

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052925\
 Data File : VX046407.D
 Acq On : 29 May 2025 18:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2025
 Supervised By : Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:35:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	80548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140488	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73583	49.001	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.000%		
35) Dibromofluoromethane	5.379	113	51014	50.426	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.860%		
50) Toluene-d8	8.647	98	169545	48.421	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.840%		
62) 4-Bromofluorobenzene	11.079	95	67753	50.444	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66918	54.279	ug/l	97
3) Chloromethane	1.307	50	64809	54.209	ug/l	99
4) Vinyl Chloride	1.374	62	58544	52.615	ug/l	100
5) Bromomethane	1.593	94	26672	51.682	ug/l	97
6) Chloroethane	1.666	64	33319	56.093	ug/l	100
7) Trichlorofluoromethane	1.874	101	91937	55.908	ug/l	98
8) Diethyl Ether	2.130	74	30100	53.769	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	57622	56.622	ug/l	98
10) Methyl Iodide	2.447	142	68383	56.789	ug/l	99
11) Tert butyl alcohol	2.977	59	58124	275.744	ug/l	99
12) 1,1-Dichloroethene	2.306	96	52963	55.453	ug/l	98
13) Acrolein	2.233	56	72031	300.059	ug/l	99
14) Allyl chloride	2.654	41	106875	58.550	ug/l	97
15) Acrylonitrile	3.062	53	181198	300.624	ug/l	97
16) Acetone	2.386	43	170388	282.989	ug/l	98
17) Carbon Disulfide	2.502	76	118405	52.291	ug/l	98
18) Methyl Acetate	2.703	43	100967	72.264	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	194432	58.065	ug/l	100
20) Methylene Chloride	2.782	84	61815	53.574	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	52576	54.738	ug/l	95
22) Diisopropyl ether	3.757	45	208134	59.029	ug/l	98
23) Vinyl Acetate	3.721	43	894165	288.329	ug/l	100
24) 1,1-Dichloroethane	3.605	63	114424	58.264	ug/l	98
25) 2-Butanone	4.556	43	262383	300.168	ug/l	99
26) 2,2-Dichloropropane	4.465	77	82792	53.861	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	66040	57.114	ug/l	99
28) Bromochloromethane	4.891	49	51633	54.620	ug/l	99
29) Tetrahydrofuran	5.001	42	165017	301.266	ug/l	98
30) Chloroform	5.086	83	118785	58.030	ug/l	96
31) Cyclohexane	5.458	56	99726	55.725	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	101940	57.450	ug/l	99
36) 1,1-Dichloropropene	5.684	75	75897	55.837	ug/l	99
37) Ethyl Acetate	4.715	43	95131	56.647	ug/l	100
38) Carbon Tetrachloride	5.672	117	84521	55.342	ug/l	95
39) Methylcyclohexane	7.373	83	97416	55.668	ug/l	99
40) Benzene	6.031	78	228842	57.477	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56535	64.354	ug/l	99
42) 1,2-Dichloroethane	6.080	62	98928	57.572	ug/l	100
43) Isopropyl Acetate	6.336	43	155796	60.811	ug/l	99
44) Trichloroethene	7.123	130	53896	56.244	ug/l	99
45) 1,2-Dichloropropane	7.427	63	59418	60.018	ug/l	96
46) Dibromomethane	7.574	93	44114	56.496	ug/l	99
47) Bromodichloromethane	7.818	83	90900	59.107	ug/l	100
48) Methyl methacrylate	7.690	41	81859	62.563	ug/l	98
49) 1,4-Dioxane	7.659	88	28263	1137.640	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	524960	308.689	ug/l	99
52) Toluene	8.714	92	140139	57.402	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	80645	58.996	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	89855	59.474	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	56912	59.121	ug/l	96
56) Ethyl methacrylate	9.116	69	96135	62.660	ug/l	97
57) 1,3-Dichloropropane	9.305	76	100560	58.167	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	232296	296.988	ug/l	99
59) 2-Hexanone	9.427	43	387407	307.913	ug/l	99
60) Dibromochloromethane	9.519	129	64577	61.084	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58489	58.459	ug/l	97
64) Tetrachloroethene	9.269	164	48039	54.029	ug/l	96
65) Chlorobenzene	10.079	112	152807	55.556	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	53025	56.457	ug/l	99
67) Ethyl Benzene	10.189	91	279910	57.732	ug/l	99
68) m/p-Xylenes	10.299	106	203406	114.706	ug/l	98
69) o-Xylene	10.640	106	100601	58.192	ug/l	96
70) Styrene	10.653	104	172046	60.752	ug/l	99
71) Bromoform	10.799	173	40499	57.433	ug/l #	98
73) Isopropylbenzene	10.957	105	269958	58.471	ug/l	100
74) N-amyl acetate	10.842	43	133716	58.610	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	88885	54.937	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	78304m	54.855	ug/l	
77) Bromobenzene	11.195	156	59891	55.874	ug/l	98
78) n-propylbenzene	11.299	91	316211	58.903	ug/l	100
79) 2-Chlorotoluene	11.360	91	196382	56.715	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	227308	58.931	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23447	53.476	ug/l	96
82) 4-Chlorotoluene	11.451	91	222572	57.962	ug/l	99
83) tert-Butylbenzene	11.713	119	224478	57.777	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	230740	59.072	ug/l	100
85) sec-Butylbenzene	11.890	105	280922	58.888	ug/l	99
86) p-Isopropyltoluene	12.006	119	234037	59.435	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	110907	56.694	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	109157	54.638	ug/l	99
89) n-Butylbenzene	12.329	91	206541	59.798	ug/l	99
90) Hexachloroethane	12.536	117	39249	56.577	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	110788	56.436	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21033	58.681	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	63260	56.106	ug/l	99
94) Hexachlorobutadiene	13.725	225	26955	54.739	ug/l	96
95) Naphthalene	13.774	128	240518	58.162	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	66938	57.537	ug/l	100

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

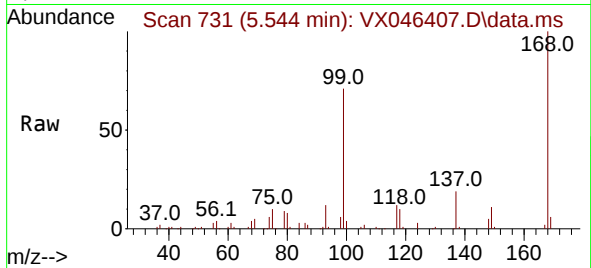
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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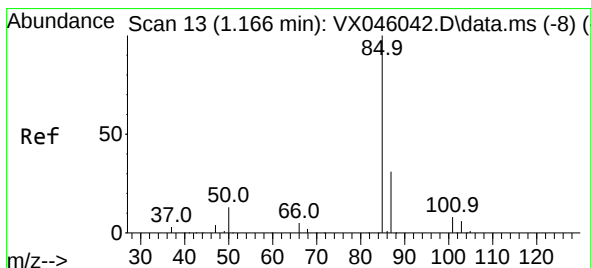
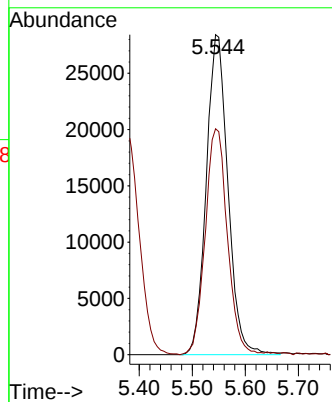
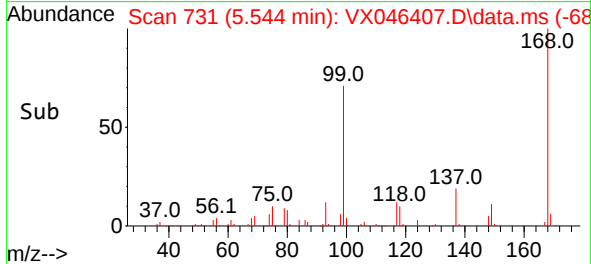
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 80548
Ion Ratio Lower Upper
168 100
99 70.6 54.9 82.3

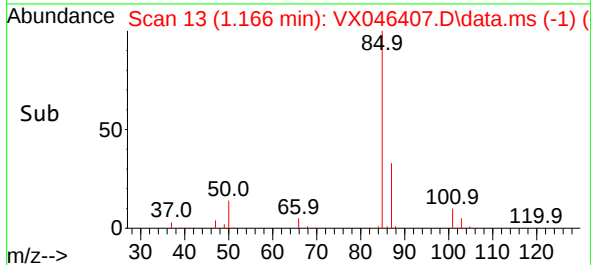
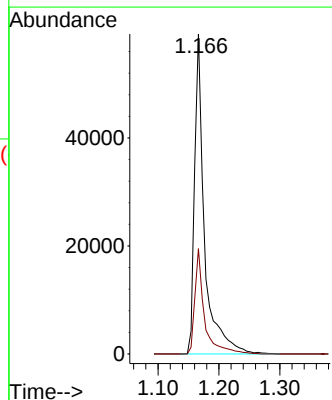
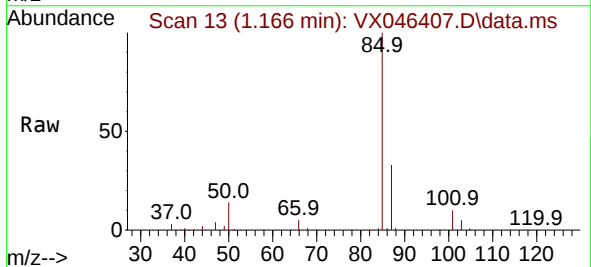
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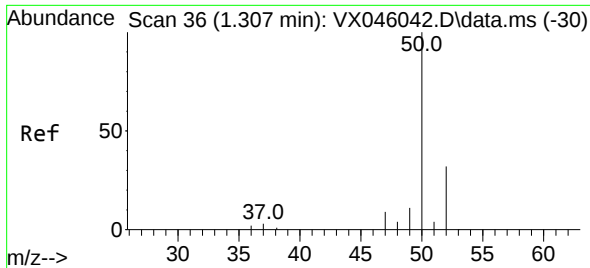
Reviewed By :John Carlone 05/30/2025
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#2
Dichlorodifluoromethane
Concen: 54.279 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion: 85 Resp: 66918
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.1





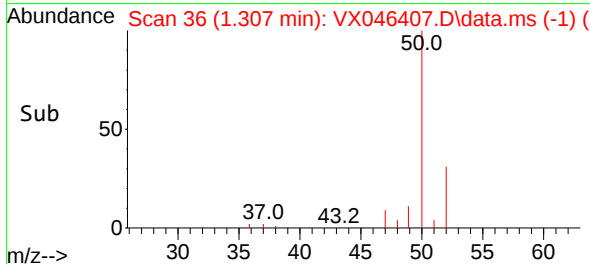
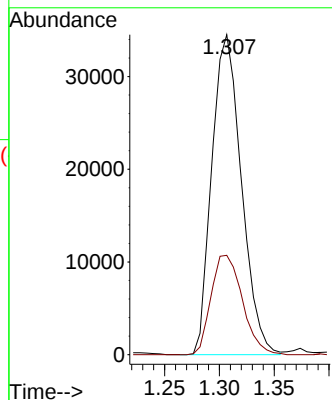
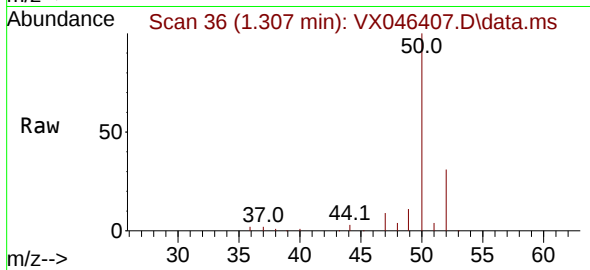
#3
Chloromethane
Concen: 54.209 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

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Tgt Ion: 50 Resp: 64809
Ion Ratio Lower Upper
50 100
52 31.1 25.4 38.2

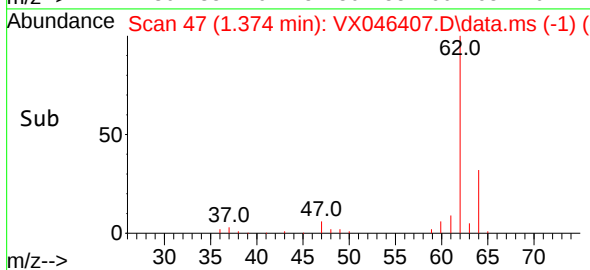
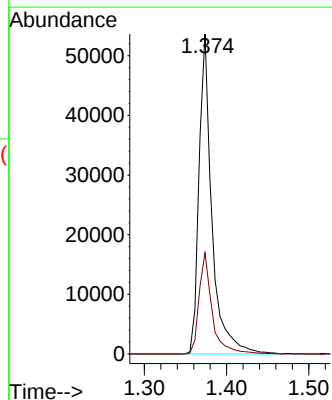
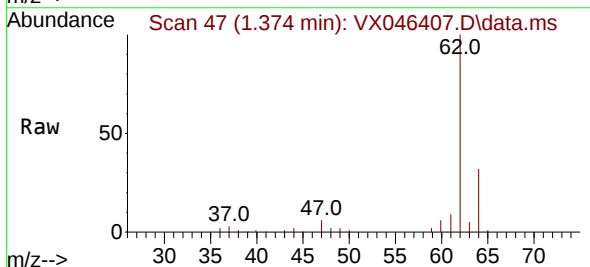
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#4
Vinyl Chloride
Concen: 52.615 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

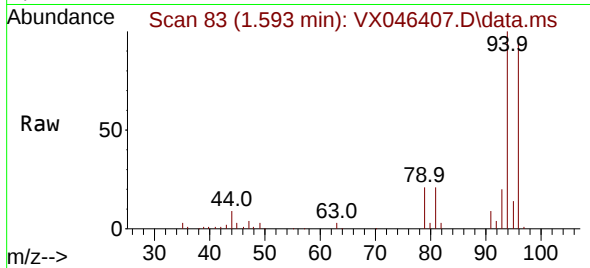
Tgt Ion: 62 Resp: 58544
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





#5
Bromomethane
Concen: 51.682 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

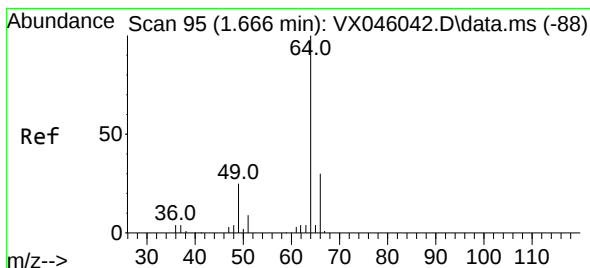
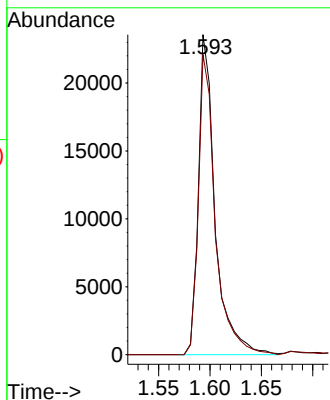
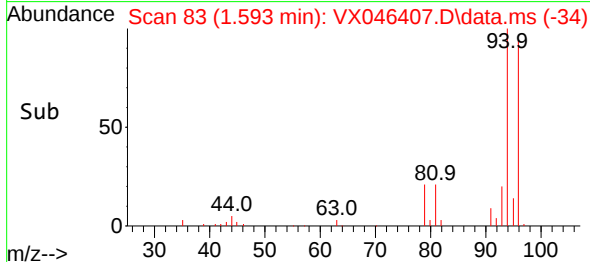
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 26672
Ion Ratio Lower Upper
94 100
96 93.8 72.8 109.2

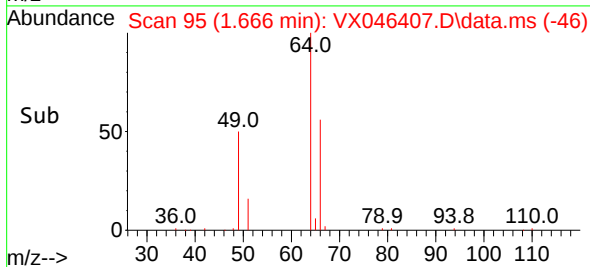
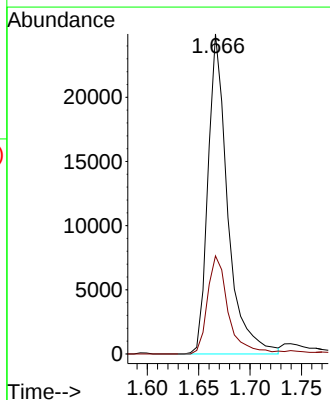
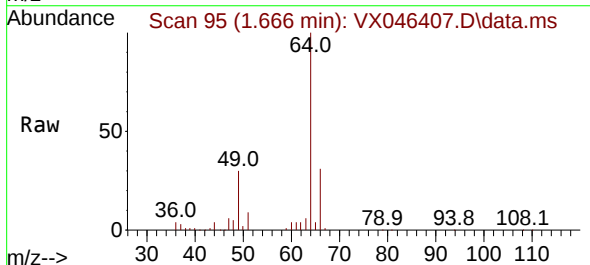
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#6
Chloroethane
Concen: 56.093 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

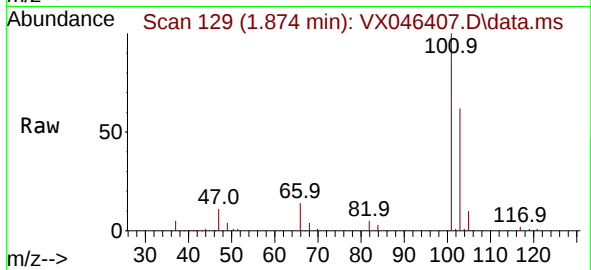
Tgt Ion: 64 Resp: 33319
Ion Ratio Lower Upper
64 100
66 30.6 24.3 36.5





#7
Trichlorofluoromethane
Concen: 55.908 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

