

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
 Data File : VX046181.D
 Acq On : 14 May 2025 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2025
 Supervised By : Mahesh Dadoda 05/15/2025

Quant Time: May 15 01:16:41 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	5.543	168	92522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84565	49.026	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.060%		
35) Dibromofluoromethane	5.379	113	59183	52.783	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.560%		
50) Toluene-d8	8.640	98	201370	51.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.780%		
62) 4-Bromofluorobenzene	11.079	95	78977	53.054	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75455	53.283	ug/l	97
3) Chloromethane	1.306	50	69407	50.541	ug/l	98
4) Vinyl Chloride	1.373	62	63538	49.713	ug/l	99
5) Bromomethane	1.593	94	26858	45.307	ug/l	97
6) Chloroethane	1.666	64	33944	49.749	ug/l	97
7) Trichlorofluoromethane	1.873	101	96944	51.323	ug/l	98
8) Diethyl Ether	2.135	74	31040	48.272	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.318	101	60493	51.750	ug/l	99
10) Methyl Iodide	2.440	142	61544	44.495	ug/l	98
11) Tert butyl alcohol	2.983	59	58844	243.032	ug/l	99
12) 1,1-Dichloroethene	2.306	96	54016	49.236	ug/l	98
13) Acrolein	2.233	56	74317	269.517	ug/l	100
14) Allyl chloride	2.654	41	108978	51.975	ug/l	98
15) Acrylonitrile	3.062	53	177703	256.670	ug/l	97
16) Acetone	2.385	43	178746	258.450	ug/l	100
17) Carbon Disulfide	2.501	76	120213	46.219	ug/l	99
18) Methyl Acetate	2.702	43	86558	53.934	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	197109	51.246	ug/l	99
20) Methylene Chloride	2.782	84	62797	47.382	ug/l	96
21) trans-1,2-Dichloroethene	3.080	96	53849	48.808	ug/l	96
22) Diisopropyl ether	3.757	45	211893	52.318	ug/l	97
23) Vinyl Acetate	3.714	43	919719	258.187	ug/l	99
24) 1,1-Dichloroethane	3.599	63	114951	50.957	ug/l	98
25) 2-Butanone	4.556	43	259186	258.137	ug/l	99
26) 2,2-Dichloropropane	4.464	77	88821	50.305	ug/l	99
27) cis-1,2-Dichloroethene	4.476	96	66737	50.247	ug/l	99
28) Bromochloromethane	4.891	49	53358	49.140	ug/l	99
29) Tetrahydrofuran	5.001	42	160021	254.336	ug/l	99
30) Chloroform	5.086	83	120443	51.225	ug/l	96
31) Cyclohexane	5.458	56	100204	48.746	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	103781	50.918	ug/l	99
36) 1,1-Dichloropropene	5.684	75	75672	50.230	ug/l	99
37) Ethyl Acetate	4.708	43	95498	51.307	ug/l	99
38) Carbon Tetrachloride	5.671	117	88471	52.266	ug/l	97
39) Methylcyclohexane	7.372	83	98803	50.942	ug/l	95
40) Benzene	6.025	78	229214	51.944	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	55872	57.383	ug/l	99
42) 1,2-Dichloroethane	6.080	62	100162	52.592	ug/l	100
43) Isopropyl Acetate	6.336	43	152717	53.783	ug/l	100
44) Trichloroethene	7.122	130	55066	51.848	ug/l	100
45) 1,2-Dichloropropane	7.421	63	59276	54.022	ug/l	100
46) Dibromomethane	7.573	93	45403	52.464	ug/l	99
47) Bromodichloromethane	7.817	83	92130	54.051	ug/l	98
48) Methyl methacrylate	7.689	41	79292	54.678	ug/l	99
49) 1,4-Dioxane	7.659	88	29613	1075.475	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	507725	269.373	ug/l	100
52) Toluene	8.713	92	141251	52.203	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	82854	54.688	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	90937	54.307	ug/l	99
55) 1,1,2-Trichloroethane	9.146	97	57222	53.633	ug/l	96
56) Ethyl methacrylate	9.116	69	95191	55.981	ug/l	99
57) 1,3-Dichloropropane	9.305	76	100399	52.398	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	250117	288.517	ug/l	100
59) 2-Hexanone	9.427	43	373605	267.919	ug/l	100
60) Dibromochloromethane	9.518	129	65246	55.684	ug/l	100
61) 1,2-Dibromoethane	9.604	107	58733	52.965	ug/l	98
64) Tetrachloroethene	9.268	164	49716	50.004	ug/l	97
65) Chlorobenzene	10.073	112	154083	50.098	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	53417	50.862	ug/l	99
67) Ethyl Benzene	10.189	91	281152	51.859	ug/l	99
68) m/p-Xylenes	10.299	106	206571	104.178	ug/l	98
69) o-Xylene	10.640	106	100862	52.176	ug/l	97
70) Styrene	10.652	104	173899	54.916	ug/l	100
71) Bromoform	10.799	173	41583	52.737	ug/l #	98
73) Isopropylbenzene	10.957	105	273816	53.491	ug/l	99
74) N-amyl acetate	10.841	43	130717	51.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87500	48.778	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	77241m	48.805	ug/l	
77) Bromobenzene	11.195	156	61354	51.627	ug/l	100
78) n-propylbenzene	11.298	91	320409	53.832	ug/l	100
79) 2-Chlorotoluene	11.359	91	196787	51.259	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	234370	54.804	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24582	50.568	ug/l	99
82) 4-Chlorotoluene	11.451	91	226547	53.213	ug/l	99
83) tert-Butylbenzene	11.713	119	227279	52.762	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	230811	53.296	ug/l	100
85) sec-Butylbenzene	11.890	105	287878	54.429	ug/l	100
86) p-Isopropyltoluene	12.006	119	237747	54.457	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	113068	52.131	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	112173	50.642	ug/l	99
89) n-Butylbenzene	12.329	91	213223	55.679	ug/l	99
90) Hexachloroethane	12.536	117	40847	53.107	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	112711	51.786	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20686	52.054	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	67243	53.791	ug/l	98
94) Hexachlorobutadiene	13.725	225	28755	52.668	ug/l	98
95) Naphthalene	13.774	128	238800	52.084	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	69216	53.661	ug/l	97

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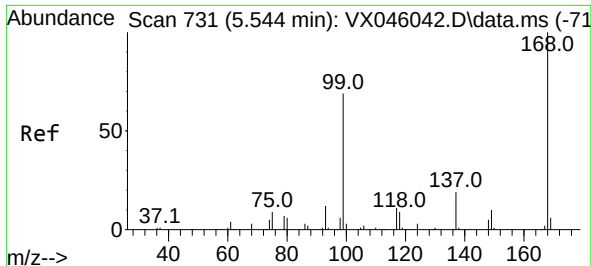
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/15/2025

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Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

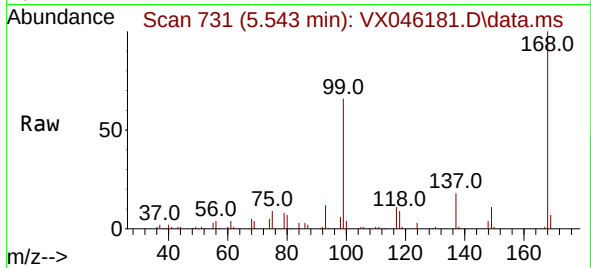
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
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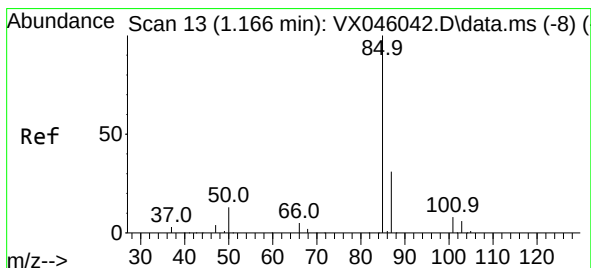
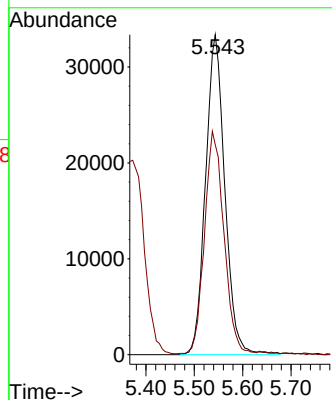
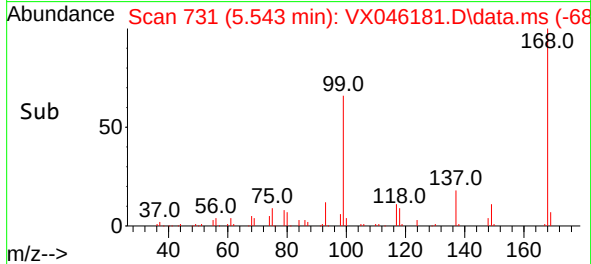
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 9252
Ion Ratio Lower Upper
168 100
99 65.3 54.9 82.3

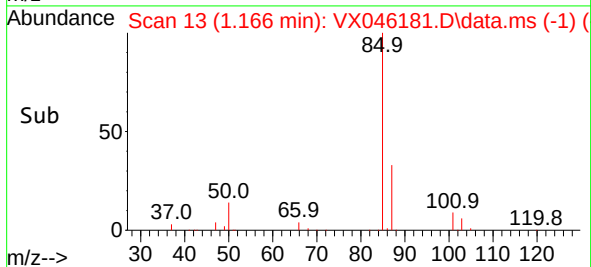
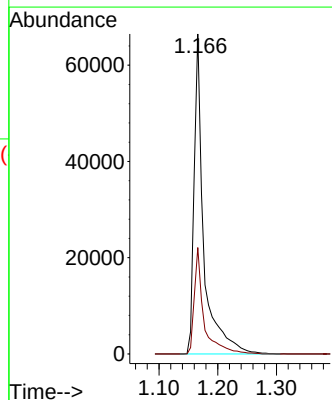
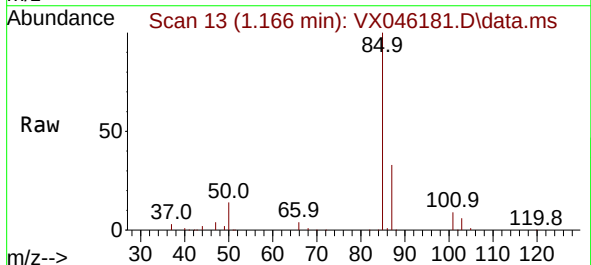
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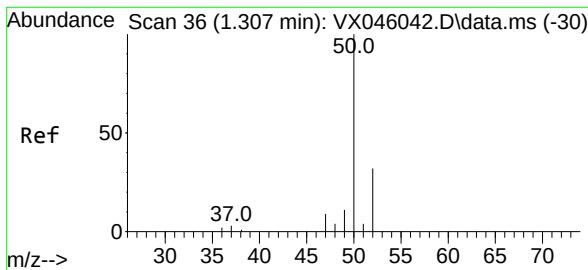
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#2
Dichlorodifluoromethane
Concen: 53.283 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Tgt Ion: 85 Resp: 75455
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.1





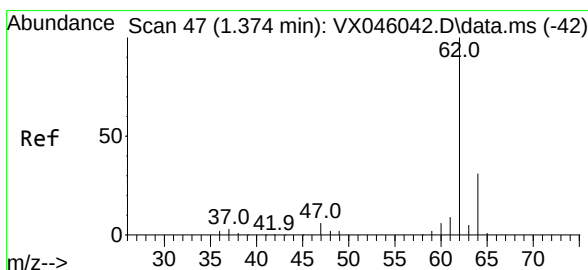
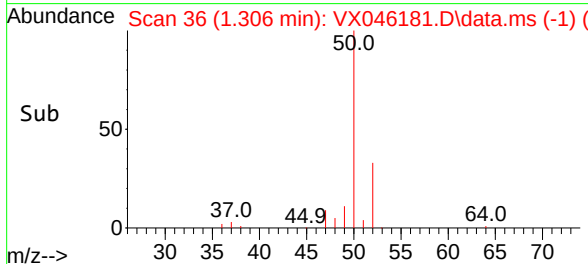
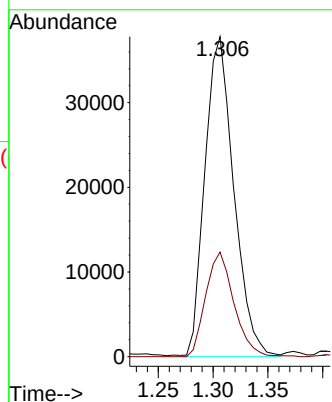
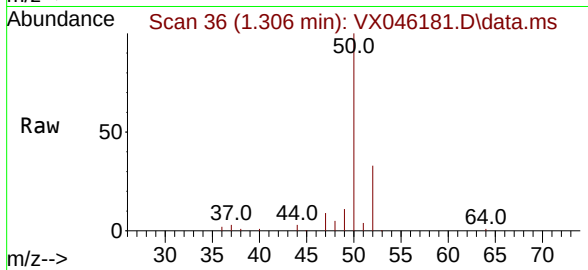
#3
Chloromethane
Concen: 50.541 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046181.D
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MSVOA_X
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Tgt Ion: 50 Resp: 6940
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2

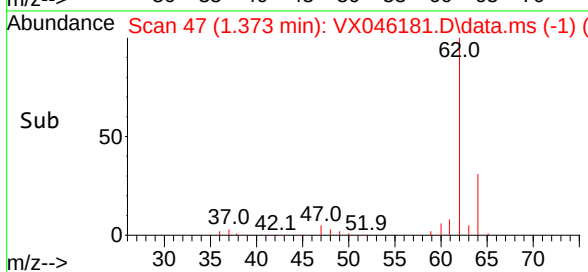
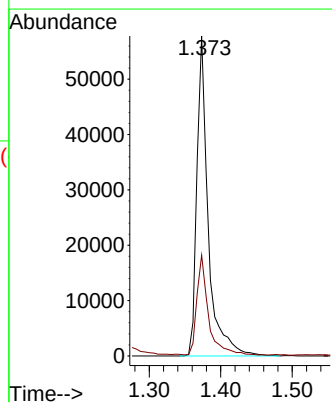
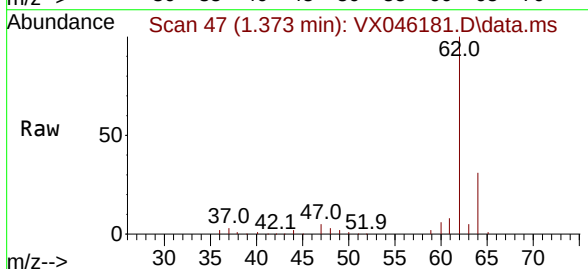
Manual Integrations
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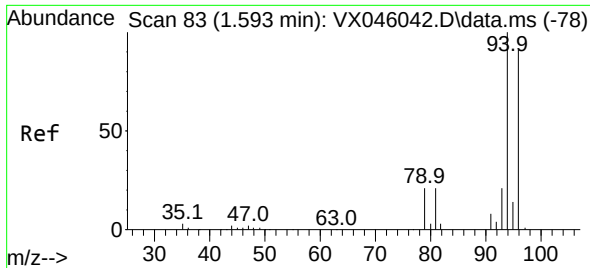
Reviewed By :John Carlone 05/15/2025
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#4
Vinyl Chloride
Concen: 49.713 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046181.D
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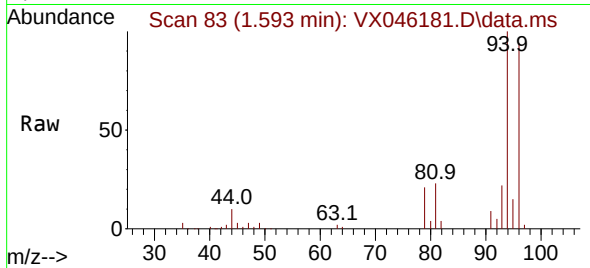
Tgt Ion: 62 Resp: 63538
Ion Ratio Lower Upper
62 100
64 31.2 25.2 37.8





#5
Bromomethane
Concen: 45.307 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046181.D
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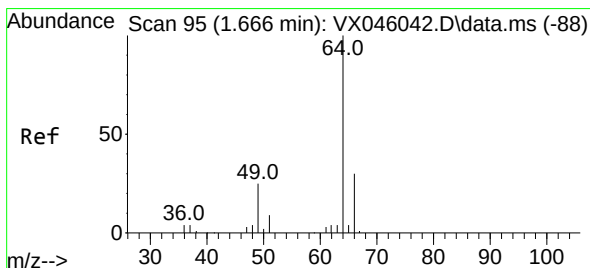
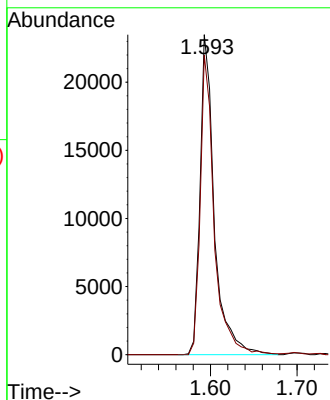
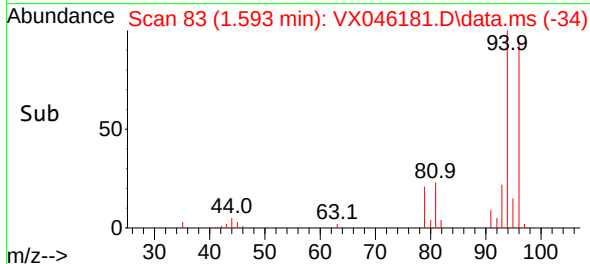
Instrument :
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Tgt Ion: 94 Resp: 2685
Ion Ratio Lower Upper
94 100
96 93.7 72.8 109.2

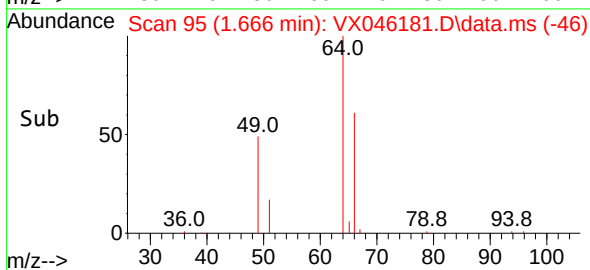
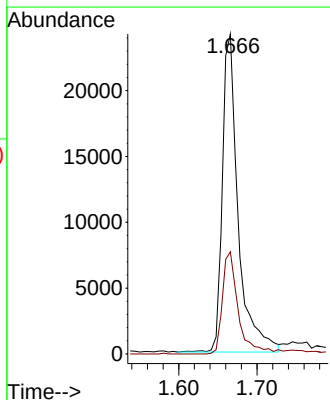
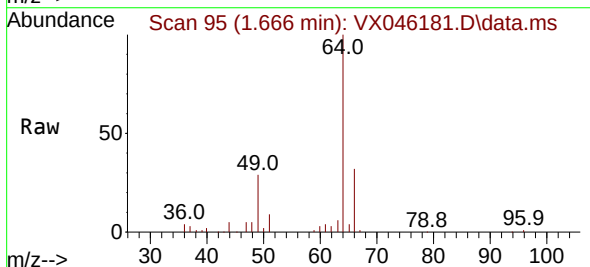
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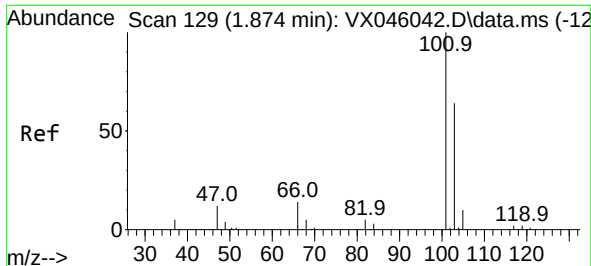
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#6
Chloroethane
Concen: 49.749 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046181.D
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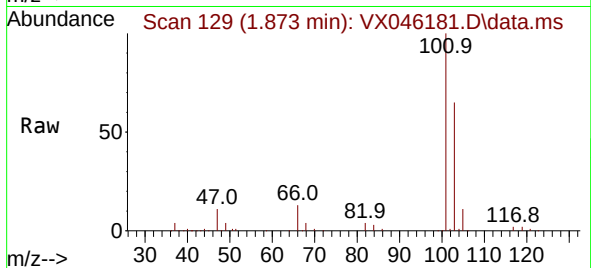
Tgt Ion: 64 Resp: 33944
Ion Ratio Lower Upper
64 100
66 32.1 24.3 36.5





#7
Trichlorofluoromethane
Concen: 51.323 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046181.D
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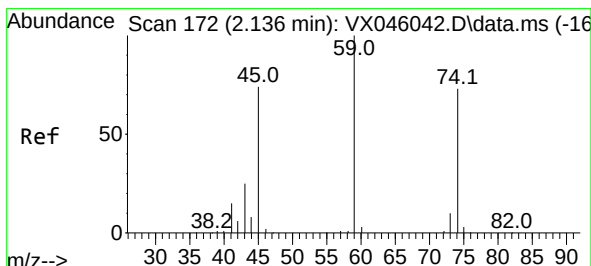
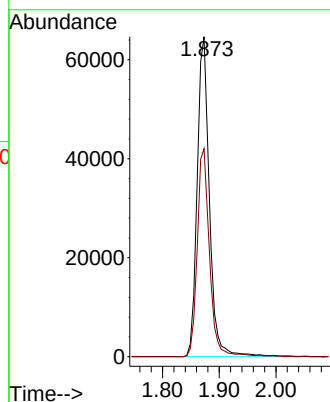
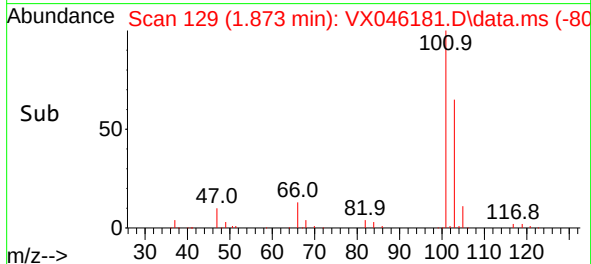
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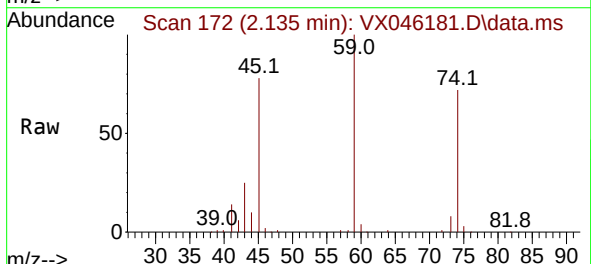
Tgt Ion:101 Resp: 96944
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.4

Manual Integrations
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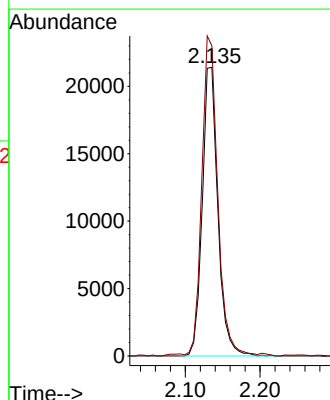
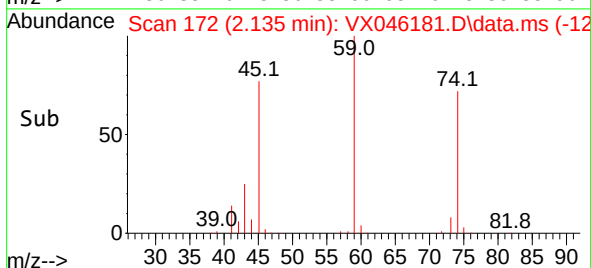
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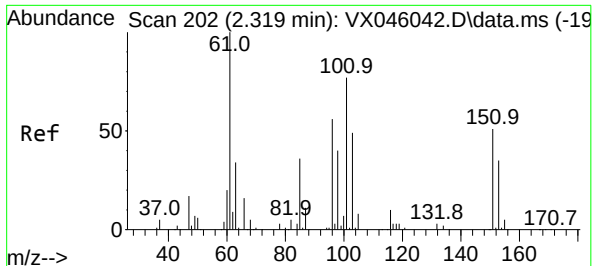


#8
Diethyl Ether
Concen: 48.272 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59



Tgt Ion: 74 Resp: 31040
Ion Ratio Lower Upper
74 100
45 113.7 54.9 164.8





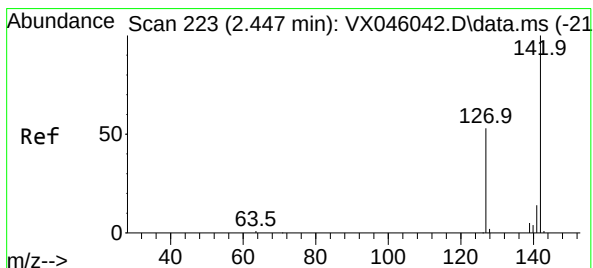
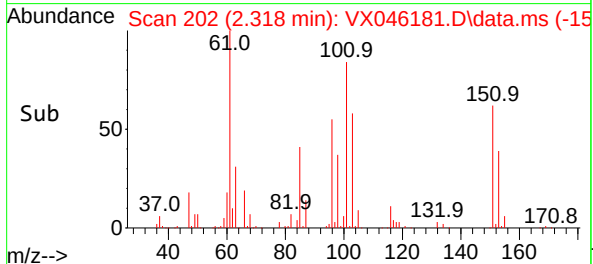
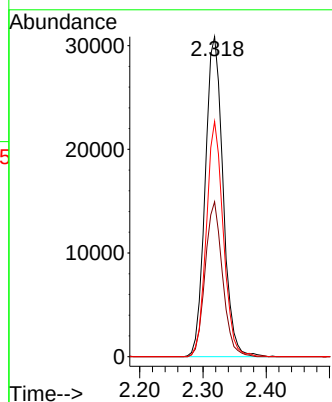
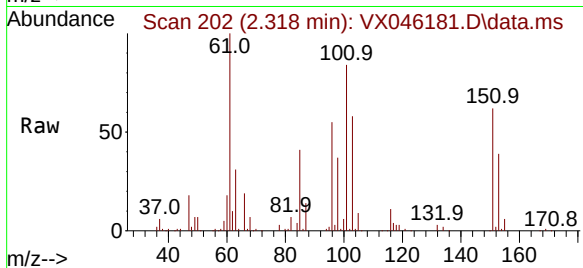
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.750 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046181.D
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Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6049
Ion Ratio Lower Upper
101 100
85 47.2 38.6 58.0
151 70.1 55.2 82.8

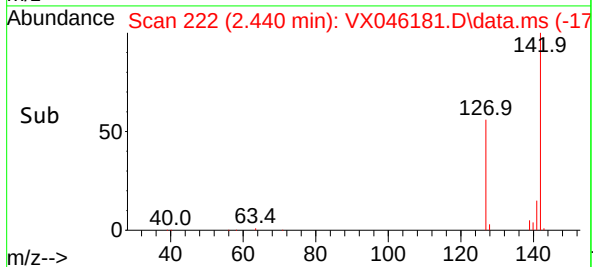
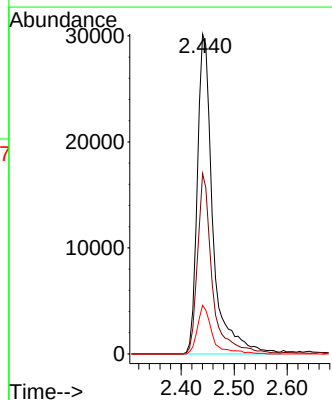
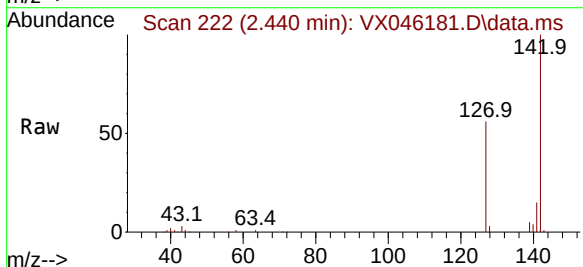
Manual Integrations
APPROVED

