

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046255.D
 Acq On : 19 May 2025 10:05
 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 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 19 23:05:09 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	5.538	168	97192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	87750	48.428	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.860%		
35) Dibromofluoromethane	5.379	113	62751	53.185	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.380%		
50) Toluene-d8	8.641	98	205467	50.315	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.620%		
62) 4-Bromofluorobenzene	11.079	95	80710	51.525	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77853	52.335	ug/l	100
3) Chloromethane	1.301	50	72198	50.048	ug/l	96
4) Vinyl Chloride	1.374	62	65451	48.749	ug/l	98
5) Bromomethane	1.593	94	28871	46.363	ug/l	96
6) Chloroethane	1.666	64	36632	51.109	ug/l	93
7) Trichlorofluoromethane	1.874	101	102085	51.448	ug/l	97
8) Diethyl Ether	2.130	74	32915	48.729	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	62772	51.119	ug/l	99
10) Methyl Iodide	2.441	142	65860	45.327	ug/l	99
11) Tert butyl alcohol	2.977	59	62364	245.194	ug/l	100
12) 1,1-Dichloroethene	2.306	96	55656	48.293	ug/l	98
13) Acrolein	2.233	56	92840	320.514	ug/l	99
14) Allyl chloride	2.654	41	114233	51.864	ug/l	98
15) Acrylonitrile	3.062	53	189093	259.998	ug/l	98
16) Acetone	2.380	43	181372	249.646	ug/l	100
17) Carbon Disulfide	2.502	76	130127	47.627	ug/l	100
18) Methyl Acetate	2.703	43	96692	57.353	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	208892	51.700	ug/l	99
20) Methylene Chloride	2.782	84	65150	46.795	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	56851	49.053	ug/l	99
22) Diisopropyl ether	3.757	45	220467	51.819	ug/l	95
23) Vinyl Acetate	3.715	43	960660	256.722	ug/l	100
24) 1,1-Dichloroethane	3.599	63	119876	50.587	ug/l	98
25) 2-Butanone	4.550	43	267145	253.279	ug/l	100
26) 2,2-Dichloropropane	4.465	77	97036	52.317	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	67956	48.707	ug/l	98
28) Bromochloromethane	4.891	49	55621	48.763	ug/l	99
29) Tetrahydrofuran	4.995	42	167256	253.062	ug/l	98
30) Chloroform	5.080	83	125854	50.954	ug/l	96
31) Cyclohexane	5.458	56	101388	46.952	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	110084	51.415	ug/l	100
36) 1,1-Dichloropropene	5.684	75	78170	49.311	ug/l	97
37) Ethyl Acetate	4.708	43	99787	50.949	ug/l	99
38) Carbon Tetrachloride	5.666	117	94579	53.099	ug/l	98
39) Methylcyclohexane	7.373	83	98620	48.322	ug/l	97
40) Benzene	6.025	78	238301	51.321	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57196	55.825	ug/l	98
42) 1,2-Dichloroethane	6.080	62	102281	51.038	ug/l	100
43) Isopropyl Acetate	6.336	43	158764	53.135	ug/l	99
44) Trichloroethene	7.117	130	57119	51.110	ug/l	98
45) 1,2-Dichloropropane	7.421	63	62232	53.899	ug/l	100
46) Dibromomethane	7.574	93	46193	50.726	ug/l	98
47) Bromodichloromethane	7.812	83	98944	55.166	ug/l	98
48) Methyl methacrylate	7.684	41	83134	54.480	ug/l	99
49) 1,4-Dioxane	7.659	88	28914	997.932	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	532634	268.553	ug/l	100
52) Toluene	8.714	92	145397	51.066	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	87979	55.186	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	96528	54.783	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	59460	52.963	ug/l	96
56) Ethyl methacrylate	9.110	69	98149	54.853	ug/l	98
57) 1,3-Dichloropropane	9.305	76	102717	50.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	246924	270.687	ug/l	100
59) 2-Hexanone	9.427	43	392889	267.754	ug/l	100
60) Dibromochloromethane	9.519	129	70302	57.019	ug/l	99
61) 1,2-Dibromoethane	9.604	107	61232	52.476	ug/l	97
64) Tetrachloroethene	9.269	164	50976	50.484	ug/l	98
65) Chlorobenzene	10.073	112	158879	50.864	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	57442	53.854	ug/l	100
67) Ethyl Benzene	10.189	91	288514	52.399	ug/l	99
68) m/p-Xylenes	10.299	106	212192	105.368	ug/l	99
69) o-Xylene	10.640	106	102943	52.434	ug/l	96
70) Styrene	10.653	104	180462	56.113	ug/l	99
71) Bromoform	10.799	173	45893	57.309	ug/l #	97
73) Isopropylbenzene	10.957	105	281669	51.487	ug/l	99
74) N-amyl acetate	10.842	43	137605	50.902	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	93098	48.561	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83305m	49.251	ug/l	
77) Bromobenzene	11.195	156	64940	51.130	ug/l	97
78) n-propylbenzene	11.299	91	332490	52.270	ug/l	100
79) 2-Chlorotoluene	11.360	91	204053	49.734	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	238771	52.243	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27314	52.574	ug/l	97
82) 4-Chlorotoluene	11.451	91	239800	52.703	ug/l	99
83) tert-Butylbenzene	11.713	119	236790	51.435	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	241446	52.167	ug/l	99
85) sec-Butylbenzene	11.890	105	297240	52.585	ug/l	100
86) p-Isopropyltoluene	12.006	119	248673	53.297	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	117789	50.815	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	119045	50.288	ug/l	99
89) n-Butylbenzene	12.329	91	224545	54.865	ug/l	100
90) Hexachloroethane	12.536	117	44103	53.653	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	118255	50.839	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22414	52.775	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	69267	51.847	ug/l	99
94) Hexachlorobutadiene	13.725	225	30637	52.507	ug/l	97
95) Naphthalene	13.774	128	242964	49.585	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	70028	50.799	ug/l	98

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VSTDCCC050

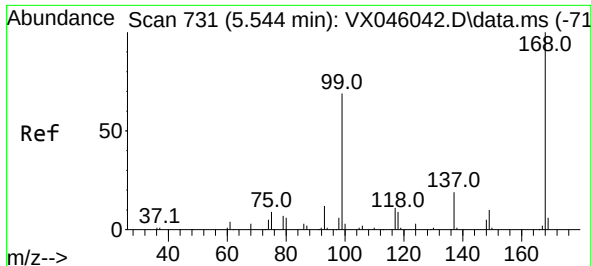
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



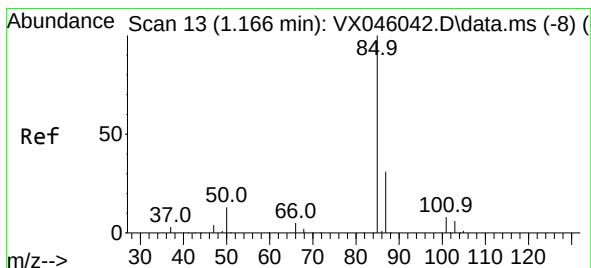
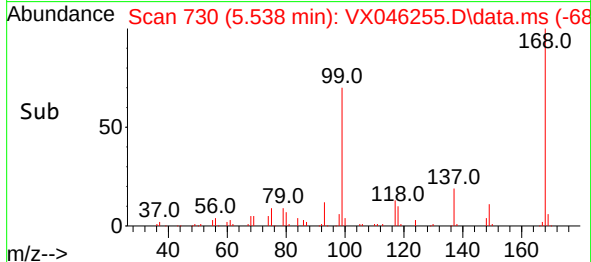
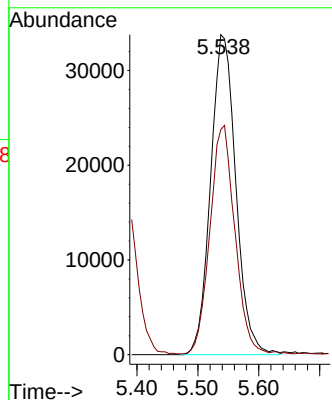
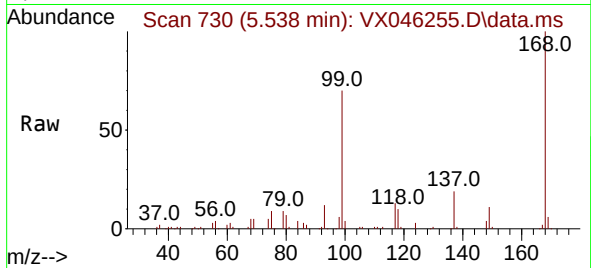
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046255.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 97192
Ion Ratio Lower Upper
168 100
99 70.1 54.9 82.3

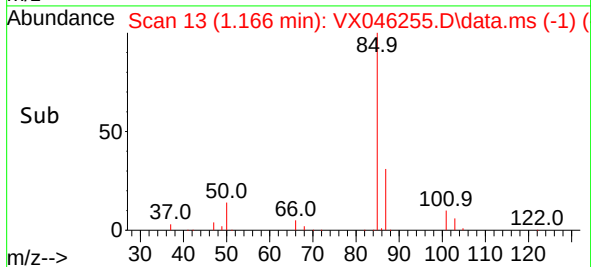
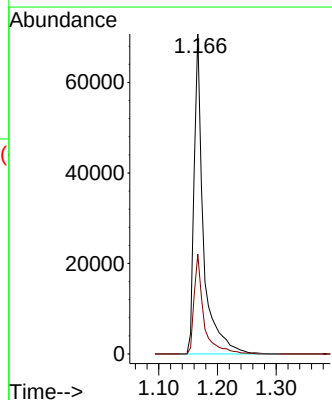
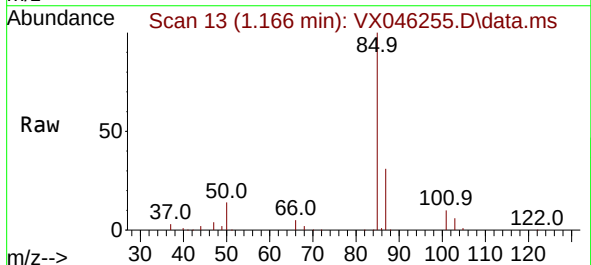
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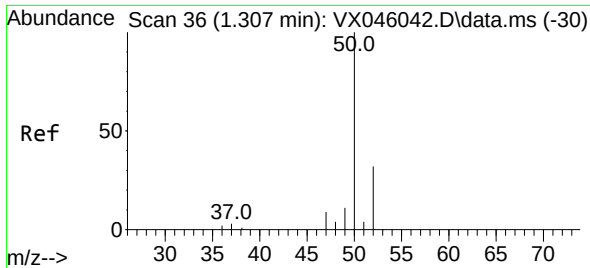
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#2
Dichlorodifluoromethane
Concen: 52.335 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion: 85 Resp: 77853
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.1





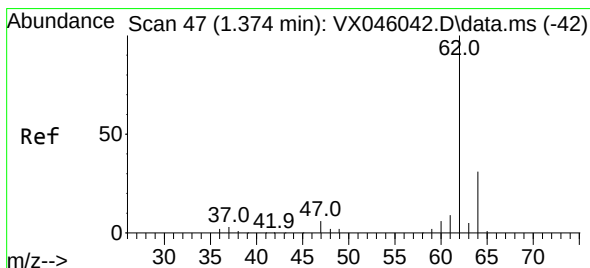
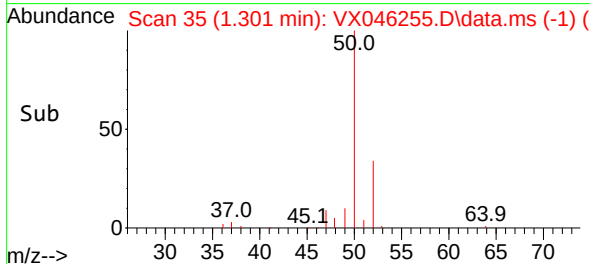
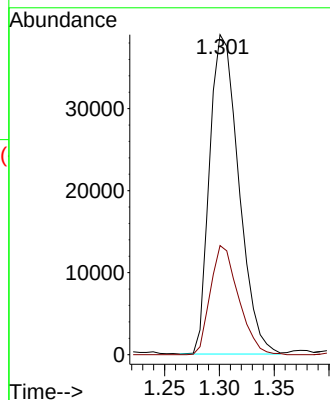
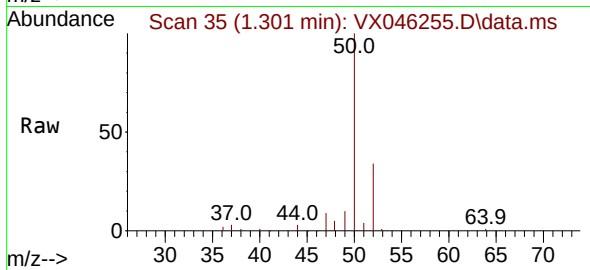
#3
Chloromethane
Concen: 50.048 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 72198
Ion Ratio Lower Upper
50 100
52 34.2 25.4 38.2

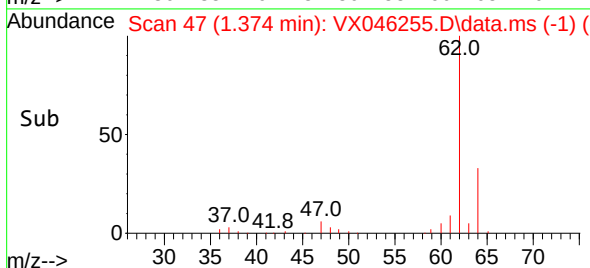
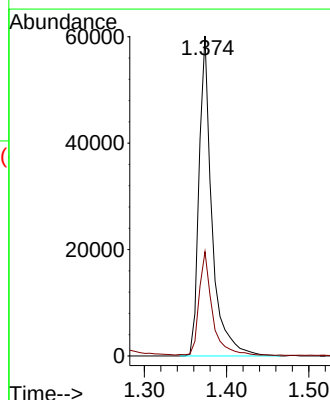
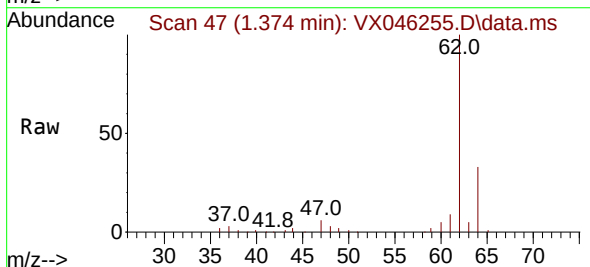
Manual Integrations
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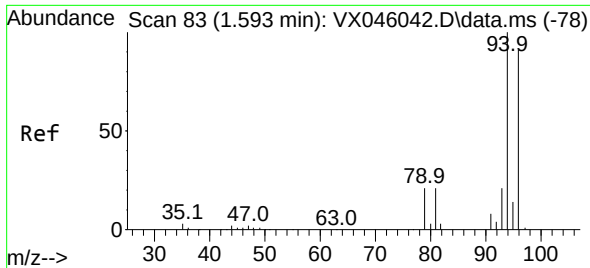
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#4
Vinyl Chloride
Concen: 48.749 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

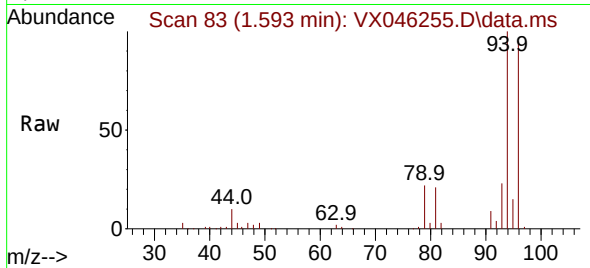
Tgt Ion: 62 Resp: 65451
Ion Ratio Lower Upper
62 100
64 32.3 25.2 37.8





#5
Bromomethane
Concen: 46.363 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

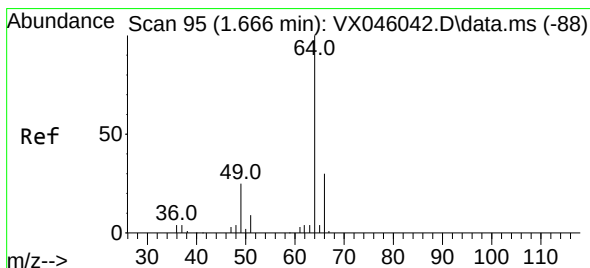
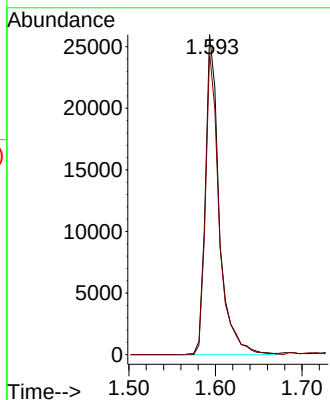
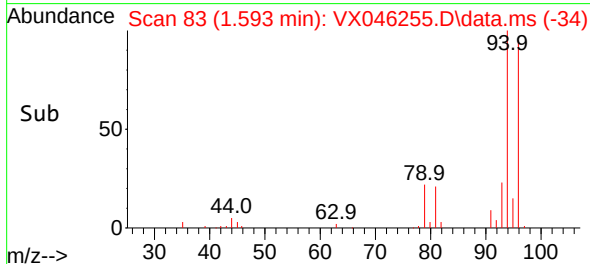
Instrument :
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Tgt Ion: 94 Resp: 2887
Ion Ratio Lower Upper
94 100
96 94.7 72.8 109.2

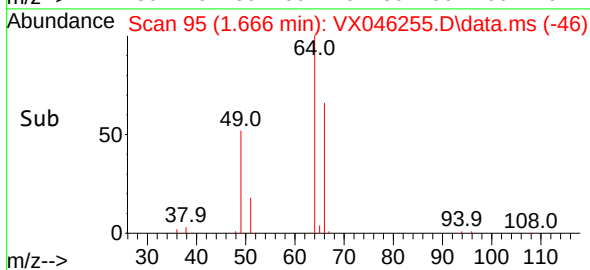
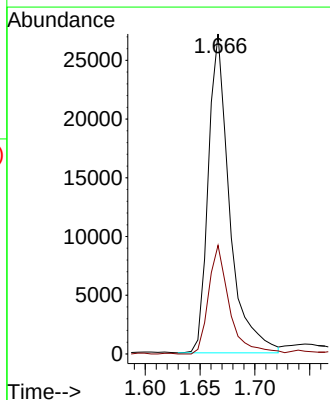
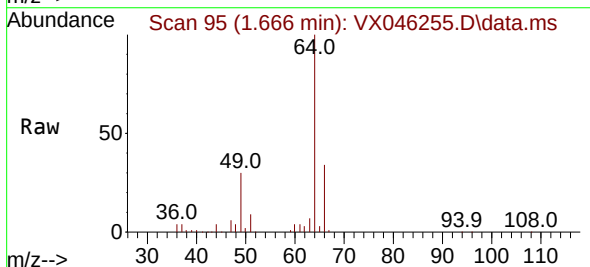
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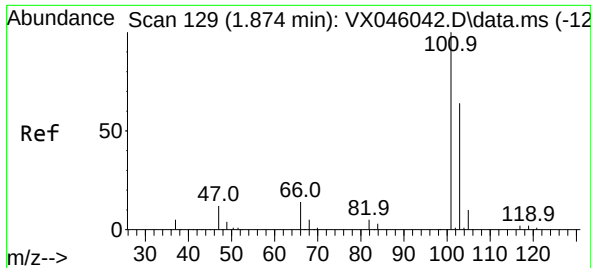
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#6
Chloroethane
Concen: 51.109 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046255.D
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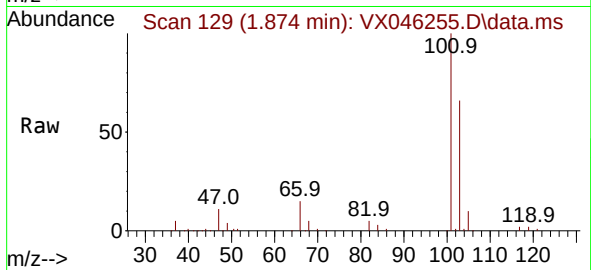
Tgt Ion: 64 Resp: 36632
Ion Ratio Lower Upper
64 100
66 34.1 24.3 36.5





#7
Trichlorofluoromethane
Concen: 51.448 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046255.D
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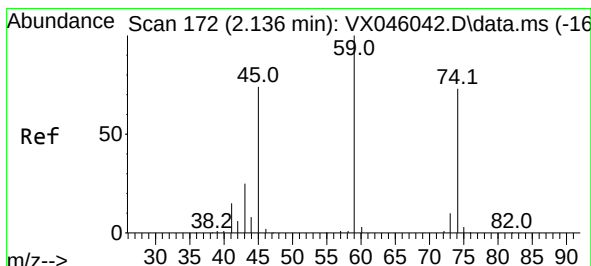
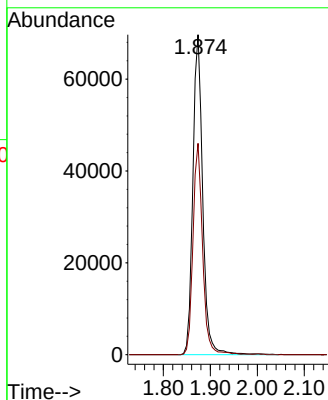
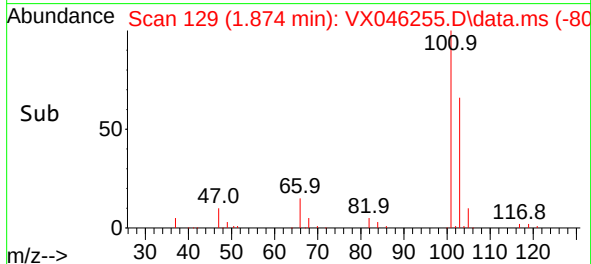
Instrument :
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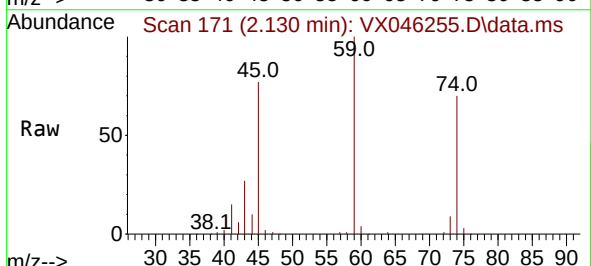
Tgt Ion:101 Resp: 10208
Ion Ratio Lower Upper
101 100
103 66.1 51.0 76.4

Manual Integrations
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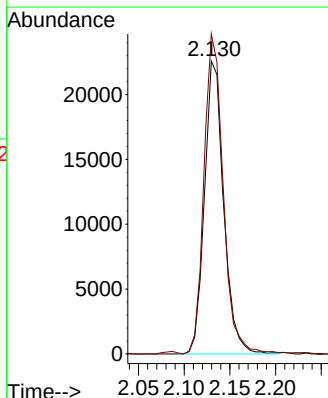
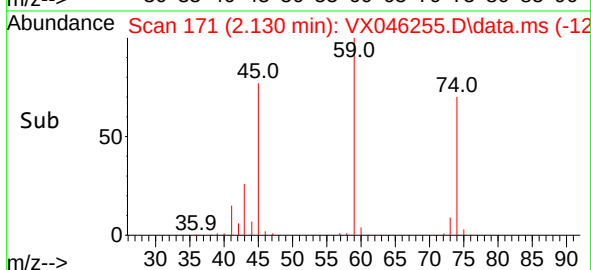
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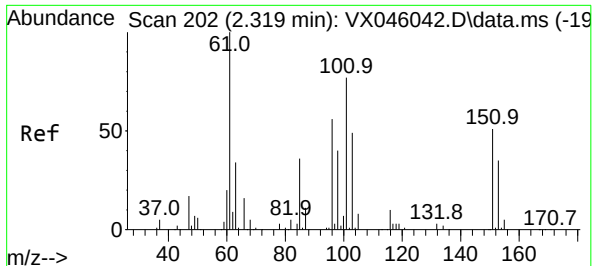


#8
Diethyl Ether
Concen: 48.729 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05



Tgt Ion: 74 Resp: 32915
Ion Ratio Lower Upper
74 100
45 109.4 54.9 164.8





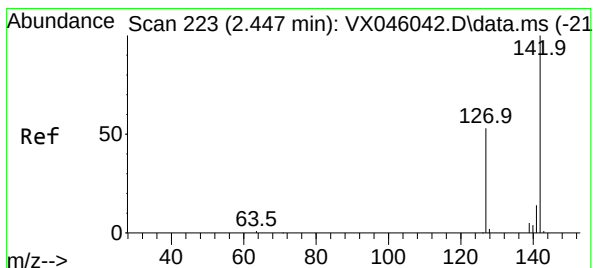
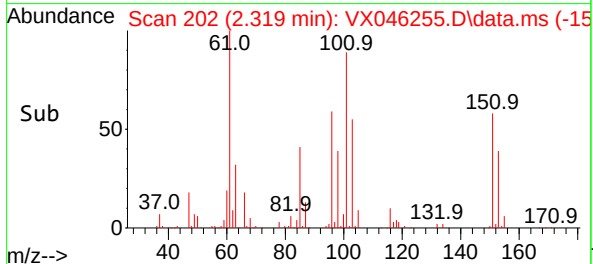
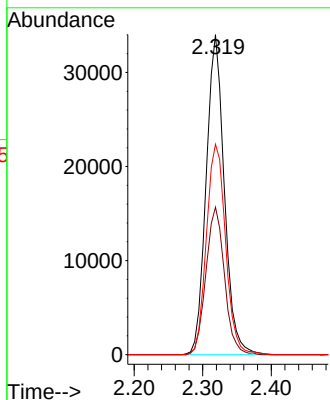
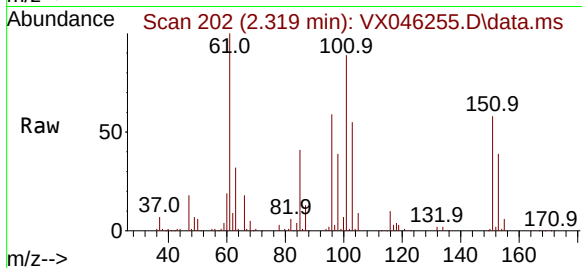
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.119 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

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Tgt Ion:101 Resp: 62772
Ion Ratio Lower Upper
101 100
85 47.0 38.6 58.0
151 69.5 55.2 82.8

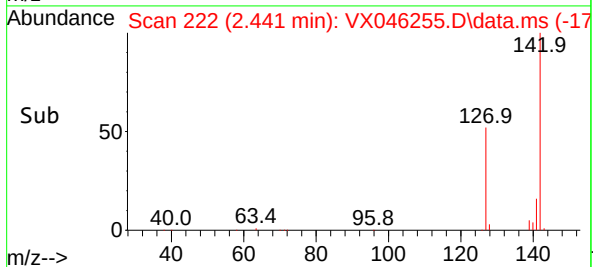
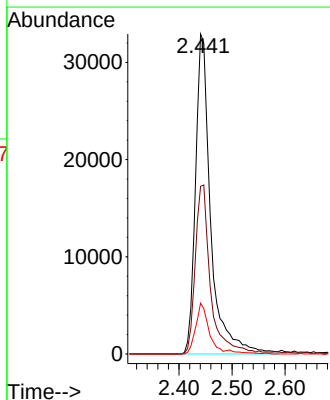
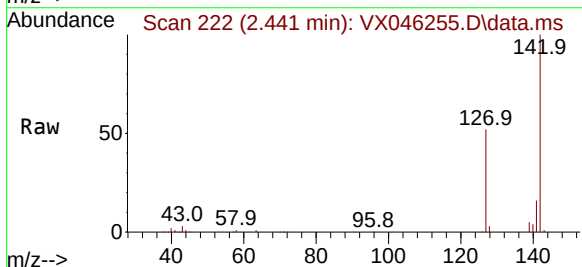
Manual Integrations
APPROVED

