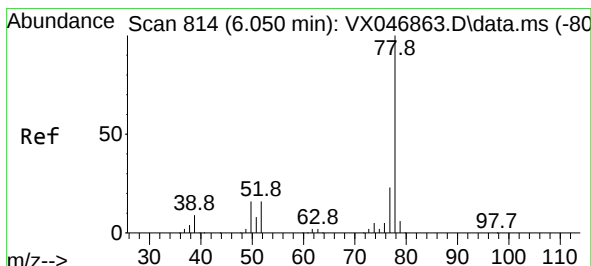
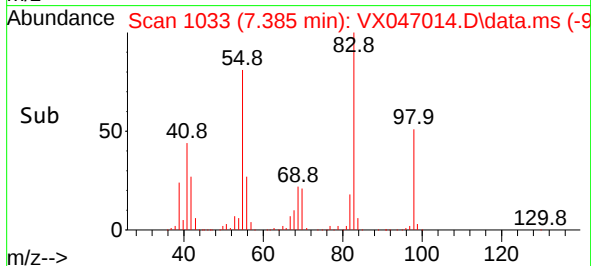
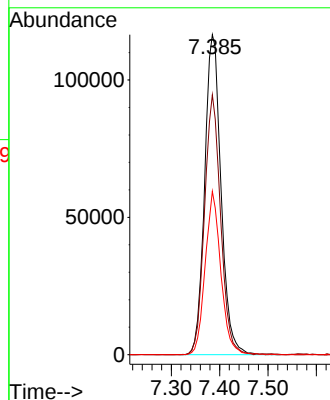
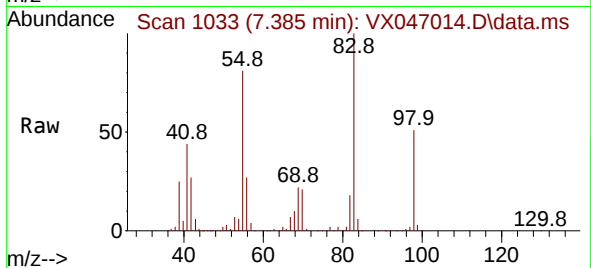
98 51.1 38.5 57.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#40

Benzene

Concen: 48.012 ug/l

RT: 6.050 min Scan# 814

Delta R.T. -0.000 min

Lab File: VX047014.D

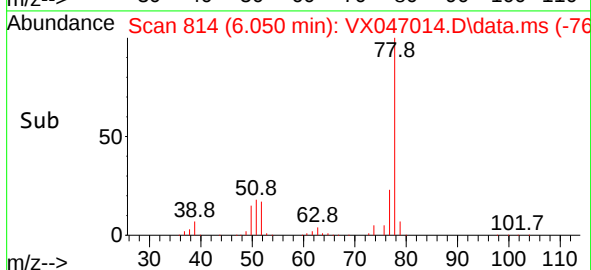
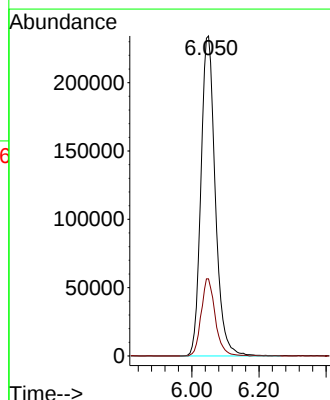
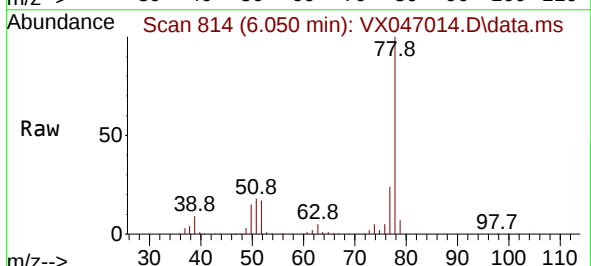
Acq: 15 Jul 2025 19:34

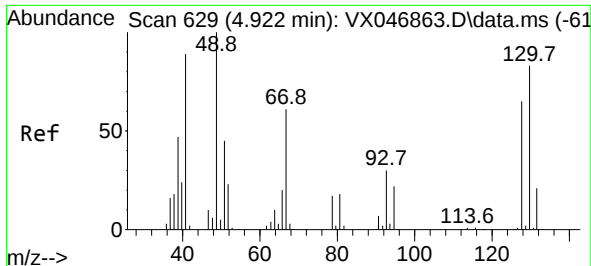
Tgt Ion: 78 Resp: 694808

Ion Ratio Lower Upper

78 100

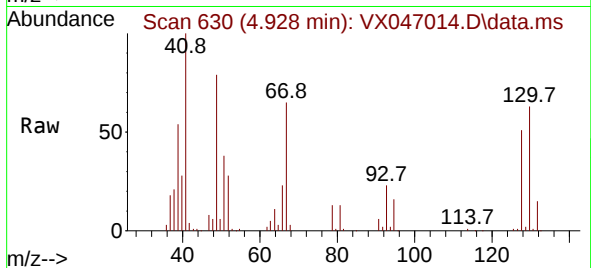
77 24.1 18.7 28.1





#41
Methacrylonitrile
Concen: 64.798 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

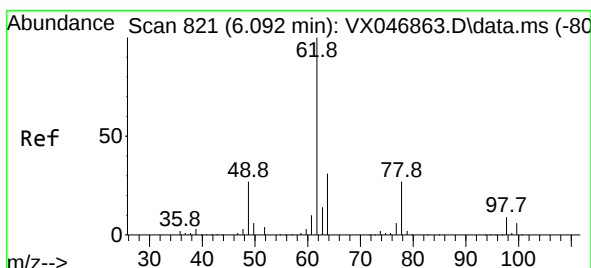
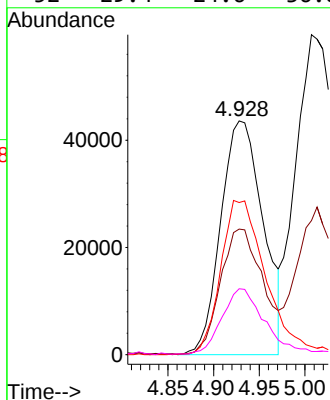
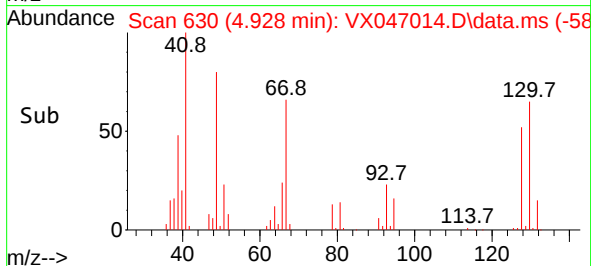
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 14085
Ion Ratio Lower Upper
41 100
39 53.8 43.0 64.4
67 71.3 60.2 90.2
52 29.4 24.6 36.8

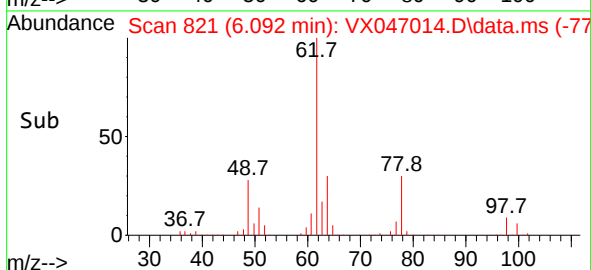
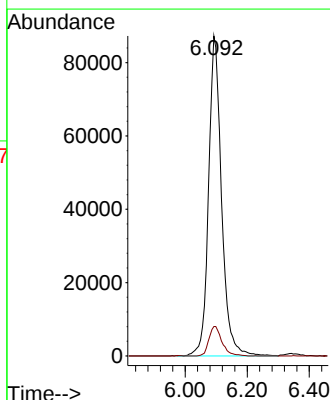
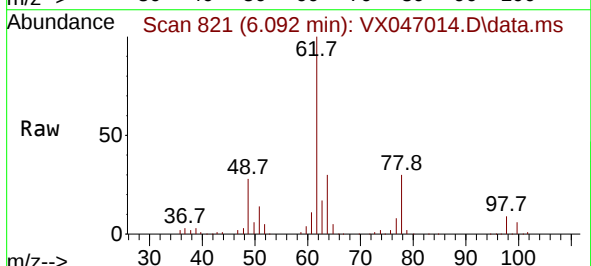
Manual Integrations
APPROVED

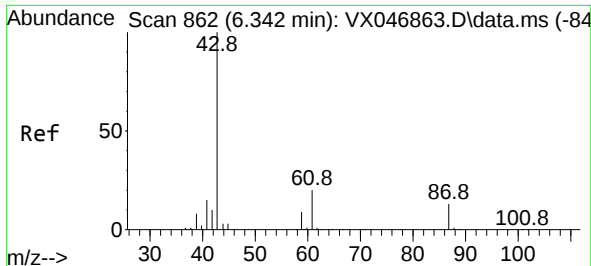
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#42
1,2-Dichloroethane
Concen: 51.584 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

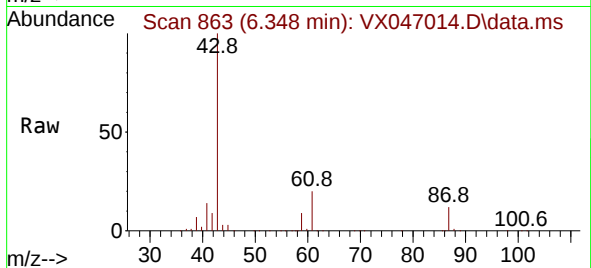
Tgt Ion: 62 Resp: 253486
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 65.331 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

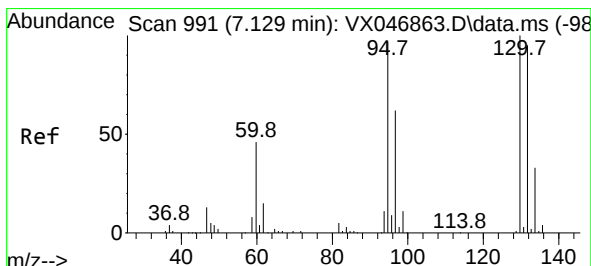
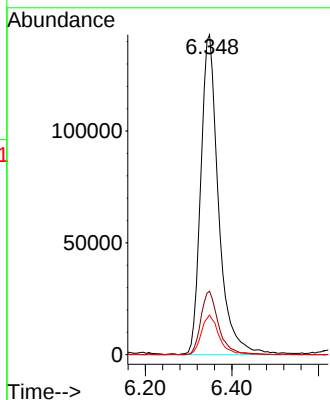
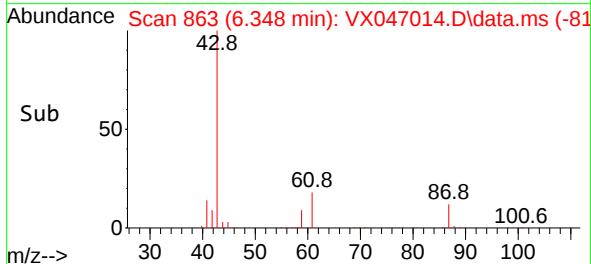
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 40777
Ion Ratio Lower Upper
43 100
61 19.8 15.7 23.5
87 12.3 10.1 15.1

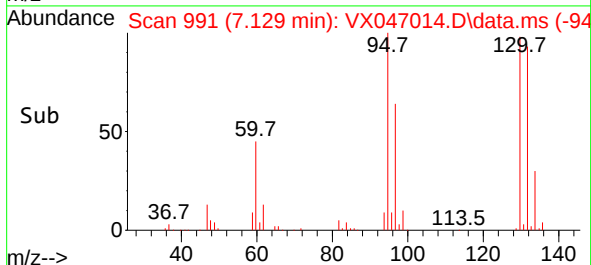
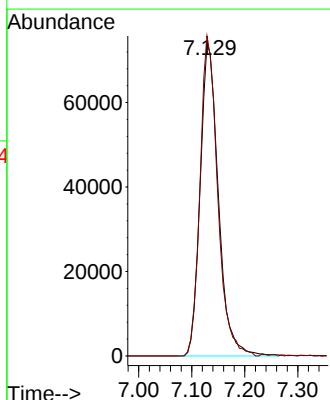
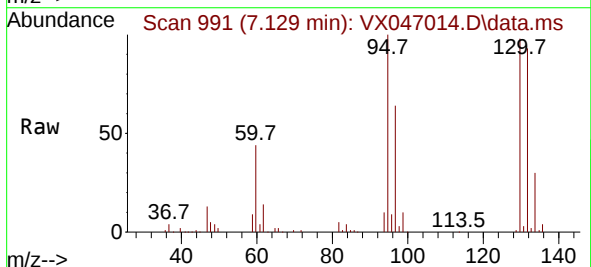
Manual Integrations
APPROVED

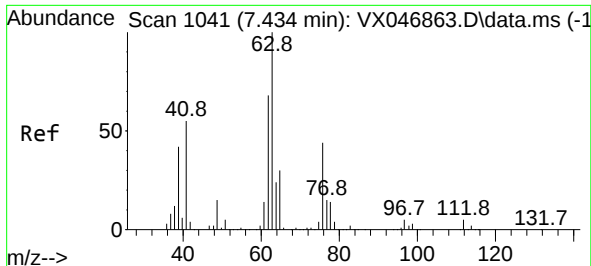
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#44
Trichloroethene
Concen: 46.844 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Tgt Ion:130 Resp: 176463
Ion Ratio Lower Upper
130 100
95 102.4 0.0 194.2





#45

1,2-Dichloropropane

Concen: 50.841 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 18588

Ion Ratio Lower Upper

63 100

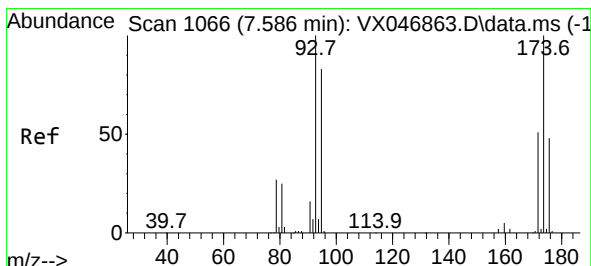
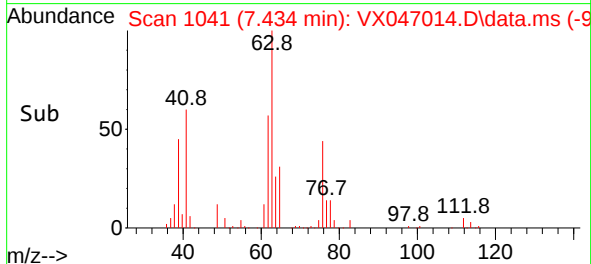
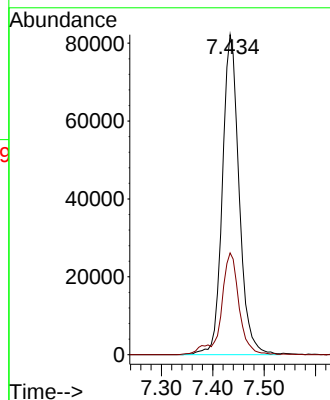
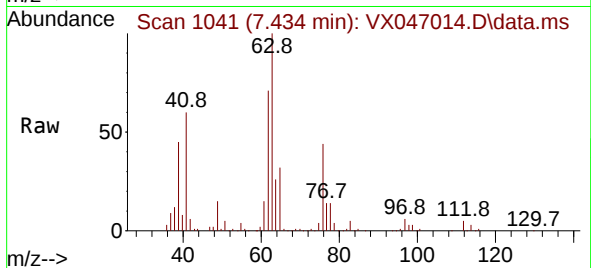
65 31.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#46

