

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
 Data File : VX046253.D
 Acq On : 16 May 2025 19:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2025
 Supervised By : Mahesh Dadoda 05/19/2025

Quant Time: May 16 23:10:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	82596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	146723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80563	52.319	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.640%			
35) Dibromofluoromethane	5.385	113	56817	53.775	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.560%			
50) Toluene-d8	8.647	98	191233	52.294	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.580%			
62) 4-Bromofluorobenzene	11.079	95	76882	54.809	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67814	53.642	ug/l	98
3) Chloromethane	1.307	50	63121	51.488	ug/l	96
4) Vinyl Chloride	1.374	62	60761	53.253	ug/l	100
5) Bromomethane	1.593	94	24995	47.231	ug/l	99
6) Chloroethane	1.666	64	34927	57.342	ug/l	99
7) Trichlorofluoromethane	1.874	101	90355	53.583	ug/l	98
8) Diethyl Ether	2.136	74	30041	52.333	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	55307	53.000	ug/l	99
10) Methyl Iodide	2.441	142	70193	56.847	ug/l	100
11) Tert butyl alcohol	2.983	59	57219	264.720	ug/l	100
12) 1,1-Dichloroethene	2.306	96	51583	52.669	ug/l	99
13) Acrolein	2.239	56	71586	290.811	ug/l	97
14) Allyl chloride	2.654	41	102891	54.970	ug/l	96
15) Acrylonitrile	3.062	53	174881	282.950	ug/l	98
16) Acetone	2.386	43	165511	268.073	ug/l	99
17) Carbon Disulfide	2.502	76	112573	48.483	ug/l	100
18) Methyl Acetate	2.709	43	90325	63.045	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	189386	55.156	ug/l	100
20) Methylene Chloride	2.782	84	59801	50.544	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	53040	53.852	ug/l	98
22) Diisopropyl ether	3.763	45	202388	55.976	ug/l	92
23) Vinyl Acetate	3.721	43	888044	279.254	ug/l	99
24) 1,1-Dichloroethane	3.605	63	111313	55.275	ug/l	98
25) 2-Butanone	4.556	43	255376	284.908	ug/l	100
26) 2,2-Dichloropropane	4.471	77	68739	43.610	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	63957	53.941	ug/l	98
28) Bromochloromethane	4.891	49	51049	52.663	ug/l	99
29) Tetrahydrofuran	5.007	42	161067	286.763	ug/l	99
30) Chloroform	5.093	83	115471	55.012	ug/l	99
31) Cyclohexane	5.464	56	98746	53.809	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	98423	54.092	ug/l	99
36) 1,1-Dichloropropene	5.684	75	74762	52.664	ug/l	99
37) Ethyl Acetate	4.715	43	96594	55.074	ug/l	99
38) Carbon Tetrachloride	5.672	117	82707	51.853	ug/l	92
39) Methylcyclohexane	7.379	83	93170	50.979	ug/l	96
40) Benzene	6.031	78	223416	53.730	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	55436	60.421	ug/l	99
42) 1,2-Dichloroethane	6.080	62	95675	53.312	ug/l	100
43) Isopropyl Acetate	6.342	43	151373	56.573	ug/l	99
44) Trichloroethene	7.123	130	52437	52.396	ug/l	97
45) 1,2-Dichloropropane	7.427	63	57490	55.603	ug/l	100
46) Dibromomethane	7.580	93	43675	53.557	ug/l	99
47) Bromodichloromethane	7.818	83	89037	55.435	ug/l	99
48) Methyl methacrylate	7.690	41	79848	58.433	ug/l	99
49) 1,4-Dioxane	7.659	88	28388	1094.114	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	513350	289.034	ug/l	99
52) Toluene	8.714	92	138100	54.163	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	76570	53.635	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	84943	53.834	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	55307	55.012	ug/l	98
56) Ethyl methacrylate	9.116	69	94587	59.031	ug/l	98
57) 1,3-Dichloropropane	9.305	76	98152	54.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	222416	272.273	ug/l	100
59) 2-Hexanone	9.427	43	378406	287.978	ug/l	100
60) Dibromochloromethane	9.519	129	62471	56.581	ug/l	98
61) 1,2-Dibromoethane	9.610	107	57330	54.865	ug/l	96
64) Tetrachloroethene	9.269	164	47404	51.461	ug/l	96
65) Chlorobenzene	10.079	112	149379	52.421	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	51623	53.053	ug/l	99
67) Ethyl Benzene	10.189	91	273012	54.351	ug/l	99
68) m/p-Xylenes	10.299	106	200455	109.111	ug/l	99
69) o-Xylene	10.640	106	98676	55.094	ug/l	97
70) Styrene	10.652	104	166810	56.855	ug/l	99
71) Bromoform	10.799	173	39077	53.490	ug/l #	96
73) Isopropylbenzene	10.957	105	266995	55.961	ug/l	100
74) N-amyl acetate	10.841	43	134276	56.955	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	88347	52.841	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	76705m	51.999	ug/l	
77) Bromobenzene	11.195	156	59734	53.928	ug/l	99
78) n-propylbenzene	11.305	91	310139	55.906	ug/l	100
79) 2-Chlorotoluene	11.360	91	191700	53.575	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	224429	56.306	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22264	49.138	ug/l	99
82) 4-Chlorotoluene	11.451	91	219564	55.333	ug/l	100
83) tert-Butylbenzene	11.713	119	219681	54.716	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	223822	55.450	ug/l	99
85) sec-Butylbenzene	11.890	105	275721	55.931	ug/l	99
86) p-Isopropyltoluene	12.006	119	229299	56.352	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	108802	53.822	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	107398	52.021	ug/l	98
89) n-Butylbenzene	12.329	91	198079	55.496	ug/l	99
90) Hexachloroethane	12.536	117	38052	53.080	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	108170	53.323	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20363	54.977	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	62883	53.971	ug/l	98
94) Hexachlorobutadiene	13.725	225	26438	51.955	ug/l	97
95) Naphthalene	13.774	128	236113	55.253	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63729	53.009	ug/l	98

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

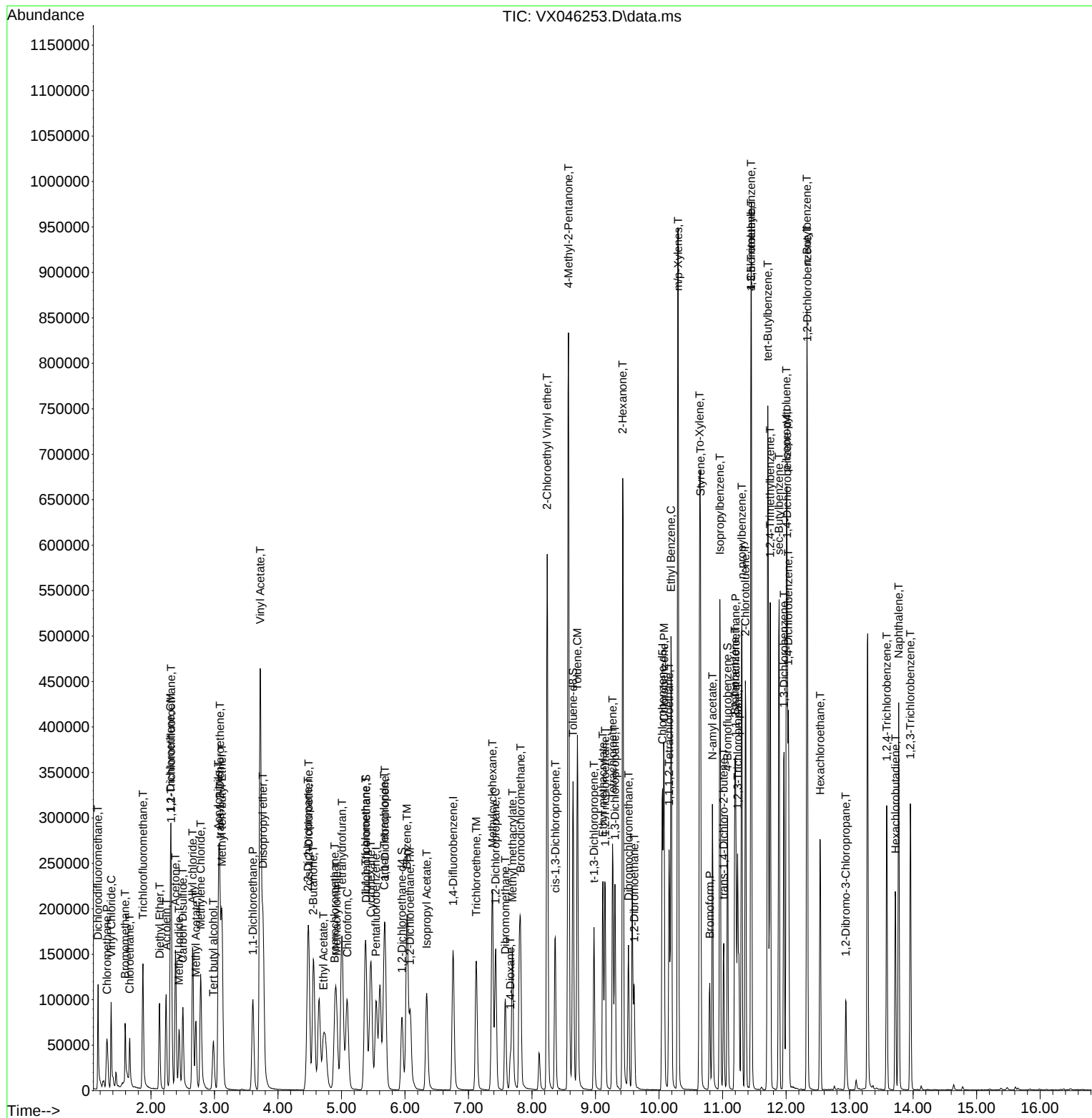
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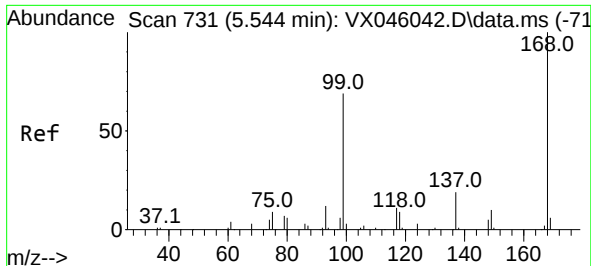
Instrument :
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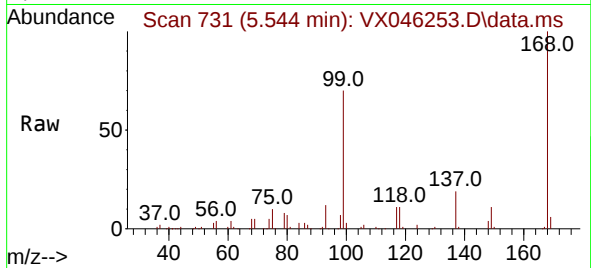
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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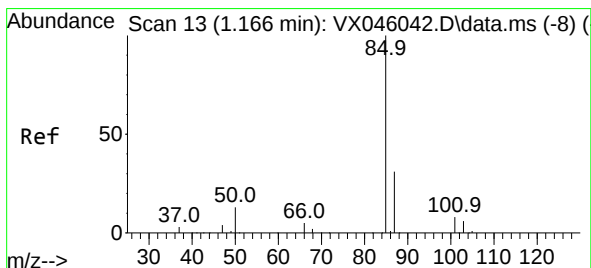
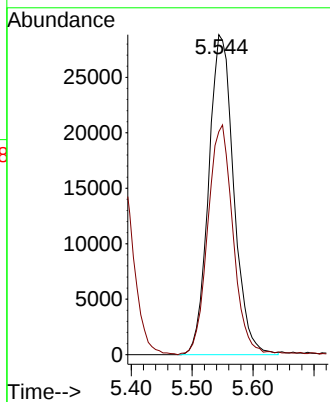
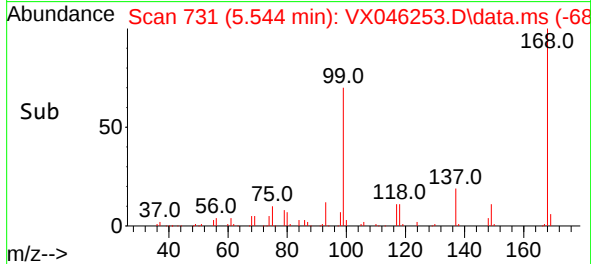
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 82590
Ion Ratio Lower Upper
168 100
99 69.7 54.9 82.3

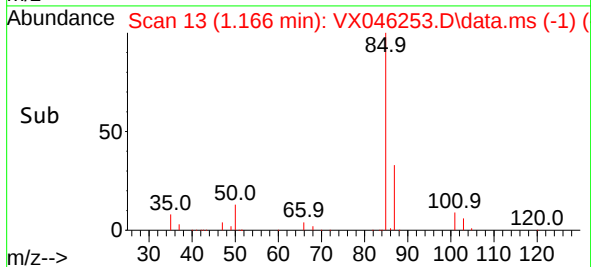
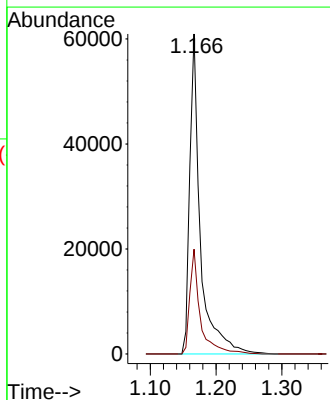
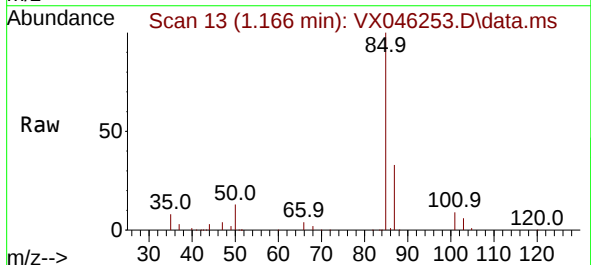
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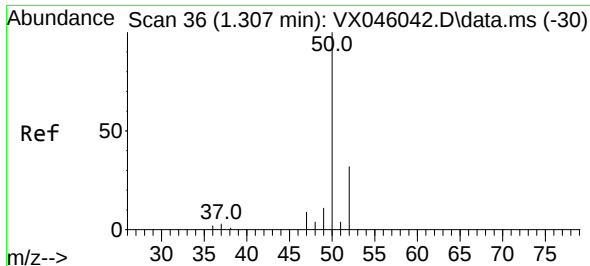
Reviewed By :John Carlone 05/19/2025
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#2
Dichlorodifluoromethane
Concen: 53.642 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

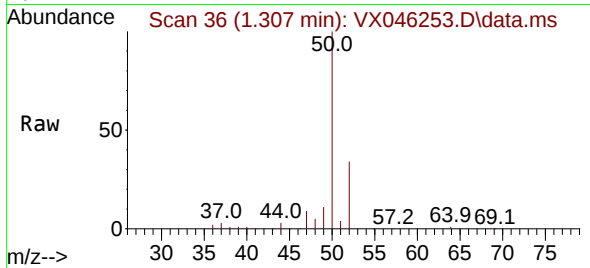
Tgt Ion: 85 Resp: 67814
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.1





#3
Chloromethane
Concen: 51.488 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

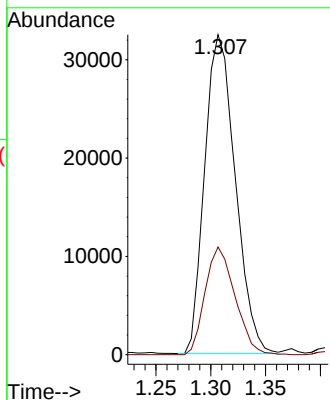
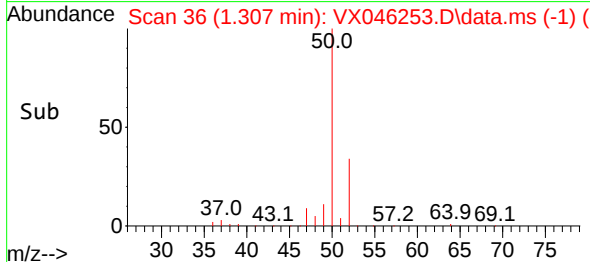
Instrument :
MSVOA_X
ClientSampleId :
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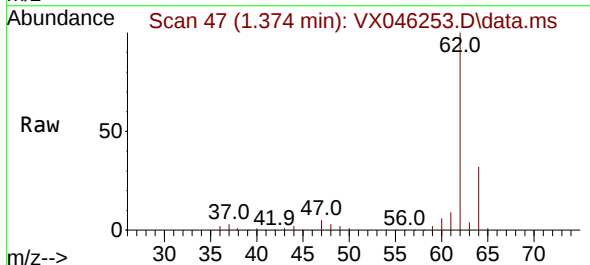
Tgt Ion: 50 Resp: 6312
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2

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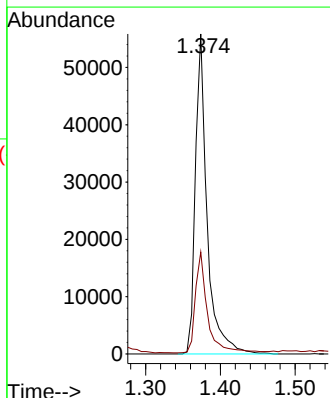
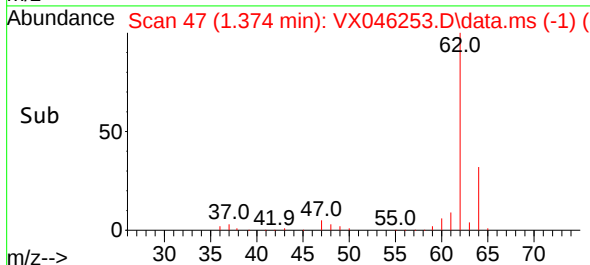
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#4
Vinyl Chloride
Concen: 53.253 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12



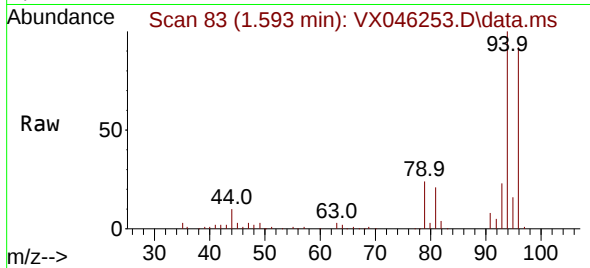
Tgt Ion: 62 Resp: 60761
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5
Bromomethane
Concen: 47.231 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

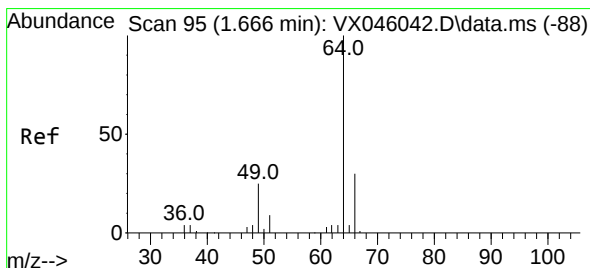
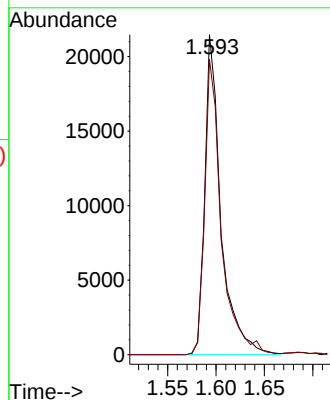
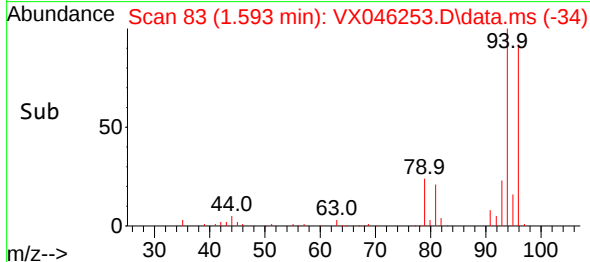
Instrument :
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Tgt Ion: 94 Resp: 2499
Ion Ratio Lower Upper
94 100
96 92.3 72.8 109.2

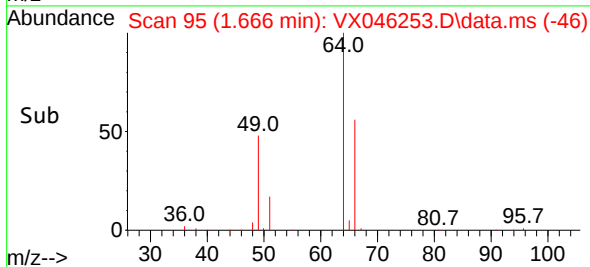
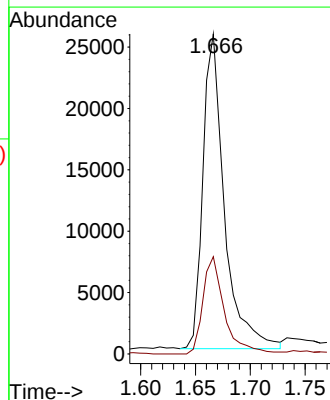
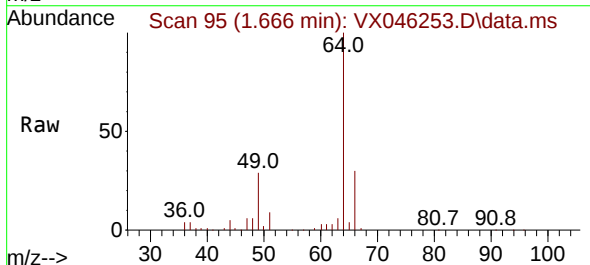
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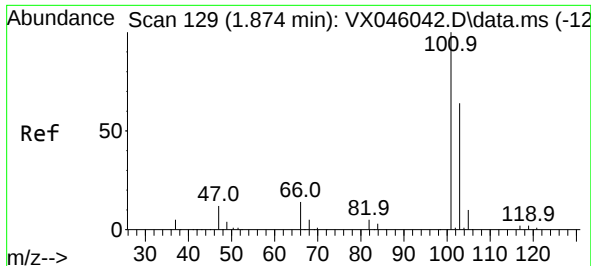
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#6
Chloroethane
Concen: 57.342 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

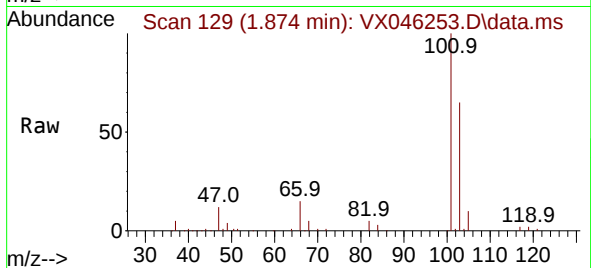
Tgt Ion: 64 Resp: 34927
Ion Ratio Lower Upper
64 100
66 30.9 24.3 36.5





#7
Trichlorofluoromethane
Concen: 53.583 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

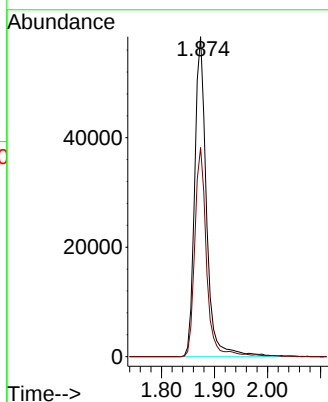
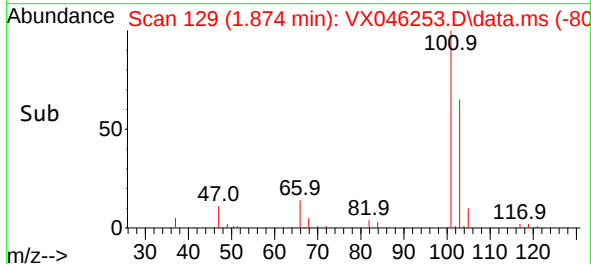
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 9035
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.4

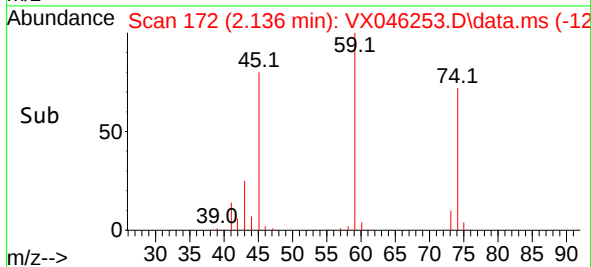
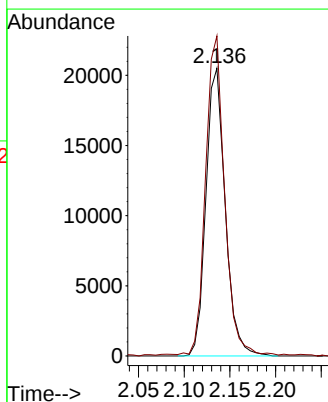
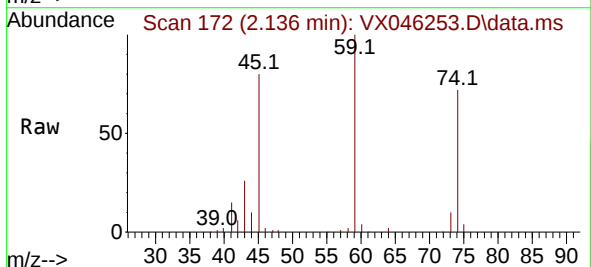
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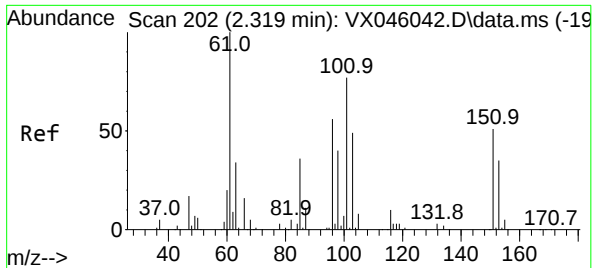
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#8
Diethyl Ether
Concen: 52.333 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Tgt Ion: 74 Resp: 30041
Ion Ratio Lower Upper
74 100
45 109.3 54.9 164.8