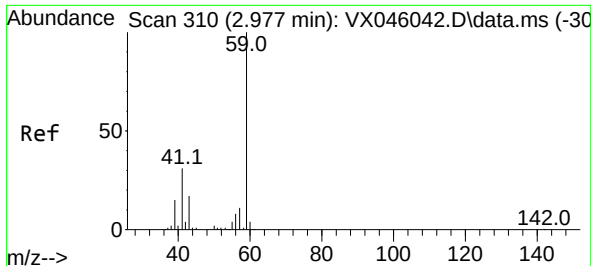
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#10
Methyl Iodide
Concen: 45.327 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

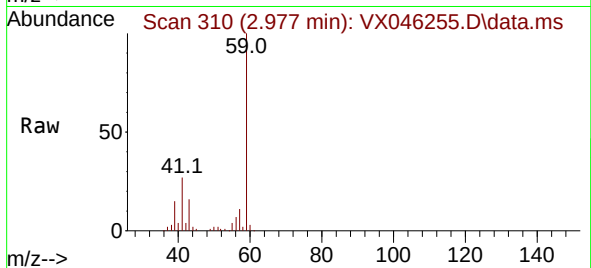
Tgt Ion:142 Resp: 65860
Ion Ratio Lower Upper
142 100
127 53.1 41.7 62.5
141 14.7 11.5 17.3





#11
Tert butyl alcohol
Concen: 245.194 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

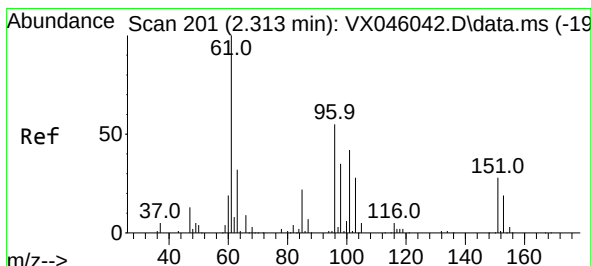
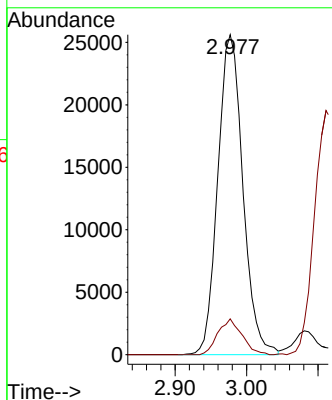
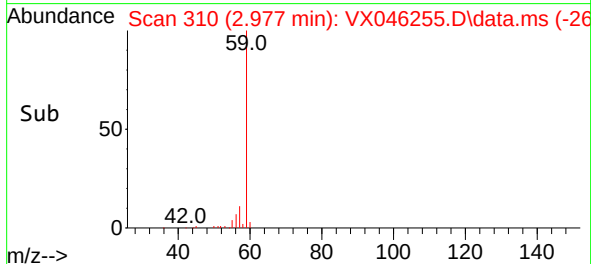
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



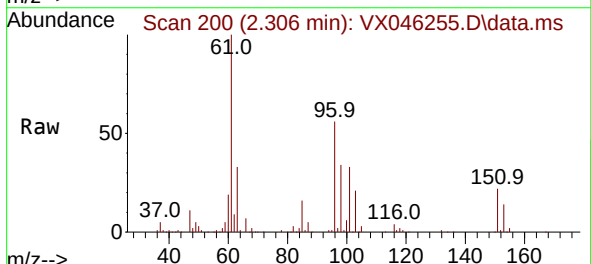
Tgt Ion: 59 Resp: 62364
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

Manual Integrations
APPROVED

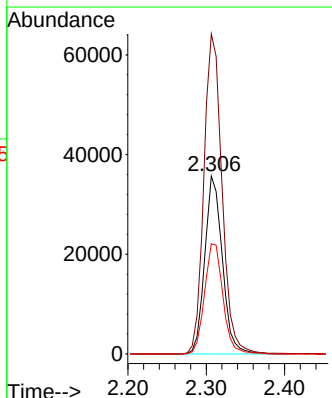
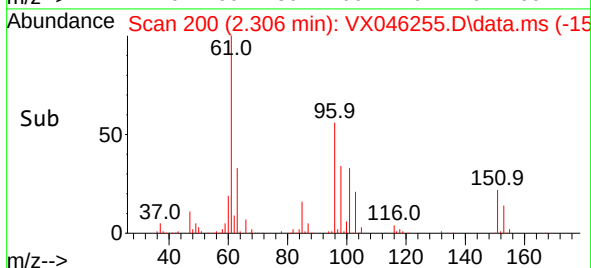
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

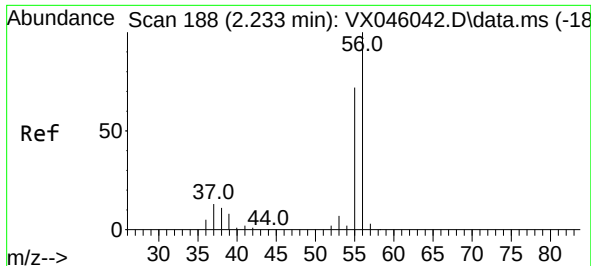


#12
1,1-Dichloroethene
Concen: 48.293 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05



Tgt Ion: 96 Resp: 55656
Ion Ratio Lower Upper
96 100
61 179.9 146.2 219.2
98 62.0 51.0 76.6





#13

Acrolein

Concen: 320.514 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 92840

Ion Ratio Lower Upper

56 100

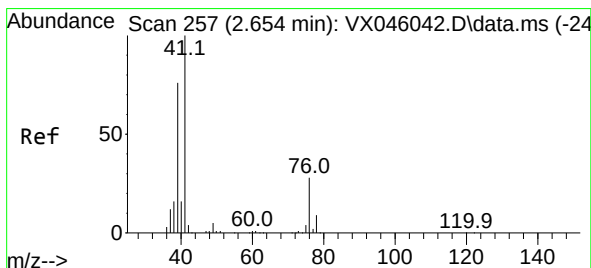
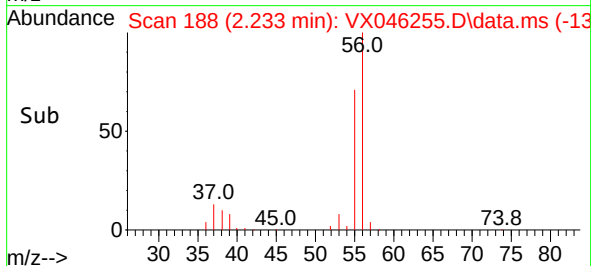
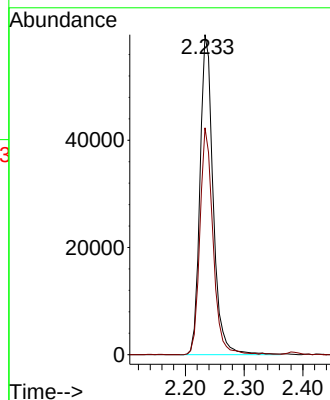
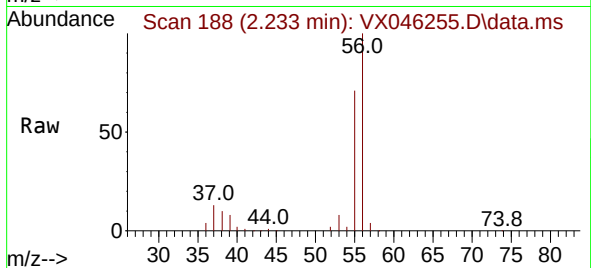
55 70.8 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#14

Allyl chloride

Concen: 51.864 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

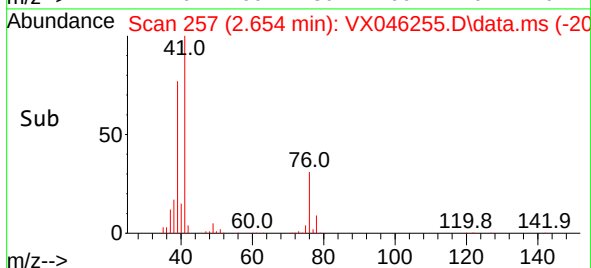
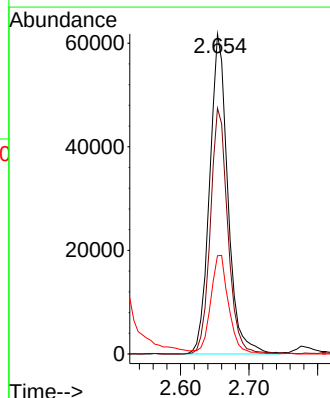
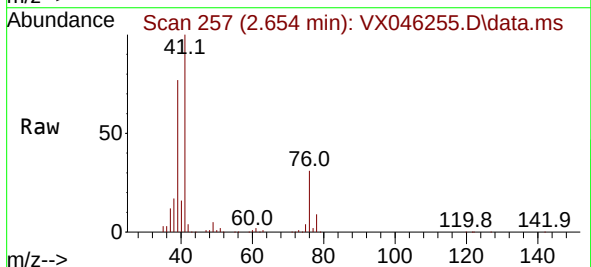
Tgt Ion: 41 Resp: 114233

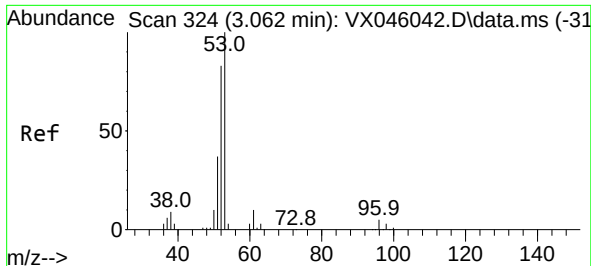
Ion Ratio Lower Upper

41 100

39 73.4 60.6 90.8

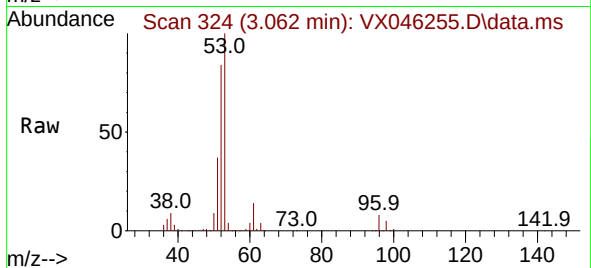
76 30.1 24.9 37.3





#15
Acrylonitrile
Concen: 259.998 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

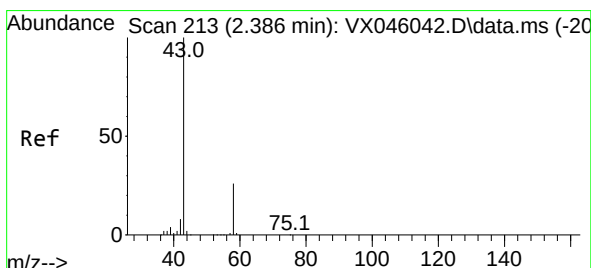
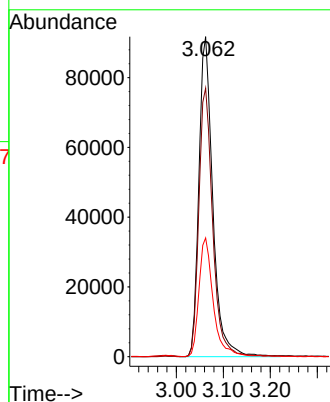
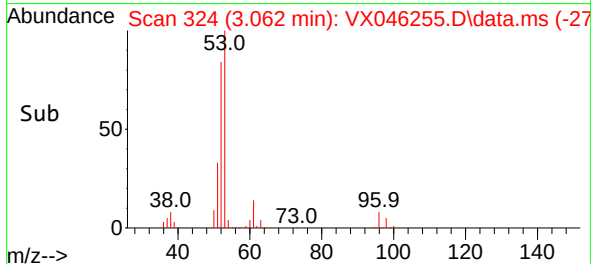
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 18909
Ion Ratio Lower Upper
53 100
52 83.4 65.3 97.9
51 38.3 29.8 44.8

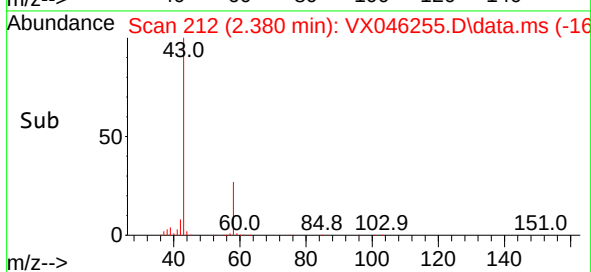
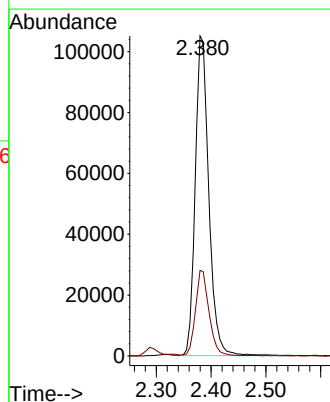
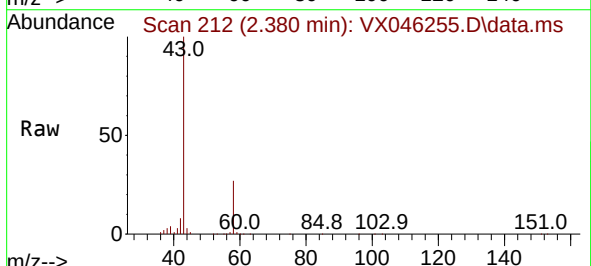
Manual Integrations
APPROVED

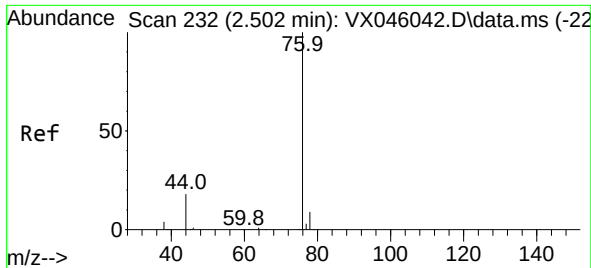
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 249.646 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion: 43 Resp: 181372
Ion Ratio Lower Upper
43 100
58 26.7 21.2 31.8





#17

Carbon Disulfide

Concen: 47.627 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 13012

Ion Ratio Lower Upper

76 100

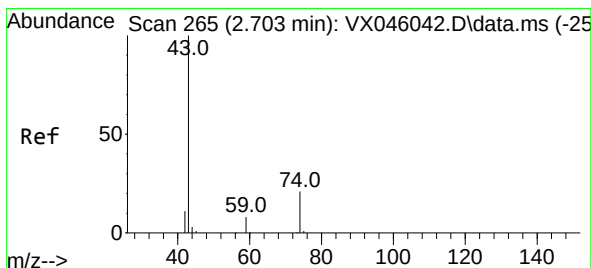
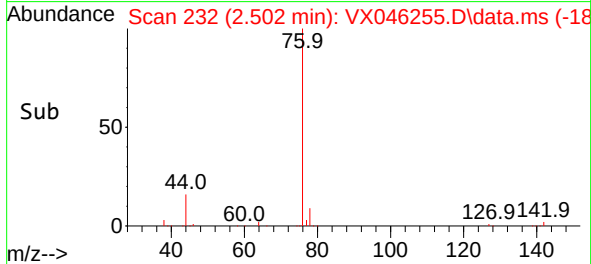
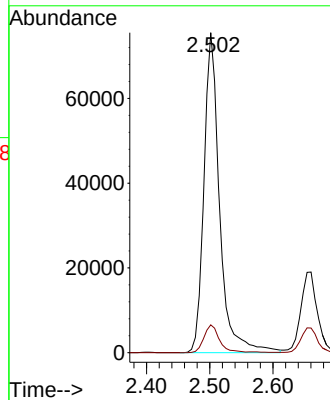
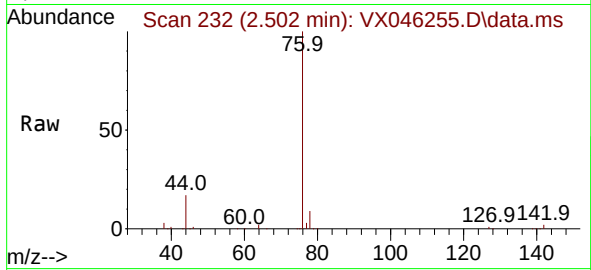
78 8.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#18

Methyl Acetate

Concen: 57.353 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046255.D

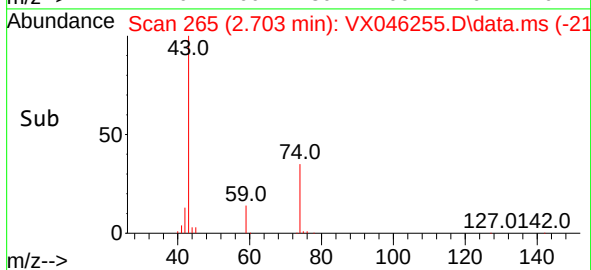
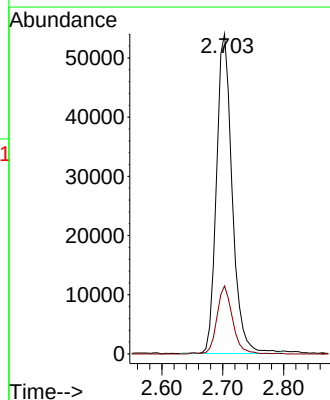
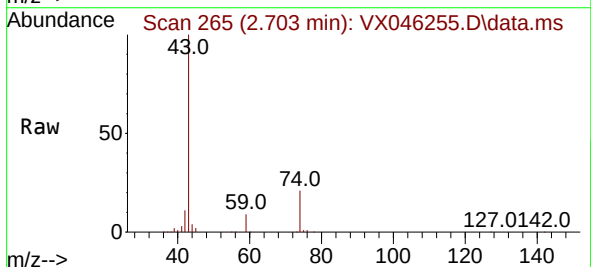
Acq: 19 May 2025 10:05

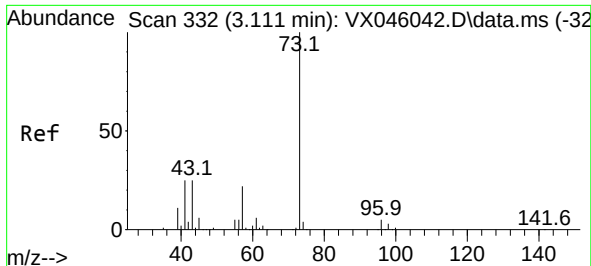
Tgt Ion: 43 Resp: 96692

Ion Ratio Lower Upper

43 100

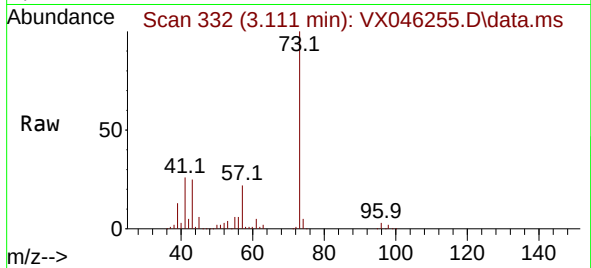
74 20.6 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 51.700 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

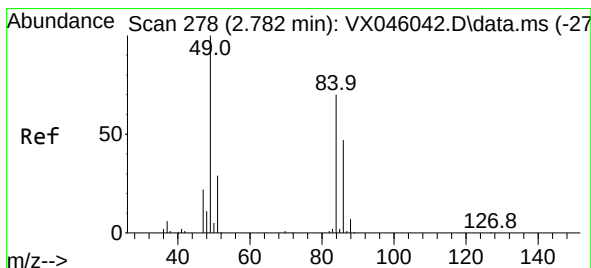
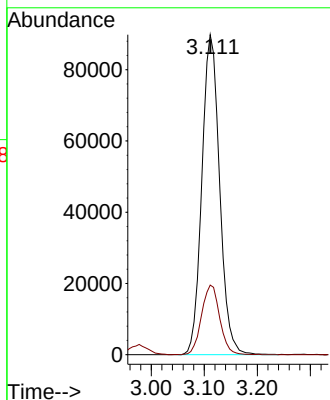
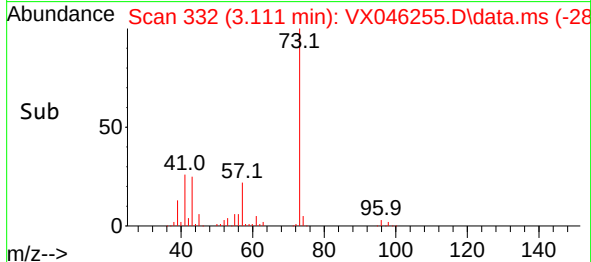
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 208892
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

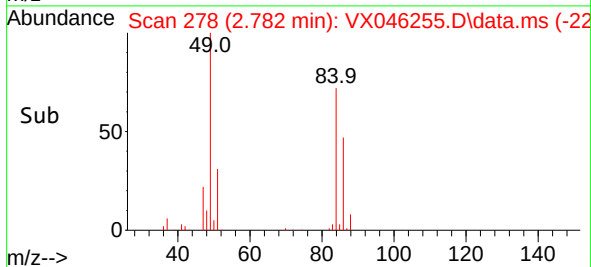
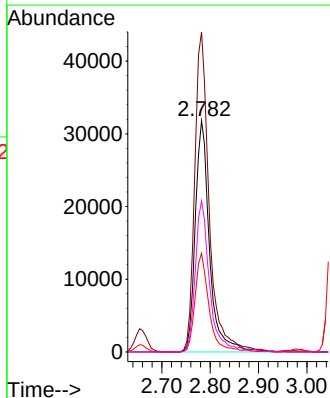
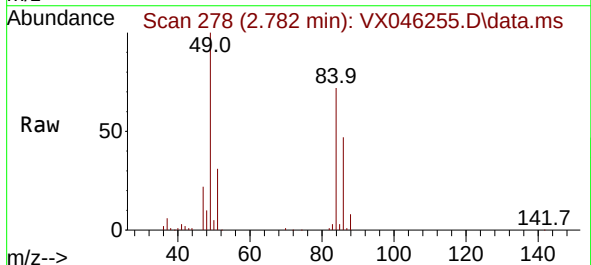
Manual Integrations
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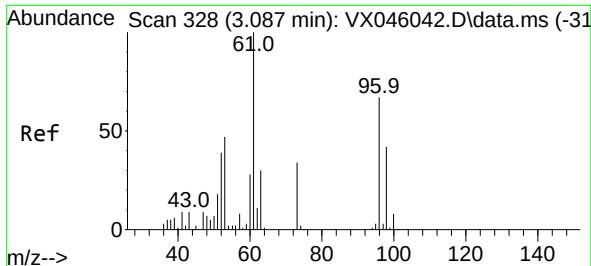
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 46.795 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

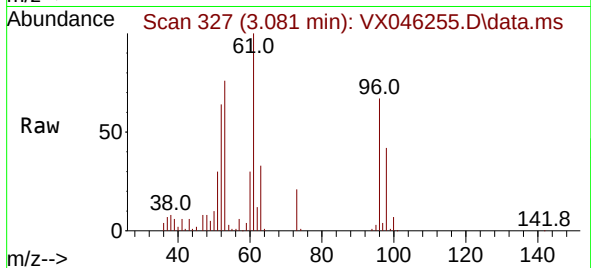
Tgt Ion: 84 Resp: 65150
Ion Ratio Lower Upper
84 100
49 138.3 113.9 170.9
51 42.7 33.5 50.3
86 65.3 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 49.053 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

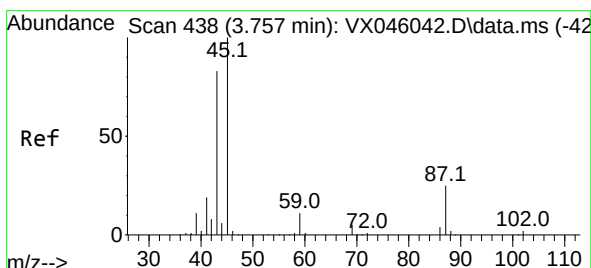
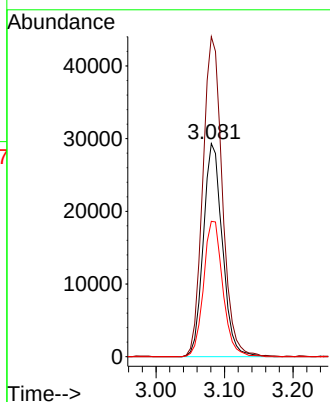
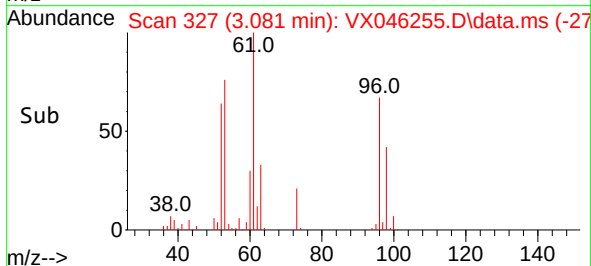
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5685
Ion Ratio Lower Upper
96 100
61 150.2 119.5 179.3
98 63.5 50.0 75.0

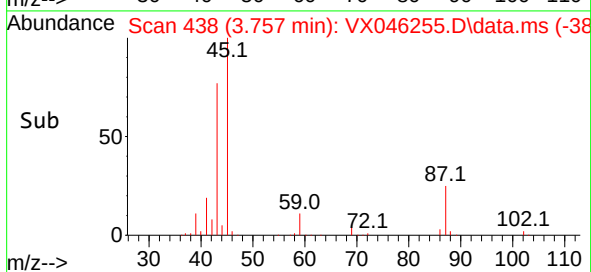
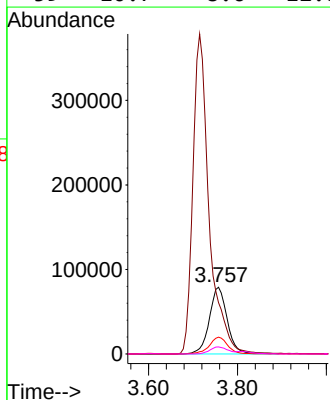
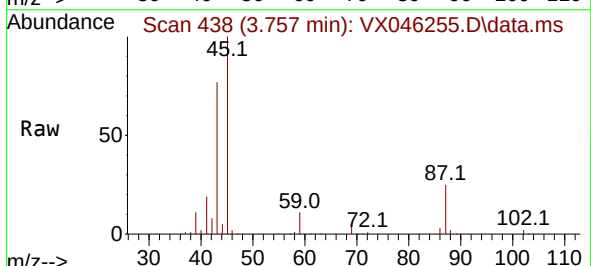
Manual Integrations
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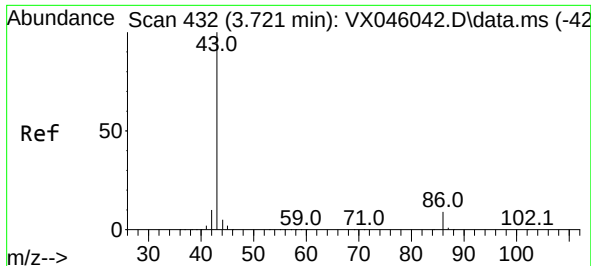
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#22
Diisopropyl ether
Concen: 51.819 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion: 45 Resp: 220467
Ion Ratio Lower Upper
45 100
43 76.9 66.6 100.0
87 25.1 19.8 29.6
59 10.7 8.6 12.8