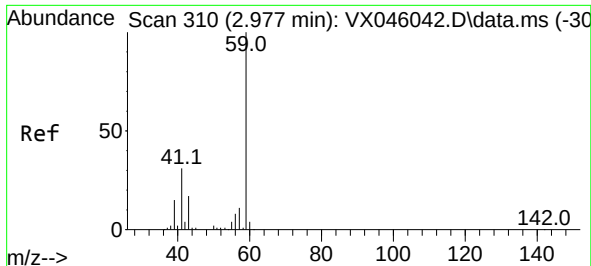
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#10
Methyl Iodide
Concen: 44.495 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Tgt Ion:142 Resp: 61544
Ion Ratio Lower Upper
142 100
127 53.8 41.7 62.5
141 14.6 11.5 17.3





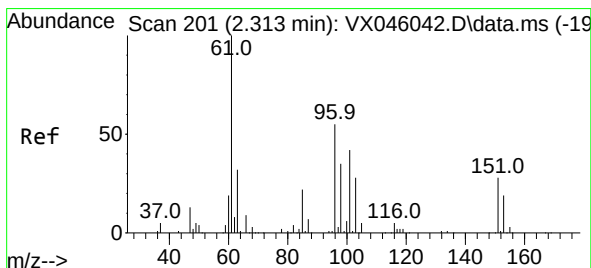
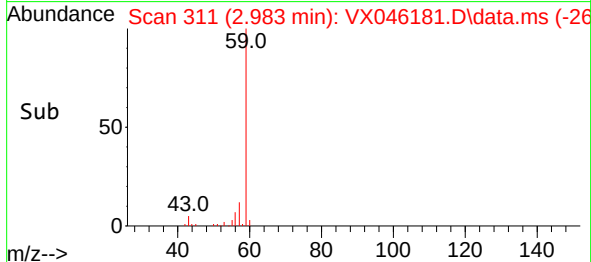
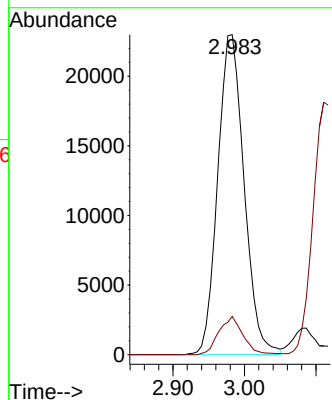
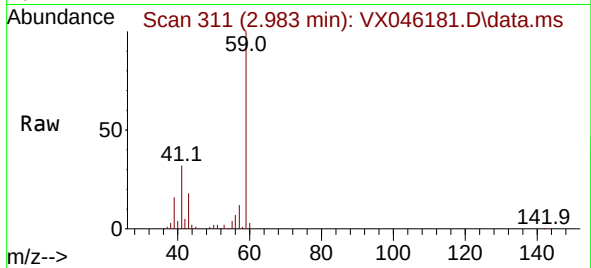
#11
Tert butyl alcohol
Concen: 243.032 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5884
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

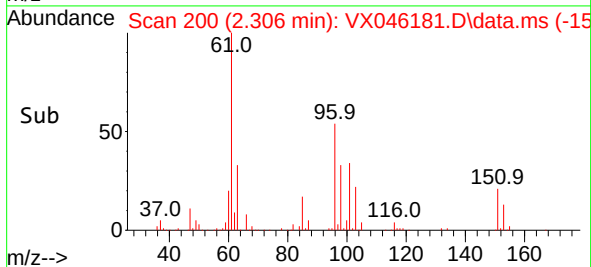
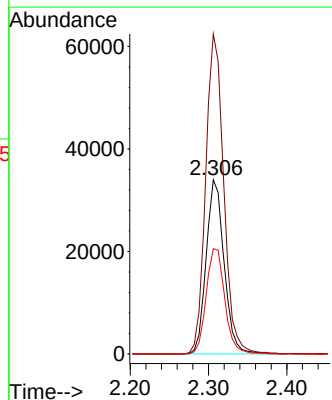
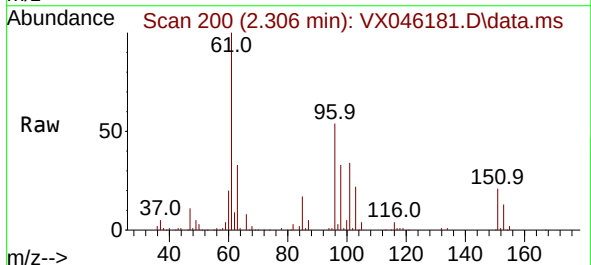
Manual Integrations
APPROVED

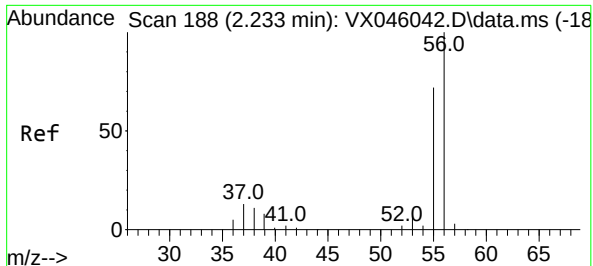
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#12
1,1-Dichloroethene
Concen: 49.236 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

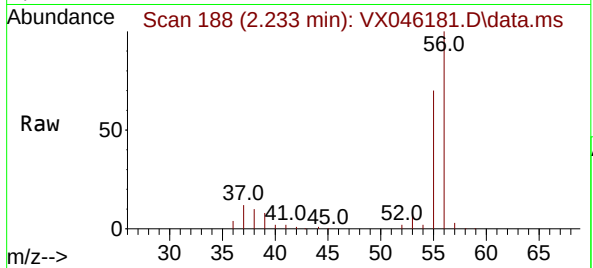
Tgt Ion: 96 Resp: 54016
Ion Ratio Lower Upper
96 100
61 183.6 146.2 219.2
98 60.4 51.0 76.6





#13
Acrolein
Concen: 269.517 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

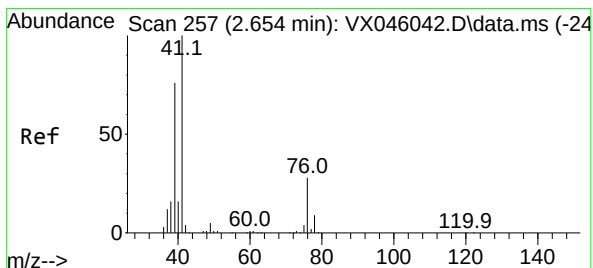
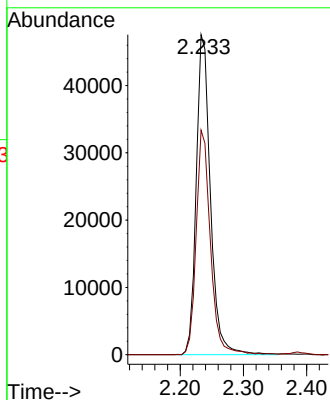
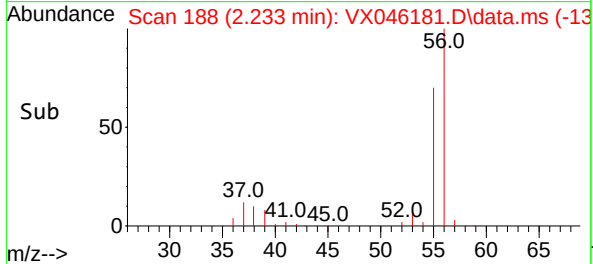
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7431
Ion Ratio Lower Upper
56 100
55 70.7 56.2 84.4

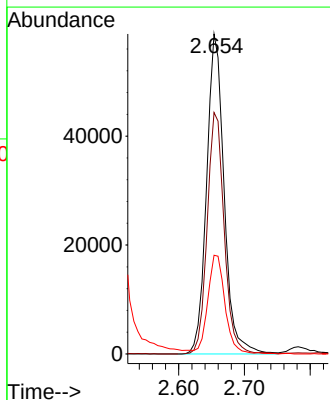
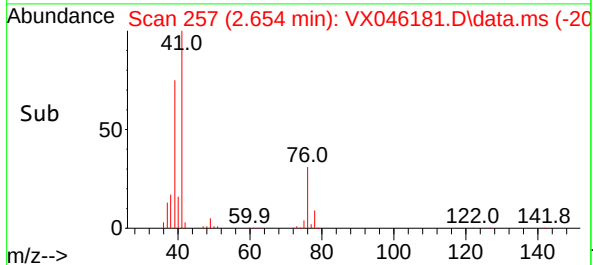
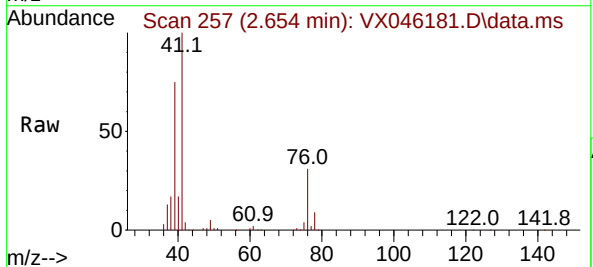
Manual Integrations
APPROVED

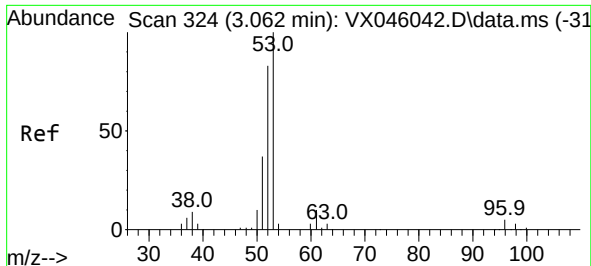
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#14
Allyl chloride
Concen: 51.975 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Tgt Ion: 41 Resp: 108978
Ion Ratio Lower Upper
41 100
39 73.2 60.6 90.8
76 30.4 24.9 37.3





#15

Acrylonitrile

Concen: 256.670 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

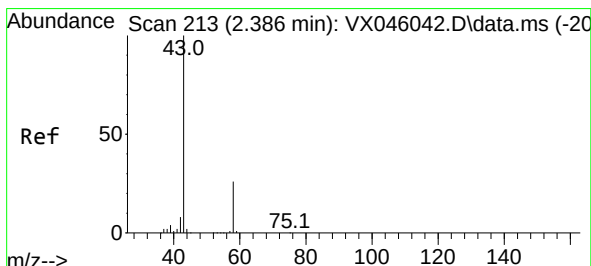
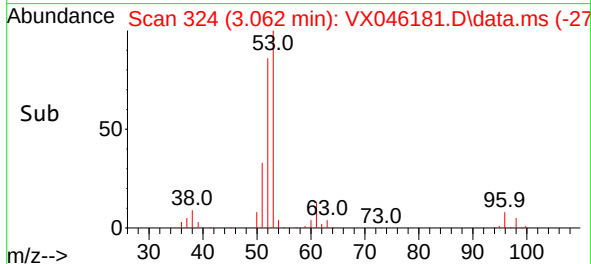
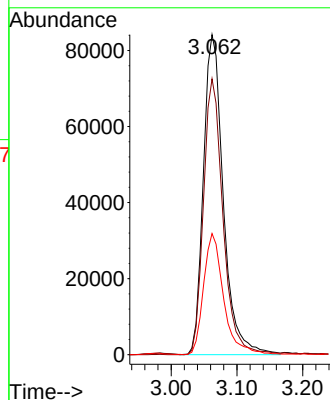
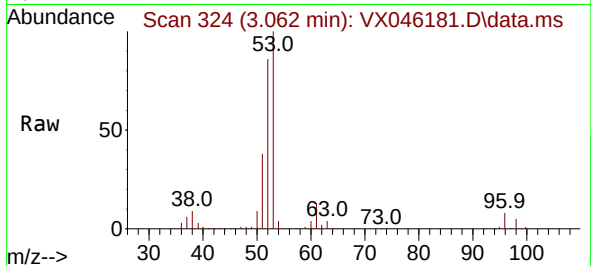
Tgt Ion:	53	Resp:	17770
Ion	Ratio	Lower	Upper
53	100		
52	84.6	65.3	97.9
51	38.3	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#16

Acetone

Concen: 258.450 ug/l

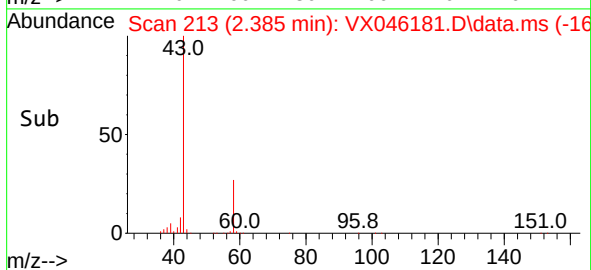
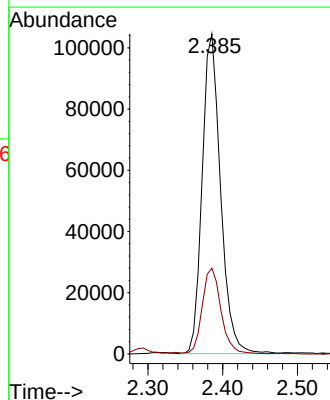
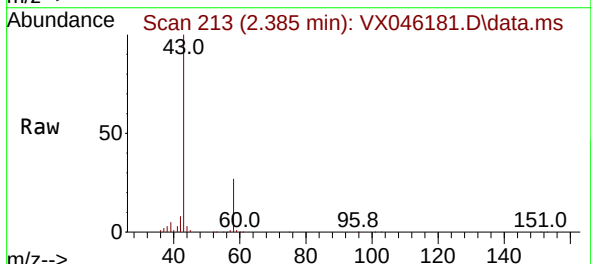
RT: 2.385 min Scan# 213

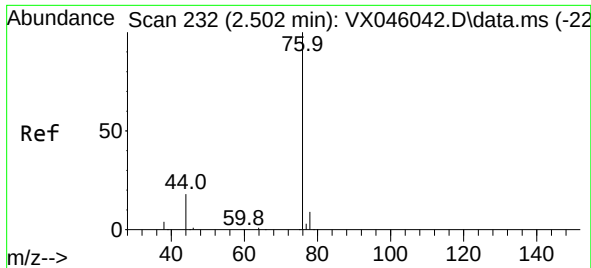
Delta R.T. -0.000 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

Tgt Ion:	43	Resp:	178746
Ion	Ratio	Lower	Upper
43	100		
58	26.7	21.2	31.8





#17

Carbon Disulfide

Concen: 46.219 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12021

Ion Ratio Lower Upper

76 100

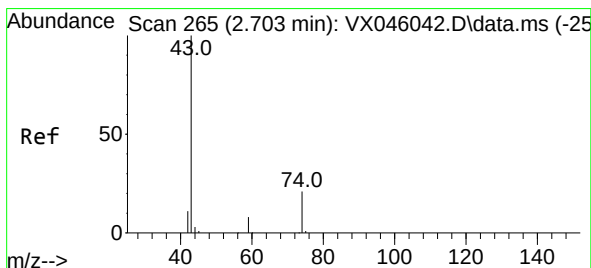
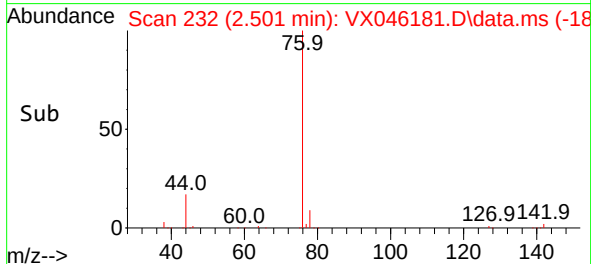
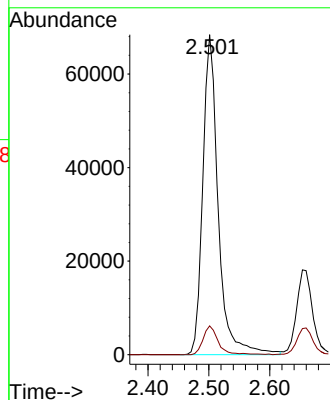
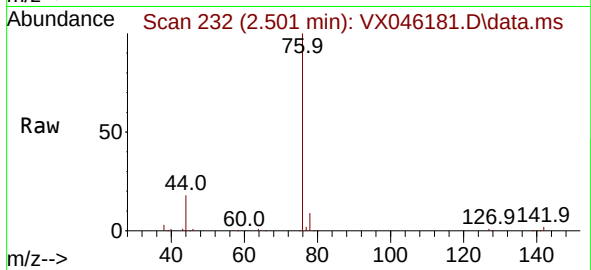
78 9.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#18

Methyl Acetate

Concen: 53.934 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046181.D

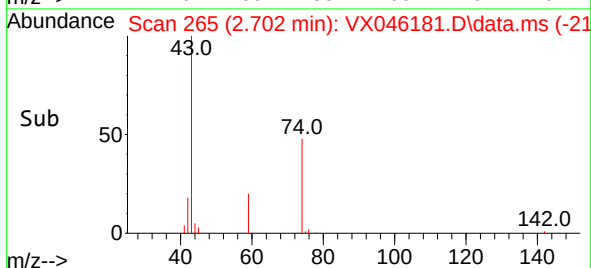
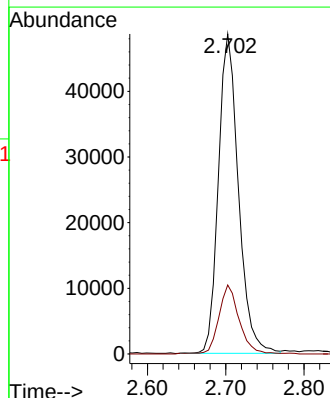
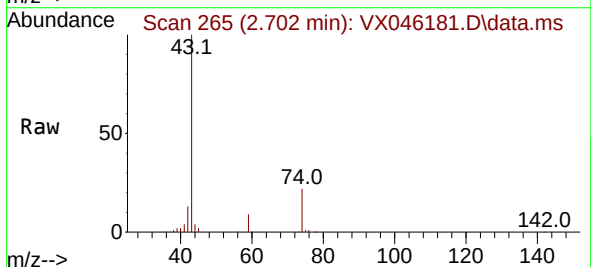
Acq: 14 May 2025 09:59

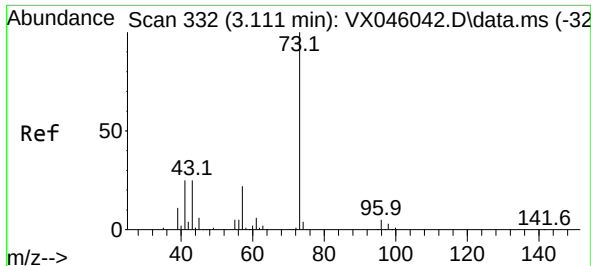
Tgt Ion: 43 Resp: 86558

Ion Ratio Lower Upper

43 100

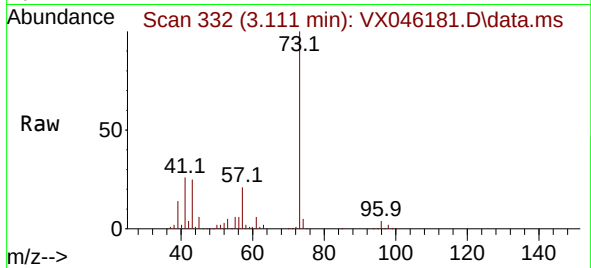
74 22.1 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 51.246 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

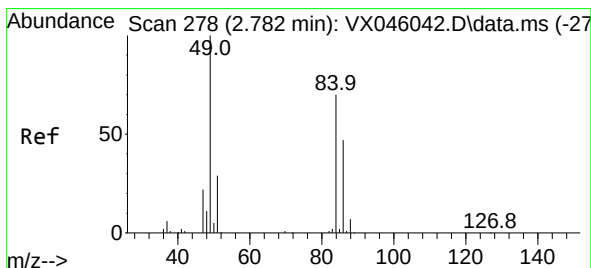
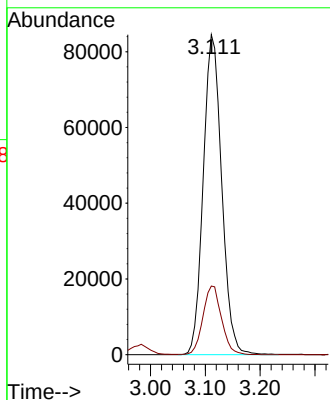
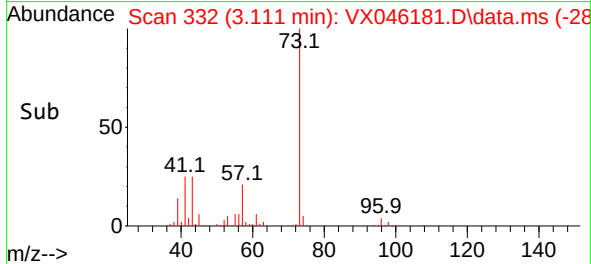
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 197109
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

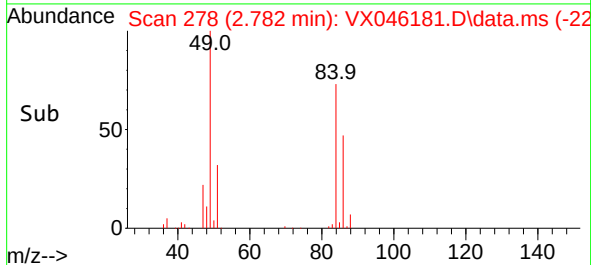
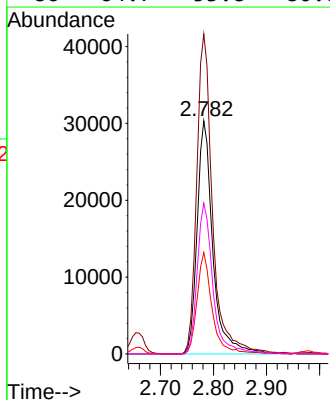
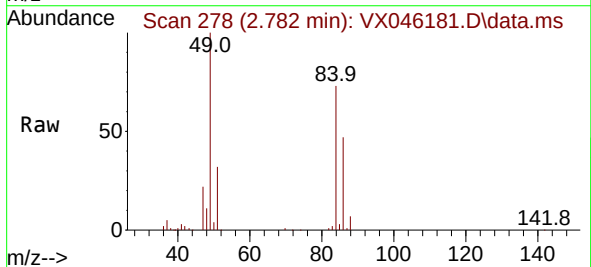
Manual Integrations
APPROVED

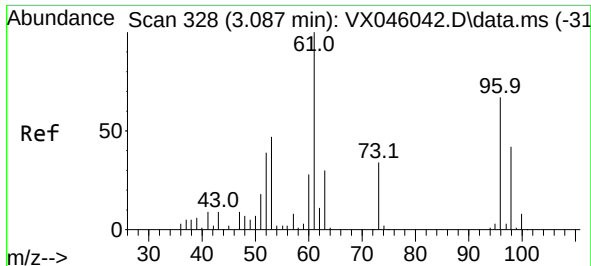
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#20
Methylene Chloride
Concen: 47.382 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

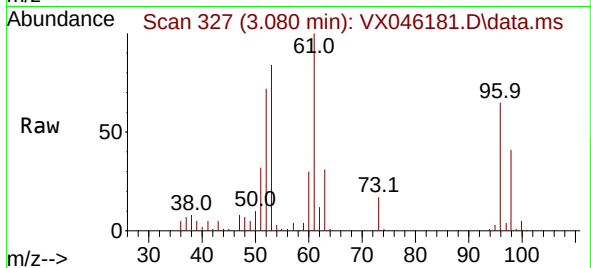
Tgt Ion: 84 Resp: 62797
Ion Ratio Lower Upper
84 100
49 137.2 113.9 170.9
51 43.5 33.5 50.3
86 64.7 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 48.808 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

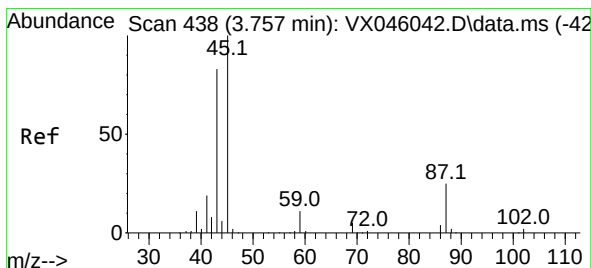
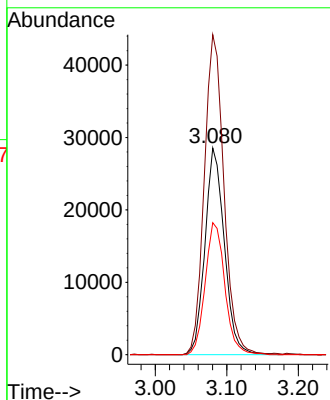
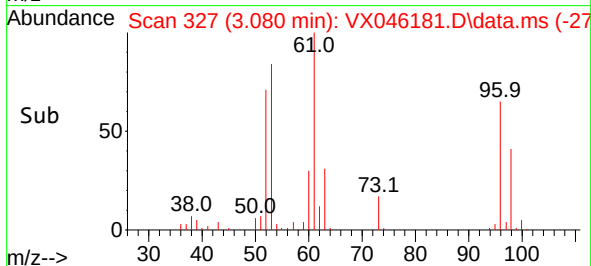
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



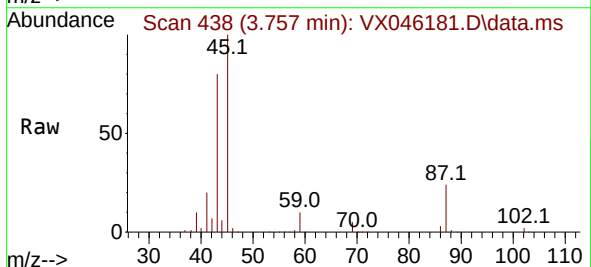
Tgt Ion: 96 Resp: 53849
Ion Ratio Lower Upper
96 100
61 154.8 119.5 179.3
98 63.9 50.0 75.0

Manual Integrations
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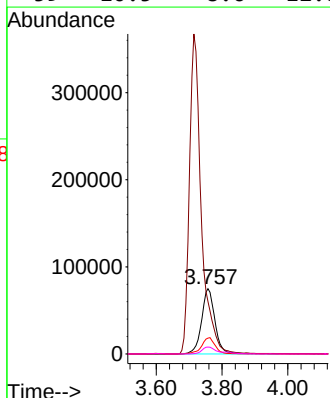
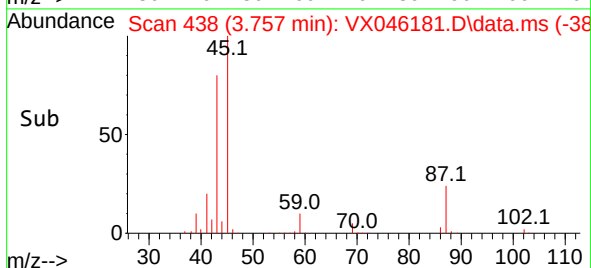
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