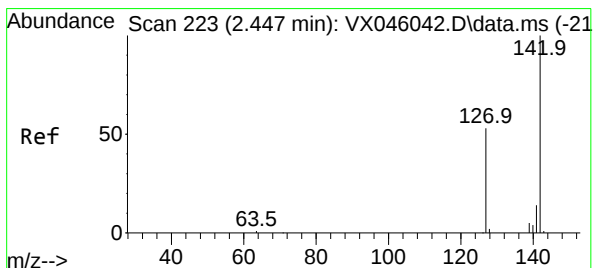
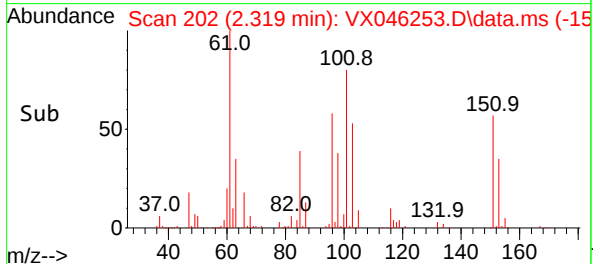
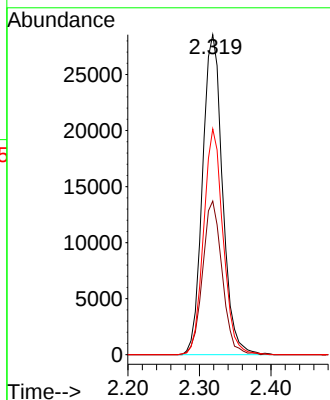
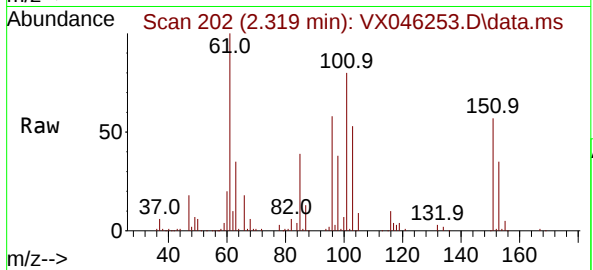
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.000 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5530
Ion Ratio Lower Upper
101 100
85 47.2 38.6 58.0
151 69.0 55.2 82.8

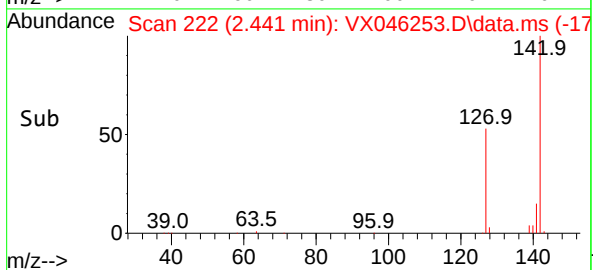
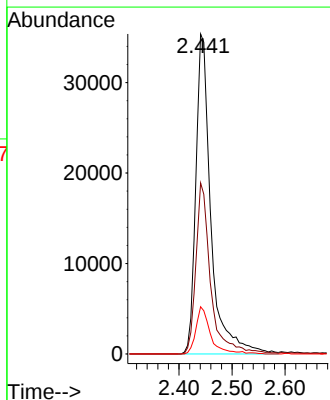
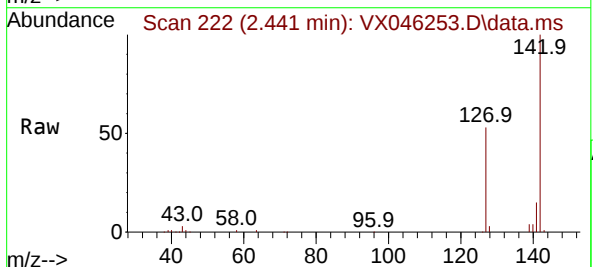
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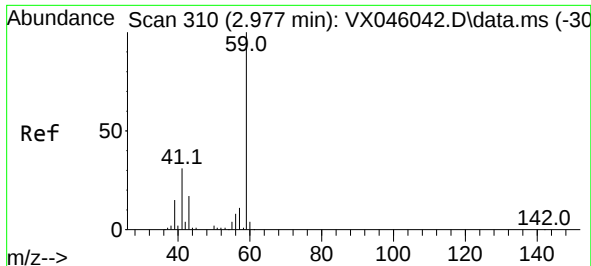
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#10
Methyl Iodide
Concen: 56.847 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Tgt Ion:142 Resp: 70193
Ion Ratio Lower Upper
142 100
127 52.4 41.7 62.5
141 14.3 11.5 17.3





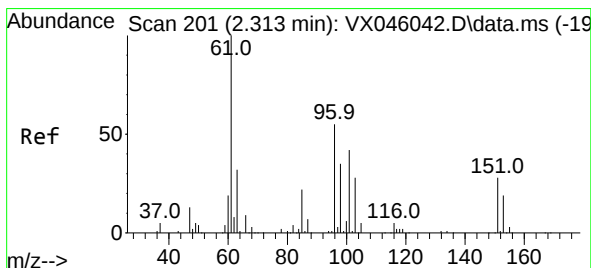
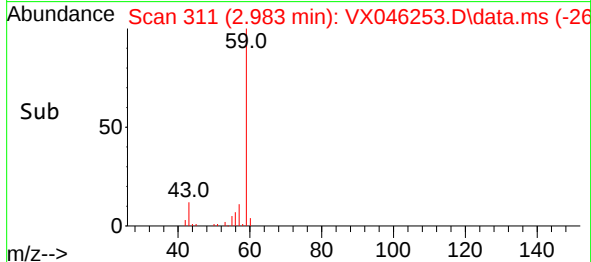
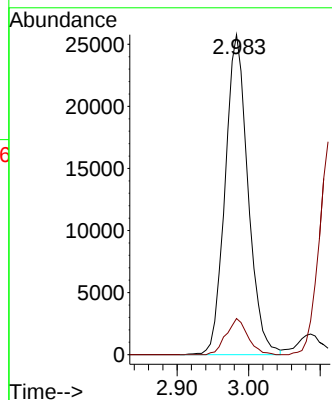
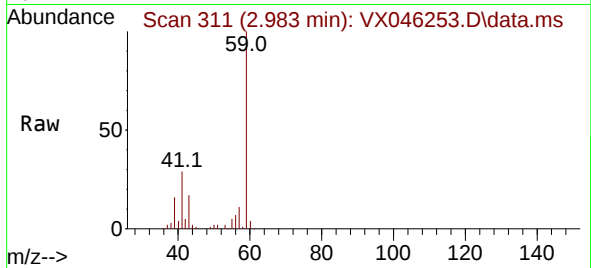
#11
Tert butyl alcohol
Concen: 264.720 ug/l
RT: 2.983 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 57219
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

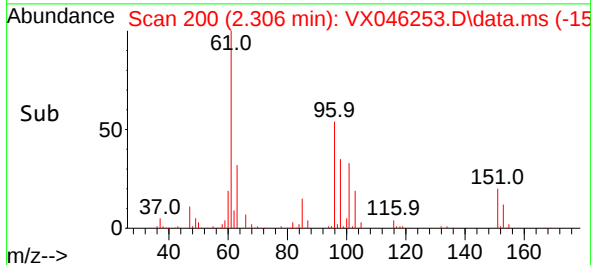
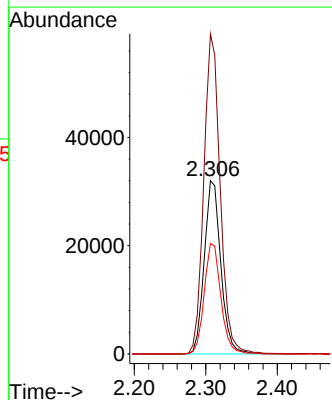
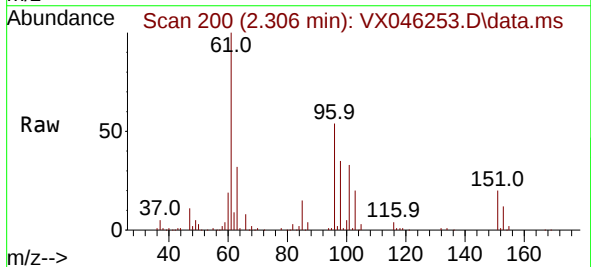
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Supervised By :Mahesh Dadoda 05/19/2025



#12
1,1-Dichloroethene
Concen: 52.669 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

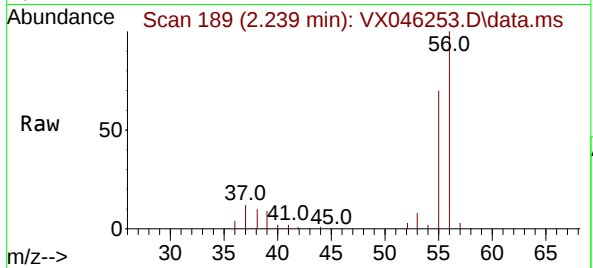
Tgt Ion: 96 Resp: 51583
Ion Ratio Lower Upper
96 100
61 184.7 146.2 219.2
98 63.8 51.0 76.6





#13
Acrolein
Concen: 290.811 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

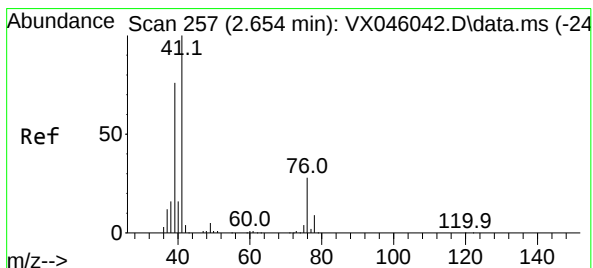
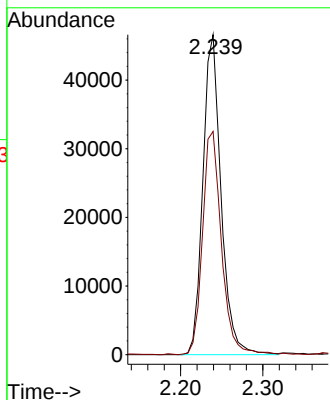
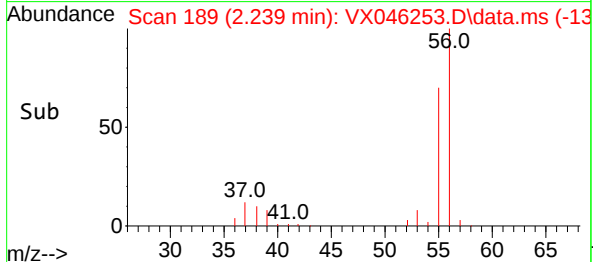
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 71580
Ion Ratio Lower Upper
56 100
55 72.6 56.2 84.4

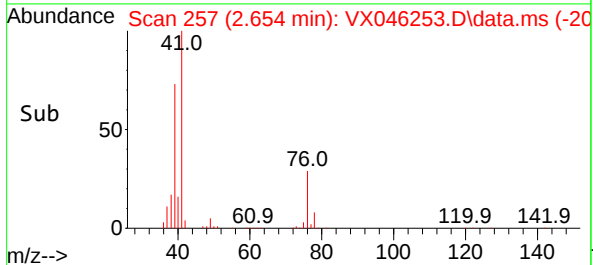
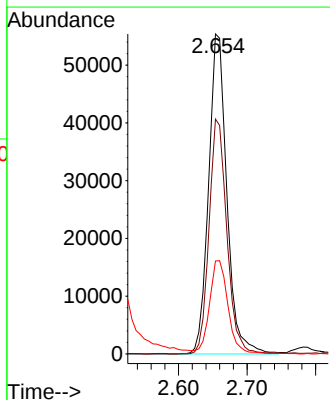
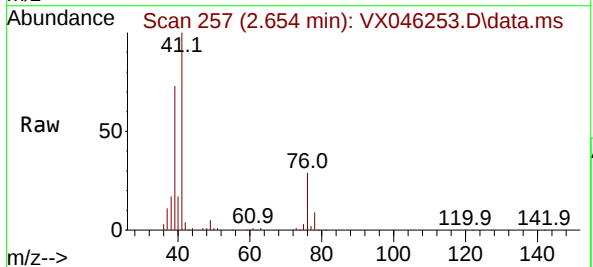
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Supervised By :Mahesh Dadoda 05/19/2025



#14
Allyl chloride
Concen: 54.970 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

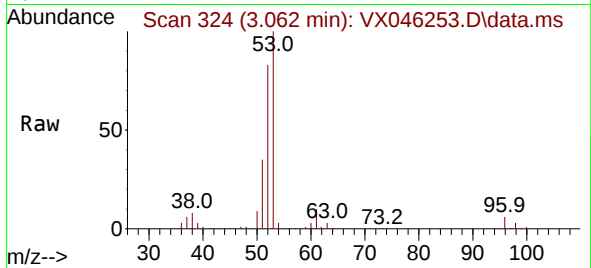
Tgt Ion: 41 Resp: 102891
Ion Ratio Lower Upper
41 100
39 71.7 60.6 90.8
76 29.2 24.9 37.3





#15
Acrylonitrile
Concen: 282.950 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

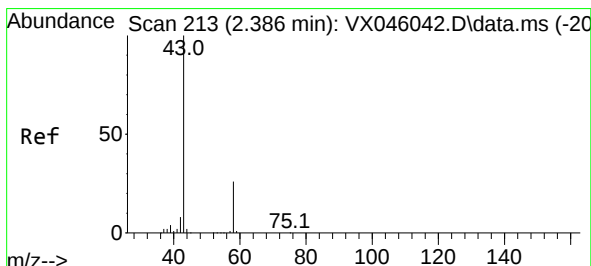
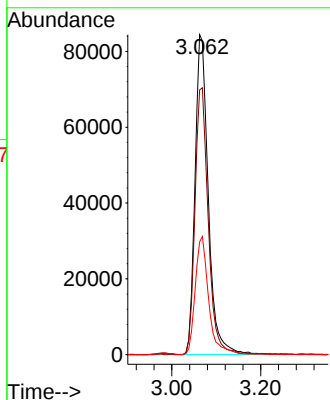
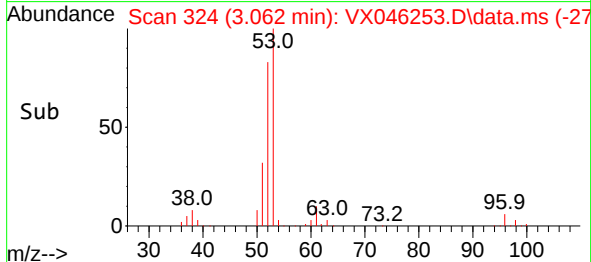
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 17488
Ion Ratio Lower Upper
53 100
52 83.7 65.3 97.9
51 37.9 29.8 44.8

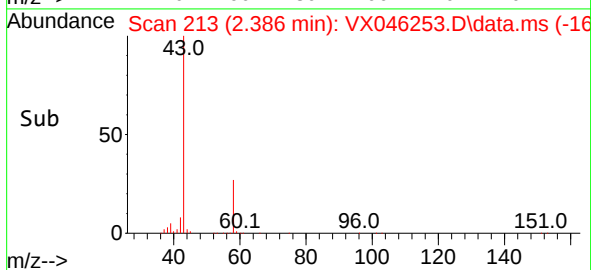
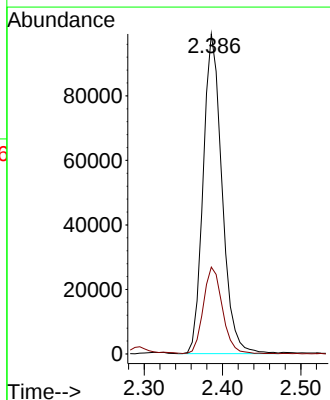
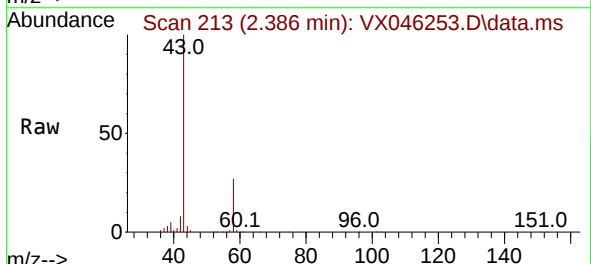
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Supervised By :Mahesh Dadoda 05/19/2025



#16
Acetone
Concen: 268.073 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Tgt Ion: 43 Resp: 165511
Ion Ratio Lower Upper
43 100
58 27.1 21.2 31.8





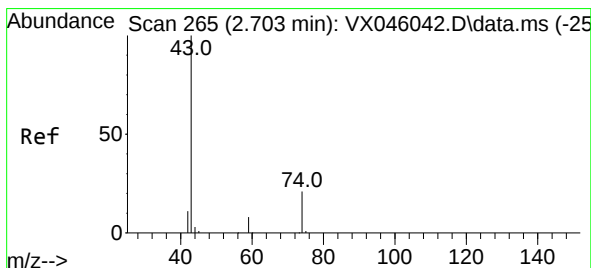
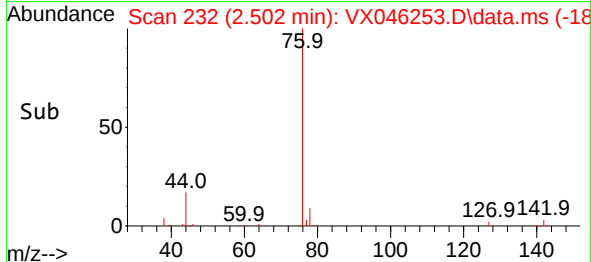
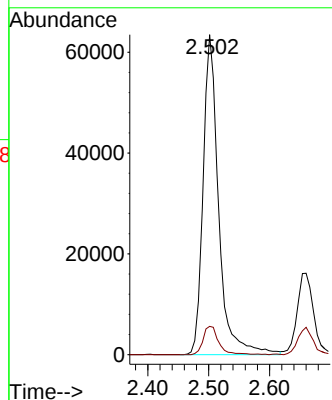
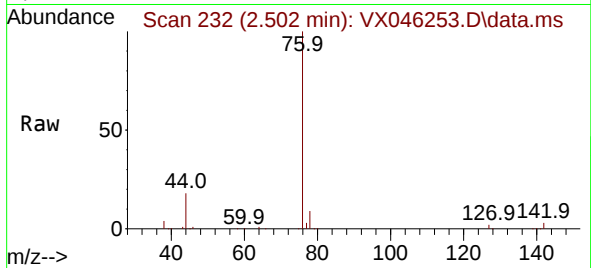
#17
Carbon Disulfide
Concen: 48.483 ug/l
RT: 2.502 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 11257
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

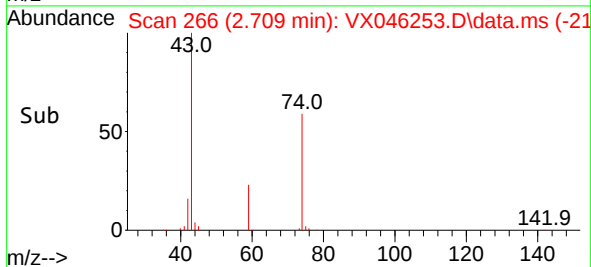
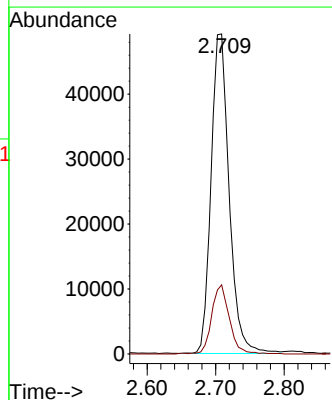
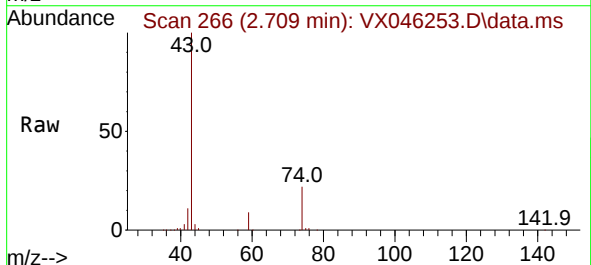
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Supervised By :Mahesh Dadoda 05/19/2025



#18
Methyl Acetate
Concen: 63.045 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Tgt Ion: 43 Resp: 90325
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1





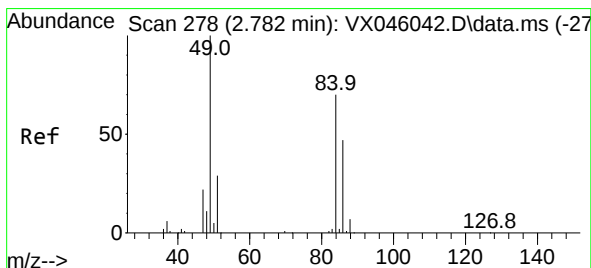
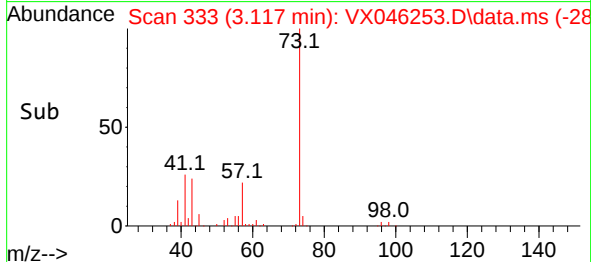
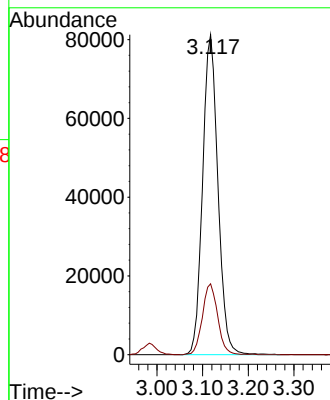
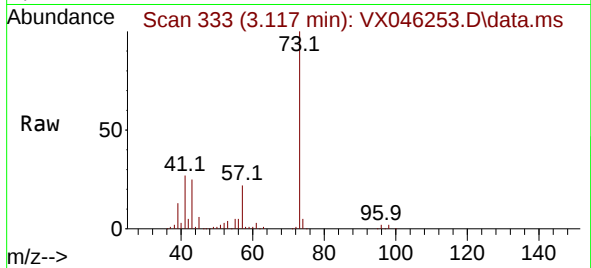
#19
Methyl tert-butyl Ether
Concen: 55.156 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 189380
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

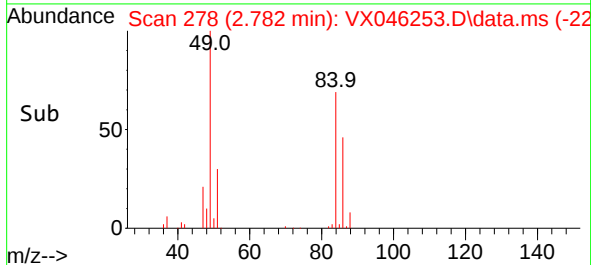
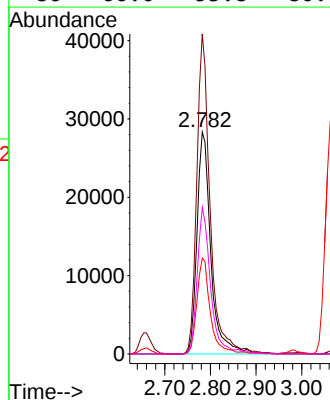
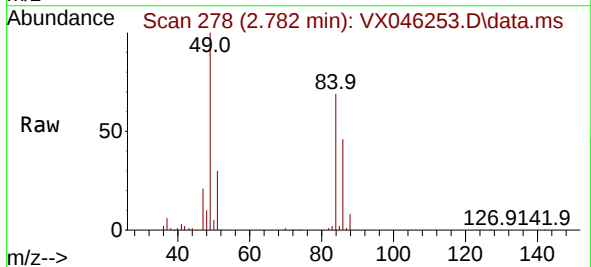
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#20
Methylene Chloride
Concen: 50.544 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Tgt Ion: 84 Resp: 59801
Ion Ratio Lower Upper
84 100
49 144.2 113.9 170.9
51 43.2 33.5 50.3
86 66.0 53.8 80.8





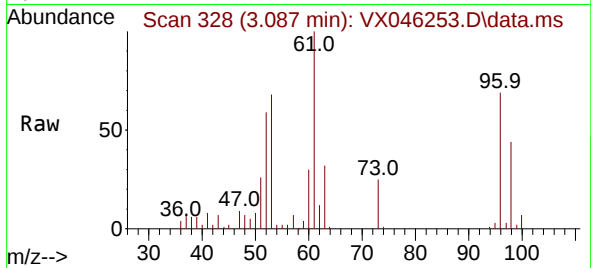
#21
trans-1,2-Dichloroethene
Concen: 53.852 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

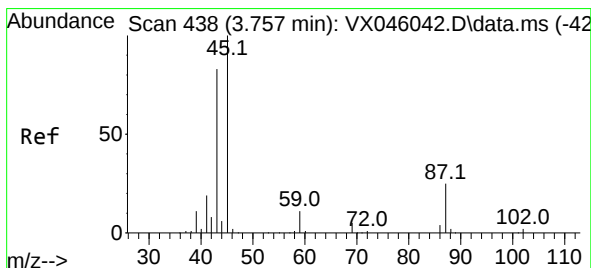
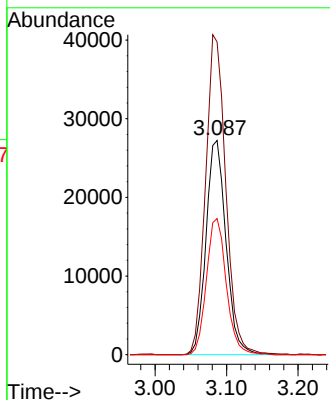
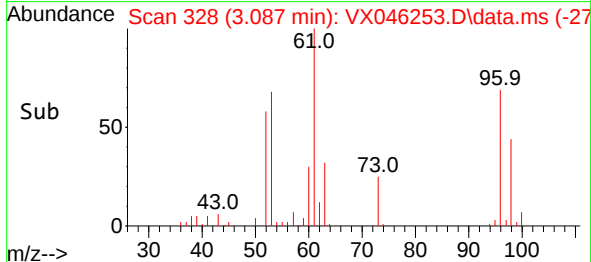


Tgt Ion: 96 Resp: 53040
Ion Ratio Lower Upper
96 100
61 146.0 119.5 179.3
98 63.5 50.0 75.0