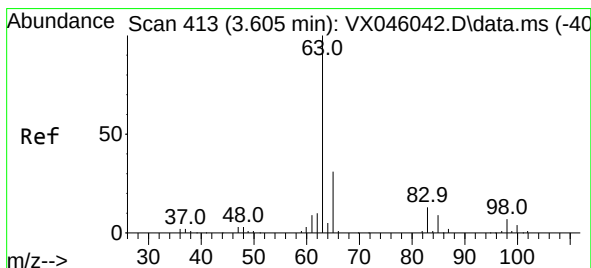
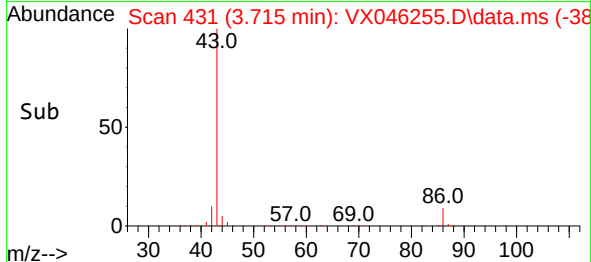
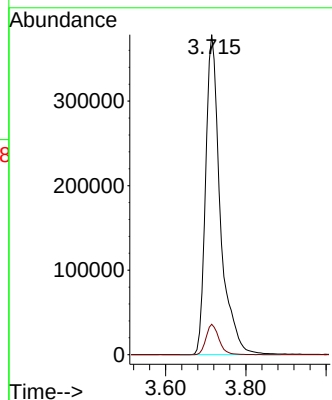
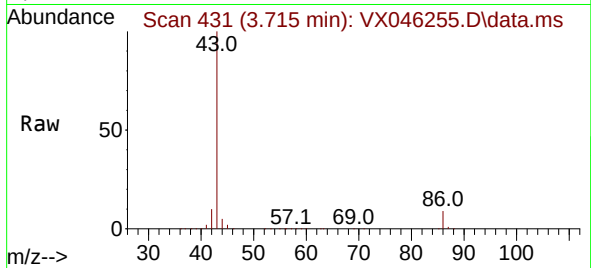
#23
 Vinyl Acetate
 Concen: 256.722 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046255.D
 Acq: 19 May 2025 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 960660
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

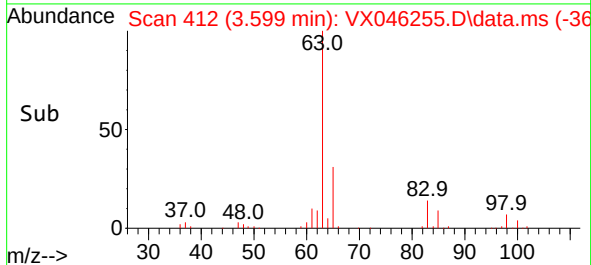
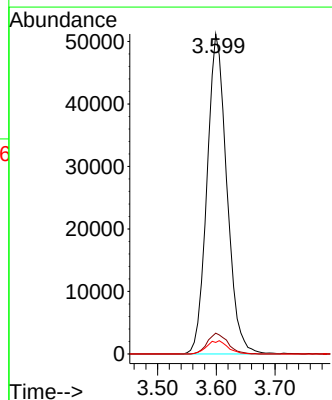
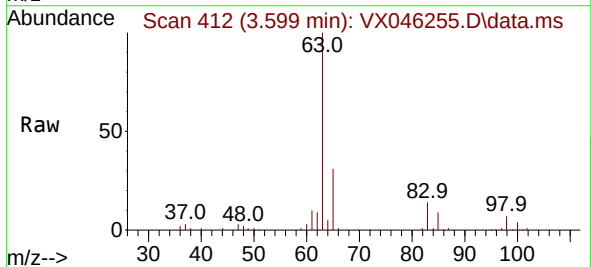
Manual Integrations
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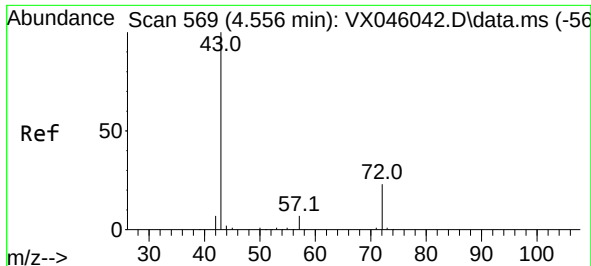
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#24
 1,1-Dichloroethane
 Concen: 50.587 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046255.D
 Acq: 19 May 2025 10:05

Tgt Ion: 63 Resp: 119876
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 3.6 2.1 6.3





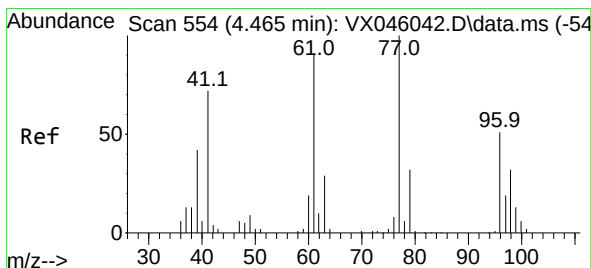
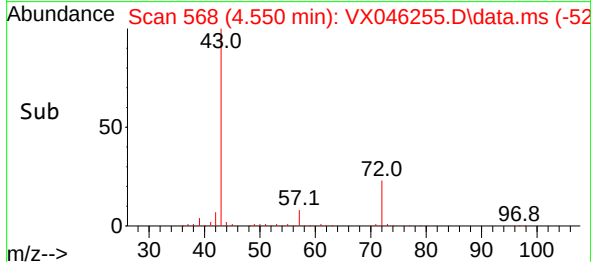
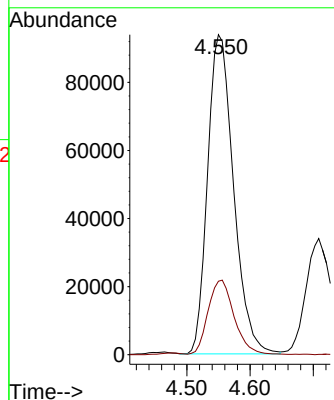
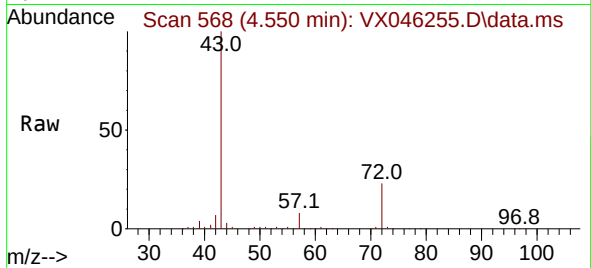
#25
2-Butanone
Concen: 253.279 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 26714
Ion Ratio Lower Upper
43 100
72 22.8 18.4 27.6

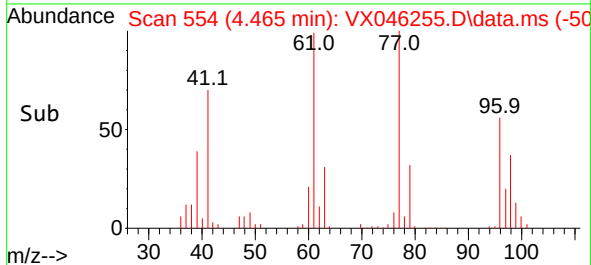
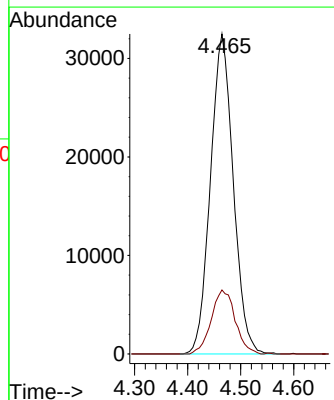
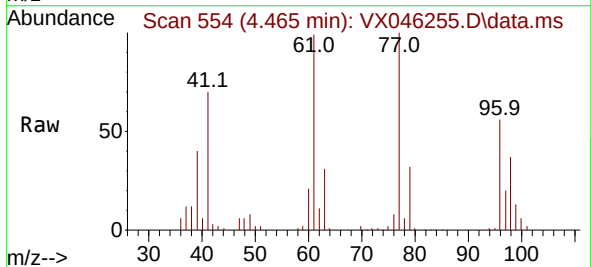
Manual Integrations
APPROVED

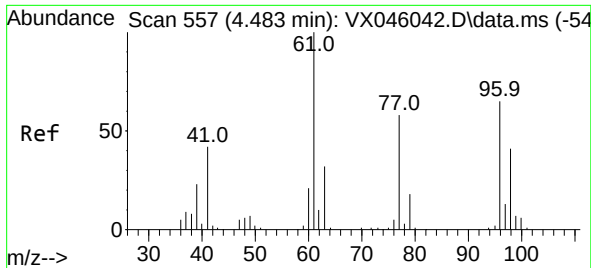
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#26
2,2-Dichloropropane
Concen: 52.317 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion: 77 Resp: 97036
Ion Ratio Lower Upper
77 100
97 21.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 48.707 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 67950

Ion Ratio Lower Upper

96 100

61 165.4 0.0 322.8

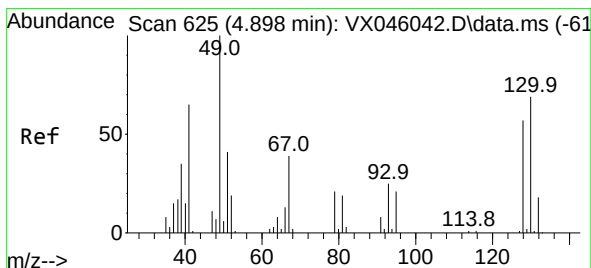
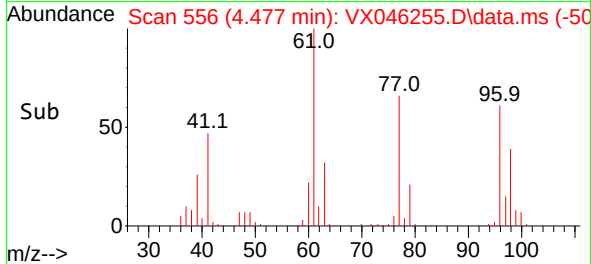
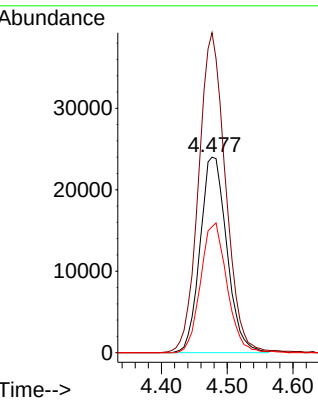
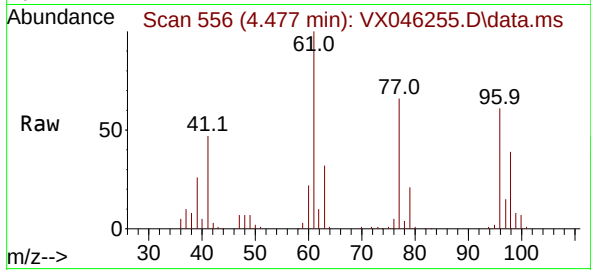
98 65.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#28

Bromochloromethane

Concen: 48.763 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

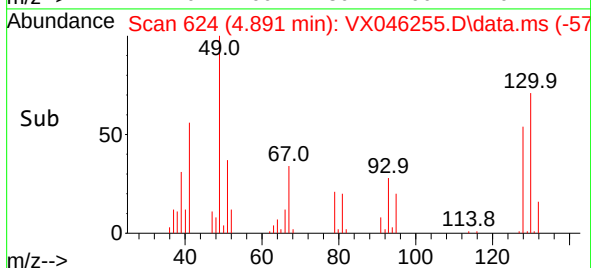
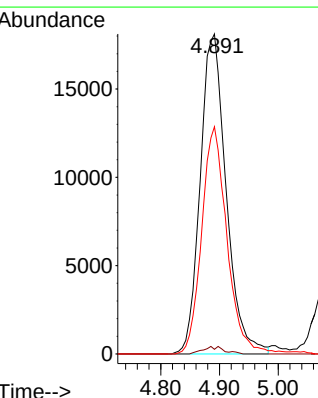
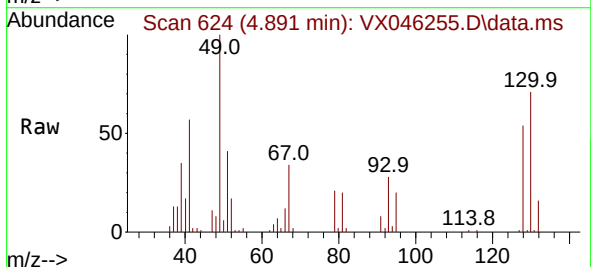
Tgt Ion: 49 Resp: 55621

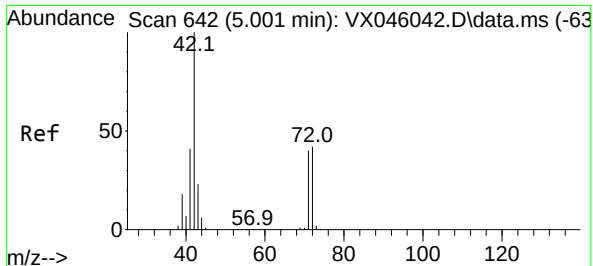
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 69.2 56.2 84.2





#29

Tetrahydrofuran

Concen: 253.062 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 167250

Ion Ratio Lower Upper

42 100

72 41.2 33.7 50.5

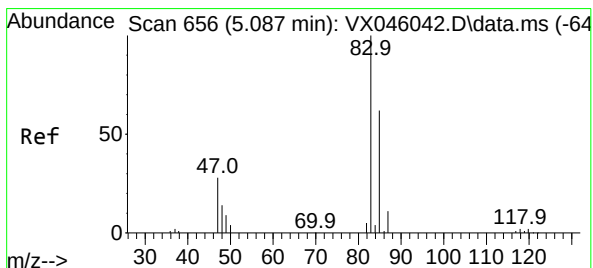
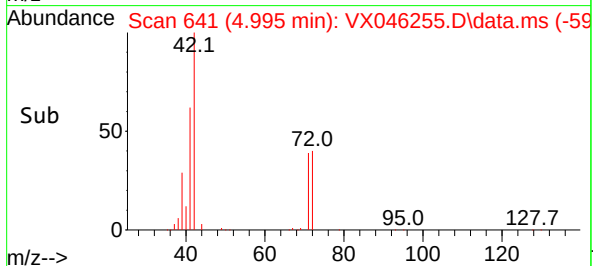
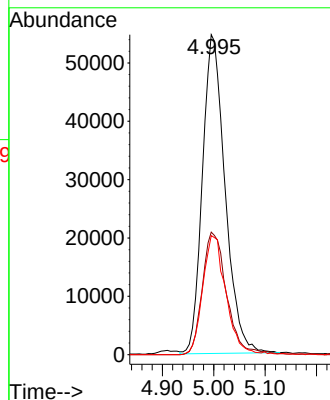
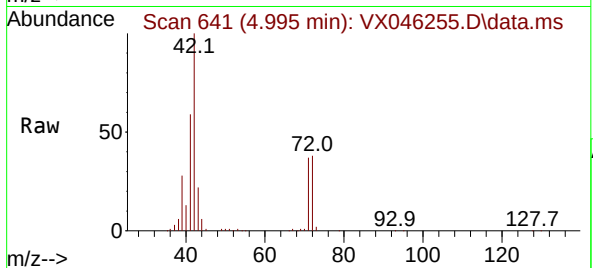
71 38.3 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#30

Chloroform

Concen: 50.954 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX046255.D

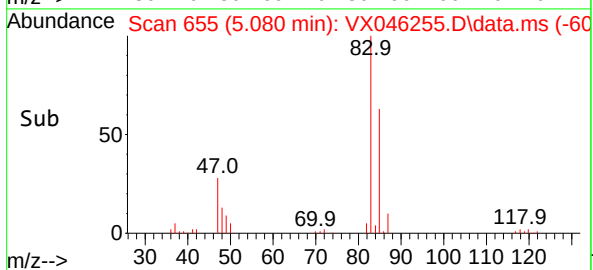
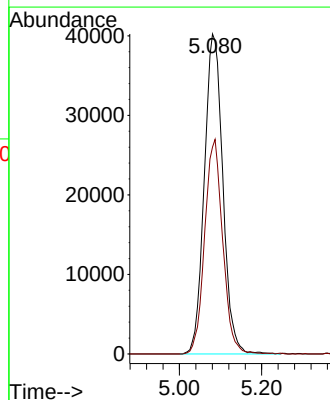
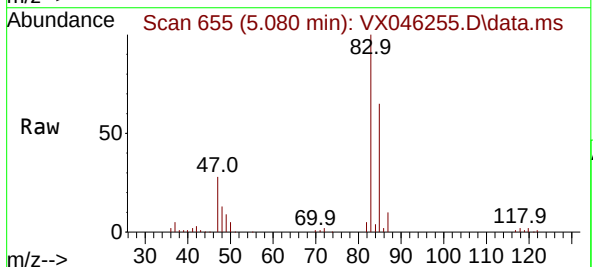
Acq: 19 May 2025 10:05

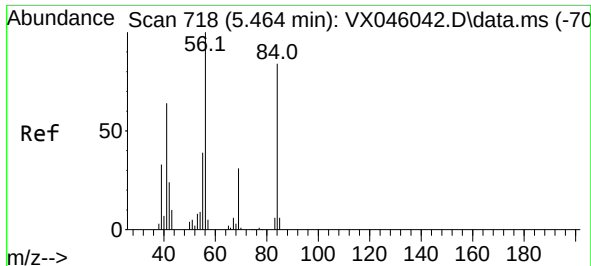
Tgt Ion: 83 Resp: 125854

Ion Ratio Lower Upper

83 100

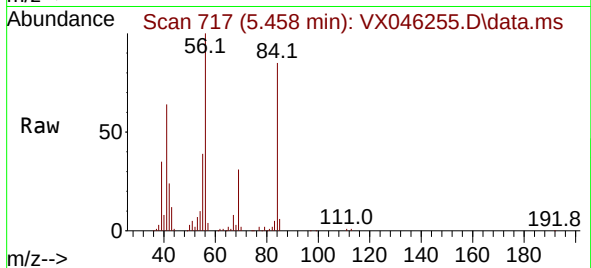
85 64.6 49.3 73.9





#31
Cyclohexane
Concen: 46.952 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

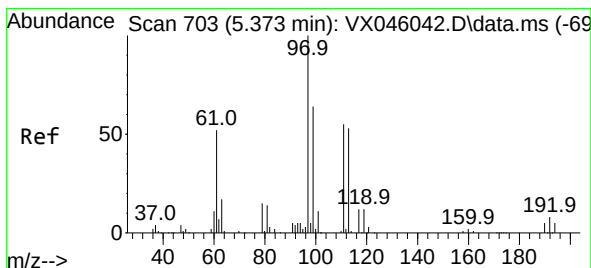
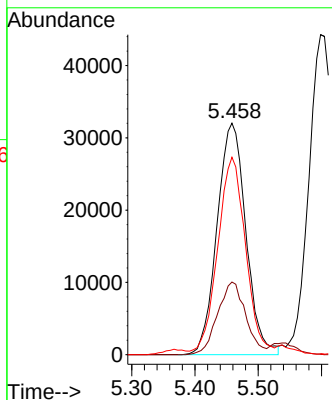
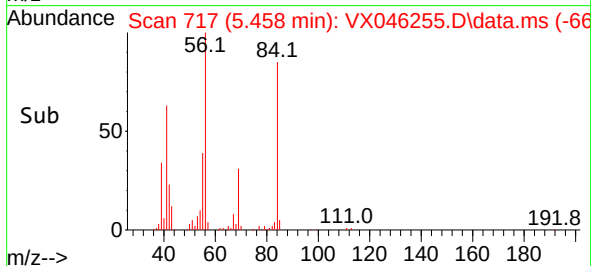
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 101388
Ion Ratio Lower Upper
56 100
69 31.4 24.4 36.6
84 83.4 66.9 100.3

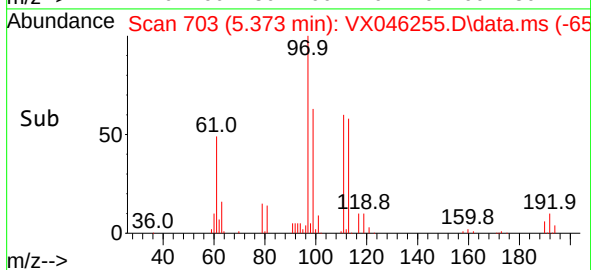
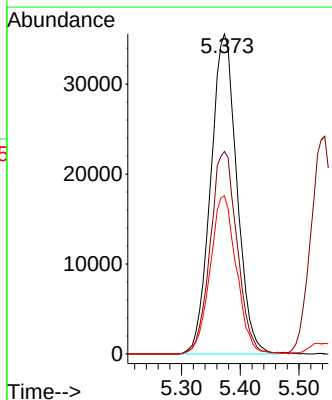
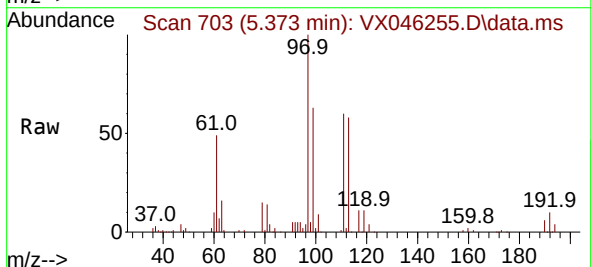
Manual Integrations
APPROVED

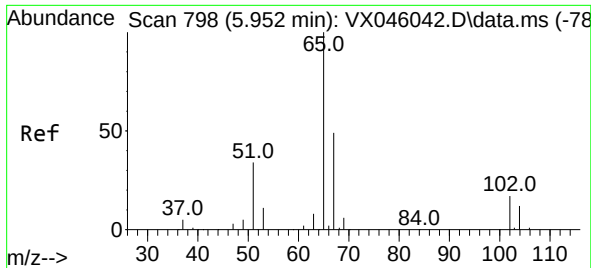
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#32
1,1,1-Trichloroethane
Concen: 51.415 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion: 97 Resp: 110084
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 49.7 40.1 60.1





#33
 1,2-Dichloroethane-d4
 Concen: 48.428 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX046255.D
 Acq: 19 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

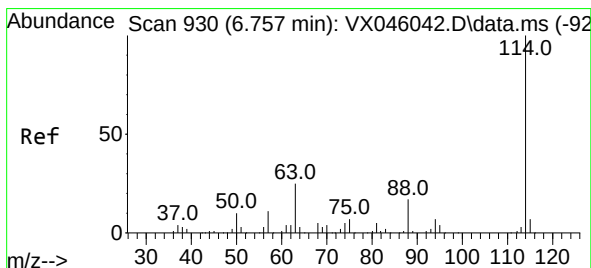
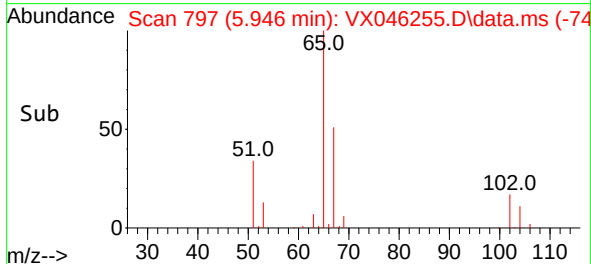
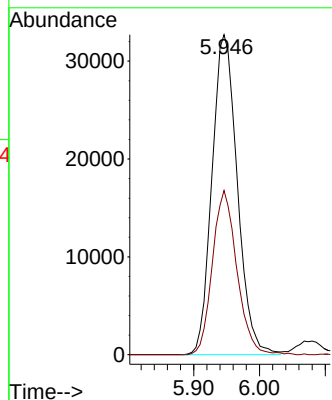
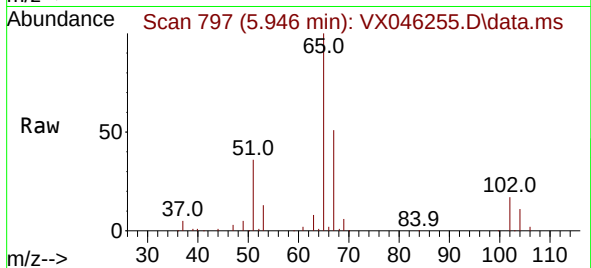
VSTDCCC050

Tgt Ion: 65 Resp: 87750
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.0

Manual Integrations

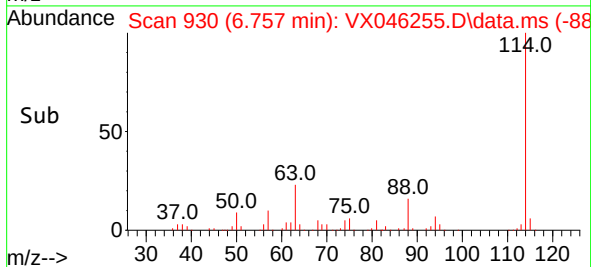
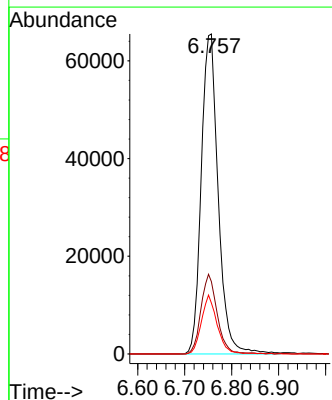
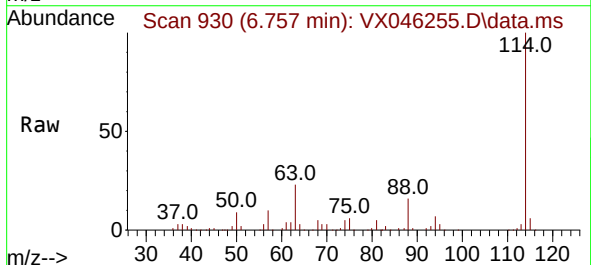
APPROVED

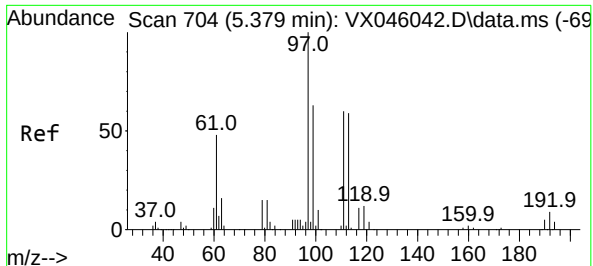
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046255.D
 Acq: 19 May 2025 10:05