Dibromomethane

Concen: 51.124 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

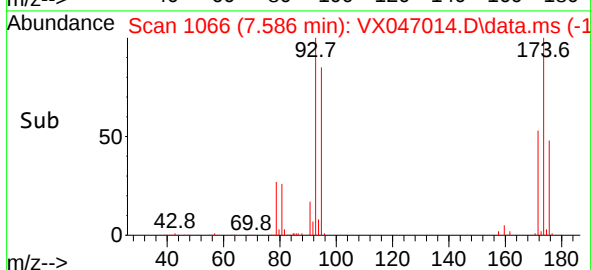
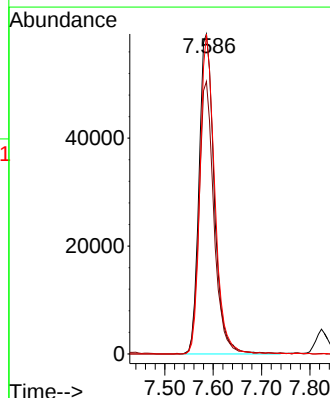
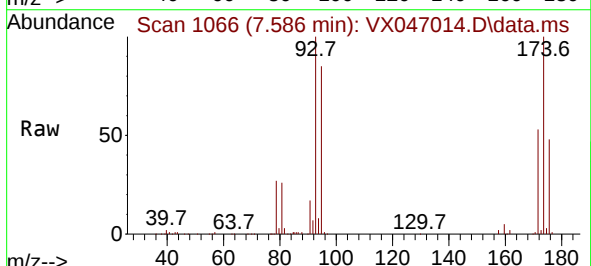
Tgt Ion: 93 Resp: 129510

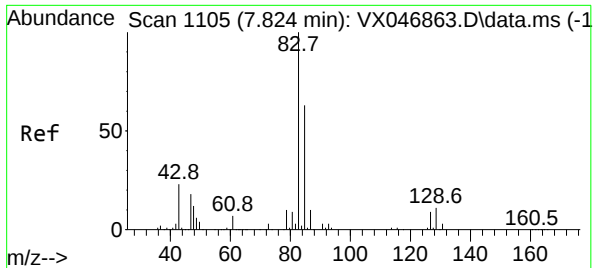
Ion Ratio Lower Upper

93 100

95 83.3 66.6 99.8

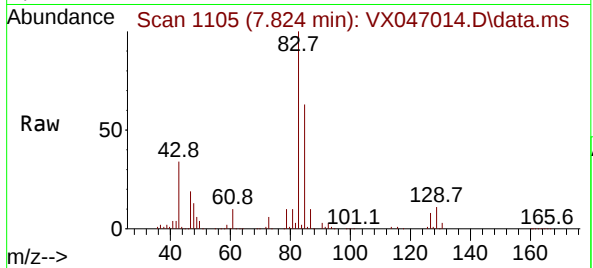
174 96.1 77.4 116.2





#47
Bromodichloromethane
Concen: 48.812 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

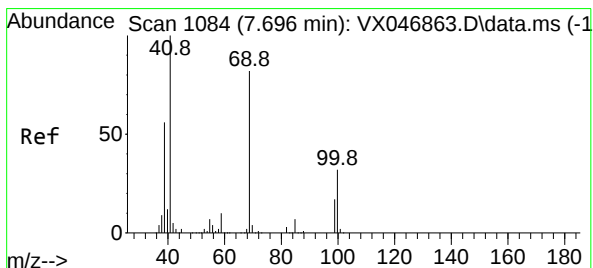
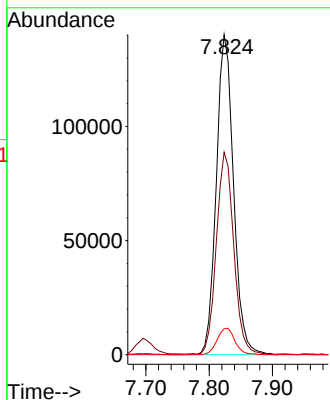
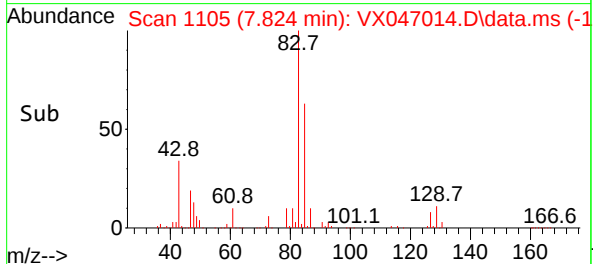
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 264028
Ion Ratio Lower Upper
83 100
85 63.0 50.2 75.4
127 8.1 7.1 10.7

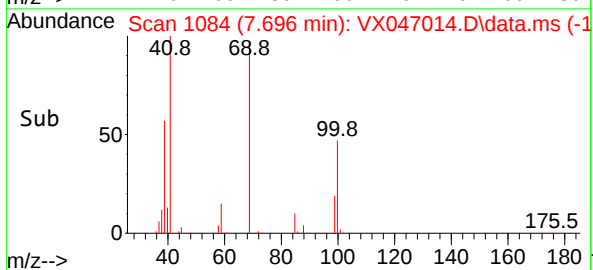
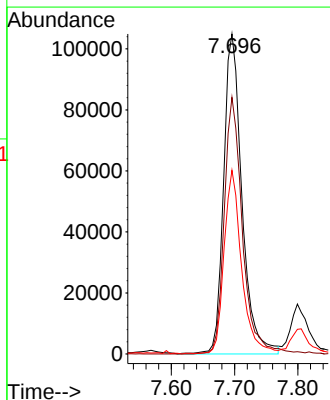
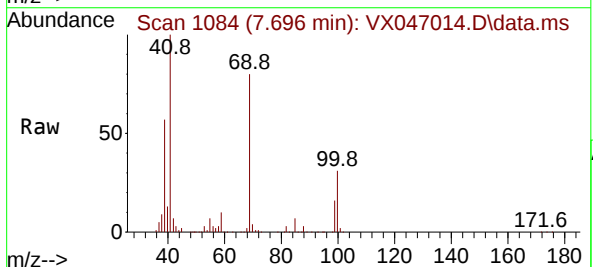
Manual Integrations
APPROVED

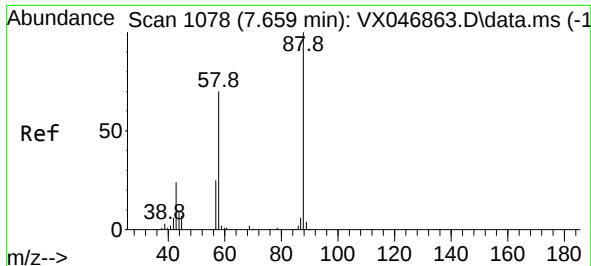
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#48
Methyl methacrylate
Concen: 65.487 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

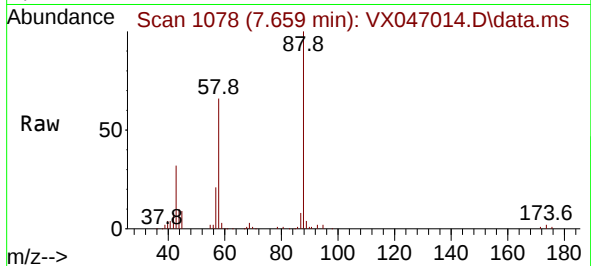
Tgt Ion: 41 Resp: 211056
Ion Ratio Lower Upper
41 100
69 79.7 65.8 98.8
39 54.7 43.8 65.6





#49
1,4-Dioxane
Concen: 1437.203 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

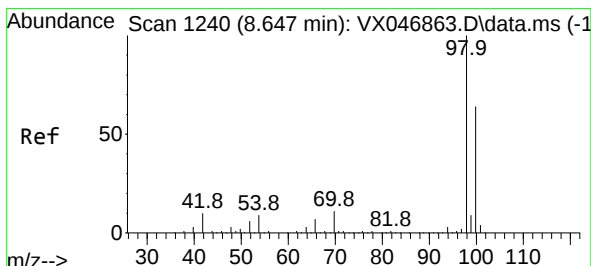
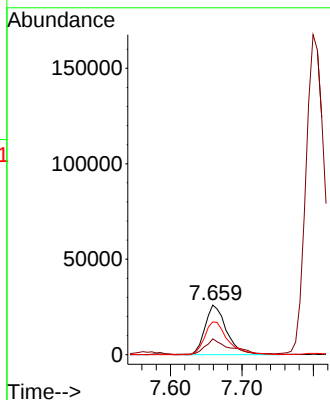
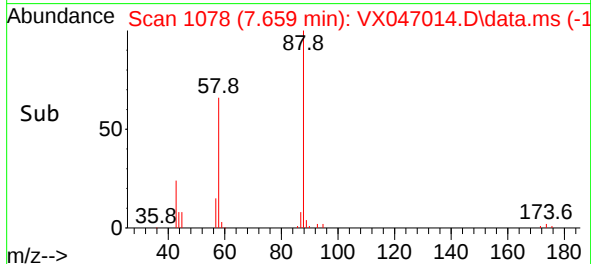
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



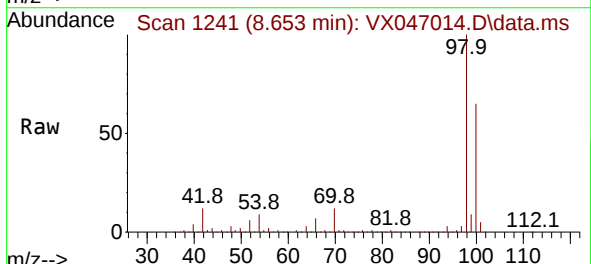
Tgt Ion: 88 Resp: 53670
Ion Ratio Lower Upper
88 100
43 34.8 31.7 47.5
58 71.5 57.5 86.3

Manual Integrations
APPROVED

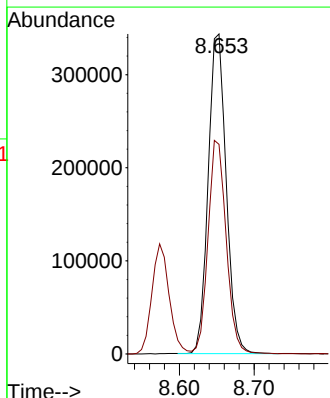
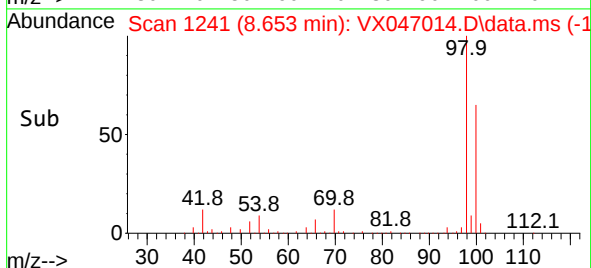
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

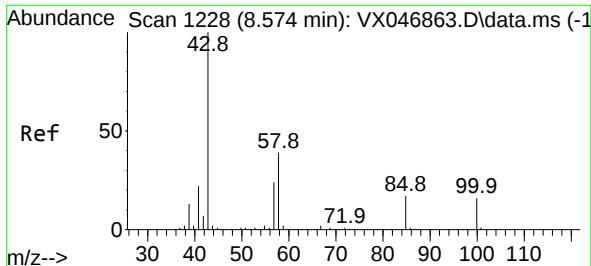


#50
Toluene-d8
Concen: 45.890 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34



Tgt Ion: 98 Resp: 574148
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 343.968 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

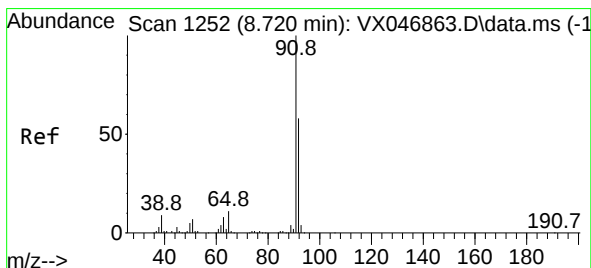
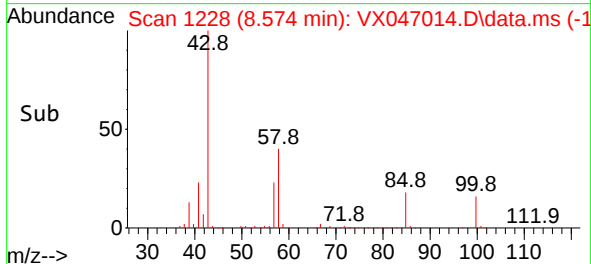
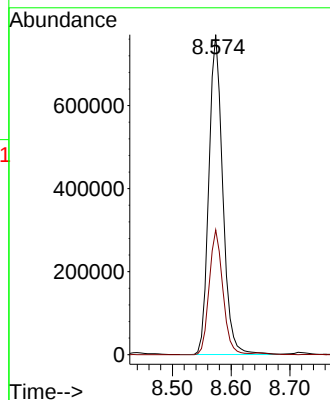
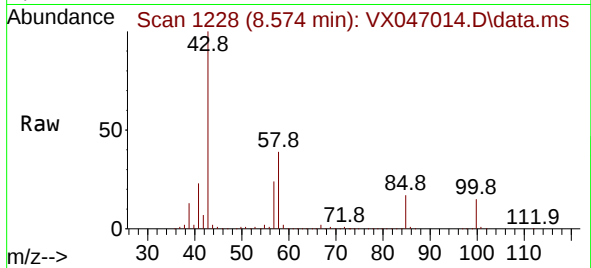
Tgt Ion: 43 Resp: 126706
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6

Manual Integrations

APPROVED

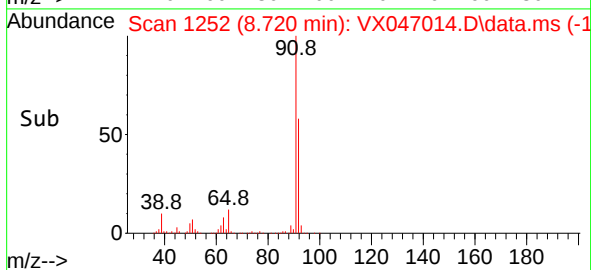
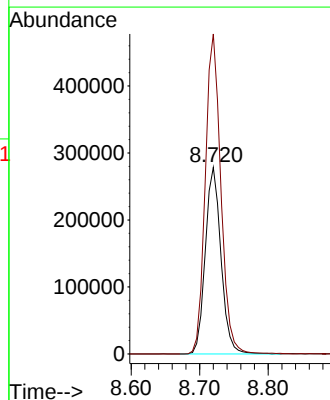
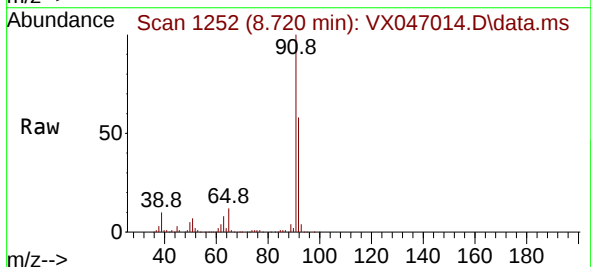
Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#52
Toluene
Concen: 49.509 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

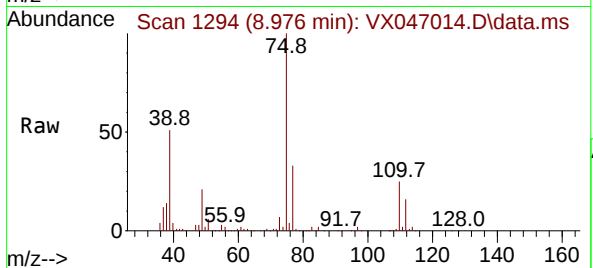
Tgt Ion: 92 Resp: 443977
Ion Ratio Lower Upper
92 100
91 170.5 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 50.999 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