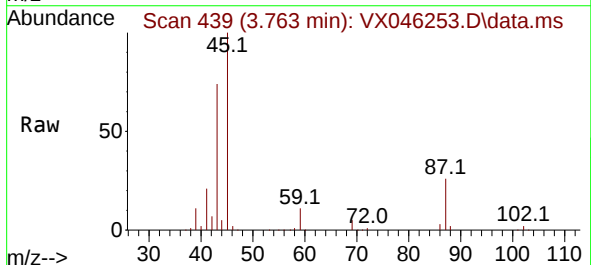
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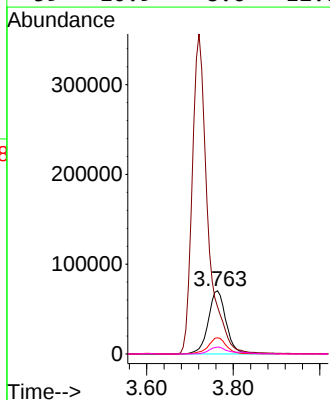
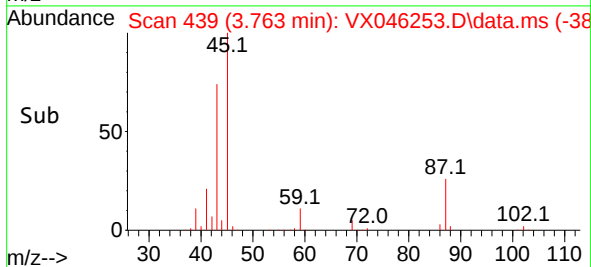
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

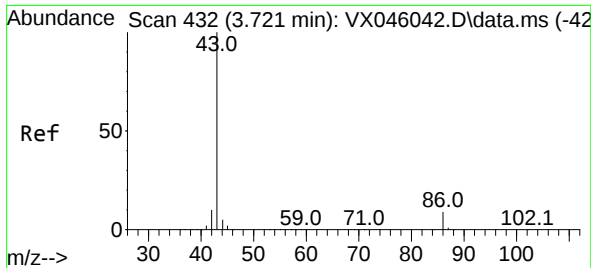


#22
Diisopropyl ether
Concen: 55.976 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12



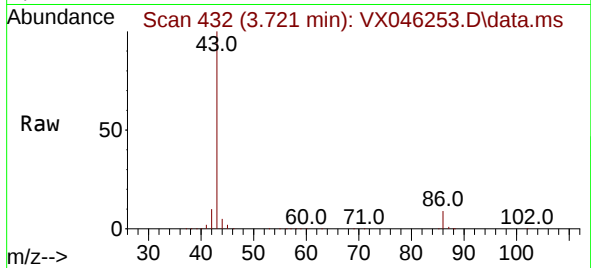
Tgt Ion: 45 Resp: 202388
Ion Ratio Lower Upper
45 100
43 74.2 66.6 100.0
87 25.7 19.8 29.6
59 10.9 8.6 12.8





#23
 Vinyl Acetate
 Concen: 279.254 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046253.D
 Acq: 16 May 2025 19:12

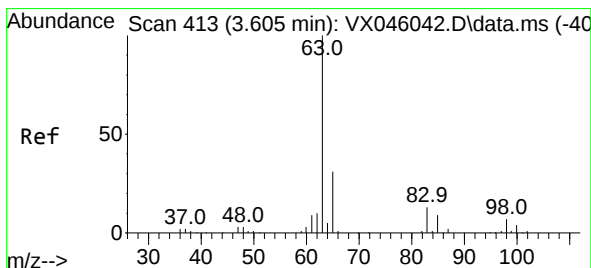
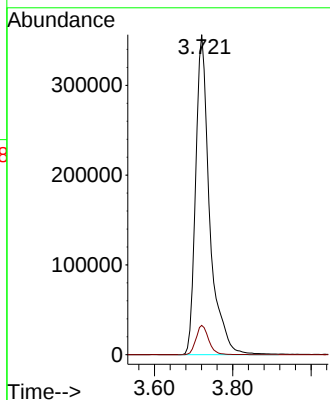
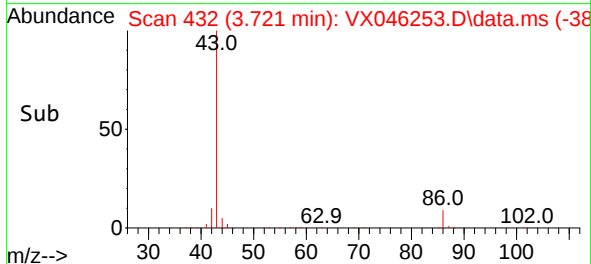
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



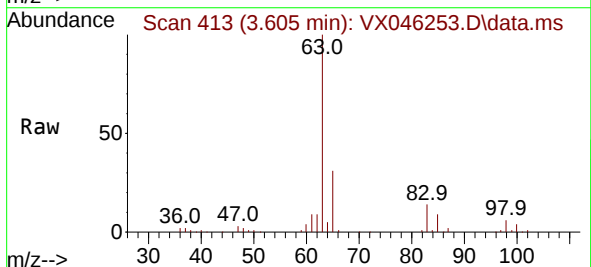
Tgt Ion: 43 Resp: 888044
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3

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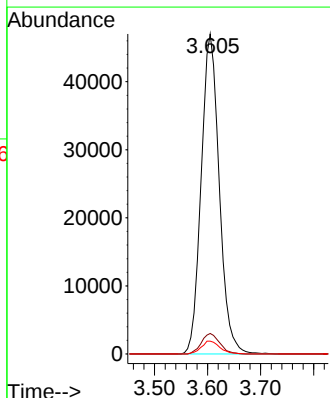
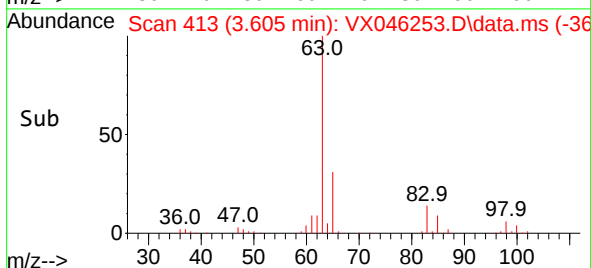
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025

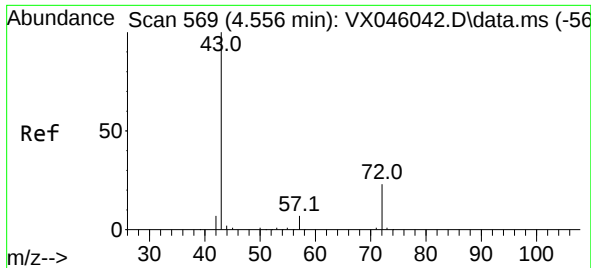


#24
 1,1-Dichloroethane
 Concen: 55.275 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046253.D
 Acq: 16 May 2025 19:12



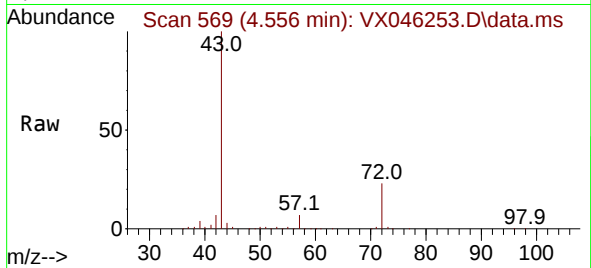
Tgt Ion: 63 Resp: 111313
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.0 2.1 6.3





#25
2-Butanone
Concen: 284.908 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

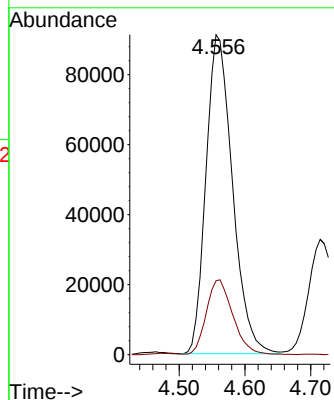
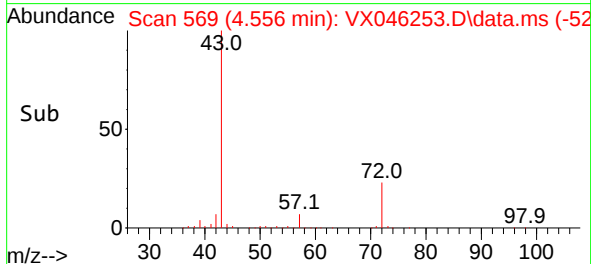
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 255370
Ion Ratio Lower Upper
43 100
72 23.0 18.4 27.6

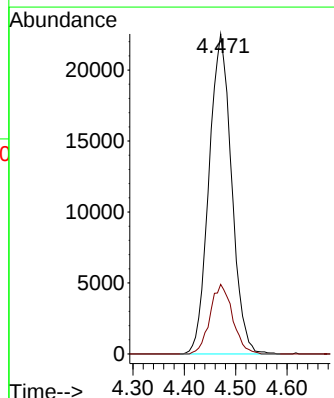
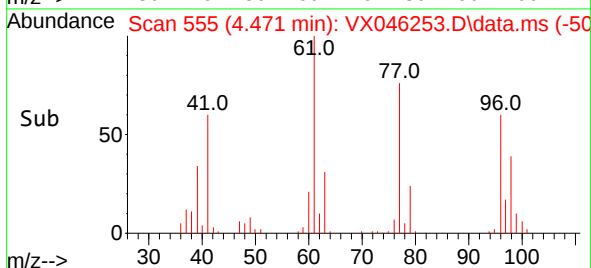
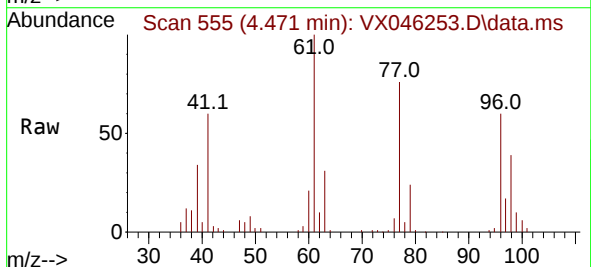
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#26
2,2-Dichloropropane
Concen: 43.610 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Tgt Ion: 77 Resp: 68739
Ion Ratio Lower Upper
77 100
97 21.7 10.5 31.5





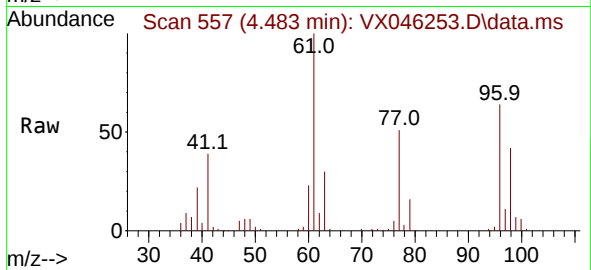
#27
 cis-1,2-Dichloroethene
 Concen: 53.941 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX046253.D
 Acq: 16 May 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



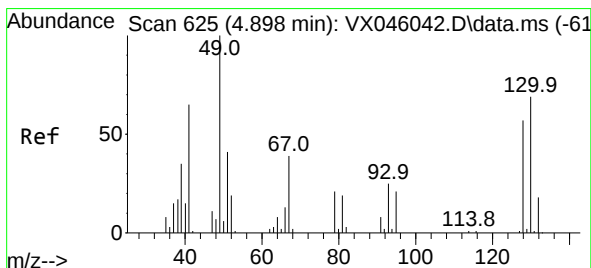
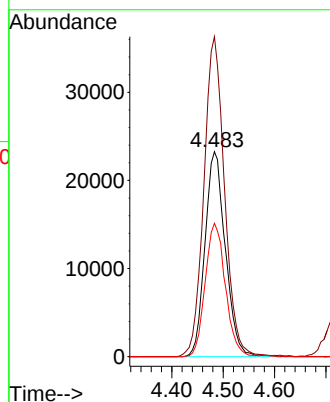
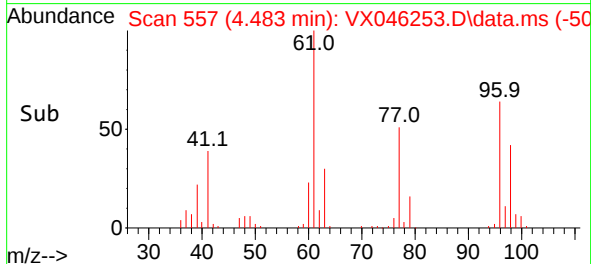
Tgt Ion: 96 Resp: 6395
 Ion Ratio Lower Upper
 96 100
 61 158.6 0.0 322.8
 98 64.6 0.0 129.0

Manual Integrations

APPROVED

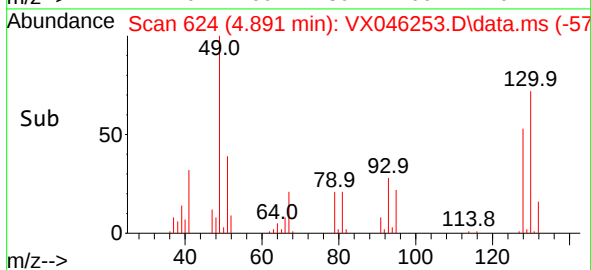
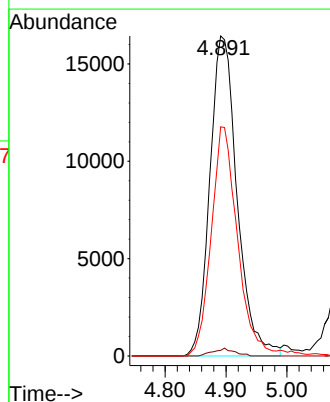
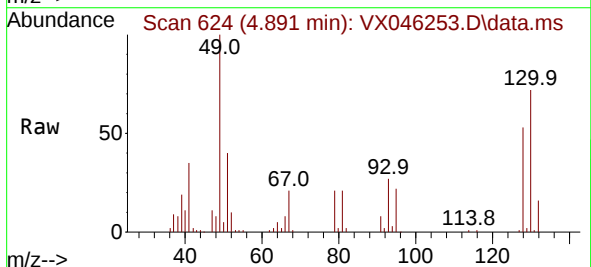
Reviewed By :John Carlone 05/19/2025

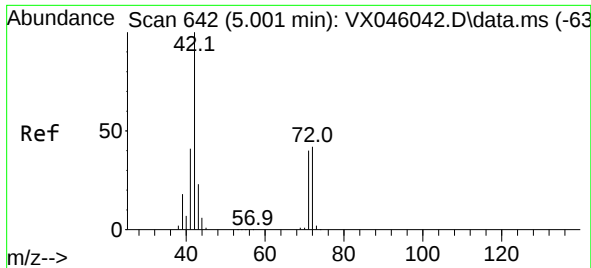
Supervised By :Mahesh Dadoda 05/19/2025



#28
 Bromochloromethane
 Concen: 52.663 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX046253.D
 Acq: 16 May 2025 19:12

Tgt Ion: 49 Resp: 51049
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 69.8 56.2 84.2





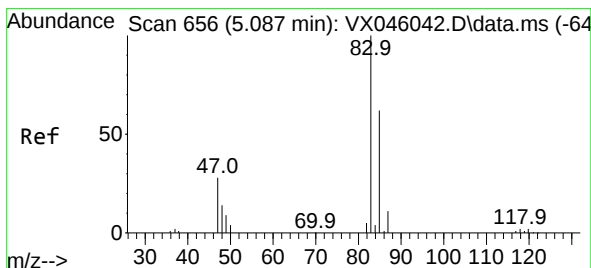
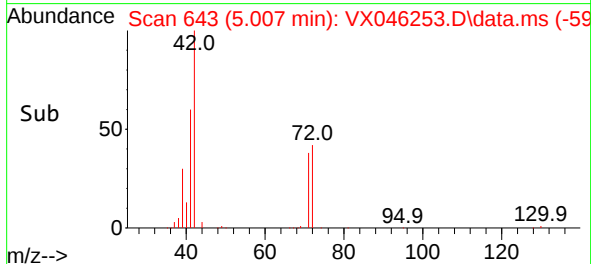
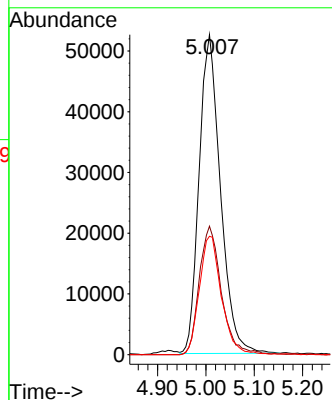
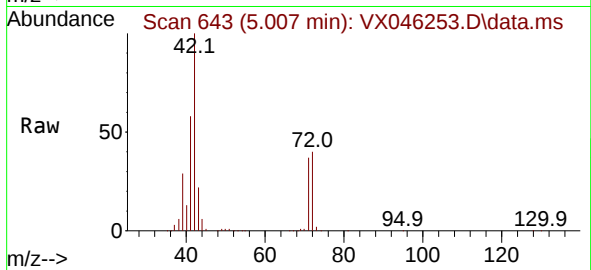
#29
Tetrahydrofuran
Concen: 286.763 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 16106
Ion Ratio Lower Upper
42 100
72 41.6 33.7 50.5
71 38.4 31.4 47.2

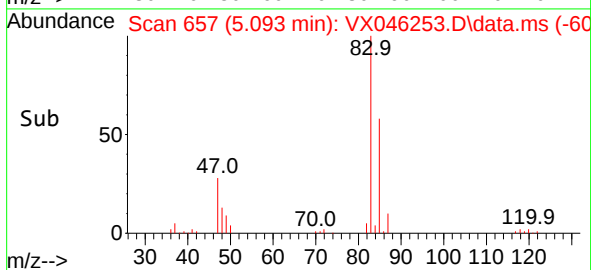
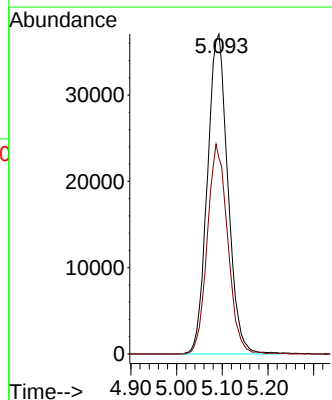
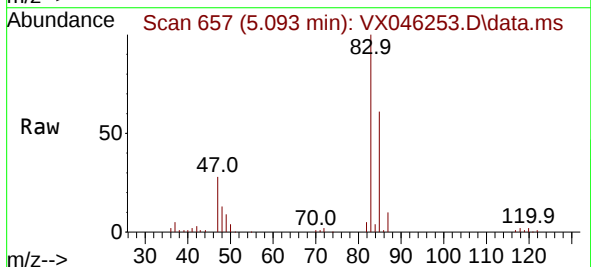
Manual Integrations
APPROVED

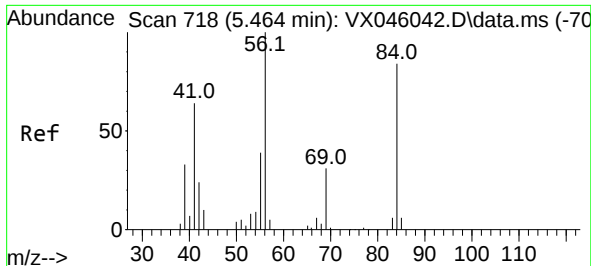
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#30
Chloroform
Concen: 55.012 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

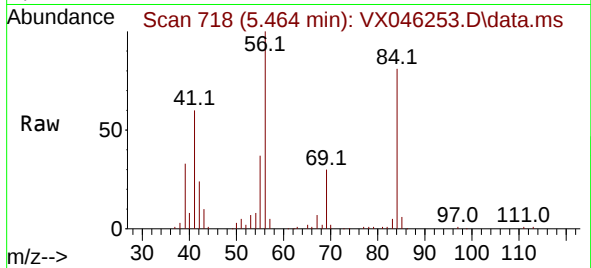
Tgt Ion: 83 Resp: 115471
Ion Ratio Lower Upper
83 100
85 61.2 49.3 73.9





#31
Cyclohexane
Concen: 53.809 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

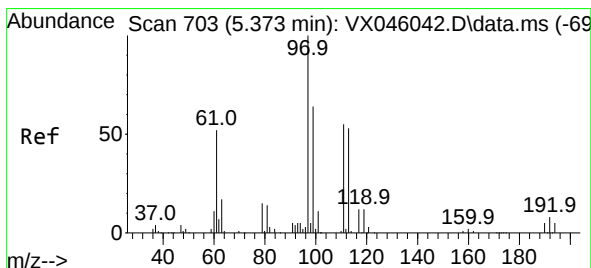
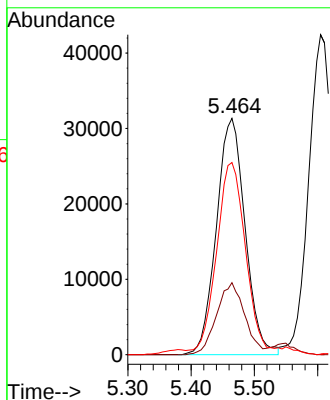
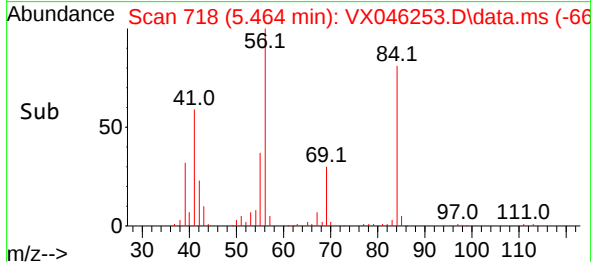
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 98740
Ion Ratio Lower Upper
56 100
69 30.5 24.4 36.6
84 79.2 66.9 100.3

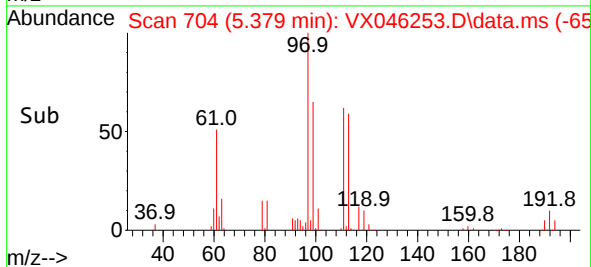
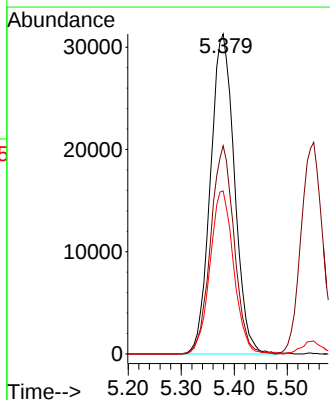
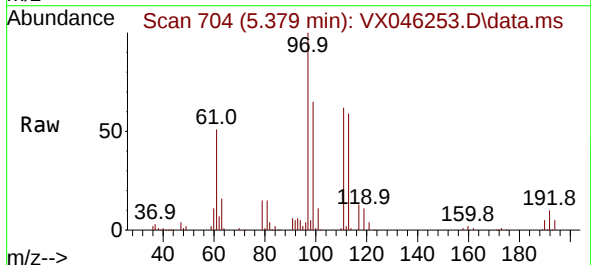
Manual Integrations
APPROVED

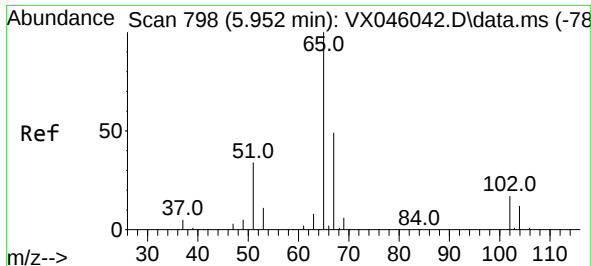
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#32
1,1,1-Trichloroethane
Concen: 54.092 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Tgt Ion: 97 Resp: 98423
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 50.5 40.1 60.1





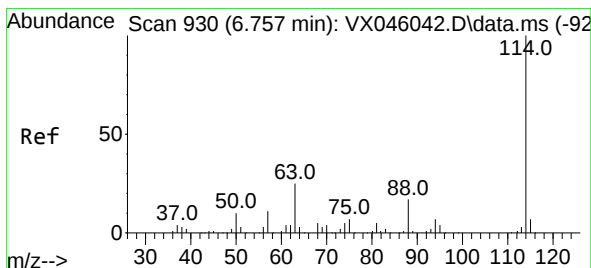
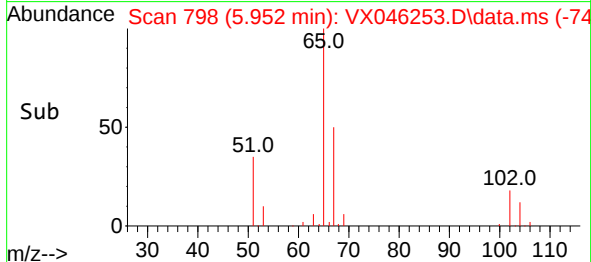
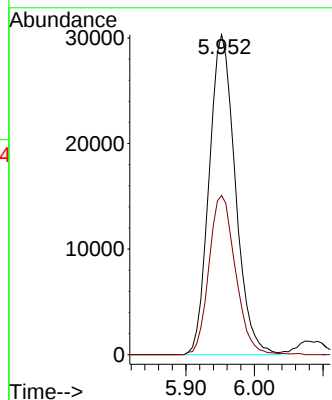
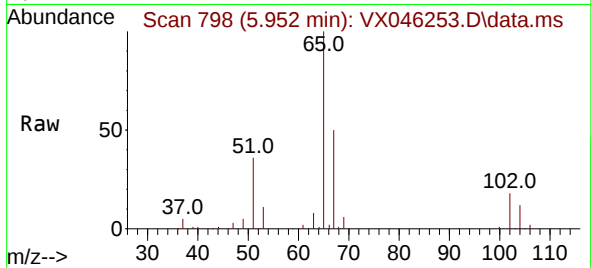
#33
 1,2-Dichloroethane-d4
 Concen: 52.319 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046253.D
 Acq: 16 May 2025 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 8056
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.0