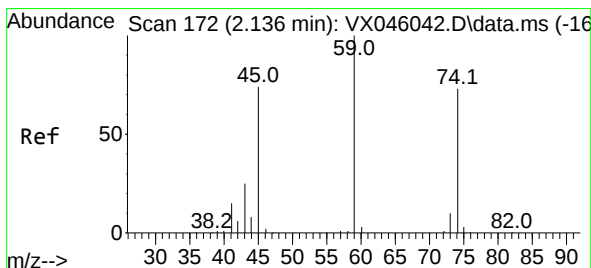
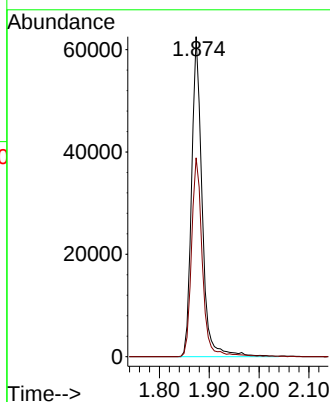
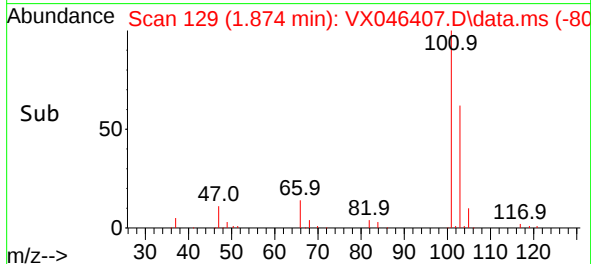
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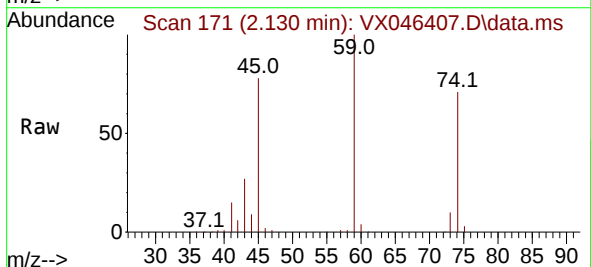
Tgt Ion:101 Resp: 9193
Ion Ratio Lower Upper
101 100
103 62.2 51.0 76.4

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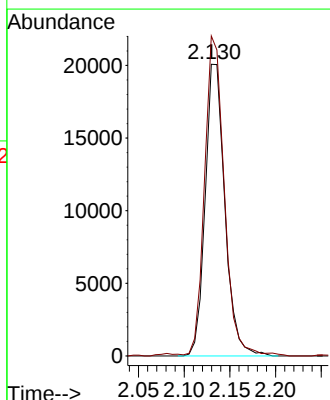
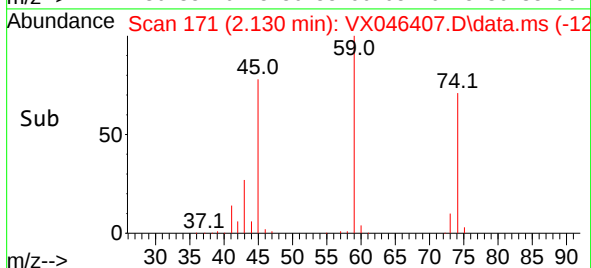
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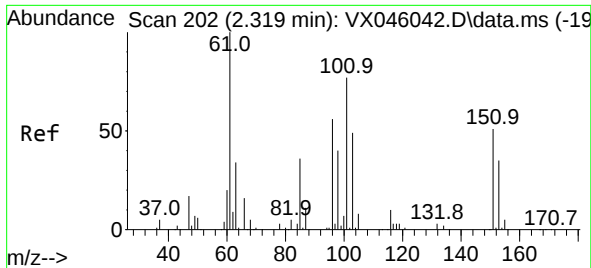


#8
Diethyl Ether
Concen: 53.769 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17



Tgt Ion: 74 Resp: 30100
Ion Ratio Lower Upper
74 100
45 109.8 54.9 164.8





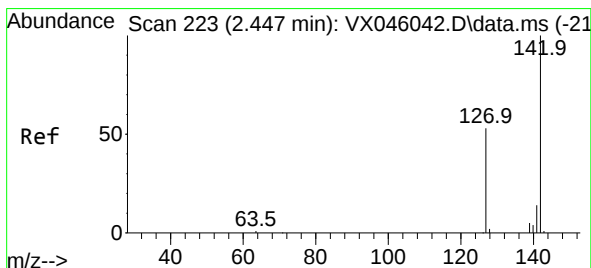
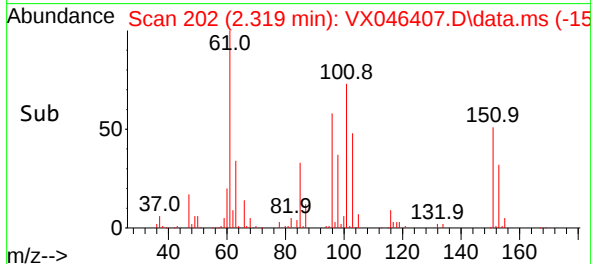
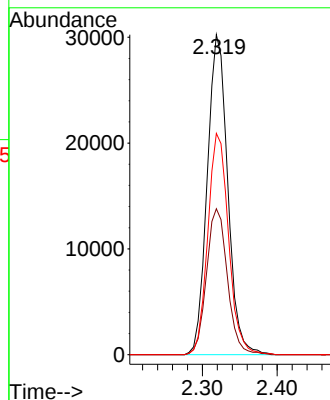
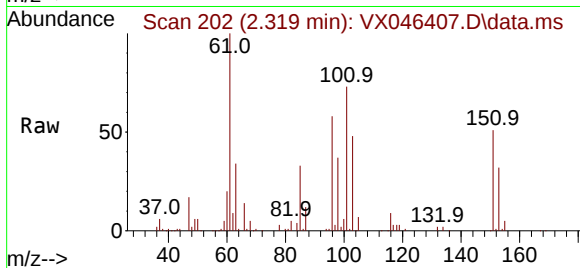
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.622 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046407.D
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Tgt Ion:101 Resp: 5762
Ion Ratio Lower Upper
101 100
85 46.6 38.6 58.0
151 70.1 55.2 82.8

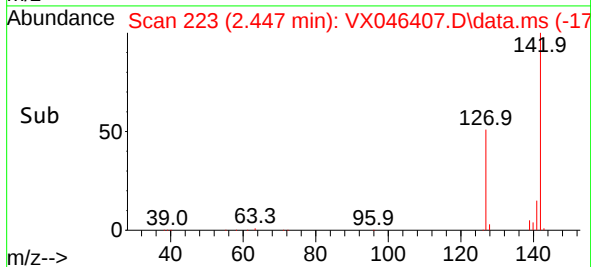
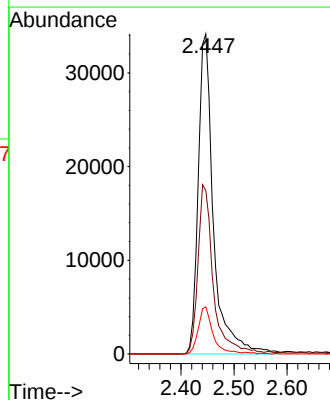
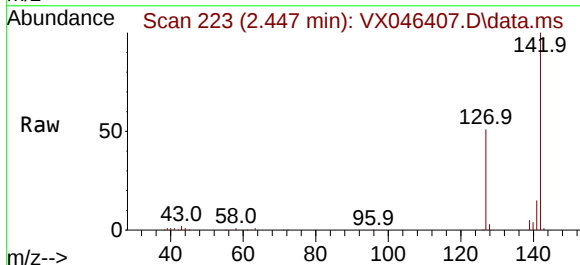
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#10
Methyl Iodide
Concen: 56.789 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

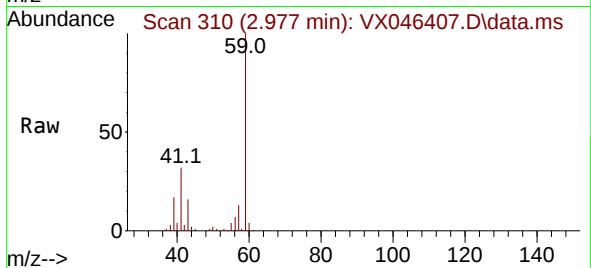
Tgt Ion:142 Resp: 68383
Ion Ratio Lower Upper
142 100
127 52.9 41.7 62.5
141 14.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 275.744 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

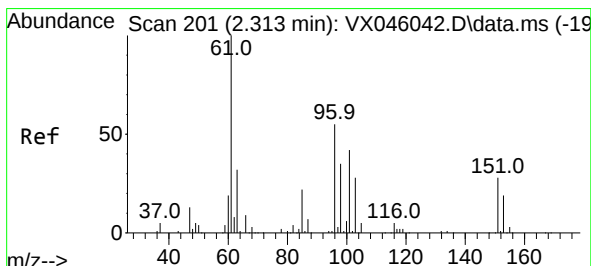
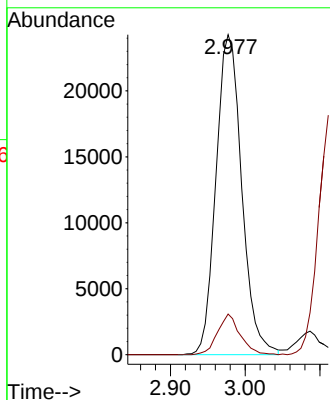
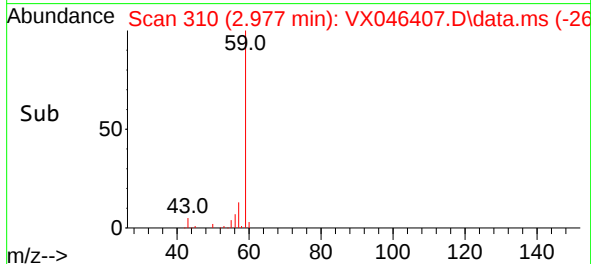
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



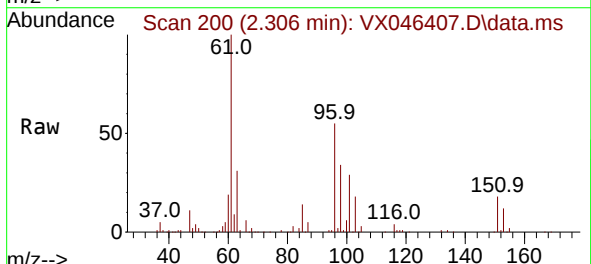
Tgt Ion: 59 Resp: 58124
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

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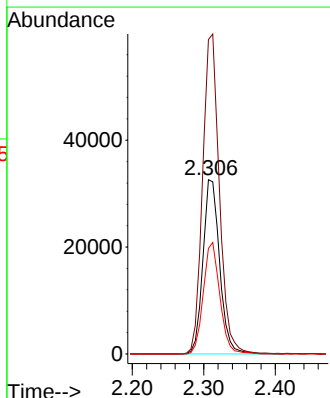
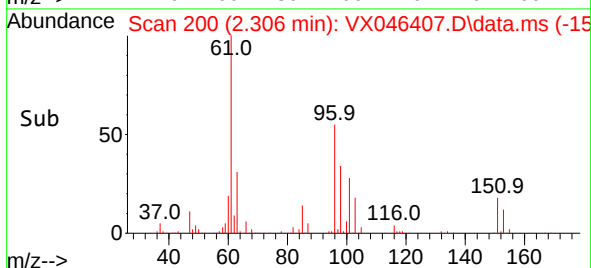
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

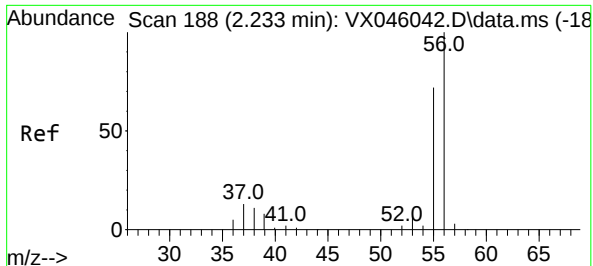


#12
1,1-Dichloroethene
Concen: 55.453 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17



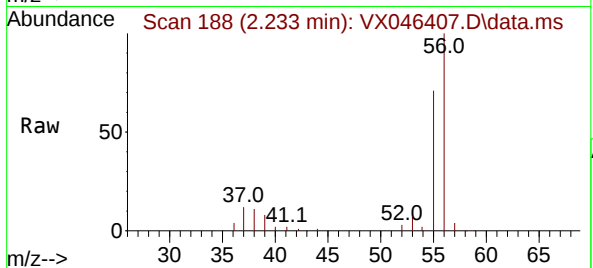
Tgt Ion: 96 Resp: 52963
Ion Ratio Lower Upper
96 100
61 180.4 146.2 219.2
98 60.6 51.0 76.6





#13
Acrolein
Concen: 300.059 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

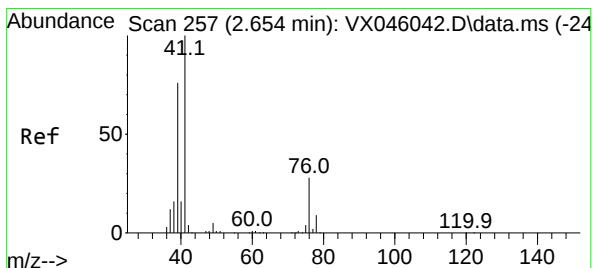
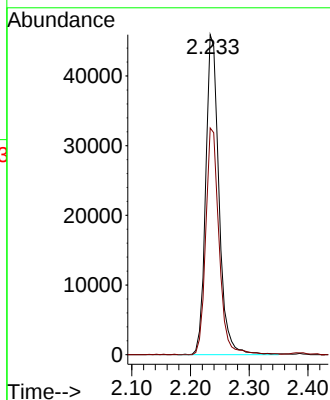
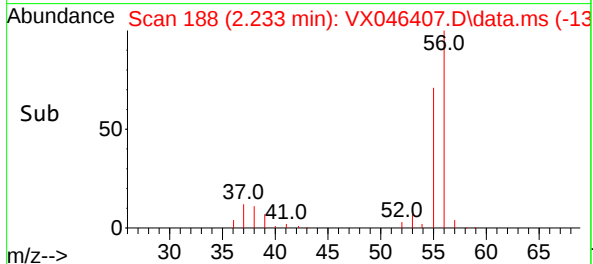
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 72033
Ion Ratio Lower Upper
56 100
55 71.2 56.2 84.4

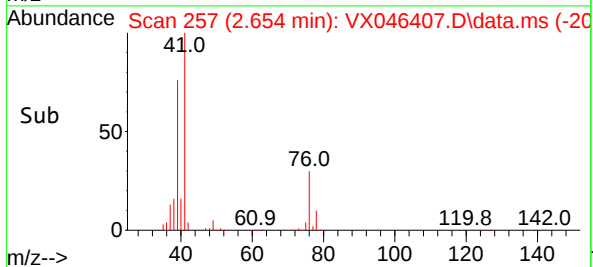
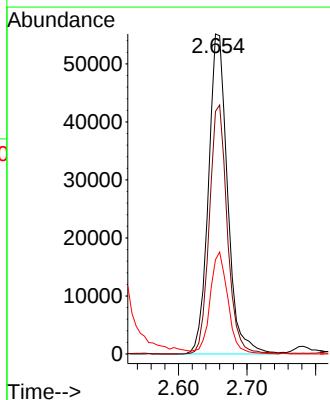
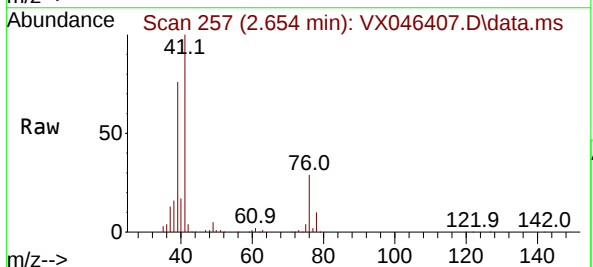
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#14
Allyl chloride
Concen: 58.550 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

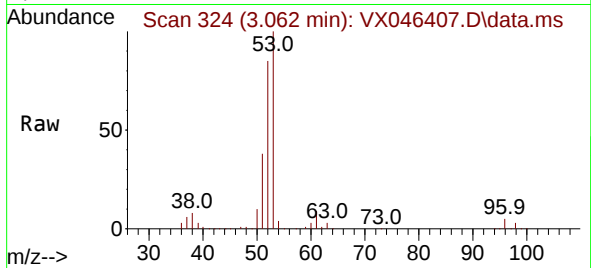
Tgt Ion: 41 Resp: 106875
Ion Ratio Lower Upper
41 100
39 73.1 60.6 90.8
76 29.7 24.9 37.3





#15
Acrylonitrile
Concen: 300.624 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

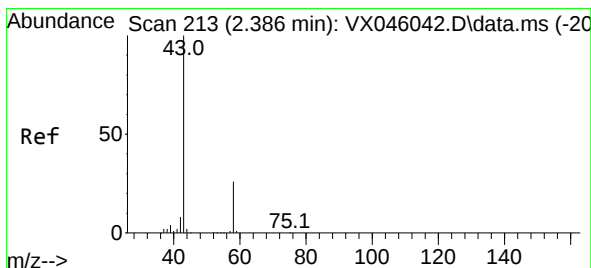
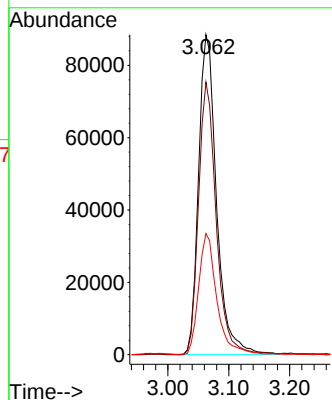
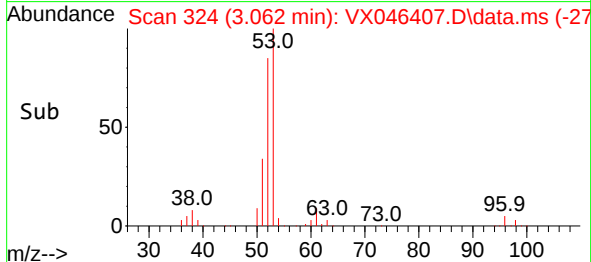
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 181198
Ion Ratio Lower Upper
53 100
52 84.5 65.3 97.9
51 38.4 29.8 44.8