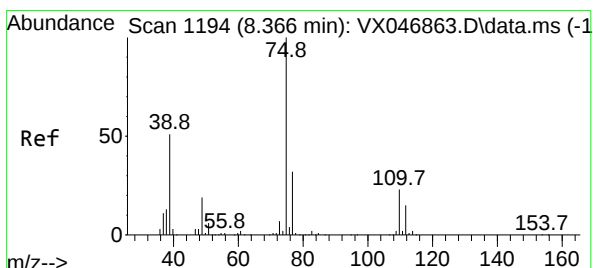
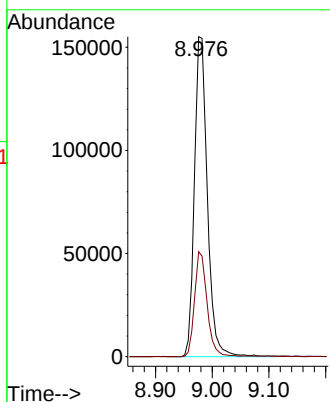
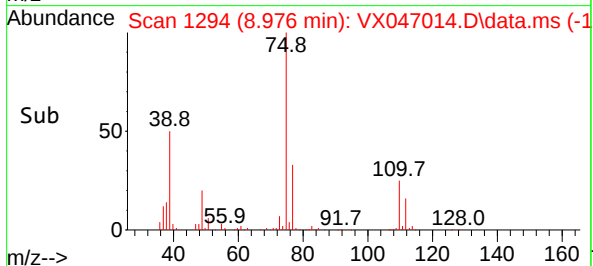
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



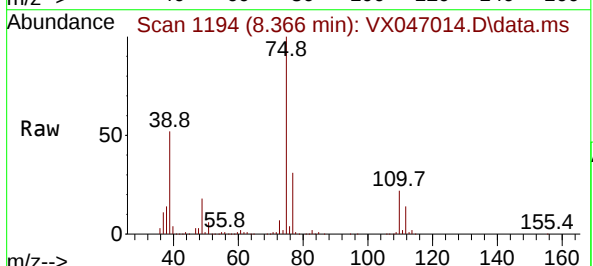
Tgt Ion: 75 Resp: 246192
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.6

Manual Integrations
APPROVED

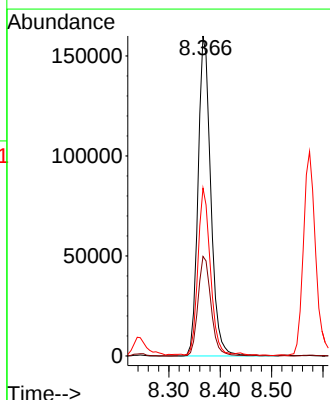
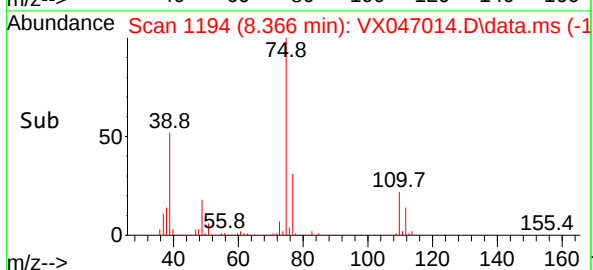
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

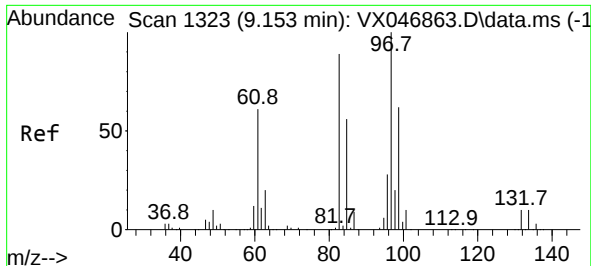


#54
cis-1,3-Dichloropropene
Concen: 49.799 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34



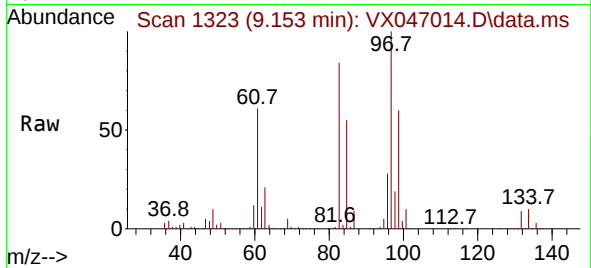
Tgt Ion: 75 Resp: 274399
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2
39 51.5 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 54.660 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

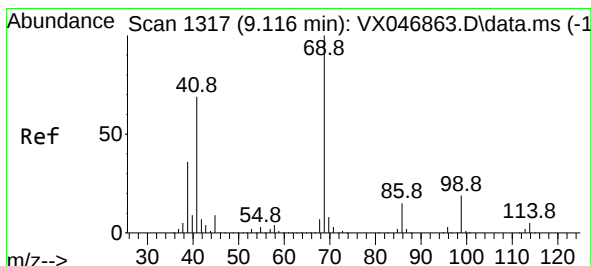
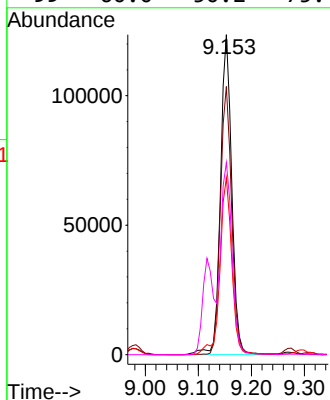
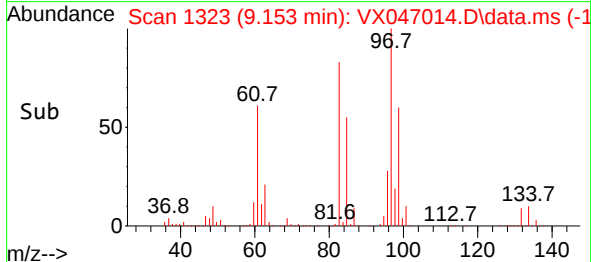
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



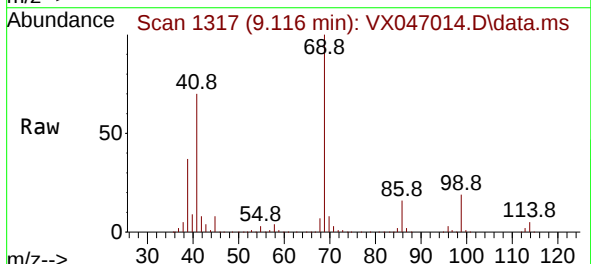
Tgt Ion: 97 Resp: 182572
Ion Ratio Lower Upper
97 100
83 83.8 70.9 106.3
85 55.3 44.6 67.0
99 60.0 50.2 75.4

Manual Integrations
APPROVED

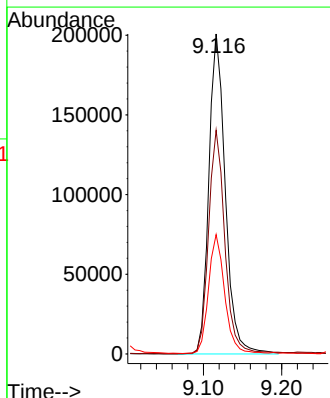
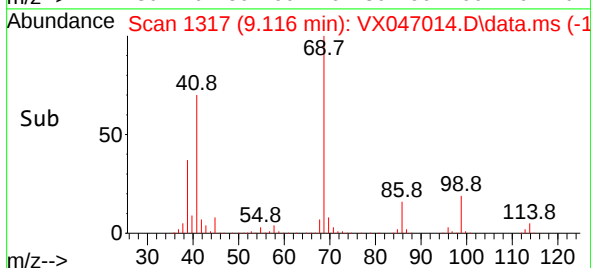
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

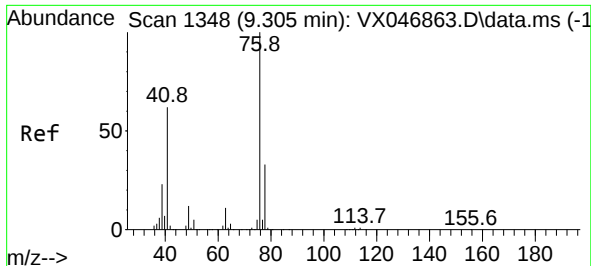


#56
Ethyl methacrylate
Concen: 63.361 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34



Tgt Ion: 69 Resp: 292922
Ion Ratio Lower Upper
69 100
41 69.1 54.6 82.0
39 36.2 28.7 43.1





#57
1,3-Dichloropropane
Concen: 52.841 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Instrument :

MSVOA_X

ClientSampleId :

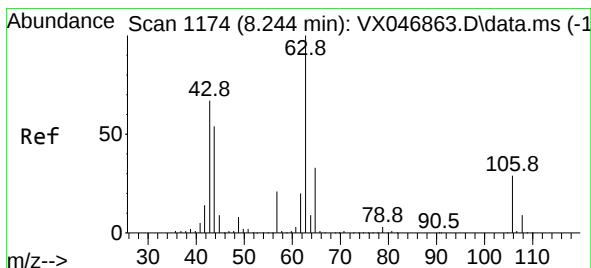
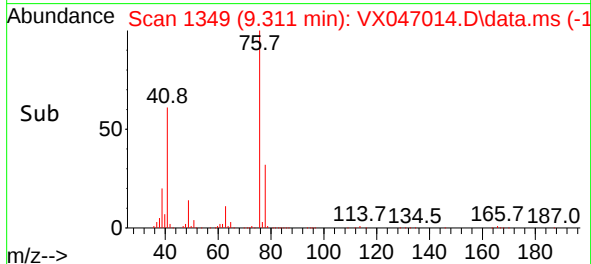
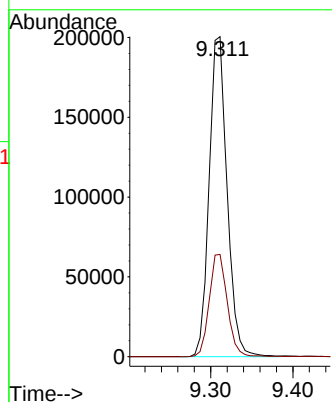
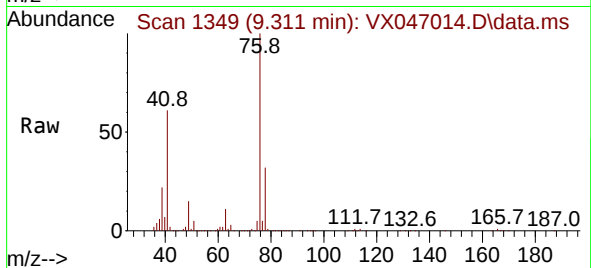
VSTDCCC050EC

Tgt Ion: 76 Resp: 303912
Ion Ratio Lower Upper
76 100
78 32.2 25.9 38.9

Manual Integrations

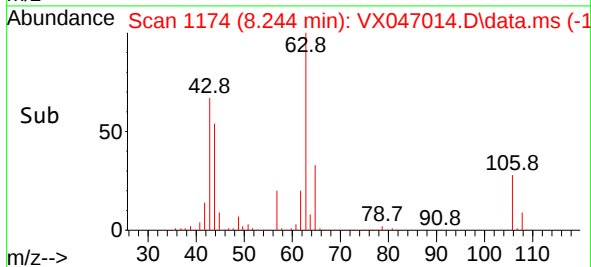
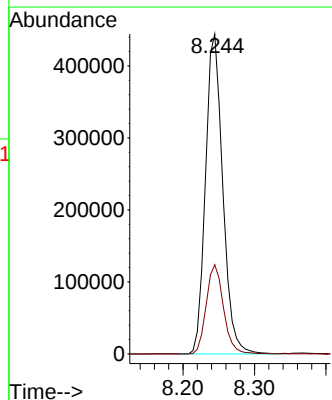
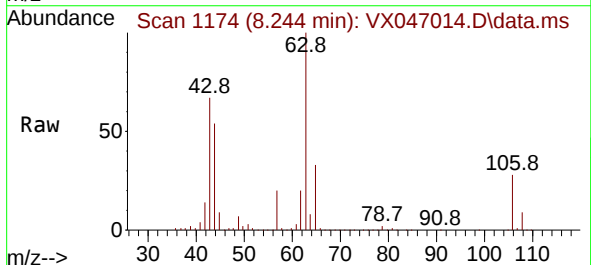
APPROVED

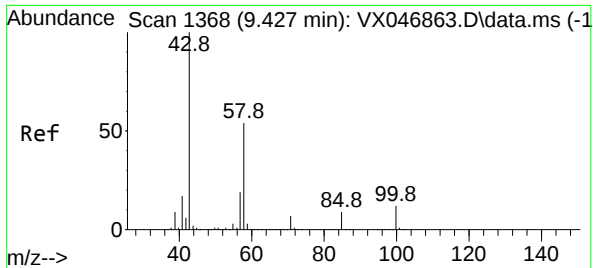
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 286.123 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

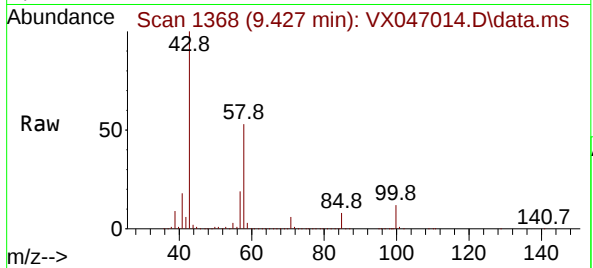
Tgt Ion: 63 Resp: 745307
Ion Ratio Lower Upper
63 100
106 27.9 22.6 33.8





#59
2-Hexanone
Concen: 358.427 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

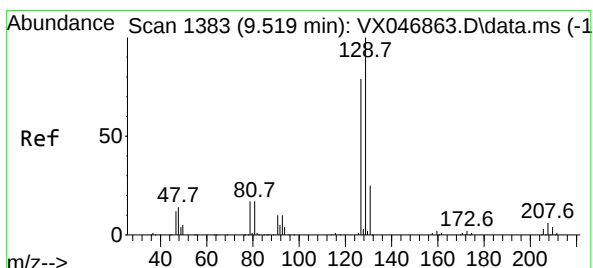
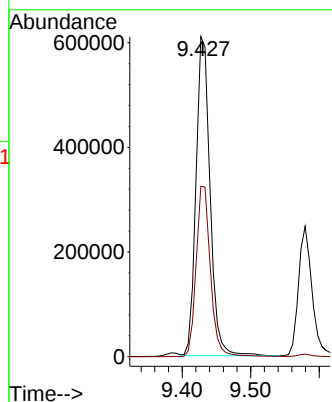
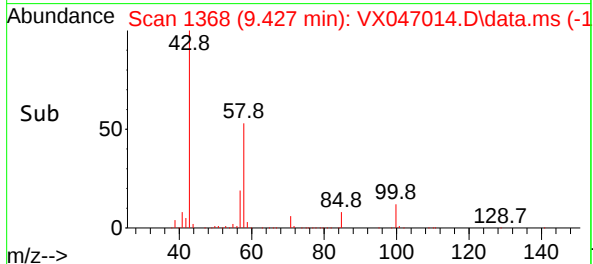
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 875774
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3

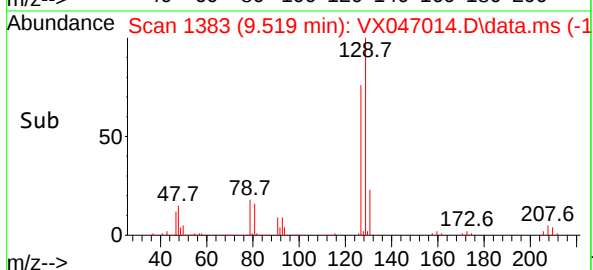
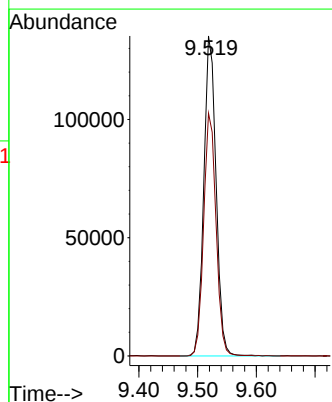
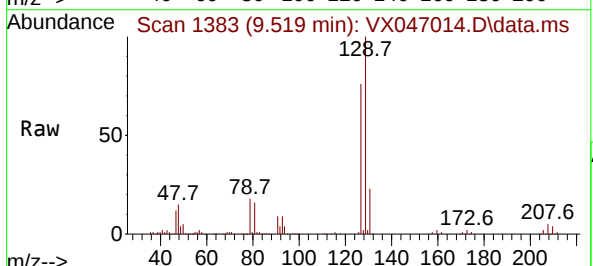
Manual Integrations
APPROVED