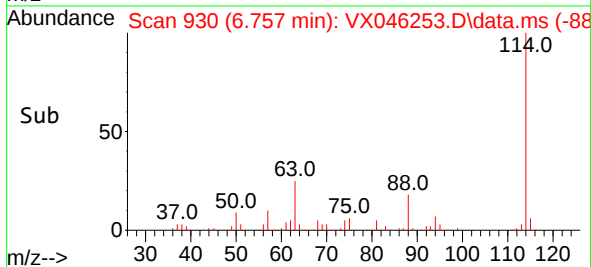
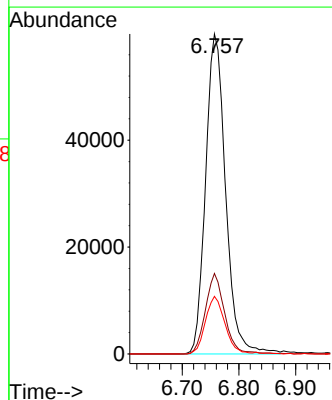
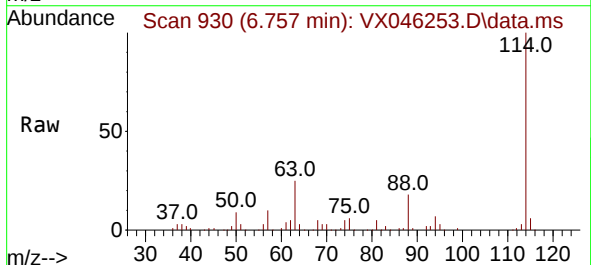
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046253.D
 Acq: 16 May 2025 19:12

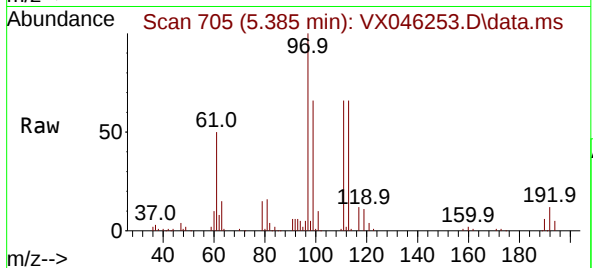
Tgt Ion:114 Resp: 146723
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 18.0 0.0 33.6





#35
Dibromofluoromethane
Concen: 53.775 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

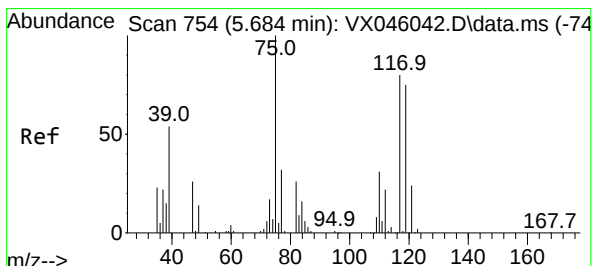
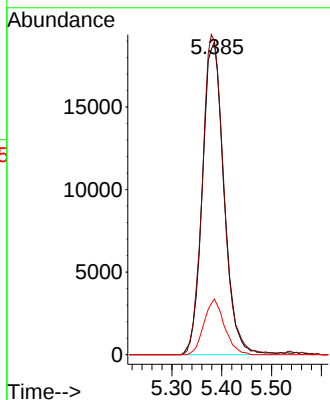
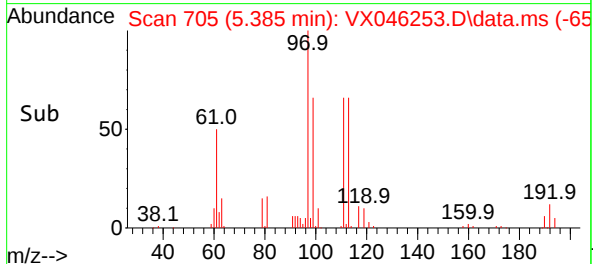
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 5681
Ion Ratio Lower Upper
113 100
111 101.8 83.1 124.7
192 16.8 13.3 19.9

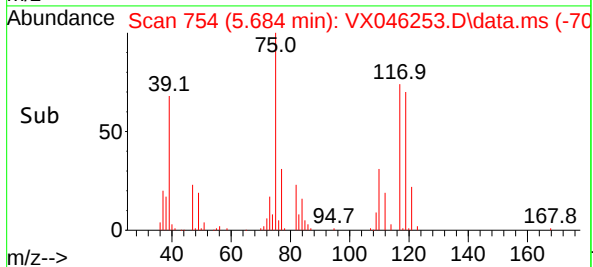
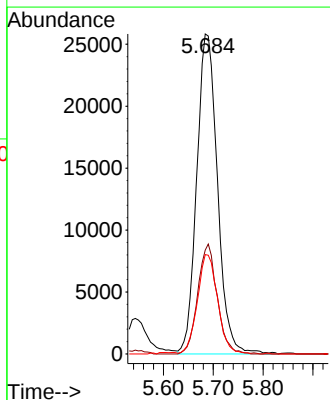
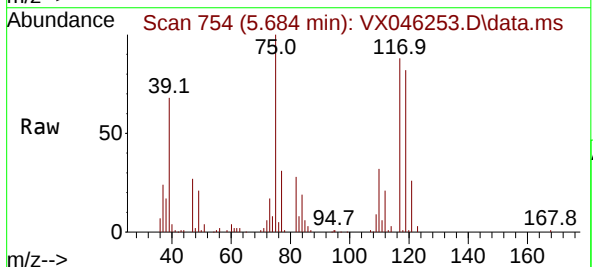
Manual Integrations
APPROVED

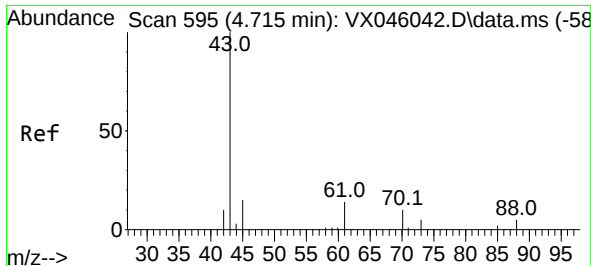
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#36
1,1-Dichloropropene
Concen: 52.664 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

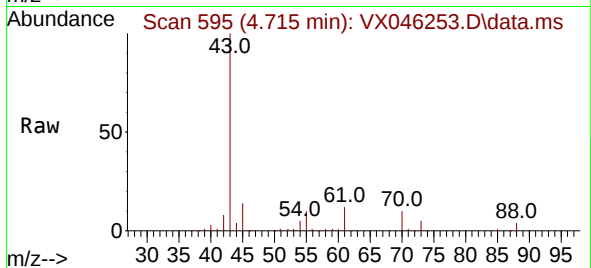
Tgt Ion: 75 Resp: 74762
Ion Ratio Lower Upper
75 100
110 32.1 16.3 48.9
77 30.3 24.3 36.5





#37
Ethyl Acetate
Concen: 55.074 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

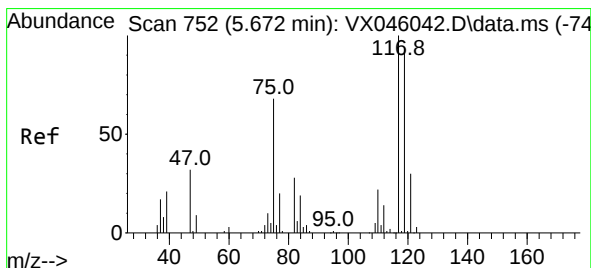
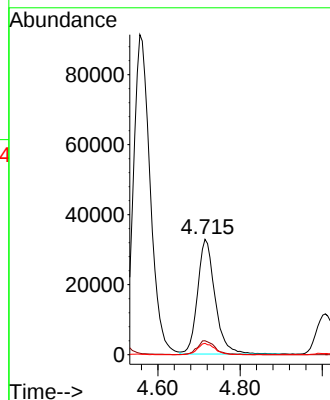
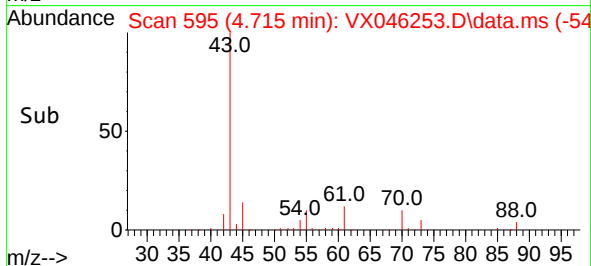
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 96594
Ion Ratio Lower Upper
43 100
61 12.4 10.3 15.5
70 9.7 7.9 11.9

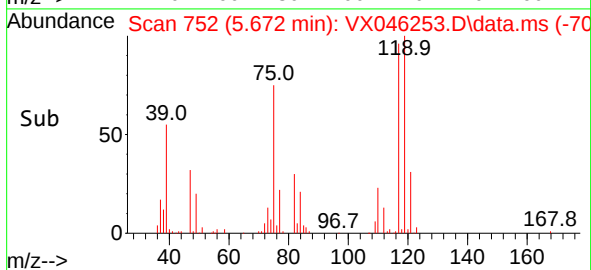
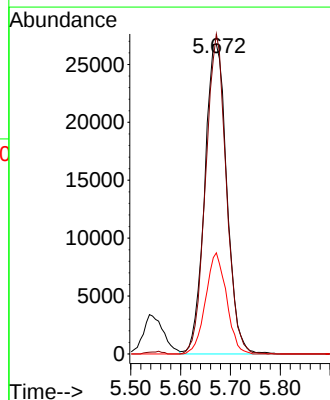
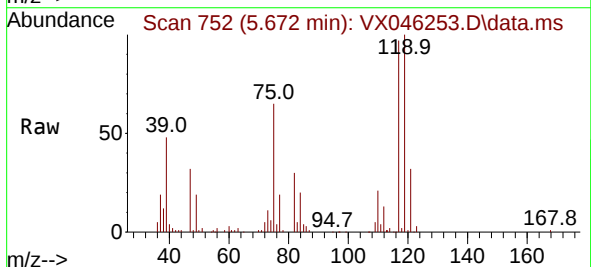
Manual Integrations
APPROVED

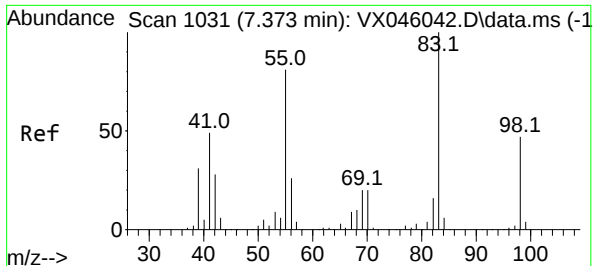
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#38
Carbon Tetrachloride
Concen: 51.853 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Tgt Ion:117 Resp: 82707
Ion Ratio Lower Upper
117 100
119 103.4 75.2 112.8
121 32.7 24.2 36.4





#39

Methylcyclohexane

Concen: 50.979 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX046253.D

Acq: 16 May 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

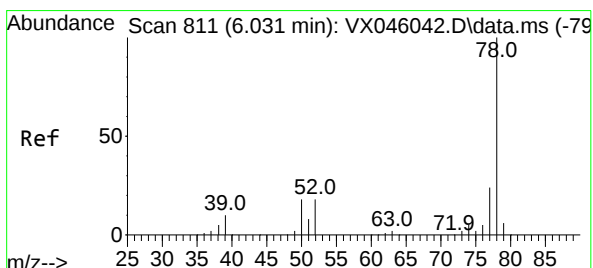
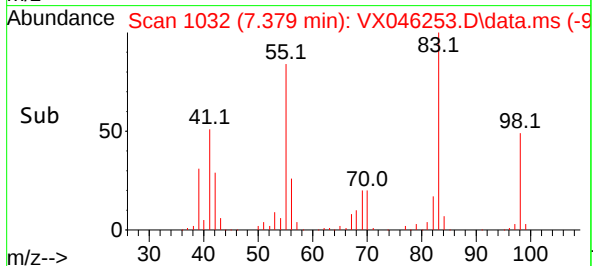
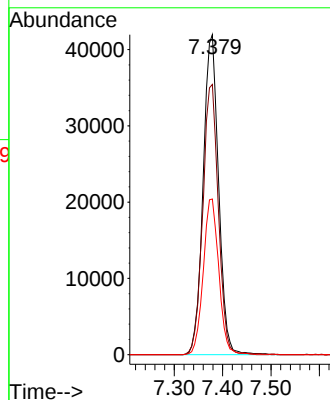
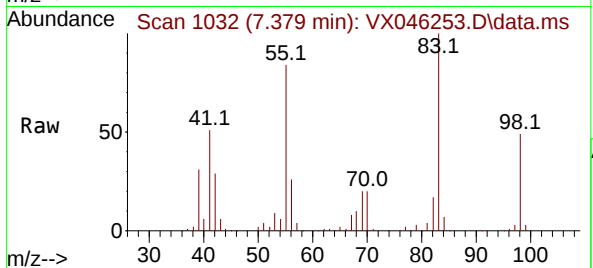
Tgt Ion: 83	Resp: 93170
Ion Ratio	Lower Upper
83	100
55	84.5 64.7 97.1
98	48.7 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#40

Benzene

Concen: 53.730 ug/l

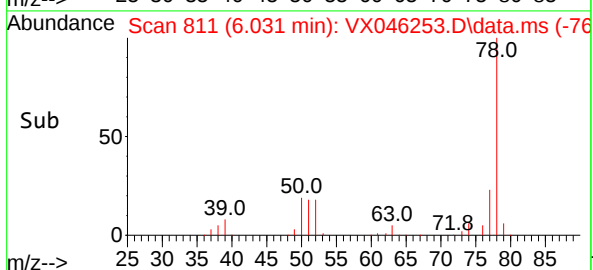
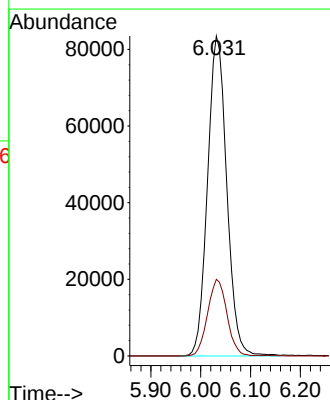
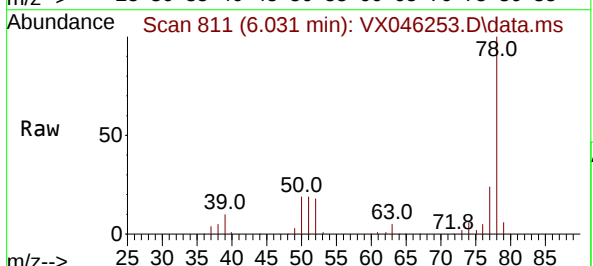
RT: 6.031 min Scan# 811

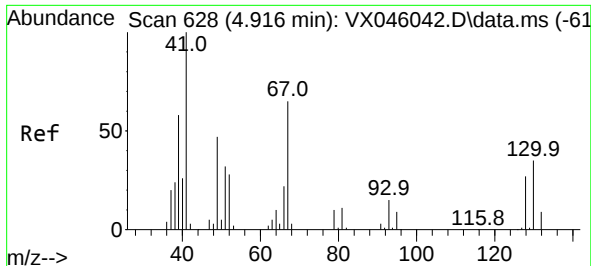
Delta R.T. -0.000 min

Lab File: VX046253.D

Acq: 16 May 2025 19:12

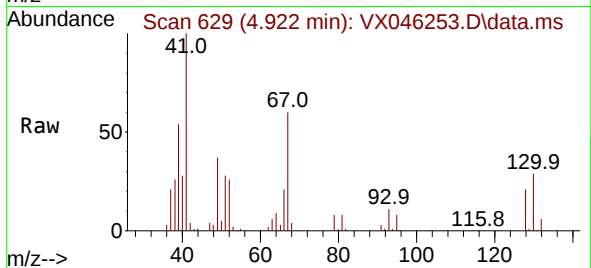
Tgt Ion: 78	Resp: 223416
Ion Ratio	Lower Upper
78	100
77	23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 60.421 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

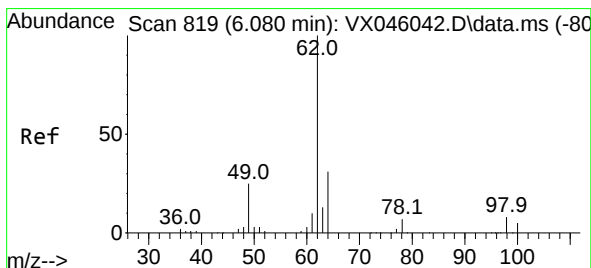
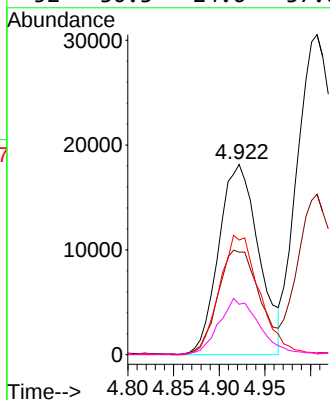
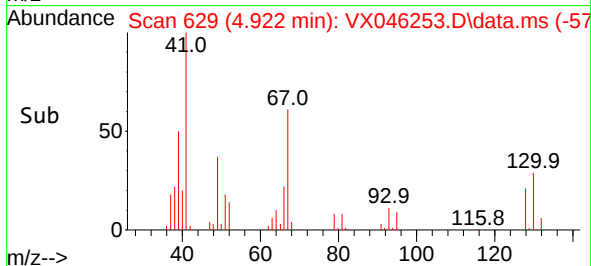
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 55430
Ion Ratio Lower Upper
41 100
39 57.5 47.2 70.8
67 63.4 50.7 76.1
52 30.3 24.6 37.0

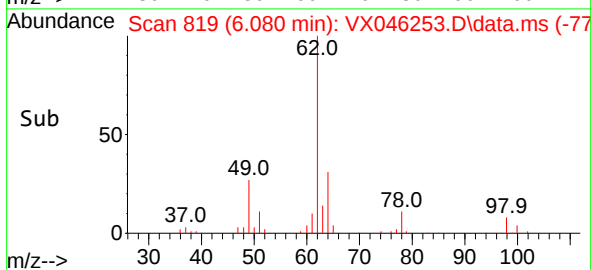
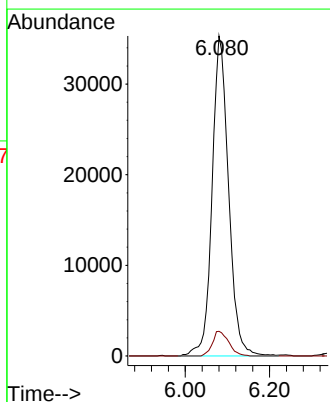
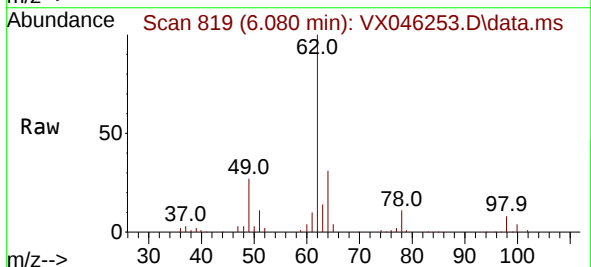
Manual Integrations
APPROVED

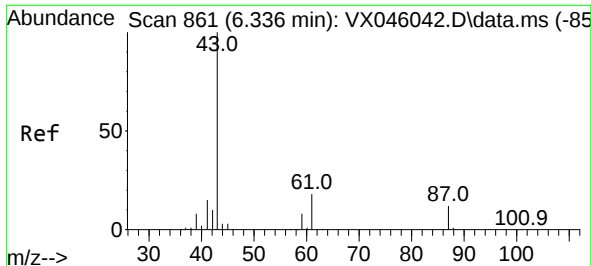
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#42
1,2-Dichloroethane
Concen: 53.312 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

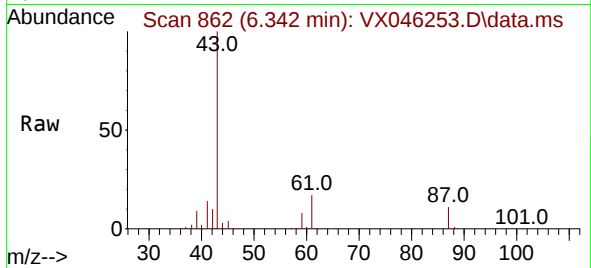
Tgt Ion: 62 Resp: 95675
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43
Isopropyl Acetate
Concen: 56.573 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

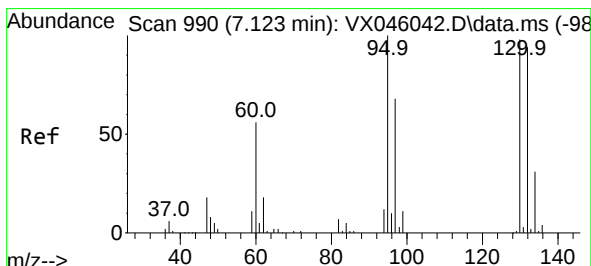
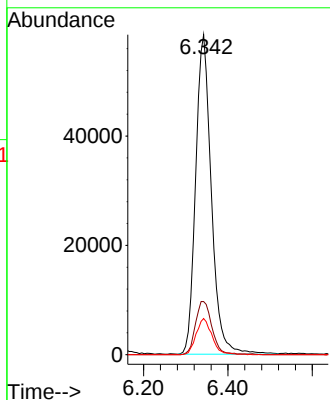
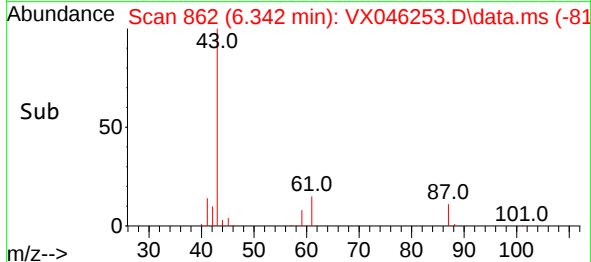
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 15137
Ion Ratio Lower Upper
43 100
61 17.5 14.3 21.5
87 11.4 9.5 14.3

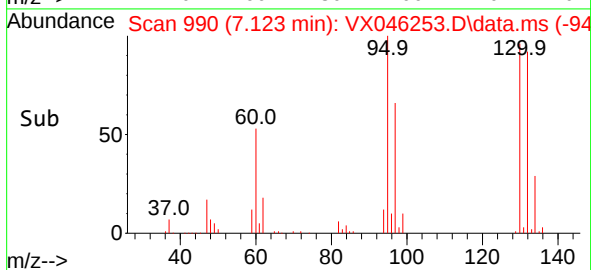
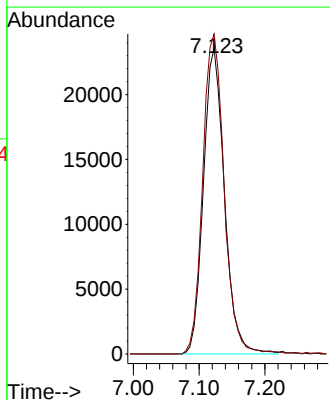
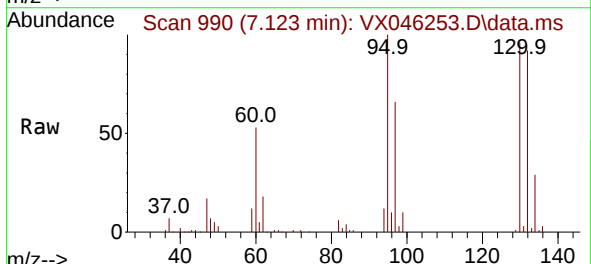
Manual Integrations
APPROVED

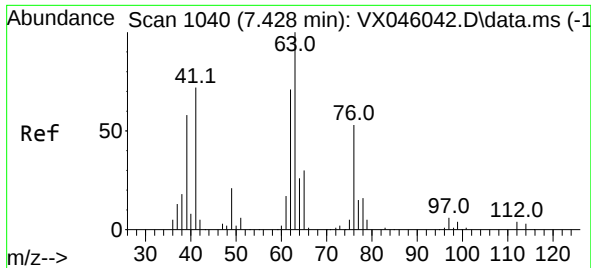
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#44
Trichloroethene
Concen: 52.396 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

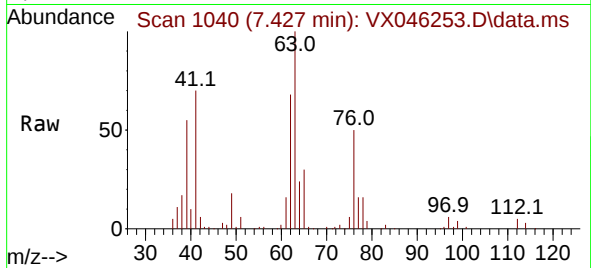
Tgt Ion:130 Resp: 52437
Ion Ratio Lower Upper
130 100
95 104.6 0.0 204.2





#45
1,2-Dichloropropane
Concen: 55.603 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

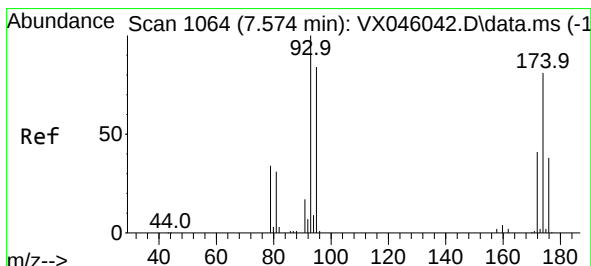
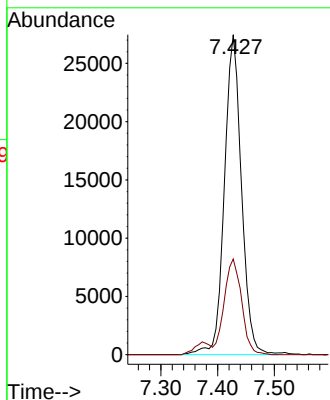
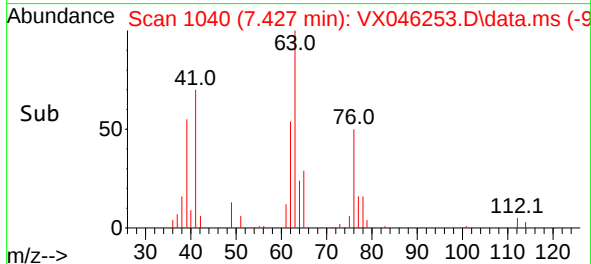
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 57490
Ion Ratio Lower Upper
63 100
65 29.9 24.1 36.1