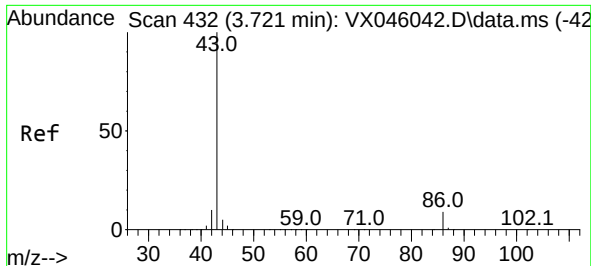


#22
Diisopropyl ether
Concen: 52.318 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59



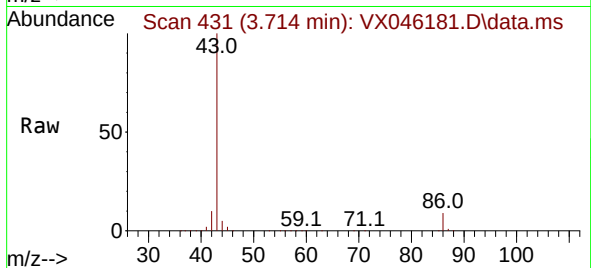
Tgt Ion: 45 Resp: 211893
Ion Ratio Lower Upper
45 100
43 80.2 66.6 100.0
87 24.3 19.8 29.6
59 10.5 8.6 12.8





#23
 Vinyl Acetate
 Concen: 258.187 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046181.D
 Acq: 14 May 2025 09:59

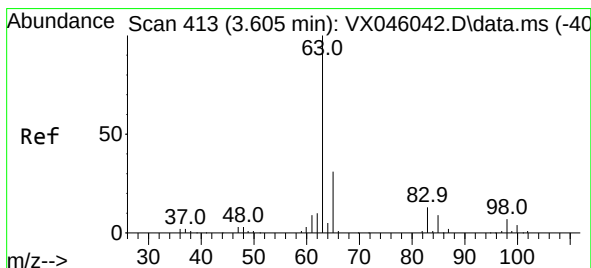
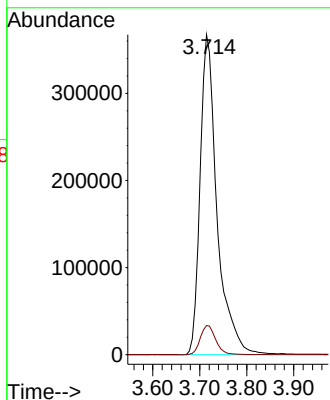
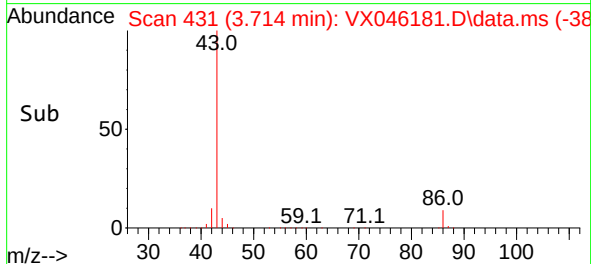
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



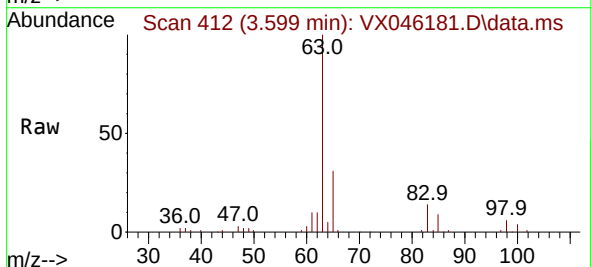
Tgt Ion: 43 Resp: 919719
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3

Manual Integrations
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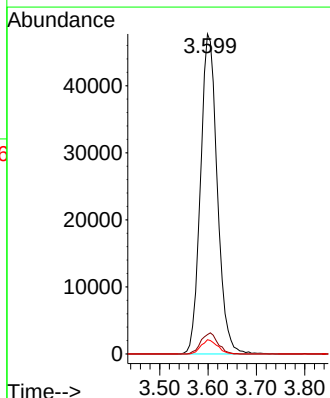
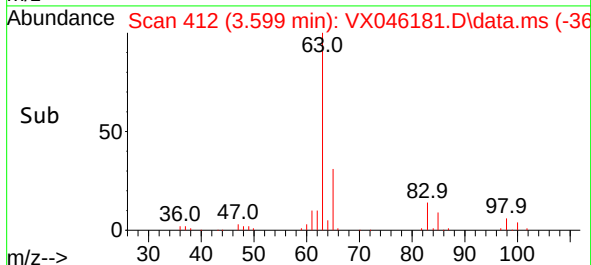
Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025

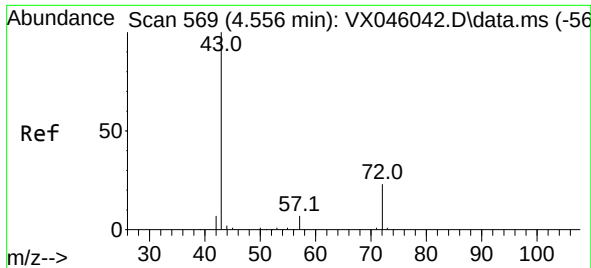


#24
 1,1-Dichloroethane
 Concen: 50.957 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046181.D
 Acq: 14 May 2025 09:59



Tgt Ion: 63 Resp: 114951
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.6 10.8
 100 4.4 2.1 6.3





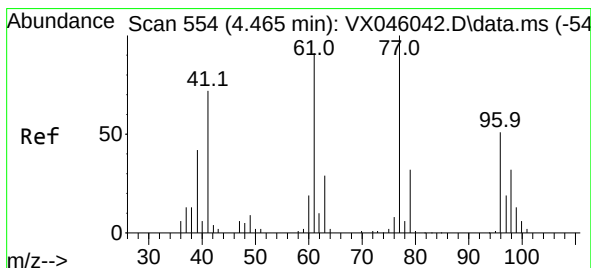
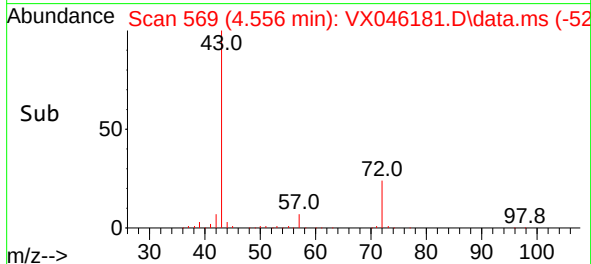
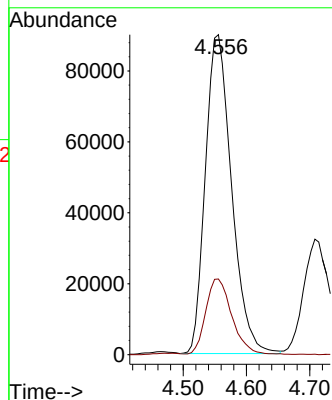
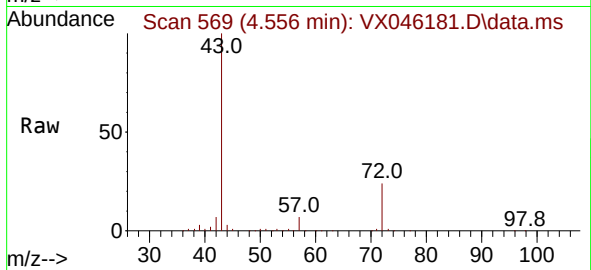
#25
2-Butanone
Concen: 258.137 ug/l
RT: 4.556 min Scan# 509
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 259180
Ion Ratio Lower Upper
43 100
72 23.4 18.4 27.6

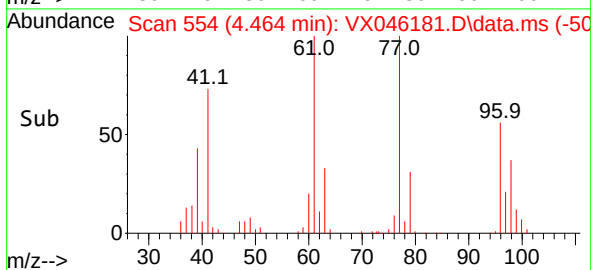
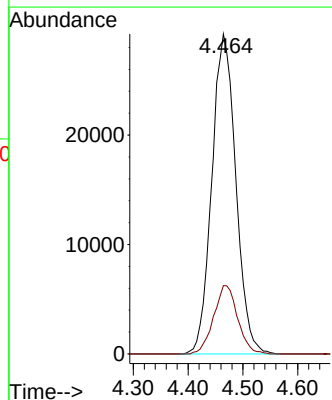
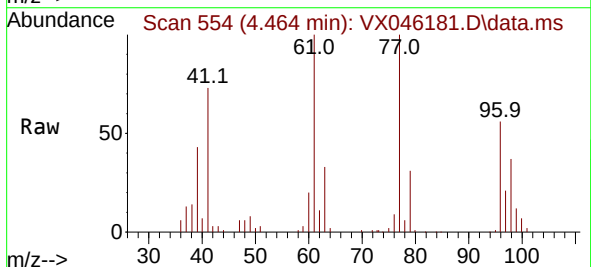
Manual Integrations
APPROVED

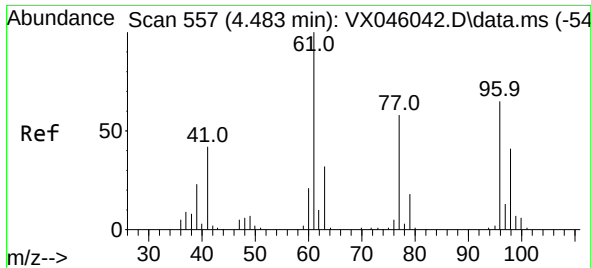
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#26
2,2-Dichloropropane
Concen: 50.305 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Tgt Ion: 77 Resp: 88821
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 50.247 ug/l

RT: 4.476 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 6673

Ion Ratio Lower Upper

96 100

61 163.1 0.0 322.8

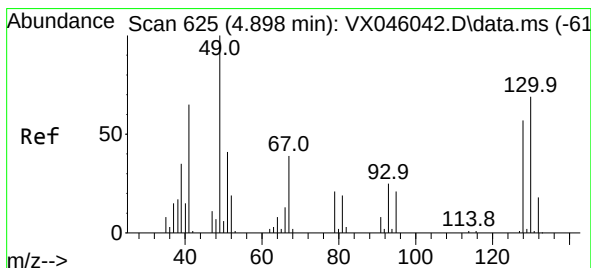
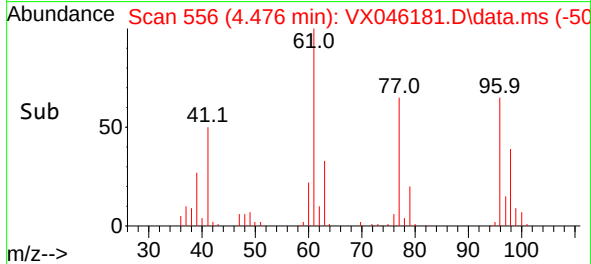
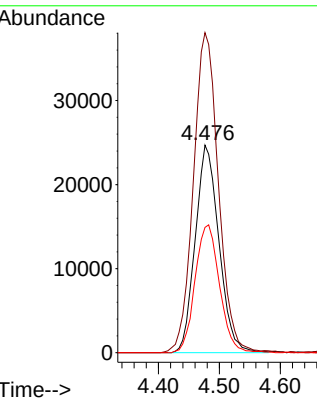
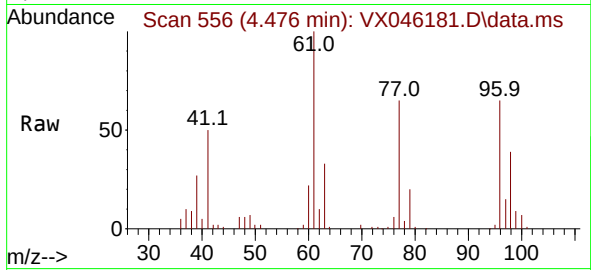
98 63.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#28

Bromochloromethane

Concen: 49.140 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

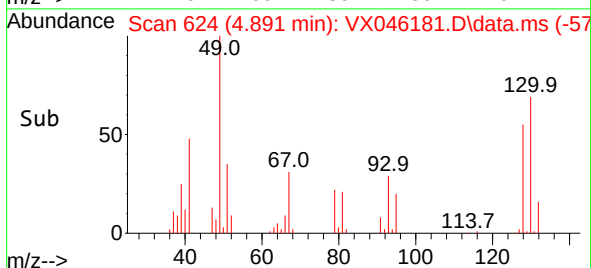
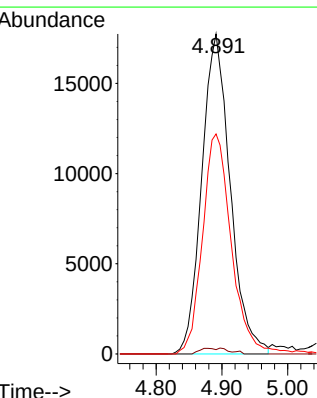
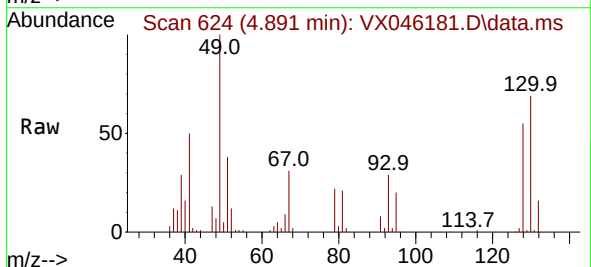
Tgt Ion: 49 Resp: 53358

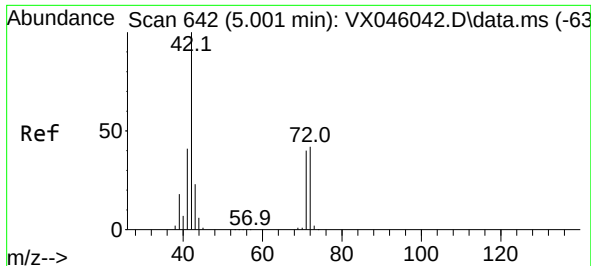
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.0

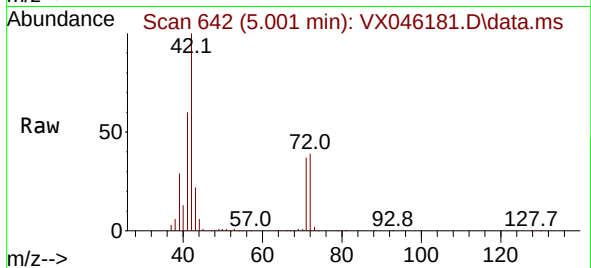
130 69.6 56.2 84.2





#29
Tetrahydrofuran
Concen: 254.336 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

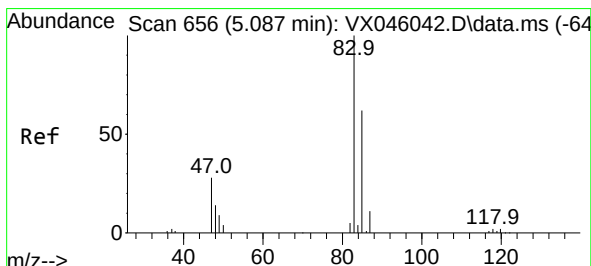
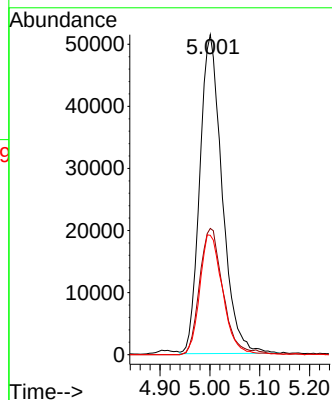
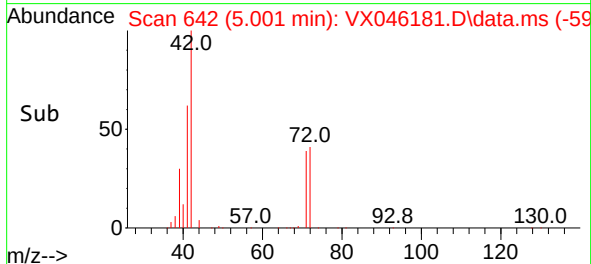
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 16002
Ion Ratio Lower Upper
42 100
72 41.7 33.7 50.5
71 38.6 31.4 47.2

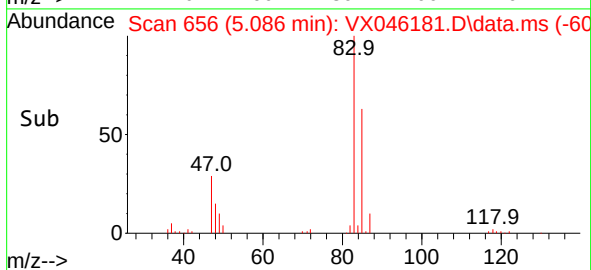
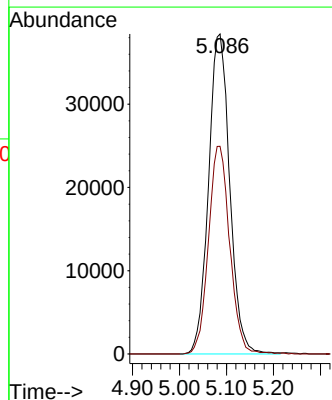
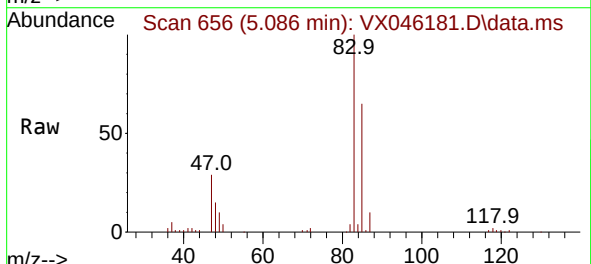
Manual Integrations
APPROVED

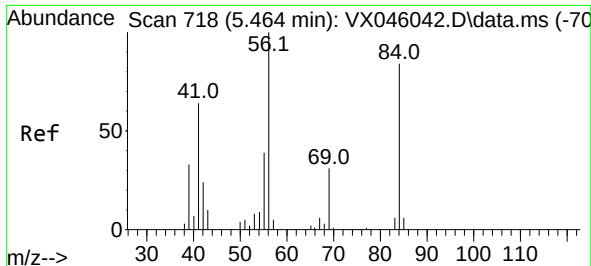
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#30
Chloroform
Concen: 51.225 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

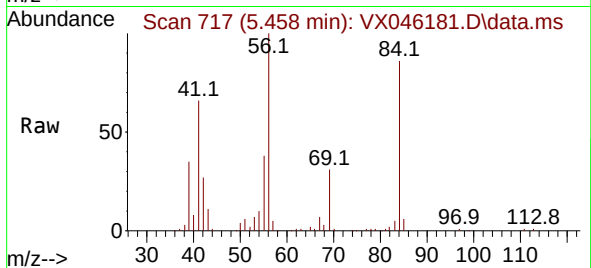
Tgt Ion: 83 Resp: 120443
Ion Ratio Lower Upper
83 100
85 64.9 49.3 73.9





#31
Cyclohexane
Concen: 48.746 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

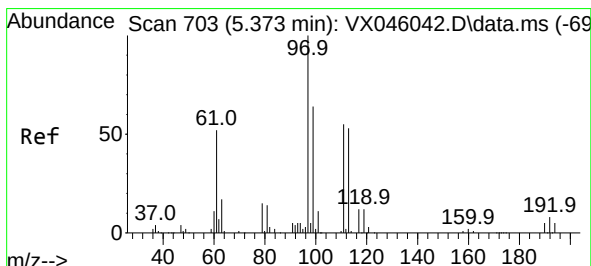
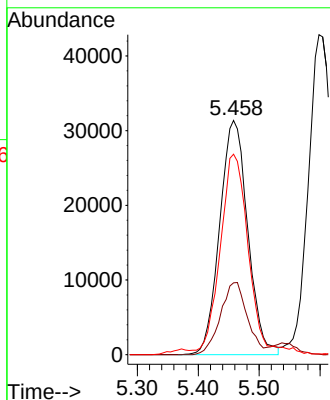
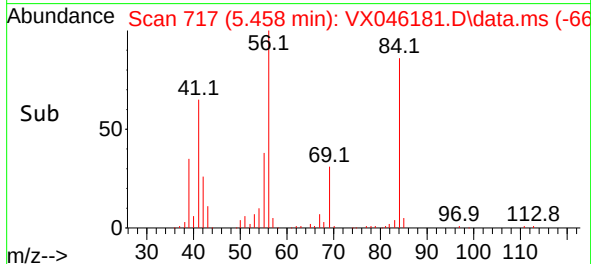
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



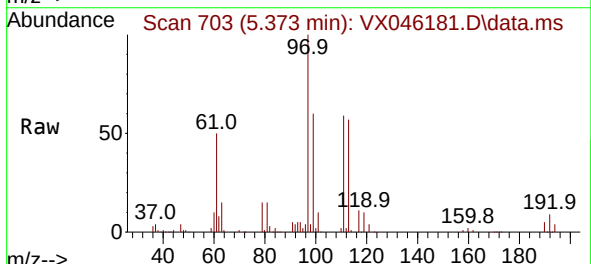
Tgt Ion: 56 Resp: 100204
Ion Ratio Lower Upper
56 100
69 30.7 24.4 36.6
84 83.6 66.9 100.3

Manual Integrations
APPROVED

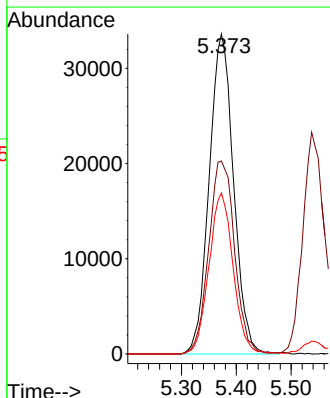
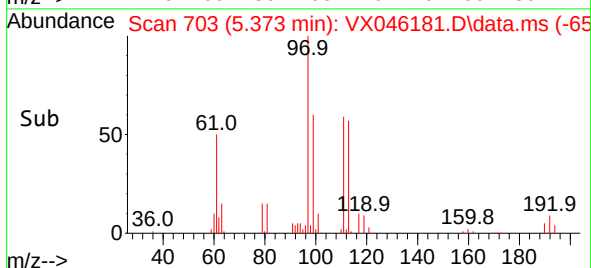
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

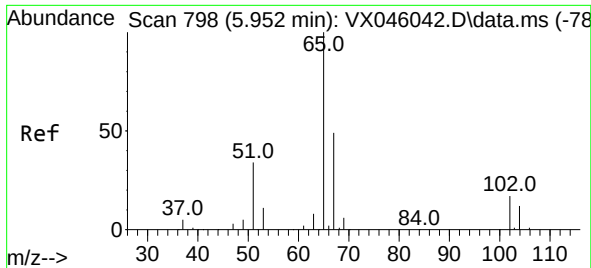


#32
1,1,1-Trichloroethane
Concen: 50.918 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59



Tgt Ion: 97 Resp: 103781
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 50.0 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 49.026 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8456

Ion Ratio Lower Upper

65 100

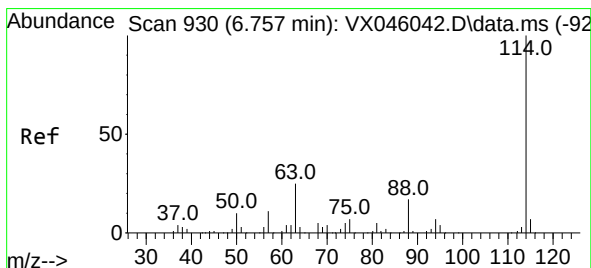
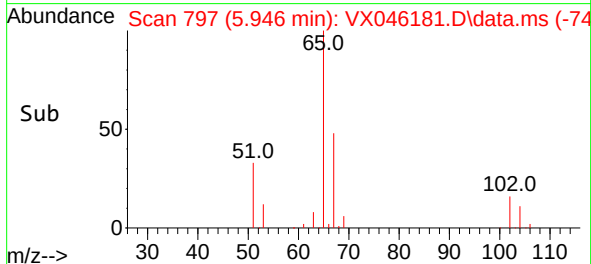
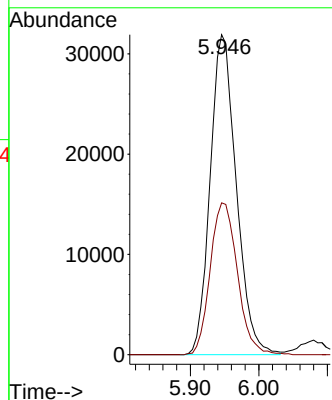
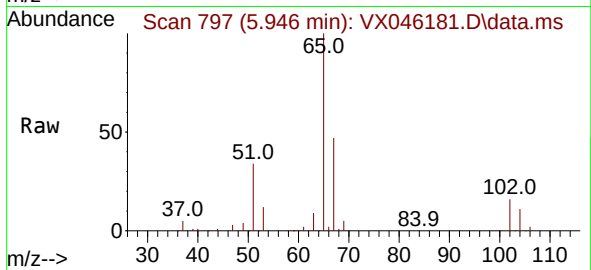
67 49.4 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

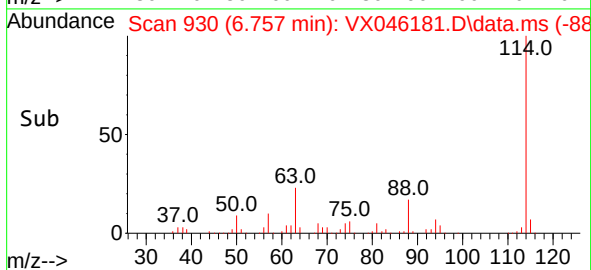
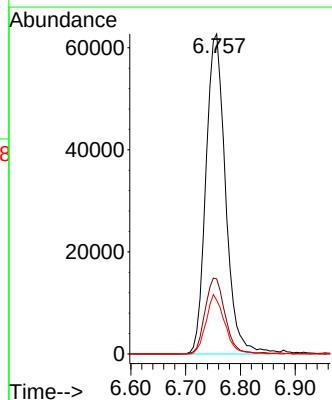
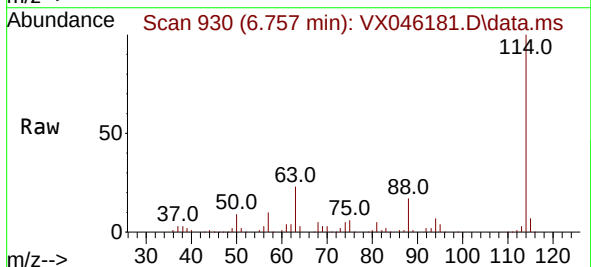
Tgt Ion:114 Resp: 155707

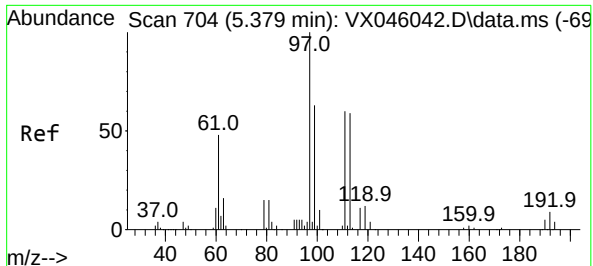
Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