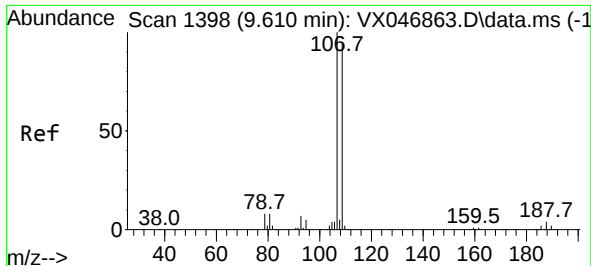
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#60
Dibromochloromethane
Concen: 49.089 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

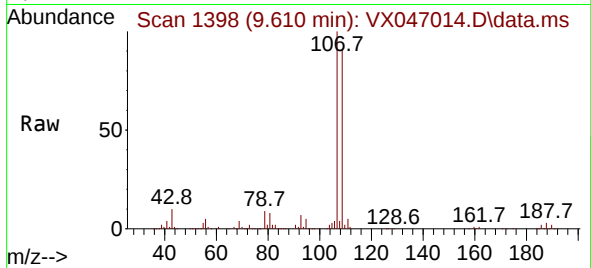
Tgt Ion:129 Resp: 196223
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.5





#61
1,2-Dibromoethane
Concen: 53.678 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

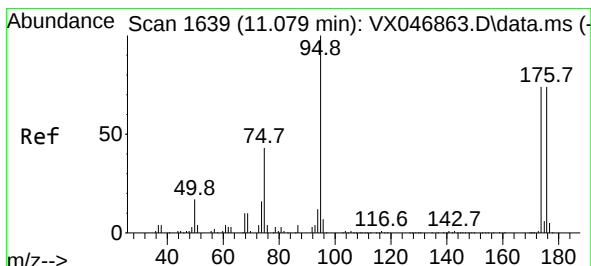
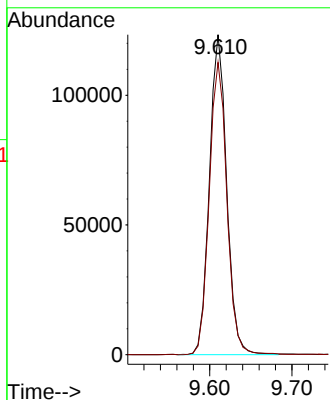
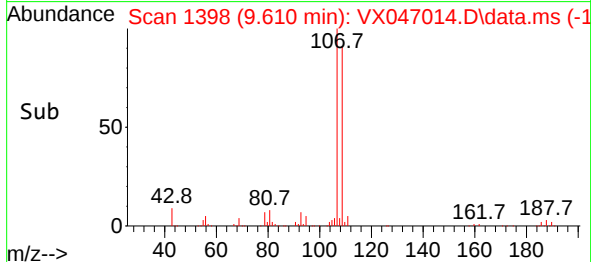
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



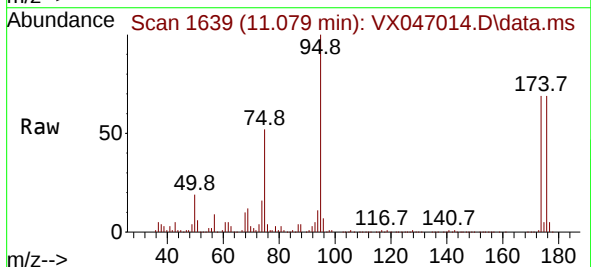
Tgt Ion:107 Resp: 180065
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2

Manual Integrations
APPROVED

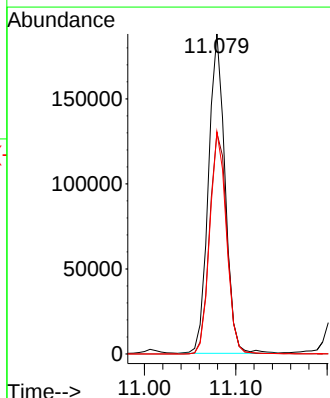
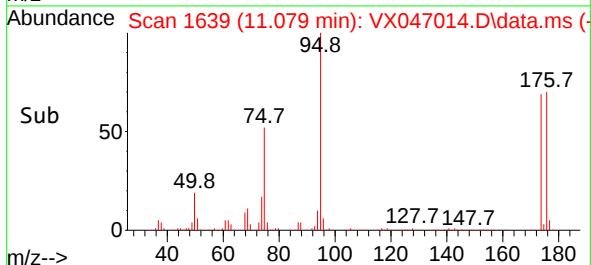
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

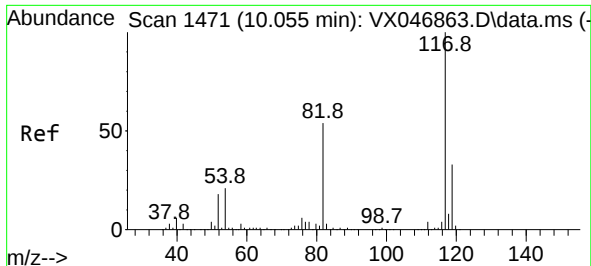


#62
4-Bromofluorobenzene
Concen: 49.682 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34



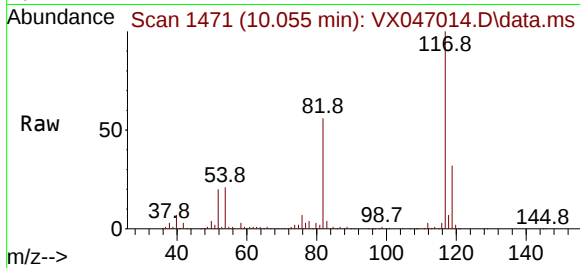
Tgt Ion: 95 Resp: 236239
Ion Ratio Lower Upper
95 100
174 72.3 0.0 152.0
176 69.7 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

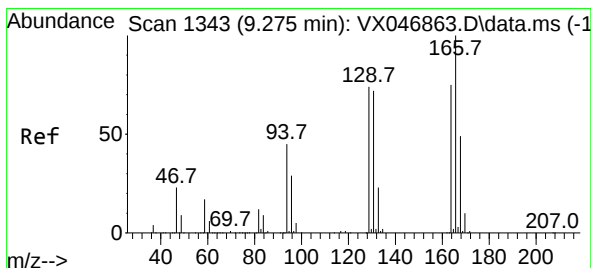
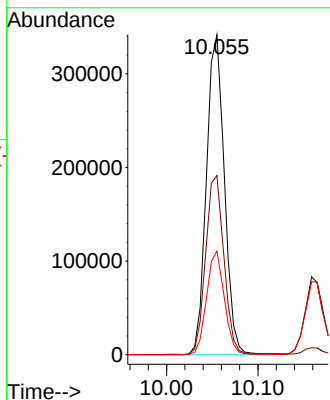
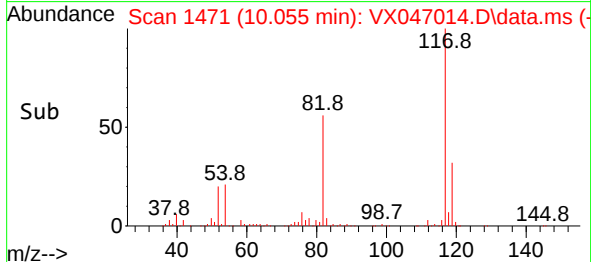
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 46490
Ion Ratio Lower Upper
117 100
82 55.8 43.3 64.9
119 32.4 26.4 39.6

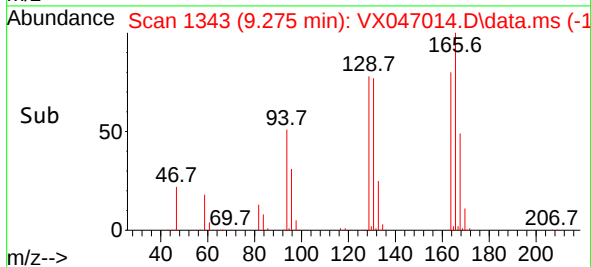
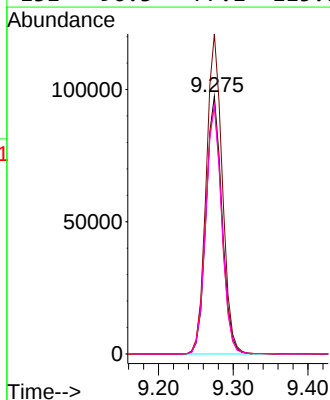
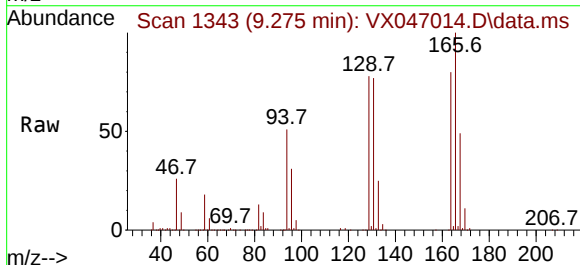
Manual Integrations
APPROVED

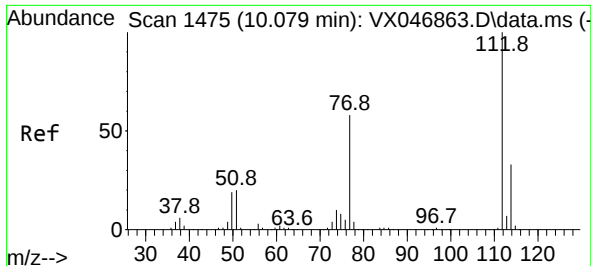
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#64
Tetrachloroethene
Concen: 46.538 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Tgt Ion:164 Resp: 144051
Ion Ratio Lower Upper
164 100
166 124.2 107.0 160.6
129 96.7 79.7 119.5
131 96.3 77.1 115.7





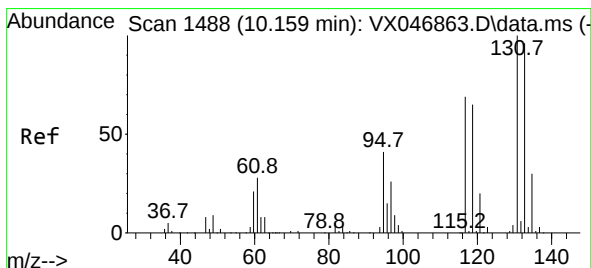
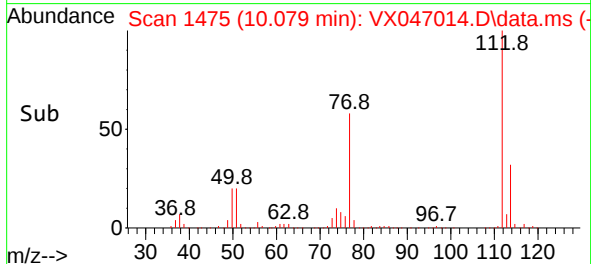
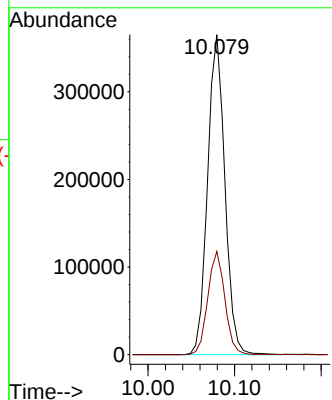
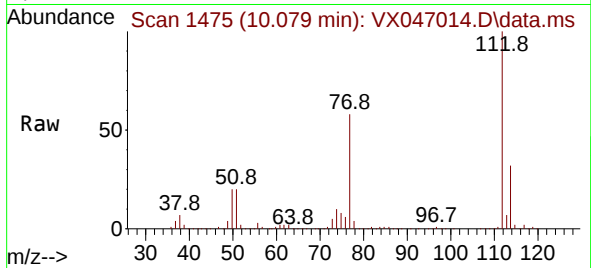
#65
Chlorobenzene
Concen: 50.372 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 506309
Ion Ratio Lower Upper
112 100
114 32.2 26.3 39.5

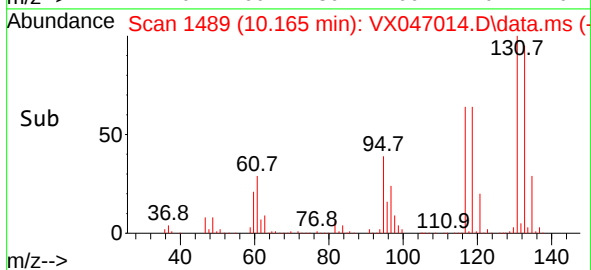
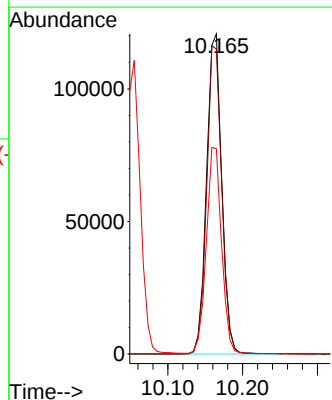
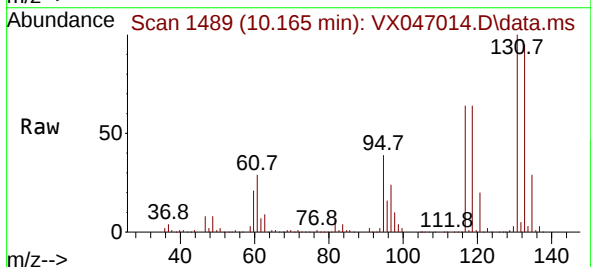
Manual Integrations
APPROVED

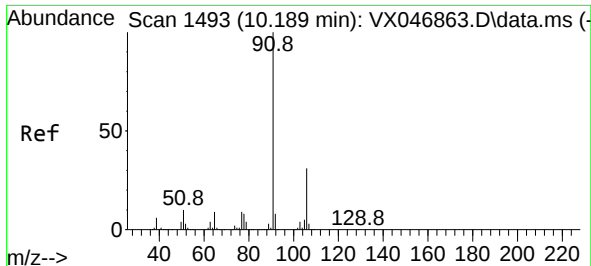
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.262 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Tgt Ion:131 Resp: 169833
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 64.9 32.4 97.2