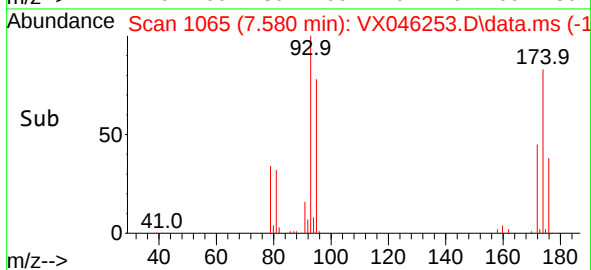
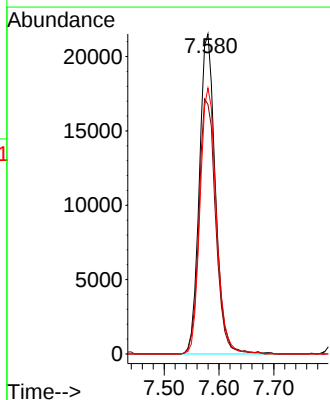
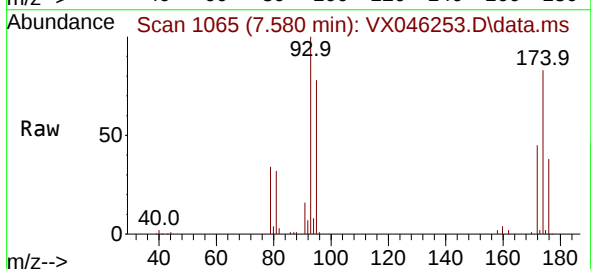
Manual Integrations
APPROVED

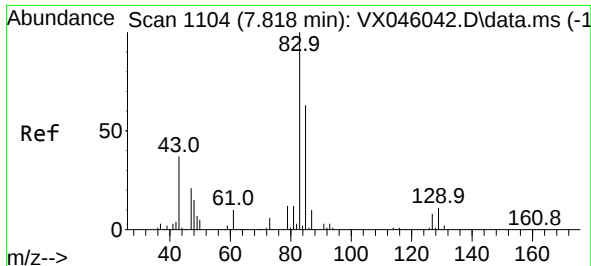
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#46
Dibromomethane
Concen: 53.557 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

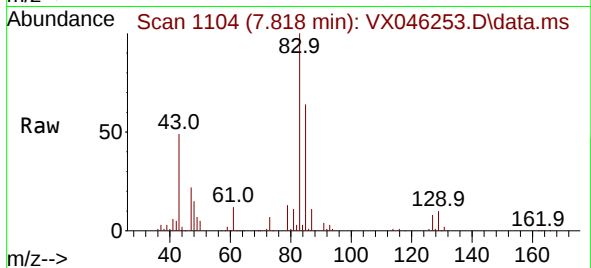
Tgt Ion: 93 Resp: 43675
Ion Ratio Lower Upper
93 100
95 82.6 65.6 98.4
174 84.8 68.2 102.2





#47
Bromodichloromethane
Concen: 55.435 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

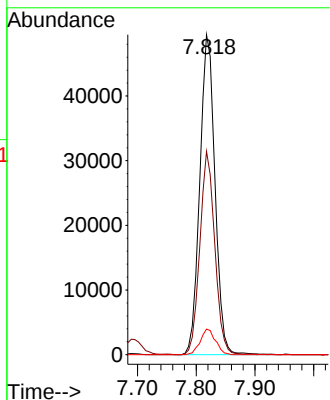
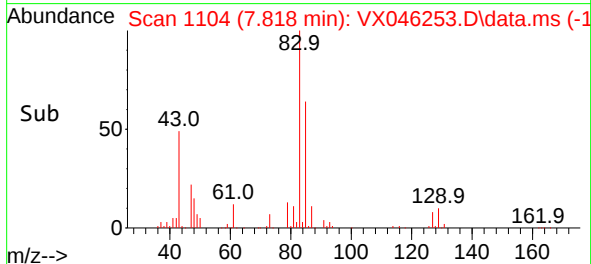
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



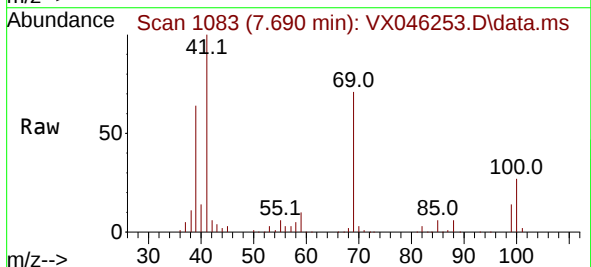
Tgt Ion: 83 Resp: 8903
Ion Ratio Lower Upper
83 100
85 63.5 50.5 75.7
127 8.0 6.5 9.7

Manual Integrations
APPROVED

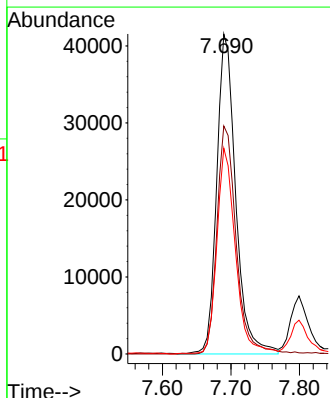
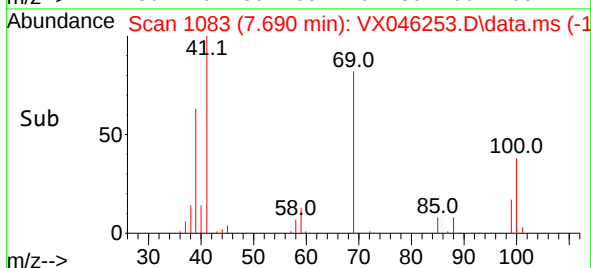
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

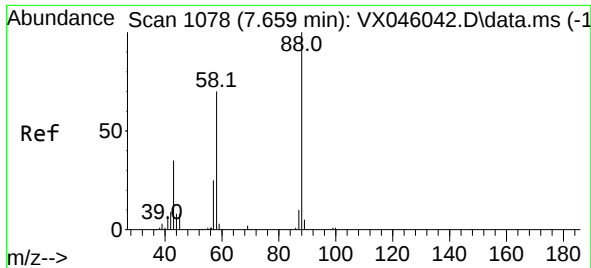


#48
Methyl methacrylate
Concen: 58.433 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12



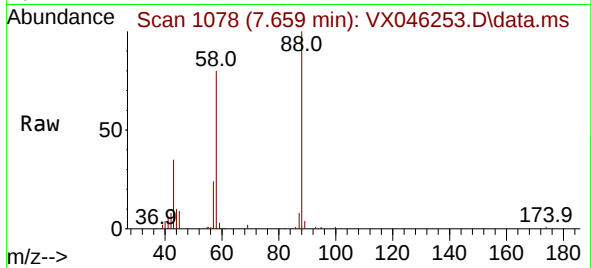
Tgt Ion: 41 Resp: 79848
Ion Ratio Lower Upper
41 100
69 72.3 58.5 87.7
39 63.1 51.7 77.5





#49
1,4-Dioxane
Concen: 1094.114 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

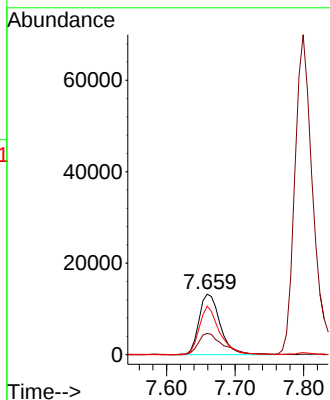
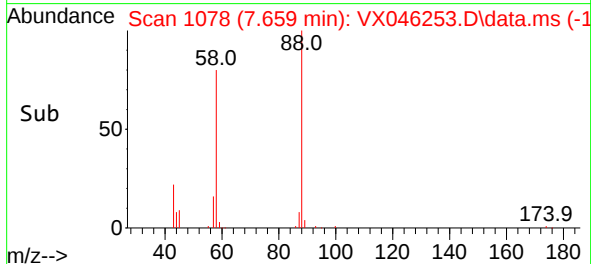
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2838
Ion Ratio Lower Upper
88 100
43 41.9 33.4 50.2
58 76.4 58.6 88.0

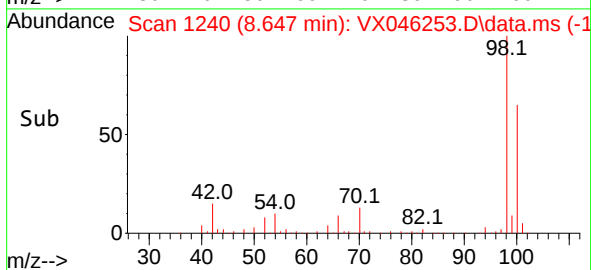
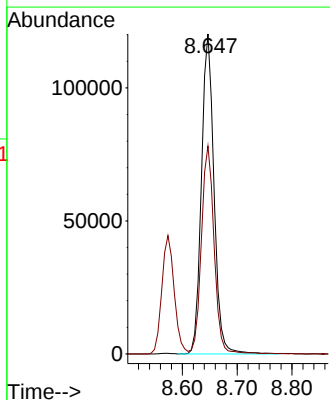
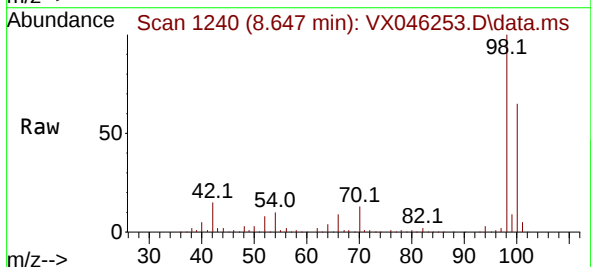
Manual Integrations
APPROVED

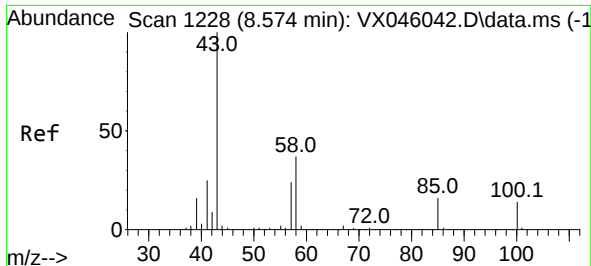
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#50
Toluene-d8
Concen: 52.294 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

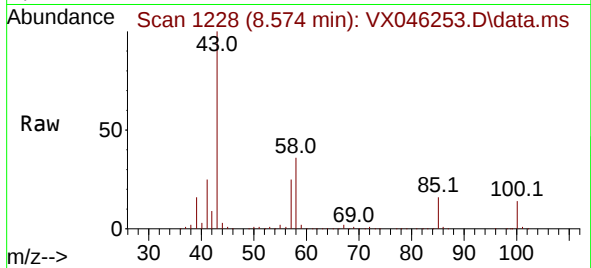
Tgt Ion: 98 Resp: 191233
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 289.034 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

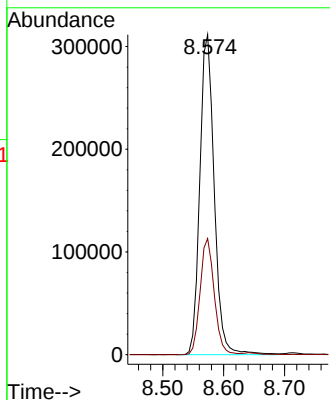
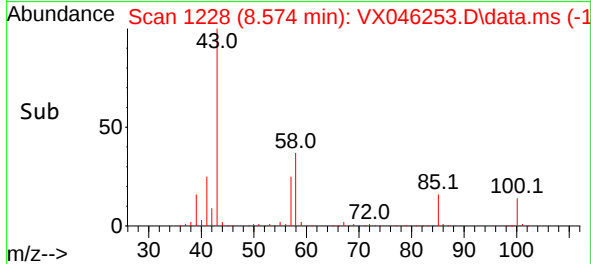
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 513350
Ion Ratio Lower Upper
43 100
58 35.5 28.9 43.3

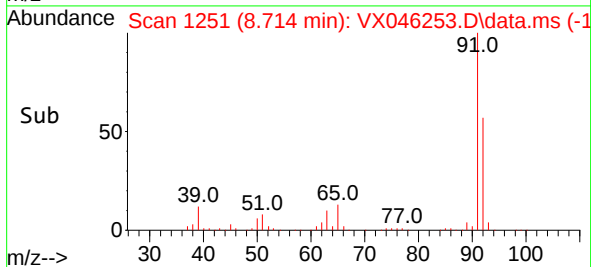
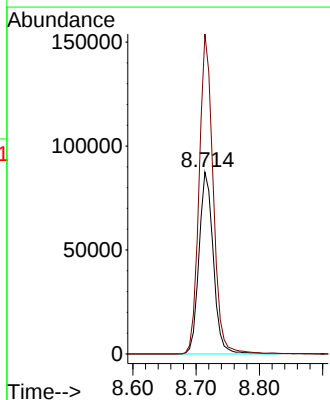
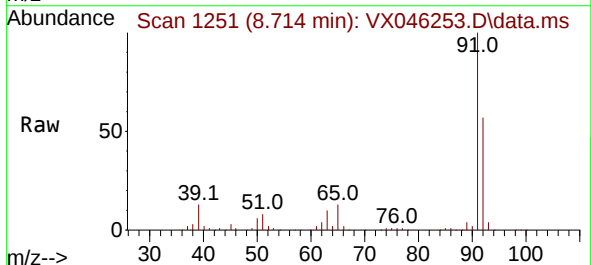
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#52
Toluene
Concen: 54.163 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

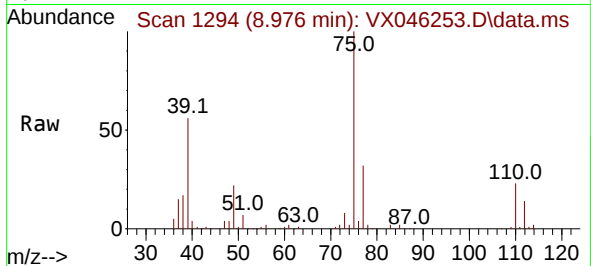
Tgt Ion: 92 Resp: 138100
Ion Ratio Lower Upper
92 100
91 172.2 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 53.635 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

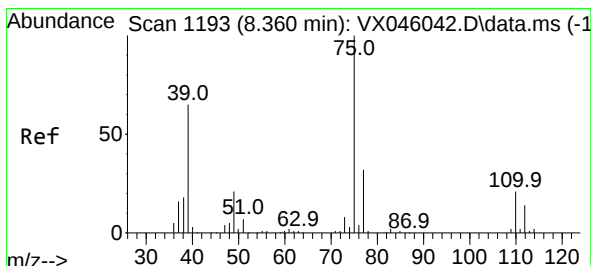
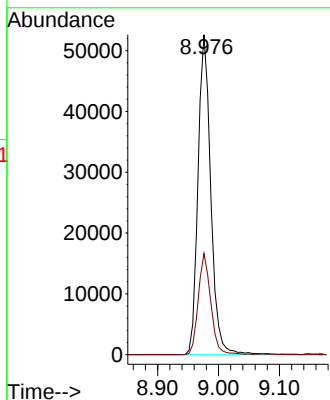
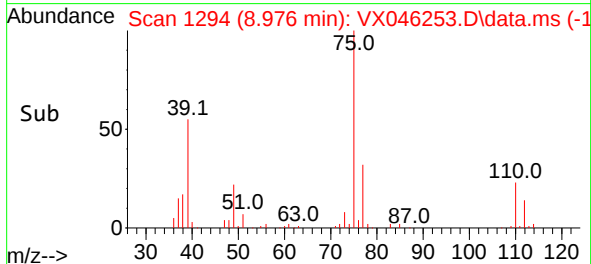
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 76570
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6

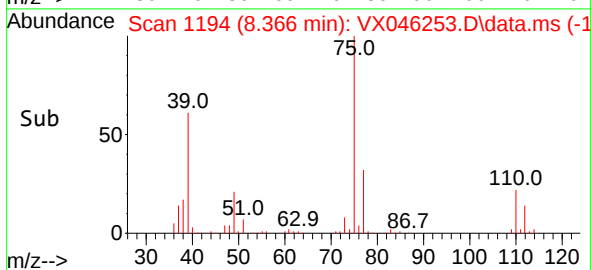
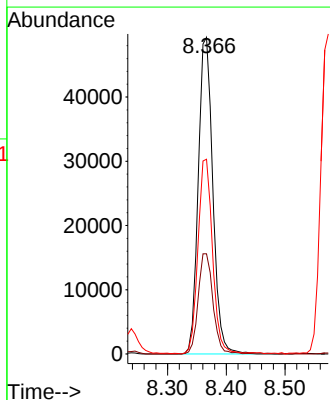
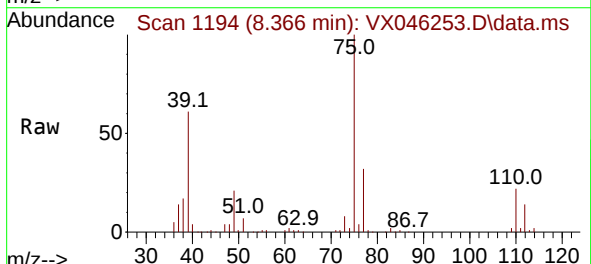
Manual Integrations
APPROVED

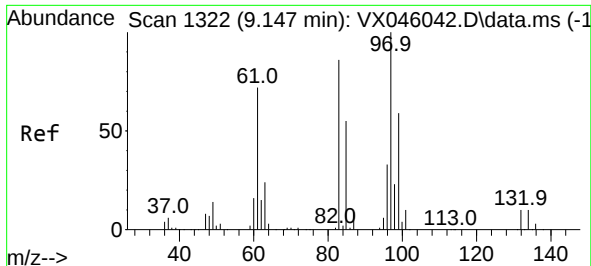
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#54
cis-1,3-Dichloropropene
Concen: 53.834 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Tgt Ion: 75 Resp: 84943
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 61.3 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 55.012 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

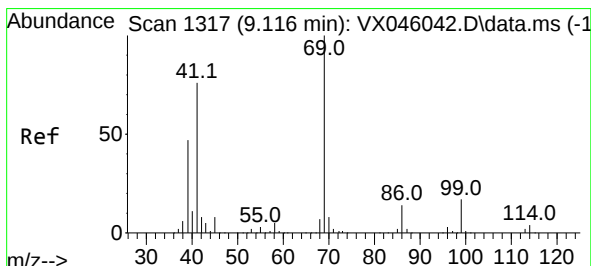
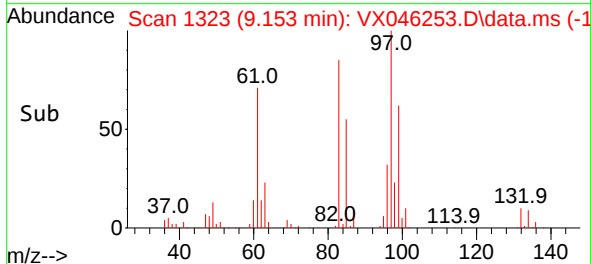
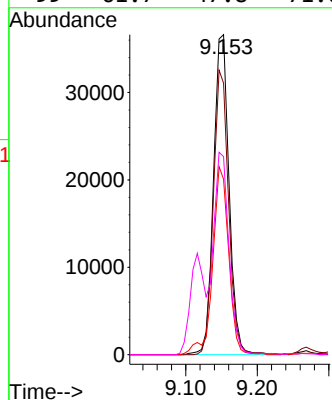
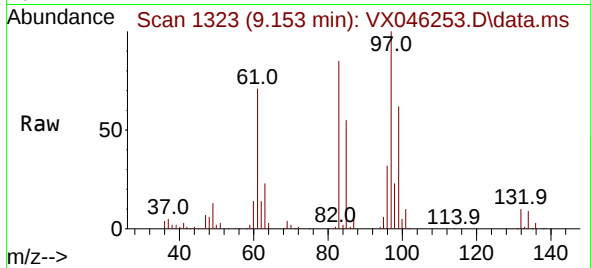
VSTDCCC050EC

Tgt Ion: 97 Resp: 55307
Ion Ratio Lower Upper
97 100
83 84.9 69.0 103.6
85 54.8 44.3 66.5
99 61.7 47.8 71.6

Manual Integrations

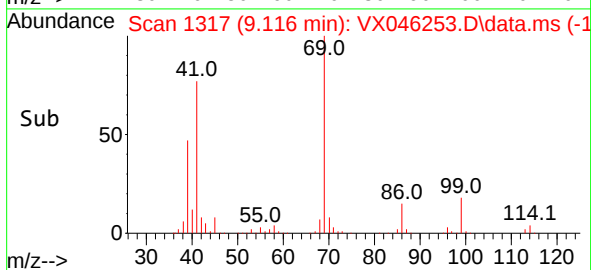
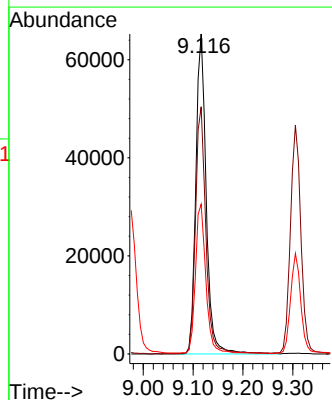
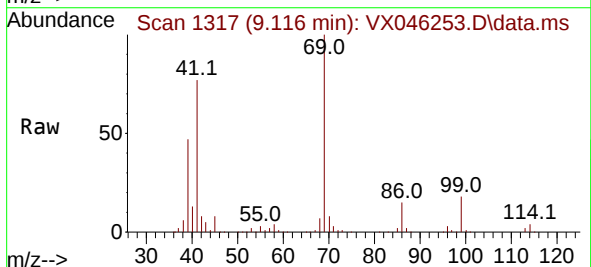
APPROVED

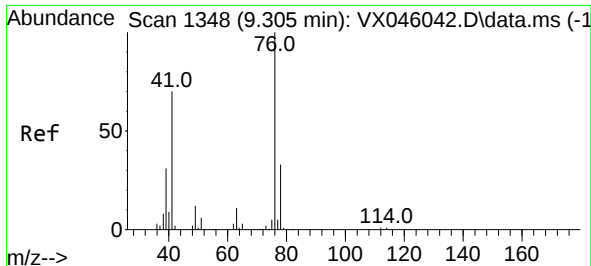
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#56
Ethyl methacrylate
Concen: 59.031 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Tgt Ion: 69 Resp: 94587
Ion Ratio Lower Upper
69 100
41 78.1 60.8 91.2
39 47.2 39.0 58.6





#57

1,3-Dichloropropane

Concen: 54.362 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046253.D

Acq: 16 May 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9815

Ion Ratio Lower Upper

76 100

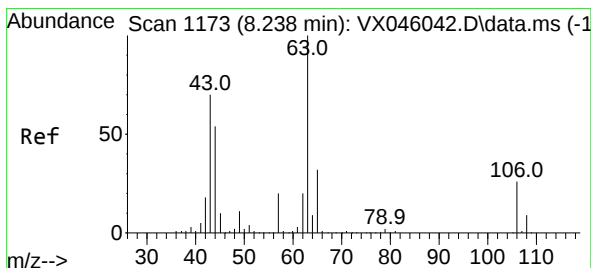
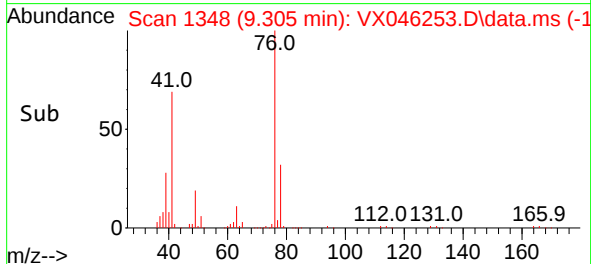
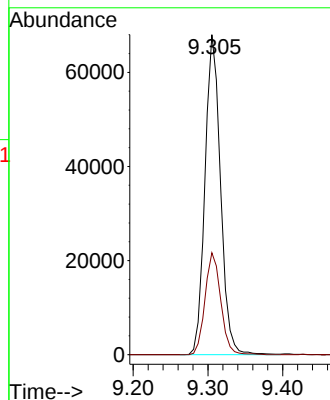
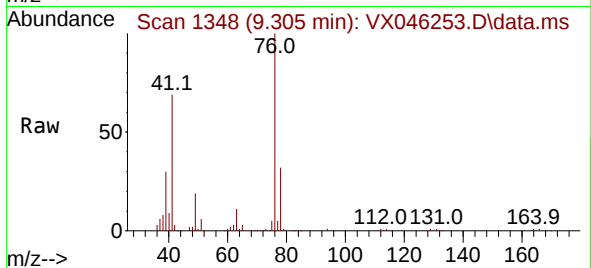
78 32.2 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 272.273 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046253.D

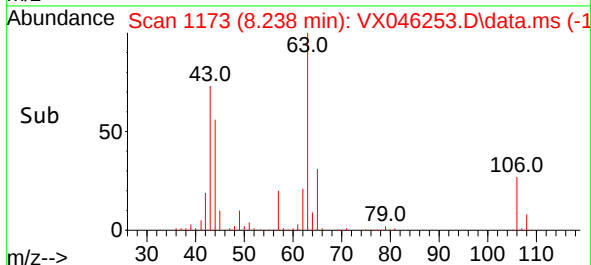
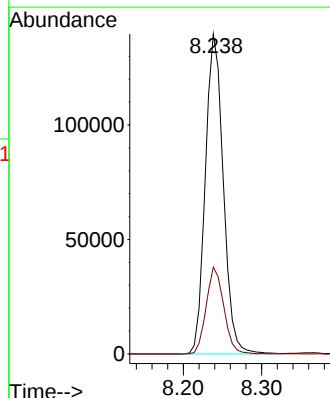
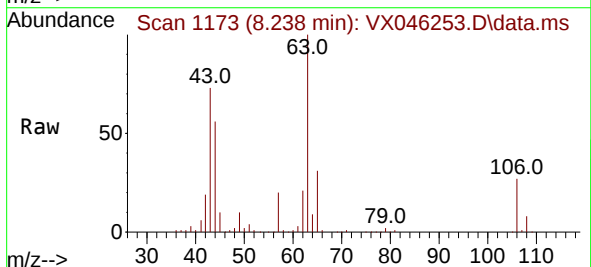
Acq: 16 May 2025 19:12