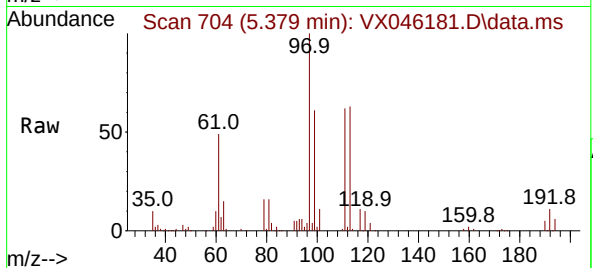
88 16.8 0.0 33.6





#35
Dibromofluoromethane
Concen: 52.783 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

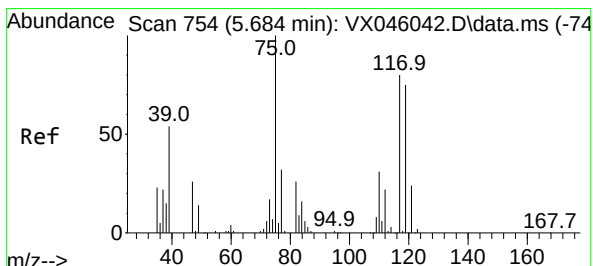
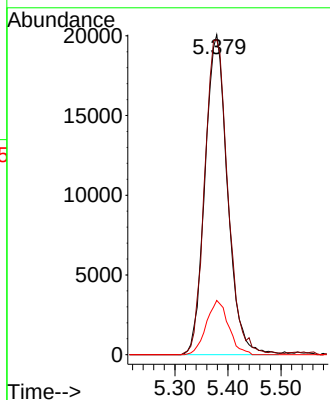
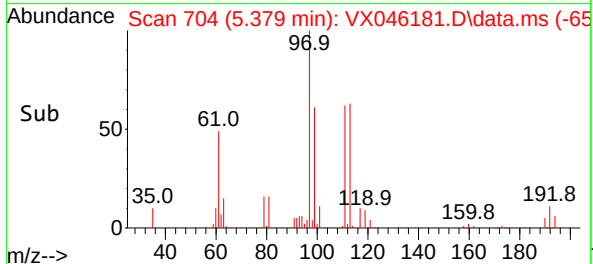
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 5918
Ion Ratio Lower Upper
113 100
111 101.4 83.1 124.7
192 16.7 13.3 19.9

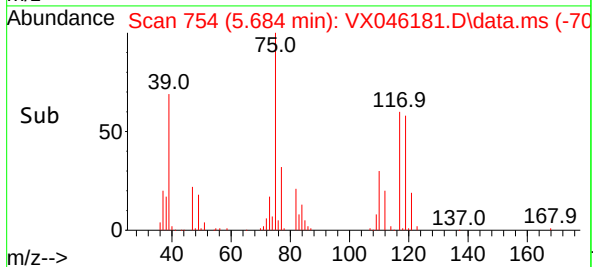
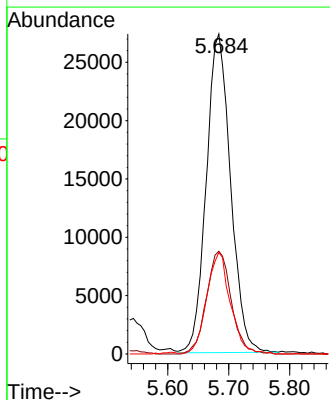
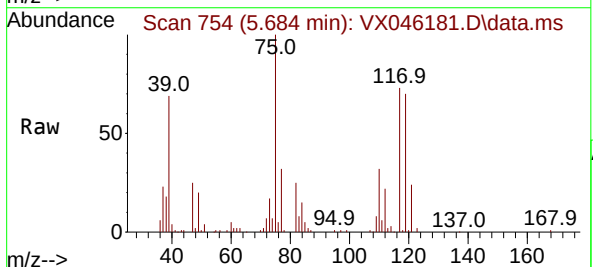
Manual Integrations
APPROVED

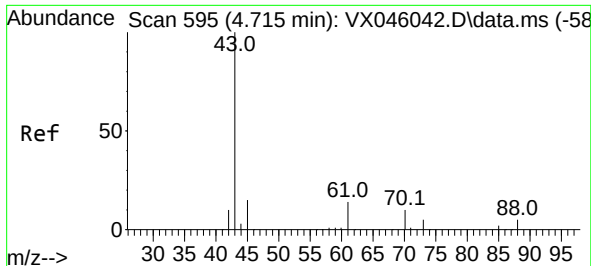
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#36
1,1-Dichloropropene
Concen: 50.230 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Tgt Ion: 75 Resp: 75672
Ion Ratio Lower Upper
75 100
110 32.9 16.3 48.9
77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 51.307 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 95498

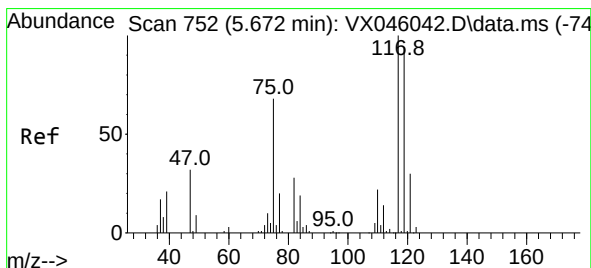
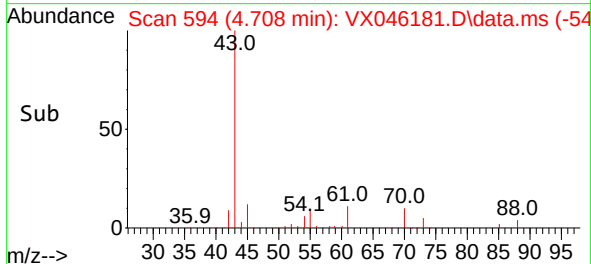
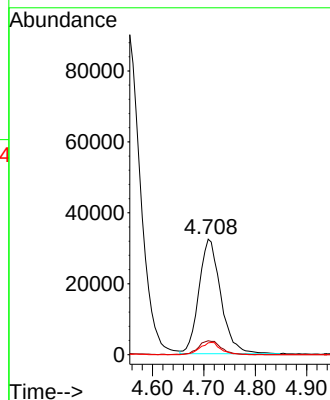
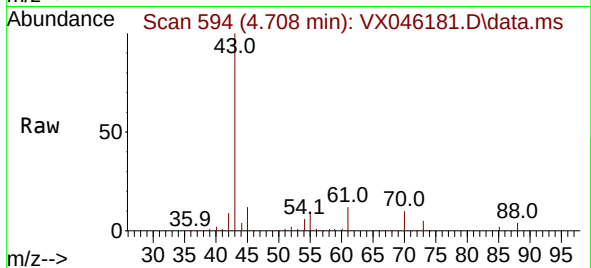
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.3	15.5
70	10.1	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#38

Carbon Tetrachloride

Concen: 52.266 ug/l

RT: 5.671 min Scan# 752

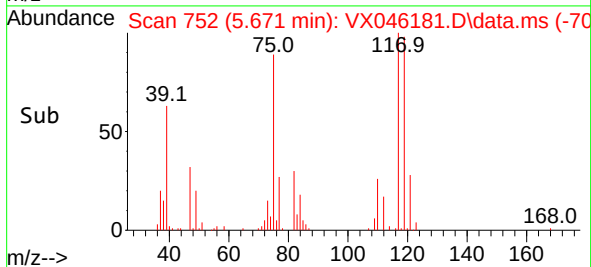
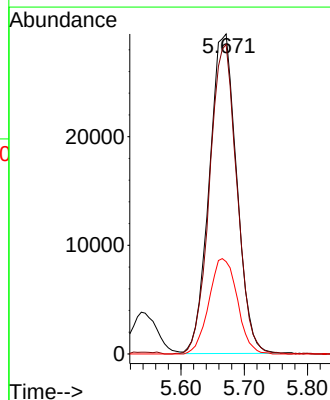
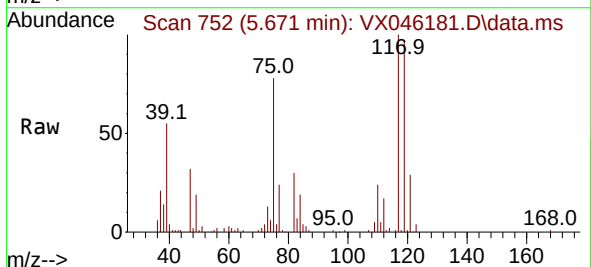
Delta R.T. -0.000 min

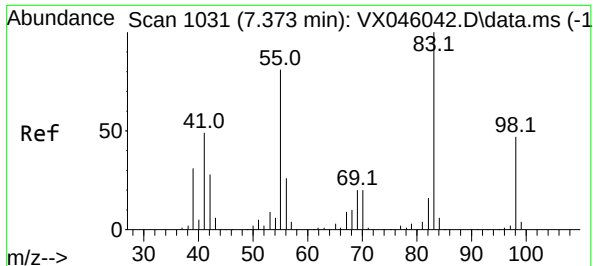
Lab File: VX046181.D

Acq: 14 May 2025 09:59

Tgt Ion:117 Resp: 88471

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.2	112.8
121	28.9	24.2	36.4





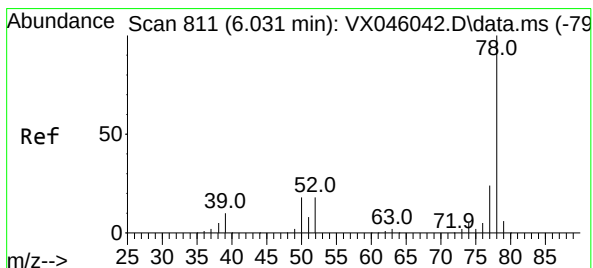
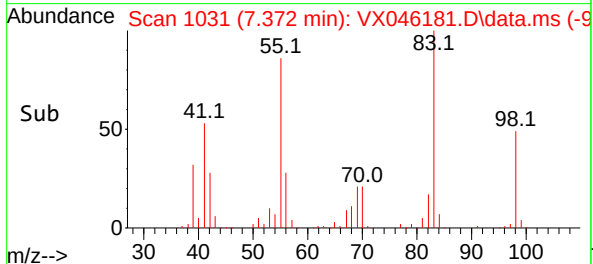
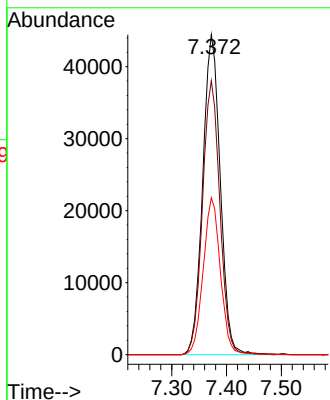
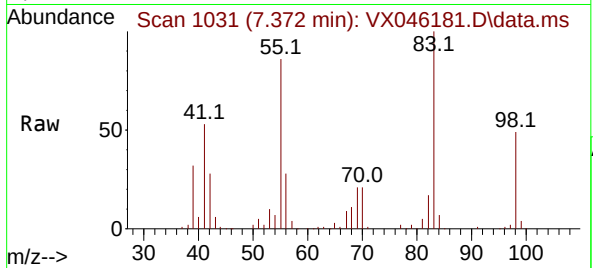
#39
Methylcyclohexane
Concen: 50.942 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9880
Ion Ratio Lower Upper
83 100
55 85.6 64.7 97.1
98 49.1 37.4 56.2

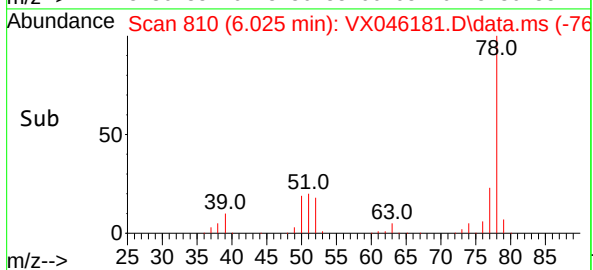
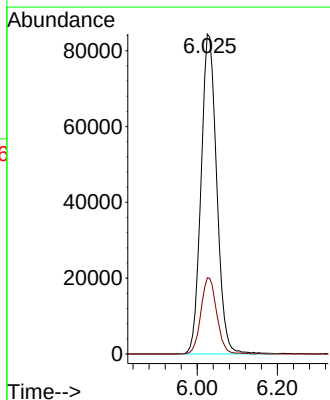
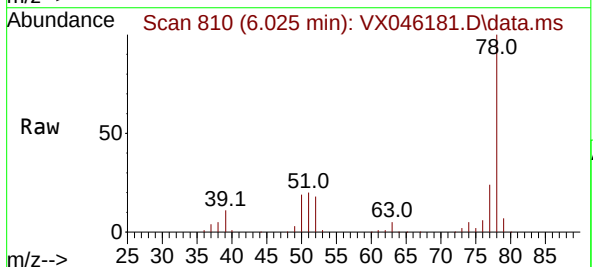
Manual Integrations
APPROVED

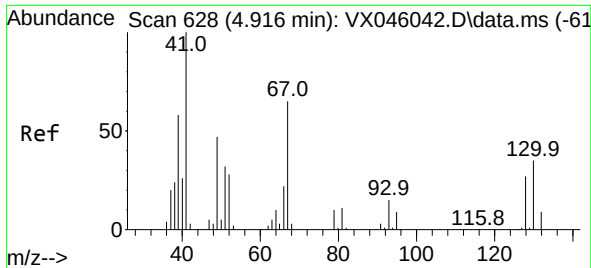
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#40
Benzene
Concen: 51.944 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

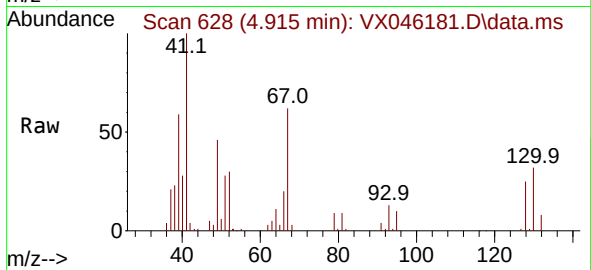
Tgt Ion: 78 Resp: 229214
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





#41
Methacrylonitrile
Concen: 57.383 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

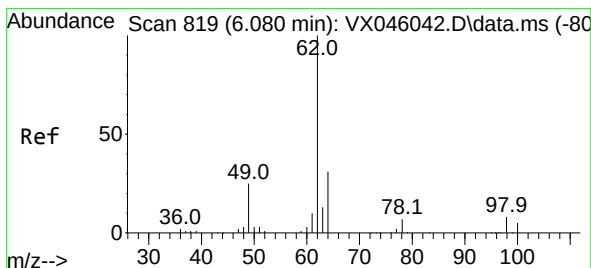
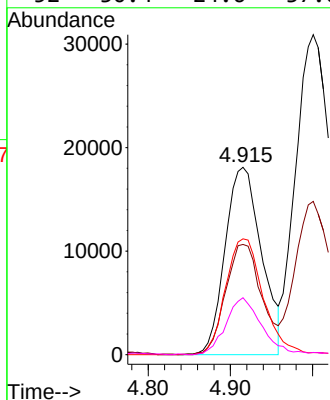
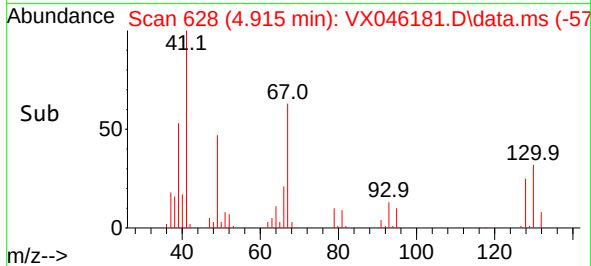
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 55872
Ion Ratio Lower Upper
41 100
39 58.5 47.2 70.8
67 64.2 50.7 76.1
52 30.4 24.6 37.0

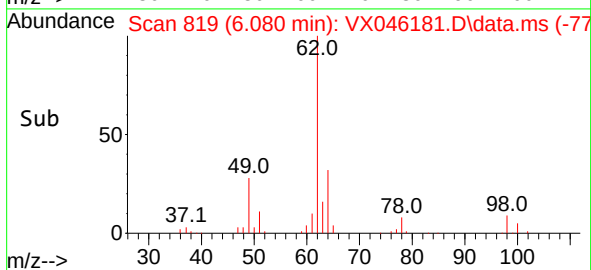
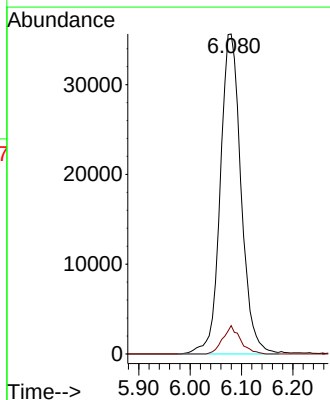
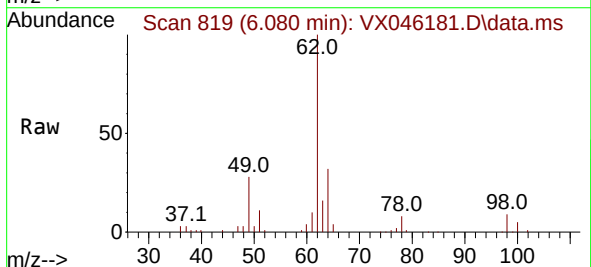
Manual Integrations
APPROVED

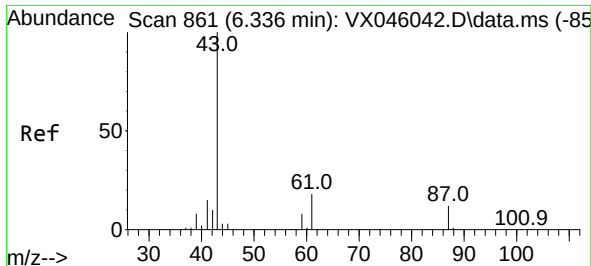
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#42
1,2-Dichloroethane
Concen: 52.592 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

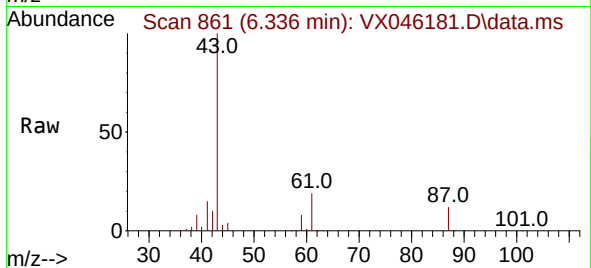
Tgt Ion: 62 Resp: 100162
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.2





#43
Isopropyl Acetate
Concen: 53.783 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

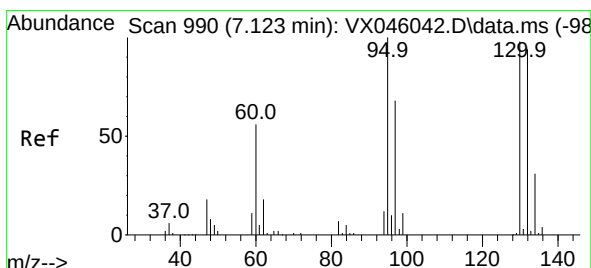
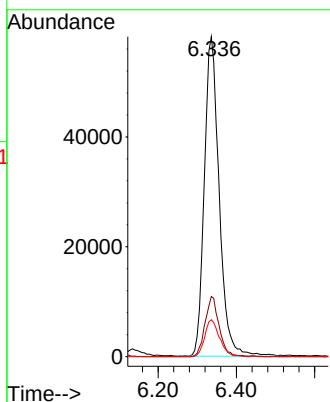
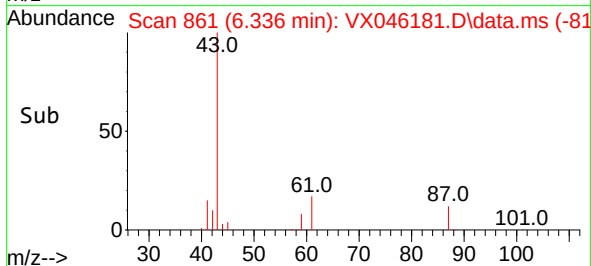
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 15271
Ion Ratio Lower Upper
43 100
61 17.9 14.3 21.5
87 11.5 9.5 14.3

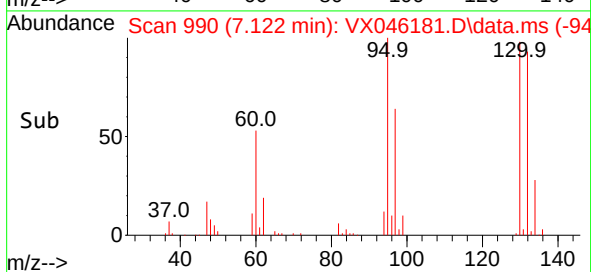
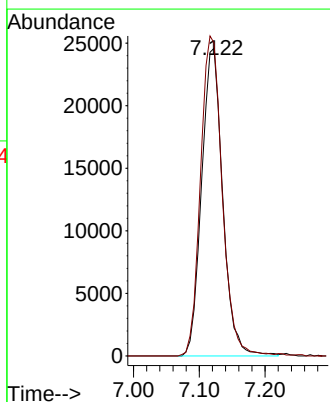
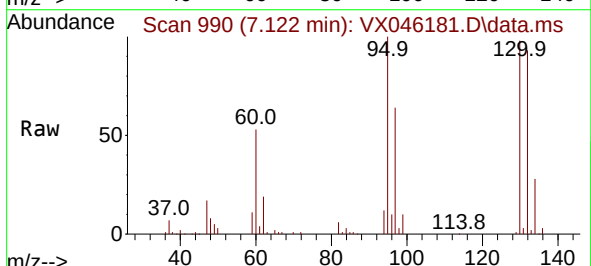
Manual Integrations
APPROVED

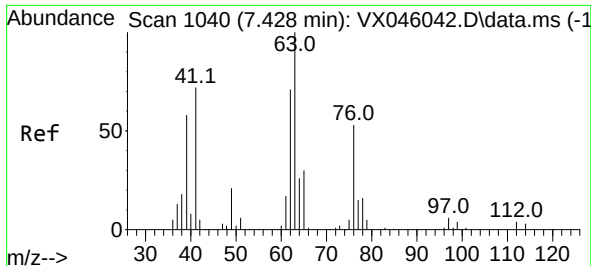
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#44
Trichloroethene
Concen: 51.848 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Tgt Ion:130 Resp: 55066
Ion Ratio Lower Upper
130 100
95 101.7 0.0 204.2





#45

1,2-Dichloropropane

Concen: 54.022 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 59270

Ion Ratio Lower Upper

63 100

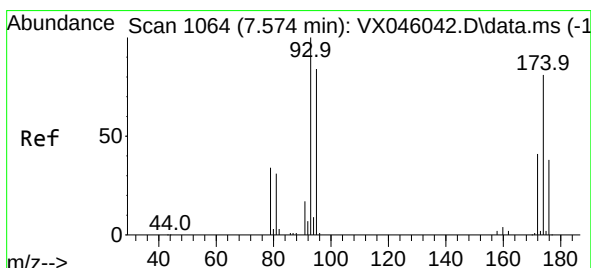
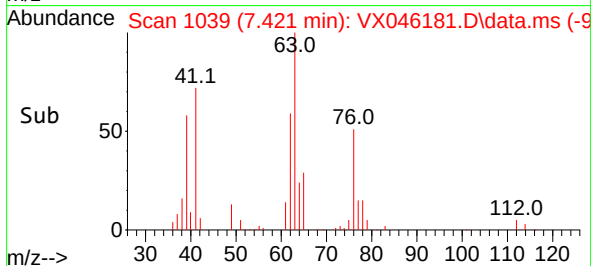
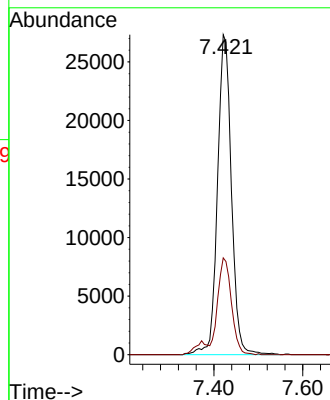
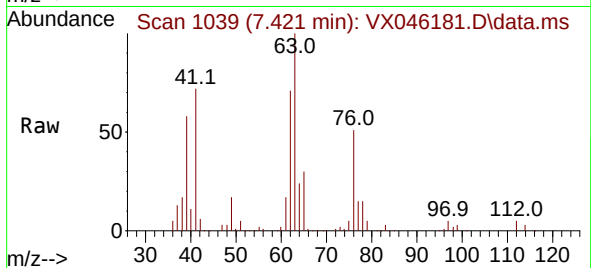
65 30.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#46

Dibromomethane

Concen: 52.464 ug/l

RT: 7.573 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

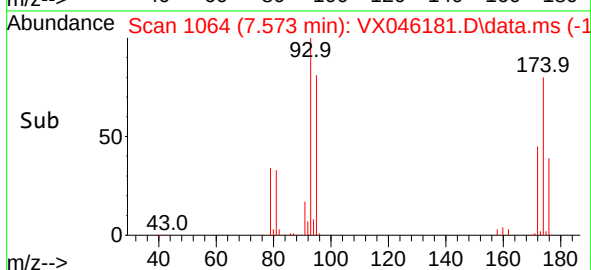
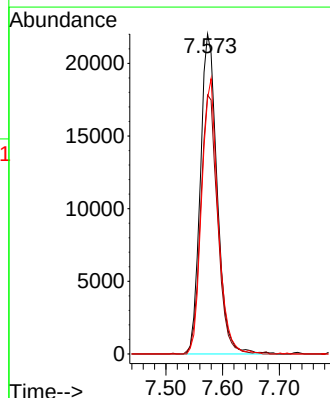
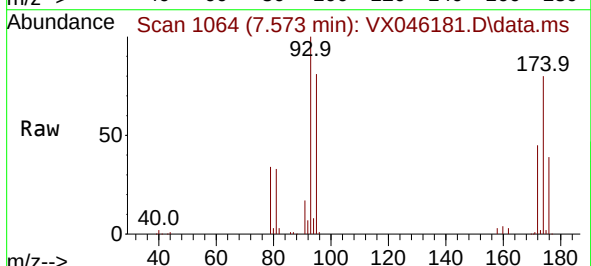
Tgt Ion: 93 Resp: 45403