#67

Ethyl Benzene

Concen: 50.969 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 877349

Ion Ratio Lower Upper

91 100

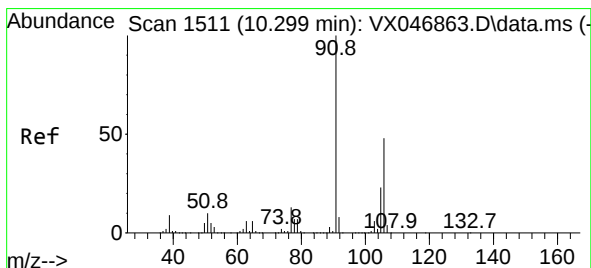
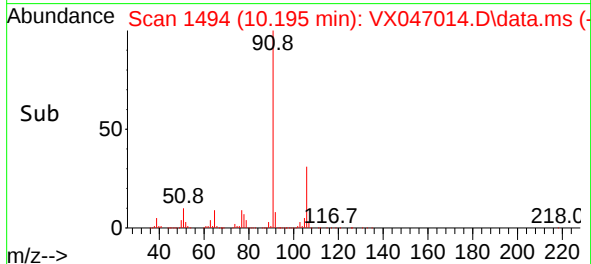
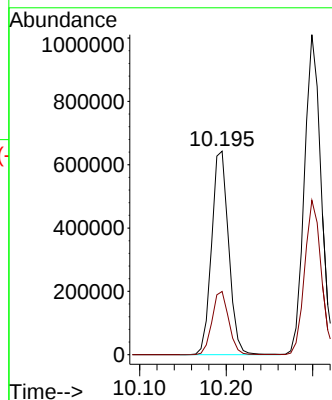
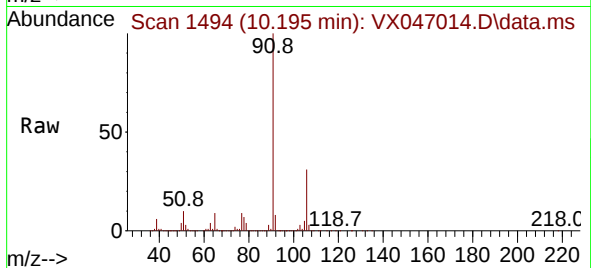
106 31.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#68

m/p-Xylenes

Concen: 100.200 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX047014.D

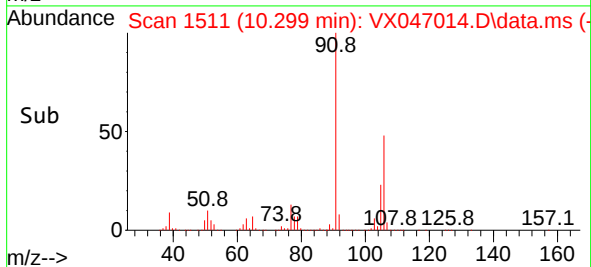
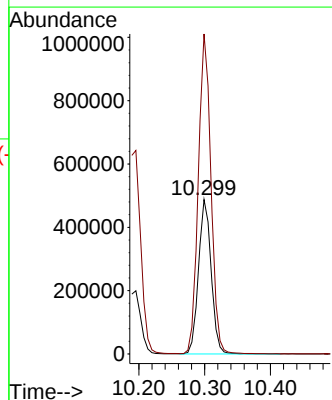
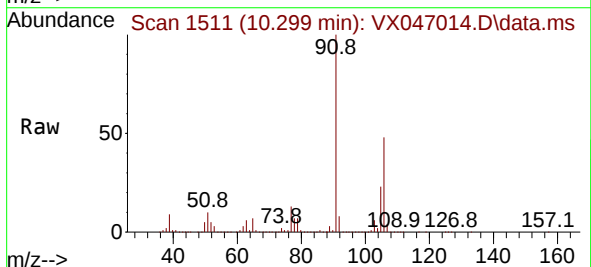
Acq: 15 Jul 2025 19:34

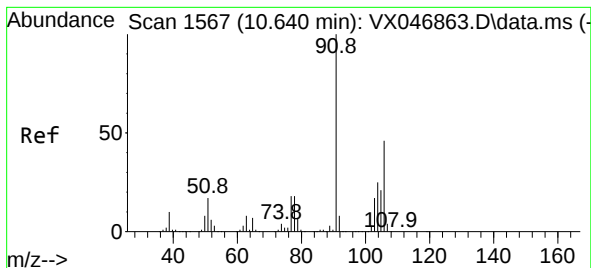
Tgt Ion:106 Resp: 649925

Ion Ratio Lower Upper

106 100

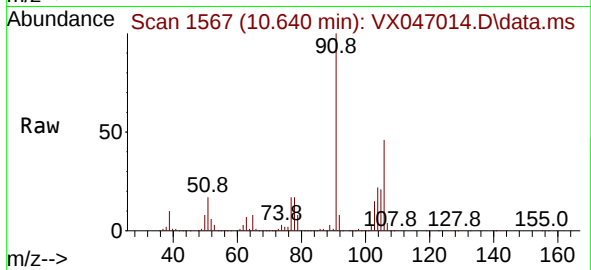
91 207.8 164.6 246.8





#69
o-Xylene
Concen: 51.636 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

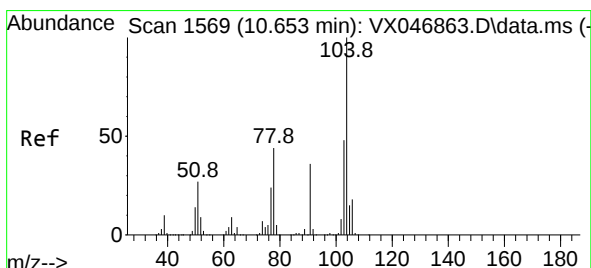
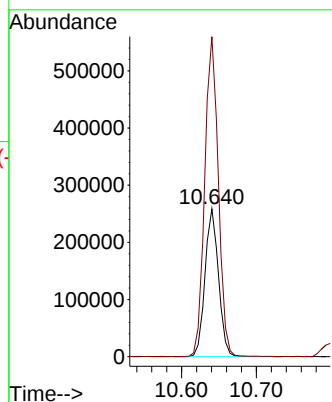
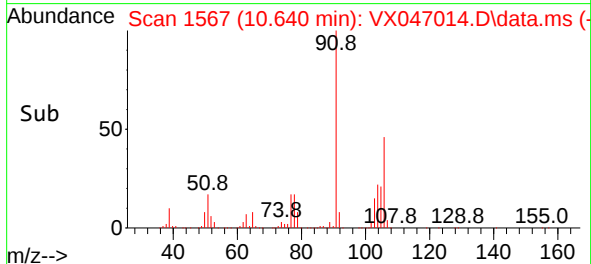
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 323520
Ion Ratio Lower Upper
106 100
91 218.4 109.5 328.5

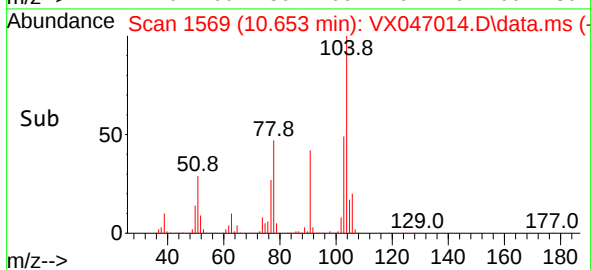
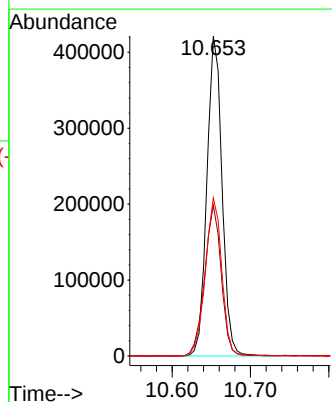
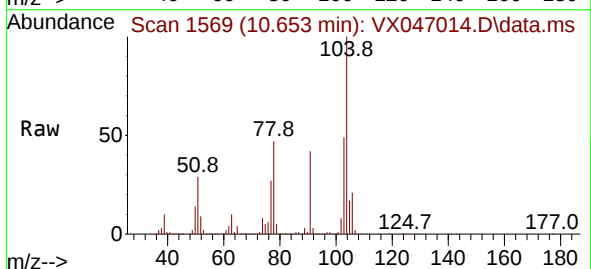
Manual Integrations
APPROVED

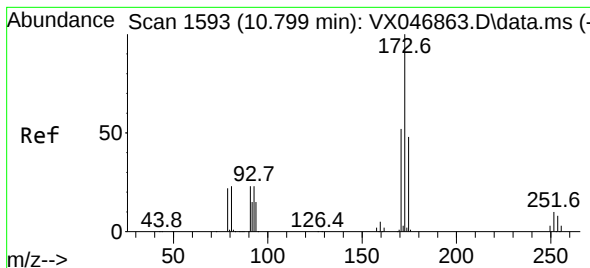
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#70
Styrene
Concen: 52.681 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

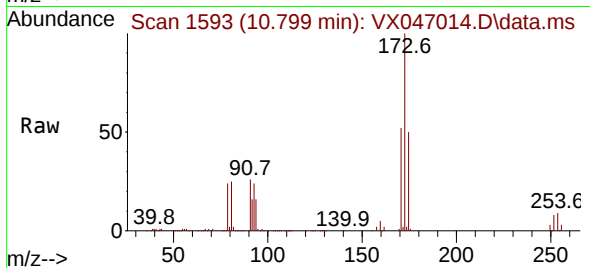
Tgt Ion:104 Resp: 564719
Ion Ratio Lower Upper
104 100
78 51.8 40.3 60.5
103 53.7 42.8 64.2





#71
Bromoform
Concen: 49.360 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

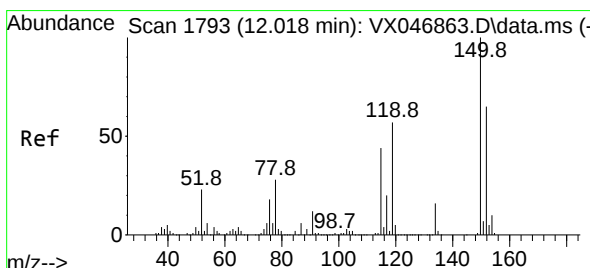
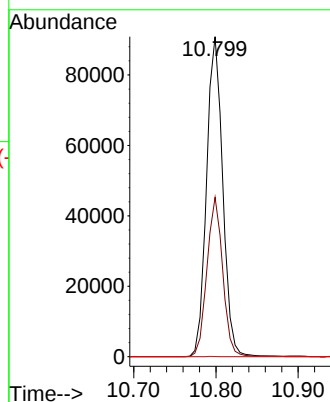
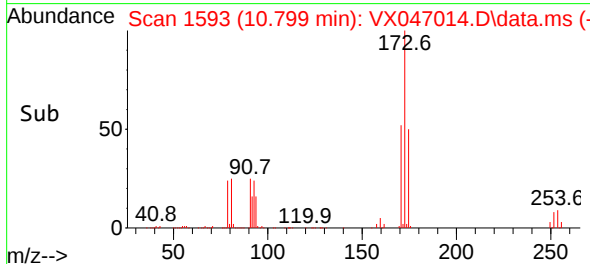
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



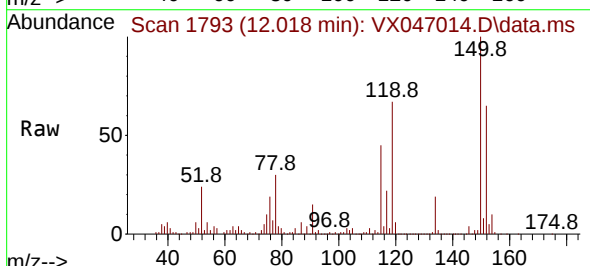
Tgt Ion:173 Resp: 124012
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.5
254 0.0 0.1 0.1

Manual Integrations
APPROVED

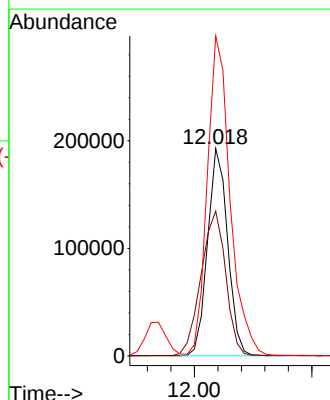
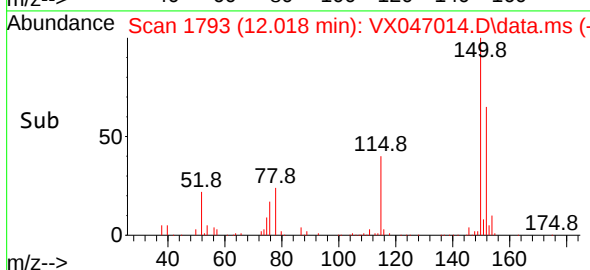
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

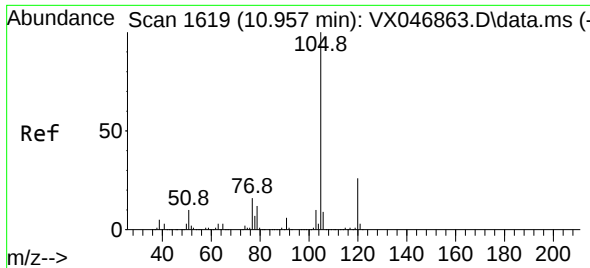


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34



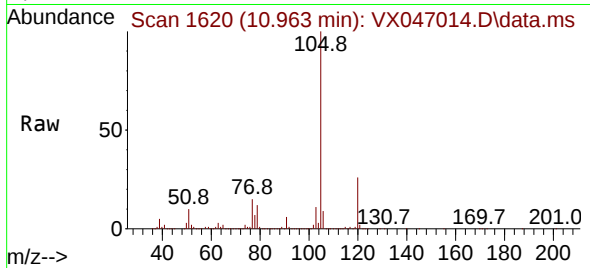
Tgt Ion:152 Resp: 228381
Ion Ratio Lower Upper
152 100
115 86.3 42.4 127.1
150 175.6 0.0 349.2





#73
Isopropylbenzene
Concen: 53.864 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

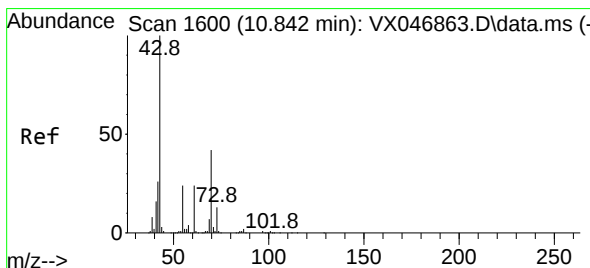
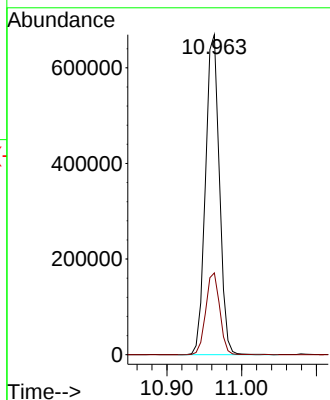
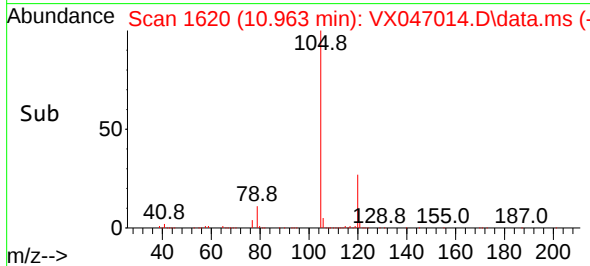
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 86476
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5

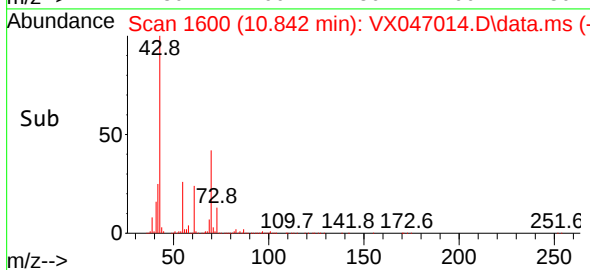
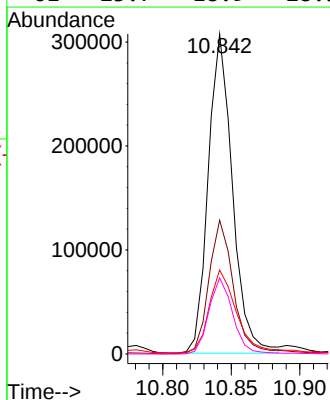
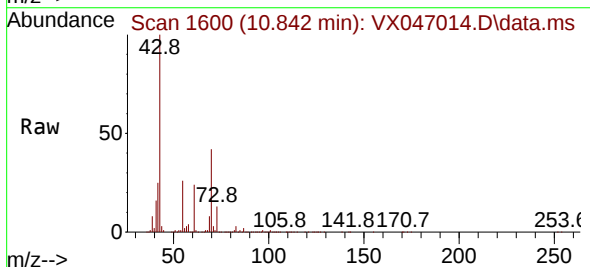
Manual Integrations
APPROVED