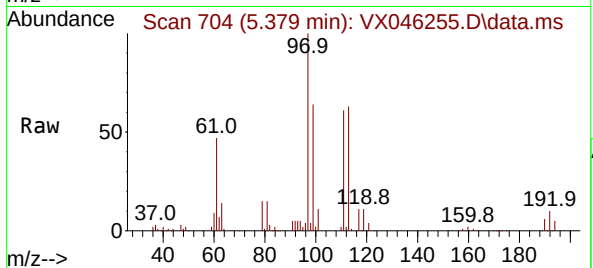
Tgt Ion:114 Resp: 163845
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 49.2
 88 15.9 0.0 33.6





#35
Dibromofluoromethane
Concen: 53.185 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

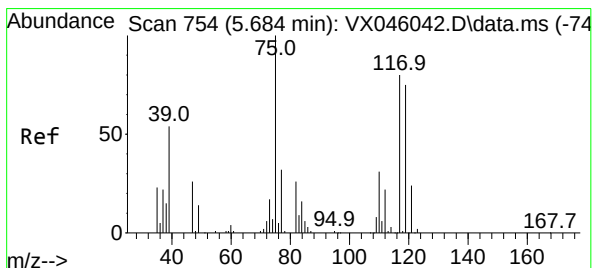
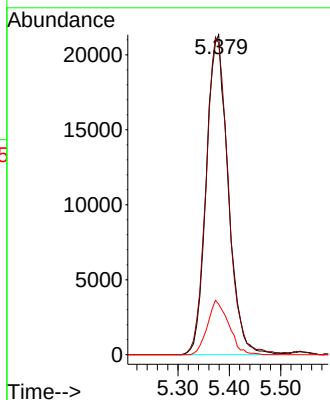
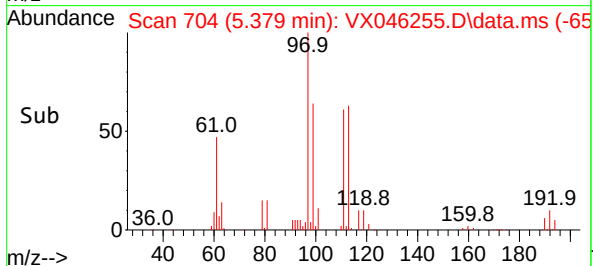
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 6275
Ion Ratio Lower Upper
113 100
111 101.4 83.1 124.7
192 16.6 13.3 19.9

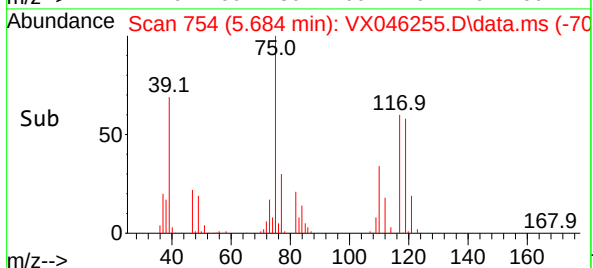
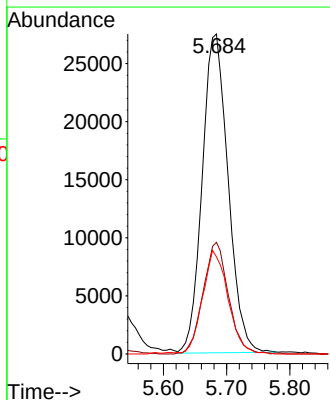
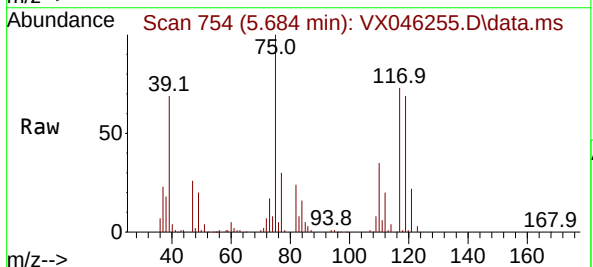
Manual Integrations
APPROVED

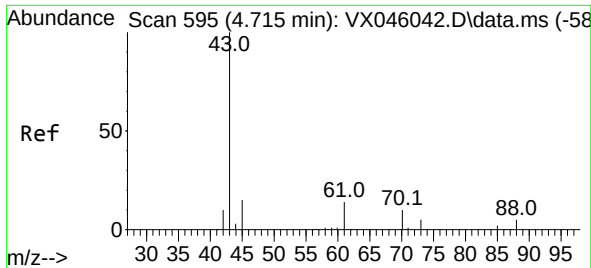
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#36
1,1-Dichloropropene
Concen: 49.311 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

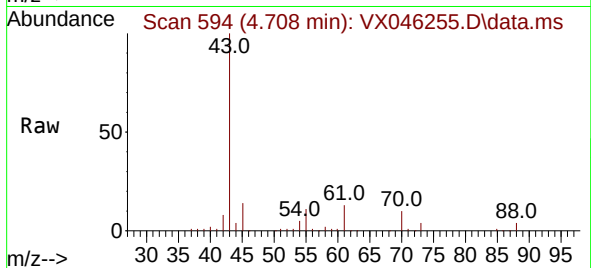
Tgt Ion: 75 Resp: 78170
Ion Ratio Lower Upper
75 100
110 34.3 16.3 48.9
77 32.0 24.3 36.5





#37
Ethyl Acetate
Concen: 50.949 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

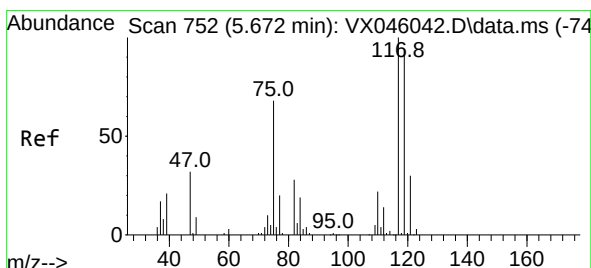
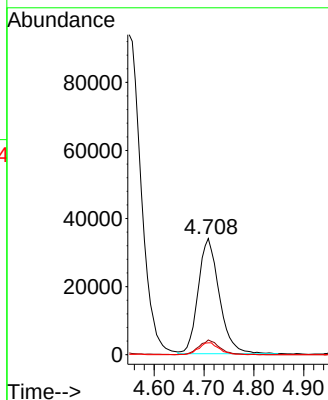
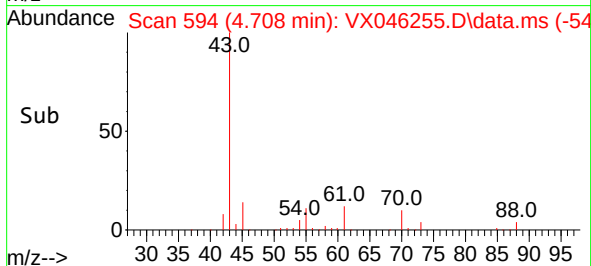
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 9978
Ion Ratio Lower Upper
43 100
61 12.4 10.3 15.5
70 10.0 7.9 11.9

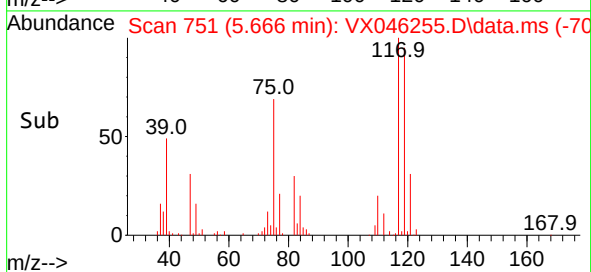
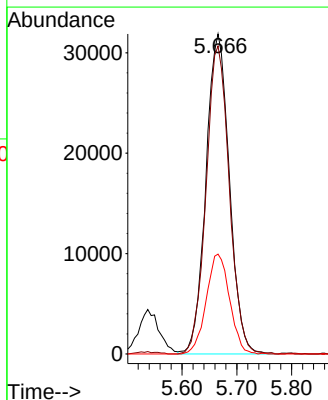
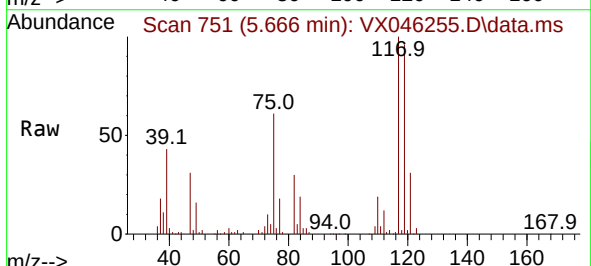
Manual Integrations
APPROVED

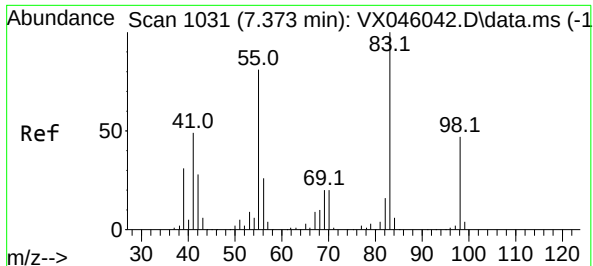
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#38
Carbon Tetrachloride
Concen: 53.099 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion:117 Resp: 94579
Ion Ratio Lower Upper
117 100
119 96.3 75.2 112.8
121 31.2 24.2 36.4





#39

Methylcyclohexane

Concen: 48.322 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 98620

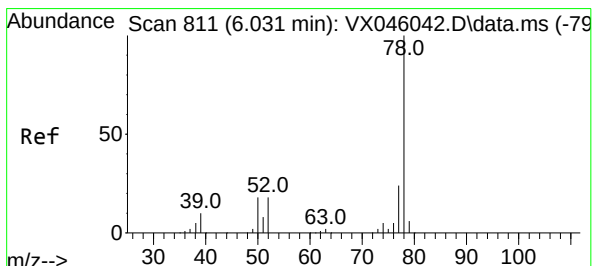
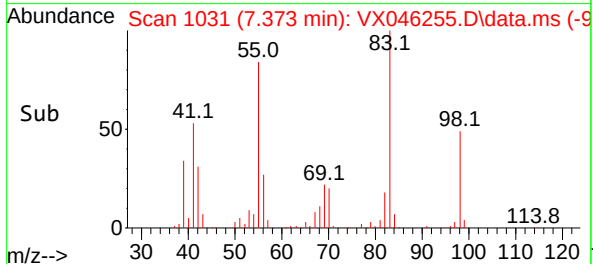
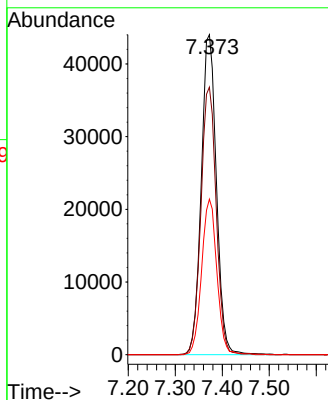
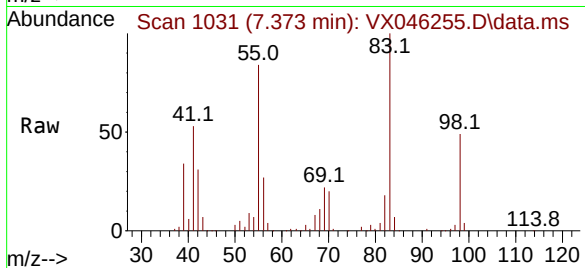
Ion	Ratio	Lower	Upper
83	100		
55	83.6	64.7	97.1
98	48.6	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#40

Benzene

Concen: 51.321 ug/l

RT: 6.025 min Scan# 810

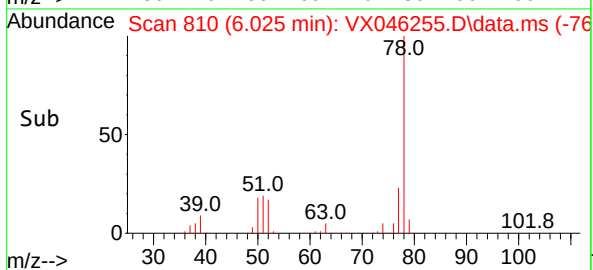
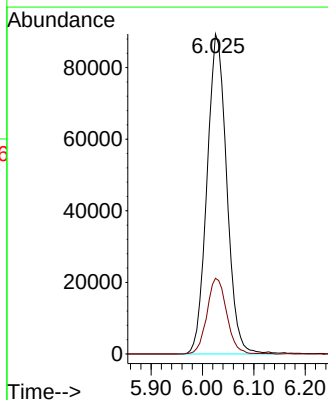
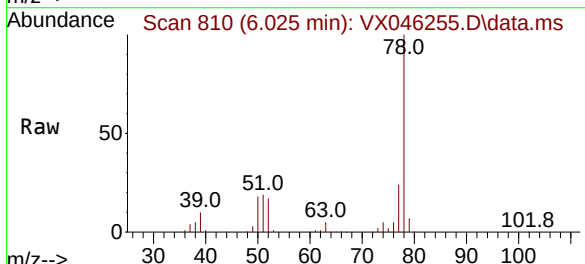
Delta R.T. -0.006 min

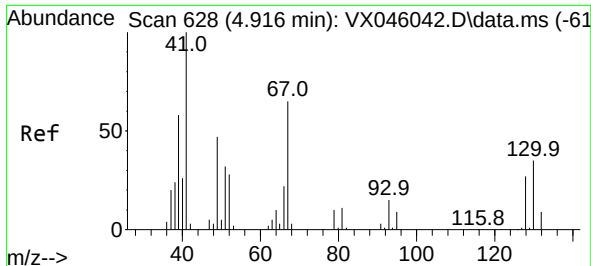
Lab File: VX046255.D

Acq: 19 May 2025 10:05

Tgt Ion: 78 Resp: 238301

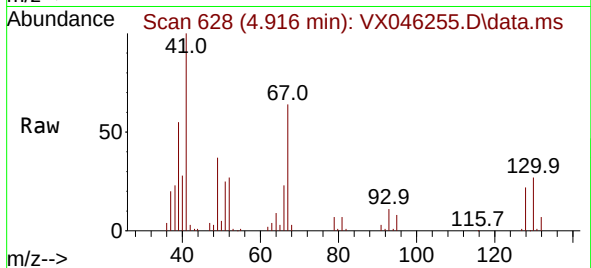
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





#41
Methacrylonitrile
Concen: 55.825 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

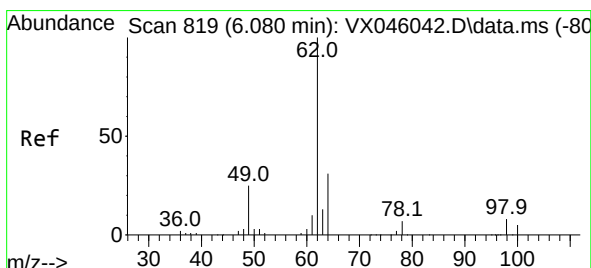
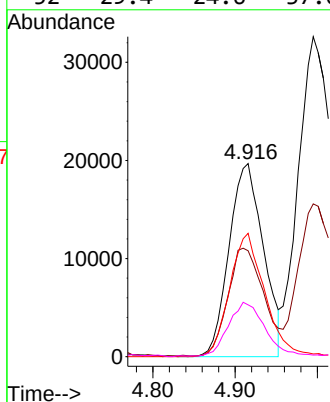
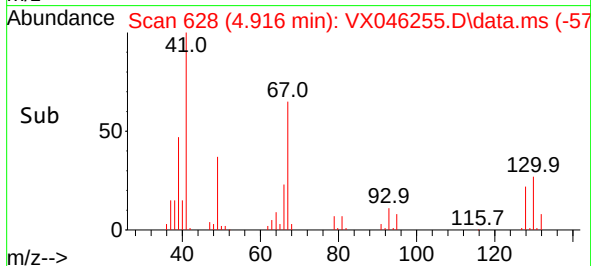
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



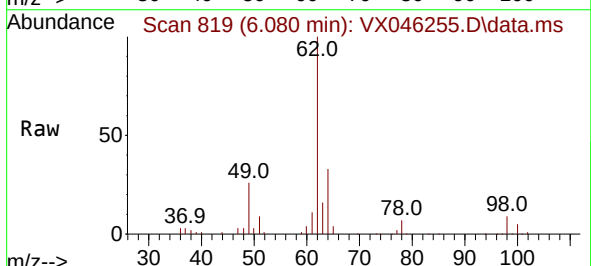
Tgt Ion: 41 Resp: 57190
Ion Ratio Lower Upper
41 100
39 59.3 47.2 70.8
67 66.0 50.7 76.1
52 29.4 24.6 37.0

Manual Integrations
APPROVED

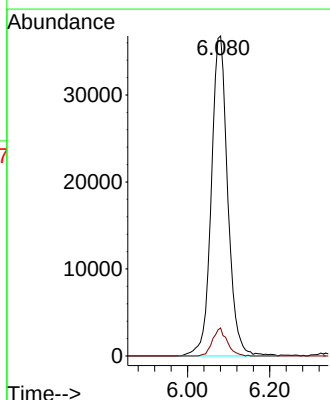
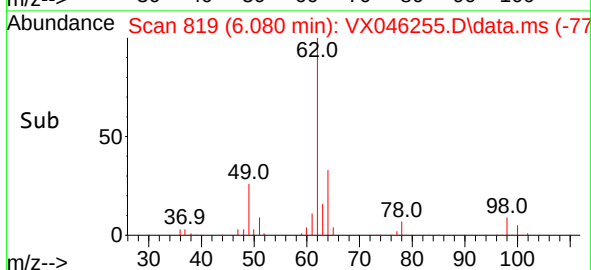
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

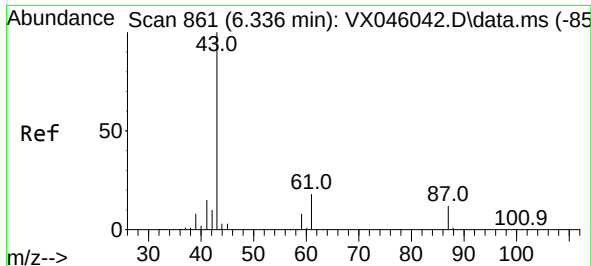


#42
1,2-Dichloroethane
Concen: 51.038 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05



Tgt Ion: 62 Resp: 102281
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43

Isopropyl Acetate

Concen: 53.135 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 158764

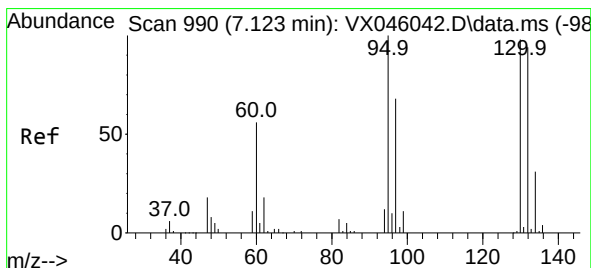
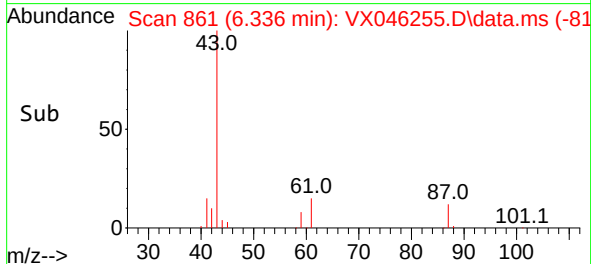
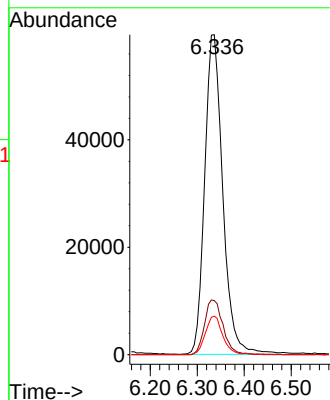
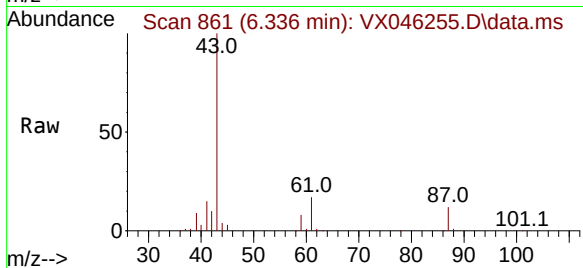
Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.3	21.5
87	11.5	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#44

Trichloroethene

Concen: 51.110 ug/l

RT: 7.117 min Scan# 989

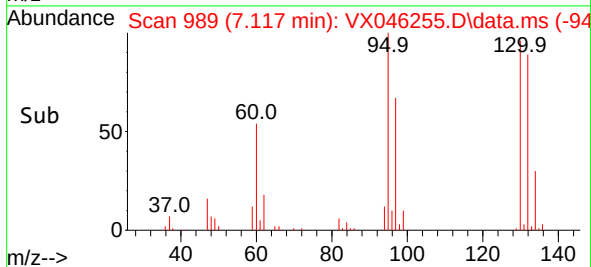
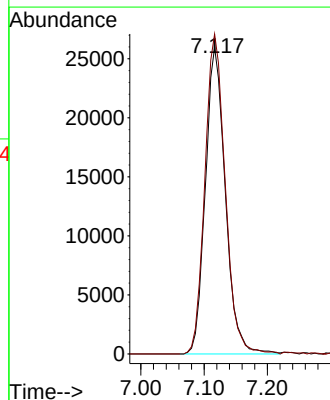
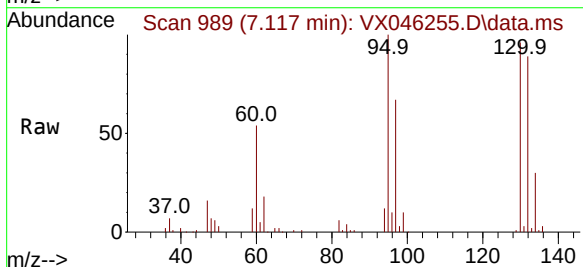
Delta R.T. -0.006 min

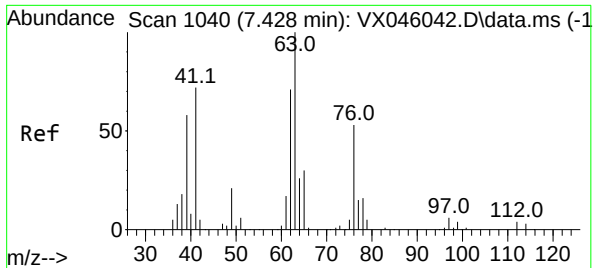
Lab File: VX046255.D

Acq: 19 May 2025 10:05

Tgt Ion:130 Resp: 57119

Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	204.2





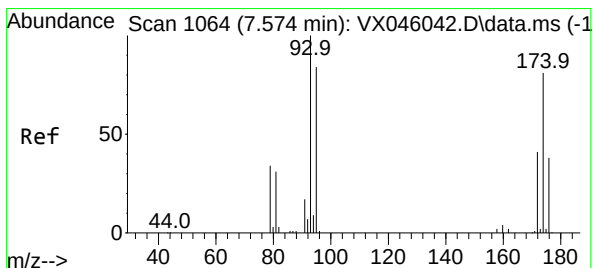
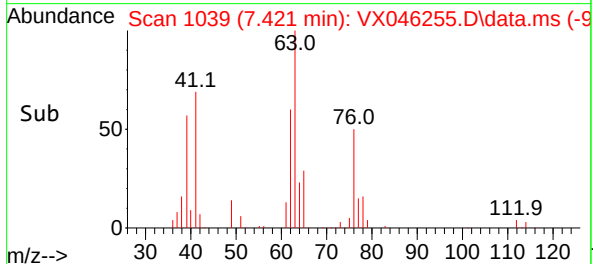
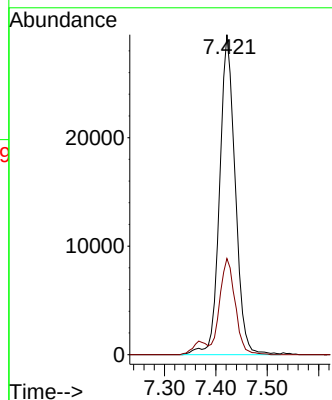
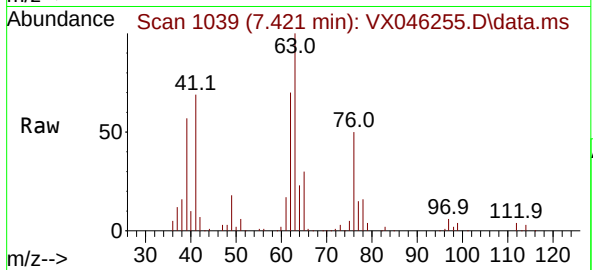
#45
1,2-Dichloropropane
Concen: 53.899 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 6223
Ion Ratio Lower Upper
63 100
65 30.0 24.1 36.1

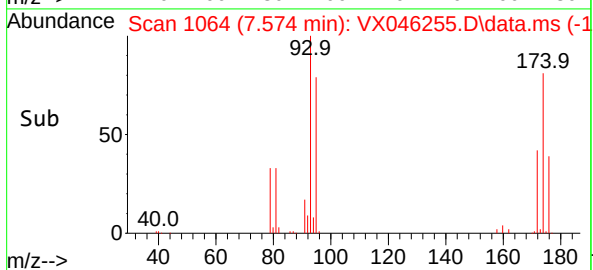
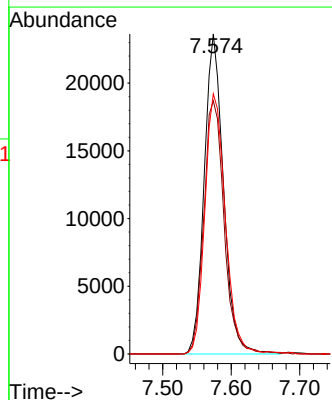
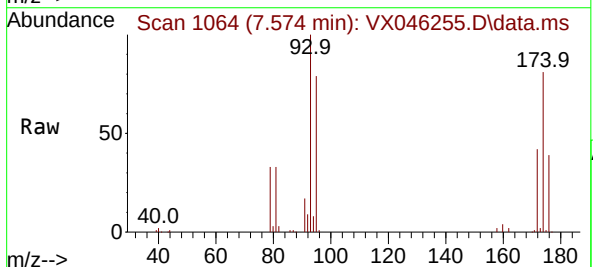
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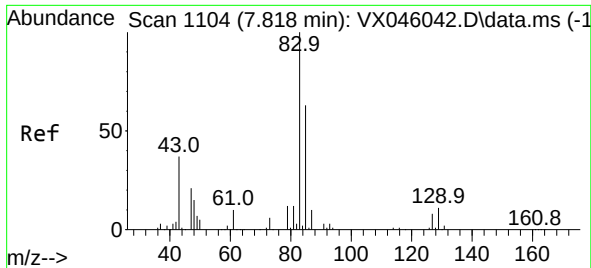
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#46
Dibromomethane
Concen: 50.726 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion: 93 Resp: 46193
Ion Ratio Lower Upper
93 100
95 83.9 65.6 98.4
174 86.1 68.2 102.2