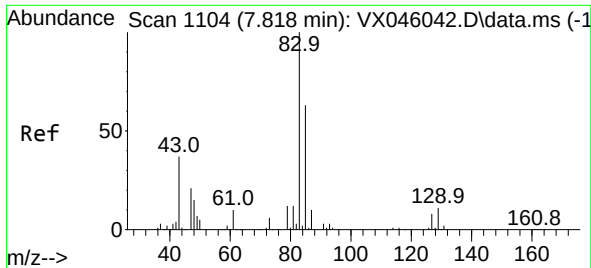
Ion Ratio Lower Upper

93 100

95 81.0 65.6 98.4

174 83.6 68.2 102.2





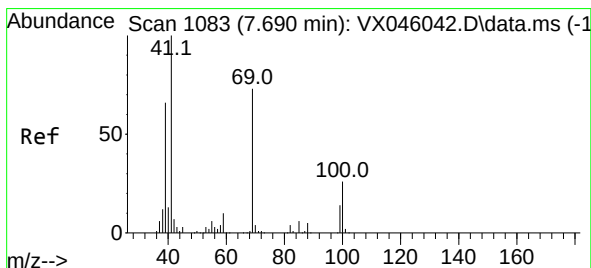
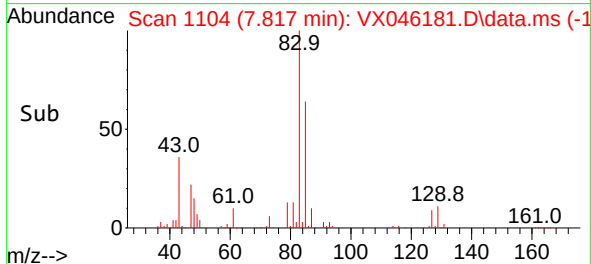
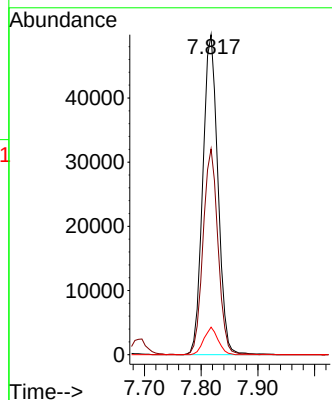
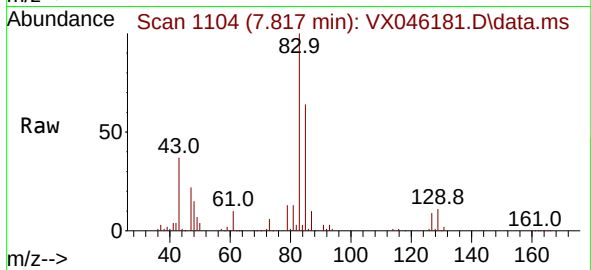
#47
Bromodichloromethane
Concen: 54.051 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 92130
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 8.6 6.5 9.7

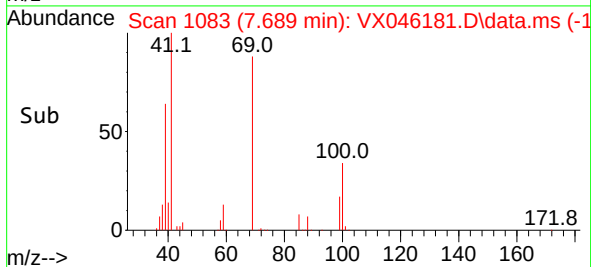
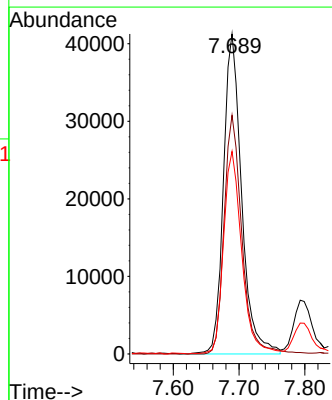
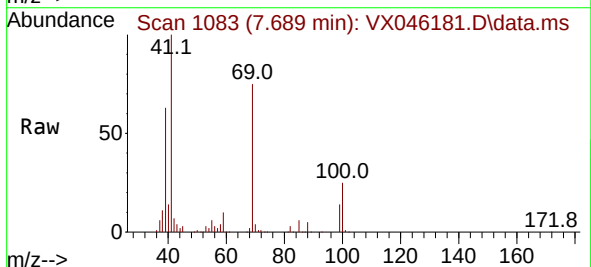
Manual Integrations
APPROVED

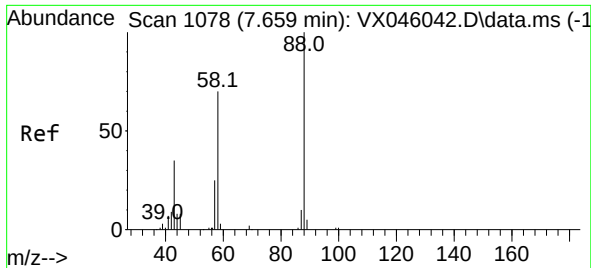
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#48
Methyl methacrylate
Concen: 54.678 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Tgt Ion: 41 Resp: 79292
Ion Ratio Lower Upper
41 100
69 73.2 58.5 87.7
39 63.7 51.7 77.5





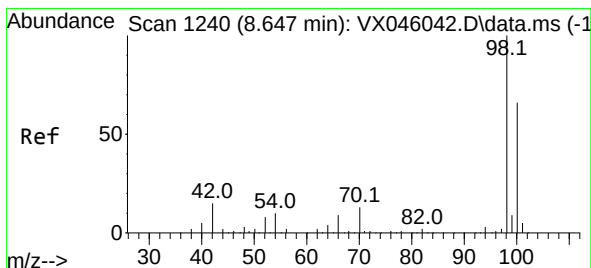
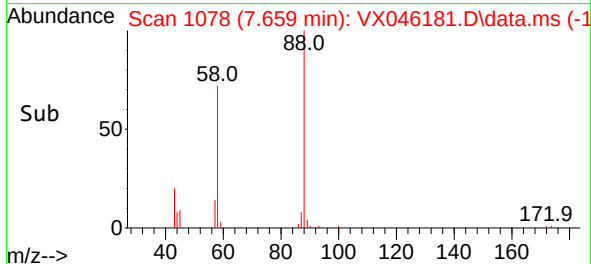
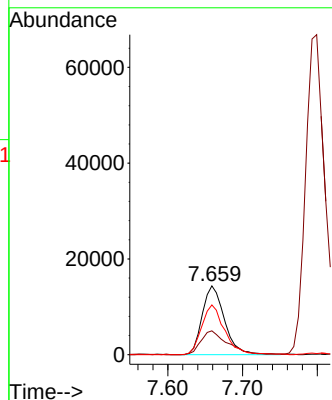
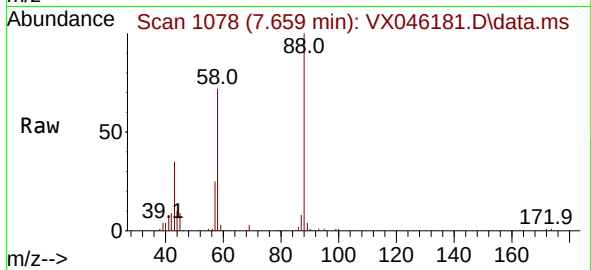
#49
1,4-Dioxane
Concen: 1075.475 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 2961
Ion Ratio Lower Upper
88 100
43 41.8 33.4 50.2
58 74.7 58.6 88.0

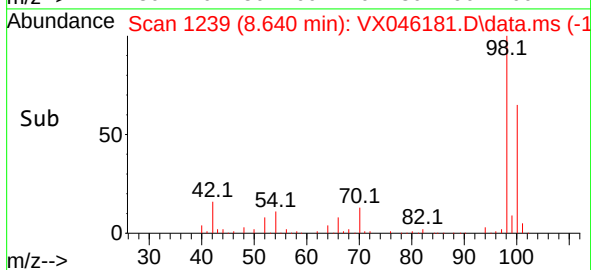
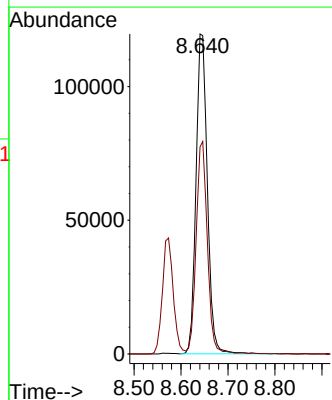
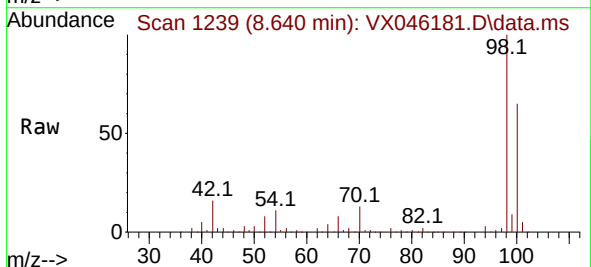
Manual Integrations
APPROVED

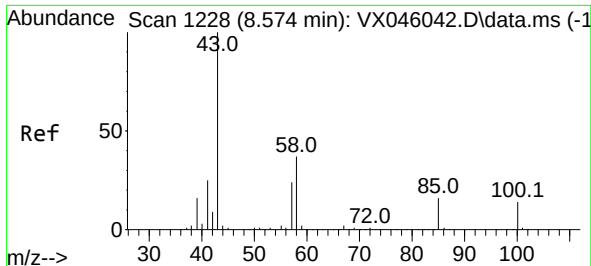
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#50
Toluene-d8
Concen: 51.889 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Tgt Ion: 98 Resp: 201370
Ion Ratio Lower Upper
98 100
100 64.7 53.5 80.3





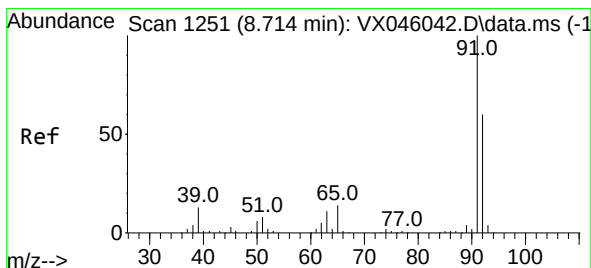
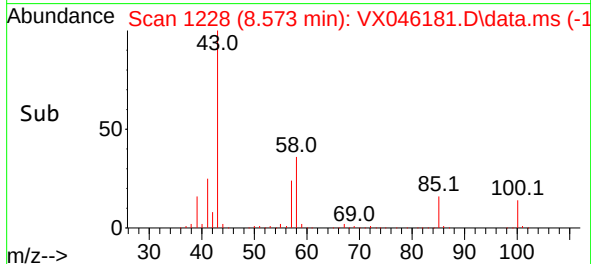
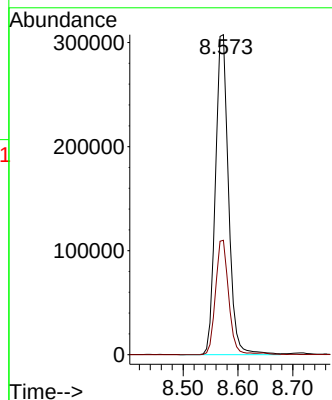
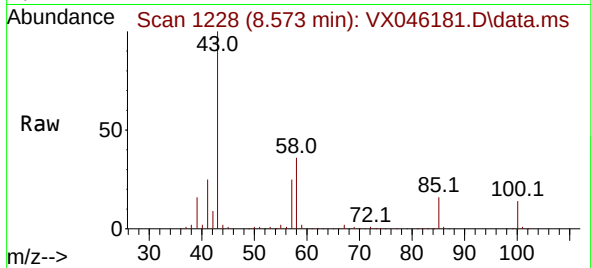
#51
4-Methyl-2-Pentanone
Concen: 269.373 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 507725
Ion Ratio Lower Upper
43 100
58 35.8 28.9 43.3

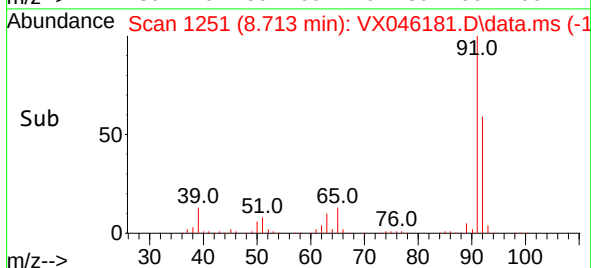
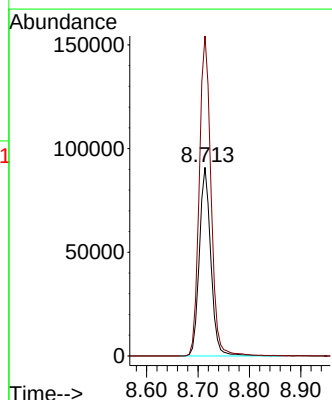
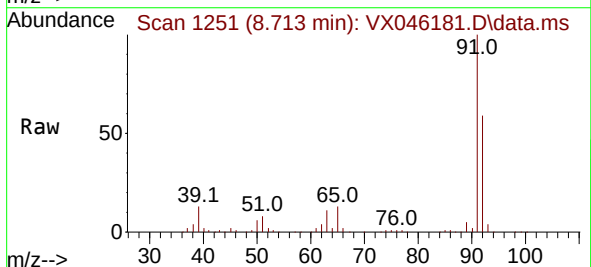
Manual Integrations
APPROVED

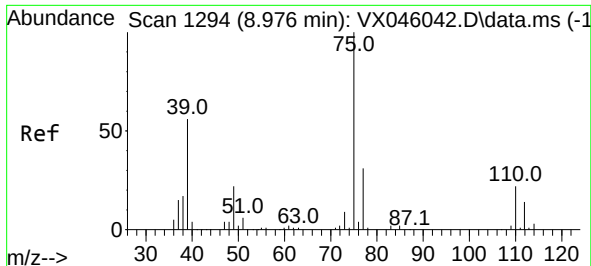
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#52
Toluene
Concen: 52.203 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Tgt Ion: 92 Resp: 141251
Ion Ratio Lower Upper
92 100
91 173.3 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 54.688 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 82854

Ion Ratio Lower Upper

75 100

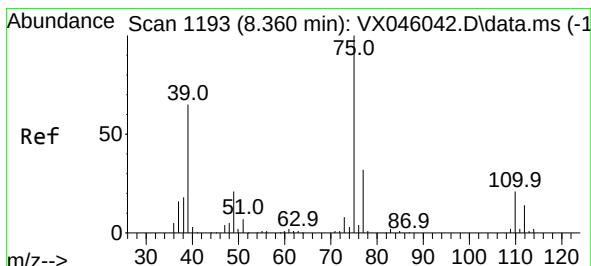
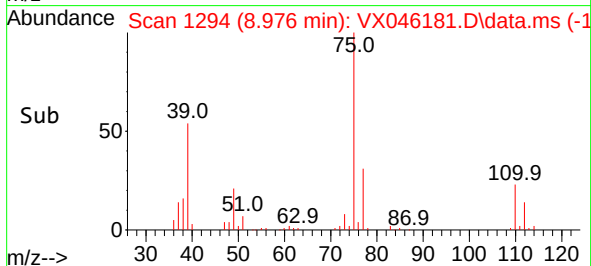
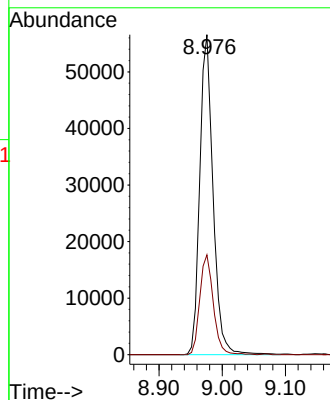
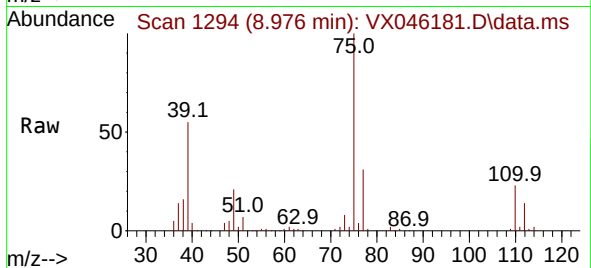
77 31.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#54

cis-1,3-Dichloropropene

Concen: 54.307 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

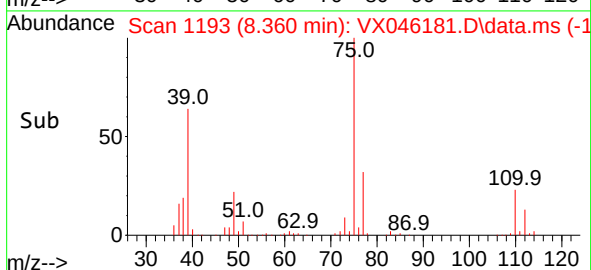
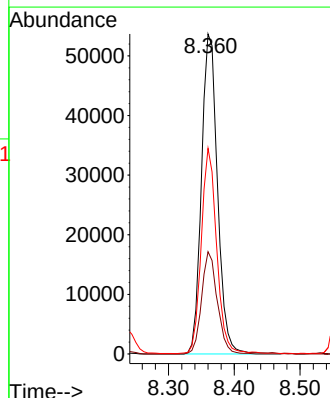
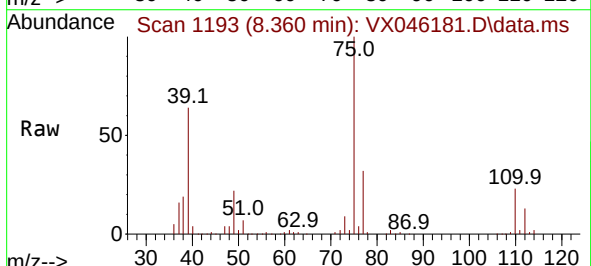
Tgt Ion: 75 Resp: 90937

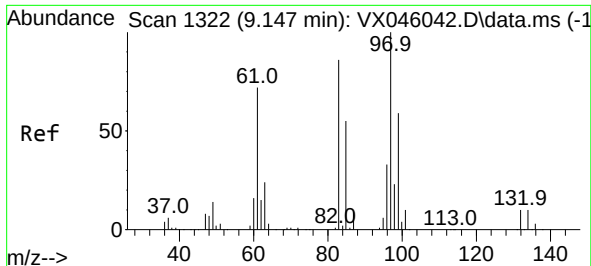
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

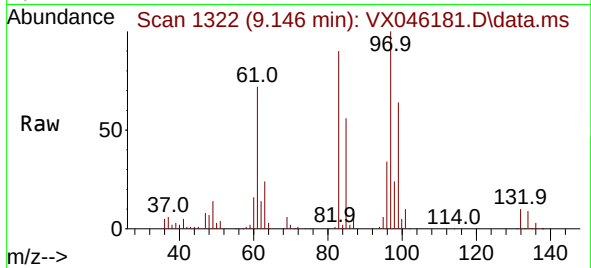
39 64.1 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 53.633 ug/l
RT: 9.146 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

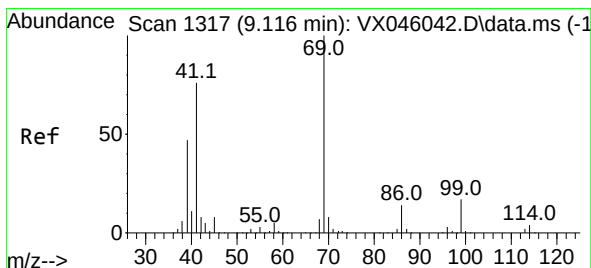
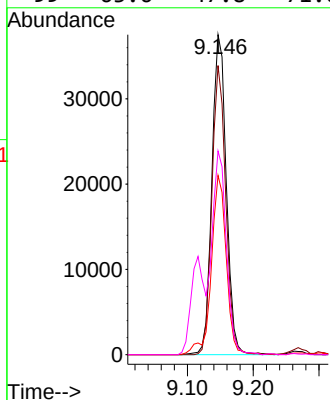
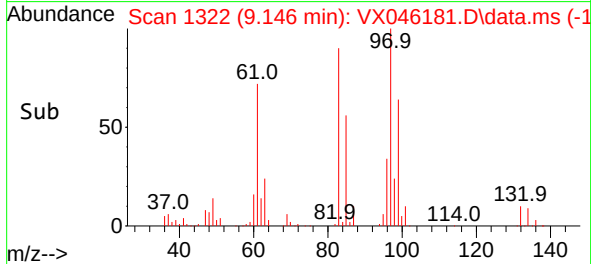
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.3	69.0	103.6
85	56.0	44.3	66.5
99	63.6	47.8	71.6

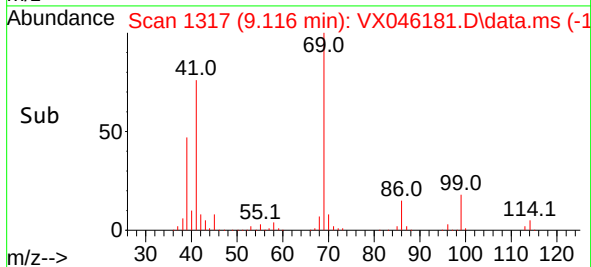
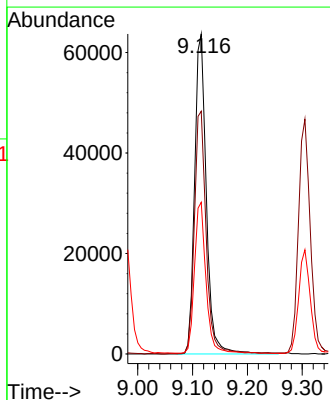
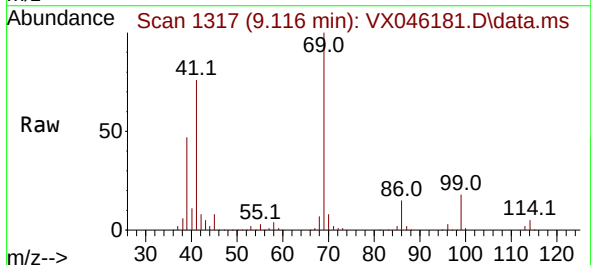
Manual Integrations
APPROVED

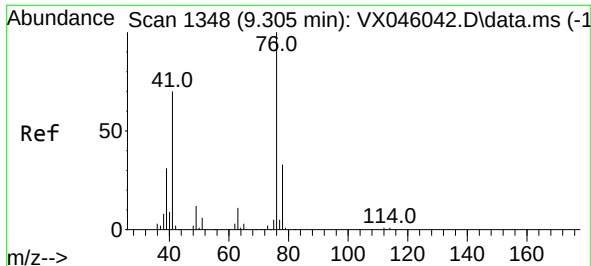
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#56
Ethyl methacrylate
Concen: 55.981 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.1	60.8	91.2
39	47.5	39.0	58.6





#57

1,3-Dichloropropane

Concen: 52.398 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10039

Ion Ratio Lower Upper

76 100

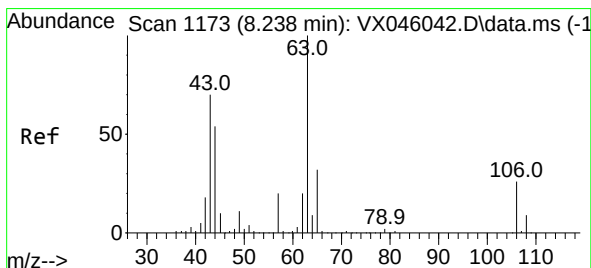
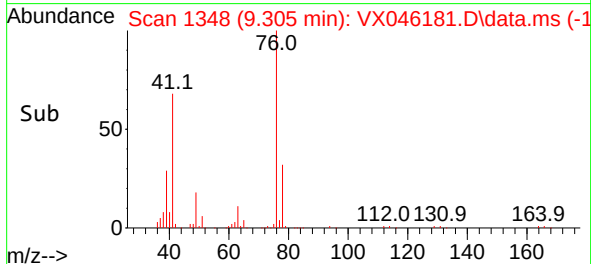
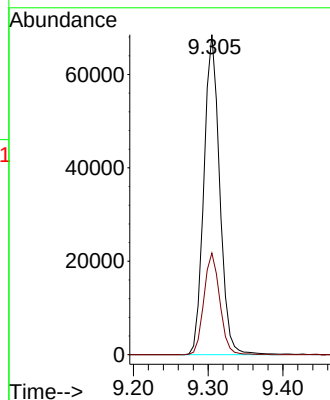
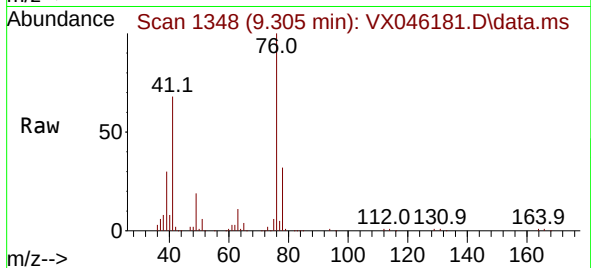
78 31.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#58

2-Chloroethyl Vinyl ether

Concen: 288.517 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046181.D

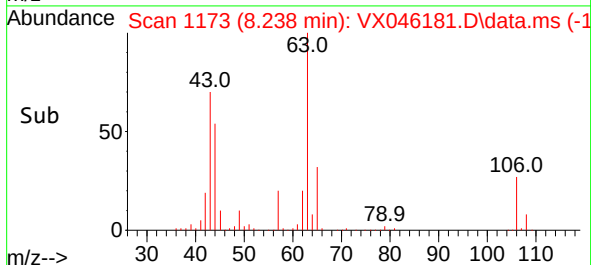
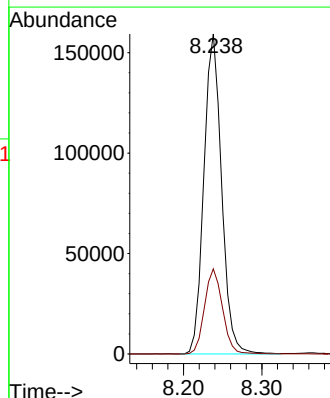
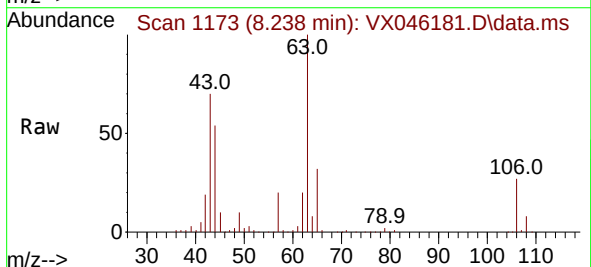
Acq: 14 May 2025 09:59

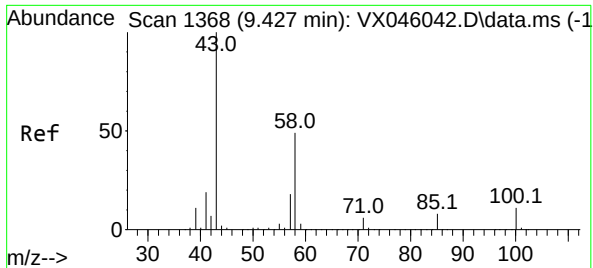
Tgt Ion: 63 Resp: 250117

Ion Ratio Lower Upper

63 100

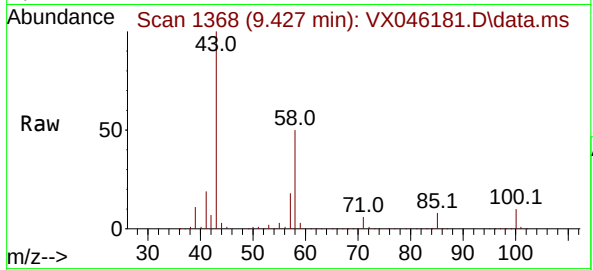
106 26.9 21.5 32.3





#59
2-Hexanone
Concen: 267.919 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