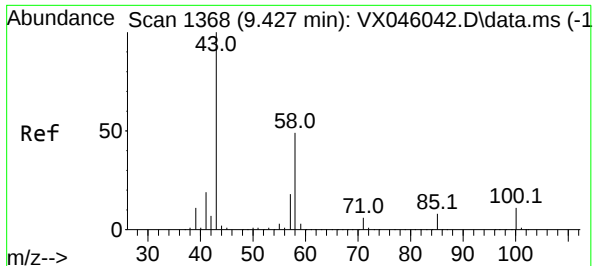
Tgt Ion: 63 Resp: 222416

Ion Ratio Lower Upper

63 100

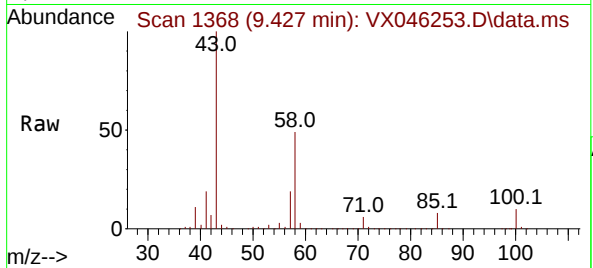
106 26.7 21.5 32.3





#59
2-Hexanone
Concen: 287.978 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

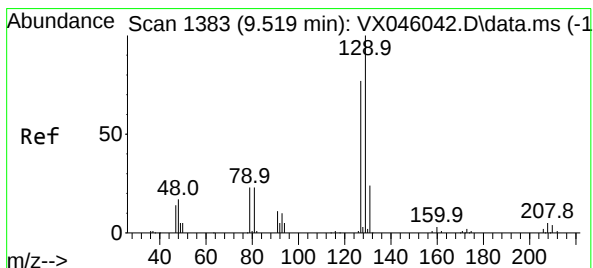
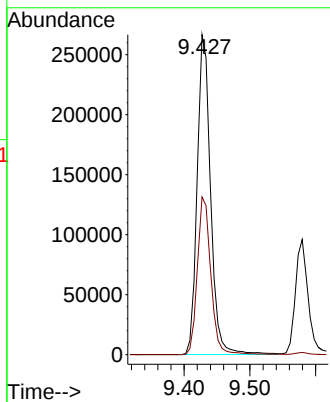
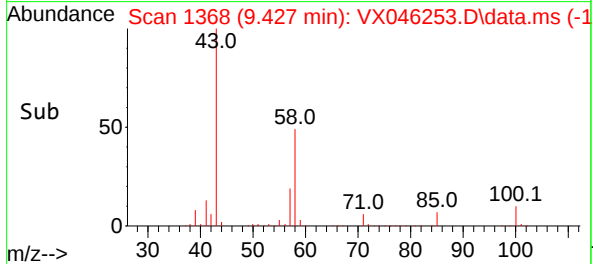
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 378400
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6

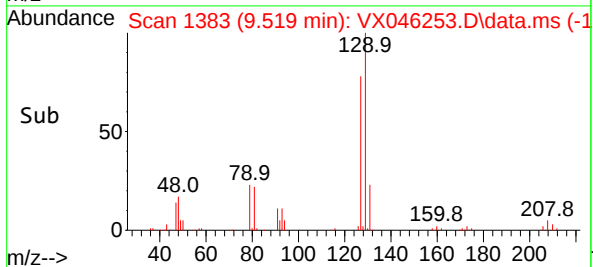
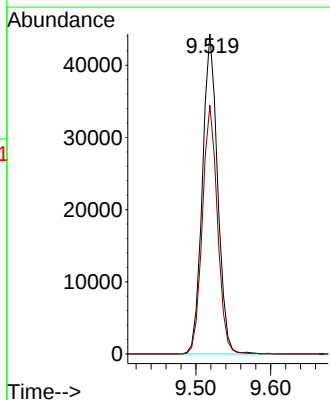
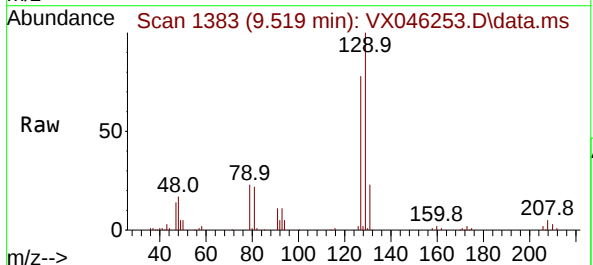
Manual Integrations
APPROVED

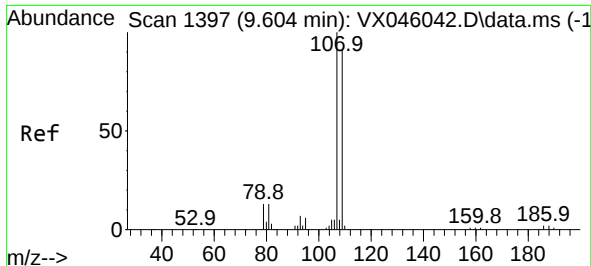
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#60
Dibromochloromethane
Concen: 56.581 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

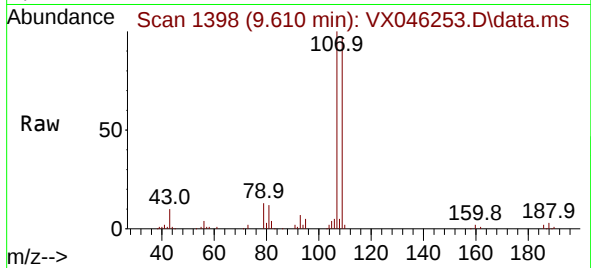
Tgt Ion:129 Resp: 62471
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.8





#61
1,2-Dibromoethane
Concen: 54.865 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

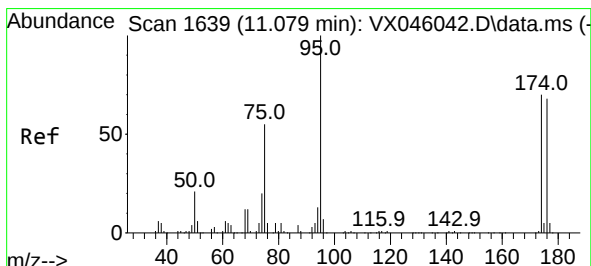
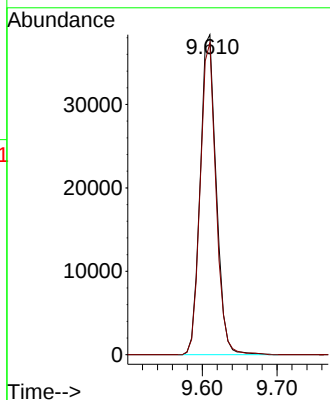
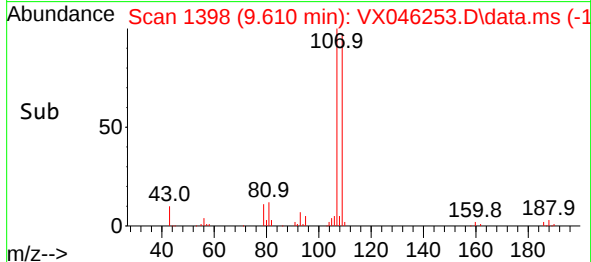
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 57330
Ion Ratio Lower Upper
107 100
109 95.7 73.3 109.9

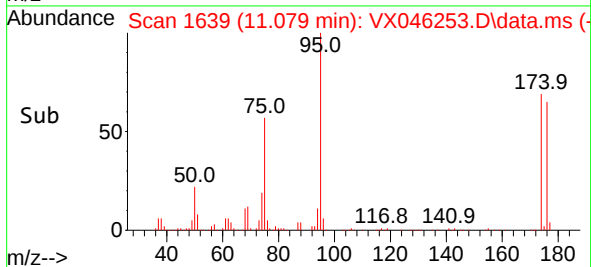
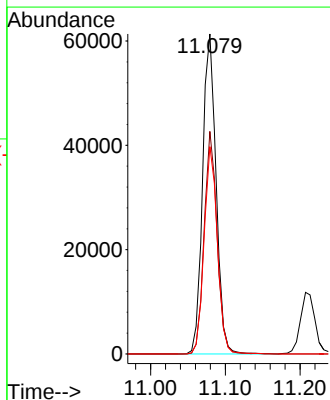
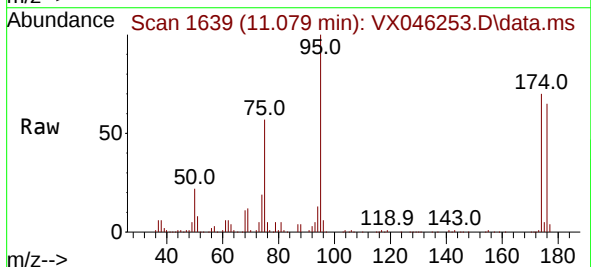
Manual Integrations
APPROVED

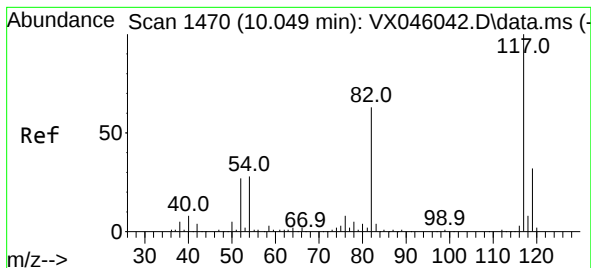
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#62
4-Bromofluorobenzene
Concen: 54.809 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

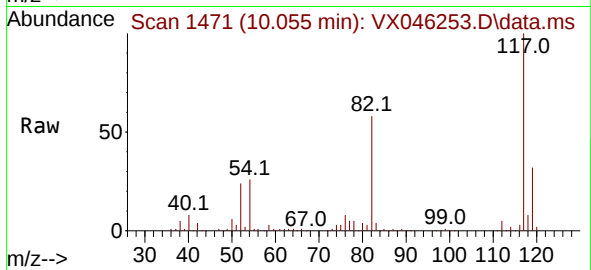
Tgt Ion: 95 Resp: 76882
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 63.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

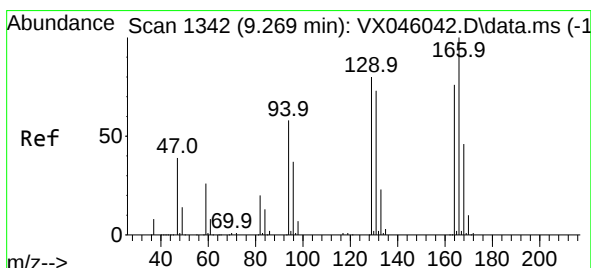
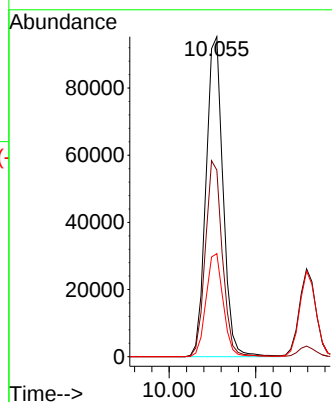
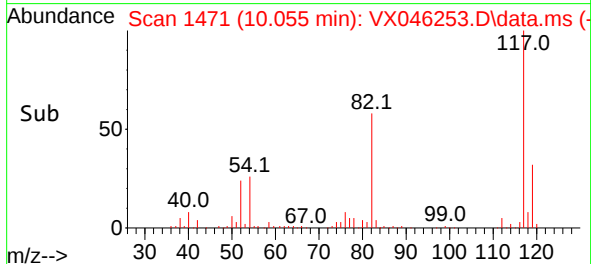
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 13019
Ion Ratio Lower Upper
117 100
82 58.3 50.6 76.0
119 32.2 25.8 38.6

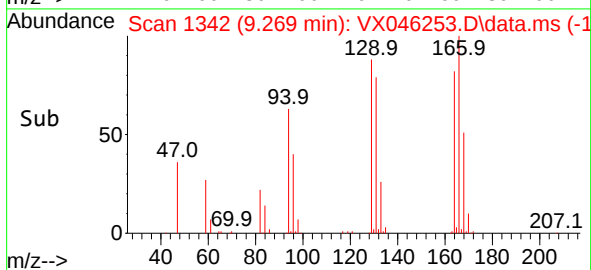
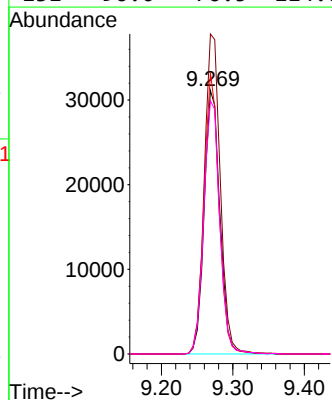
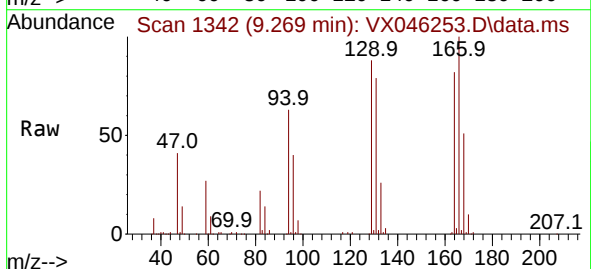
Manual Integrations
APPROVED

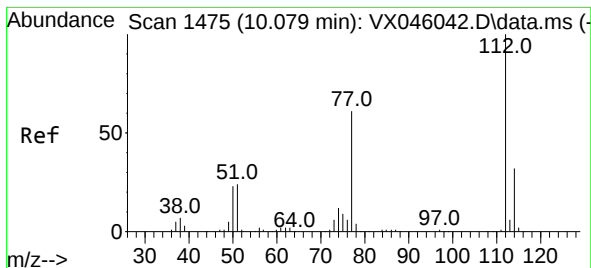
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#64
Tetrachloroethene
Concen: 51.461 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

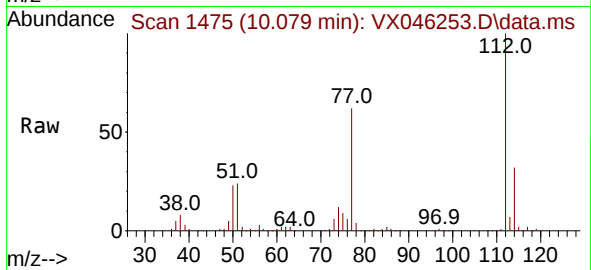
Tgt Ion:164 Resp: 47404
Ion Ratio Lower Upper
164 100
166 121.5 105.0 157.6
129 106.6 83.5 125.3
131 96.0 76.5 114.7





#65
Chlorobenzene
Concen: 52.421 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

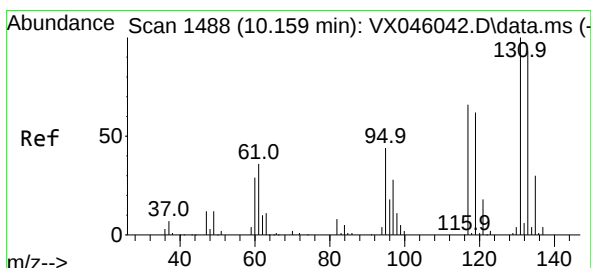
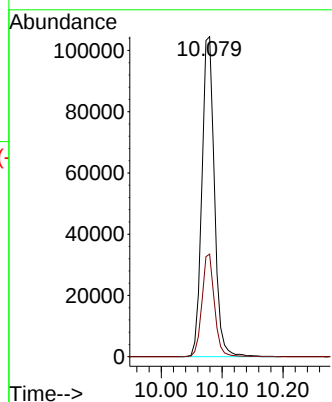
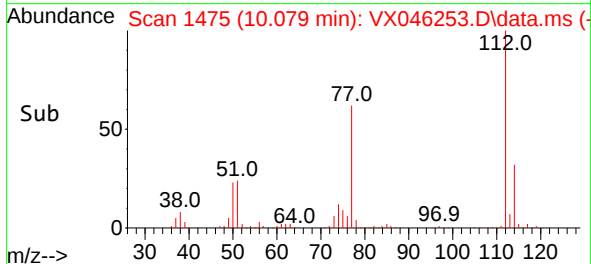
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



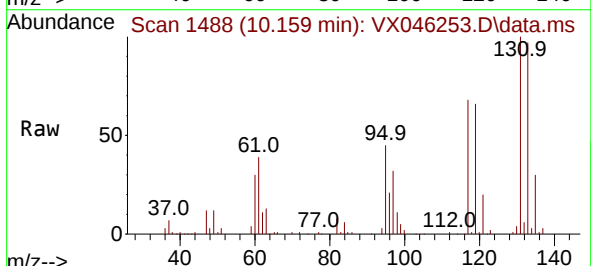
Tgt Ion:112 Resp: 149379
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

Manual Integrations
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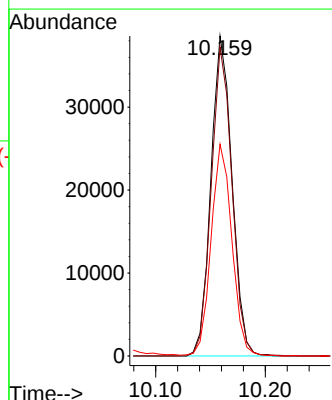
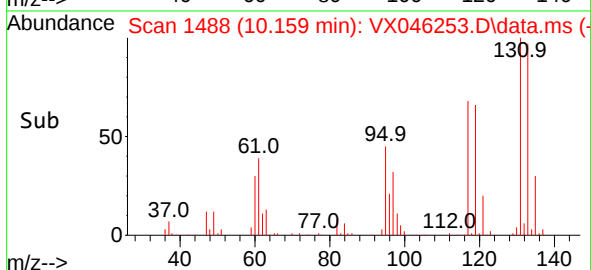
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

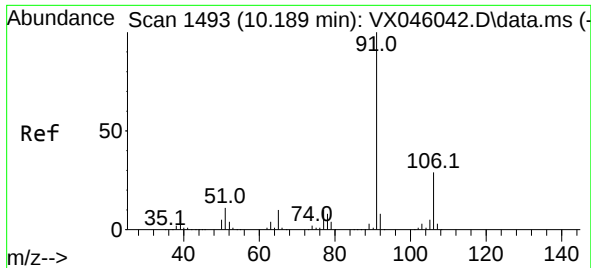


#66
1,1,1,2-Tetrachloroethane
Concen: 53.053 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12



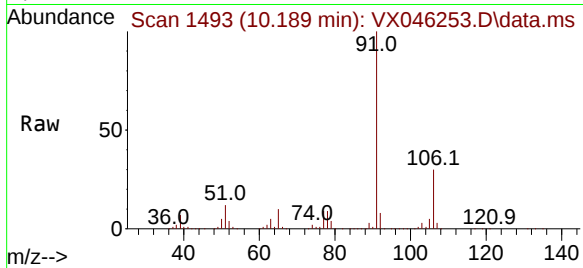
Tgt Ion:131 Resp: 51623
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.9
119 65.2 31.6 95.0





#67
Ethyl Benzene
Concen: 54.351 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

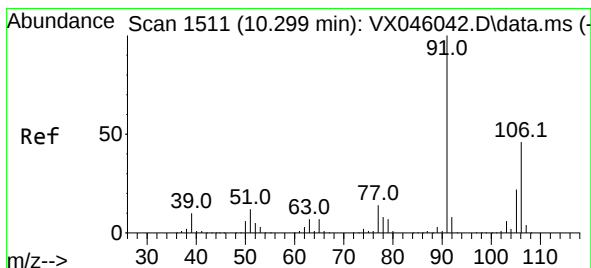
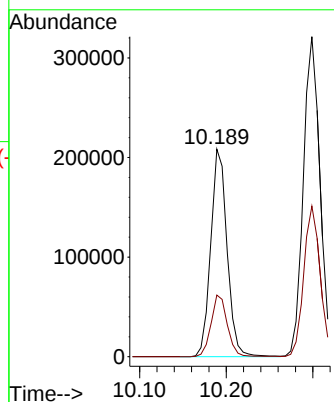
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 273012
Ion Ratio Lower Upper
91 100
106 29.7 23.4 35.2

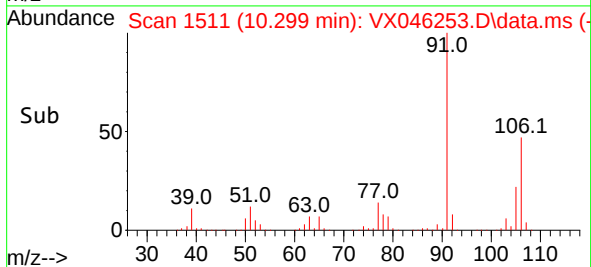
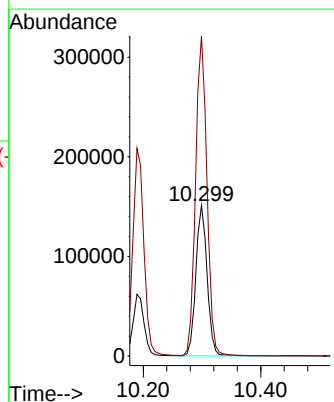
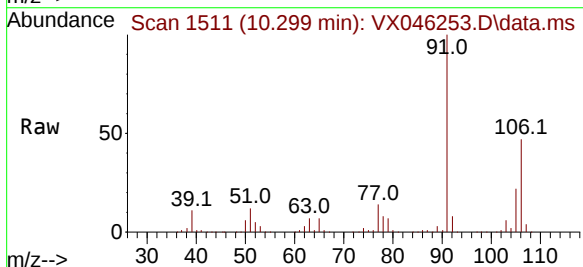
Manual Integrations
APPROVED

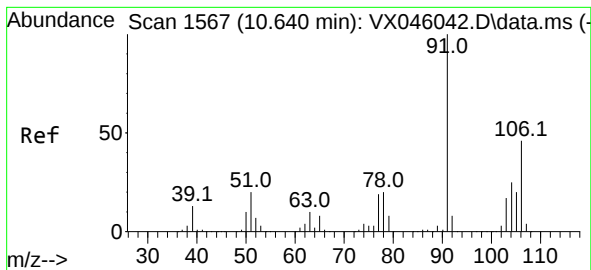
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#68
m/p-Xylenes
Concen: 109.111 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Tgt Ion:106 Resp: 200455
Ion Ratio Lower Upper
106 100
91 215.0 171.2 256.8





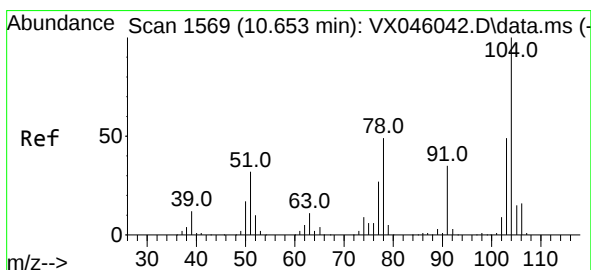
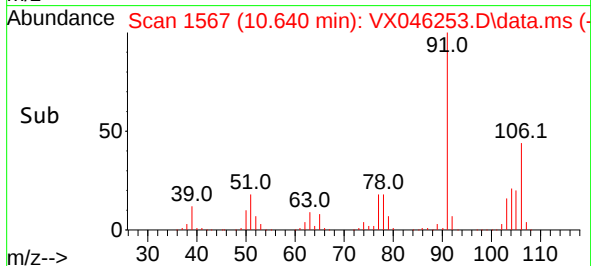
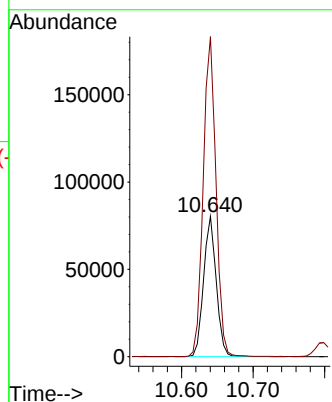
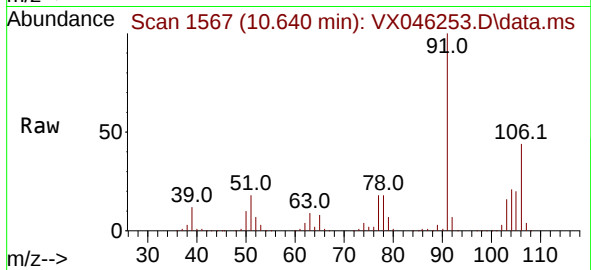
#69
o-Xylene
Concen: 55.094 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 98670
Ion Ratio Lower Upper
106 100
91 230.1 112.7 338.1

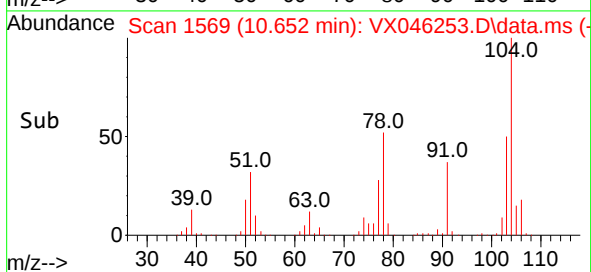
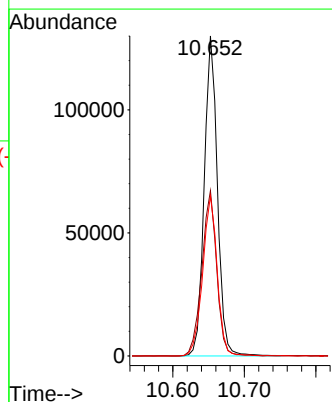
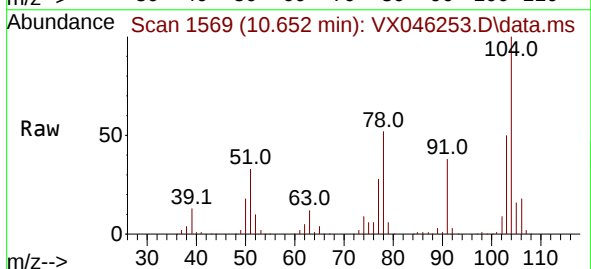
Manual Integrations
APPROVED