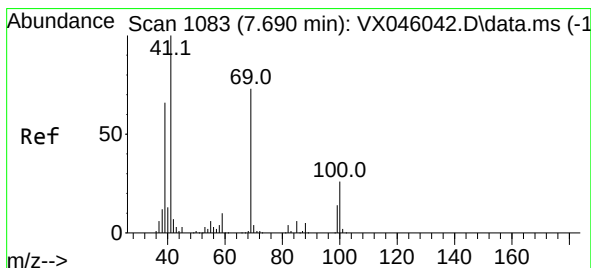
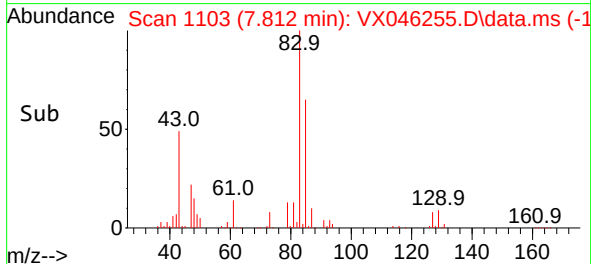
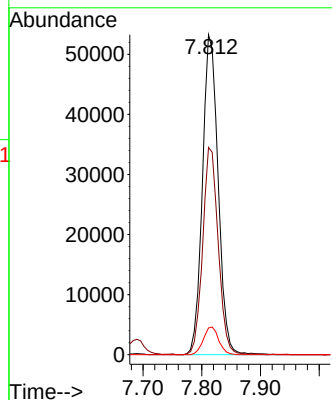
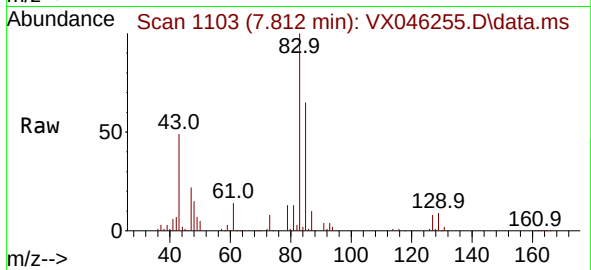
#47
Bromodichloromethane
Concen: 55.166 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 98944
Ion Ratio Lower Upper
83 100
85 64.8 50.5 75.7
127 8.4 6.5 9.7

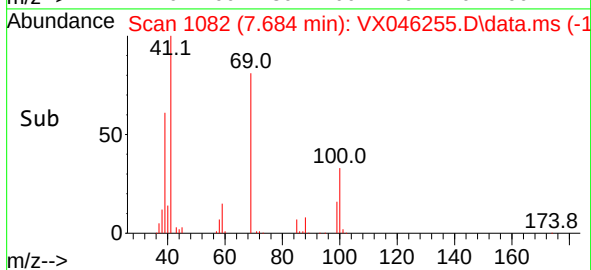
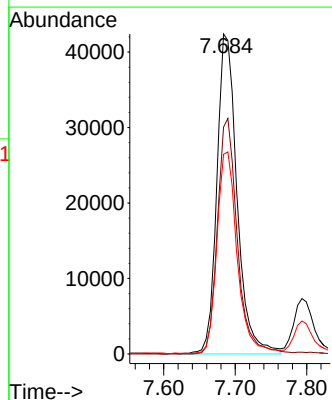
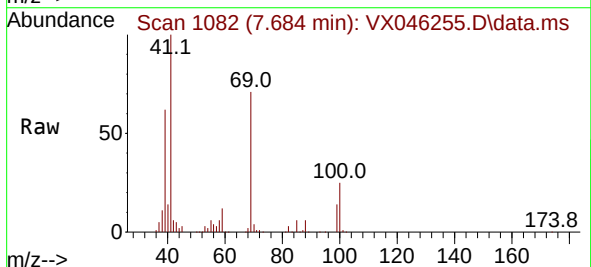
Manual Integrations
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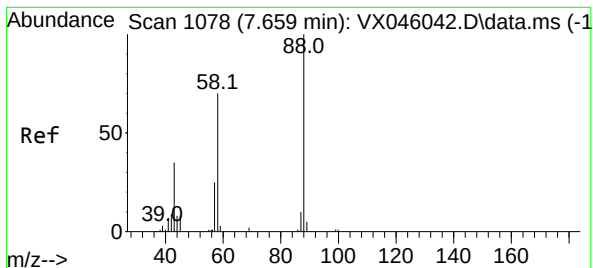
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#48
Methyl methacrylate
Concen: 54.480 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion: 41 Resp: 83134
Ion Ratio Lower Upper
41 100
69 72.3 58.5 87.7
39 63.1 51.7 77.5





#49

1,4-Dioxane

Concen: 997.932 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

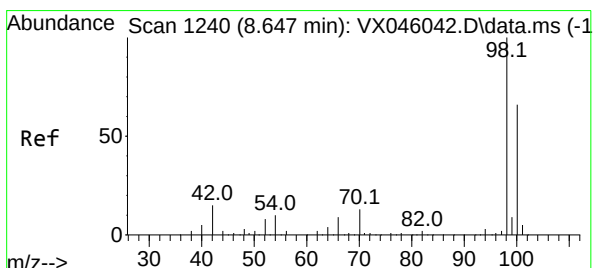
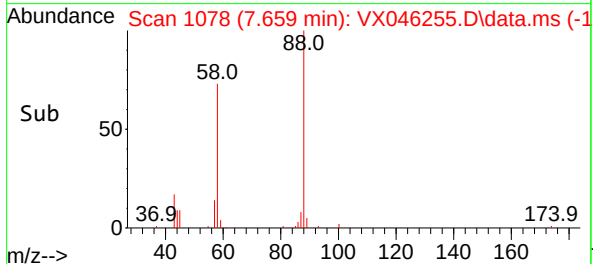
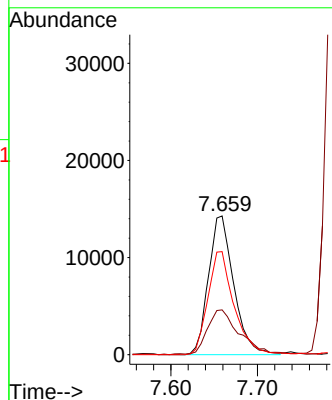
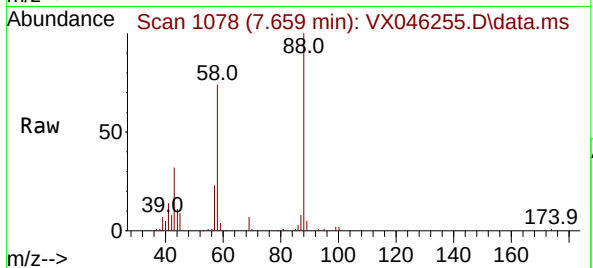
Tgt Ion:	88	Resp:	28914
Ion	Ratio	Lower	Upper
88	100		
43	41.6	33.4	50.2
58	77.1	58.6	88.0

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#50

Toluene-d8

Concen: 50.315 ug/l

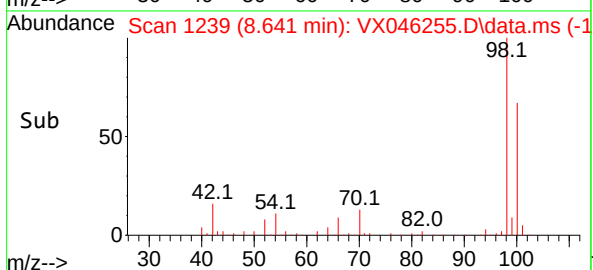
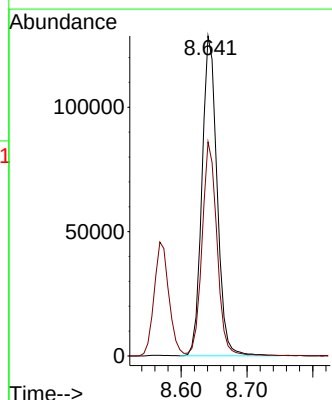
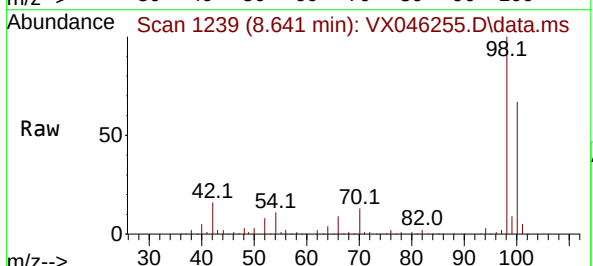
RT: 8.641 min Scan# 1239

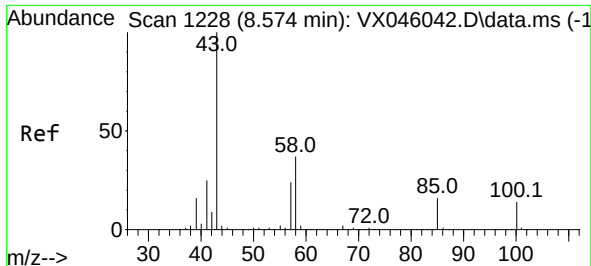
Delta R.T. -0.006 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

Tgt Ion:	98	Resp:	205467
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.5	80.3





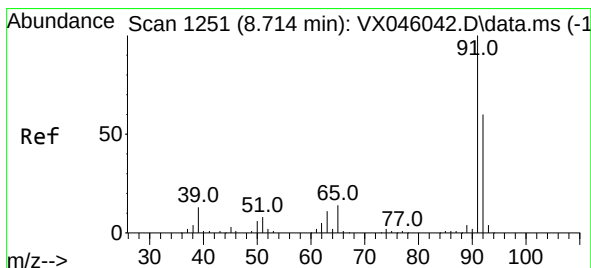
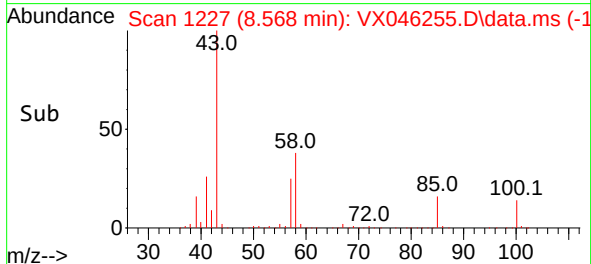
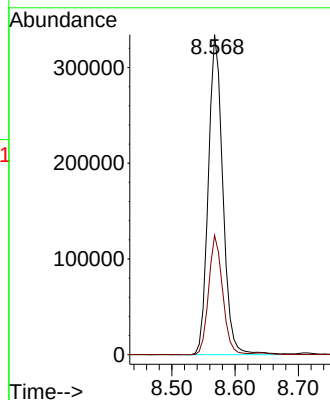
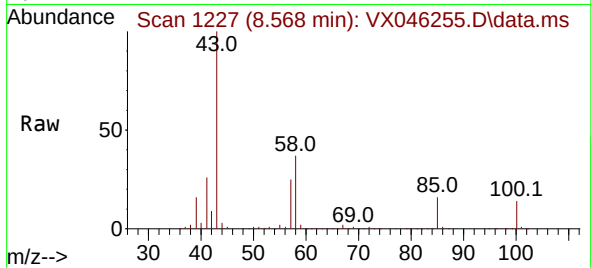
#51
4-Methyl-2-Pentanone
Concen: 268.553 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 532634
Ion Ratio Lower Upper
43 100
58 36.1 28.9 43.3

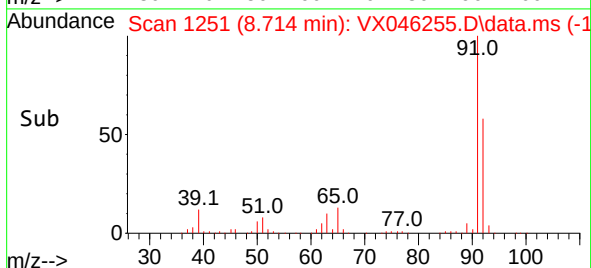
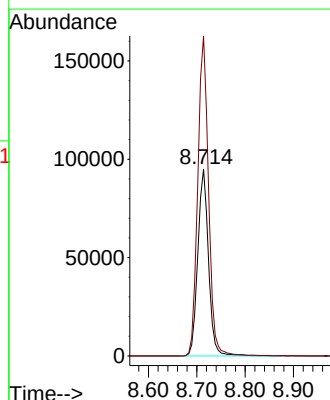
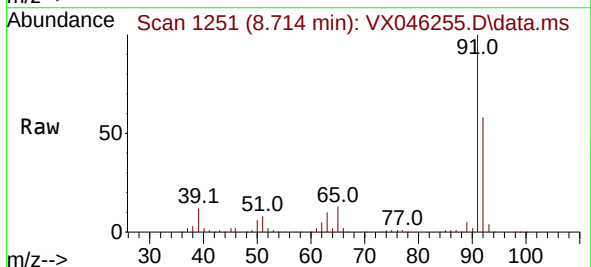
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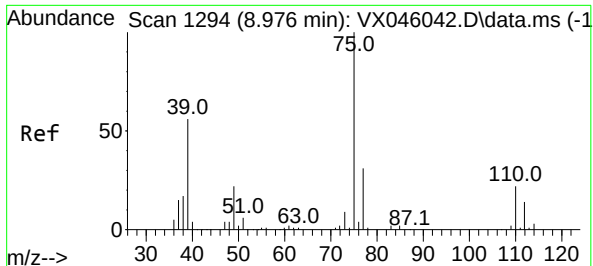
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#52
Toluene
Concen: 51.066 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion: 92 Resp: 145397
Ion Ratio Lower Upper
92 100
91 173.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 55.186 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 87979

Ion Ratio Lower Upper

75 100

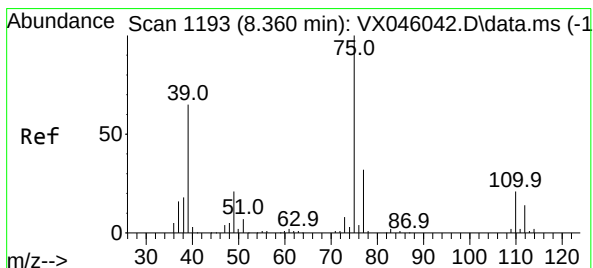
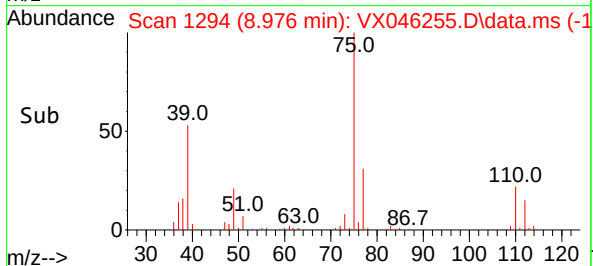
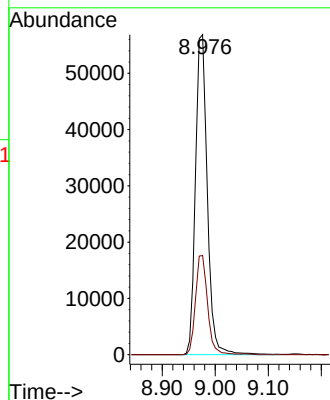
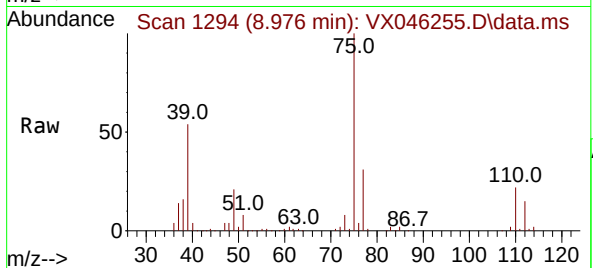
77 31.0 25.0 37.6

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#54

cis-1,3-Dichloropropene

Concen: 54.783 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

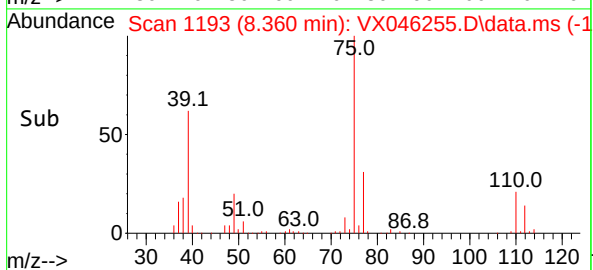
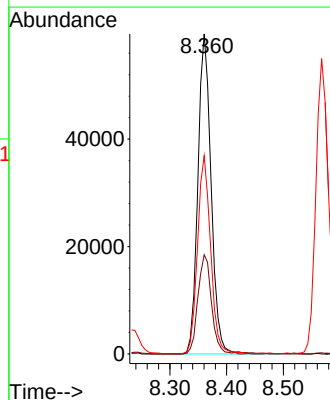
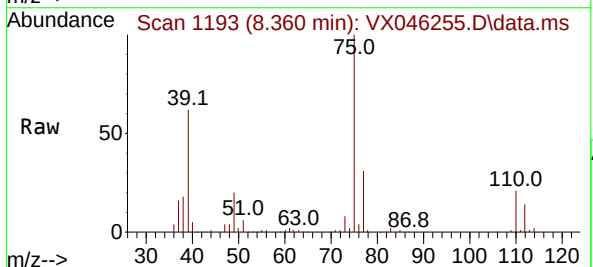
Tgt Ion: 75 Resp: 96528

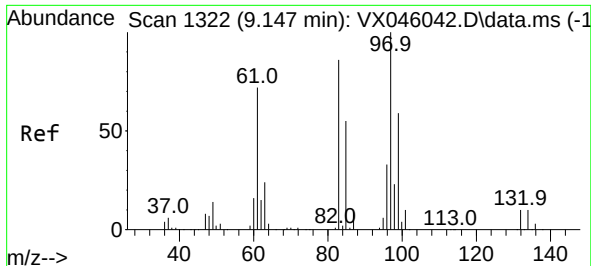
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

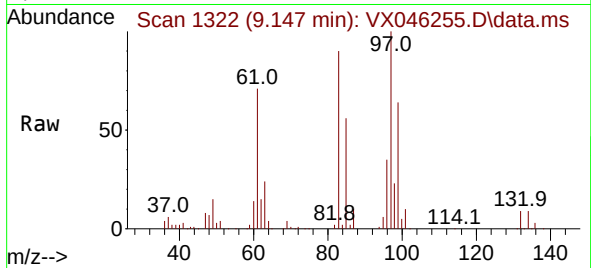
39 61.9 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 52.963 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

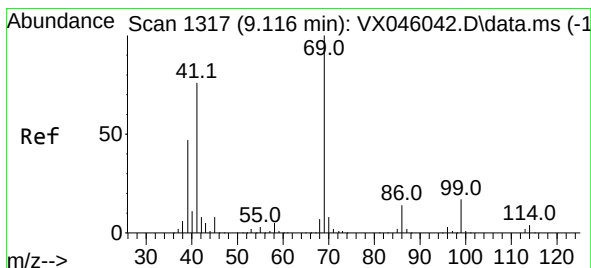
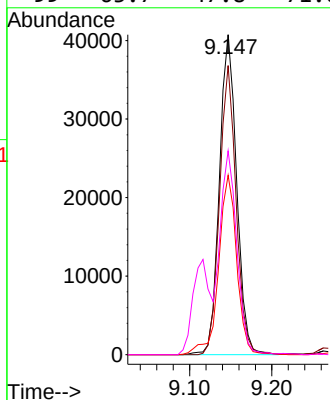
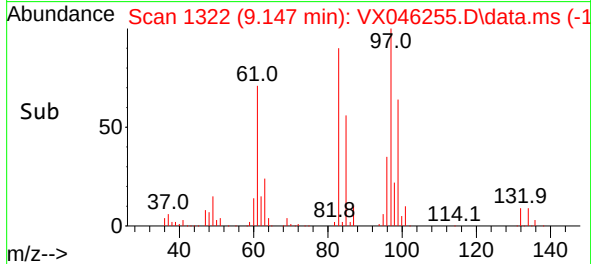
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.4	69.0	103.6
85	56.0	44.3	66.5
99	63.7	47.8	71.6

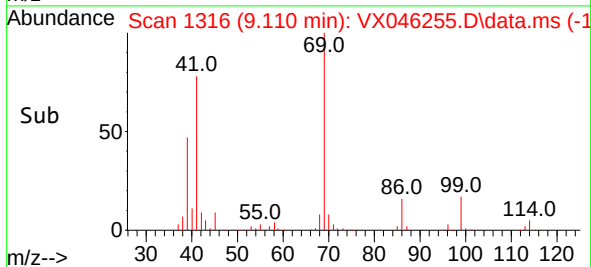
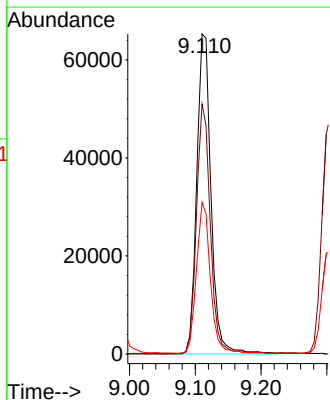
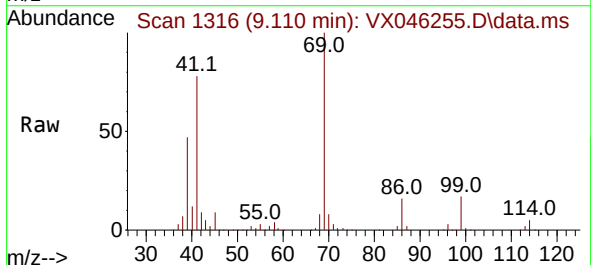
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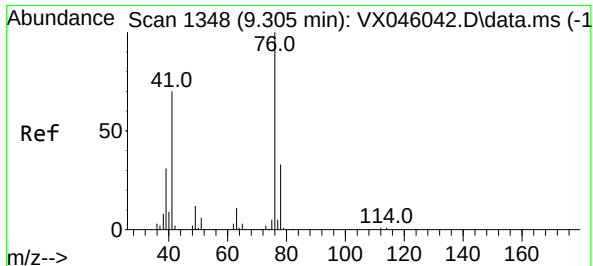
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#56
Ethyl methacrylate
Concen: 54.853 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.0	60.8	91.2
39	46.1	39.0	58.6





#57

1,3-Dichloropropane

Concen: 50.945 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10271

Ion Ratio Lower Upper

76 100

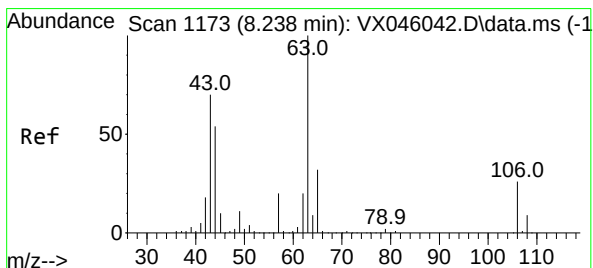
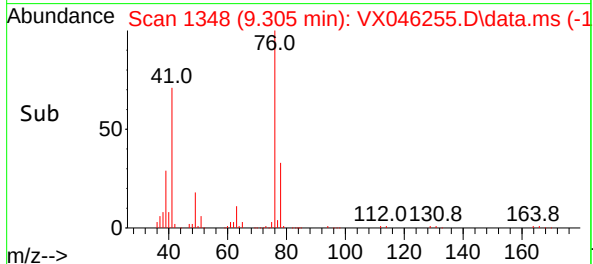
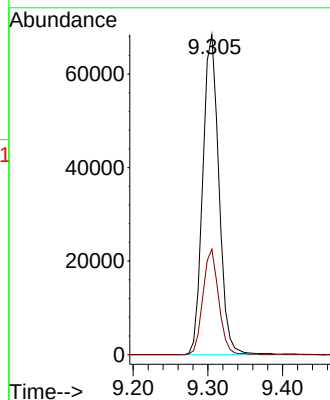
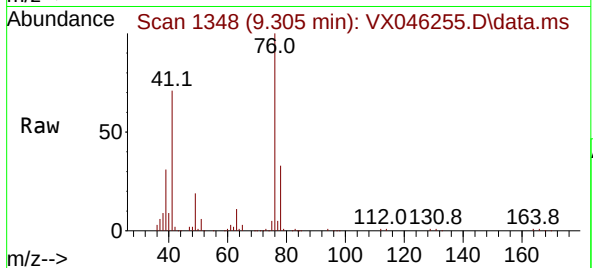
78 32.2 26.3 39.5

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 270.687 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046255.D

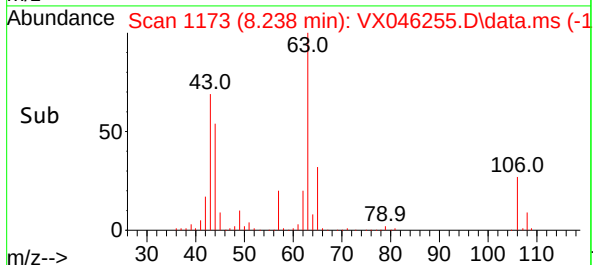
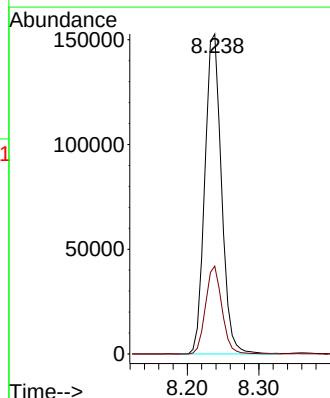
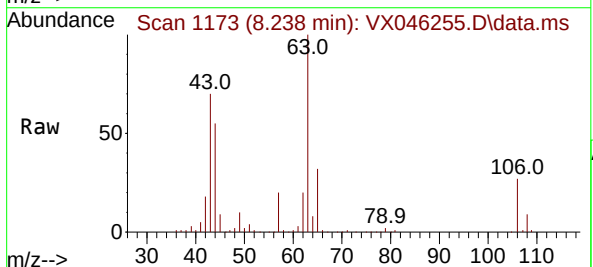
Acq: 19 May 2025 10:05

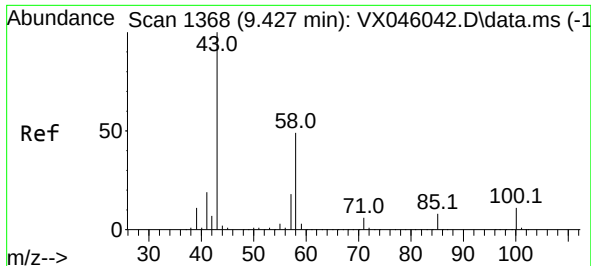
Tgt Ion: 63 Resp: 246924

Ion Ratio Lower Upper

63 100

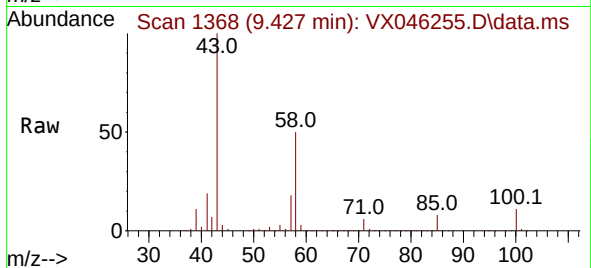
106 27.0 21.5 32.3





#59
2-Hexanone
Concen: 267.754 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