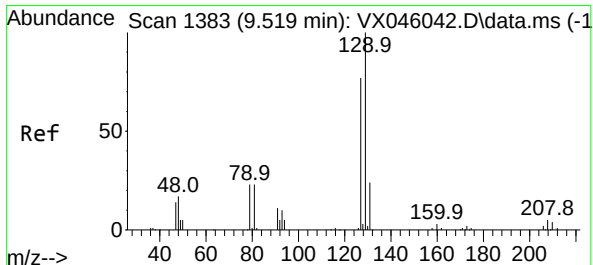
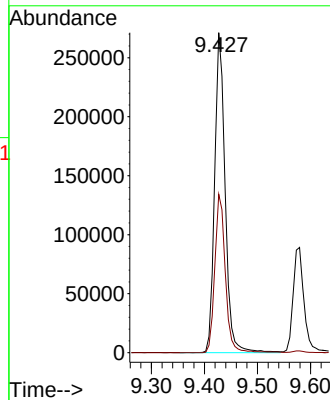
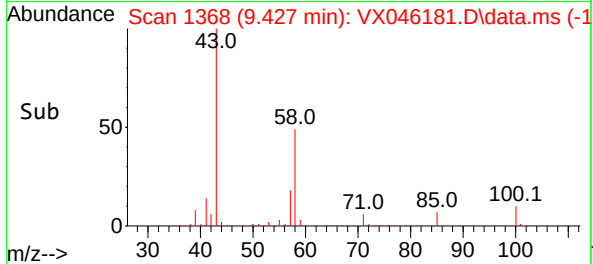
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 373609
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6

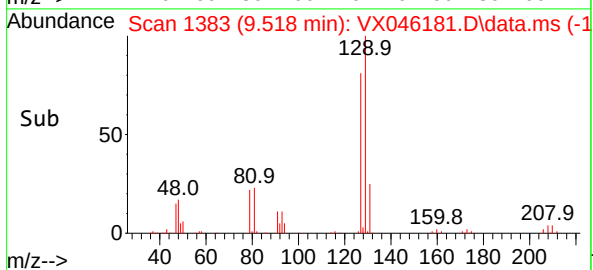
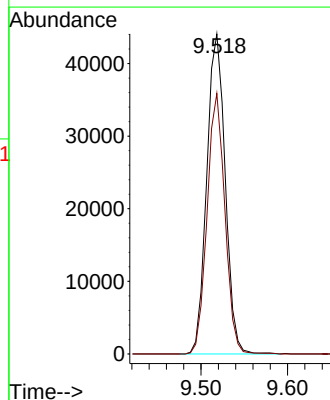
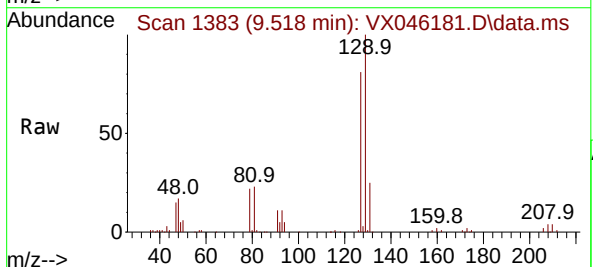
Manual Integrations
APPROVED

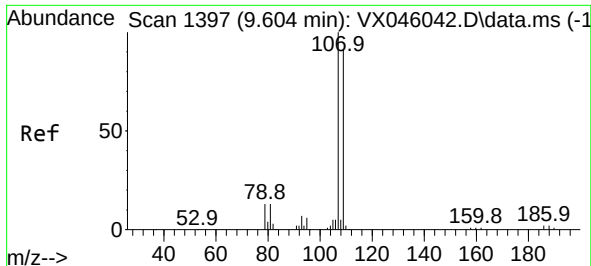
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#60
Dibromochloromethane
Concen: 55.684 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Tgt Ion:129 Resp: 65246
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.8





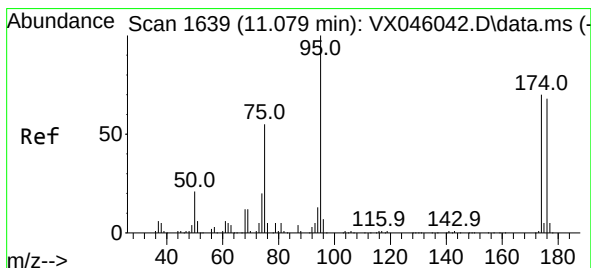
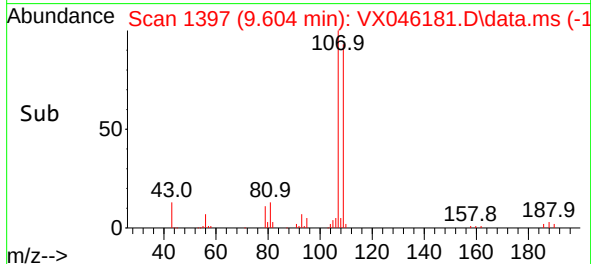
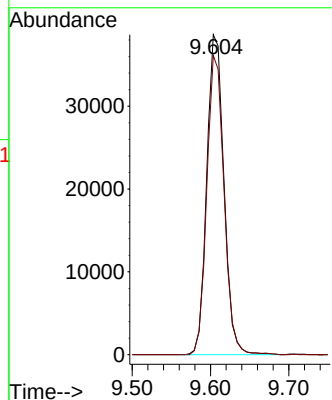
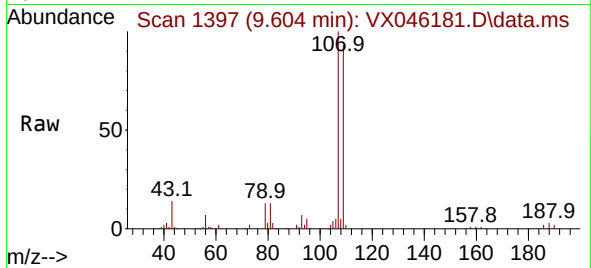
#61
1,2-Dibromoethane
Concen: 52.965 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 5873
Ion Ratio Lower Upper
107 100
109 93.9 73.3 109.9

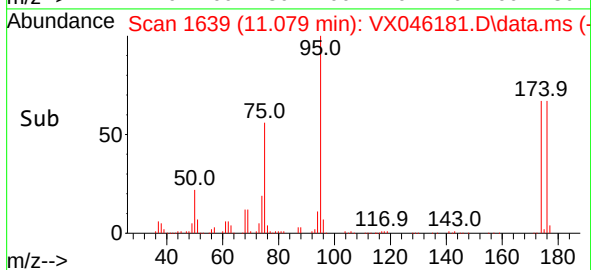
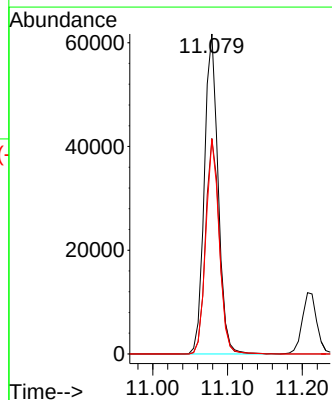
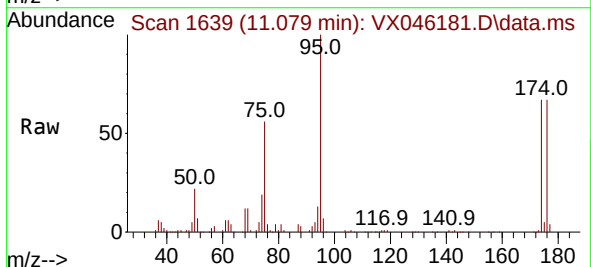
Manual Integrations
APPROVED

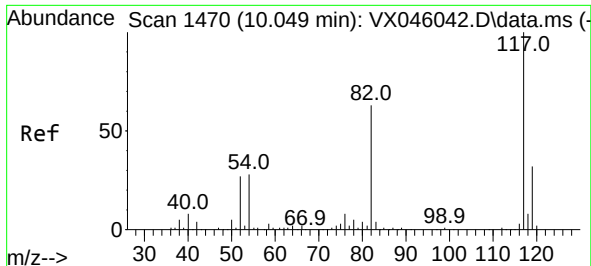
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#62
4-Bromofluorobenzene
Concen: 53.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

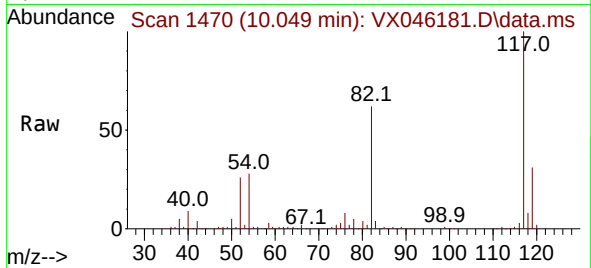
Tgt Ion: 95 Resp: 78977
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 65.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

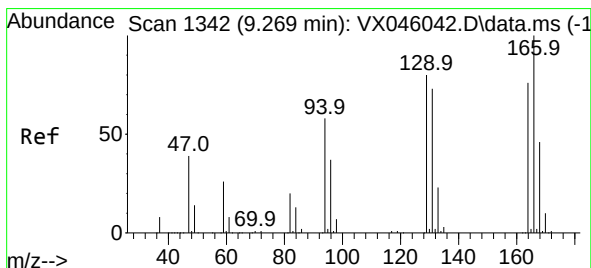
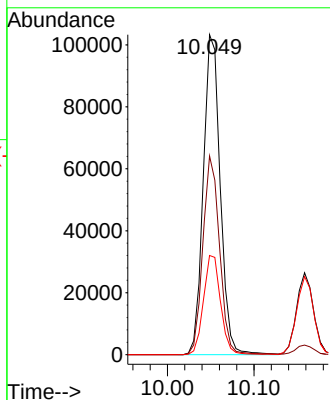
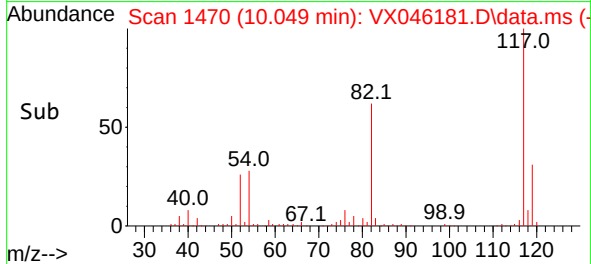
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 140519
Ion Ratio Lower Upper
117 100
82 62.1 50.6 76.0
119 31.0 25.8 38.6

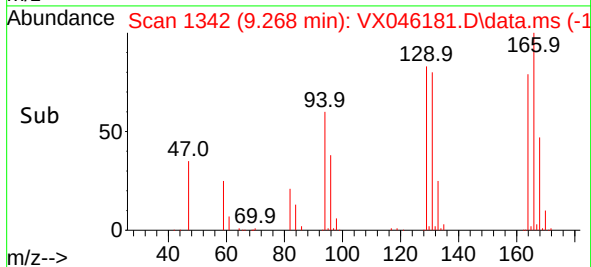
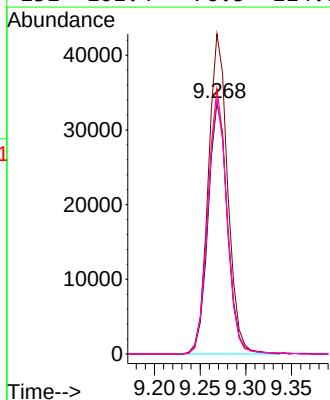
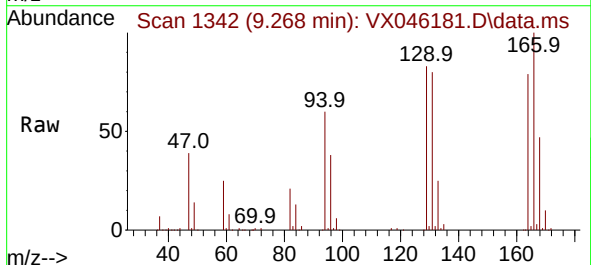
Manual Integrations
APPROVED

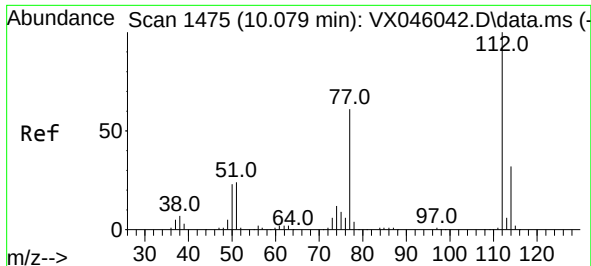
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#64
Tetrachloroethene
Concen: 50.004 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Tgt Ion:164 Resp: 49716
Ion Ratio Lower Upper
164 100
166 127.3 105.0 157.6
129 105.5 83.5 125.3
131 101.4 76.5 114.7





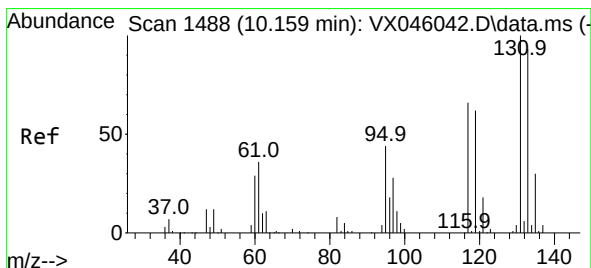
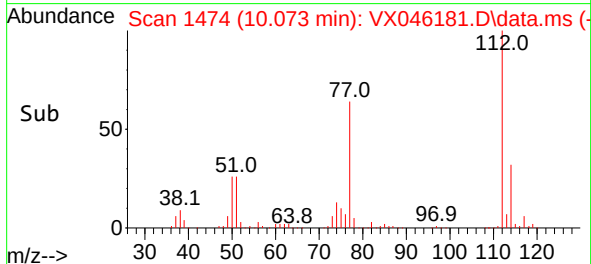
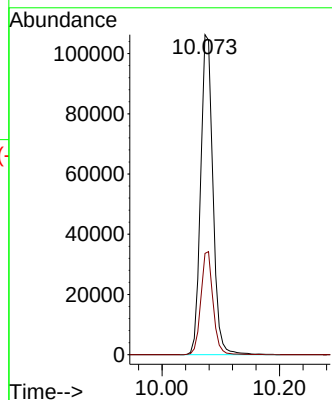
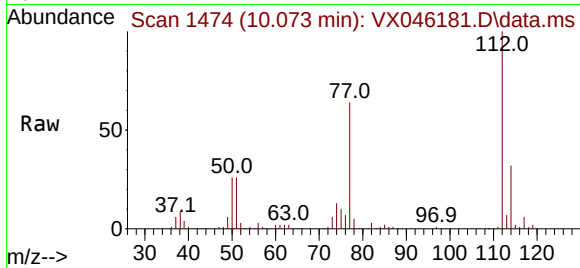
#65
Chlorobenzene
Concen: 50.098 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 15408
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

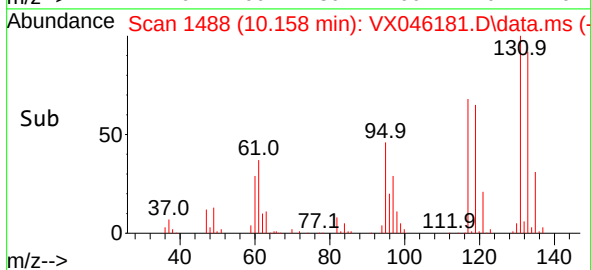
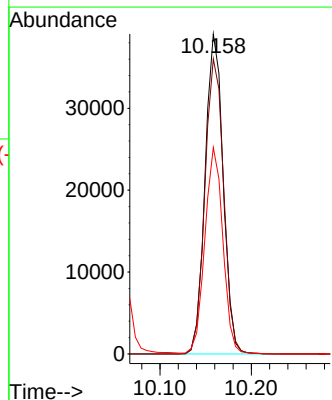
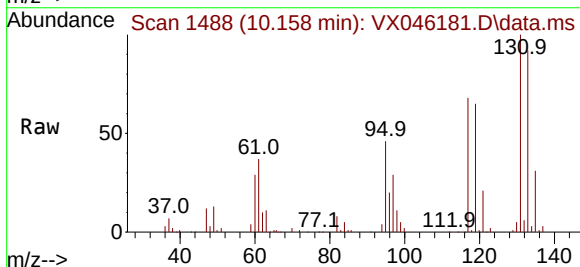
Manual Integrations
APPROVED

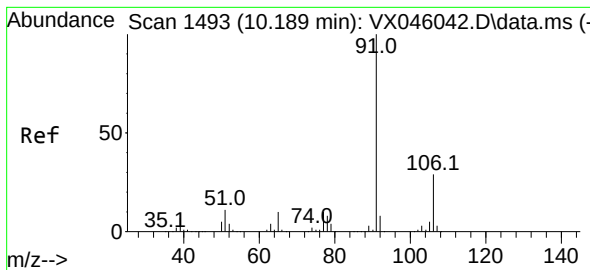
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.862 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

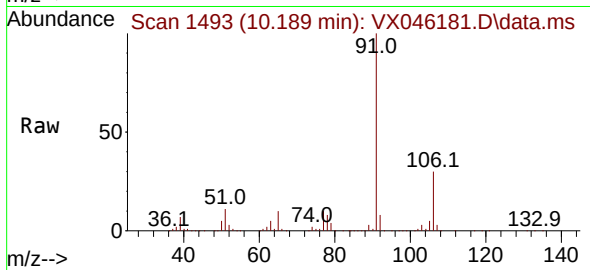
Tgt Ion:131 Resp: 53417
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.9
119 64.7 31.6 95.0





#67
Ethyl Benzene
Concen: 51.859 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

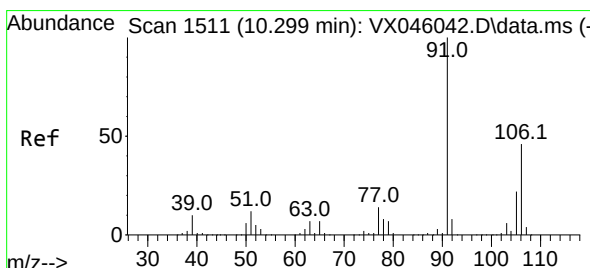
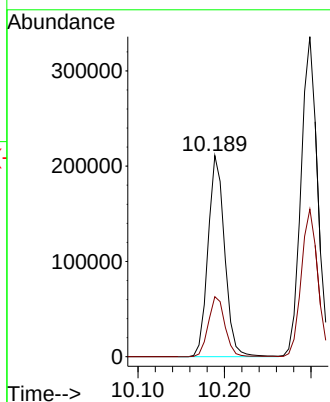
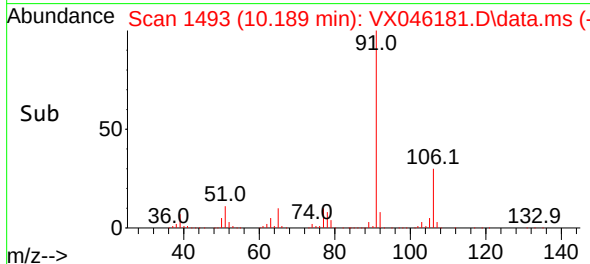
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



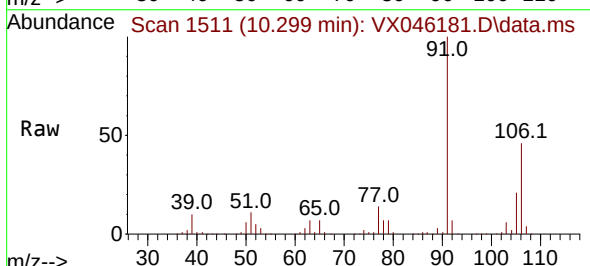
Tgt Ion: 91 Resp: 281152
Ion Ratio Lower Upper
91 100
106 29.8 23.4 35.2

Manual Integrations
APPROVED

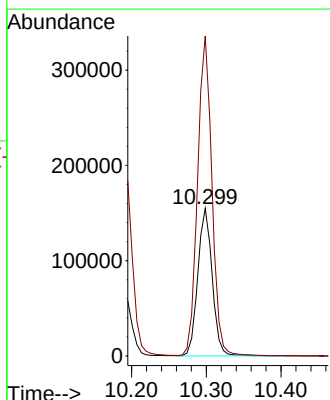
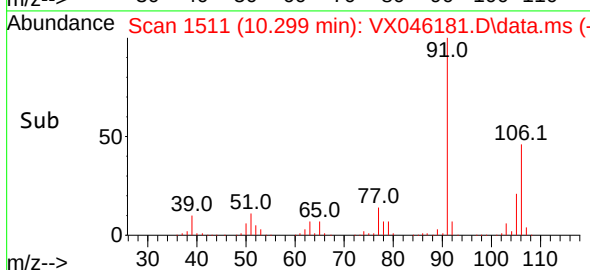
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

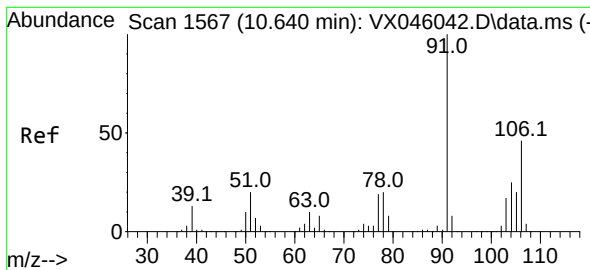


#68
m/p-Xylenes
Concen: 104.178 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59



Tgt Ion:106 Resp: 206571
Ion Ratio Lower Upper
106 100
91 217.4 171.2 256.8





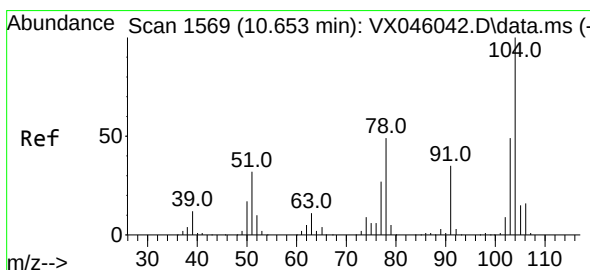
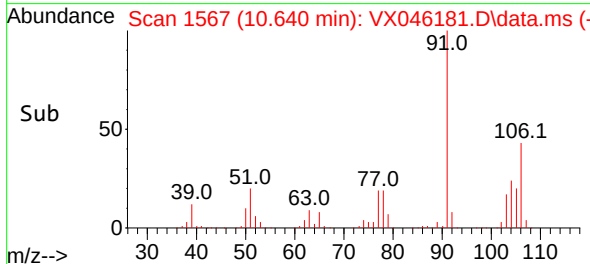
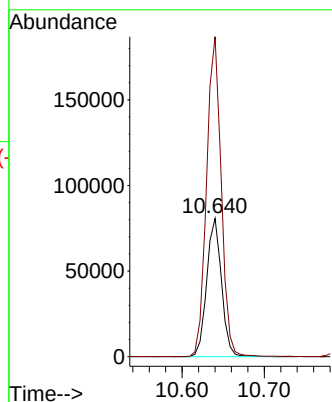
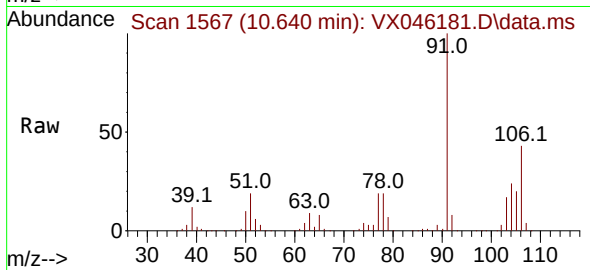
#69
o-Xylene
Concen: 52.176 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 100862
Ion Ratio Lower Upper
106 100
91 230.1 112.7 338.1

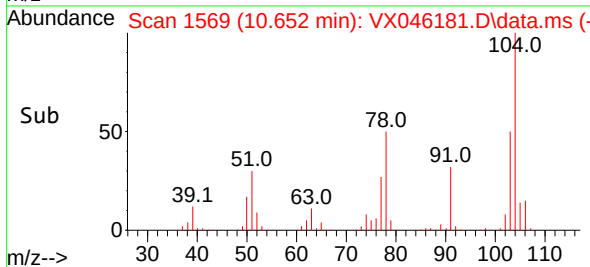
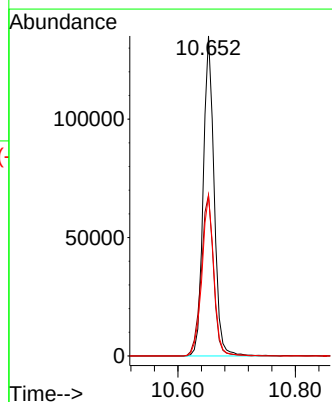
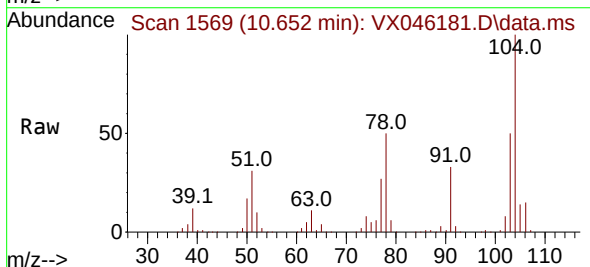
Manual Integrations
APPROVED

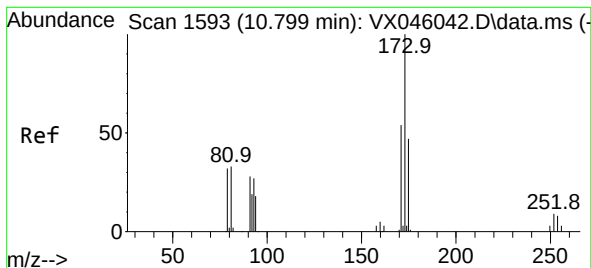
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#70
Styrene
Concen: 54.916 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Tgt Ion:104 Resp: 173899
Ion Ratio Lower Upper
104 100
78 57.2 45.7 68.5
103 55.0 43.7 65.5





#71

Bromoform

Concen: 52.737 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 4158

Ion Ratio Lower Upper

173 100

175 47.8 23.4 70.0

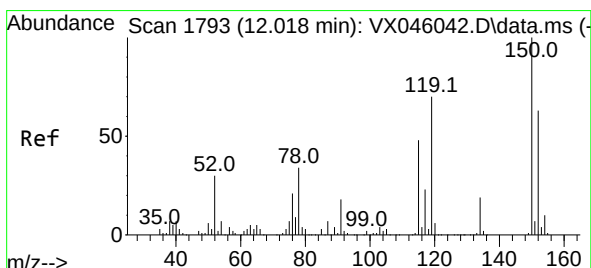
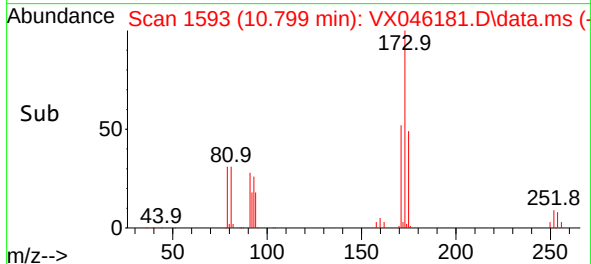
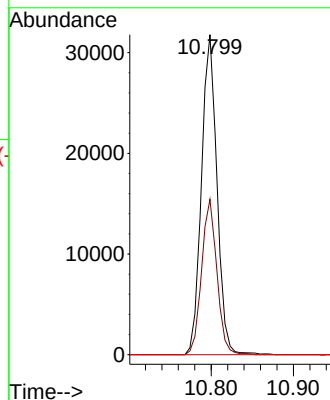
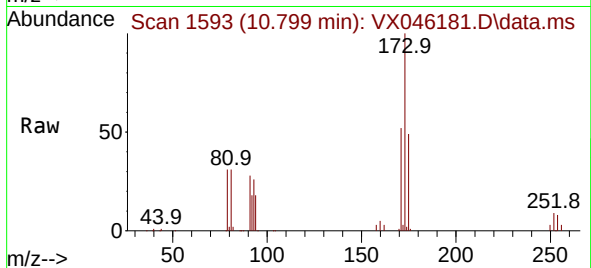
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