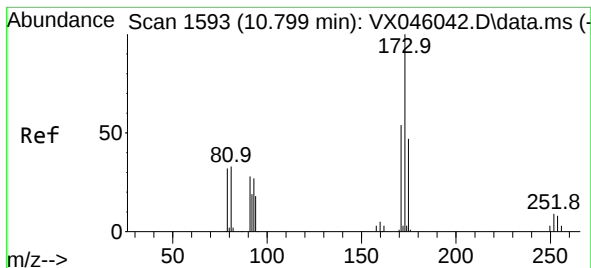
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#70
Styrene
Concen: 56.855 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Tgt Ion:104 Resp: 166810
Ion Ratio Lower Upper
104 100
78 58.2 45.7 68.5
103 55.3 43.7 65.5





#71

Bromoform

Concen: 53.490 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046253.D

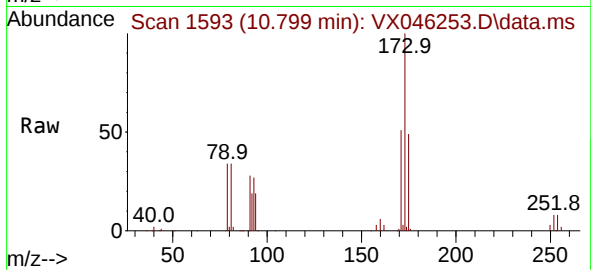
Acq: 16 May 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



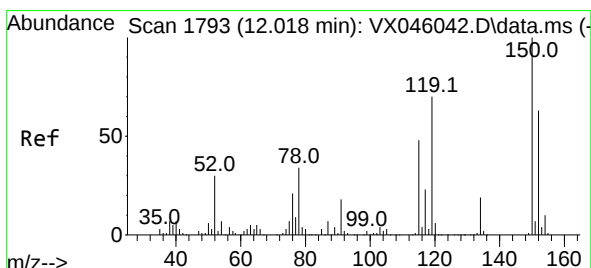
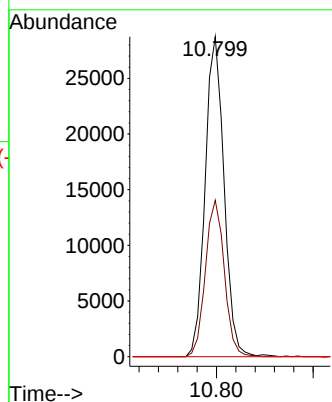
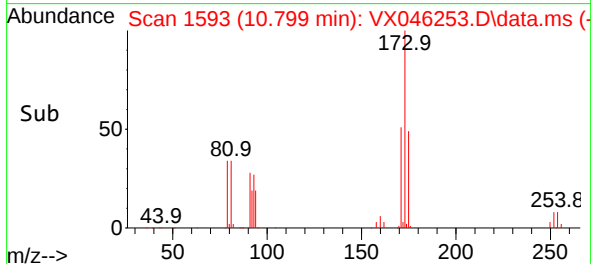
Tgt Ion:	173	Resp:	3907
Ion Ratio	100	Lower	Upper
173	100		
175	49.0	23.4	70.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

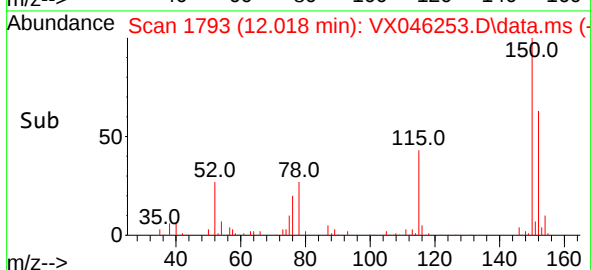
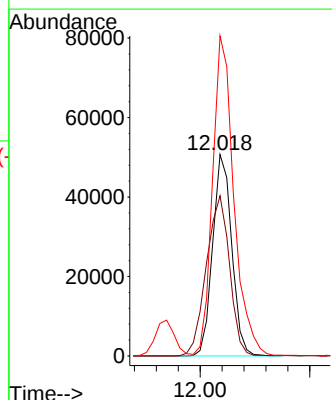
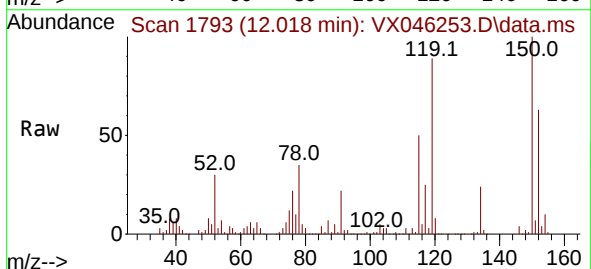
RT: 12.018 min Scan# 1793

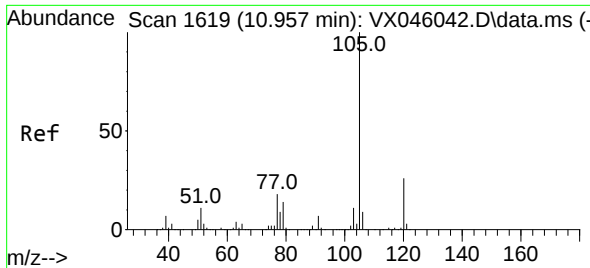
Delta R.T. -0.000 min

Lab File: VX046253.D

Acq: 16 May 2025 19:12

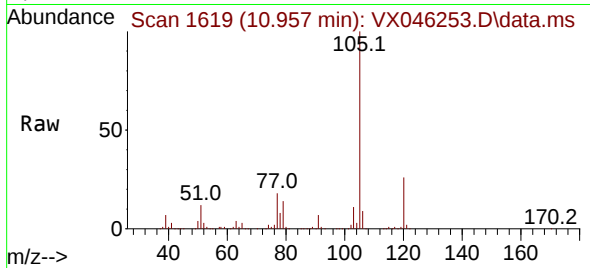
Tgt Ion:	152	Resp:	61283
Ion Ratio	100	Lower	Upper
152	100		
115	96.7	46.9	140.7
150	177.6	0.0	351.0





#73
Isopropylbenzene
Concen: 55.961 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

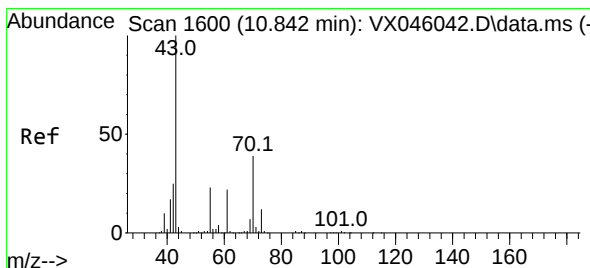
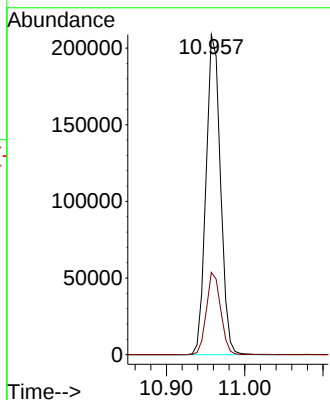
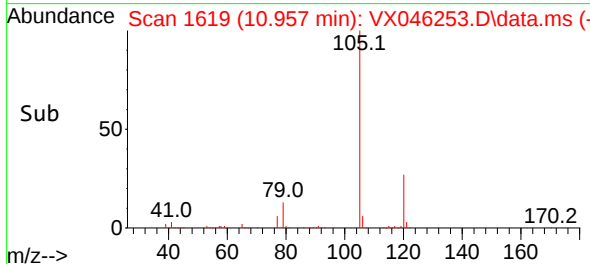
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 266995
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4

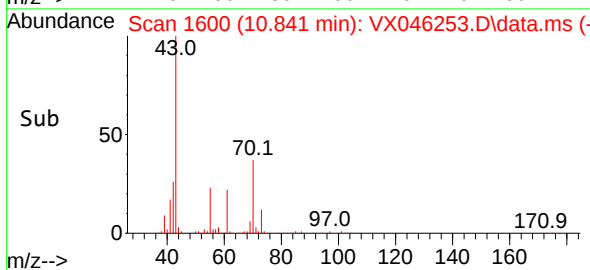
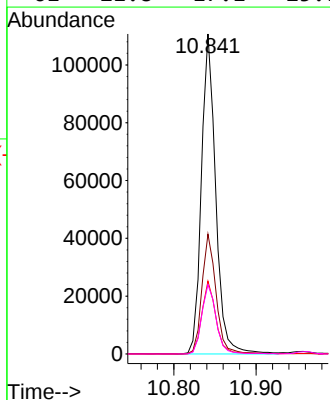
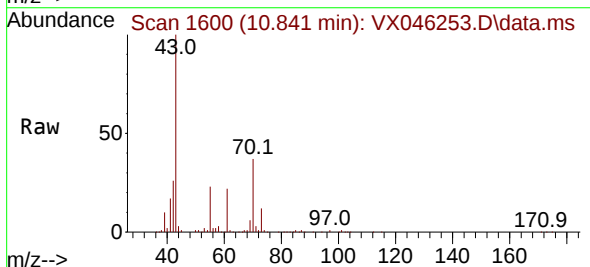
Manual Integrations
APPROVED

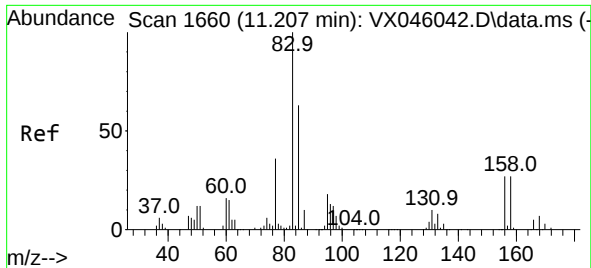
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#74
N-ethyl acetate
Concen: 56.955 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Tgt Ion: 43 Resp: 134276
Ion Ratio Lower Upper
43 100
70 37.2 30.9 46.3
55 22.6 18.7 28.1
61 21.8 17.1 25.7





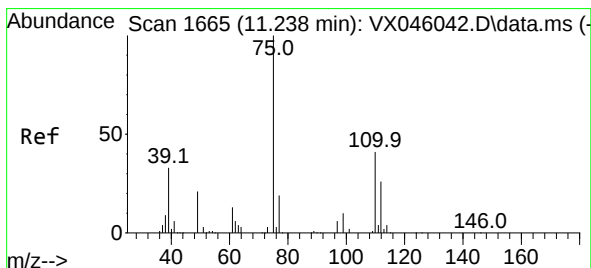
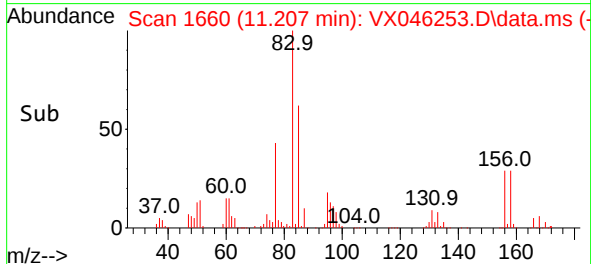
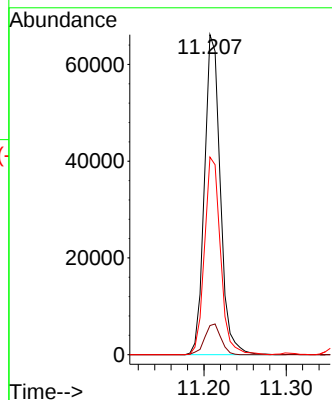
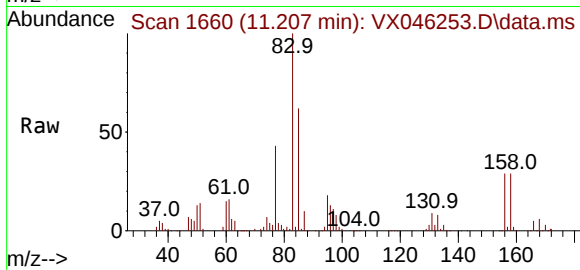
#75
1,1,2,2-Tetrachloroethane
Concen: 52.841 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8834
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 62.4 31.9 95.7

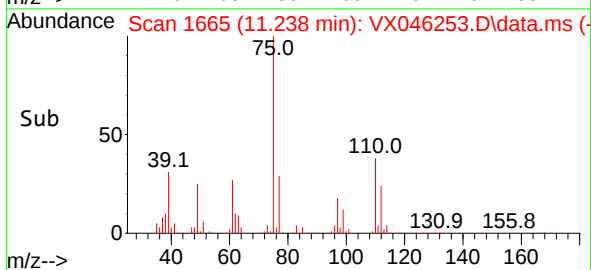
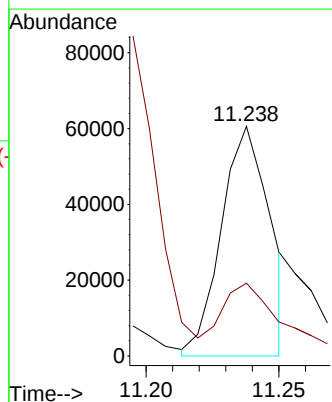
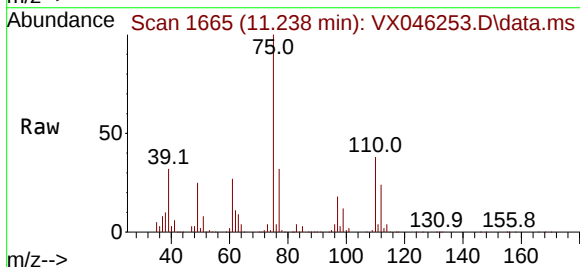
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#76
1,2,3-Trichloropropane
Concen: 51.999 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

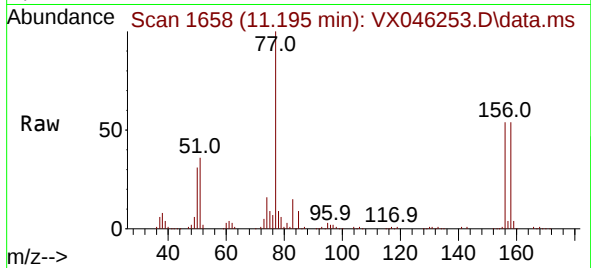
Tgt Ion: 75 Resp: 76705
Ion Ratio Lower Upper
75 100
77 40.2 20.5 61.5





#77
Bromobenzene
Concen: 53.928 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

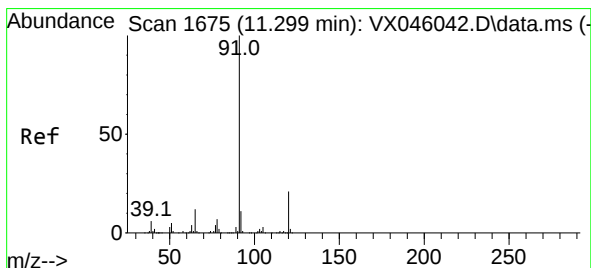
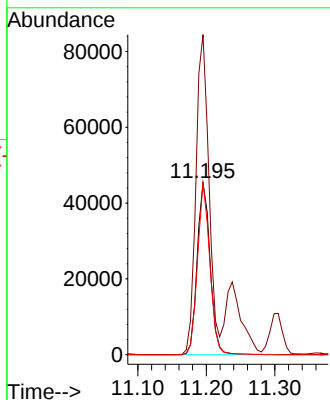
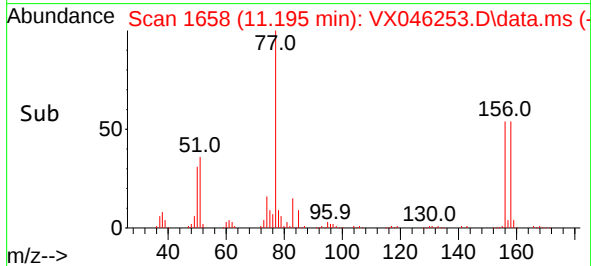
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



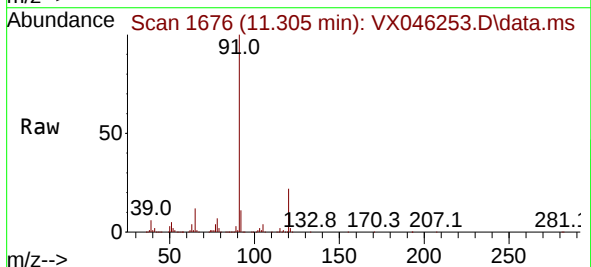
Tgt Ion:156 Resp: 59734
Ion Ratio Lower Upper
156 100
77 186.9 92.8 278.3
158 95.7 48.8 146.3

Manual Integrations
APPROVED

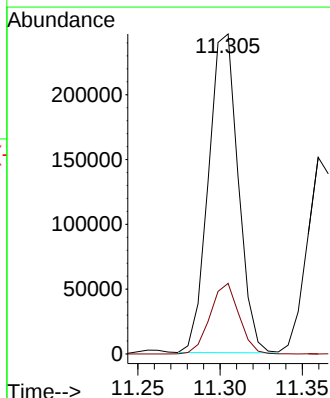
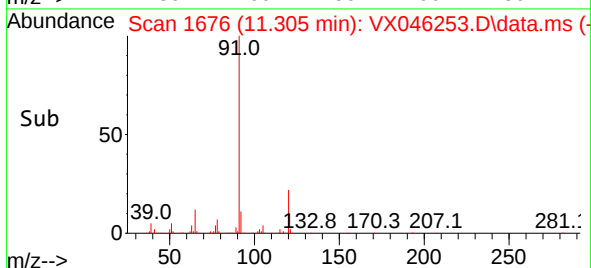
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#78
n-propylbenzene
Concen: 55.906 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12



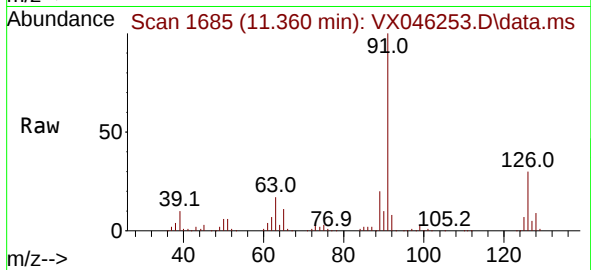
Tgt Ion: 91 Resp: 310139
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4





#79
2-Chlorotoluene
Concen: 53.575 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

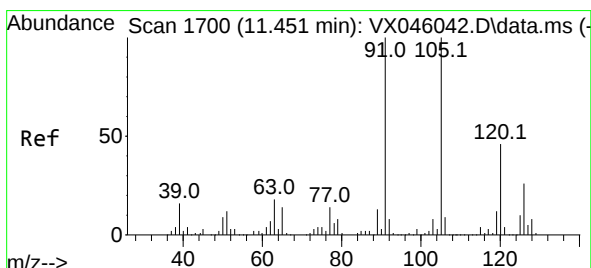
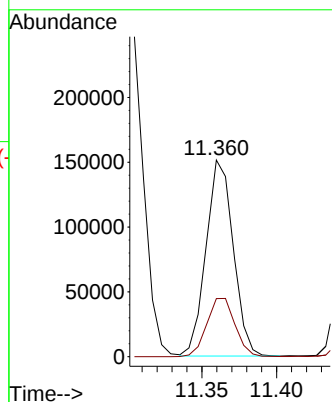
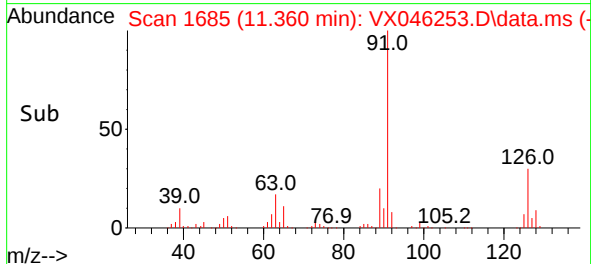
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



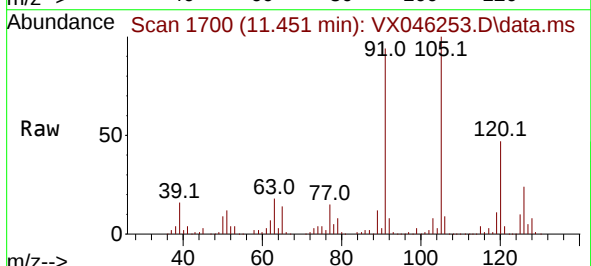
Tgt Ion: 91 Resp: 191700
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.7

Manual Integrations
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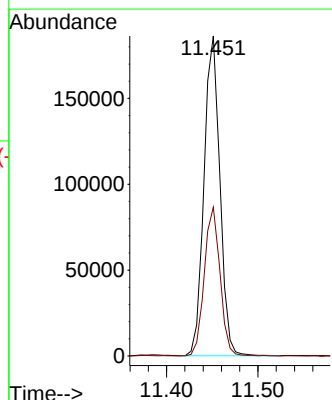
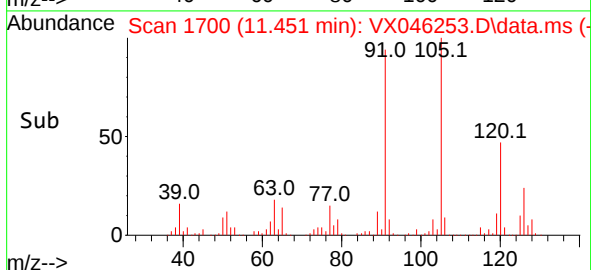
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

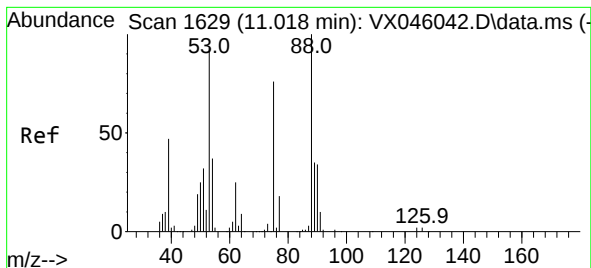


#80
1,3,5-Trimethylbenzene
Concen: 56.306 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12



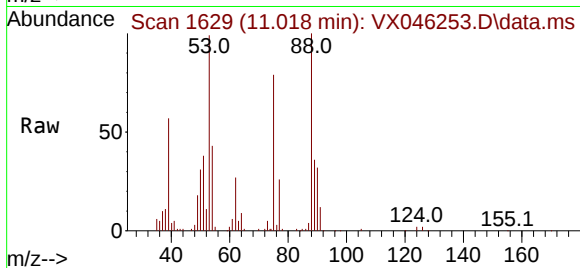
Tgt Ion:105 Resp: 224429
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 49.138 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

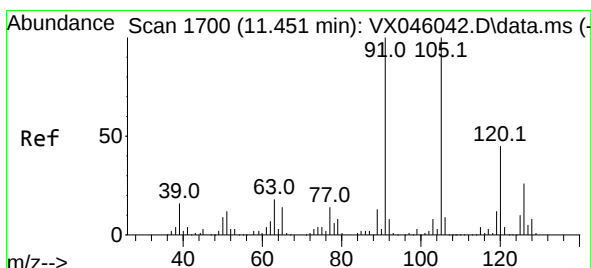
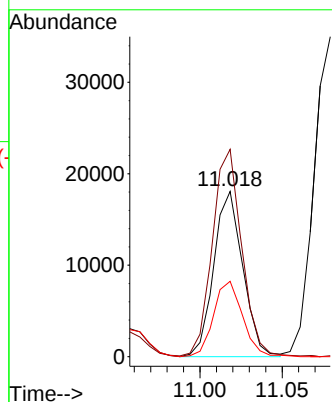
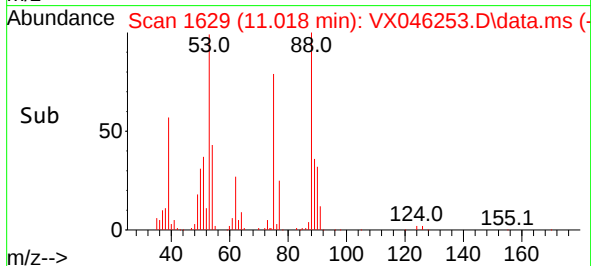
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



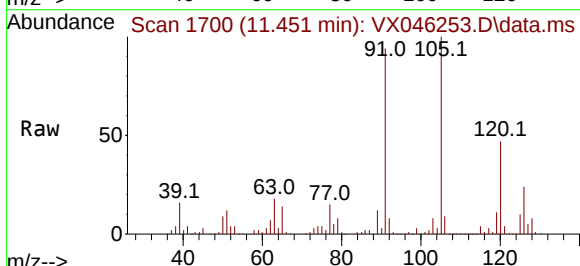
Tgt Ion: 75 Resp: 22264
Ion Ratio Lower Upper
75 100
53 126.9 100.5 150.7
89 45.5 37.0 55.6

Manual Integrations
APPROVED

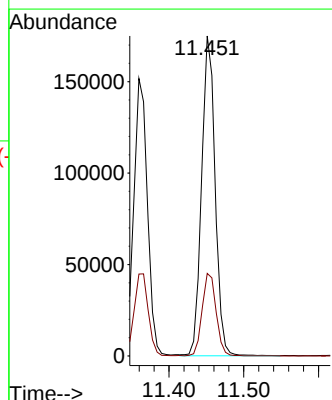
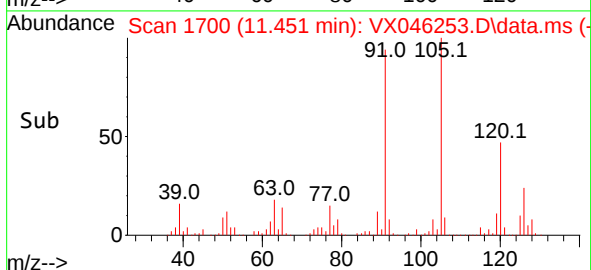
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

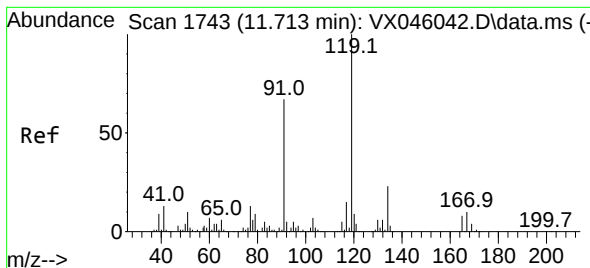


#82
4-Chlorotoluene
Concen: 55.333 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12