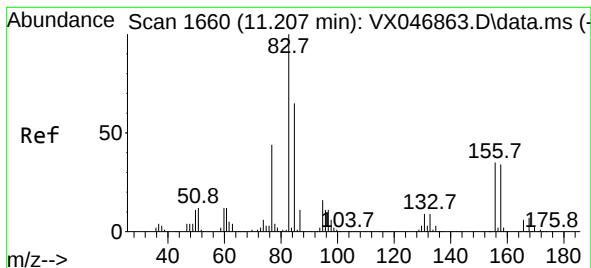
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#74
N-amy1 acetate
Concen: 69.316 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

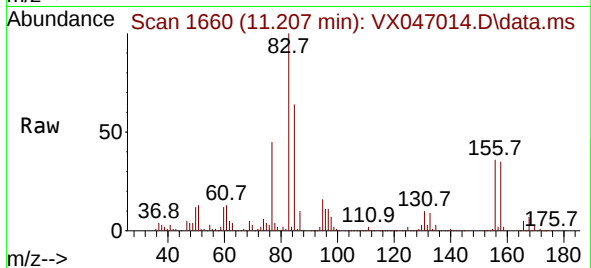
Tgt Ion: 43 Resp: 378156
Ion Ratio Lower Upper
43 100
70 43.1 33.4 50.2
55 29.9 19.6 29.4#
61 23.7 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 60.354 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

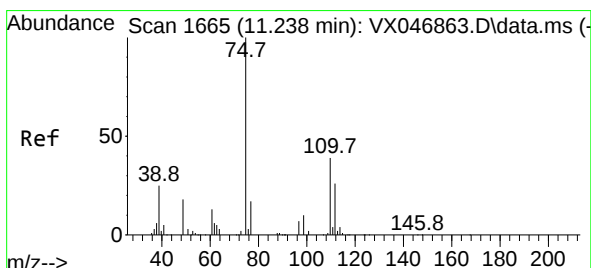
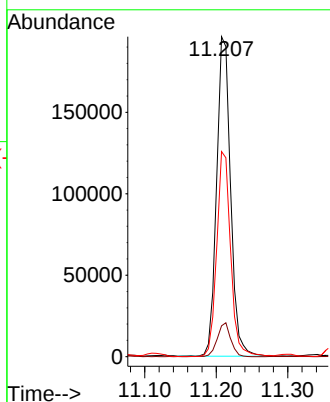
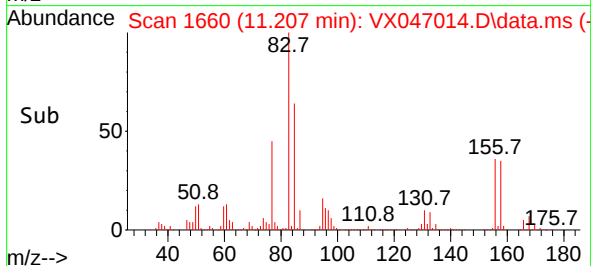
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 266430
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 63.8 32.1 96.5

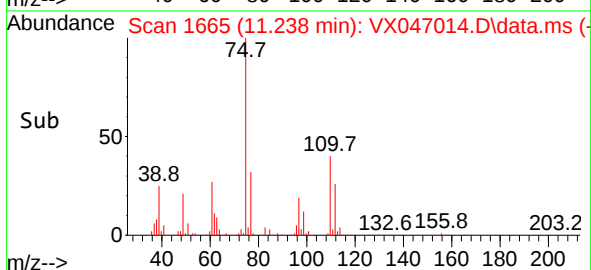
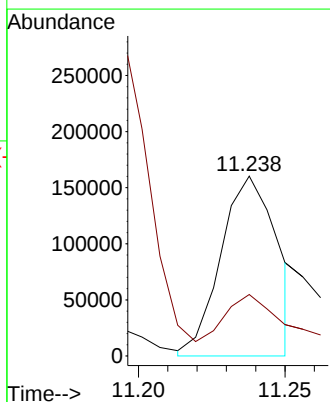
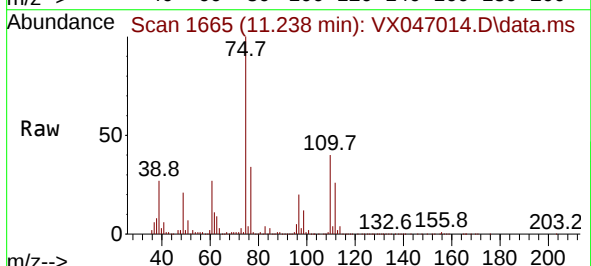
Manual Integrations
APPROVED

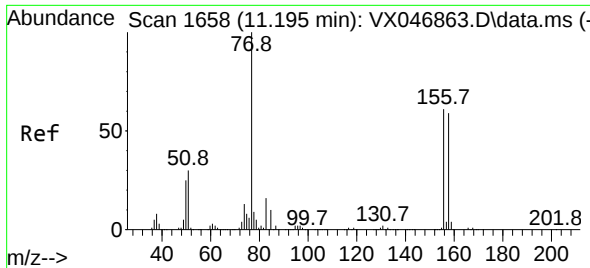
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#76
1,2,3-Trichloropropane
Concen: 60.685 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

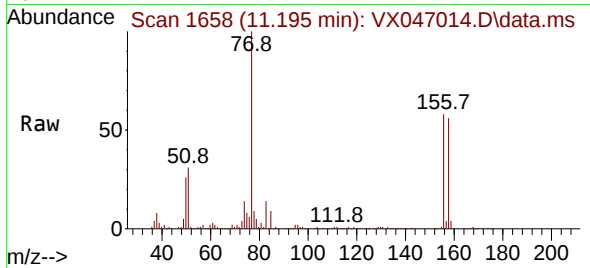
Tgt Ion: 75 Resp: 214144
Ion Ratio Lower Upper
75 100
77 42.3 20.6 61.8





#77
Bromobenzene
Concen: 52.202 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

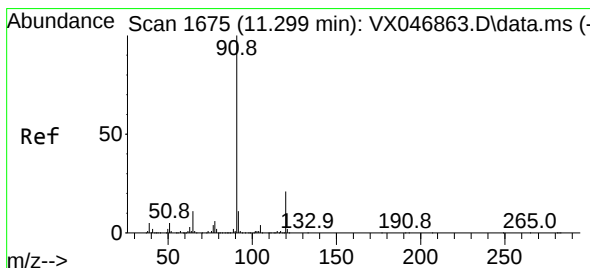
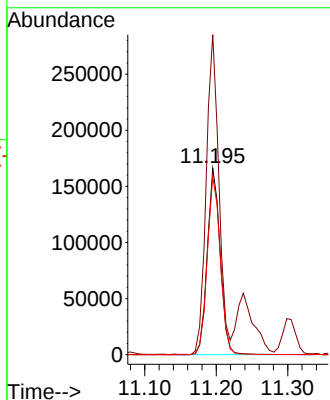
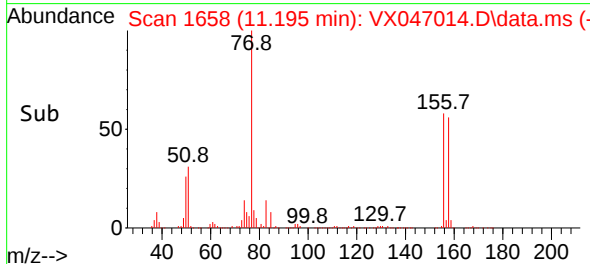
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



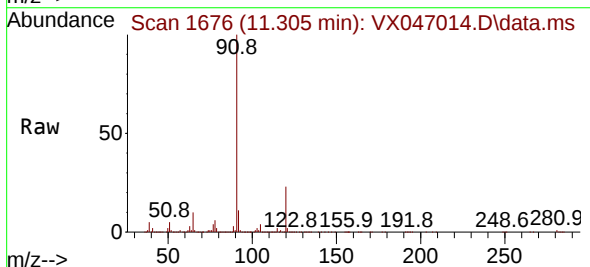
Tgt Ion:156 Resp: 20875
Ion Ratio Lower Upper
156 100
77 168.2 82.3 247.0
158 96.4 47.5 142.6

Manual Integrations
APPROVED

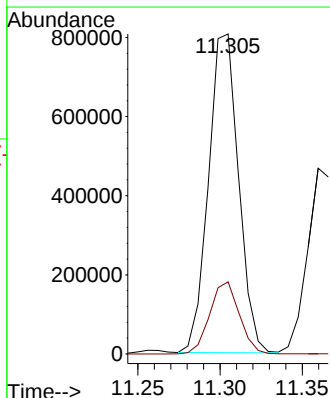
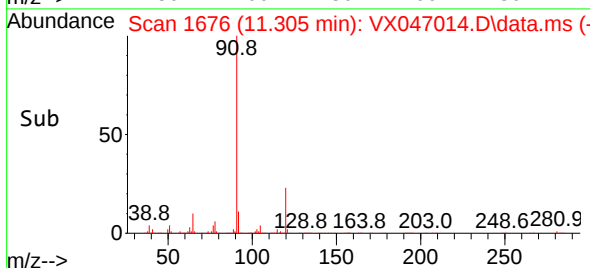
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

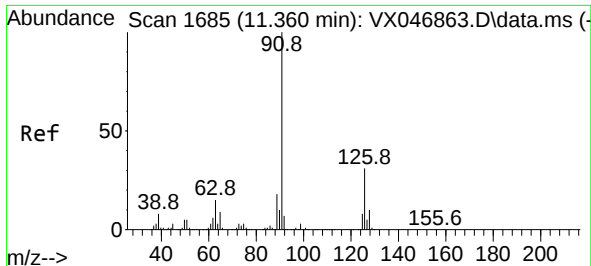


#78
n-propylbenzene
Concen: 52.972 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34



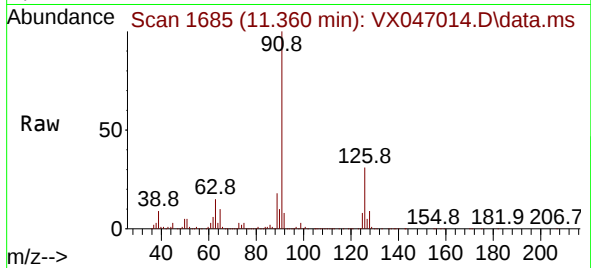
Tgt Ion: 91 Resp: 1025462
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5





#79
2-Chlorotoluene
Concen: 52.497 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

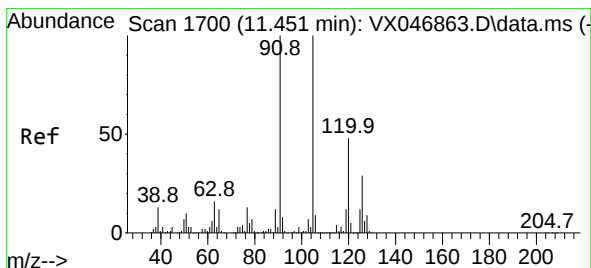
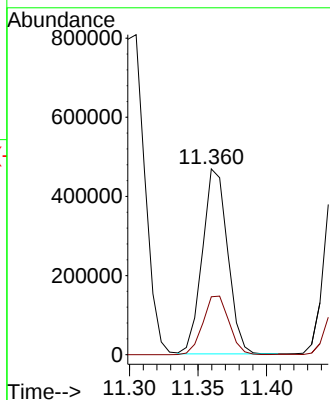
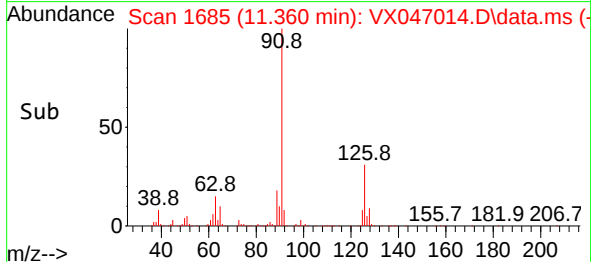
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 600069
Ion Ratio Lower Upper
91 100
126 32.7 16.6 49.8

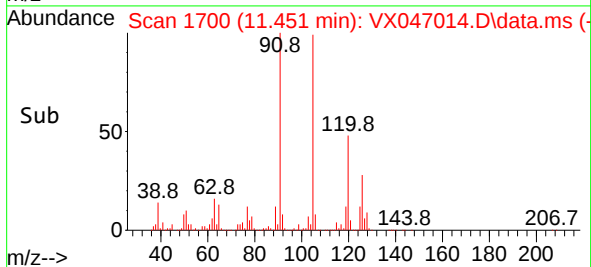
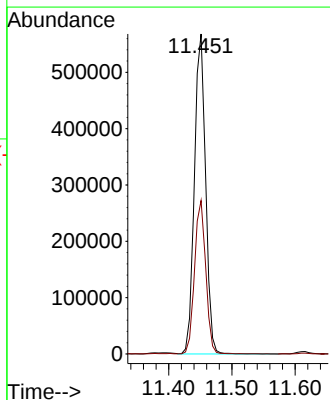
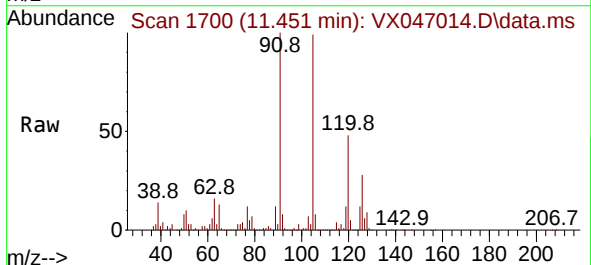
Manual Integrations
APPROVED

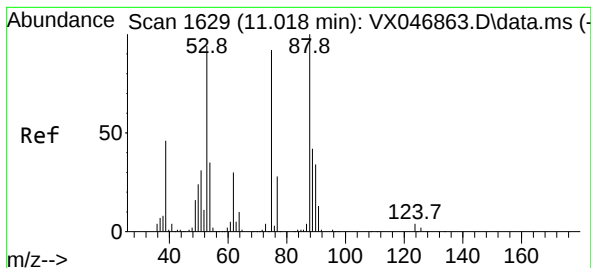
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.814 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Tgt Ion:105 Resp: 702012
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.4





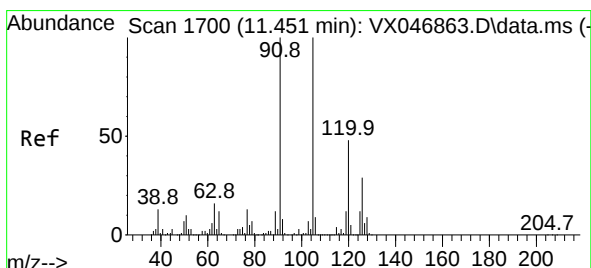
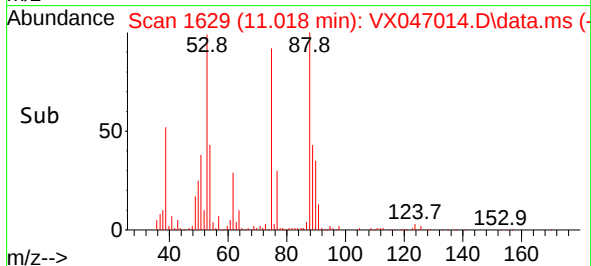
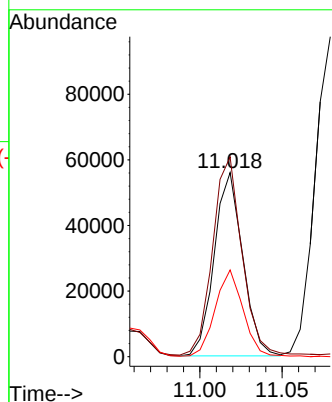
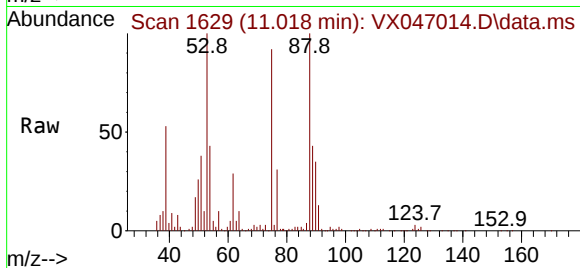
#81
trans-1,4-Dichloro-2-butene
Concen: 51.337 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 67508
Ion Ratio Lower Upper
75 100
53 111.6 83.7 125.5
89 46.6 38.2 57.2