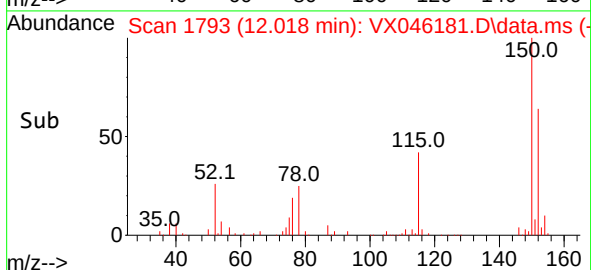
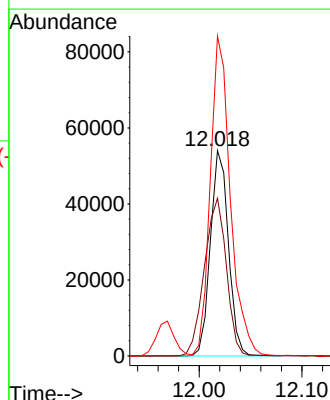
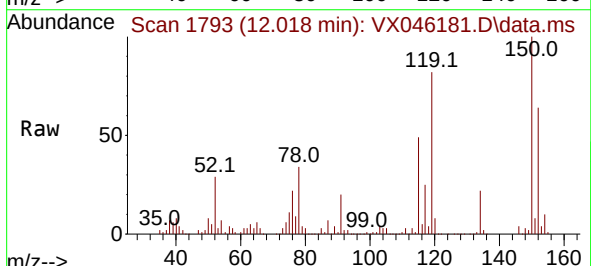
Tgt Ion:152 Resp: 65751

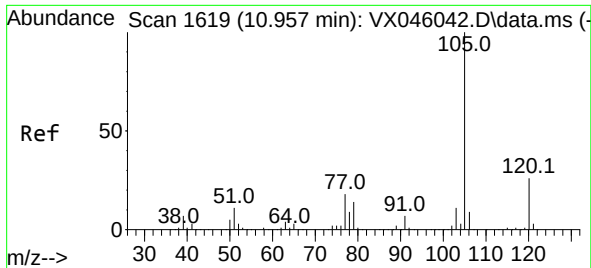
Ion Ratio Lower Upper

152 100

115 93.9 46.9 140.7

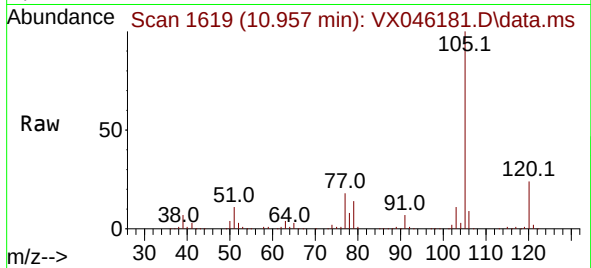
150 173.0 0.0 351.0





#73
Isopropylbenzene
Concen: 53.491 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

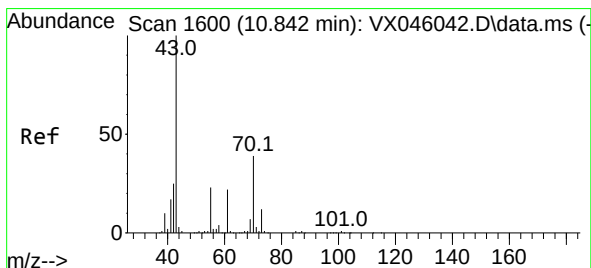
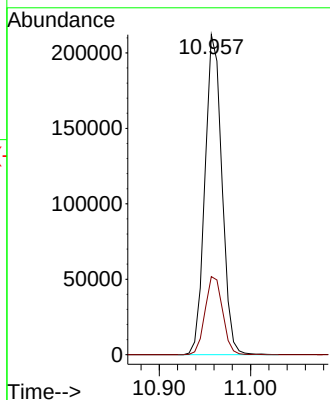
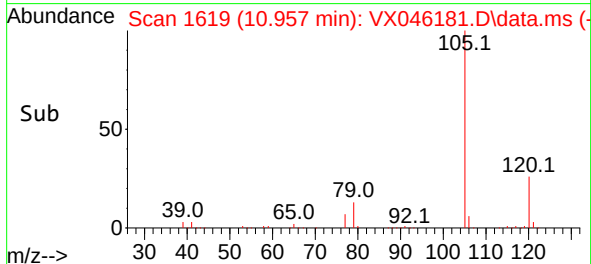
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



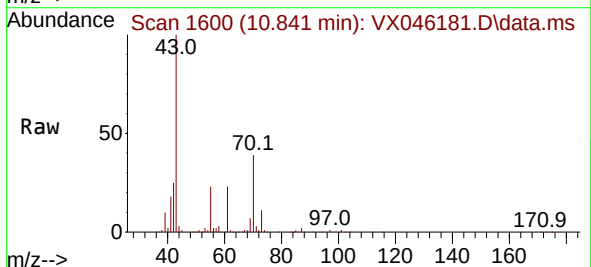
Tgt Ion:105 Resp: 273810
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.4

Manual Integrations
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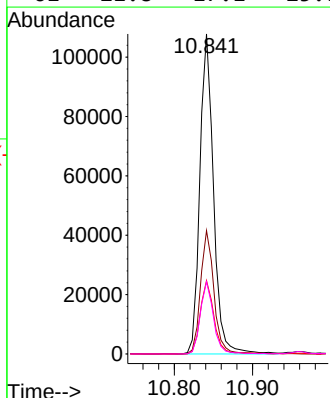
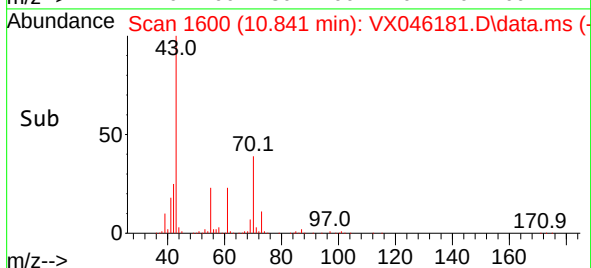
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

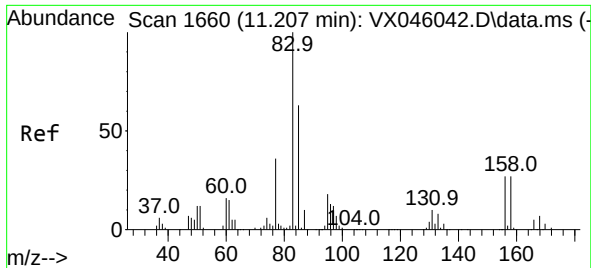


#74
N-ethyl acetate
Concen: 51.677 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59



Tgt Ion: 43 Resp: 130717
Ion Ratio Lower Upper
43 100
70 37.9 30.9 46.3
55 23.2 18.7 28.1
61 21.8 17.1 25.7





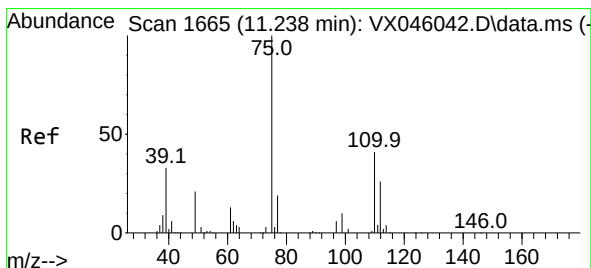
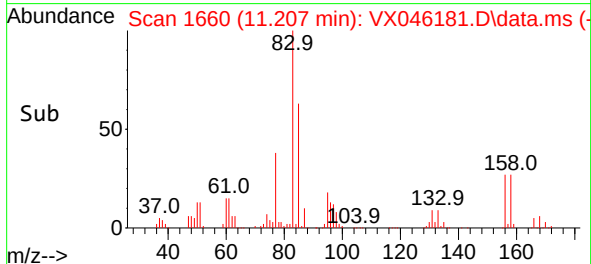
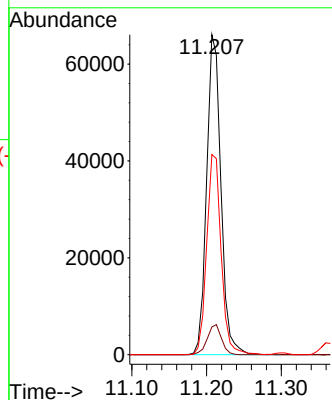
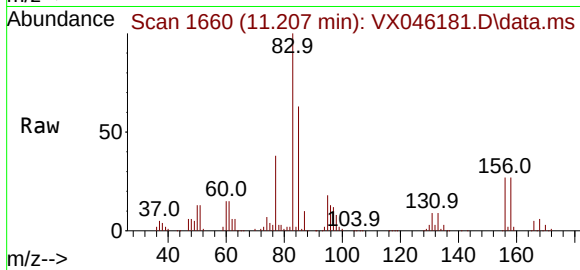
#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.778 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX046181.D
 Acq: 14 May 2025 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 87500
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.0 14.9
 85 63.4 31.9 95.7

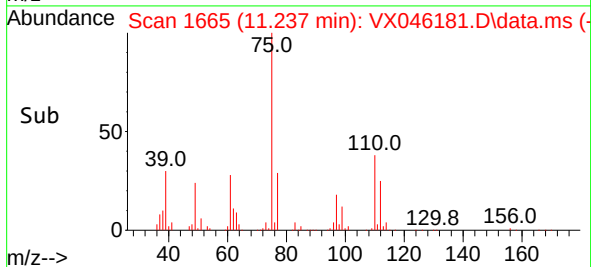
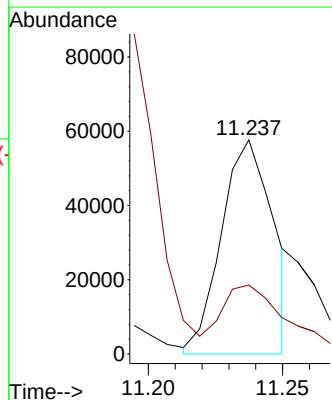
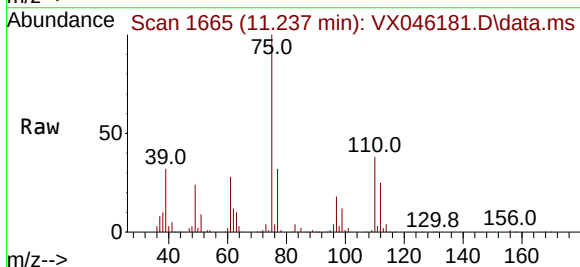
Manual Integrations
 APPROVED

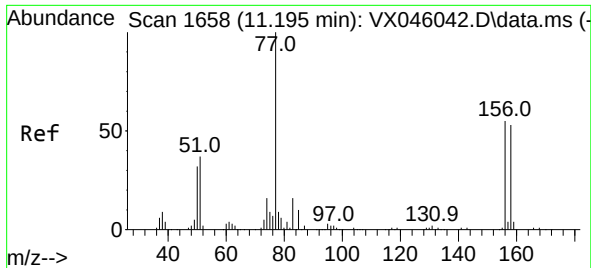
Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025



#76
 1,2,3-Trichloropropane
 Concen: 48.805 ug/l m
 RT: 11.237 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX046181.D
 Acq: 14 May 2025 09:59

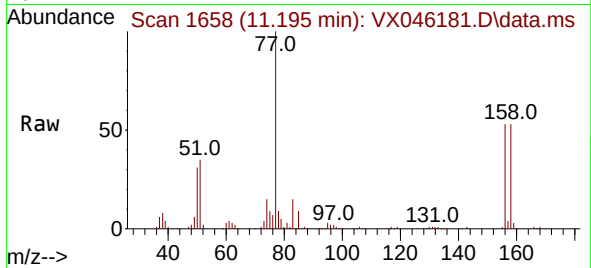
Tgt Ion: 75 Resp: 77241
 Ion Ratio Lower Upper
 75 100
 77 41.4 20.5 61.5





#77
Bromobenzene
Concen: 51.627 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

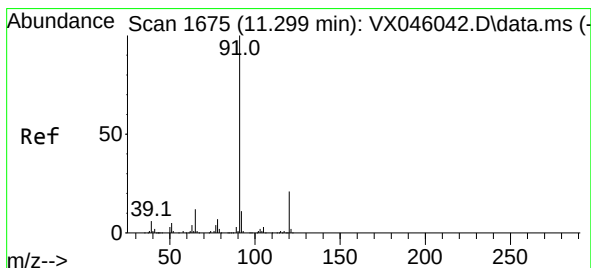
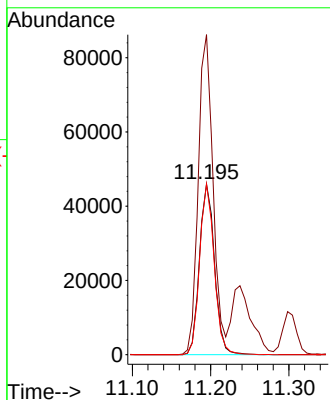
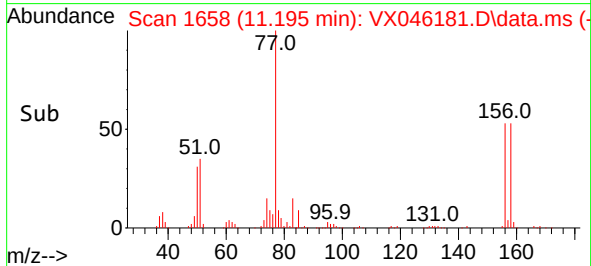
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



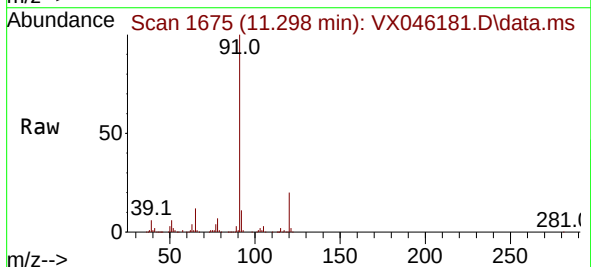
Tgt Ion:156 Resp: 61354
Ion Ratio Lower Upper
156 100
77 184.7 92.8 278.3
158 97.3 48.8 146.3

Manual Integrations
APPROVED

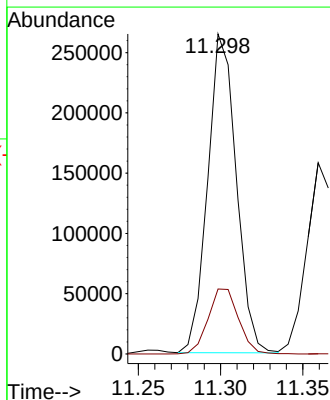
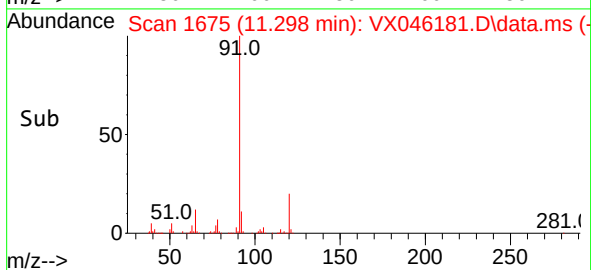
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

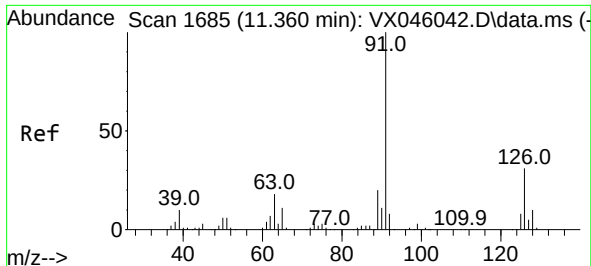


#78
n-propylbenzene
Concen: 53.832 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59



Tgt Ion: 91 Resp: 320409
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





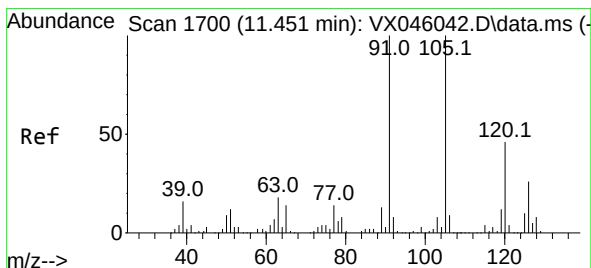
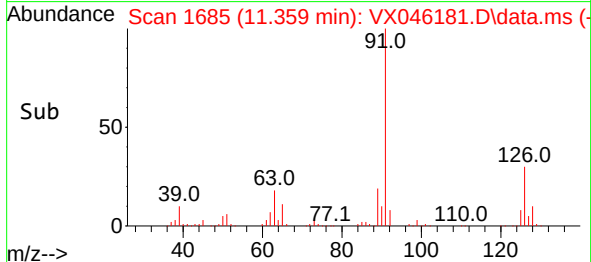
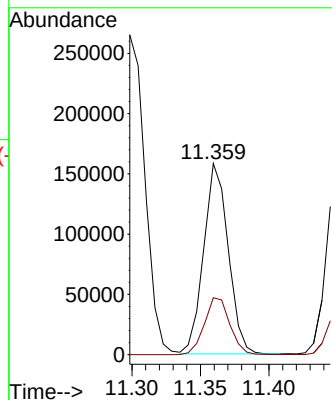
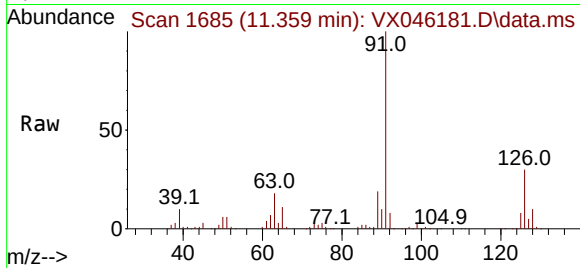
#79
2-Chlorotoluene
Concen: 51.259 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 19678
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.7

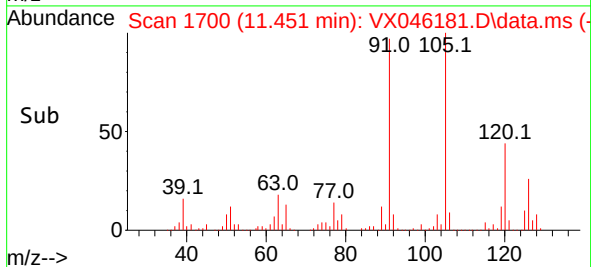
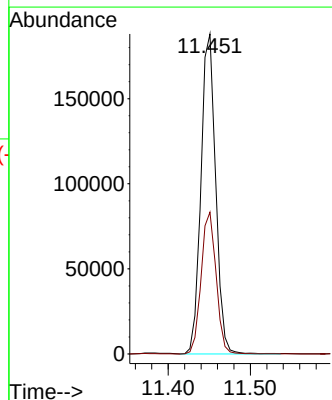
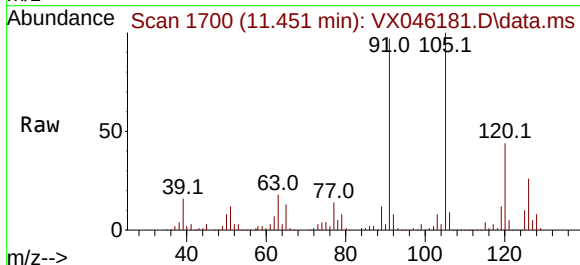
Manual Integrations
APPROVED

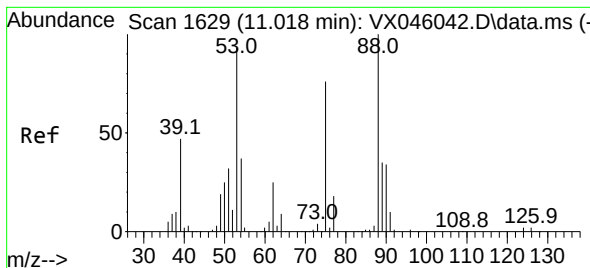
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.804 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

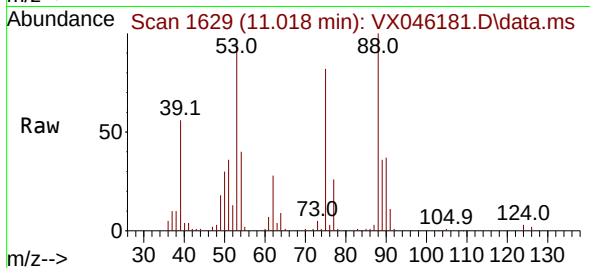
Tgt Ion:105 Resp: 234370
Ion Ratio Lower Upper
105 100
120 45.0 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 50.568 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

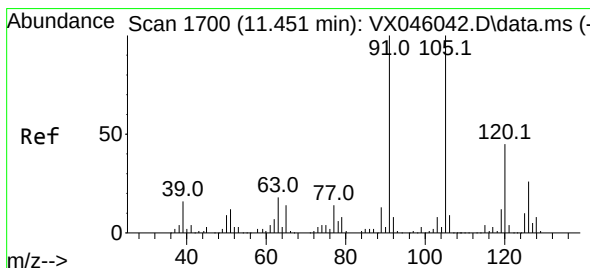
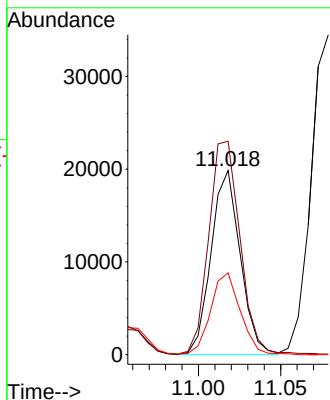
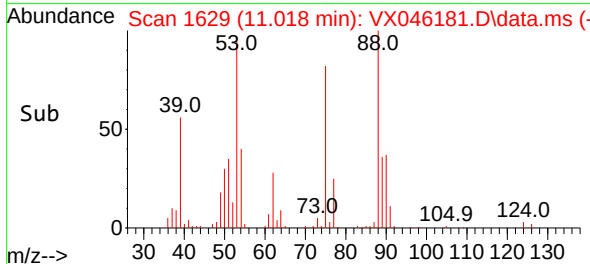
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 24582
Ion Ratio Lower Upper
75 100
53 124.8 100.5 150.7
89 45.0 37.0 55.6

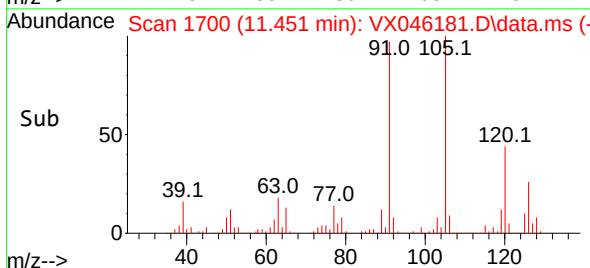
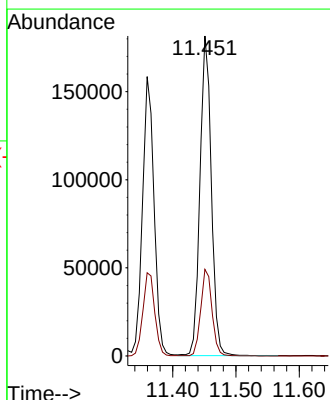
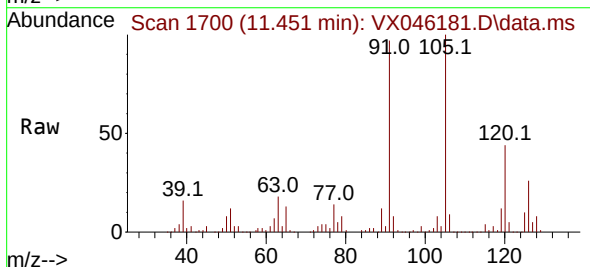
Manual Integrations
APPROVED

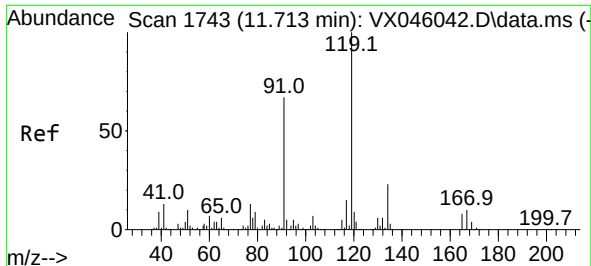
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#82
4-Chlorotoluene
Concen: 53.213 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

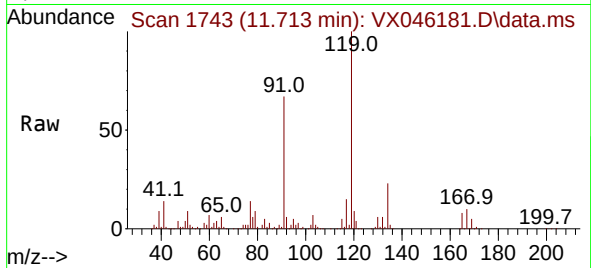
Tgt Ion: 91 Resp: 226547
Ion Ratio Lower Upper
91 100
126 27.0 13.3 39.8





#83
tert-Butylbenzene
Concen: 52.762 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

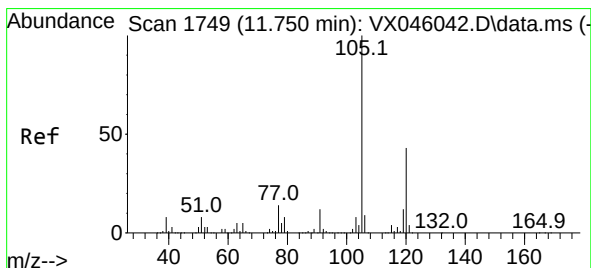
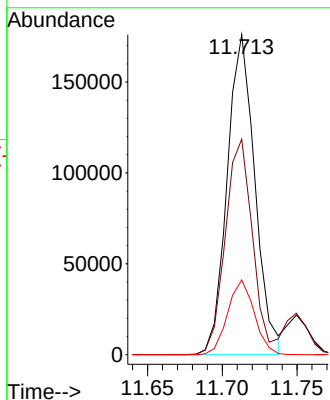
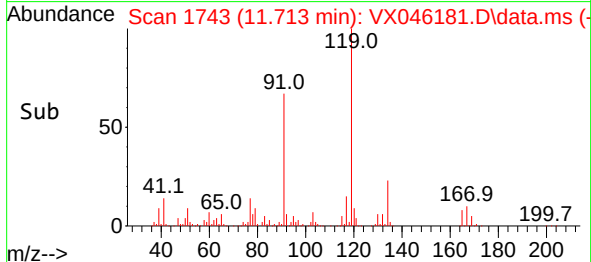
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



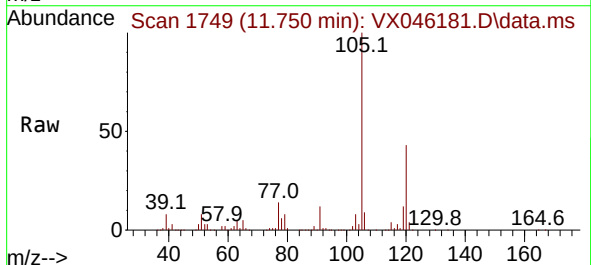
Tgt Ion:119 Resp: 227279
Ion Ratio Lower Upper
119 100
91 65.3 32.9 98.7
134 22.4 11.4 34.1