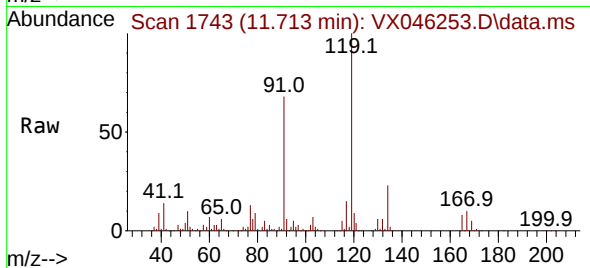
Tgt Ion: 91 Resp: 219564
Ion Ratio Lower Upper
91 100
126 26.5 13.3 39.8





#83
tert-Butylbenzene
Concen: 54.716 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

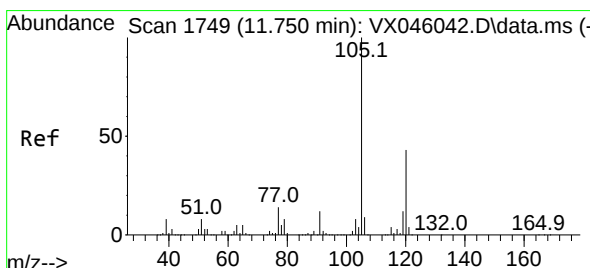
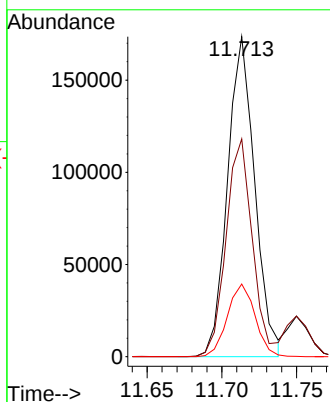
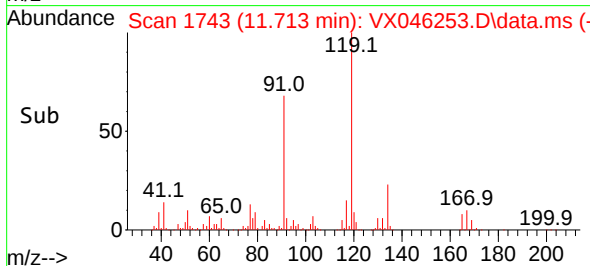
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 21968
Ion Ratio Lower Upper
119 100
91 66.3 32.9 98.7
134 23.1 11.4 34.1

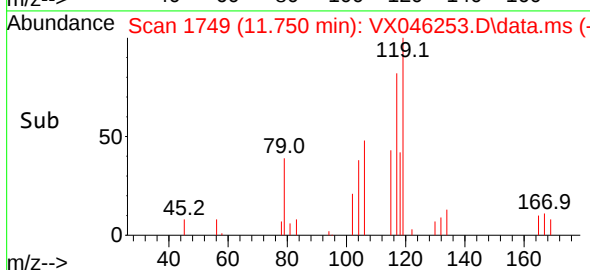
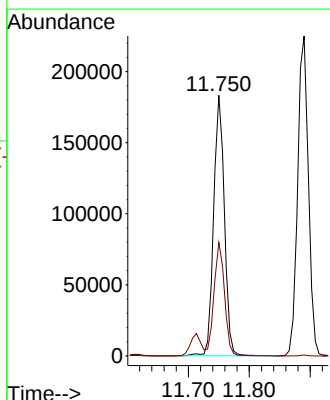
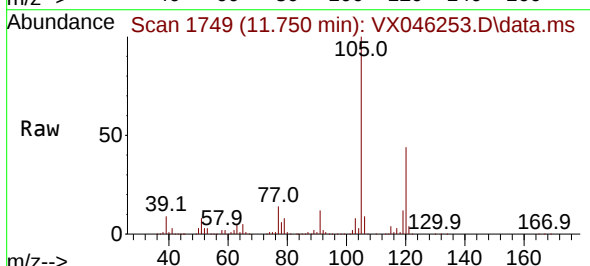
Manual Integrations
APPROVED

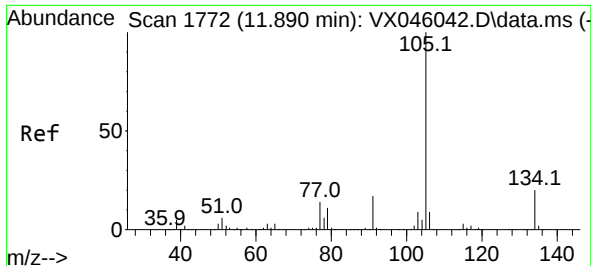
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#84
1,2,4-Trimethylbenzene
Concen: 55.450 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

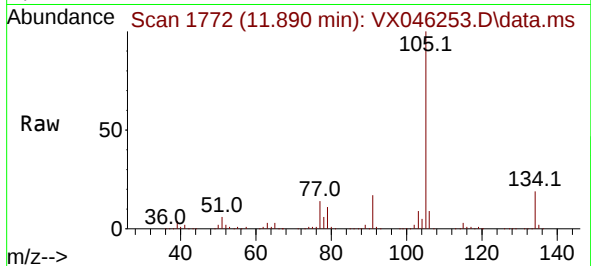
Tgt Ion:105 Resp: 223822
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 55.931 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046253.D
 Acq: 16 May 2025 19:12

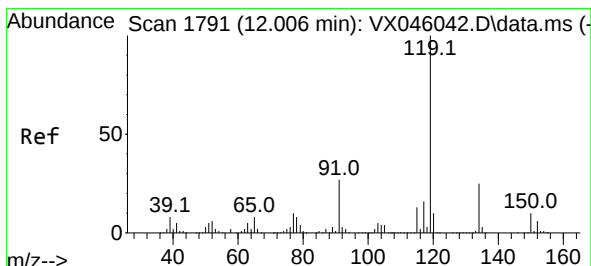
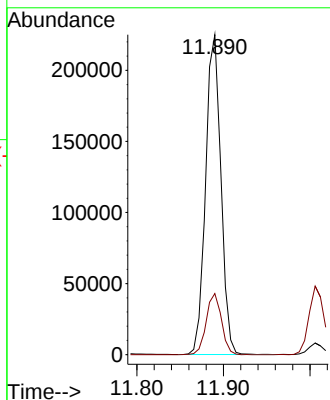
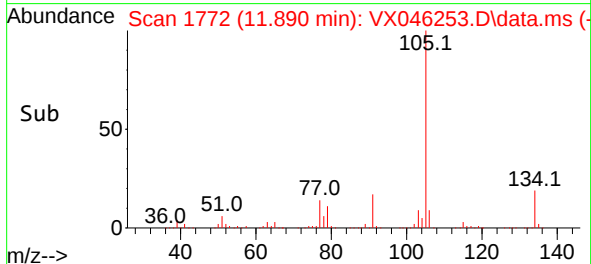
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



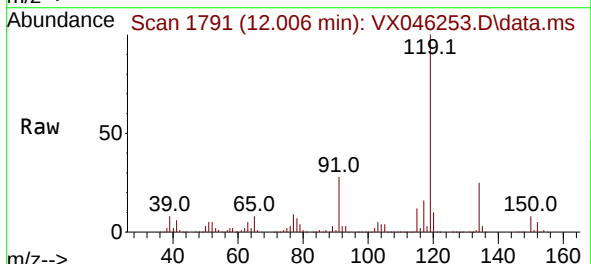
Tgt Ion:105 Resp: 27572
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1

Manual Integrations
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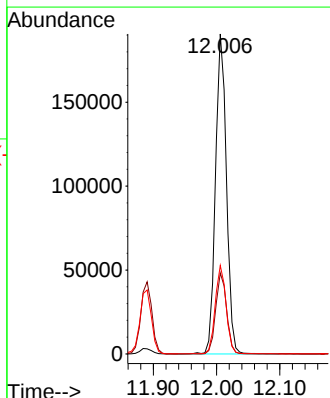
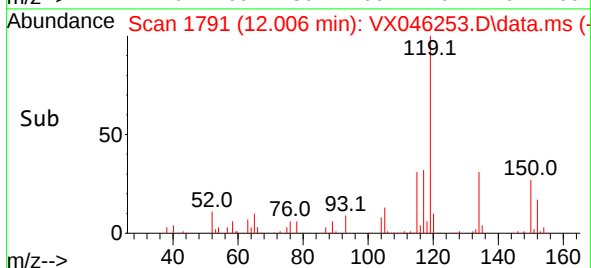
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#86
 p-Isopropyltoluene
 Concen: 56.352 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046253.D
 Acq: 16 May 2025 19:12



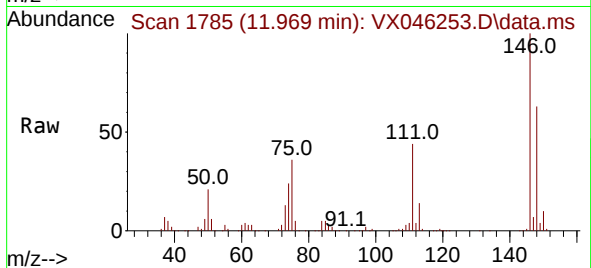
Tgt Ion:119 Resp: 229299
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 27.4 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 53.822 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

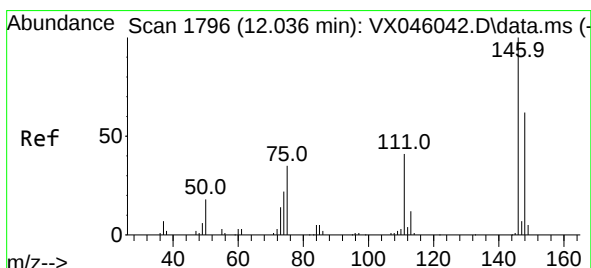
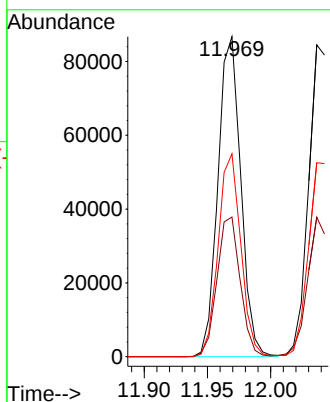
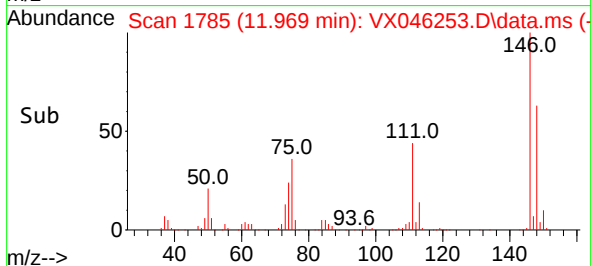
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



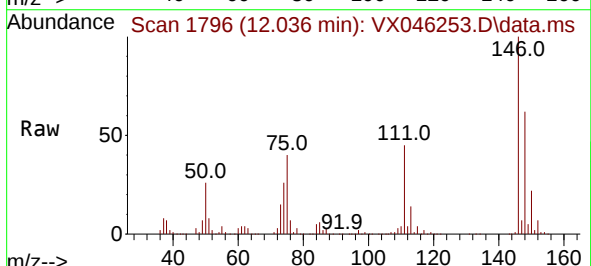
Tgt Ion:146 Resp: 108802
Ion Ratio Lower Upper
146 100
111 44.5 22.1 66.3
148 62.7 32.1 96.5

Manual Integrations
APPROVED

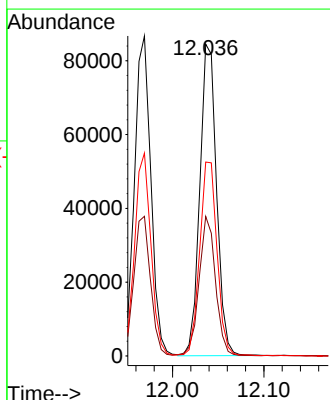
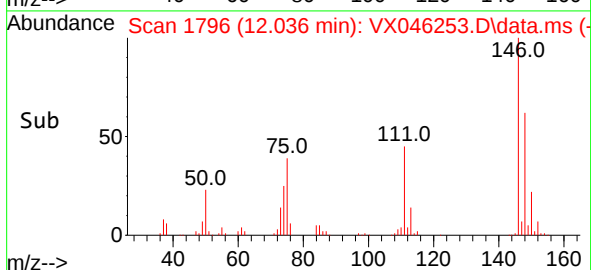
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

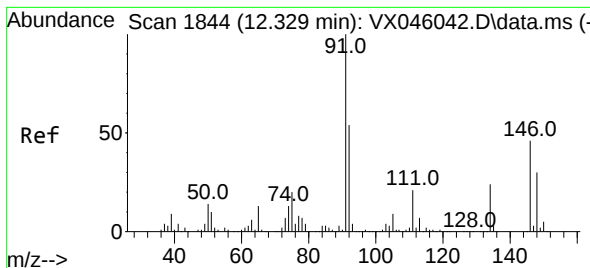


#88
1,4-Dichlorobenzene
Concen: 52.021 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12



Tgt Ion:146 Resp: 107398
Ion Ratio Lower Upper
146 100
111 44.1 21.3 63.9
148 64.4 31.9 95.5





#89

n-Butylbenzene

Concen: 55.496 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046253.D

Acq: 16 May 2025 19:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 198079

Ion Ratio Lower Upper

91 100

92 54.0 26.9 80.7

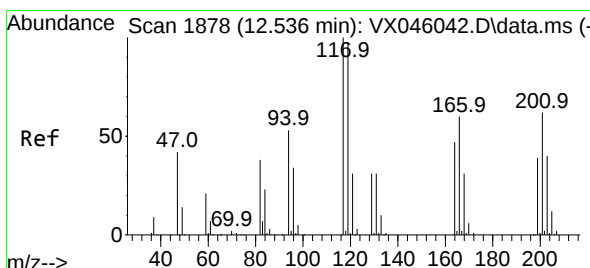
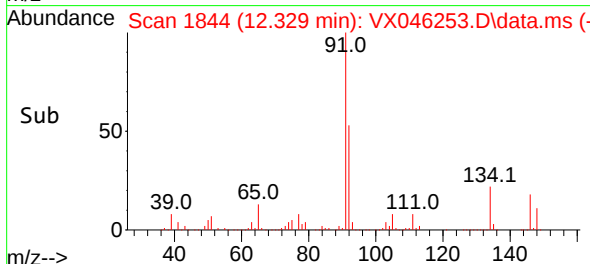
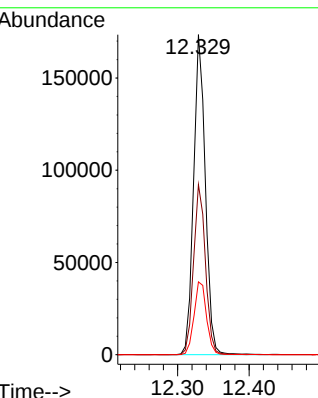
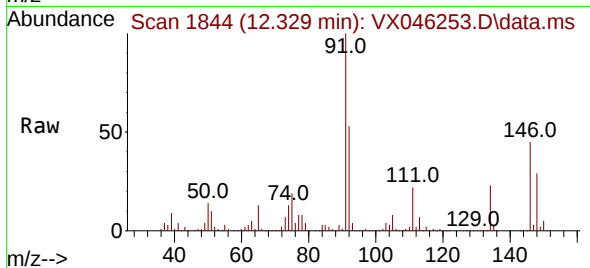
134 24.3 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#90

Hexachloroethane

Concen: 53.080 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046253.D

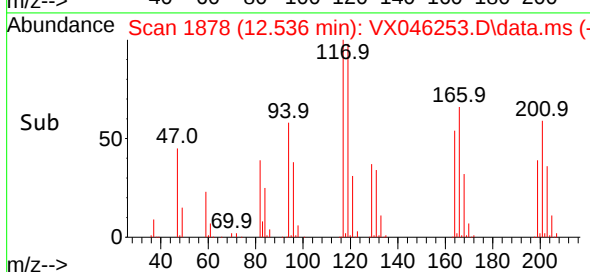
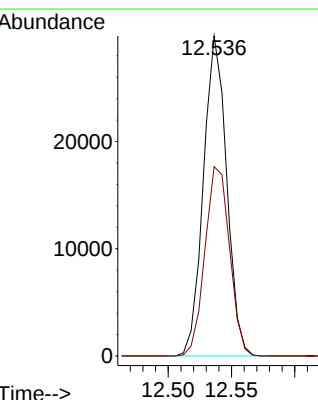
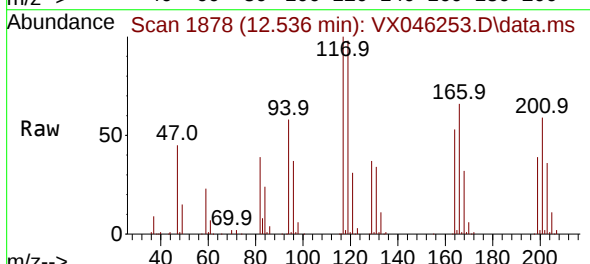
Acq: 16 May 2025 19:12

Tgt Ion:117 Resp: 38052

Ion Ratio Lower Upper

117 100

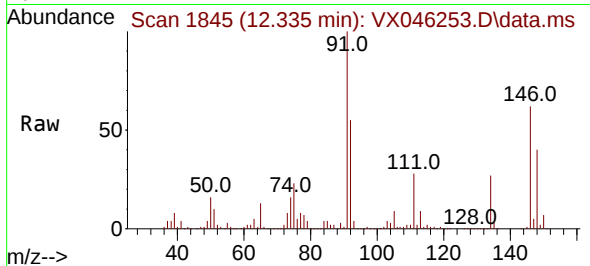
201 62.9 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 53.323 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

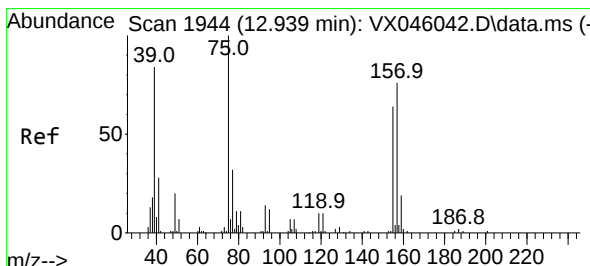
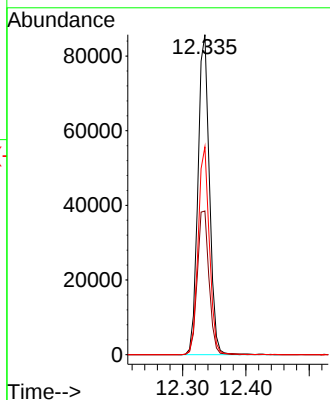
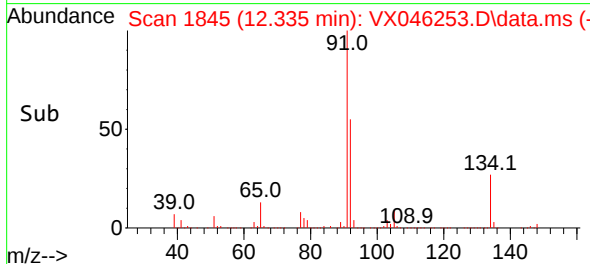
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 108170
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.3
148 63.8 31.6 94.8

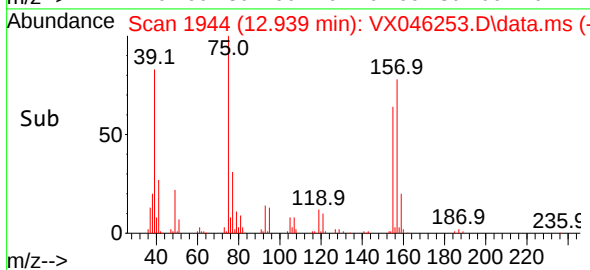
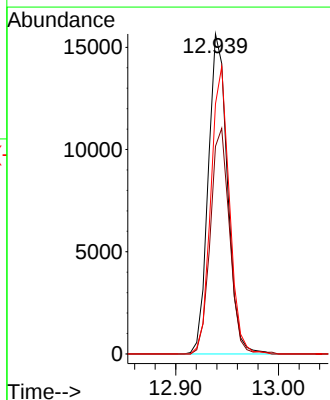
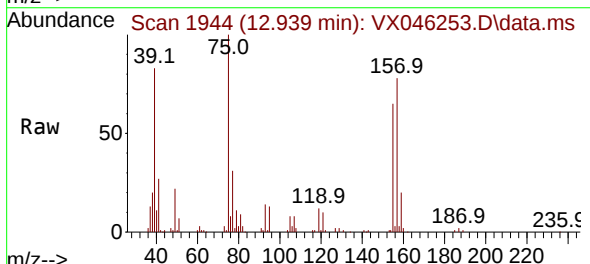
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.977 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

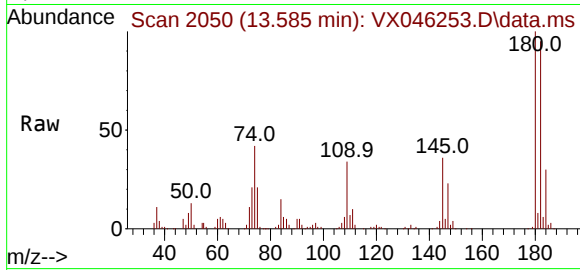
Tgt Ion: 75 Resp: 20363
Ion Ratio Lower Upper
75 100
155 70.1 34.9 104.8
157 86.3 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 53.971 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

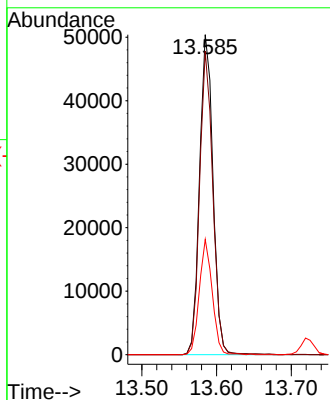
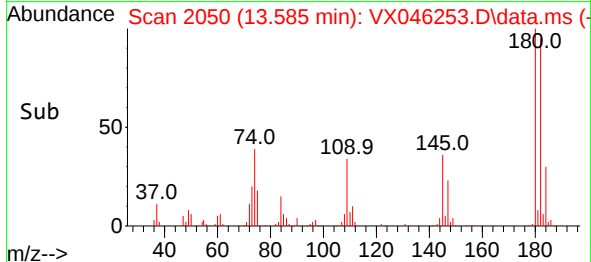
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



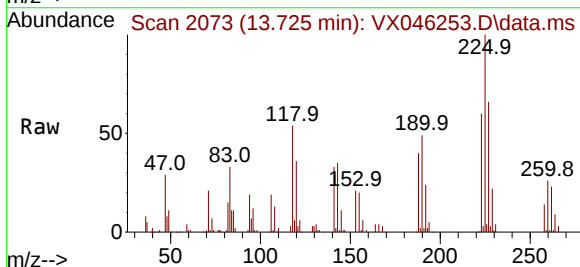
Tgt Ion:180 Resp: 6288
Ion Ratio Lower Upper
180 100
182 93.3 47.9 143.8
145 34.6 17.1 51.2

Manual Integrations
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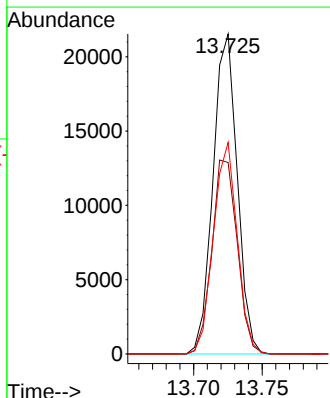
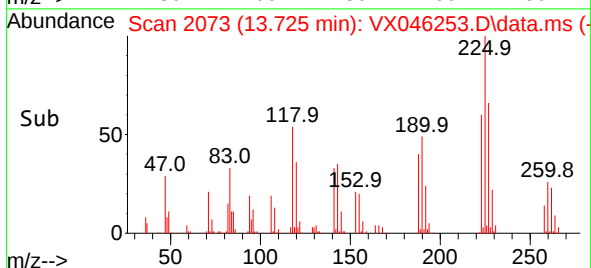
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#94
Hexachlorobutadiene
Concen: 51.955 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12



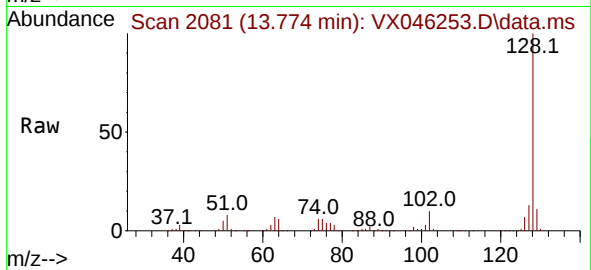
Tgt Ion:225 Resp: 26438
Ion Ratio Lower Upper
225 100
223 63.6 30.8 92.4
227 65.1 30.9 92.7





#95
Naphthalene
Concen: 55.253 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12

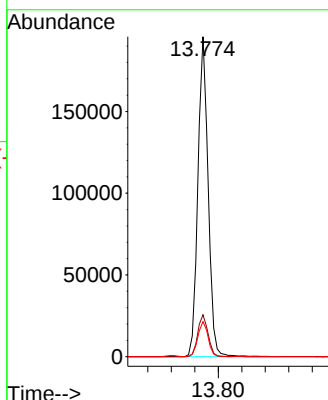
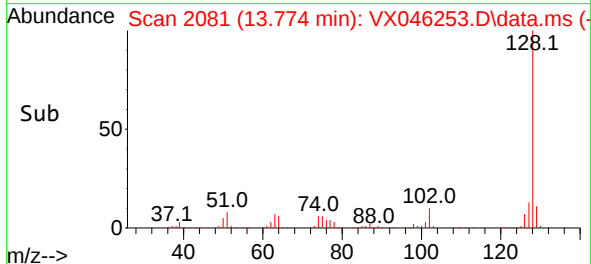
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



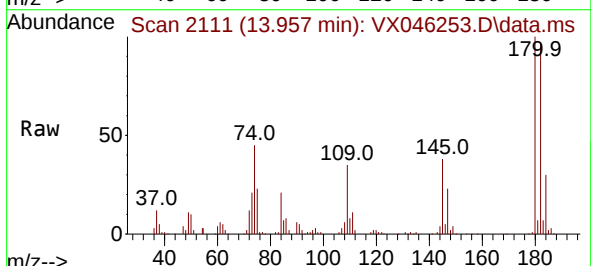
Tgt Ion:128 Resp: 23611
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.009 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046253.D
Acq: 16 May 2025 19:12



Tgt Ion:180 Resp: 63729
Ion Ratio Lower Upper
180 100
182 96.6 47.8 143.3
145 37.7 18.1 54.3