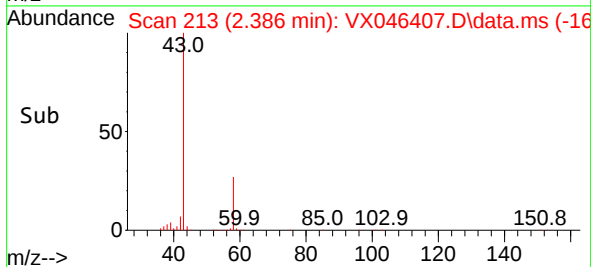
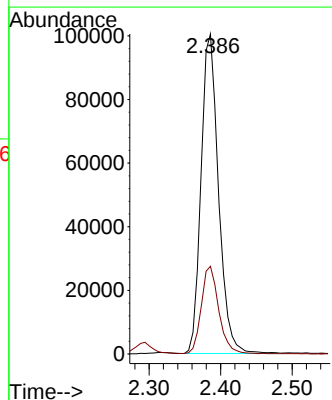
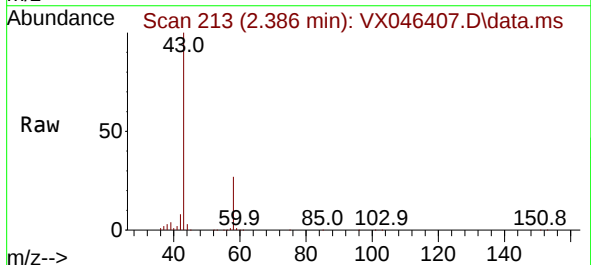
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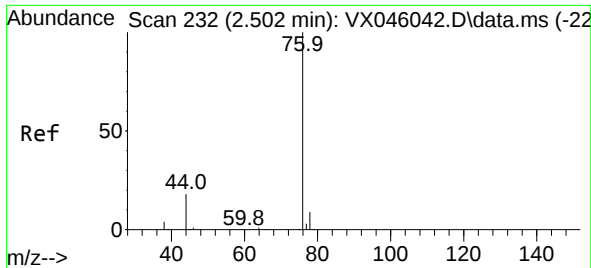
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#16
Acetone
Concen: 282.989 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion: 43 Resp: 170388
Ion Ratio Lower Upper
43 100
58 27.3 21.2 31.8





#17

Carbon Disulfide

Concen: 52.291 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046407.D

Acq: 29 May 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11840

Ion Ratio Lower Upper

76 100

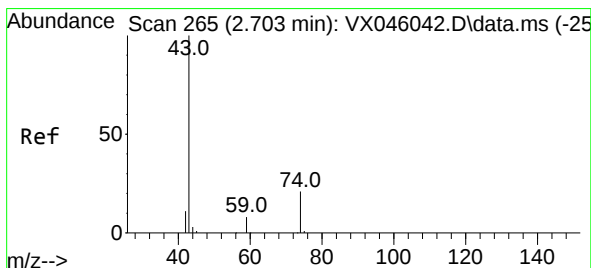
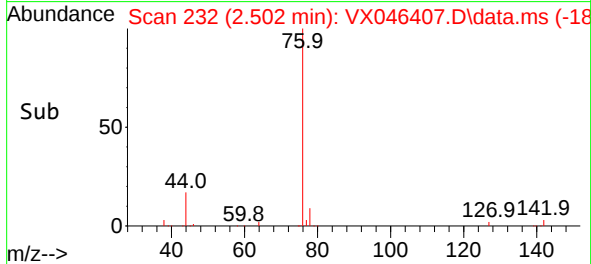
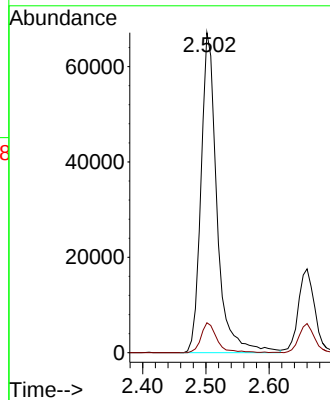
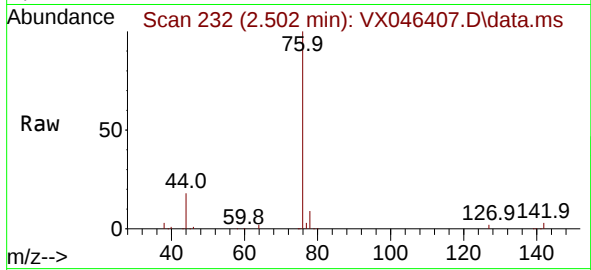
78 9.3 7.0 10.4

Manual Integrations

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Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#18

Methyl Acetate

Concen: 72.264 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046407.D

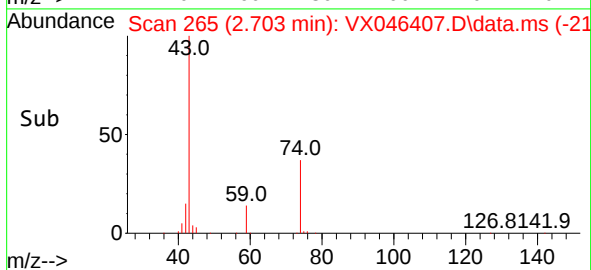
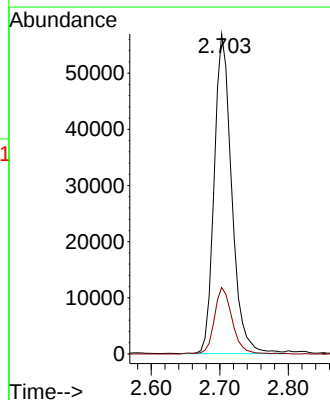
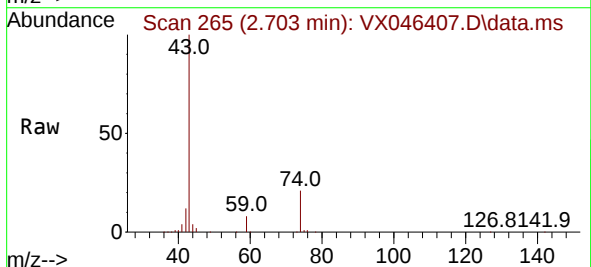
Acq: 29 May 2025 18:17

Tgt Ion: 43 Resp: 100967

Ion Ratio Lower Upper

43 100

74 21.3 16.7 25.1





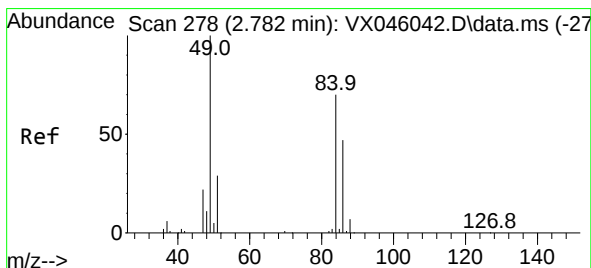
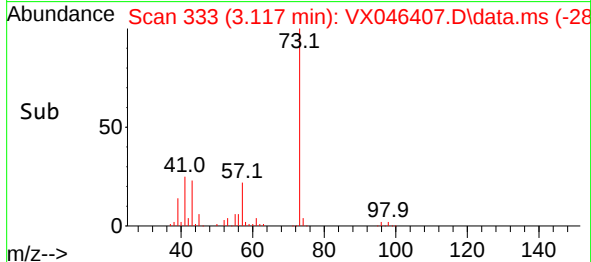
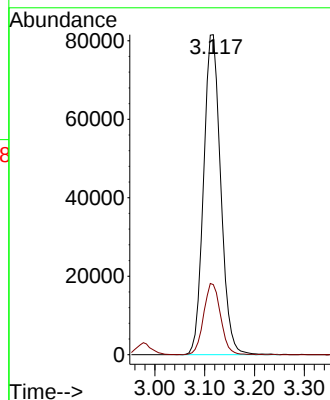
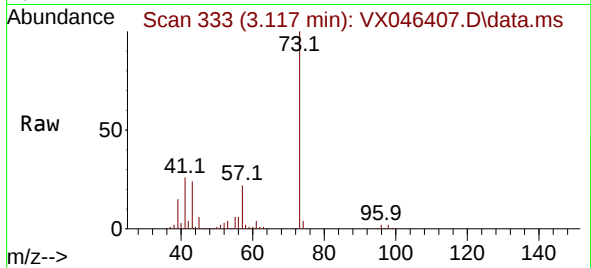
#19
Methyl tert-butyl Ether
Concen: 58.065 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 19443
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

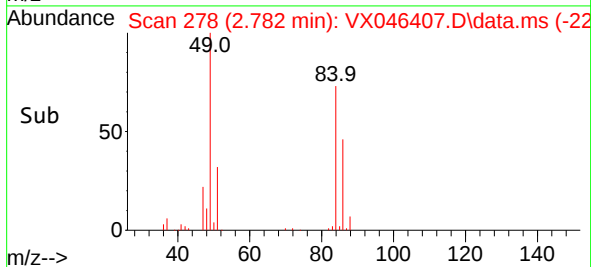
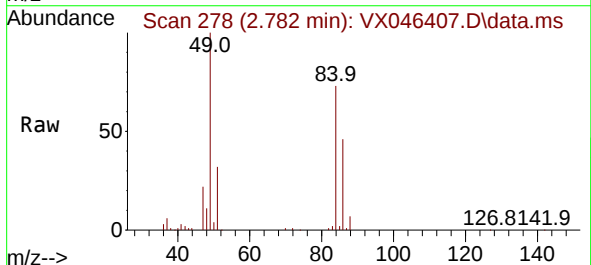
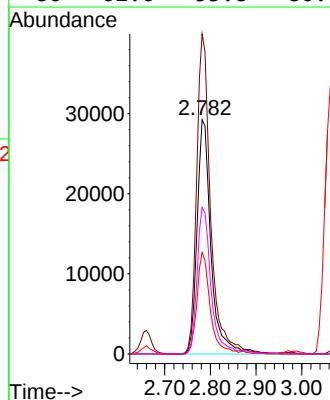
Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#20
Methylene Chloride
Concen: 53.574 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

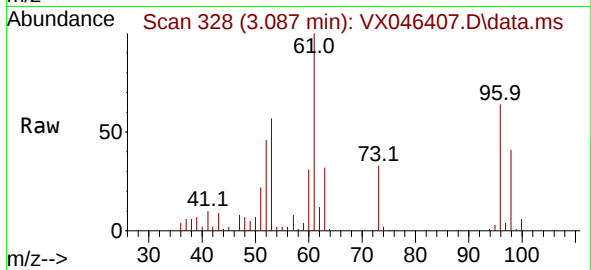
Tgt Ion: 84 Resp: 61815
Ion Ratio Lower Upper
84 100
49 136.6 113.9 170.9
51 43.3 33.5 50.3
86 62.6 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 54.738 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

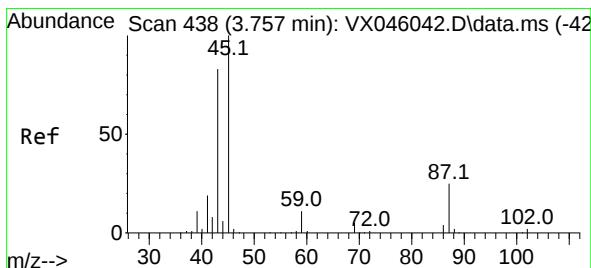
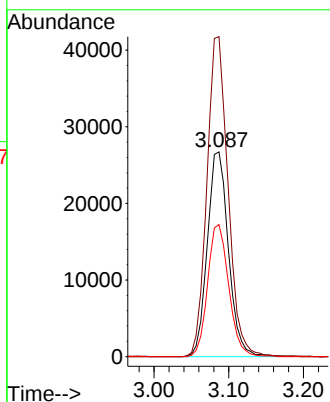
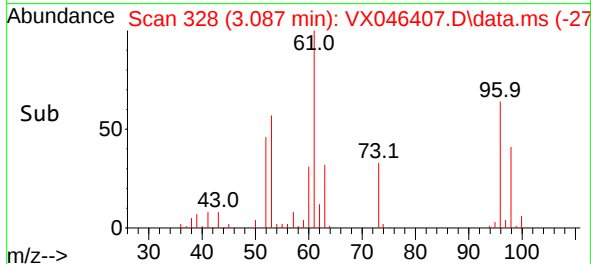
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 52570
Ion Ratio Lower Upper
96 100
61 156.3 119.5 179.3
98 64.6 50.0 75.0

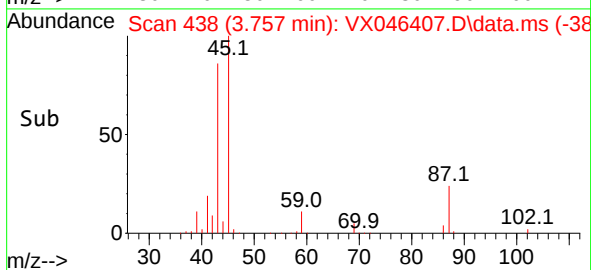
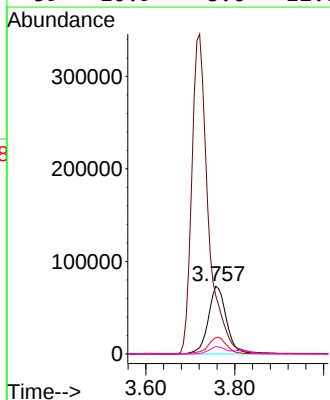
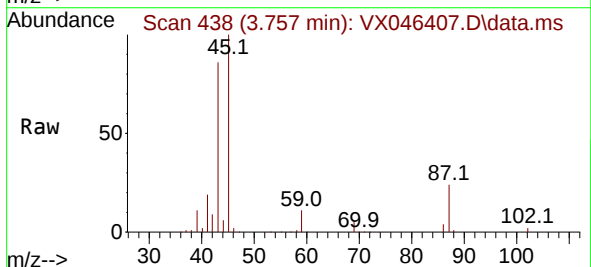
Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#22
Diisopropyl ether
Concen: 59.029 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

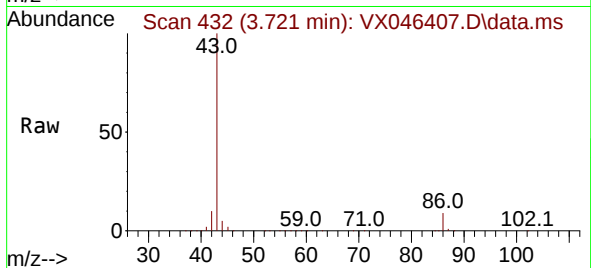
Tgt Ion: 45 Resp: 208134
Ion Ratio Lower Upper
45 100
43 86.0 66.6 100.0
87 24.2 19.8 29.6
59 10.9 8.6 12.8





#23
 Vinyl Acetate
 Concen: 288.329 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046407.D
 Acq: 29 May 2025 18:17

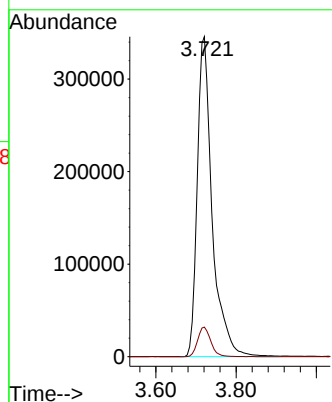
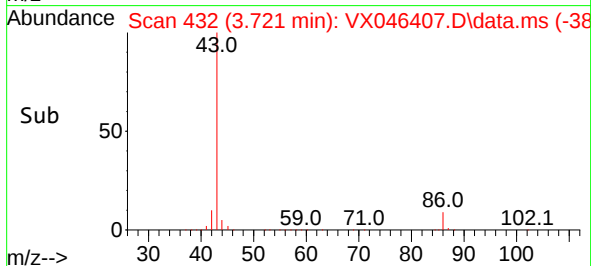
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



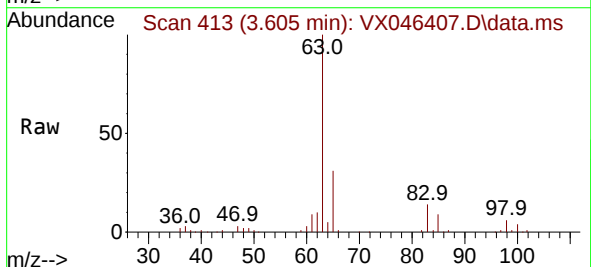
Tgt Ion: 43 Resp: 89416
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

Manual Integrations
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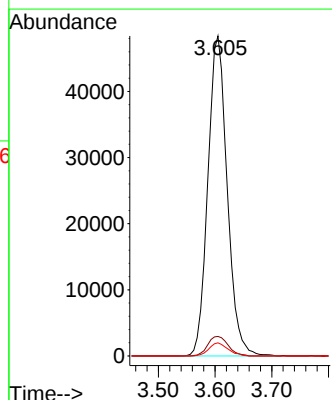
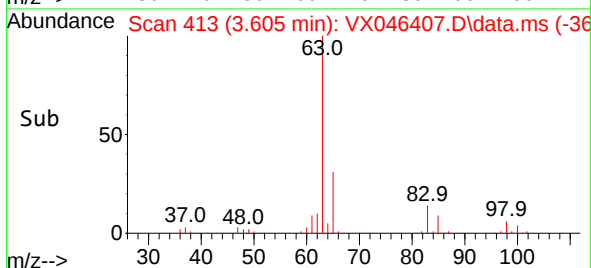
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

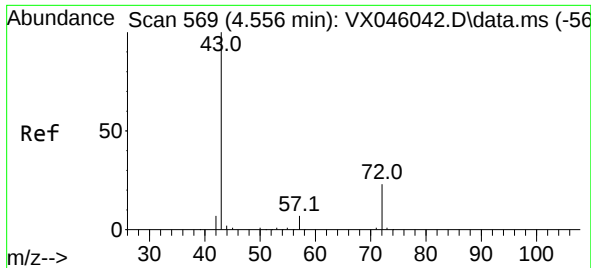


#24
 1,1-Dichloroethane
 Concen: 58.264 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046407.D
 Acq: 29 May 2025 18:17



Tgt Ion: 63 Resp: 114424
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.6 10.8
 100 4.1 2.1 6.3