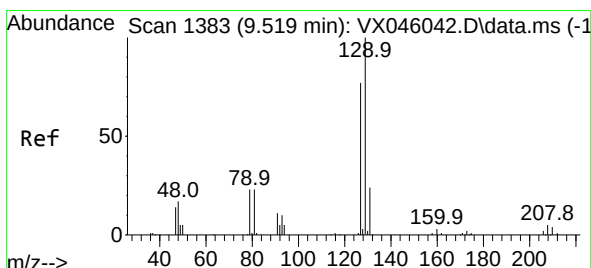
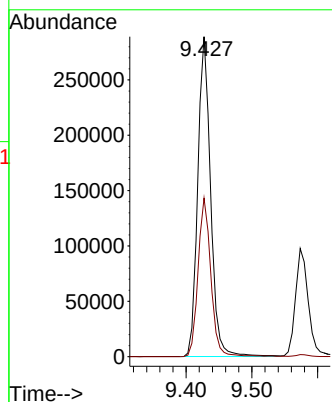
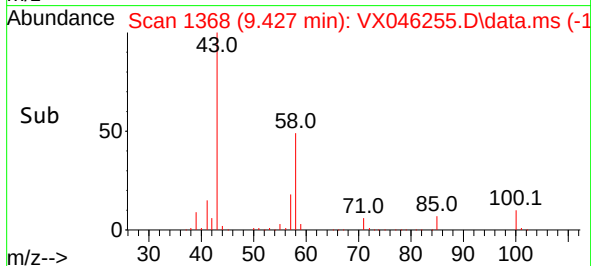
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 392889
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

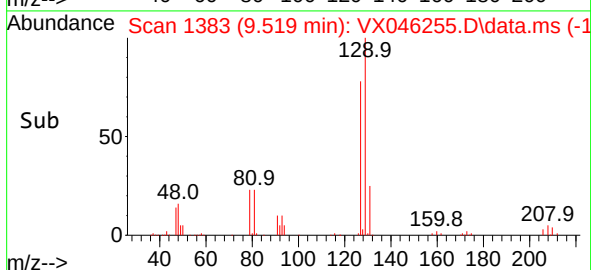
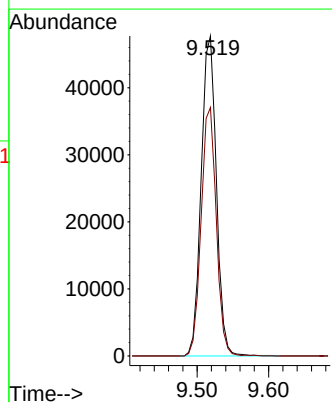
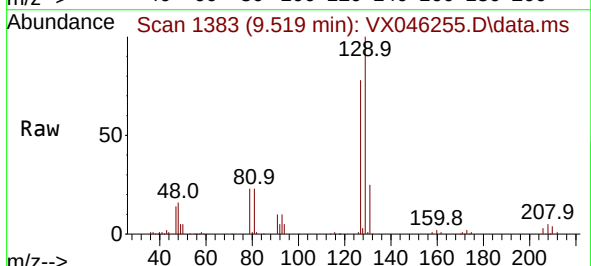
Manual Integrations
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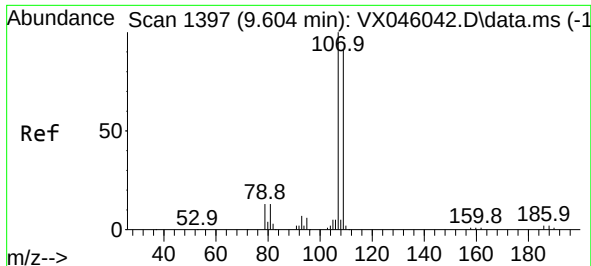
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#60
Dibromochloromethane
Concen: 57.019 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

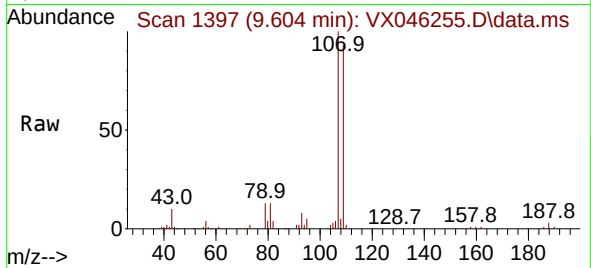
Tgt Ion:129 Resp: 70302
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





#61
1,2-Dibromoethane
Concen: 52.476 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

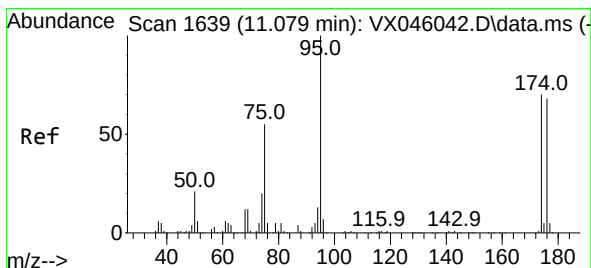
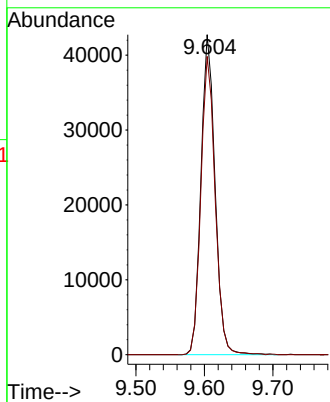
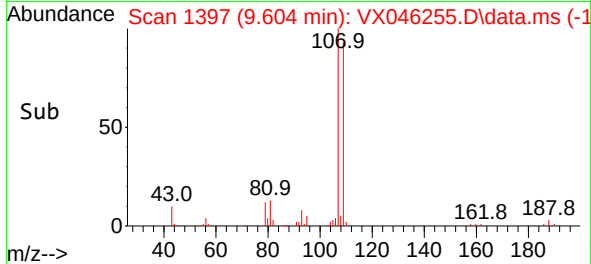
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 61232
Ion Ratio Lower Upper
107 100
109 94.5 73.3 109.9

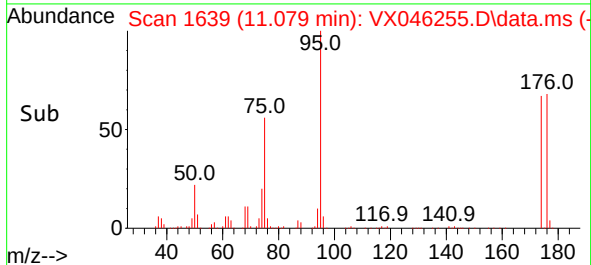
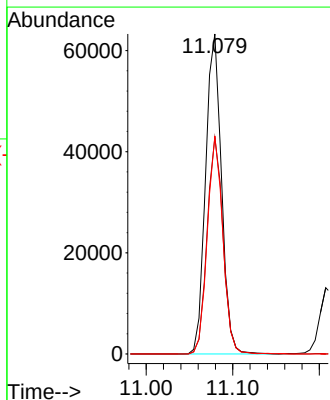
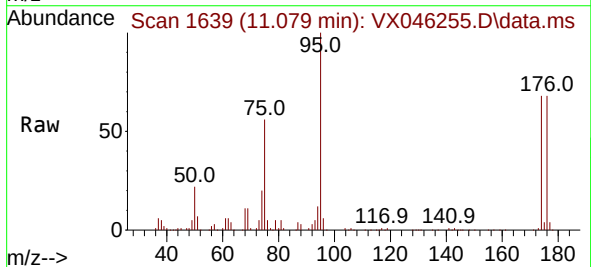
Manual Integrations
APPROVED

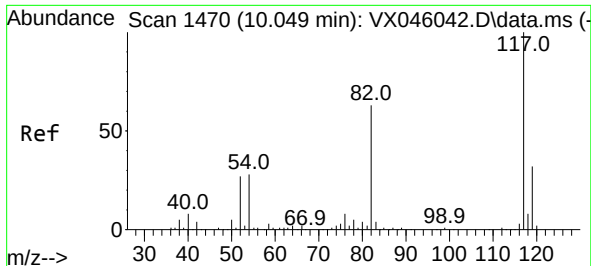
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 51.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

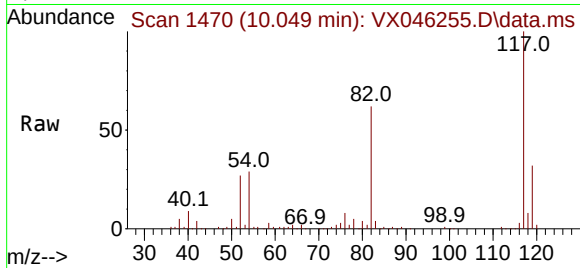
Tgt Ion: 95 Resp: 80710
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 66.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

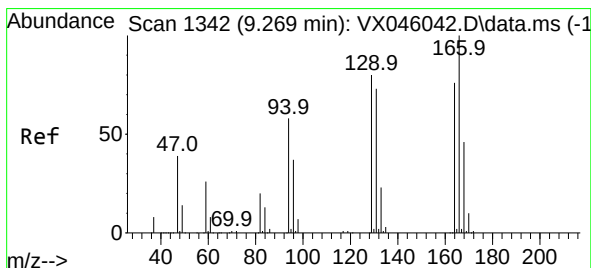
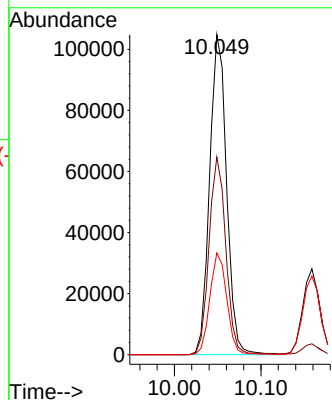
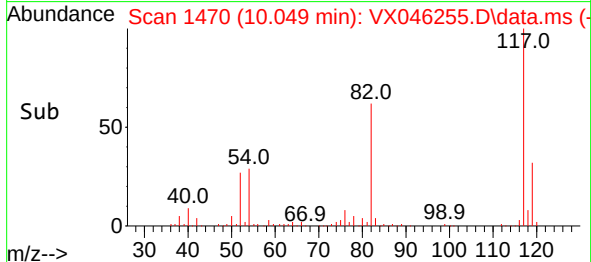
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 142712
Ion Ratio Lower Upper
117 100
82 61.8 50.6 76.0
119 31.8 25.8 38.6

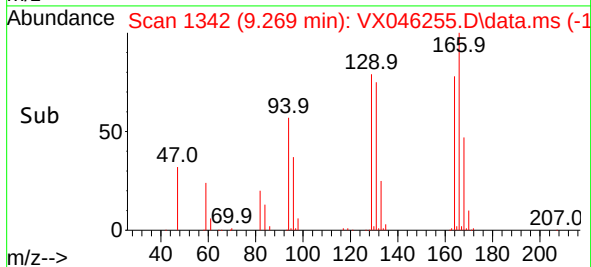
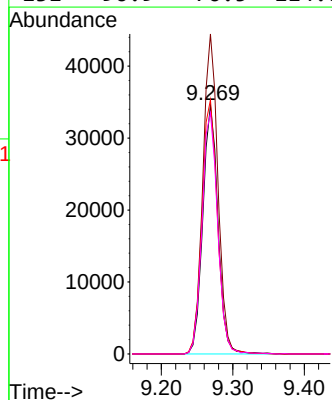
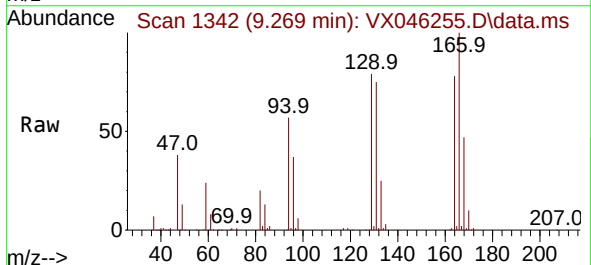
Manual Integrations
APPROVED

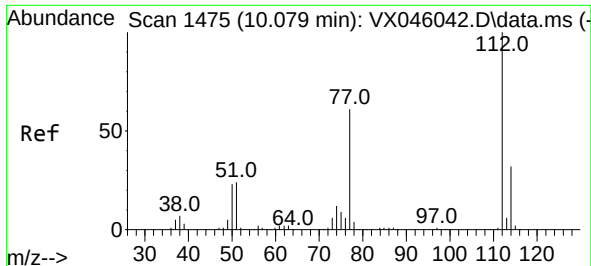
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#64
Tetrachloroethene
Concen: 50.484 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion:164 Resp: 50976
Ion Ratio Lower Upper
164 100
166 128.7 105.0 157.6
129 102.2 83.5 125.3
131 96.9 76.5 114.7





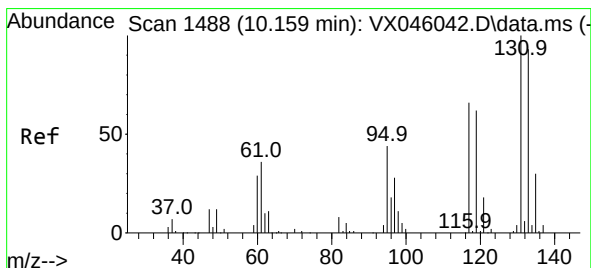
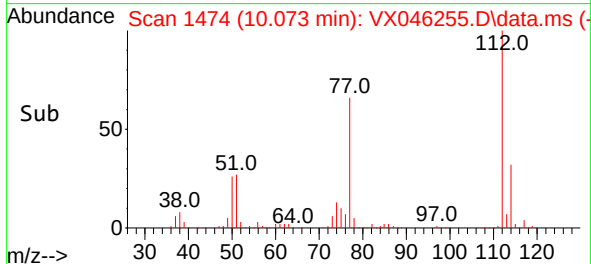
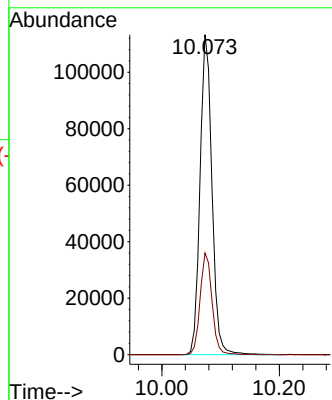
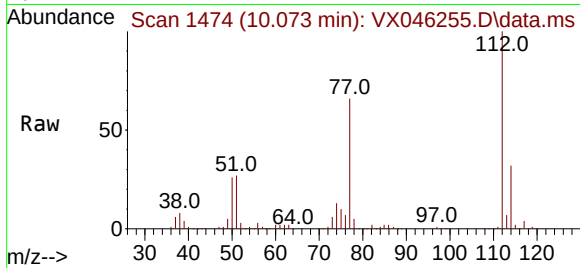
#65
Chlorobenzene
Concen: 50.864 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 158879
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

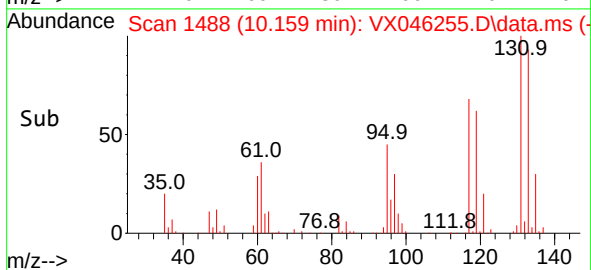
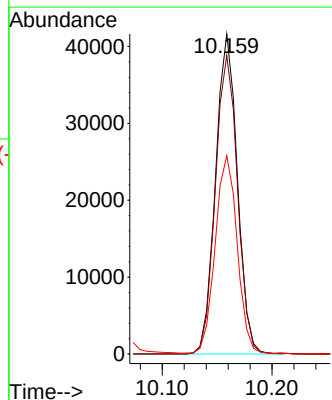
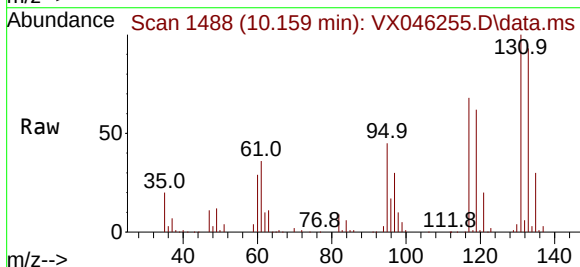
Manual Integrations
APPROVED

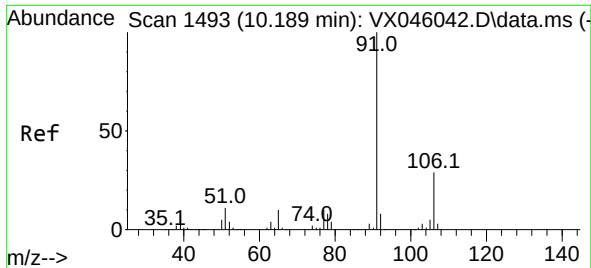
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.854 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

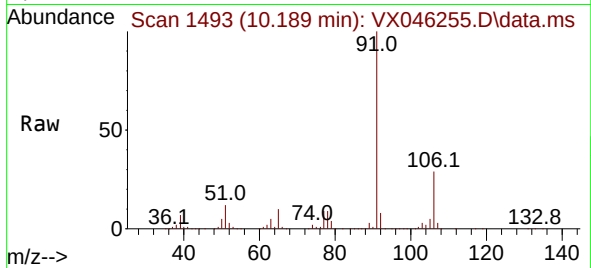
Tgt Ion:131 Resp: 57442
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.9
119 62.9 31.6 95.0





#67
Ethyl Benzene
Concen: 52.399 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

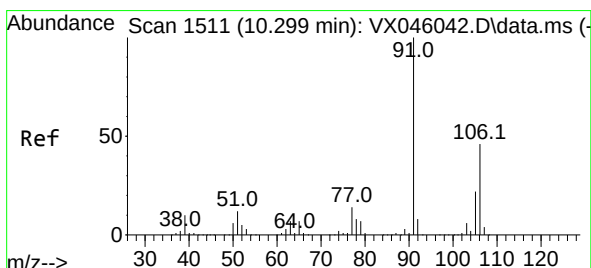
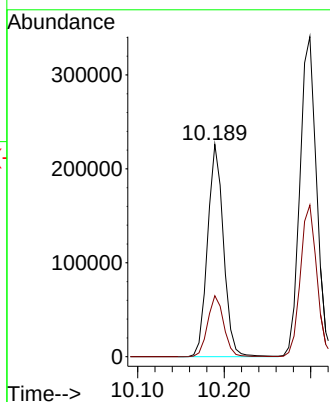
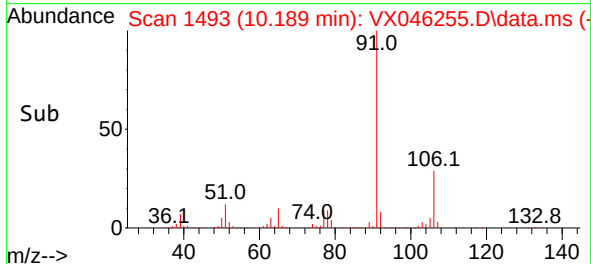
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



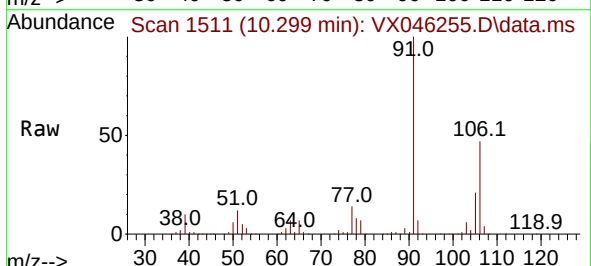
Tgt Ion: 91 Resp: 288514
Ion Ratio Lower Upper
91 100
106 28.7 23.4 35.2

Manual Integrations
APPROVED

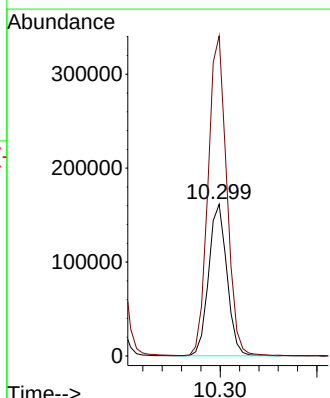
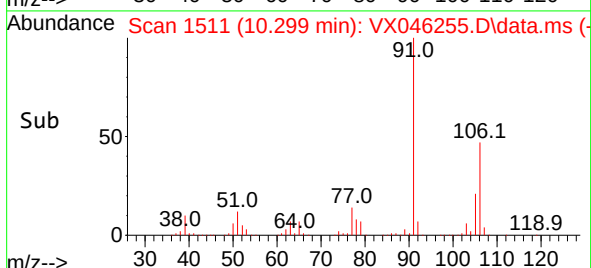
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

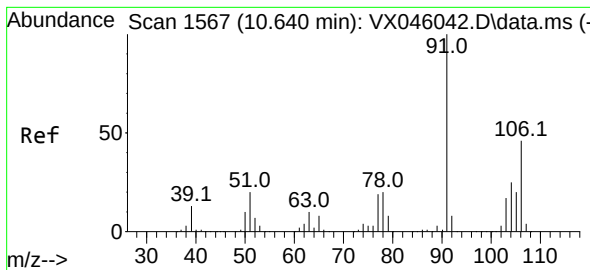


#68
m/p-Xylenes
Concen: 105.368 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05



Tgt Ion:106 Resp: 212192
Ion Ratio Lower Upper
106 100
91 215.1 171.2 256.8





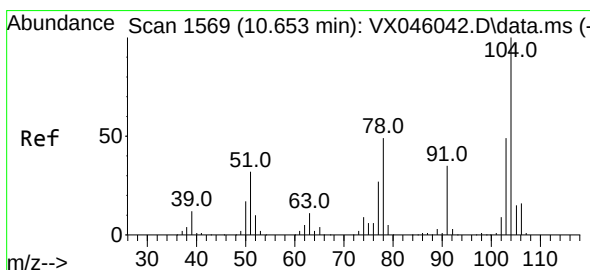
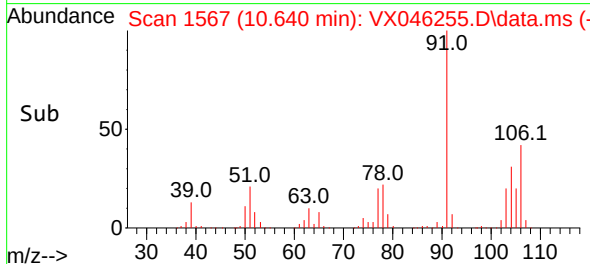
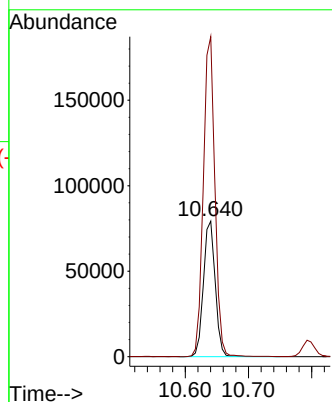
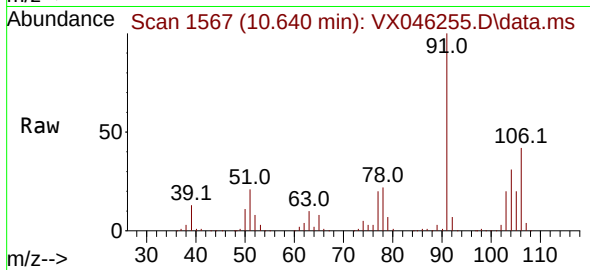
#69
o-Xylene
Concen: 52.434 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 10294
Ion Ratio Lower Upper
106 100
91 231.7 112.7 338.1

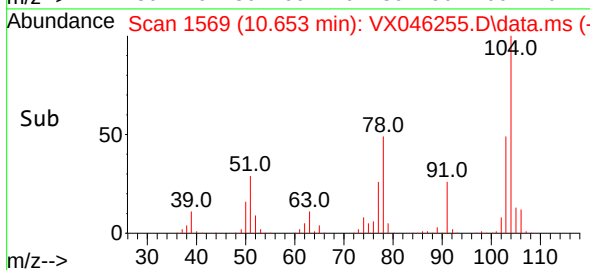
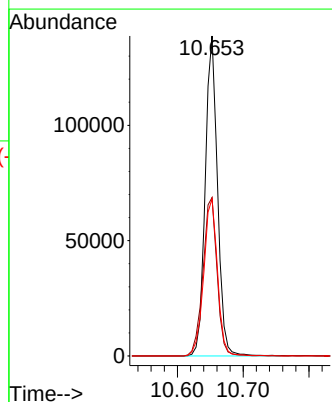
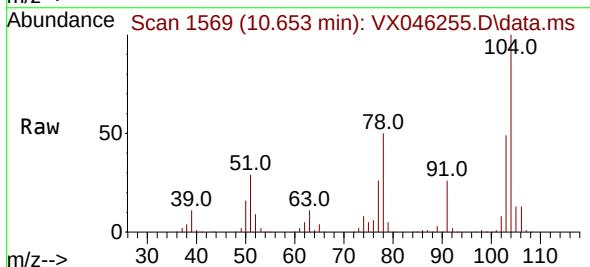
Manual Integrations
APPROVED

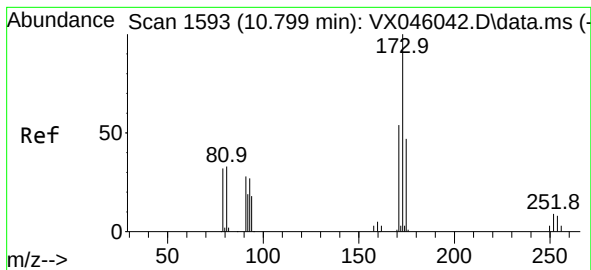
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#70
Styrene
Concen: 56.113 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

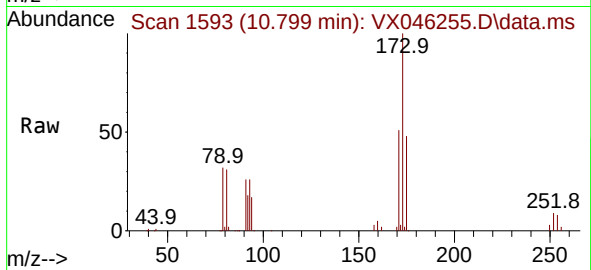
Tgt Ion:104 Resp: 180462
Ion Ratio Lower Upper
104 100
78 56.7 45.7 68.5
103 54.9 43.7 65.5





#71
Bromoform
Concen: 57.309 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

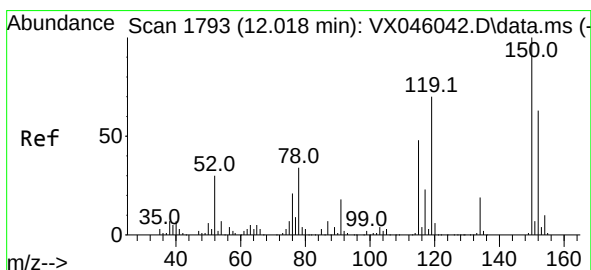
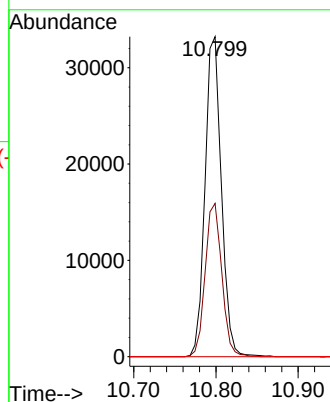
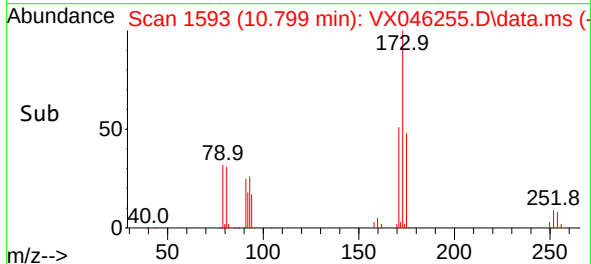
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4589
Ion Ratio Lower Upper
173 100
175 48.8 23.4 70.0
254 0.0 0.0 0.0