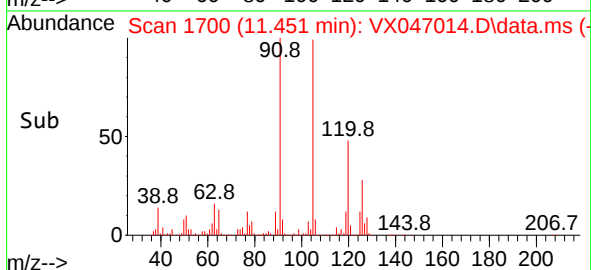
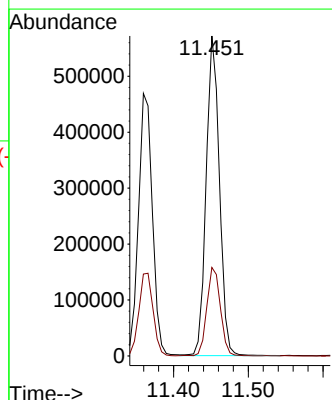
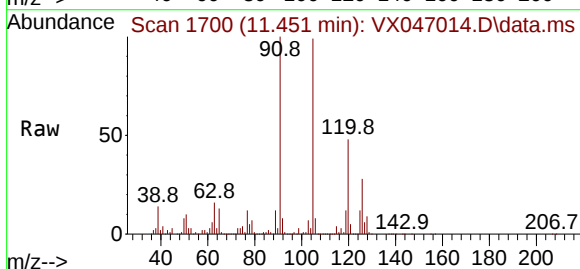
Manual Integrations
APPROVED

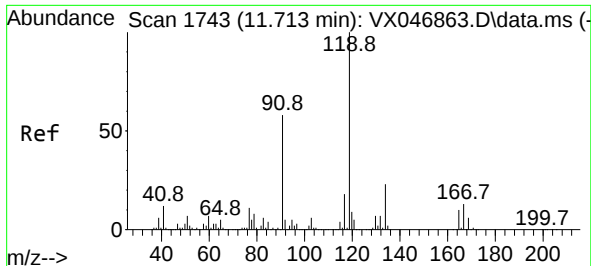
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#82
4-Chlorotoluene
Concen: 53.282 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Tgt Ion: 91 Resp: 702830
Ion Ratio Lower Upper
91 100
126 28.3 14.6 44.0





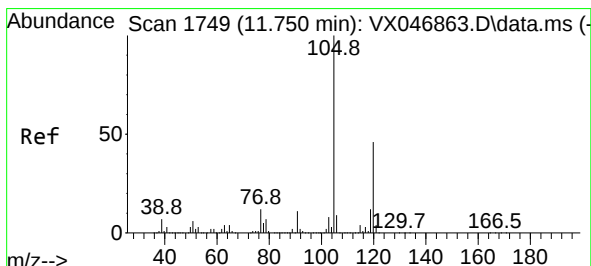
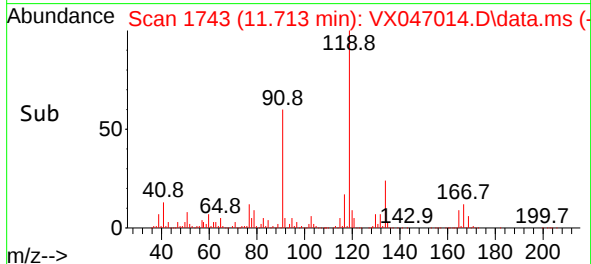
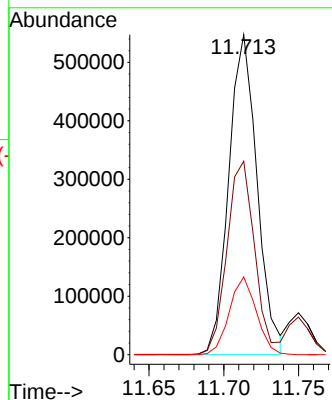
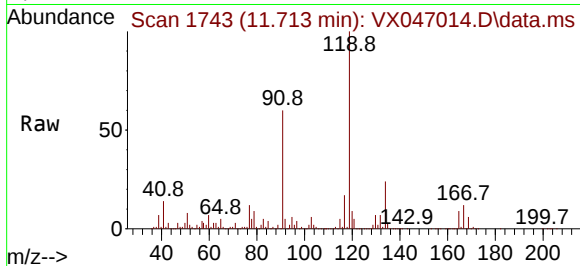
#83
tert-Butylbenzene
Concen: 53.567 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 721718
Ion Ratio Lower Upper
119 100
91 59.3 28.7 86.3
134 23.2 11.4 34.2

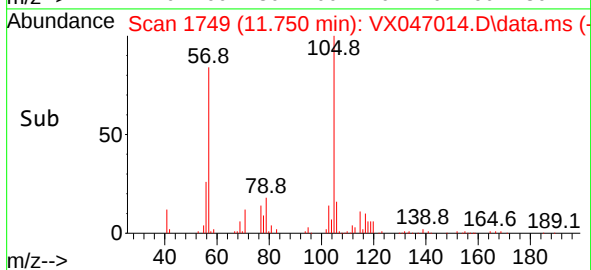
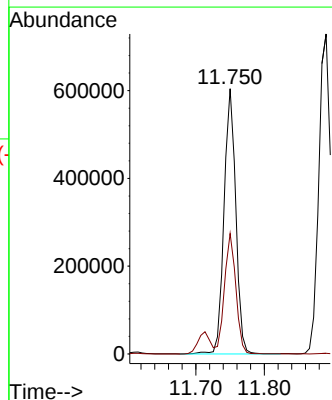
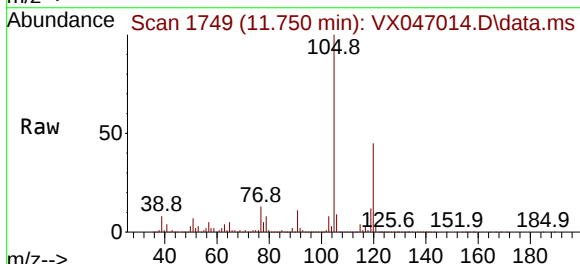
Manual Integrations
APPROVED

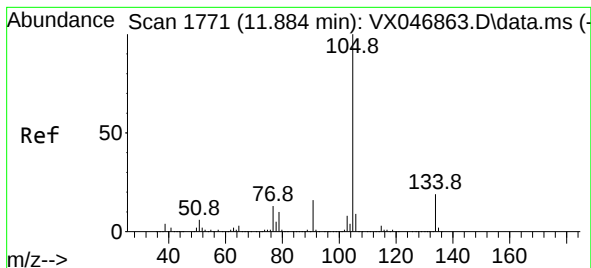
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#84
1,2,4-Trimethylbenzene
Concen: 54.220 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

Tgt Ion:105 Resp: 714919
Ion Ratio Lower Upper
105 100
120 44.2 23.3 69.8





#85

sec-Butylbenzene

Concen: 52.851 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 897800

Ion Ratio Lower Upper

105 100

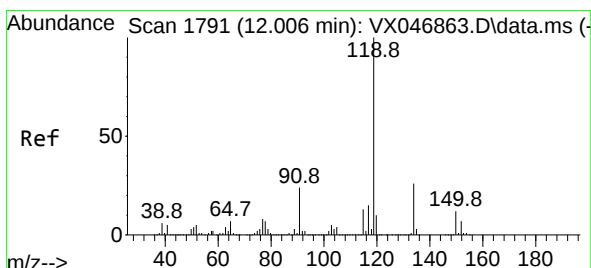
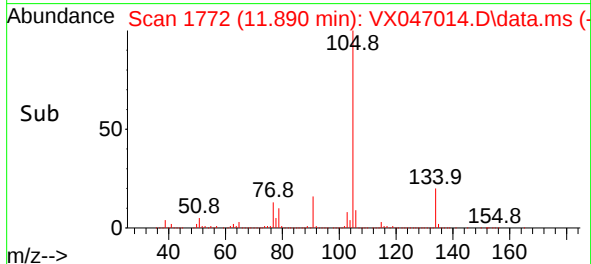
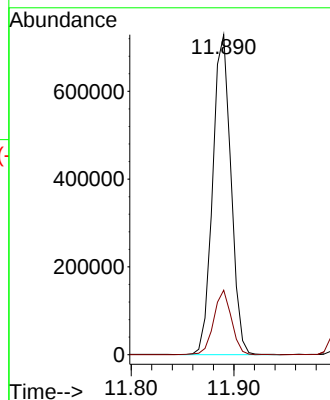
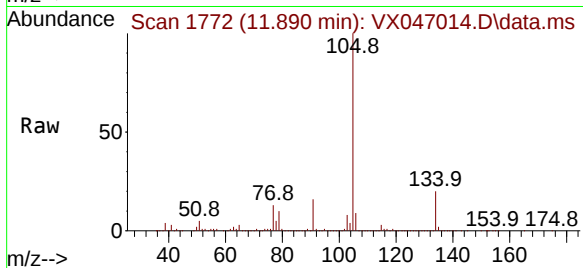
134 19.6 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#86

p-Isopropyltoluene

Concen: 51.683 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

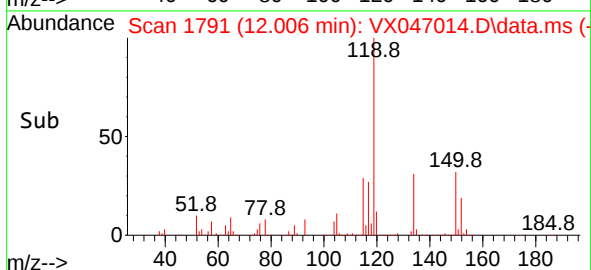
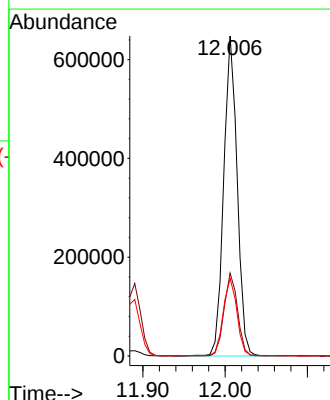
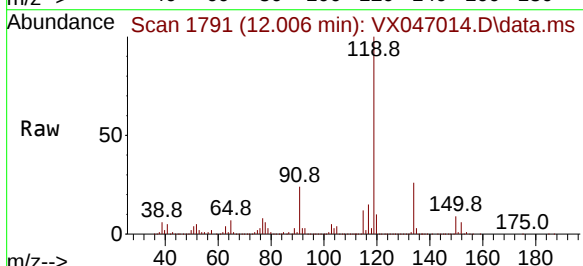
Tgt Ion:119 Resp: 735215

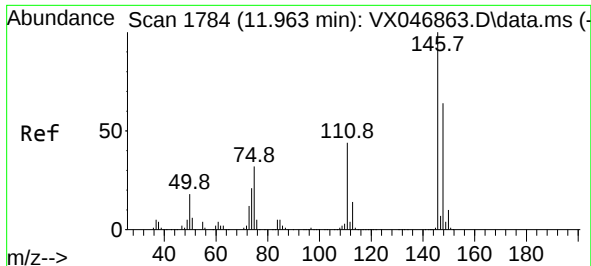
Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 24.6 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 51.629 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 386120

Ion Ratio Lower Upper

146 100

111 42.5 20.5 61.6

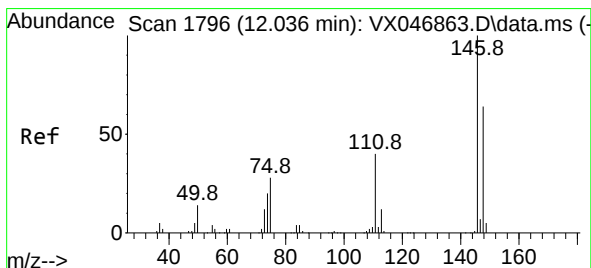
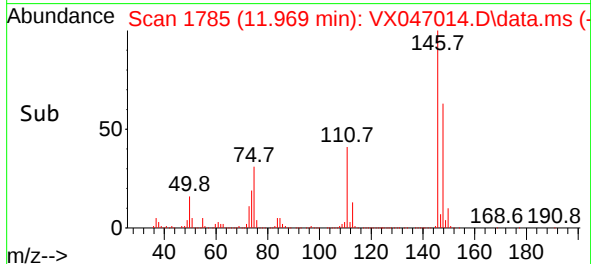
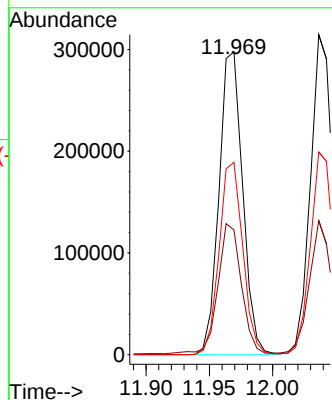
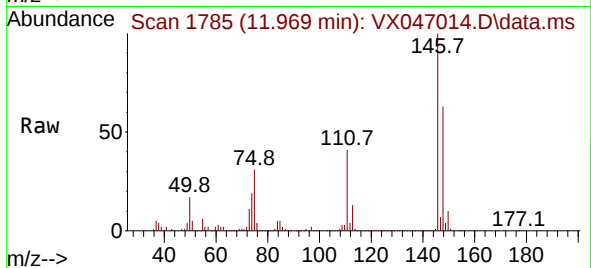
148 63.6 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#88

1,4-Dichlorobenzene

Concen: 49.938 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

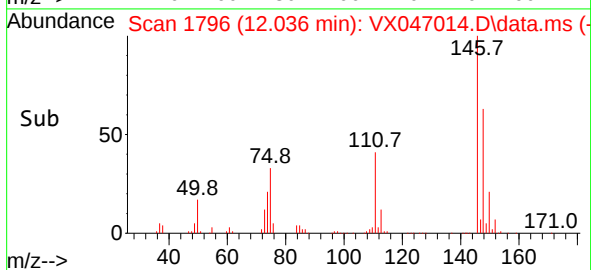
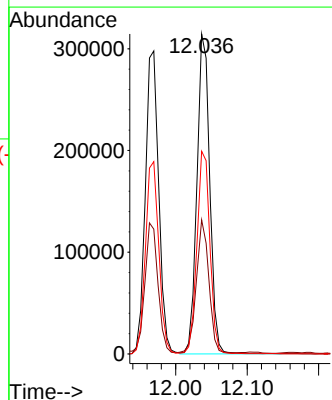
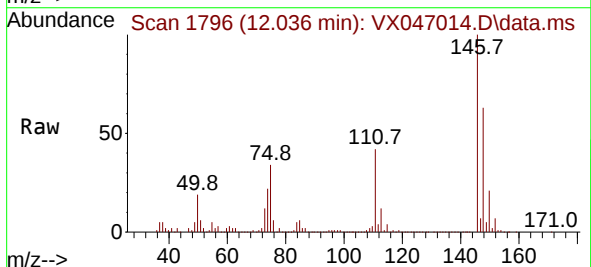
Tgt Ion:146 Resp: 388699

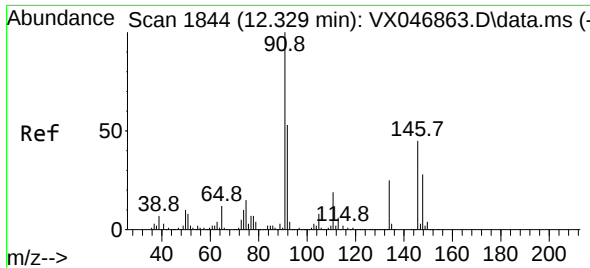
Ion Ratio Lower Upper

146 100

111 40.6 20.2 60.5

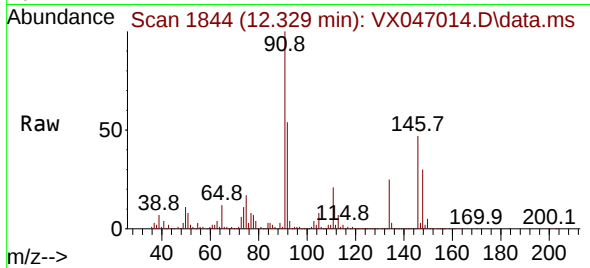
148 64.3 32.4 97.0





#89
n-Butylbenzene
Concen: 51.632 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