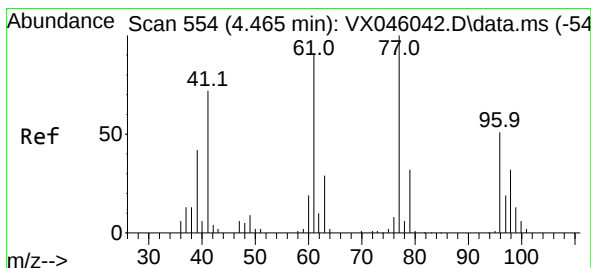
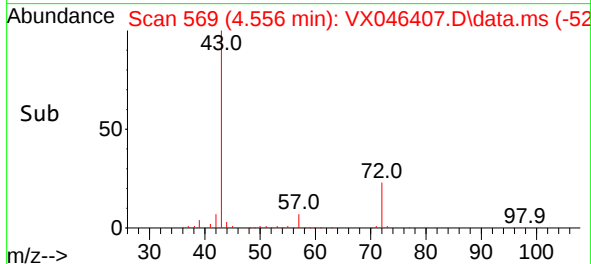
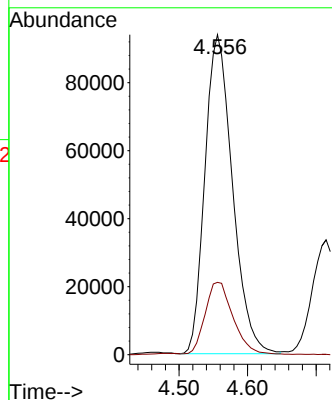
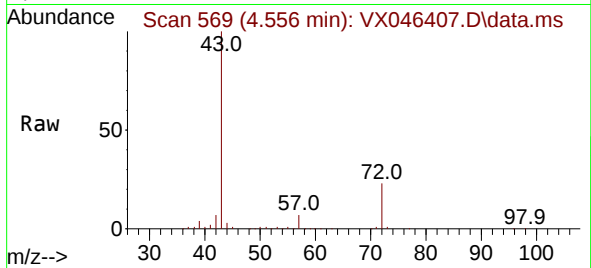
#25
2-Butanone
Concen: 300.168 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 26238
Ion Ratio Lower Upper
43 100
72 22.4 18.4 27.6

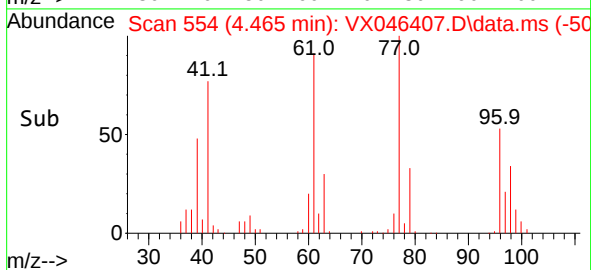
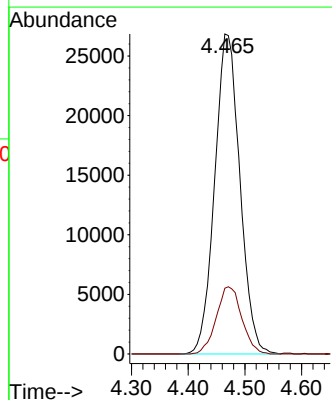
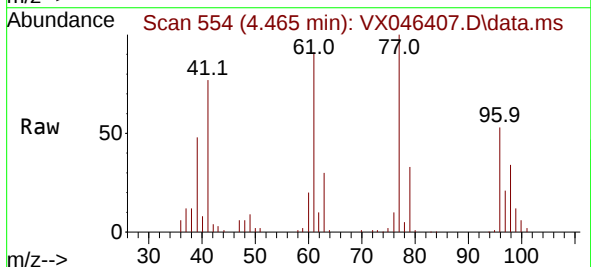
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#26
2,2-Dichloropropane
Concen: 53.861 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

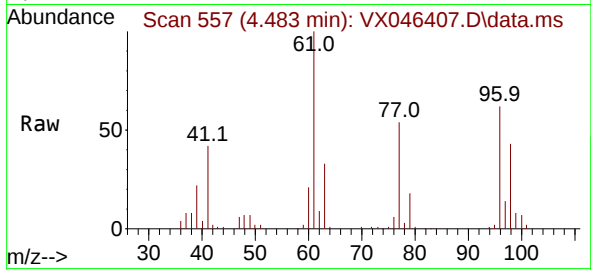
Tgt Ion: 77 Resp: 82792
Ion Ratio Lower Upper
77 100
97 21.3 10.5 31.5





#27
cis-1,2-Dichloroethene
Concen: 57.114 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

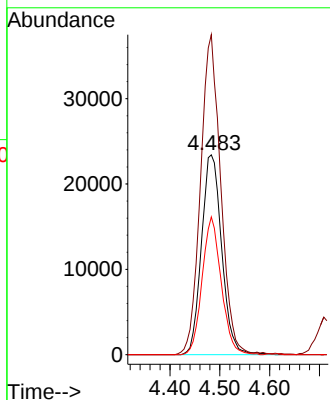
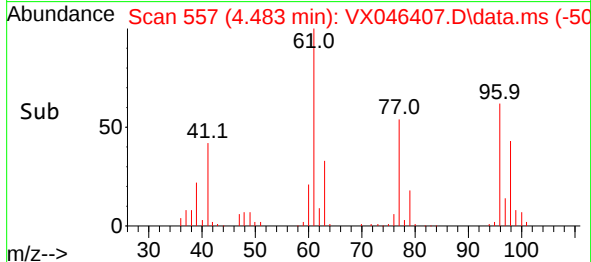
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 66040
Ion Ratio Lower Upper
96 100
61 159.4 0.0 322.8
98 64.9 0.0 129.0

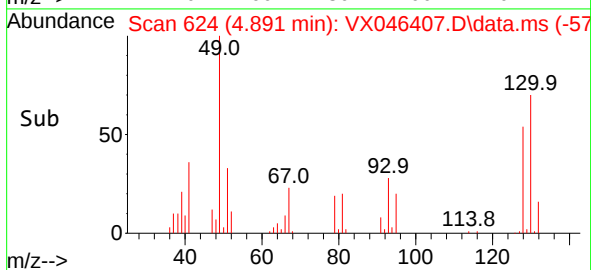
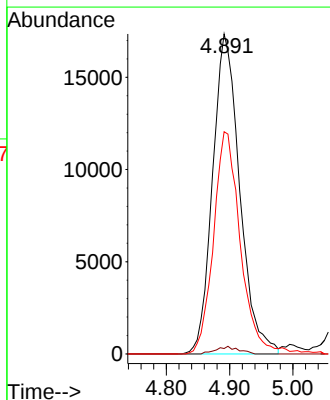
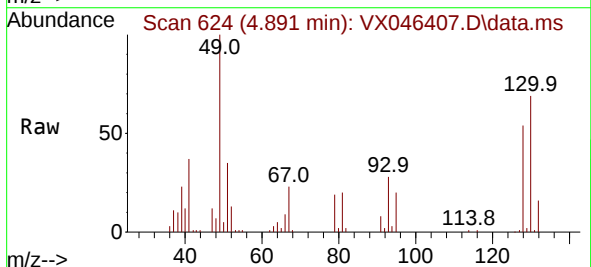
Manual Integrations
APPROVED

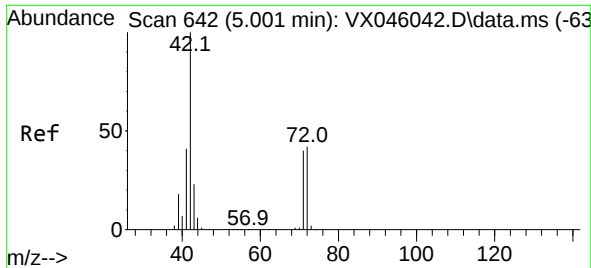
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#28
Bromochloromethane
Concen: 54.620 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

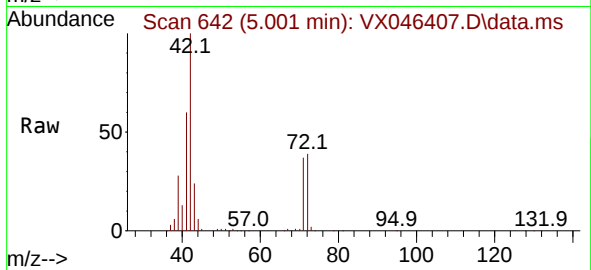
Tgt Ion: 49 Resp: 51633
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 69.3 56.2 84.2





#29
Tetrahydrofuran
Concen: 301.266 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

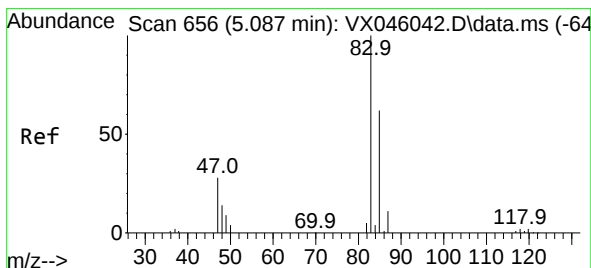
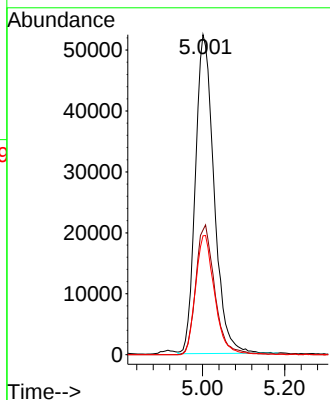
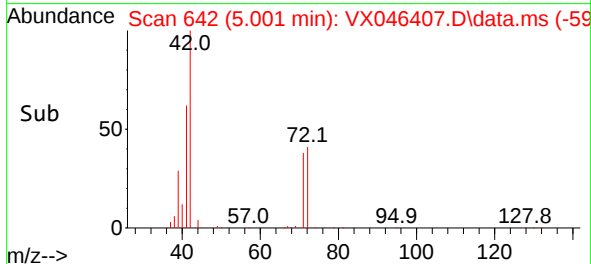
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 16501
Ion Ratio Lower Upper
42 100
72 41.3 33.7 50.5
71 38.0 31.4 47.2

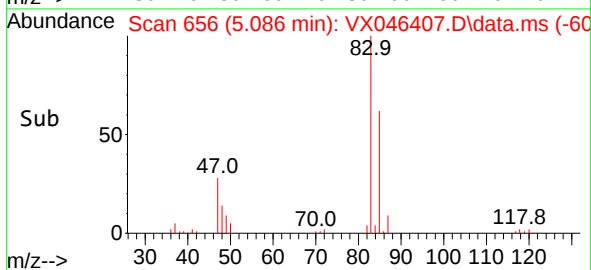
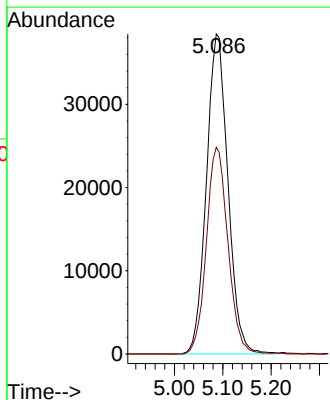
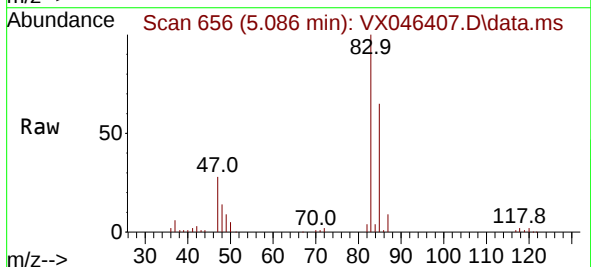
Manual Integrations
APPROVED

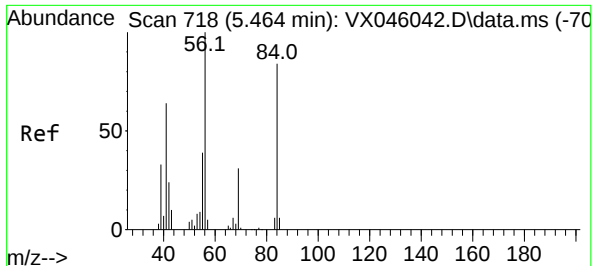
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#30
Chloroform
Concen: 58.030 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

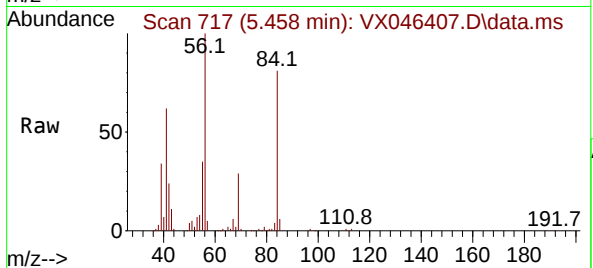
Tgt Ion: 83 Resp: 118785
Ion Ratio Lower Upper
83 100
85 64.6 49.3 73.9





#31
Cyclohexane
Concen: 55.725 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

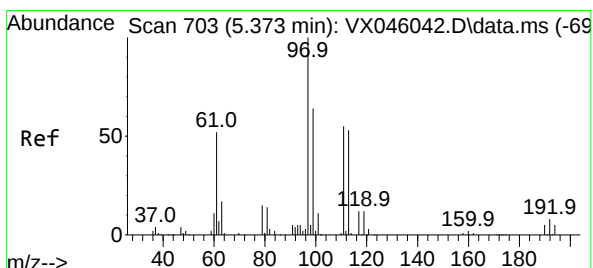
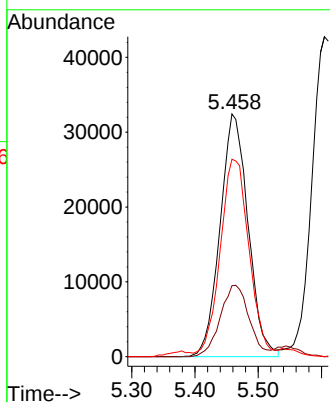
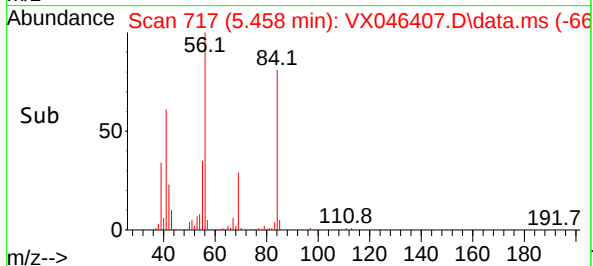
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 99720
Ion Ratio Lower Upper
56 100
69 29.2 24.4 36.6
84 79.4 66.9 100.3

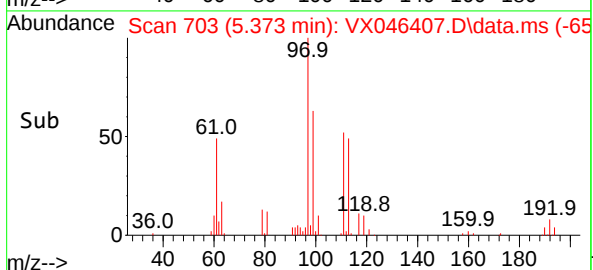
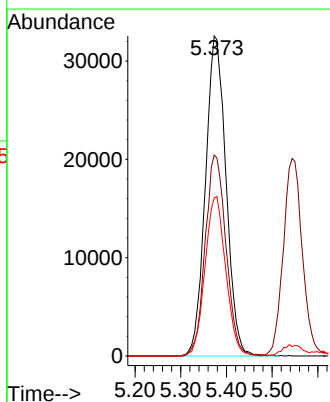
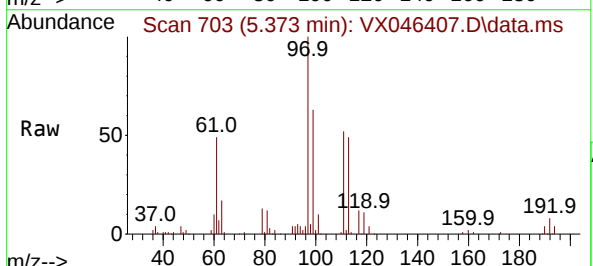
Manual Integrations
APPROVED

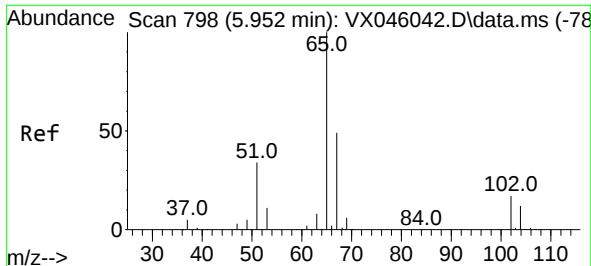
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#32
1,1,1-Trichloroethane
Concen: 57.450 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion: 97 Resp: 101940
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 50.3 40.1 60.1





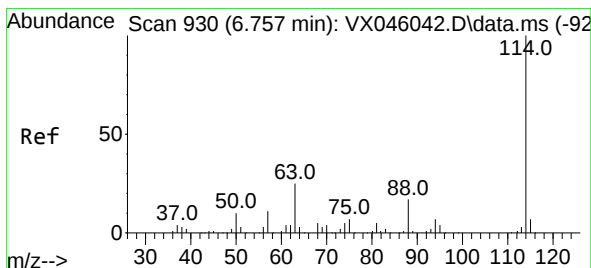
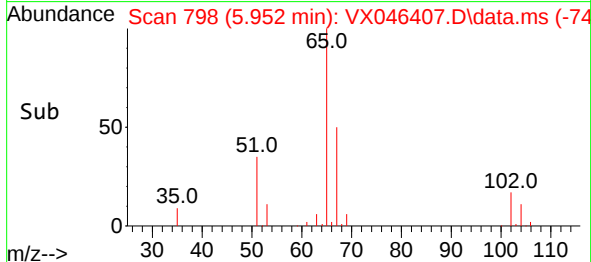
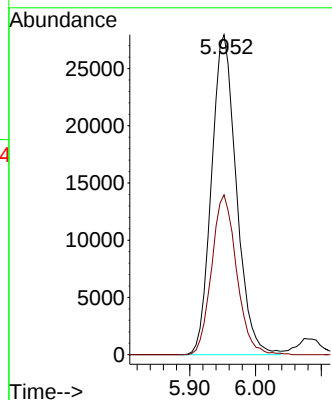
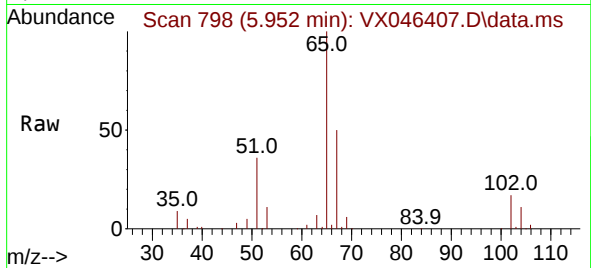
#33
 1,2-Dichloroethane-d4
 Concen: 49.001 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046407.D
 Acq: 29 May 2025 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 7358
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.0