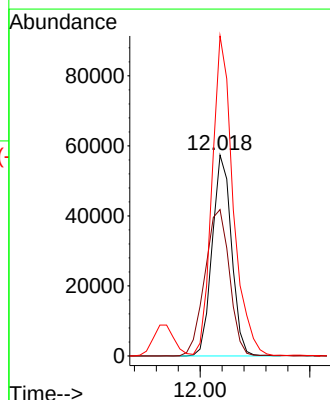
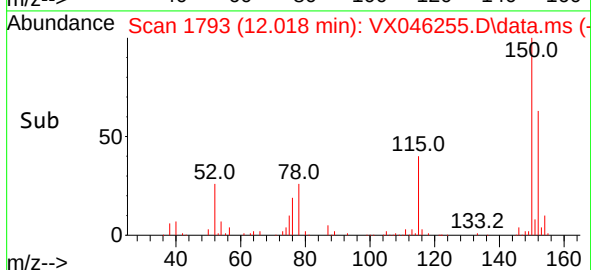
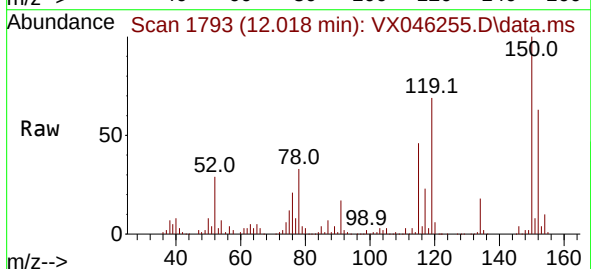
Manual Integrations
APPROVED

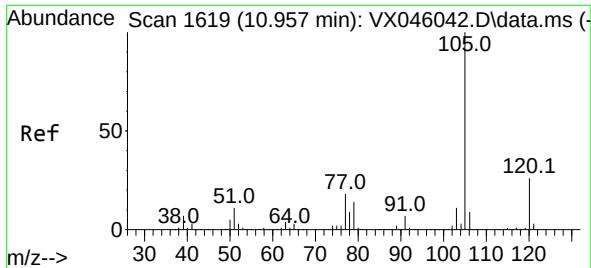
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion:152 Resp: 70270
Ion Ratio Lower Upper
152 100
115 93.0 46.9 140.7
150 172.9 0.0 351.0





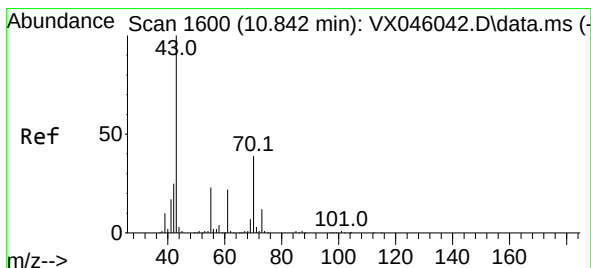
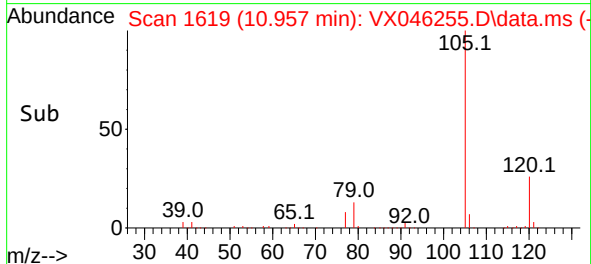
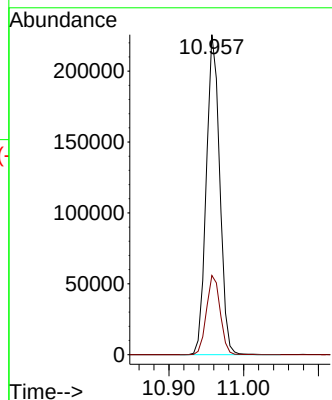
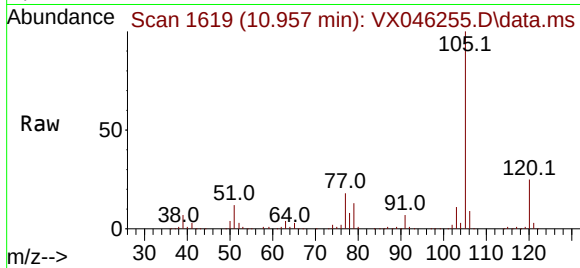
#73
Isopropylbenzene
Concen: 51.487 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 281669
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4

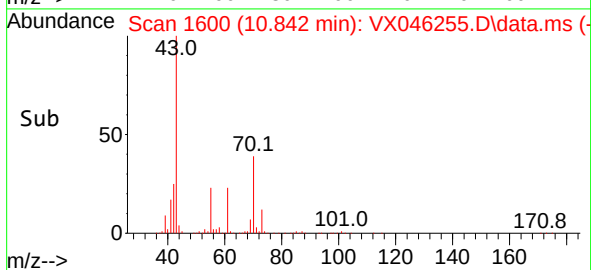
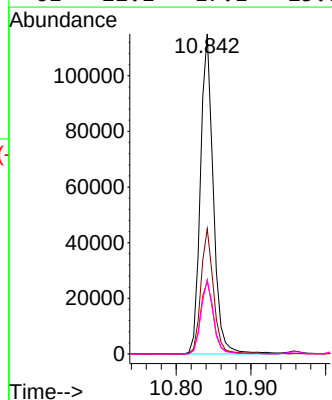
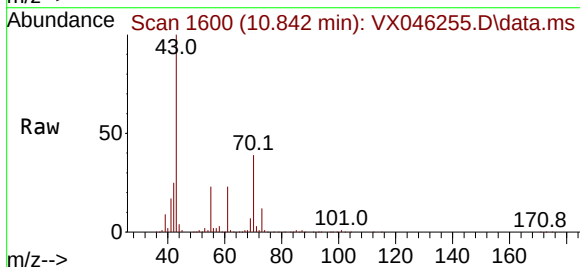
Manual Integrations
APPROVED

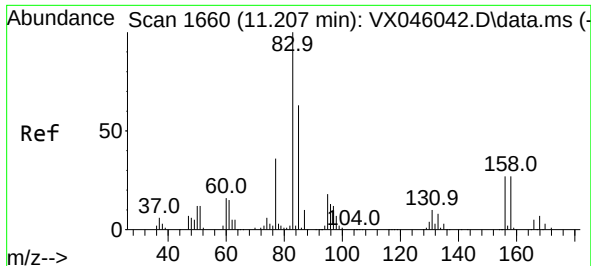
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#74
N-ethyl acetate
Concen: 50.902 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion: 43 Resp: 137605
Ion Ratio Lower Upper
43 100
70 38.3 30.9 46.3
55 23.1 18.7 28.1
61 22.1 17.1 25.7





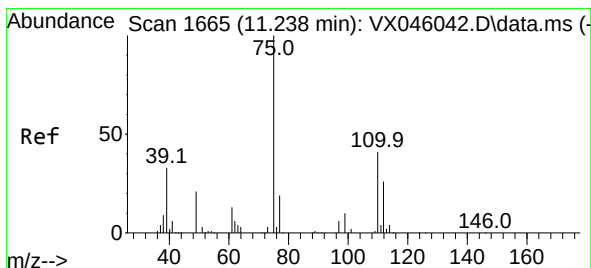
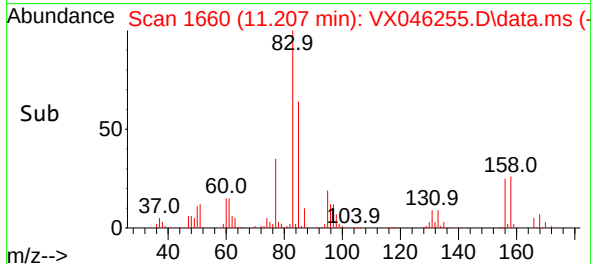
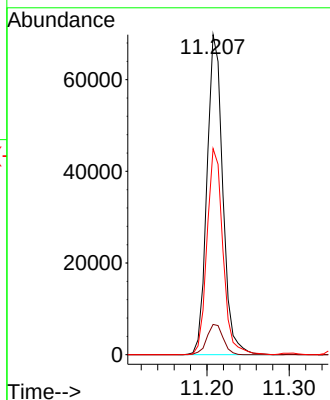
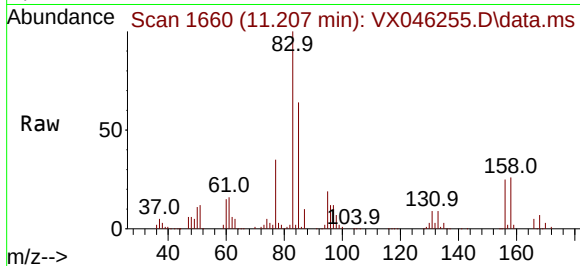
#75
1,1,2,2-Tetrachloroethane
Concen: 48.561 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 93098
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.8 31.9 95.7

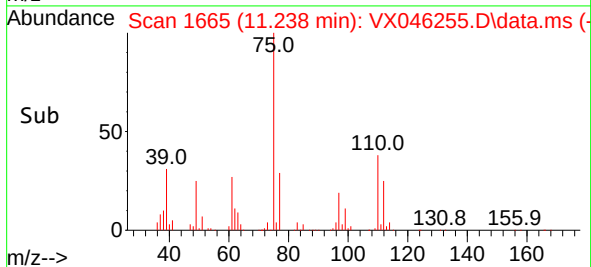
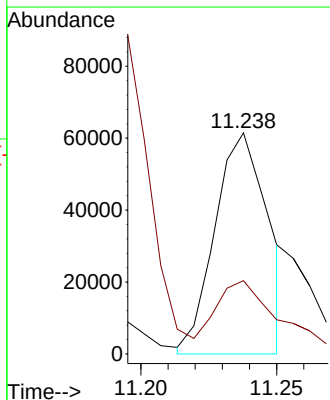
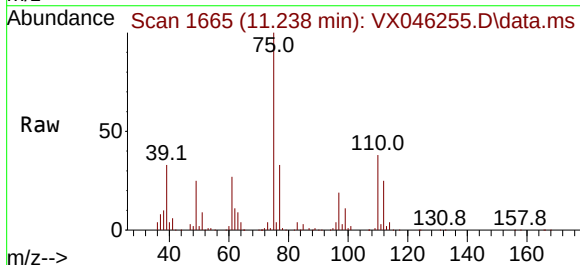
Manual Integrations
APPROVED

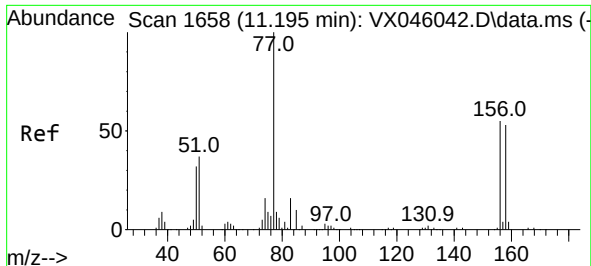
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#76
1,2,3-Trichloropropane
Concen: 49.251 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion: 75 Resp: 83305
Ion Ratio Lower Upper
75 100
77 40.5 20.5 61.5





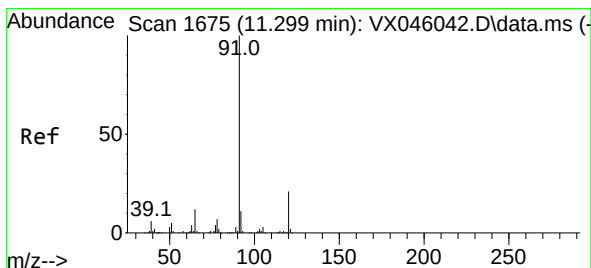
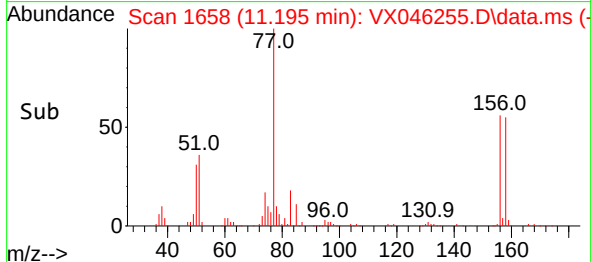
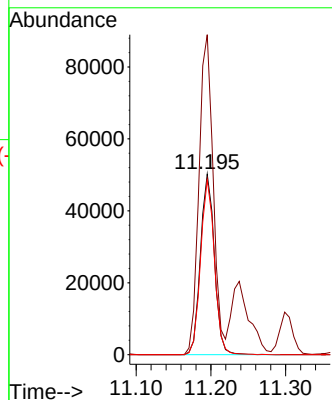
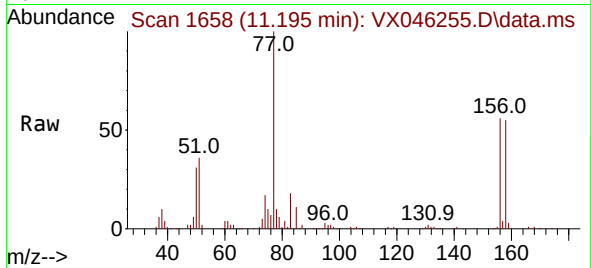
#77
Bromobenzene
Concen: 51.130 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 64940
Ion Ratio Lower Upper
156 100
77 180.8 92.8 278.3
158 96.0 48.8 146.3

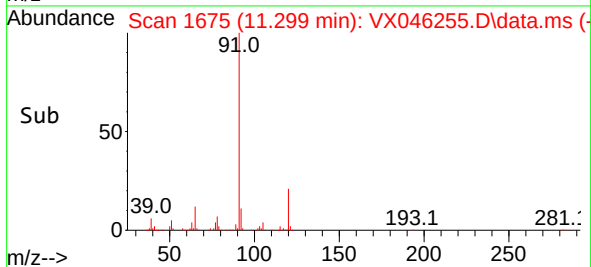
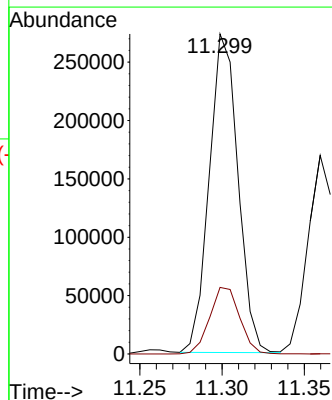
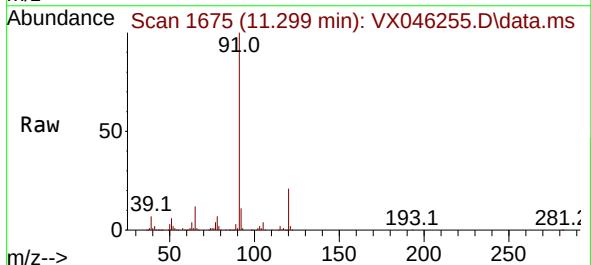
Manual Integrations
APPROVED

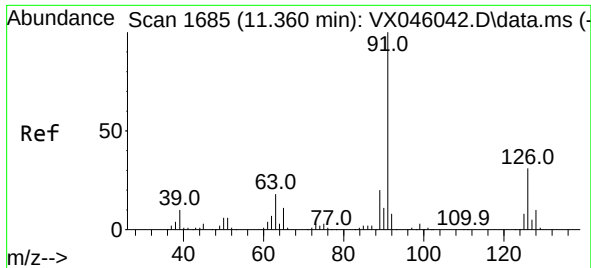
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#78
n-propylbenzene
Concen: 52.270 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion: 91 Resp: 332490
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4





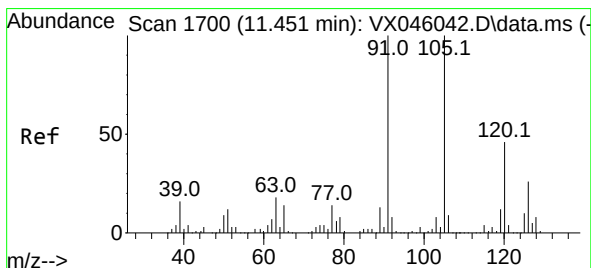
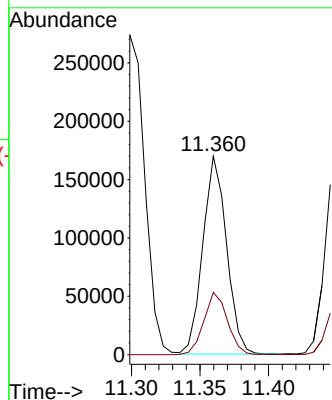
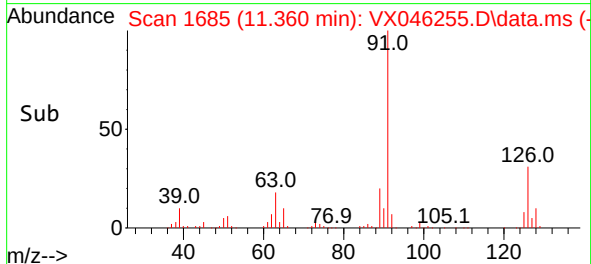
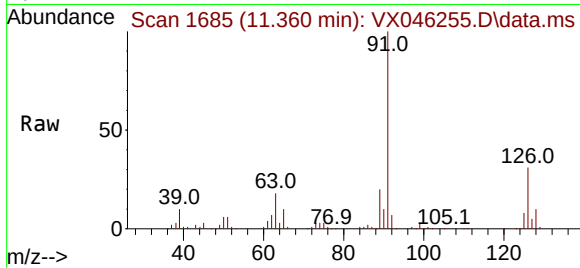
#79
2-Chlorotoluene
Concen: 49.734 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 20405
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.7

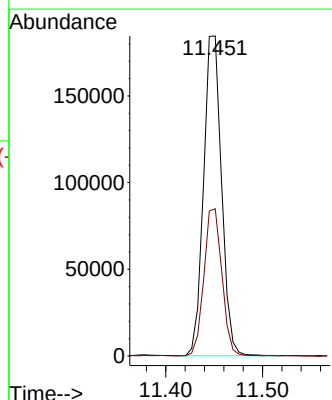
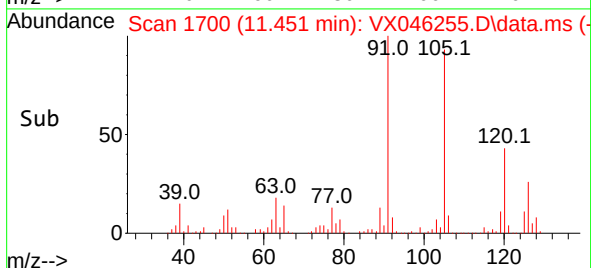
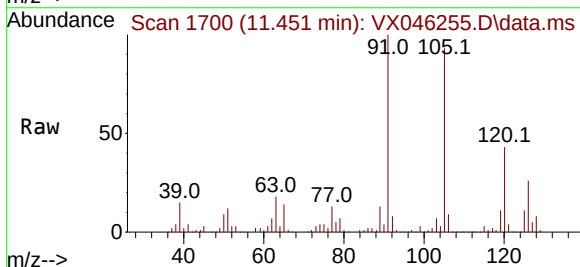
Manual Integrations
APPROVED

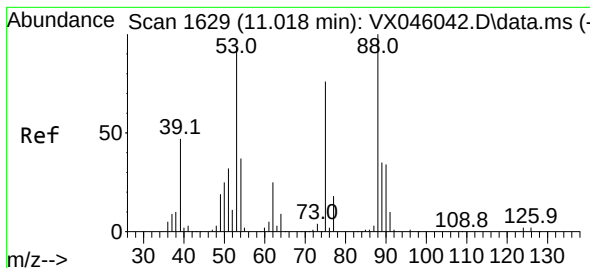
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.243 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

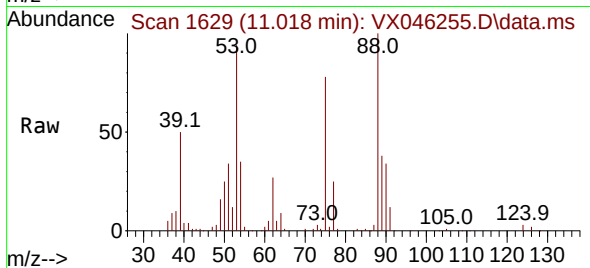
Tgt Ion:105 Resp: 238771
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 52.574 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

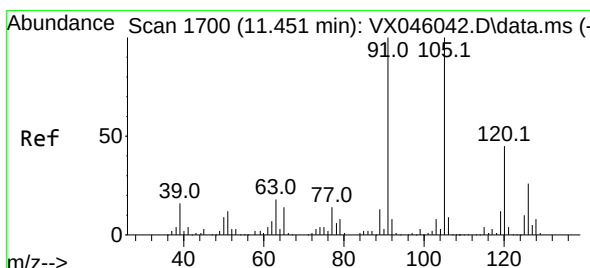
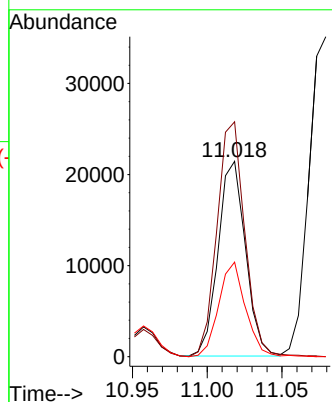
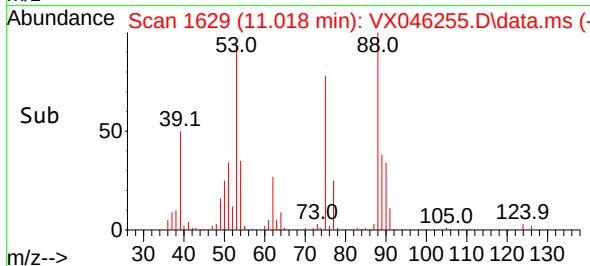
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



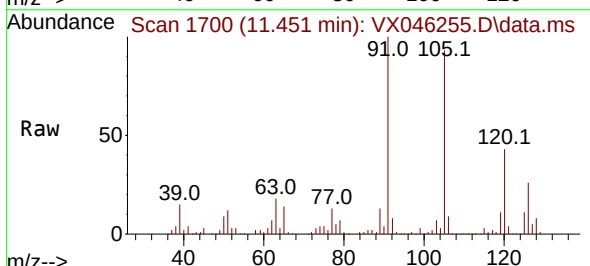
Tgt Ion: 75 Resp: 27314
Ion Ratio Lower Upper
75 100
53 122.4 100.5 150.7
89 47.7 37.0 55.6

Manual Integrations
APPROVED

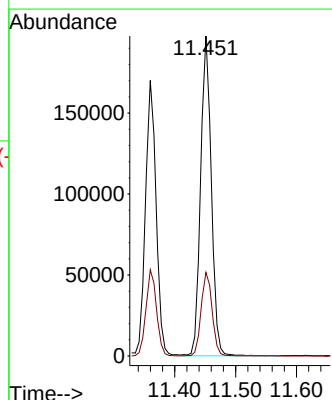
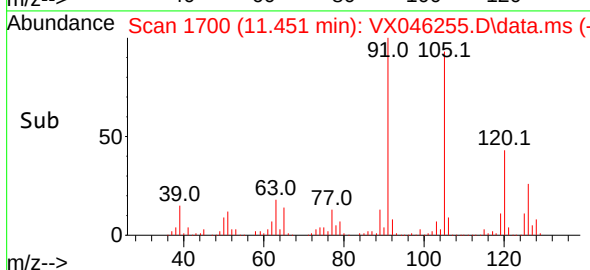
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

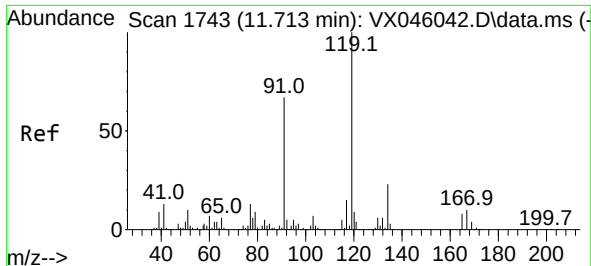


#82
4-Chlorotoluene
Concen: 52.703 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05



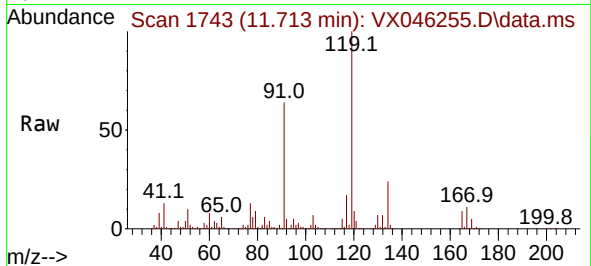
Tgt Ion: 91 Resp: 239800
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.8





#83
 tert-Butylbenzene
 Concen: 51.435 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VX046255.D
 Acq: 19 May 2025 10:05

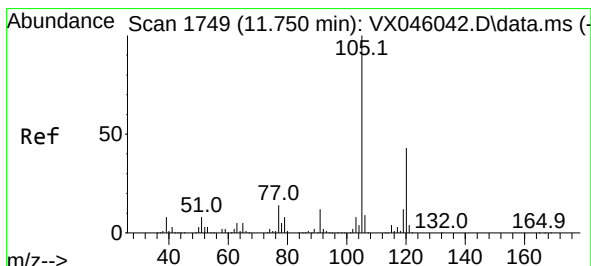
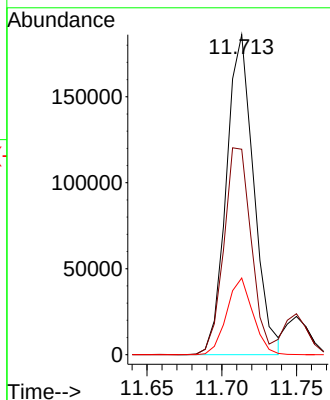
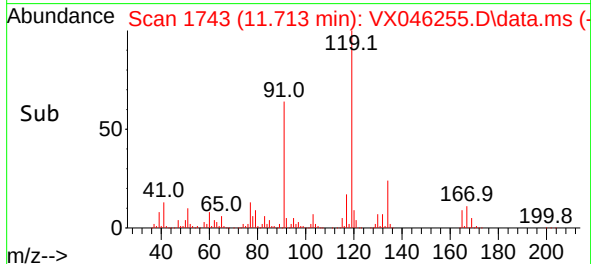
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:119 Resp: 236790
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.9 98.7
 134 22.9 11.4 34.1