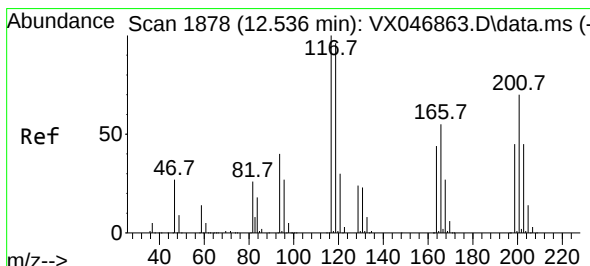
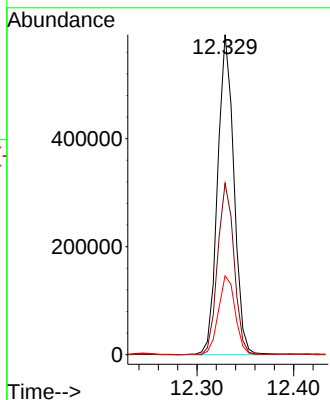
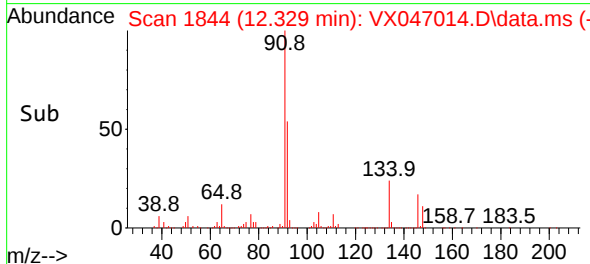
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 690135
Ion Ratio Lower Upper
91 100
92 54.1 27.0 81.0
134 25.4 12.8 38.4

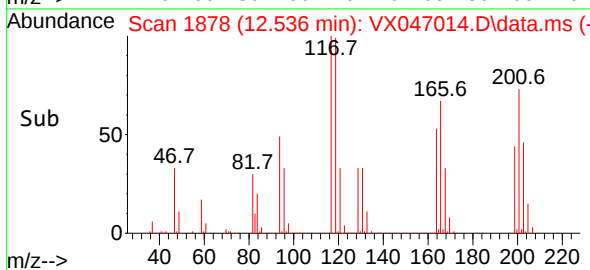
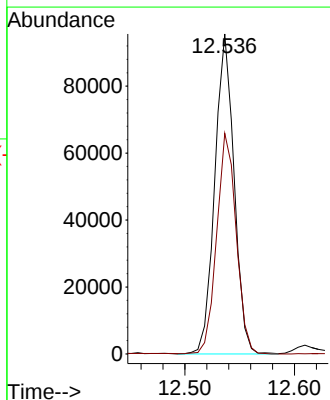
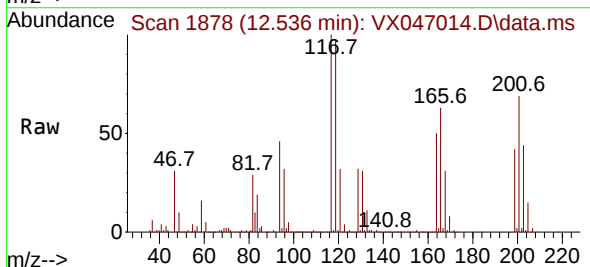
Manual Integrations
APPROVED

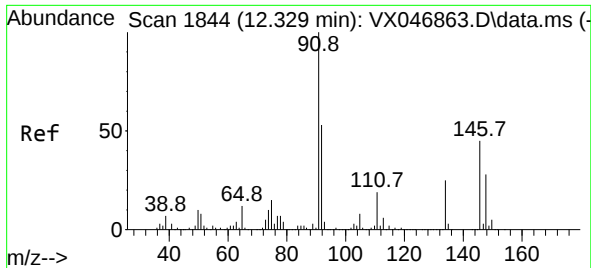
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#90
Hexachloroethane
Concen: 46.411 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

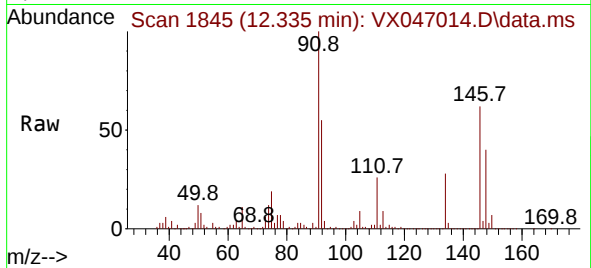
Tgt Ion:117 Resp: 117040
Ion Ratio Lower Upper
117 100
201 69.7 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 52.066 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

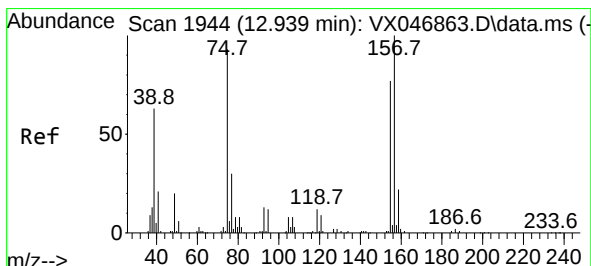
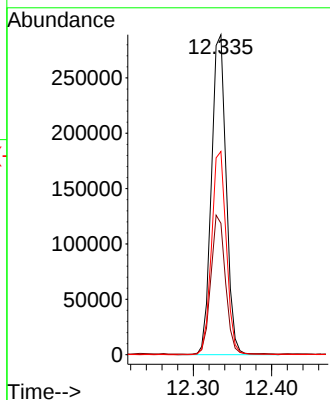
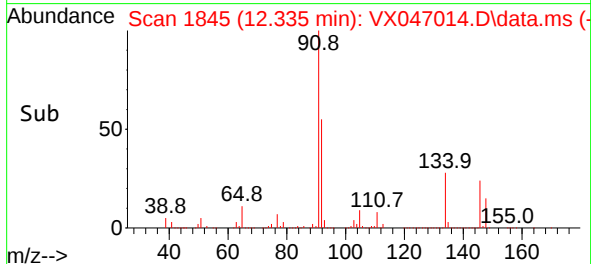
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 377348
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.1
148 63.8 31.6 95.0

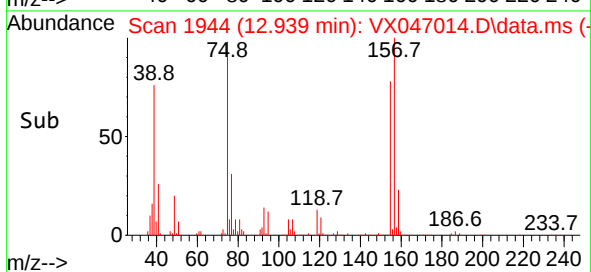
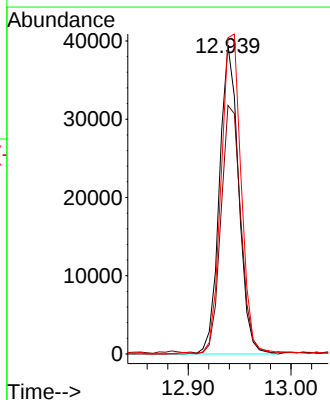
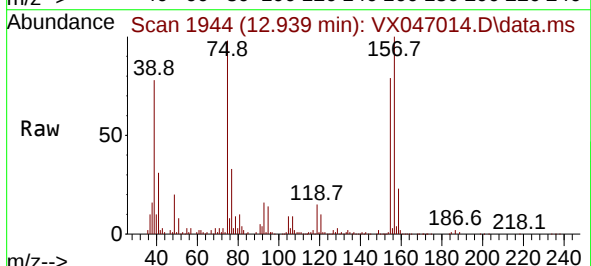
Manual Integrations
APPROVED

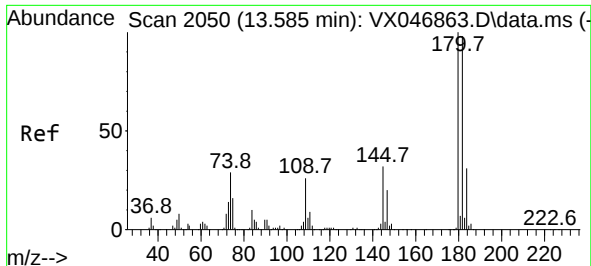
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 66.221 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

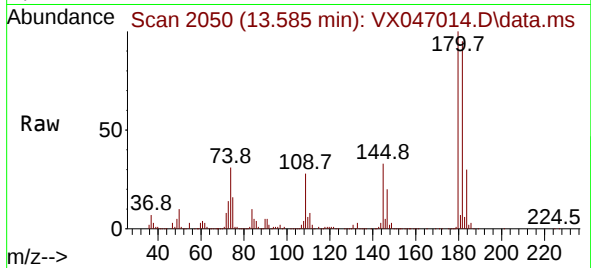
Tgt Ion: 75 Resp: 51131
Ion Ratio Lower Upper
75 100
155 83.2 43.1 129.4
157 108.4 56.5 169.5





#93
1,2,4-Trichlorobenzene
Concen: 51.825 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34

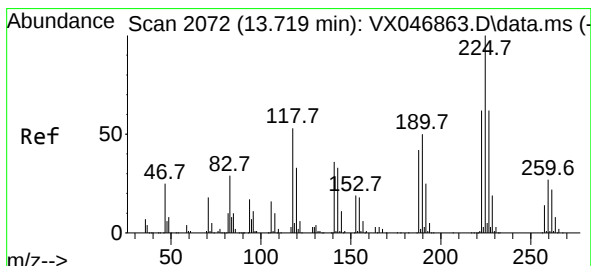
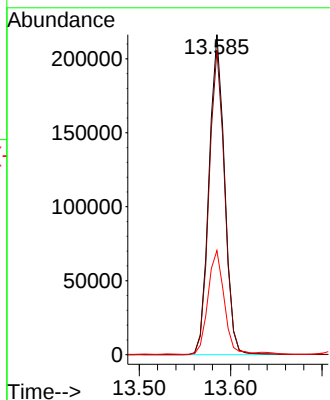
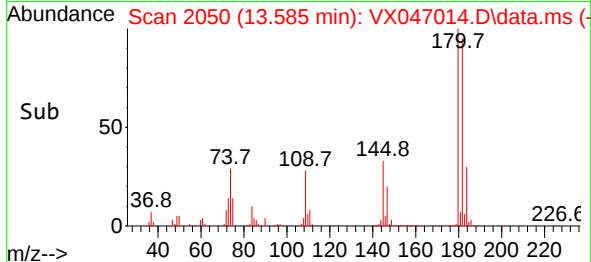
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



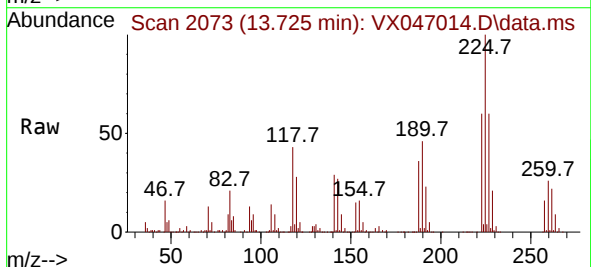
Tgt Ion:180 Resp: 255160
Ion Ratio Lower Upper
180 100
182 95.6 47.3 141.9
145 33.6 16.1 48.2

Manual Integrations
APPROVED

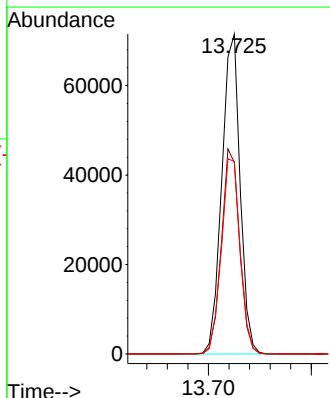
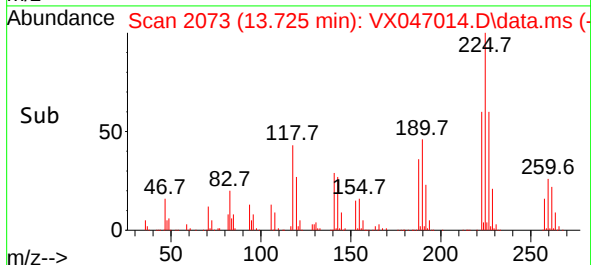
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

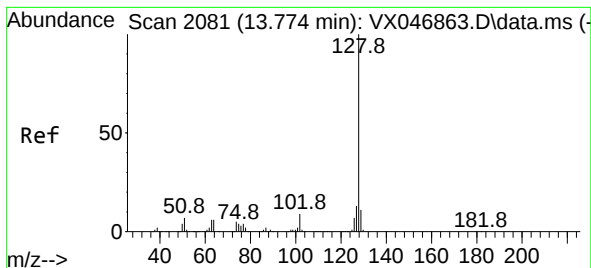


#94
Hexachlorobutadiene
Concen: 47.369 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX047014.D
Acq: 15 Jul 2025 19:34



Tgt Ion:225 Resp: 87956
Ion Ratio Lower Upper
225 100
223 63.6 31.6 94.7
227 62.8 31.6 94.7





#95

Naphthalene

Concen: 63.802 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 827778

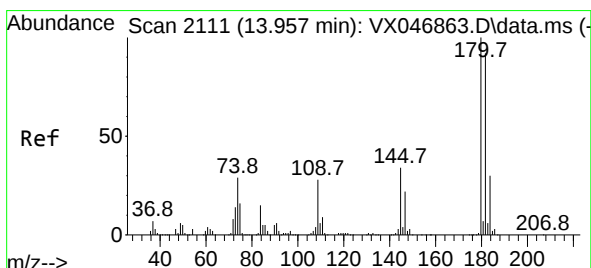
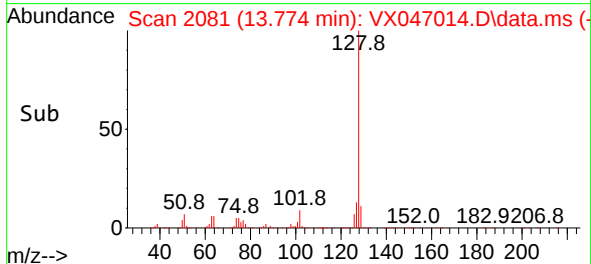
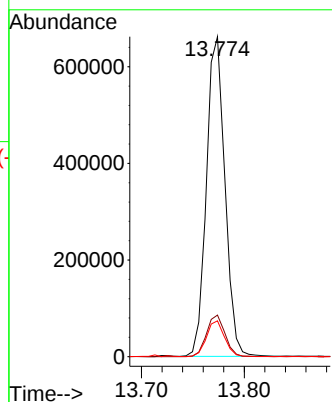
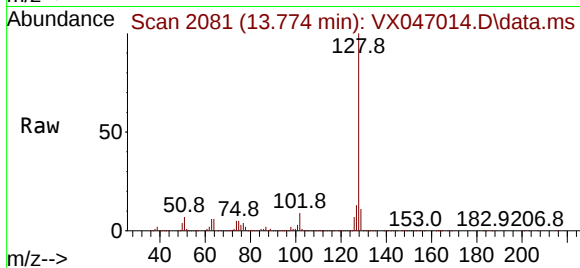
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 53.776 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX047014.D

Acq: 15 Jul 2025 19:34

Tgt Ion:180 Resp: 250174

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.7	140.1
145	36.2	16.8	50.3