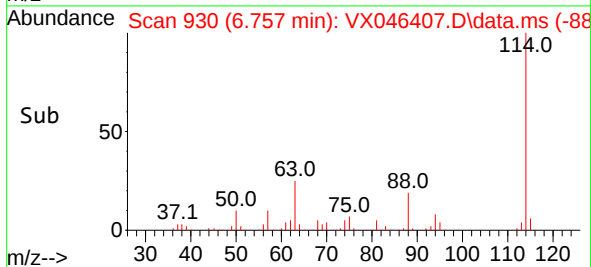
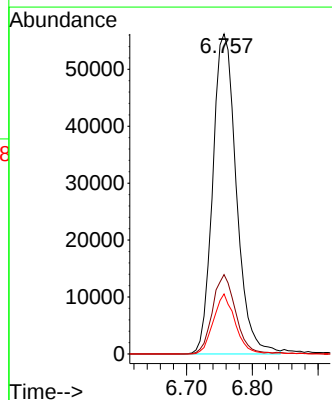
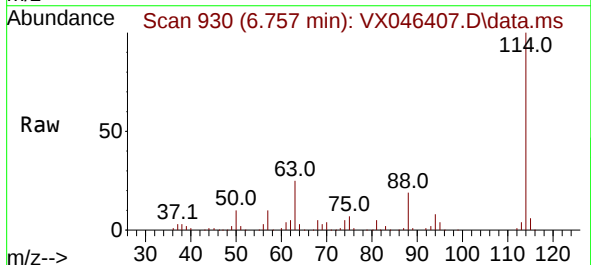
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046407.D
 Acq: 29 May 2025 18:17

Tgt Ion:114 Resp: 140488
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 18.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.426 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046407.D

Acq: 29 May 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

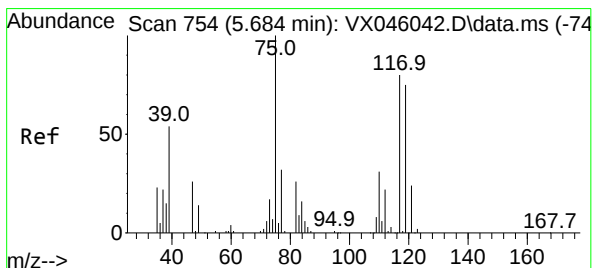
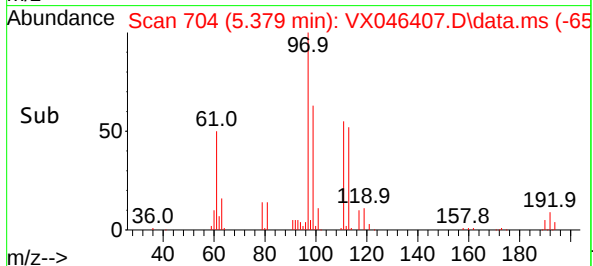
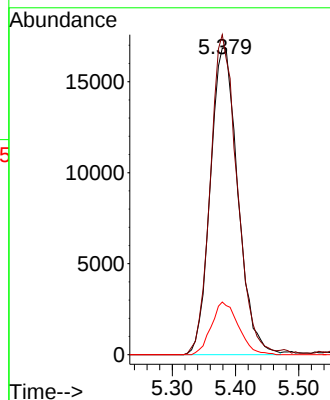
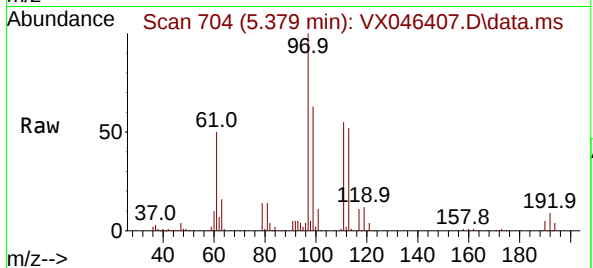
Tgt Ion:	113	Resp:	51014
Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.1	124.7
192	16.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#36

1,1-Dichloropropene

Concen: 55.837 ug/l

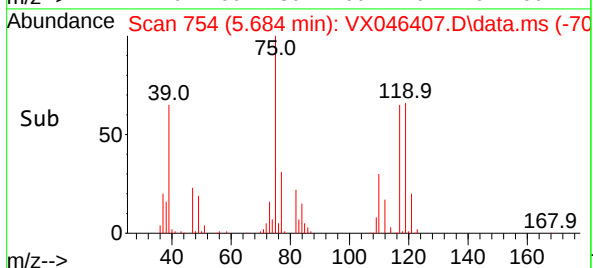
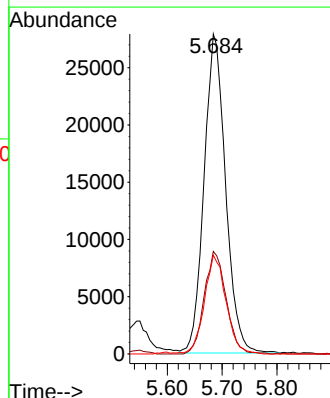
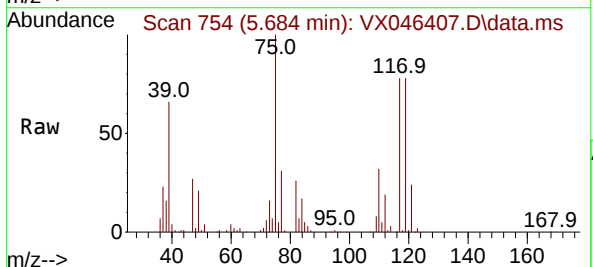
RT: 5.684 min Scan# 754

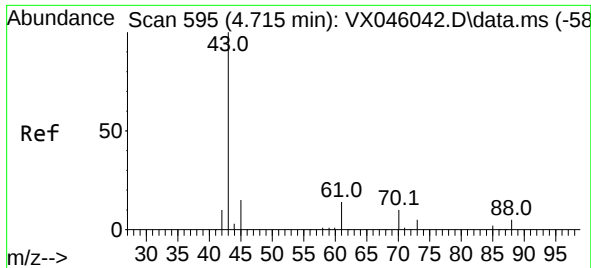
Delta R.T. -0.000 min

Lab File: VX046407.D

Acq: 29 May 2025 18:17

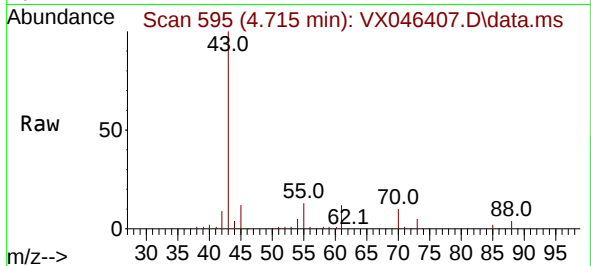
Tgt Ion:	75	Resp:	75897
Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.3	48.9
77	31.1	24.3	36.5





#37
Ethyl Acetate
Concen: 56.647 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

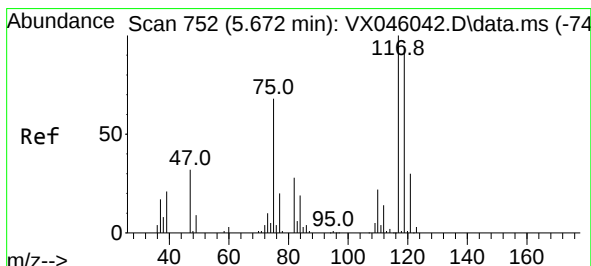
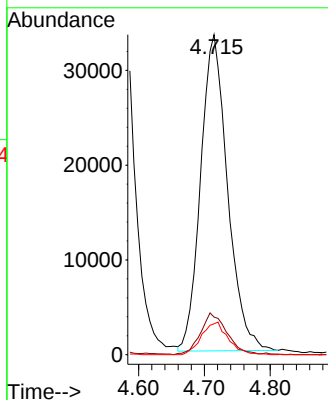
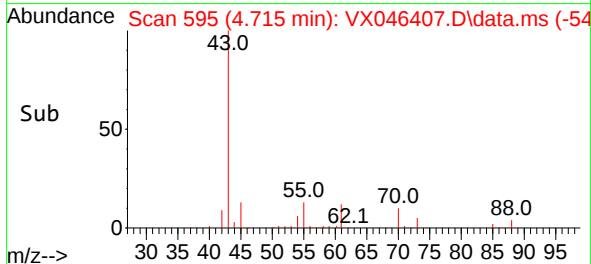
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



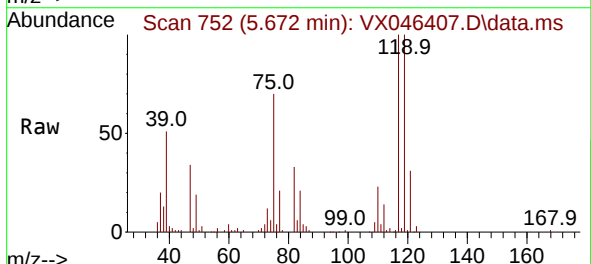
Tgt Ion: 43 Resp: 9513
Ion Ratio Lower Upper
43 100
61 12.9 10.3 15.5
70 10.1 7.9 11.9

Manual Integrations
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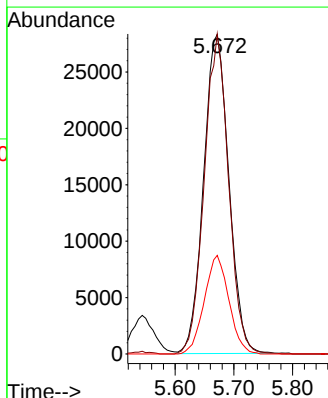
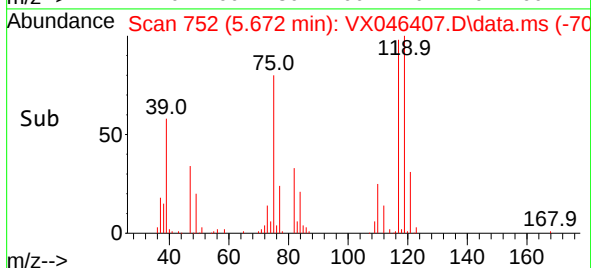
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

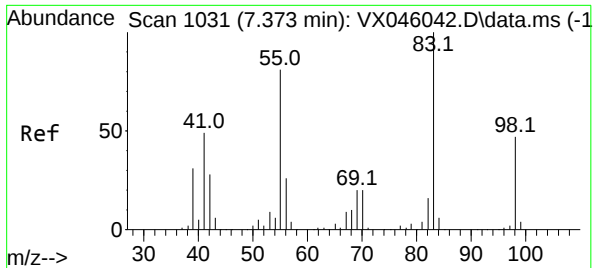


#38
Carbon Tetrachloride
Concen: 55.342 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17



Tgt Ion:117 Resp: 84521
Ion Ratio Lower Upper
117 100
119 100.2 75.2 112.8
121 30.9 24.2 36.4





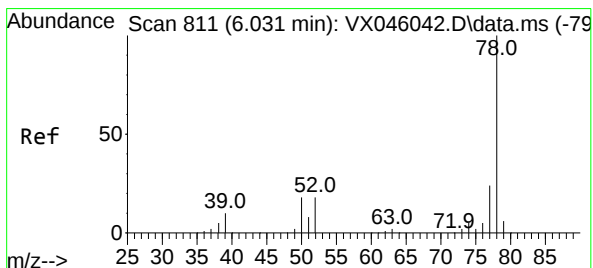
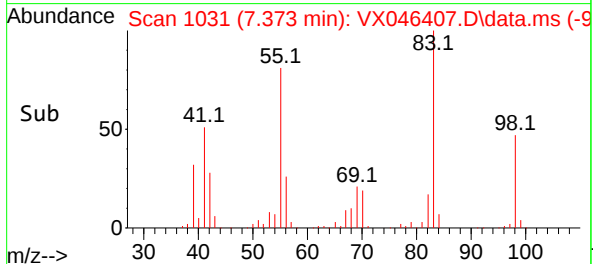
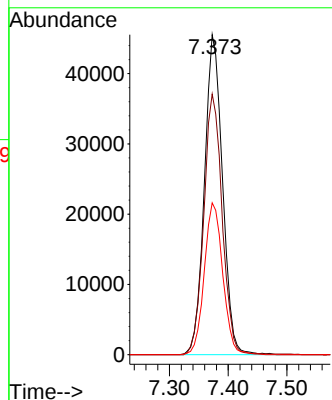
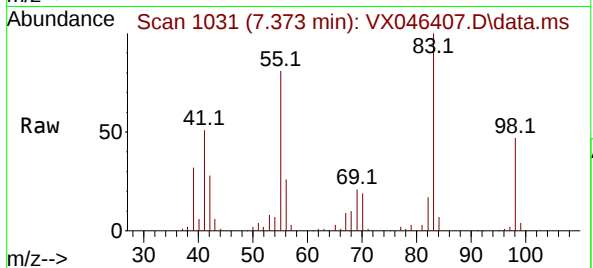
#39
Methylcyclohexane
Concen: 55.668 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 97410
Ion Ratio Lower Upper
83 100
55 81.4 64.7 97.1
98 47.5 37.4 56.2

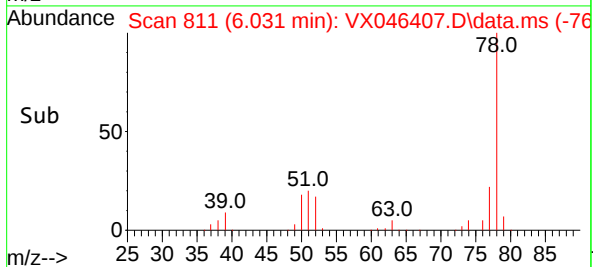
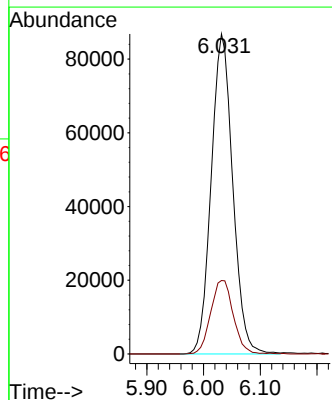
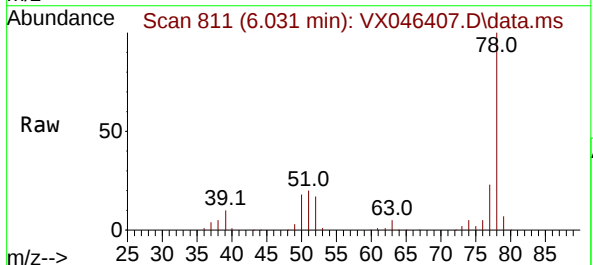
Manual Integrations
APPROVED

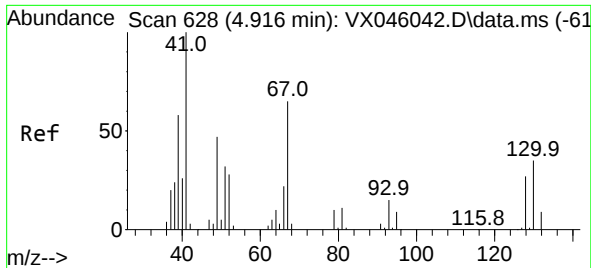
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#40
Benzene
Concen: 57.477 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion: 78 Resp: 228842
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4





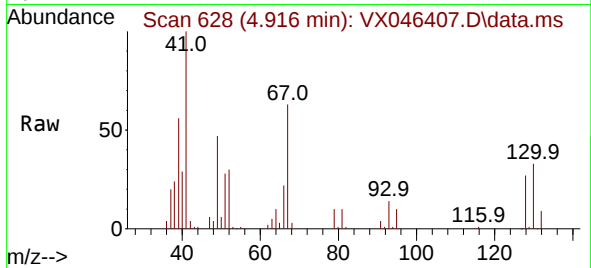
#41
Methacrylonitrile
Concen: 64.354 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



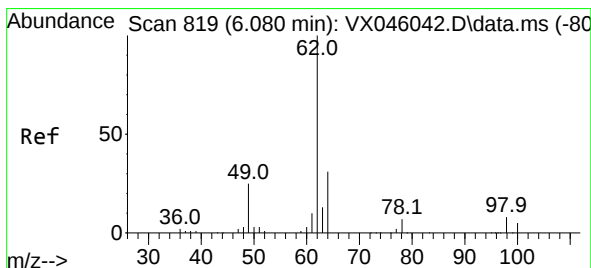
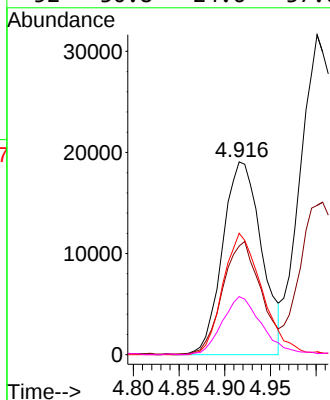
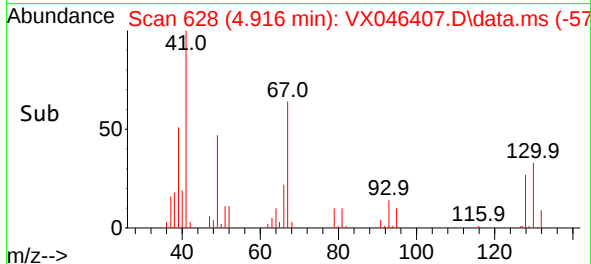
Tgt Ion: 41 Resp: 5653
Ion Ratio Lower Upper
41 100
39 57.2 47.2 70.8
67 64.0 50.7 76.1
52 30.8 24.6 37.0