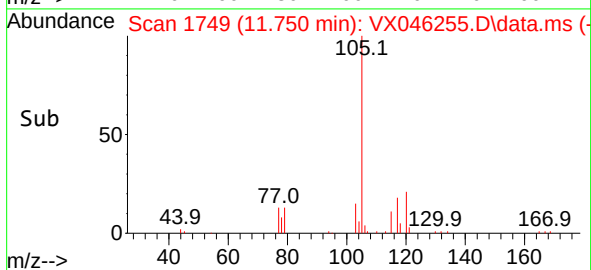
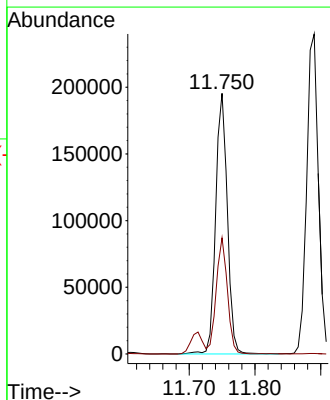
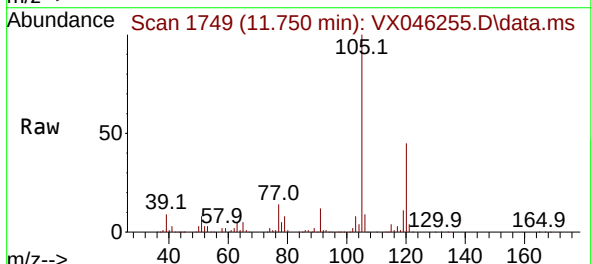
Manual Integrations
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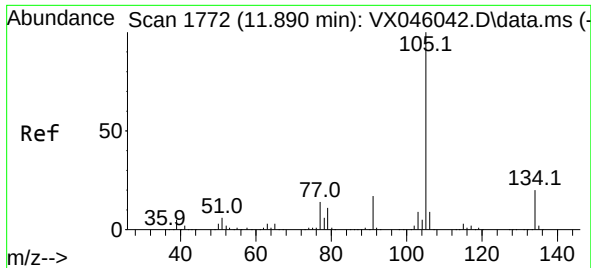
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 52.167 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046255.D
 Acq: 19 May 2025 10:05

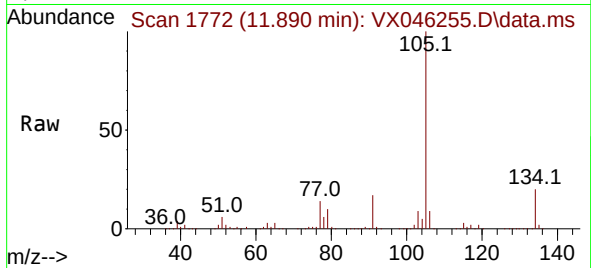
Tgt Ion:105 Resp: 241446
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.585 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046255.D
 Acq: 19 May 2025 10:05

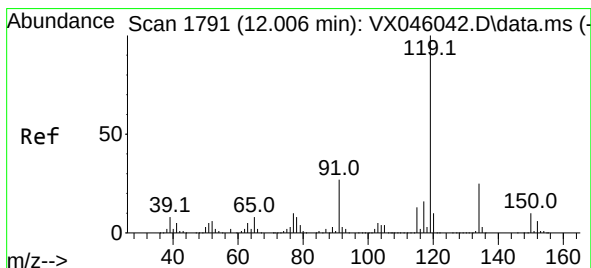
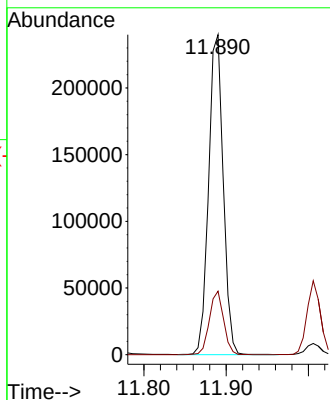
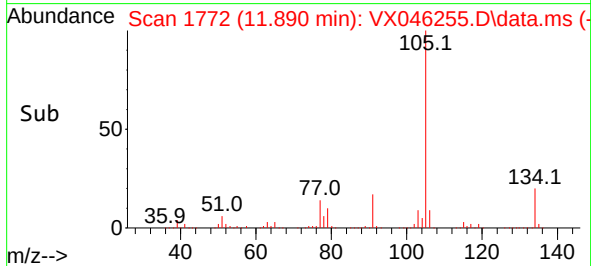
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



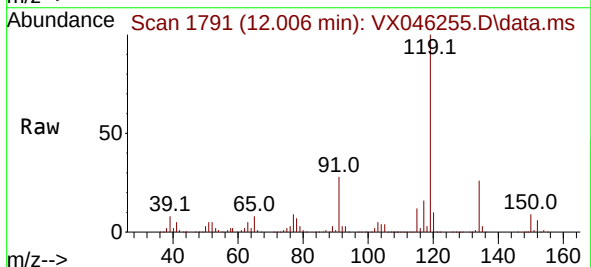
Tgt Ion:105 Resp: 297240
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1

Manual Integrations
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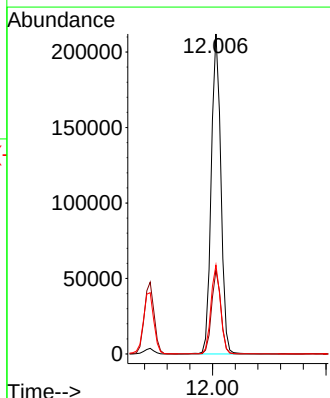
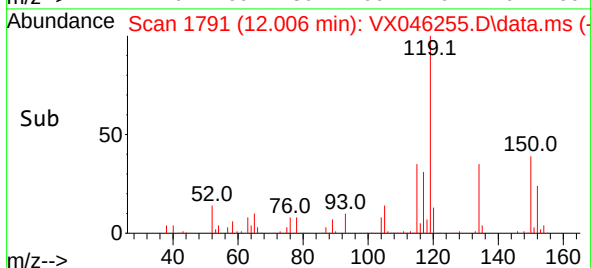
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

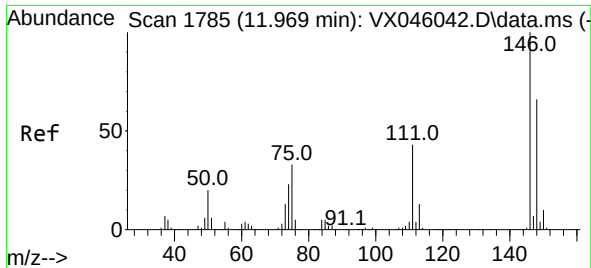


#86
 p-Isopropyltoluene
 Concen: 53.297 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046255.D
 Acq: 19 May 2025 10:05



Tgt Ion:119 Resp: 248673
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.5 37.5
 91 27.3 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 50.815 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 117789

Ion Ratio Lower Upper

146 100

111 44.9 22.1 66.3

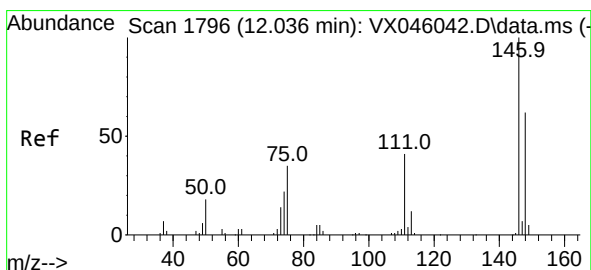
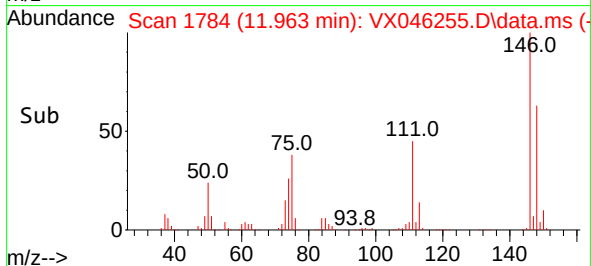
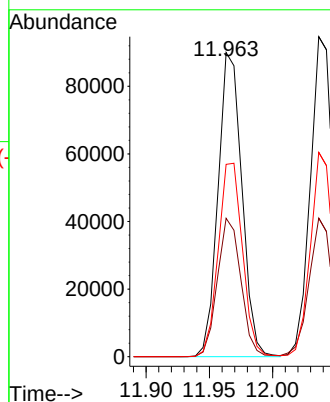
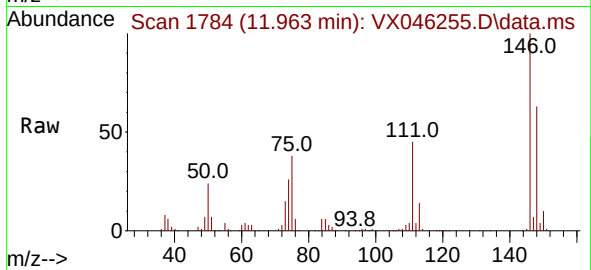
148 64.8 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#88

1,4-Dichlorobenzene

Concen: 50.288 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

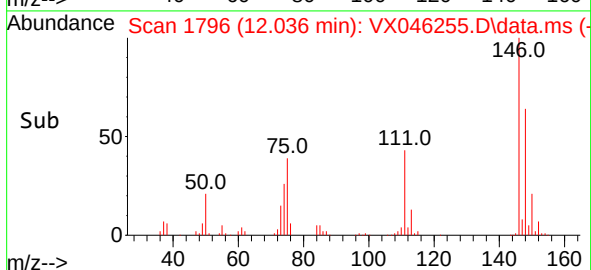
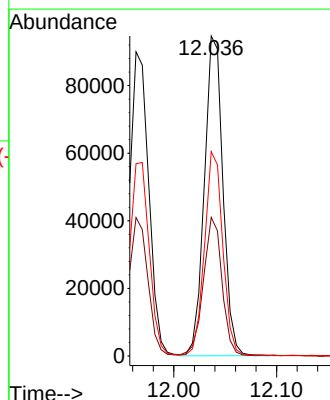
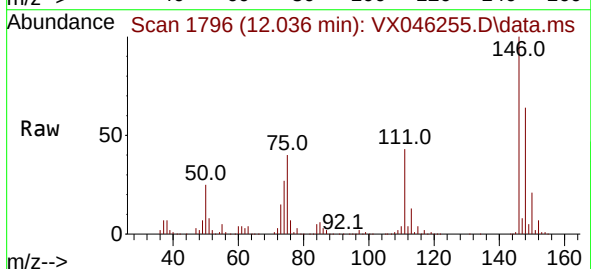
Tgt Ion:146 Resp: 119045

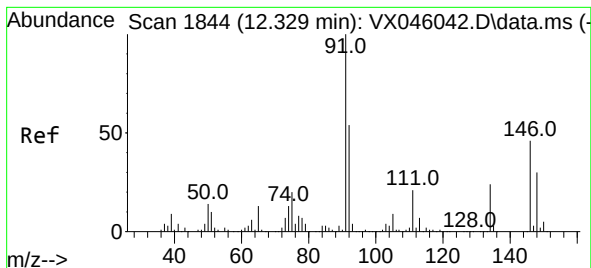
Ion Ratio Lower Upper

146 100

111 43.3 21.3 63.9

148 63.0 31.9 95.5





#89

n-Butylbenzene

Concen: 54.865 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 22454

Ion Ratio Lower Upper

91 100

92 53.9 26.9 80.7

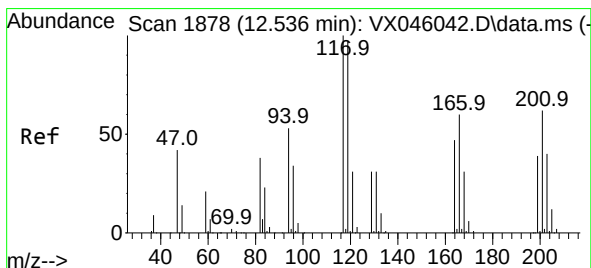
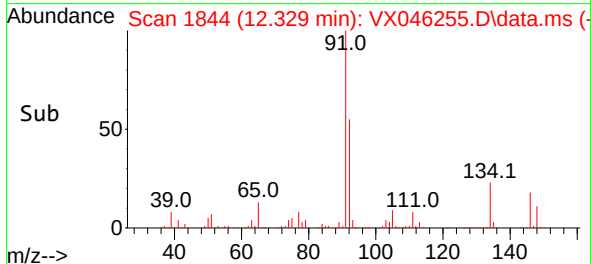
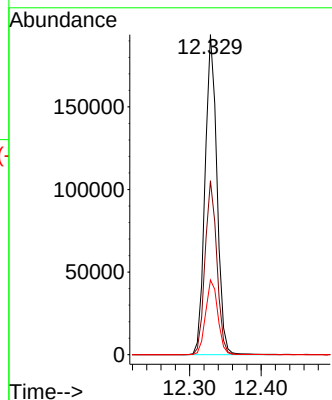
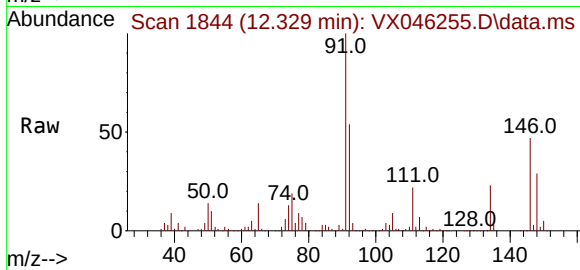
134 24.0 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#90

Hexachloroethane

Concen: 53.653 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046255.D

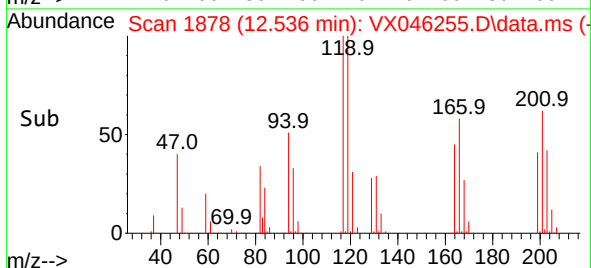
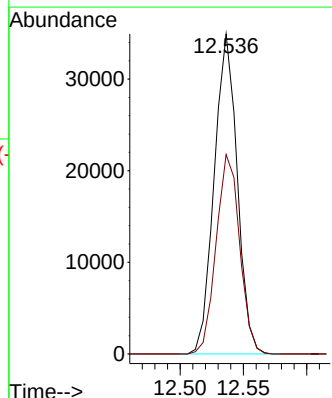
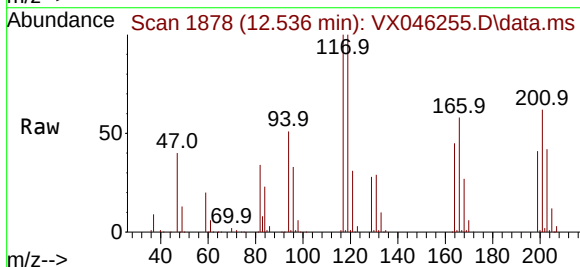
Acq: 19 May 2025 10:05

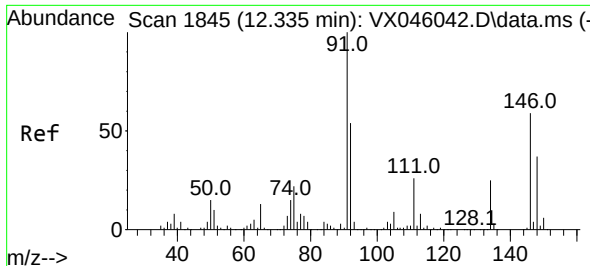
Tgt Ion:117 Resp: 44103

Ion Ratio Lower Upper

117 100

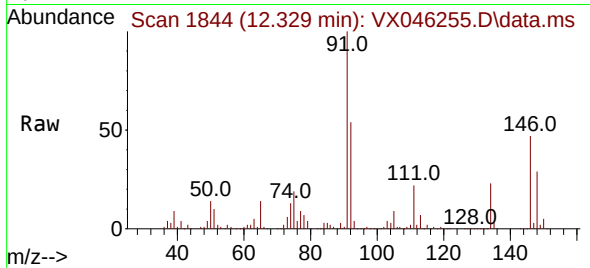
201 63.7 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 50.839 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

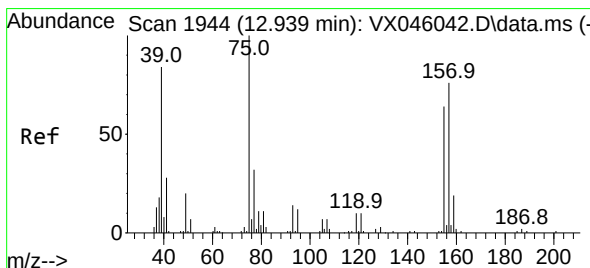
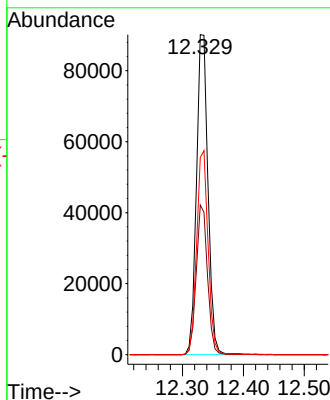
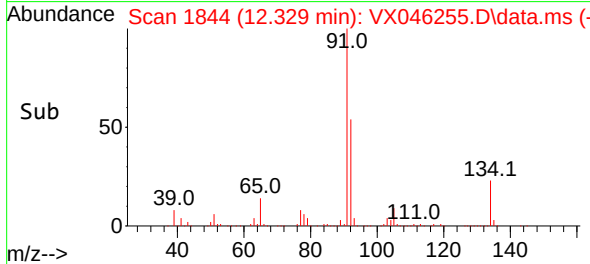
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 11825
Ion Ratio Lower Upper
146 100
111 45.6 22.4 67.3
148 63.1 31.6 94.8

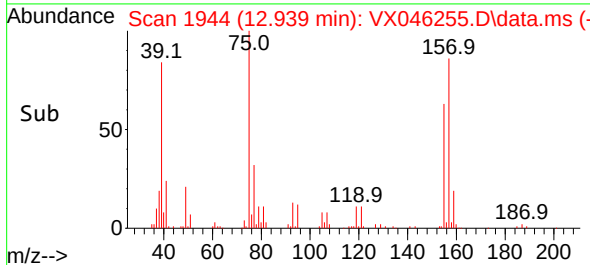
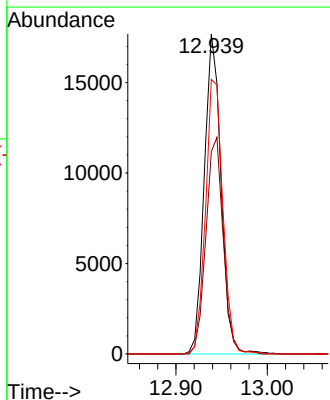
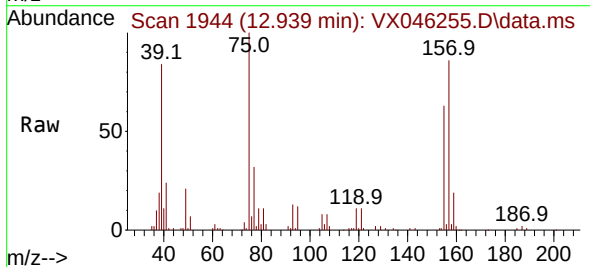
Manual Integrations
APPROVED

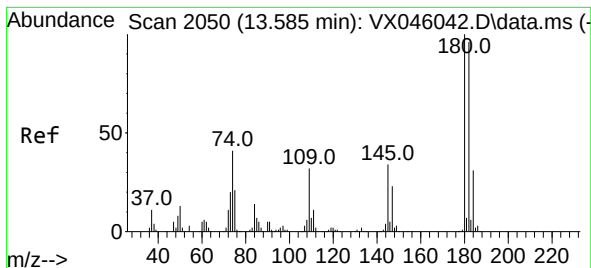
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.775 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

Tgt Ion: 75 Resp: 22414
Ion Ratio Lower Upper
75 100
155 70.1 34.9 104.8
157 88.9 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 51.847 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

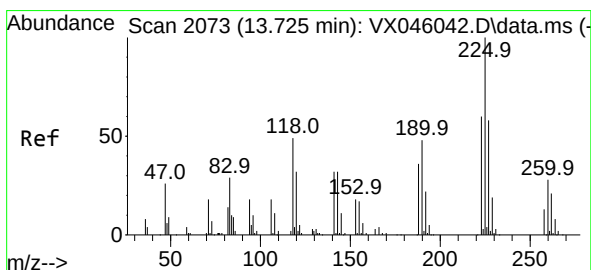
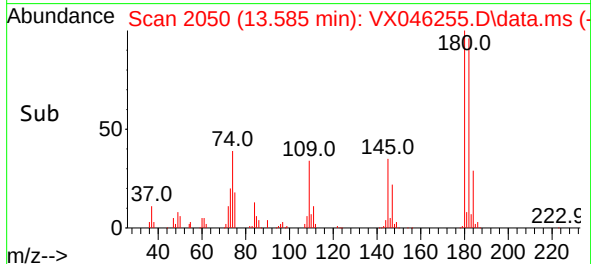
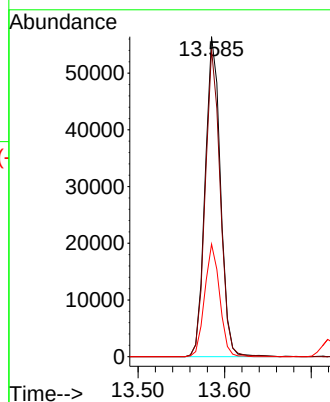
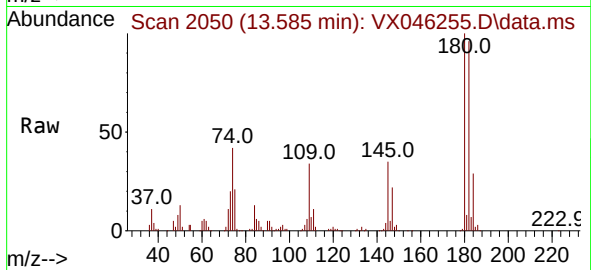
Tgt Ion:180	Resp:	6926
Ion Ratio	Lower	Upper
180	100	
182	94.1	47.9 143.8
145	34.3	17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#94

Hexachlorobutadiene

Concen: 52.507 ug/l

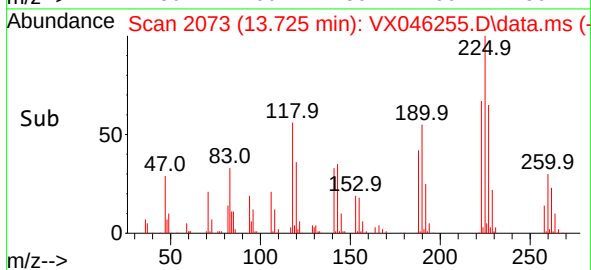
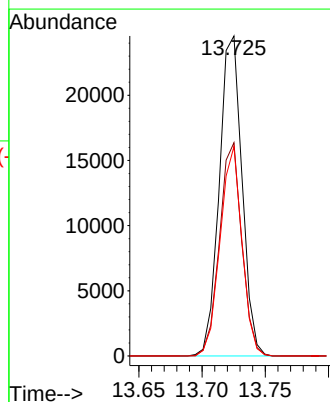
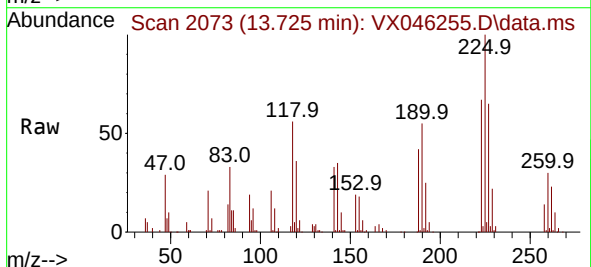
RT: 13.725 min Scan# 2073

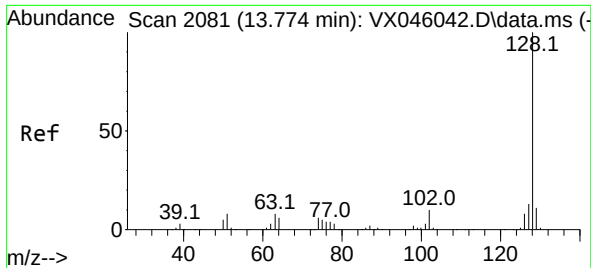
Delta R.T. -0.000 min

Lab File: VX046255.D

Acq: 19 May 2025 10:05

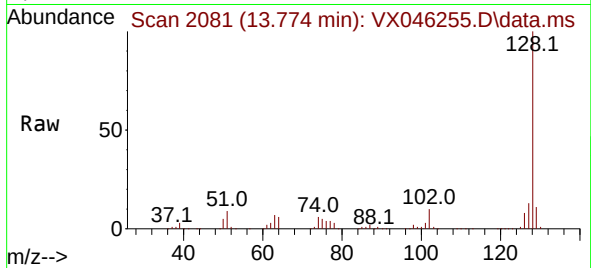
Tgt Ion:225	Resp:	30637
Ion Ratio	Lower	Upper
225	100	
223	65.4	30.8 92.4
227	62.9	30.9 92.7





#95
Naphthalene
Concen: 49.585 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05

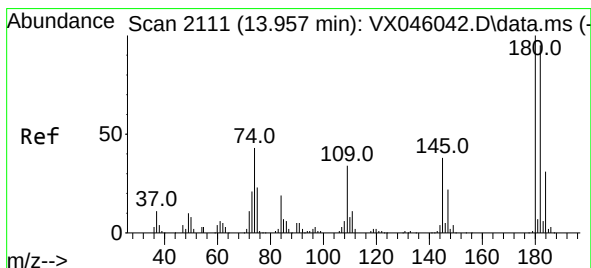
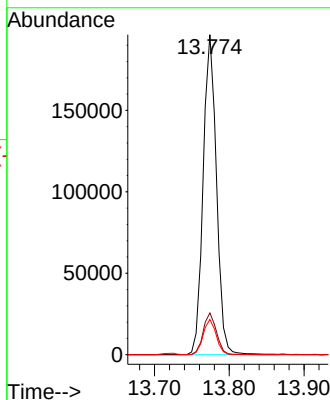
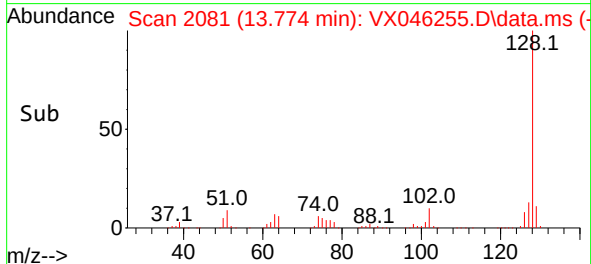
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



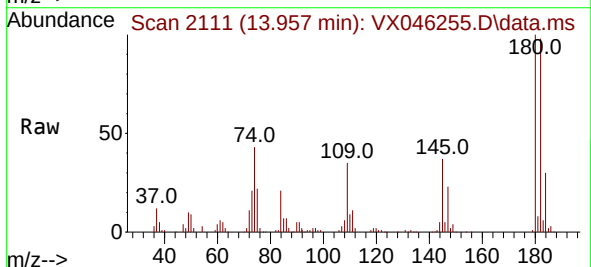
Tgt Ion:128 Resp: 242964
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.799 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046255.D
Acq: 19 May 2025 10:05



Tgt Ion:180 Resp: 70028
Ion Ratio Lower Upper
180 100
182 97.5 47.8 143.3
145 36.1 18.1 54.3