Manual Integrations
APPROVED

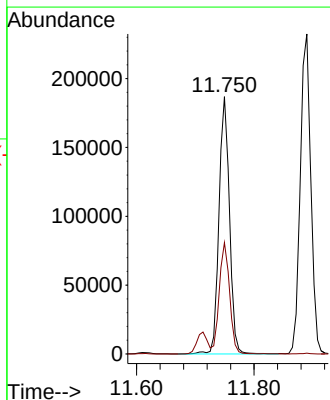
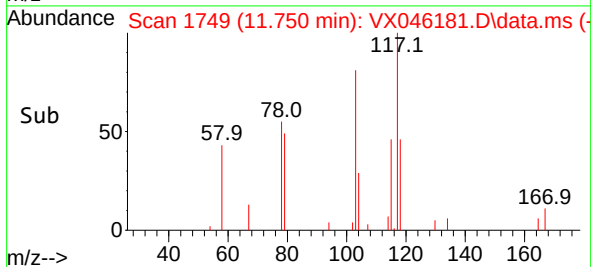
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

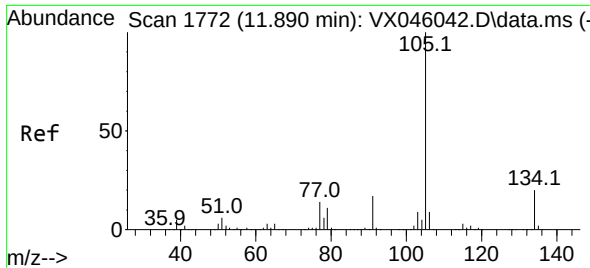


#84
1,2,4-Trimethylbenzene
Concen: 53.296 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59



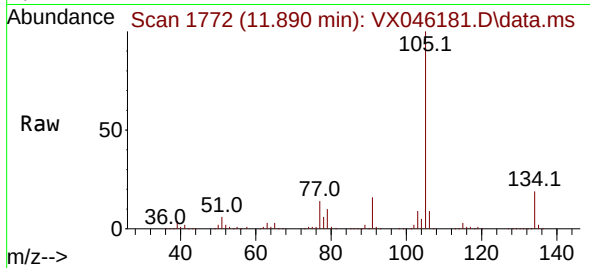
Tgt Ion:105 Resp: 230811
Ion Ratio Lower Upper
105 100
120 42.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 54.429 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046181.D
 Acq: 14 May 2025 09:59

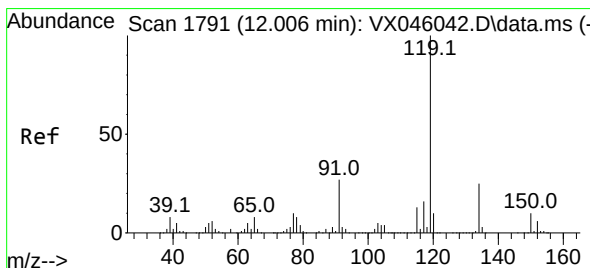
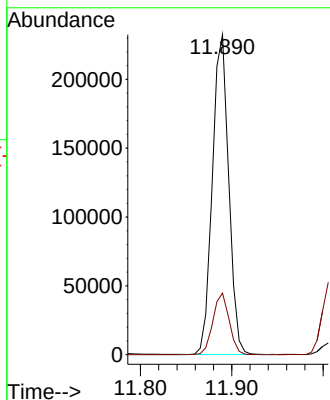
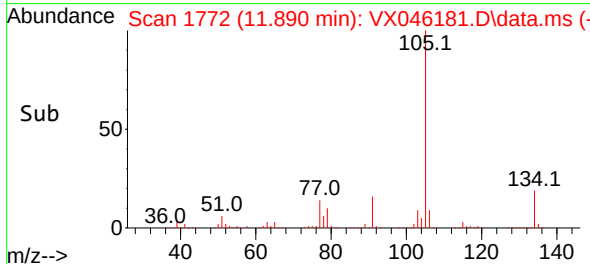
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 287878
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

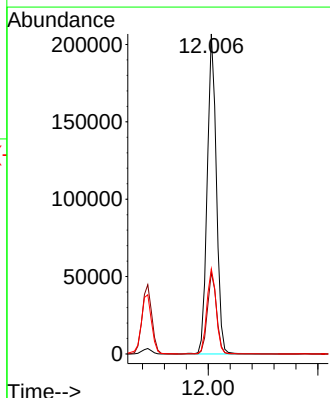
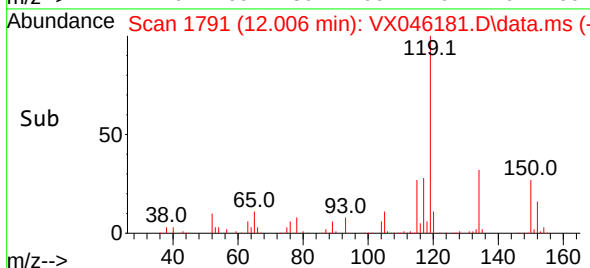
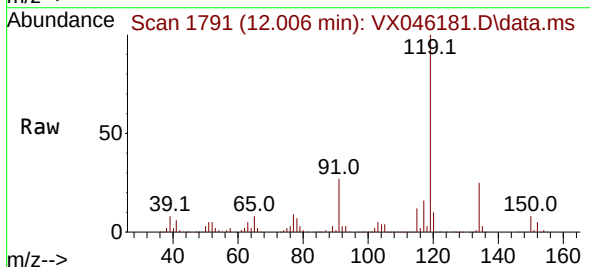
Manual Integrations
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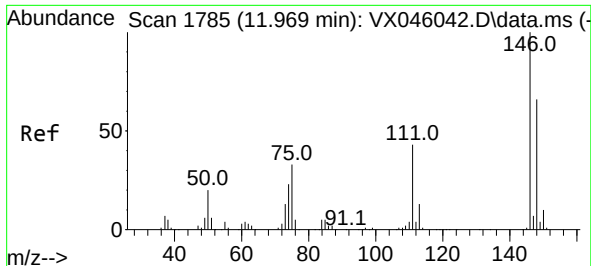
Reviewed By :John Carlone 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025



#86
 p-Isopropyltoluene
 Concen: 54.457 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046181.D
 Acq: 14 May 2025 09:59

Tgt Ion:119 Resp: 237747
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 27.2 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 52.131 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 113068

Ion Ratio Lower Upper

146 100

111 44.3 22.1 66.3

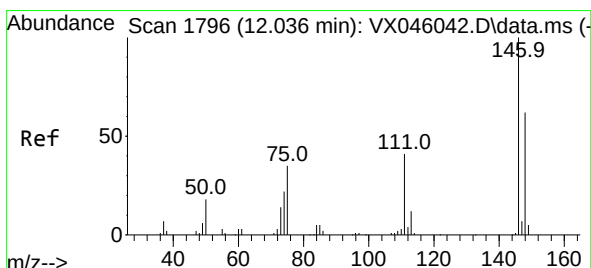
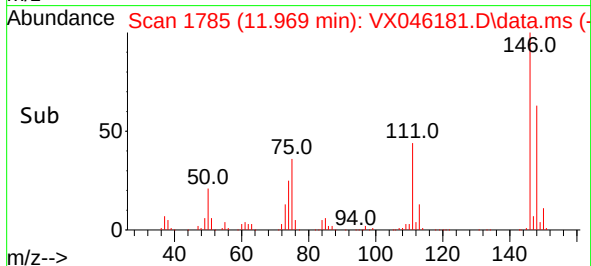
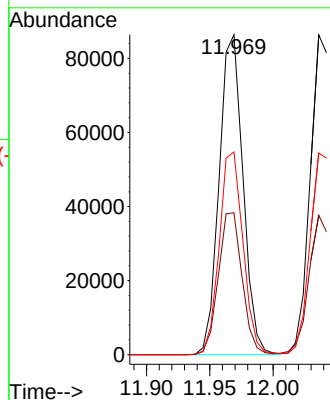
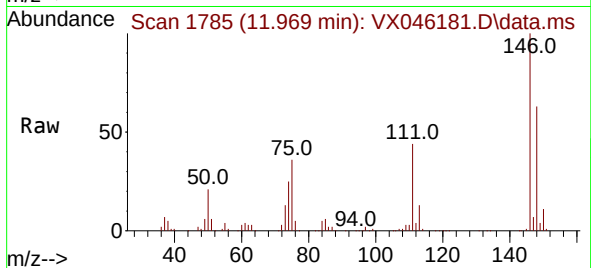
148 63.2 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#88

1,4-Dichlorobenzene

Concen: 50.642 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

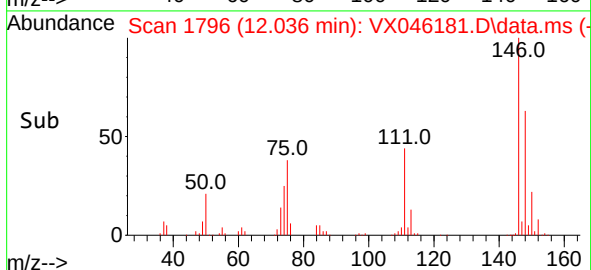
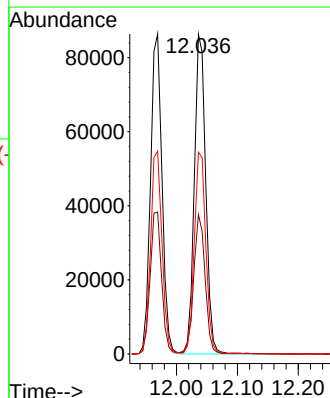
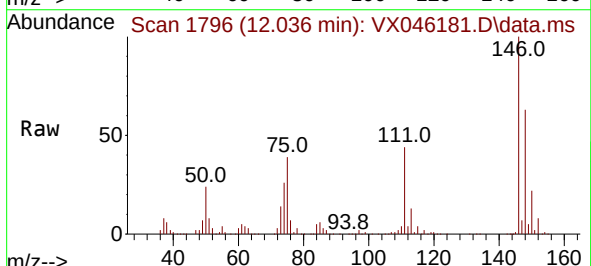
Tgt Ion:146 Resp: 112173

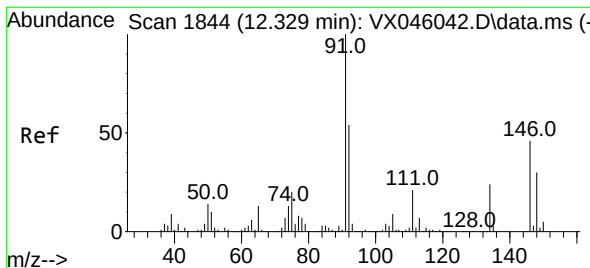
Ion Ratio Lower Upper

146 100

111 43.4 21.3 63.9

148 64.2 31.9 95.5





#89

n-Butylbenzene

Concen: 55.679 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046181.D

Acq: 14 May 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 21322

Ion Ratio Lower Upper

91 100

92 53.4 26.9 80.7

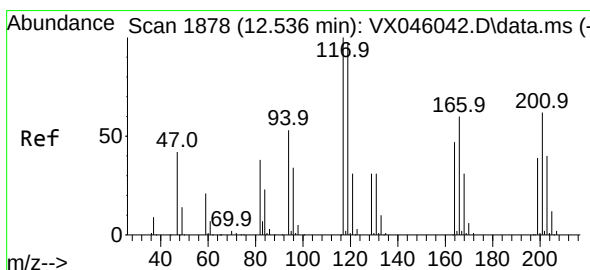
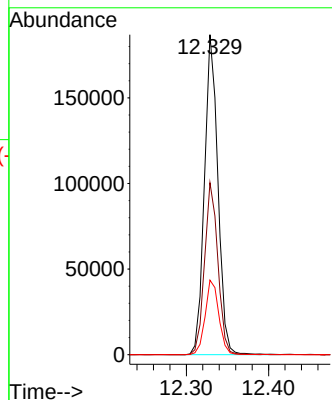
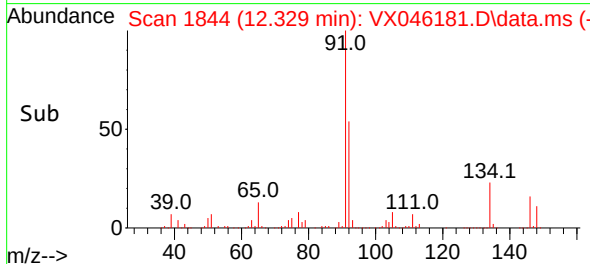
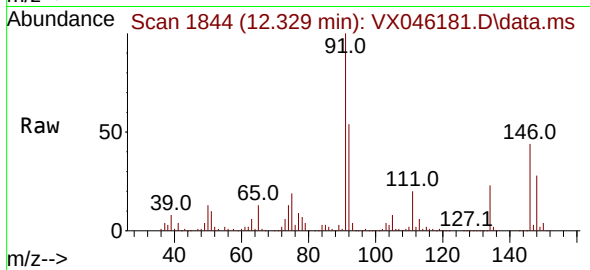
134 23.7 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#90

Hexachloroethane

Concen: 53.107 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046181.D

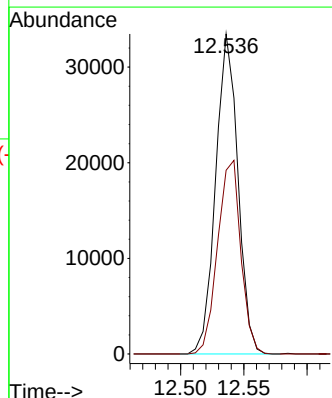
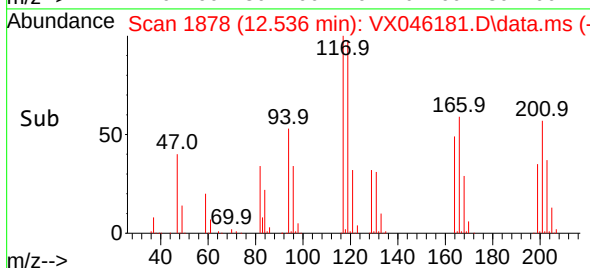
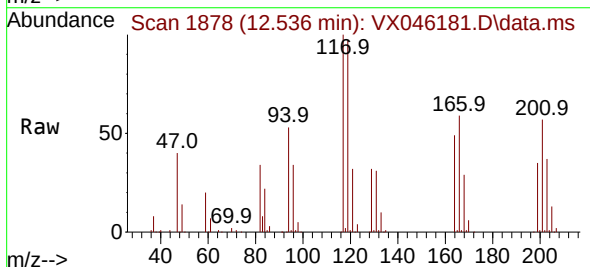
Acq: 14 May 2025 09:59

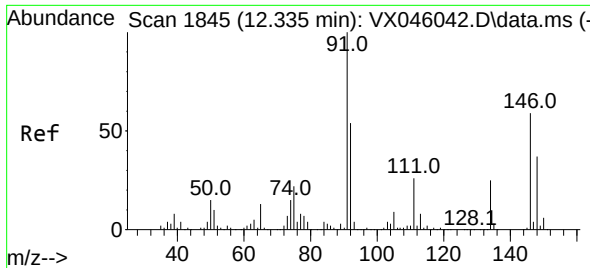
Tgt Ion:117 Resp: 40847

Ion Ratio Lower Upper

117 100

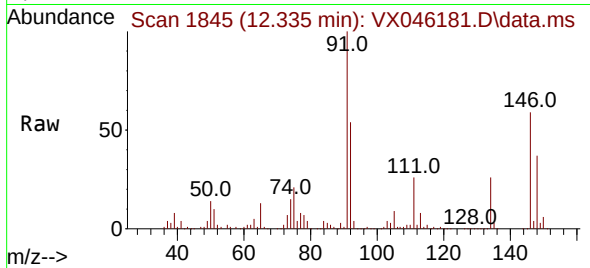
201 63.2 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 51.786 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

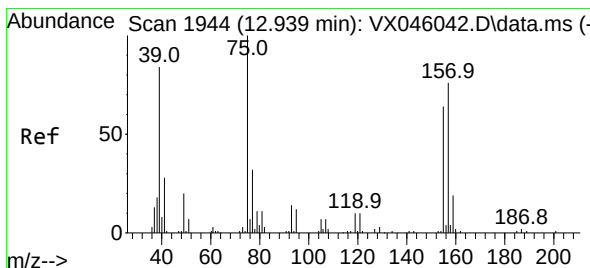
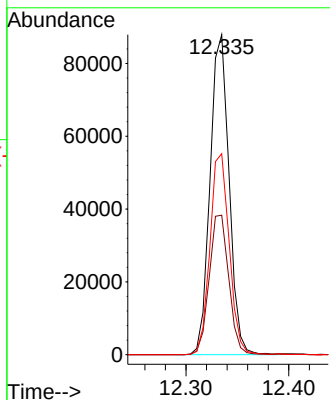
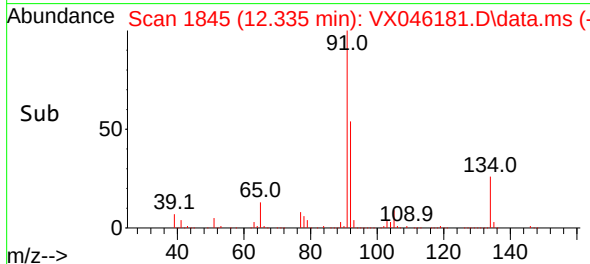
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



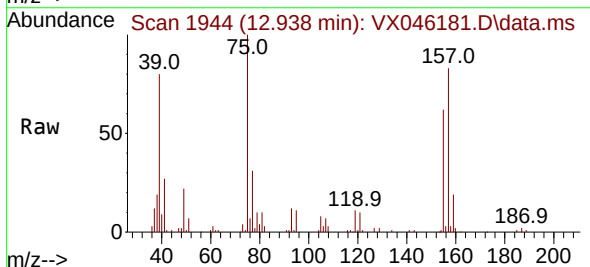
Tgt Ion:146 Resp: 11271
Ion Ratio Lower Upper
146 100
111 45.0 22.4 67.3
148 63.7 31.6 94.8

Manual Integrations
APPROVED

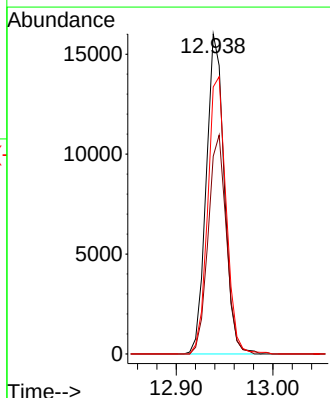
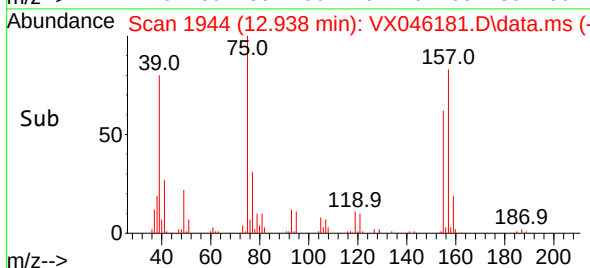
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

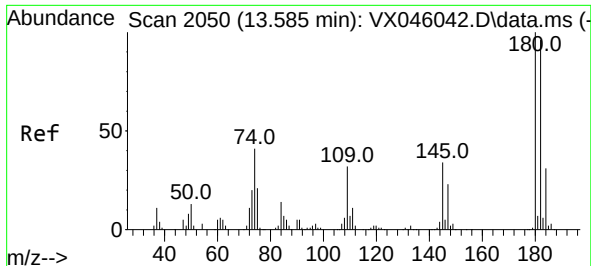


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.054 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59



Tgt Ion: 75 Resp: 20686
Ion Ratio Lower Upper
75 100
155 69.1 34.9 104.8
157 88.5 43.8 131.4





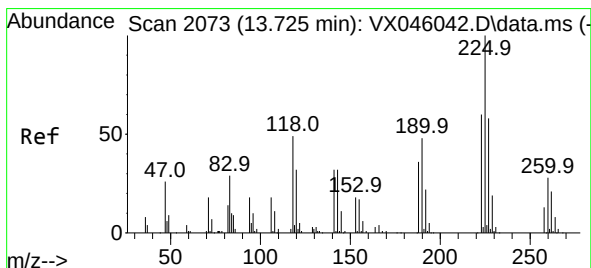
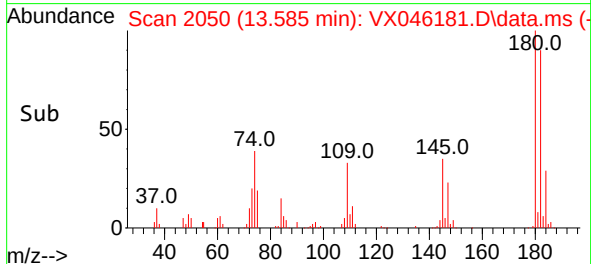
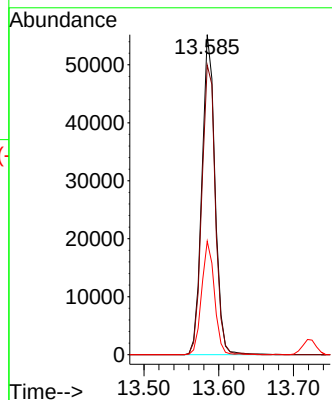
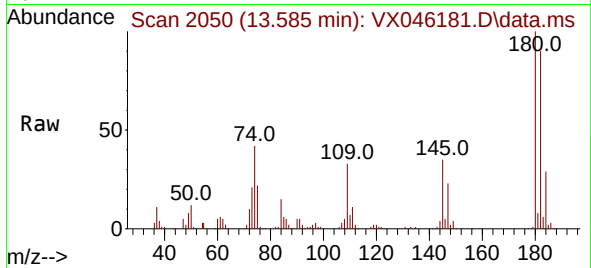
#93
1,2,4-Trichlorobenzene
Concen: 53.791 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 6724
Ion Ratio Lower Upper
180 100
182 93.2 47.9 143.8
145 34.6 17.1 51.2

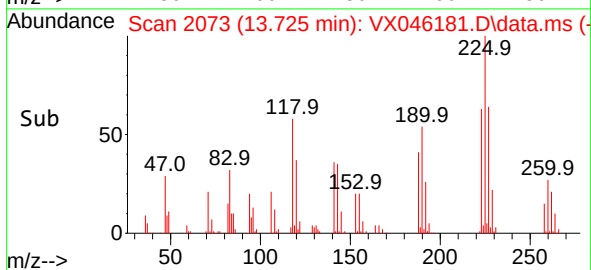
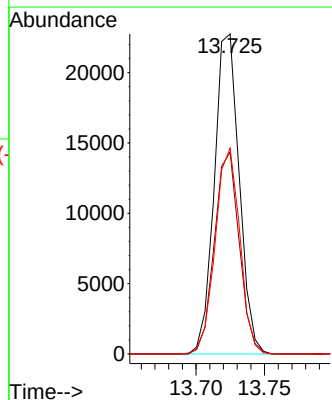
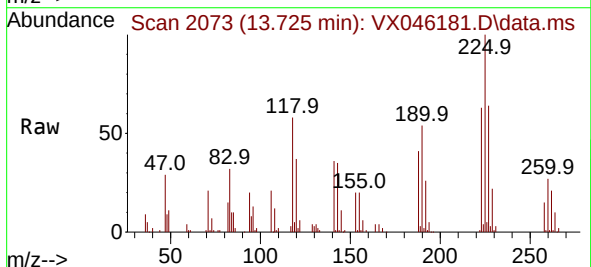
Manual Integrations
APPROVED

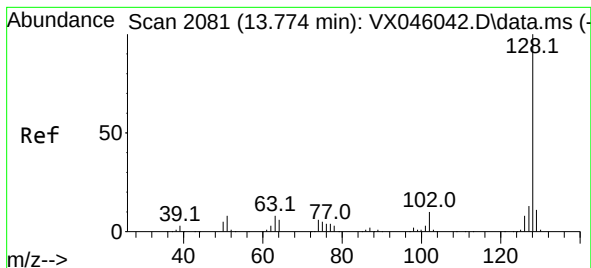
Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#94
Hexachlorobutadiene
Concen: 52.668 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

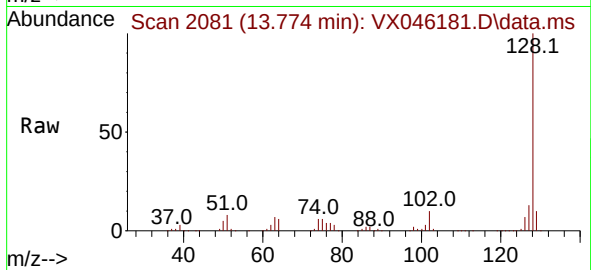
Tgt Ion:225 Resp: 28755
Ion Ratio Lower Upper
225 100
223 63.0 30.8 92.4
227 63.4 30.9 92.7





#95
Naphthalene
Concen: 52.084 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59

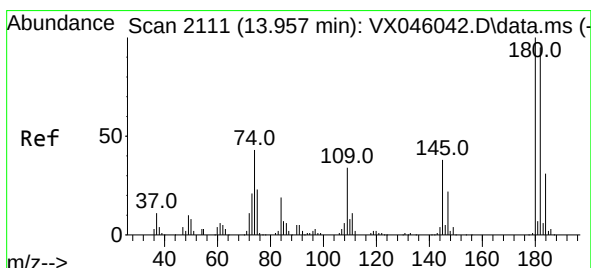
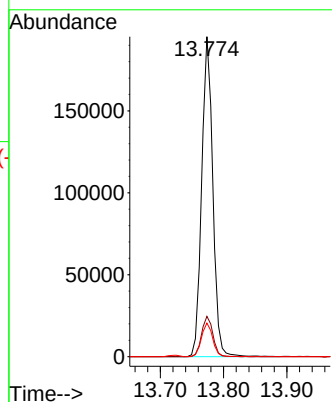
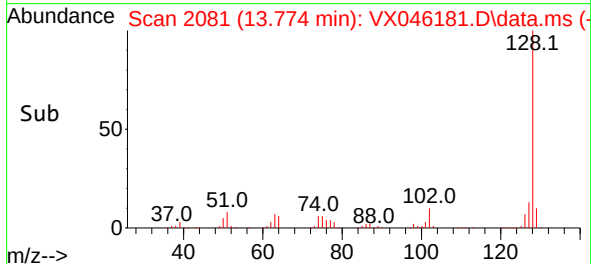
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



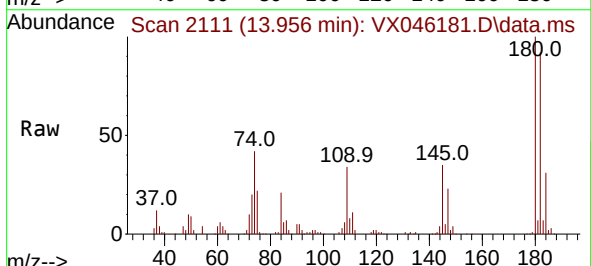
Tgt Ion:128 Resp: 238800
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.661 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046181.D
Acq: 14 May 2025 09:59



Tgt Ion:180 Resp: 69216
Ion Ratio Lower Upper
180 100
182 92.5 47.8 143.3
145 35.3 18.1 54.3