Manual Integrations

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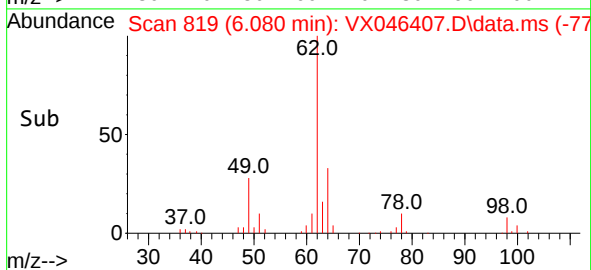
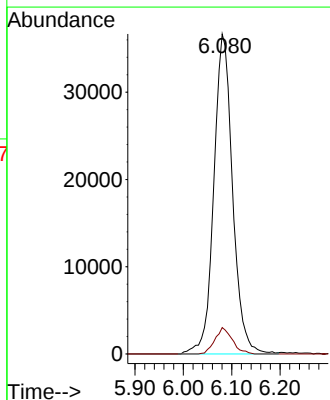
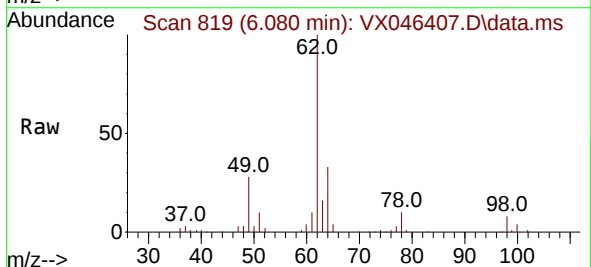
Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#42
1,2-Dichloroethane
Concen: 57.572 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

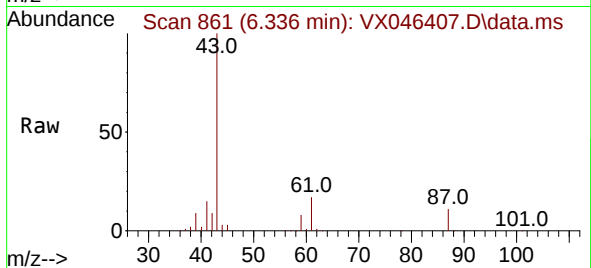
Tgt Ion: 62 Resp: 98928
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43
Isopropyl Acetate
Concen: 60.811 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

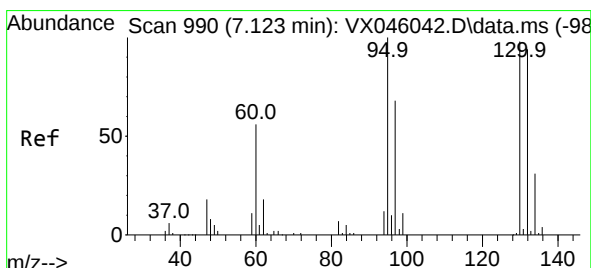
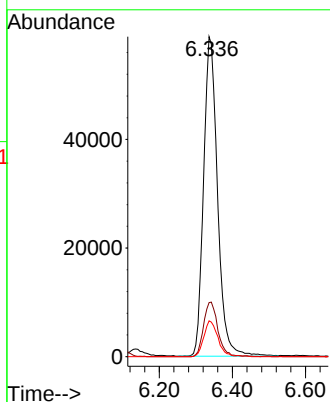
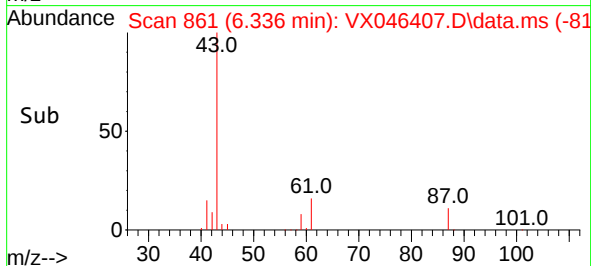
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 155790
Ion Ratio Lower Upper
43 100
61 17.6 14.3 21.5
87 11.2 9.5 14.3

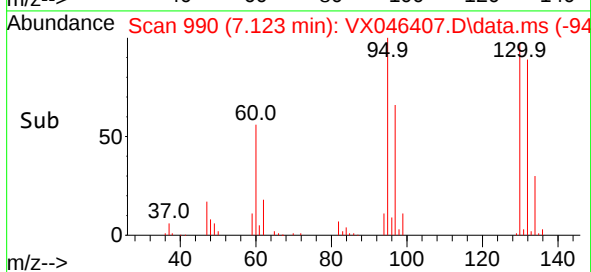
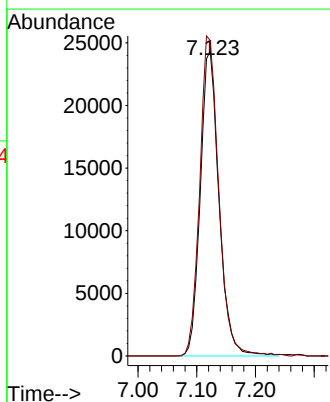
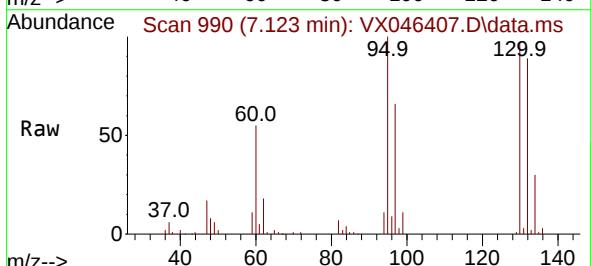
Manual Integrations
APPROVED

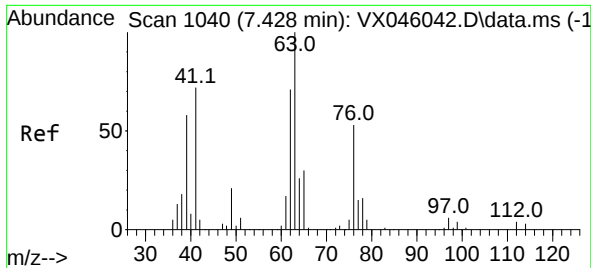
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#44
Trichloroethene
Concen: 56.244 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion:130 Resp: 53896
Ion Ratio Lower Upper
130 100
95 103.5 0.0 204.2





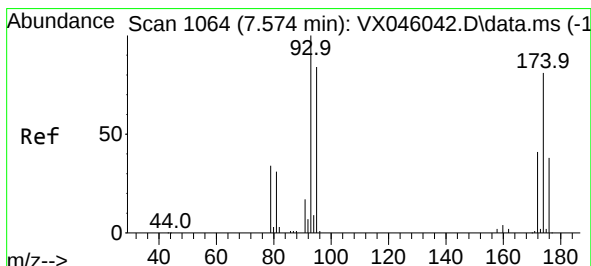
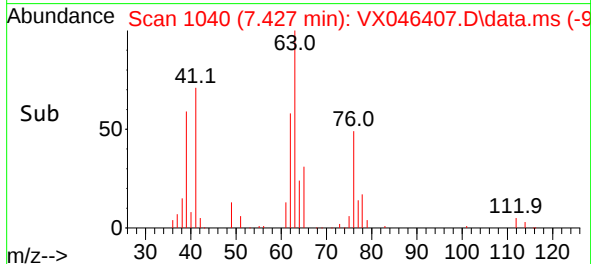
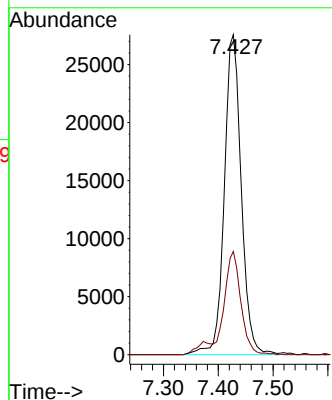
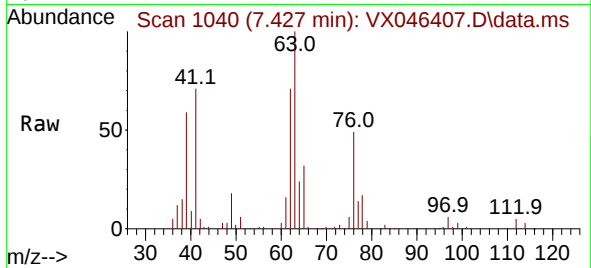
#45
1,2-Dichloropropane
Concen: 60.018 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 59418
Ion Ratio Lower Upper
63 100
65 32.3 24.1 36.1

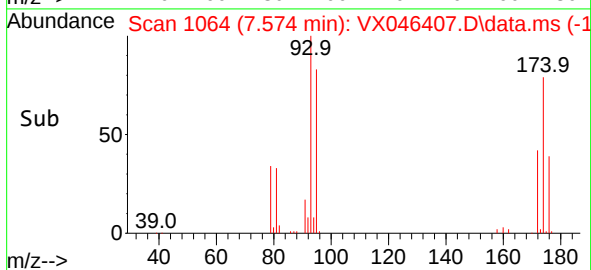
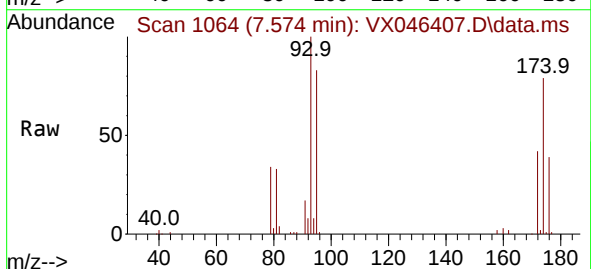
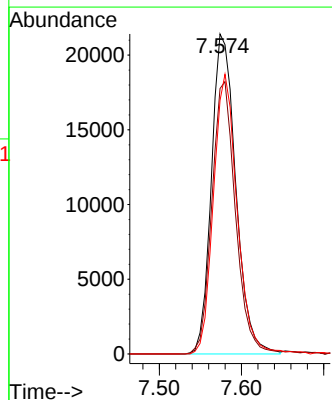
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#46
Dibromomethane
Concen: 56.496 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion: 93 Resp: 44114
Ion Ratio Lower Upper
93 100
95 83.1 65.6 98.4
174 85.3 68.2 102.2





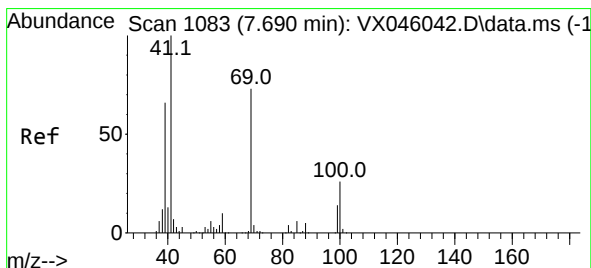
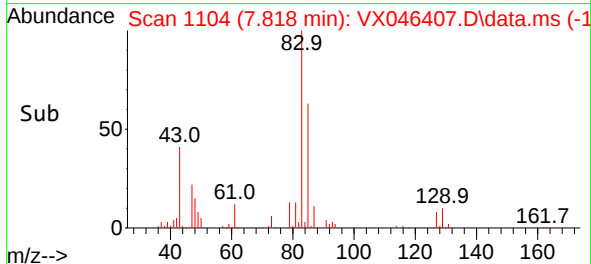
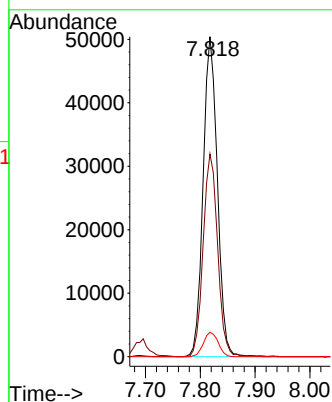
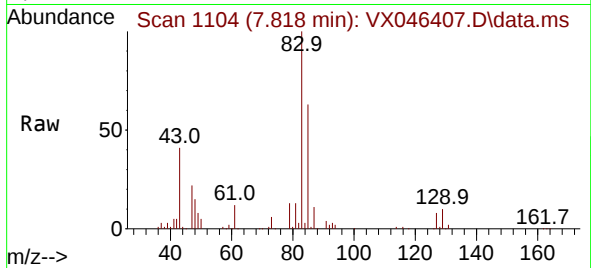
#47
Bromodichloromethane
Concen: 59.107 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 90900
Ion Ratio Lower Upper
83 100
85 63.4 50.5 75.7
127 7.7 6.5 9.7

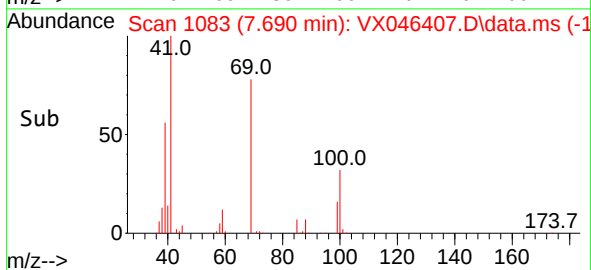
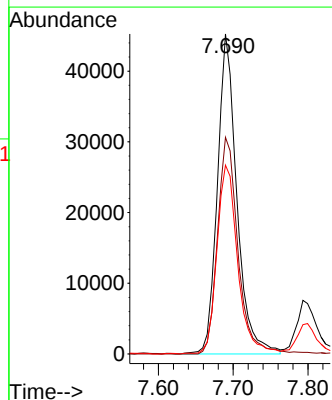
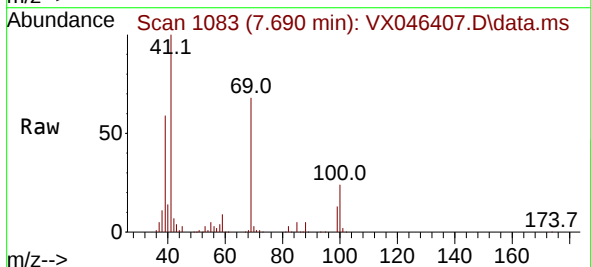
Manual Integrations
APPROVED

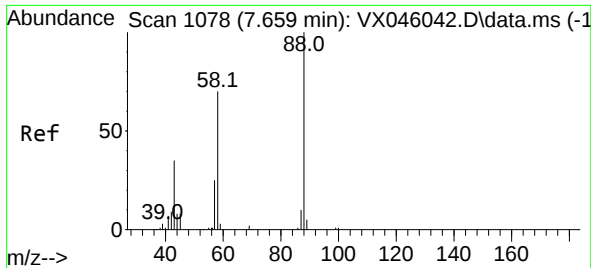
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#48
Methyl methacrylate
Concen: 62.563 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

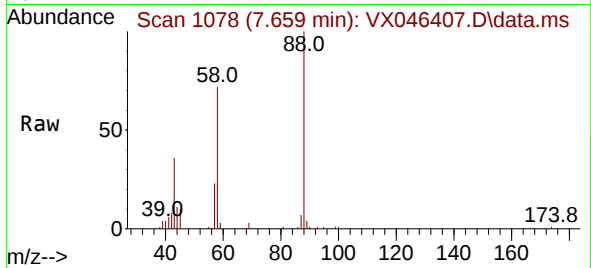
Tgt Ion: 41 Resp: 81859
Ion Ratio Lower Upper
41 100
69 71.5 58.5 87.7
39 63.1 51.7 77.5





#49
1,4-Dioxane
Concen: 1137.640 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

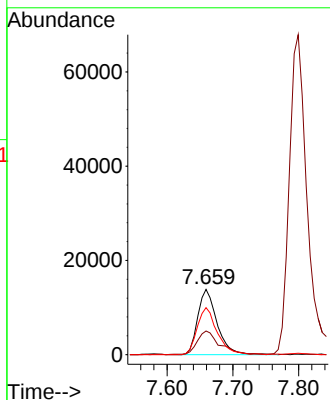
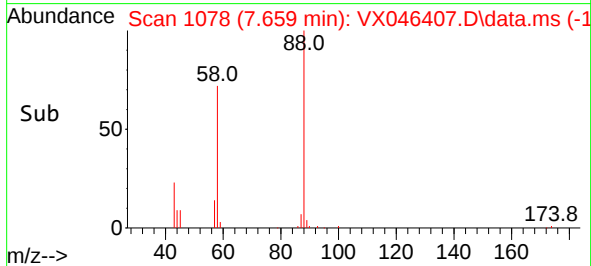
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2826
Ion Ratio Lower Upper
88 100
43 42.9 33.4 50.2
58 74.6 58.6 88.0

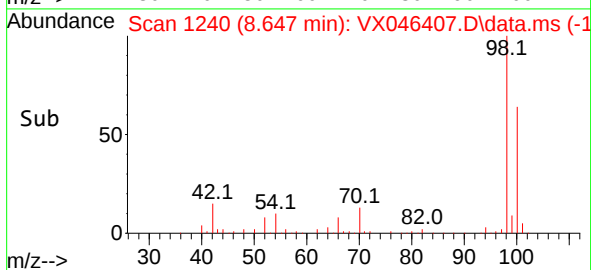
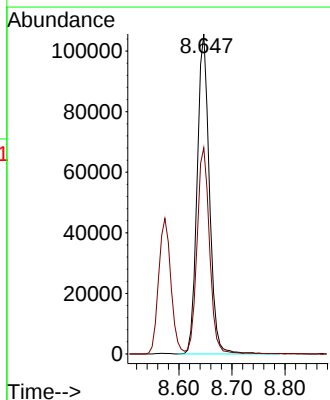
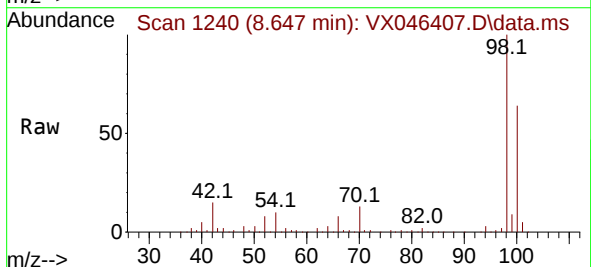
Manual Integrations
APPROVED

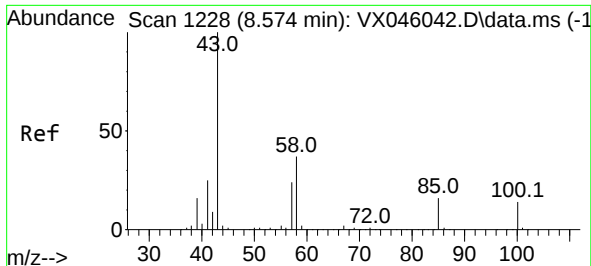
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#50
Toluene-d8
Concen: 48.421 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion: 98 Resp: 169545
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3





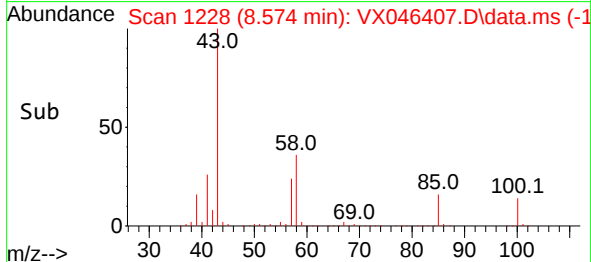
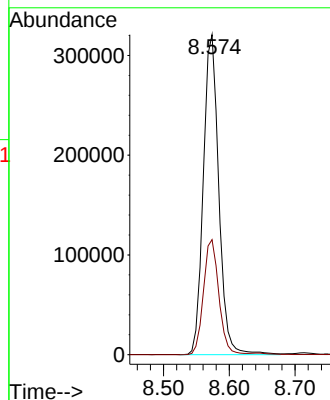
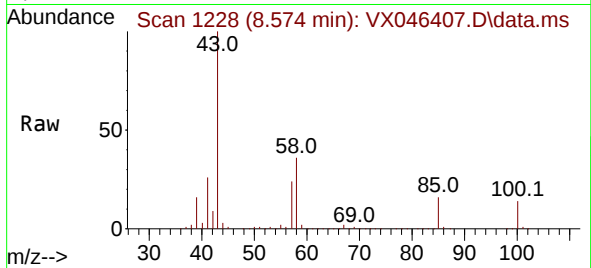
#51
4-Methyl-2-Pentanone
Concen: 308.689 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 524960
Ion Ratio Lower Upper
43 100
58 35.8 28.9 43.3

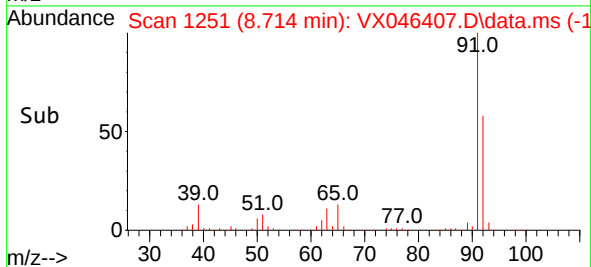
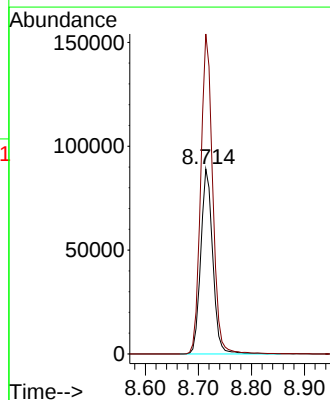
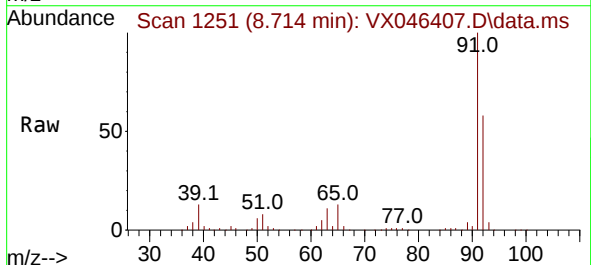
Manual Integrations
APPROVED

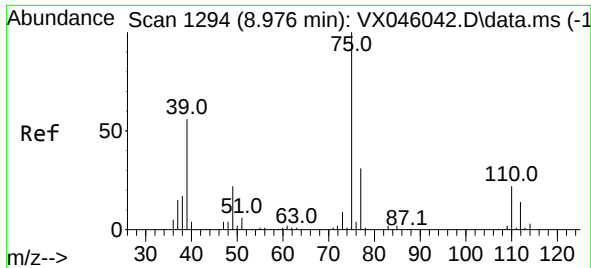
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#52
Toluene
Concen: 57.402 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion: 92 Resp: 140139
Ion Ratio Lower Upper
92 100
91 173.1 136.6 205.0





#53
 t-1,3-Dichloropropene
 Concen: 58.996 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX046407.D
 Acq: 29 May 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

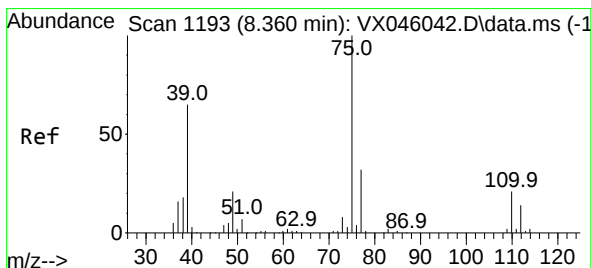
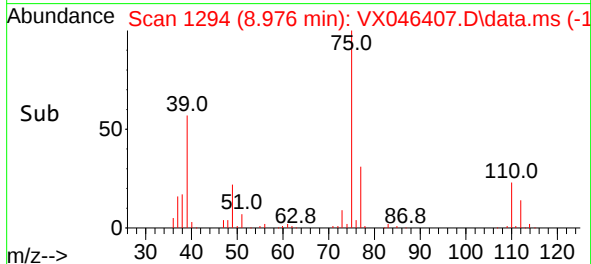
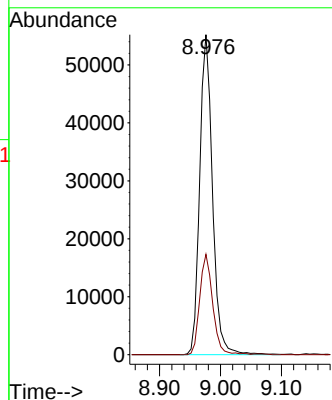
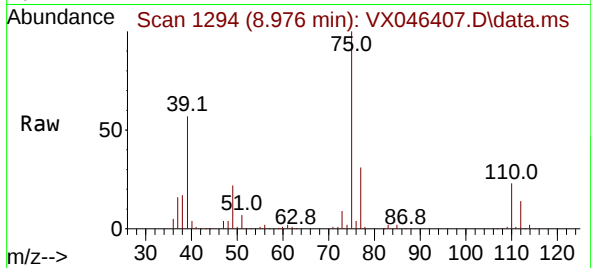
VSTDCCC050EC

Tgt Ion: 75 Resp: 8064
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6

Manual Integrations

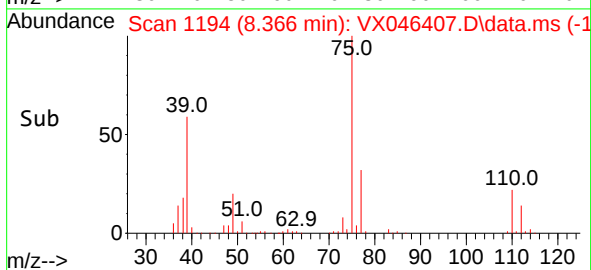
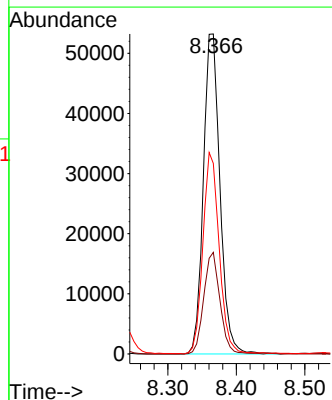
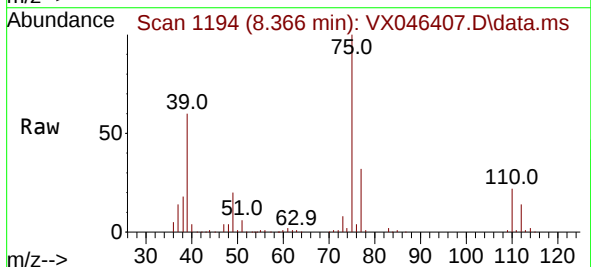
APPROVED

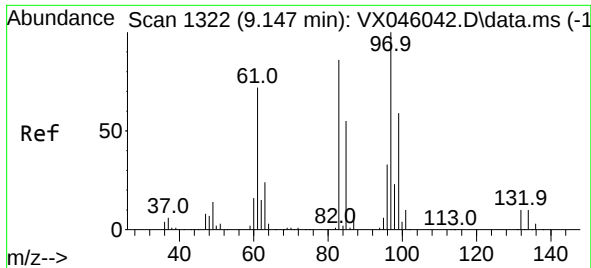
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#54
 cis-1,3-Dichloropropene
 Concen: 59.474 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX046407.D
 Acq: 29 May 2025 18:17

Tgt Ion: 75 Resp: 89855
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 59.4 52.2 78.4





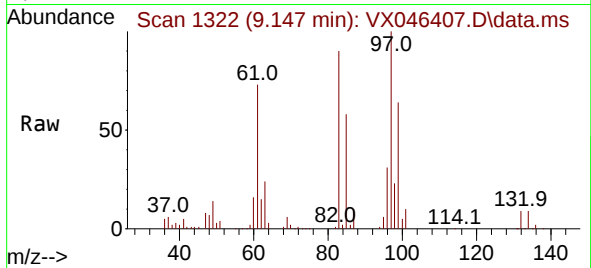
#55
1,1,2-Trichloroethane
Concen: 59.121 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



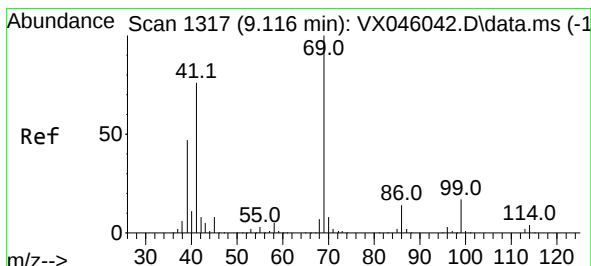
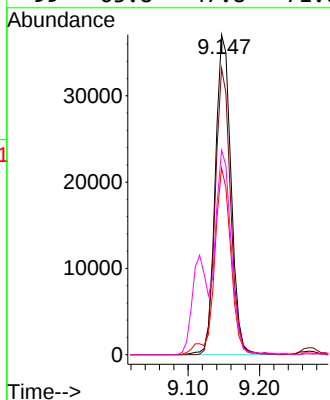
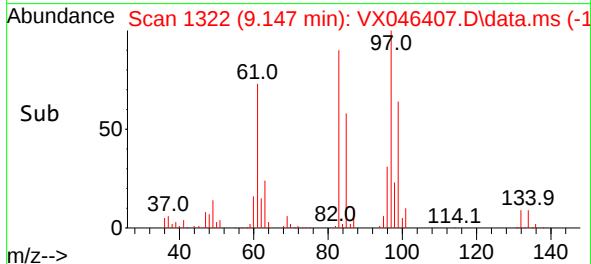
Tgt Ion: 97 Resp: 56912
Ion Ratio Lower Upper
97 100
83 89.6 69.0 103.6
85 58.3 44.3 66.5
99 63.8 47.8 71.6

Manual Integrations

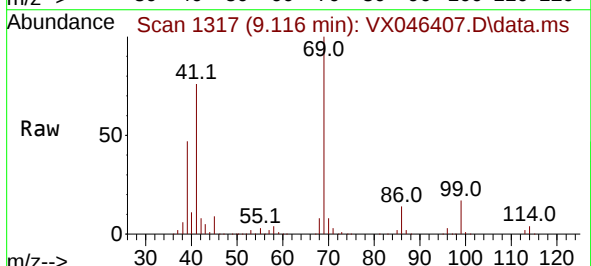
APPROVED

Reviewed By :John Carlone 05/30/2025

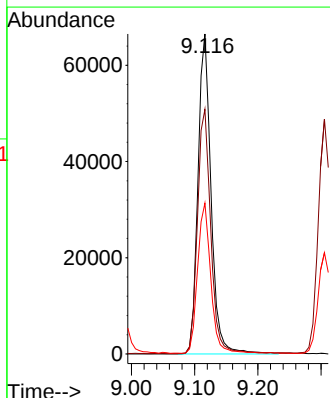
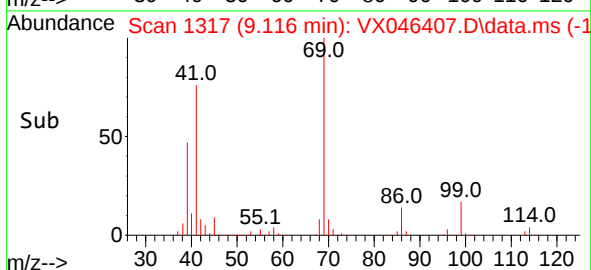
Supervised By :Mahesh Dadoda 05/30/2025

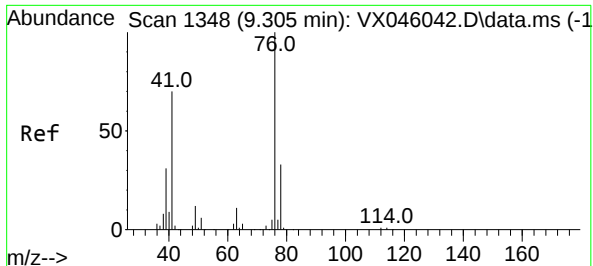


#56
Ethyl methacrylate
Concen: 62.660 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17



Tgt Ion: 69 Resp: 96135
Ion Ratio Lower Upper
69 100
41 78.3 60.8 91.2
39 47.3 39.0 58.6





#57

1,3-Dichloropropane

Concen: 58.167 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046407.D

Acq: 29 May 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 100560

Ion Ratio Lower Upper

76 100

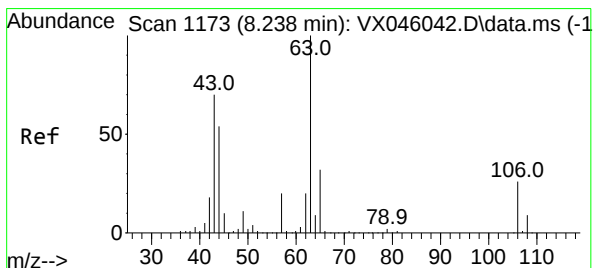
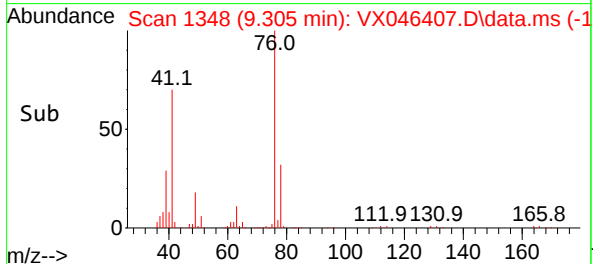
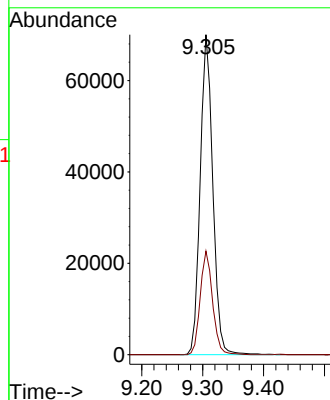
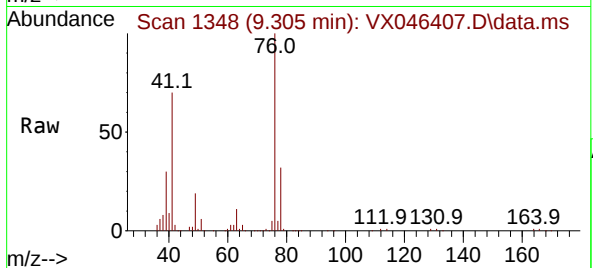
78 31.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 296.988 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046407.D

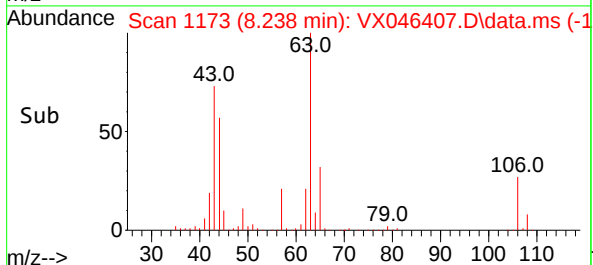
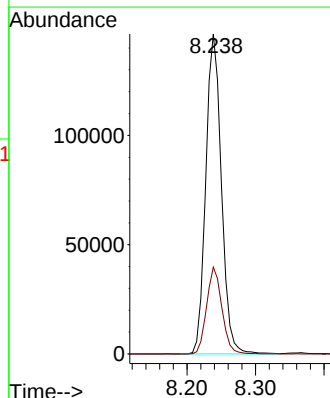
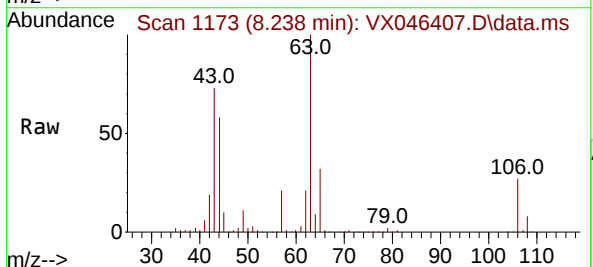
Acq: 29 May 2025 18:17

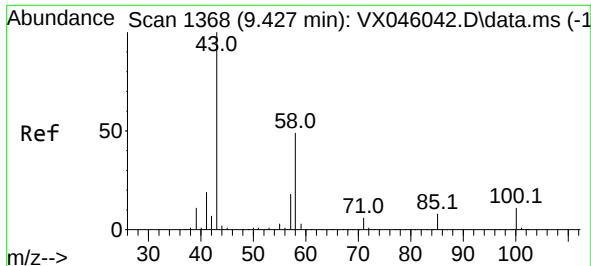
Tgt Ion: 63 Resp: 232296

Ion Ratio Lower Upper

63 100

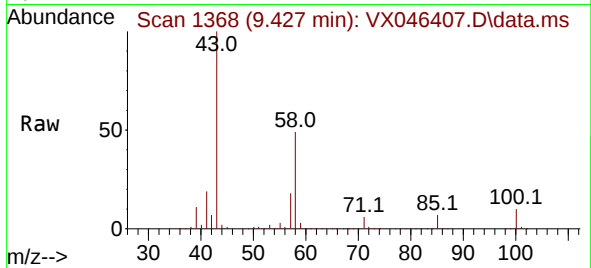
106 26.6 21.5 32.3





#59
2-Hexanone
Concen: 307.913 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

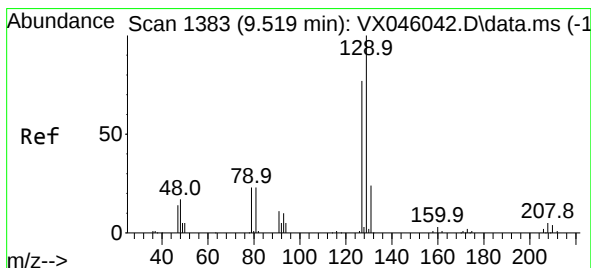
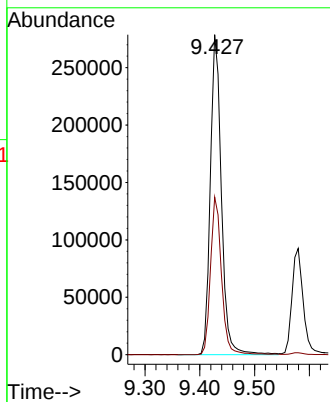
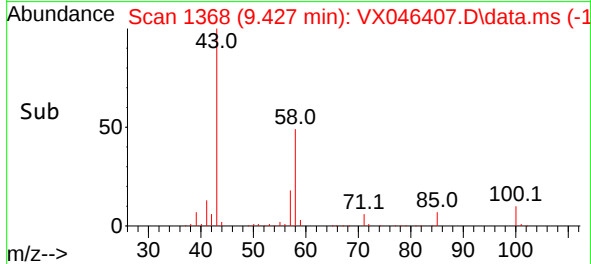
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 38740
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6

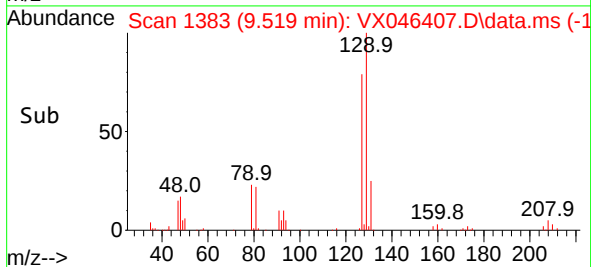
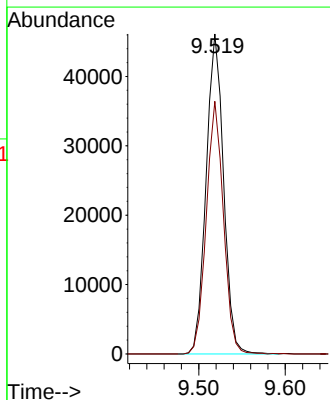
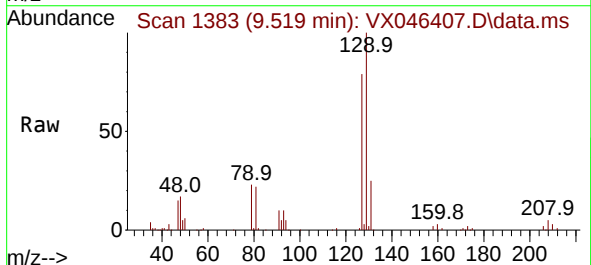
Manual Integrations
APPROVED

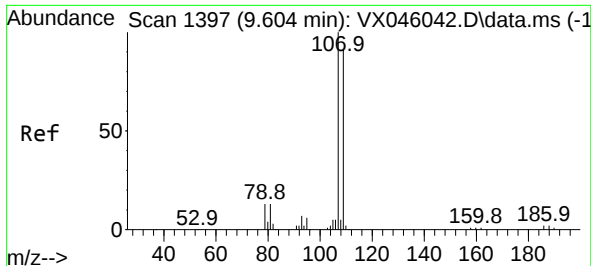
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#60
Dibromochloromethane
Concen: 61.084 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion:129 Resp: 64577
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





#61
1,2-Dibromoethane
Concen: 58.459 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

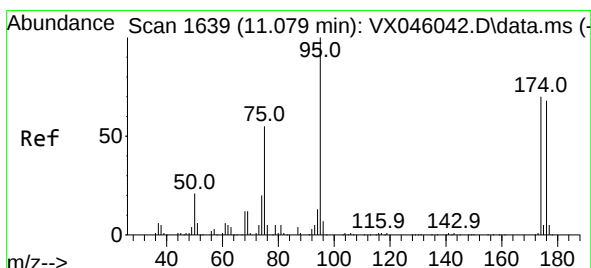
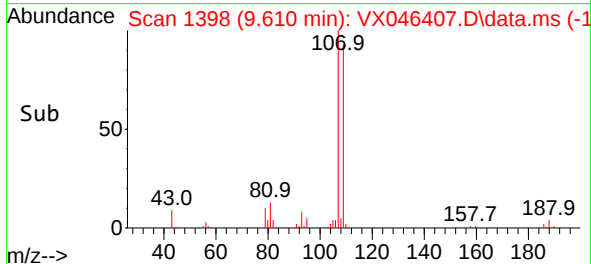
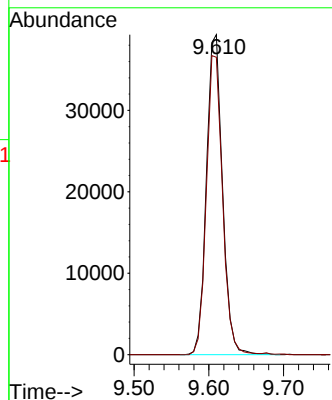
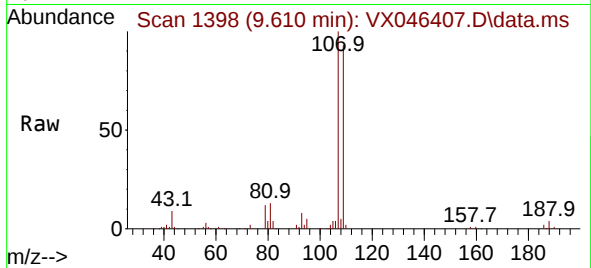
VSTDCCC050EC

Tgt Ion:107 Resp: 58489
Ion Ratio Lower Upper
107 100
109 94.5 73.3 109.9

Manual Integrations

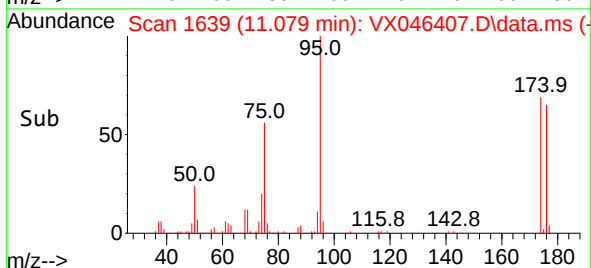
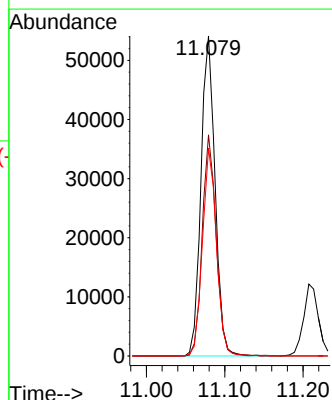
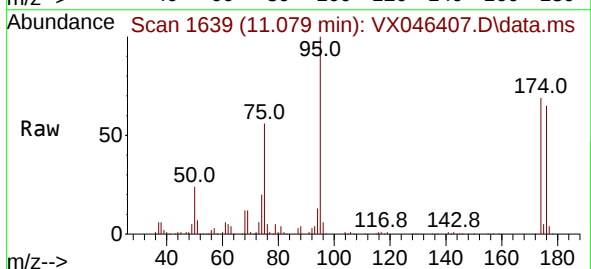
APPROVED

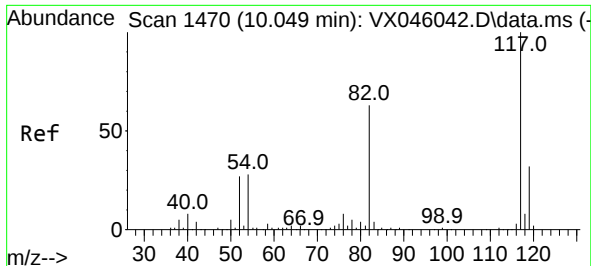
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#62
4-Bromofluorobenzene
Concen: 50.444 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

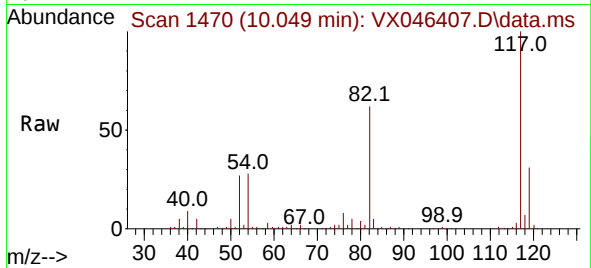
Tgt Ion: 95 Resp: 67753
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 64.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

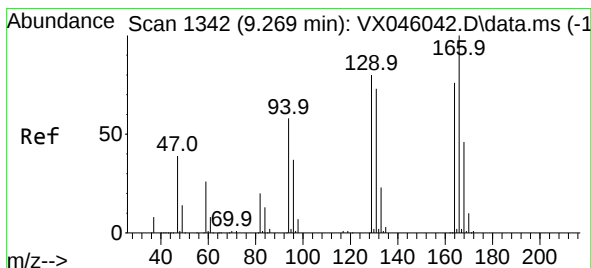
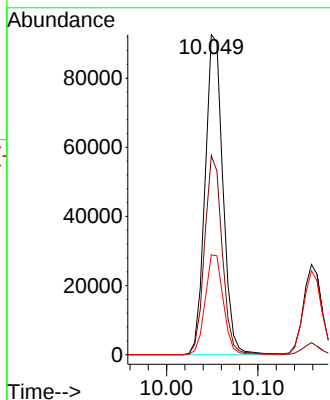
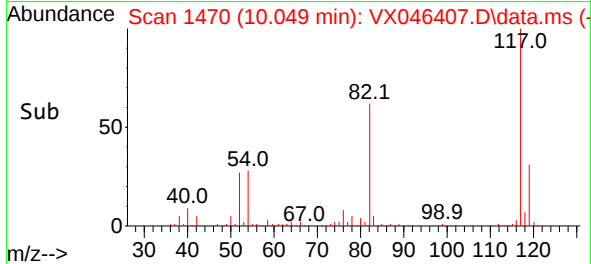
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 125660
Ion Ratio Lower Upper
117 100
82 62.2 50.6 76.0
119 31.2 25.8 38.6

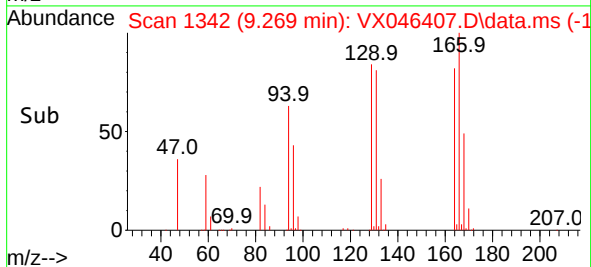
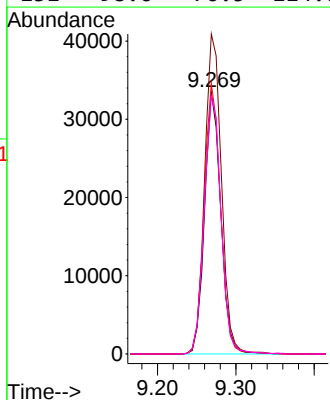
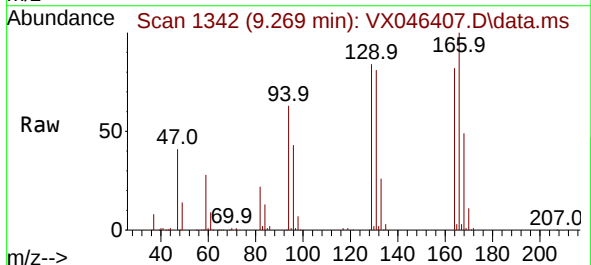
Manual Integrations
APPROVED

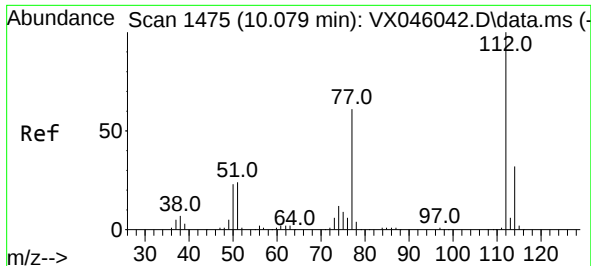
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#64
Tetrachloroethene
Concen: 54.029 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion:164 Resp: 48039
Ion Ratio Lower Upper
164 100
166 122.3 105.0 157.6
129 103.3 83.5 125.3
131 98.6 76.5 114.7





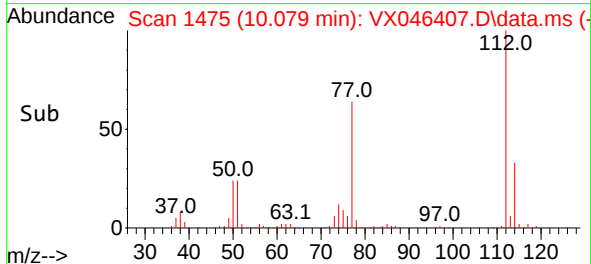
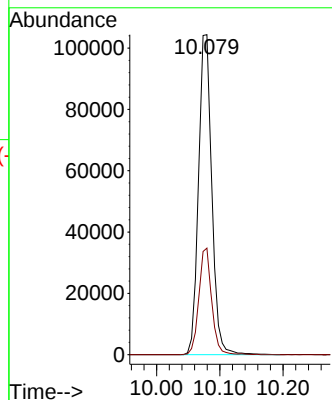
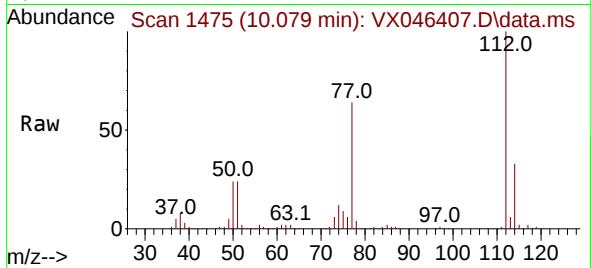
#65
Chlorobenzene
Concen: 55.556 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 15280
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2

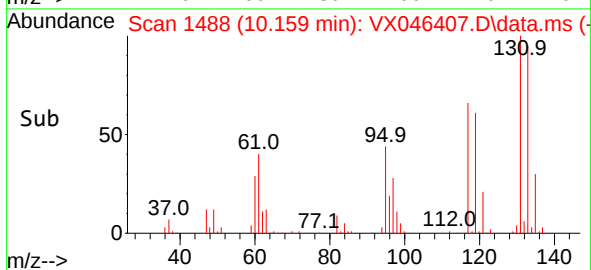
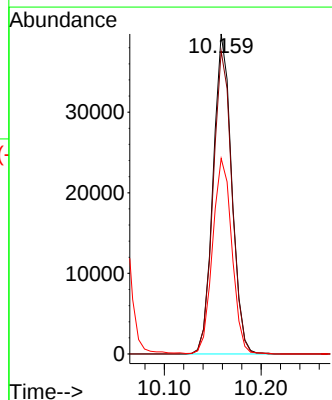
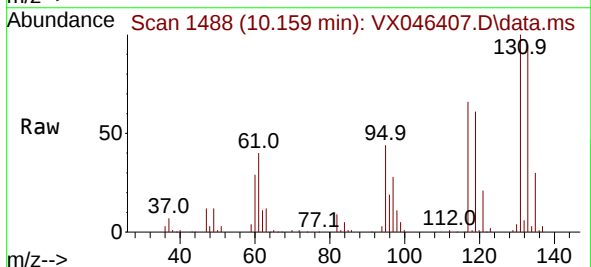
Manual Integrations
APPROVED

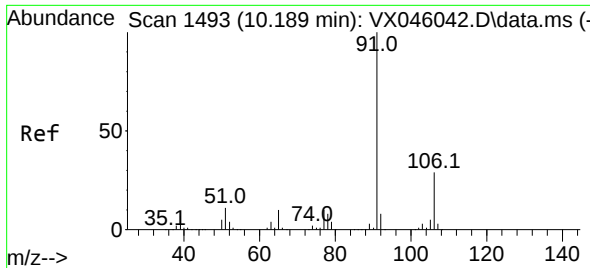
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 56.457 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

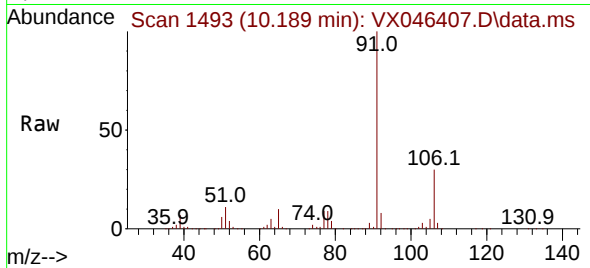
Tgt Ion:131 Resp: 53025
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.9
119 63.3 31.6 95.0





#67
Ethyl Benzene
Concen: 57.732 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

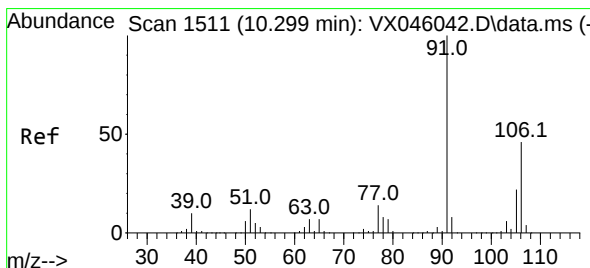
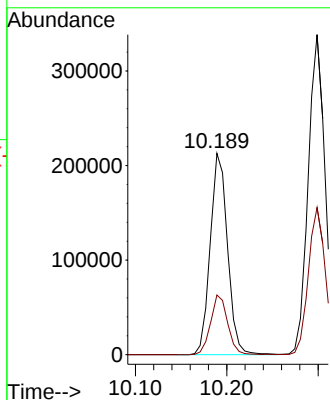
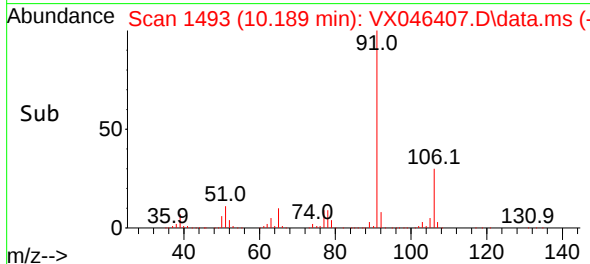
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 279910
Ion Ratio Lower Upper
91 100
106 29.6 23.4 35.2

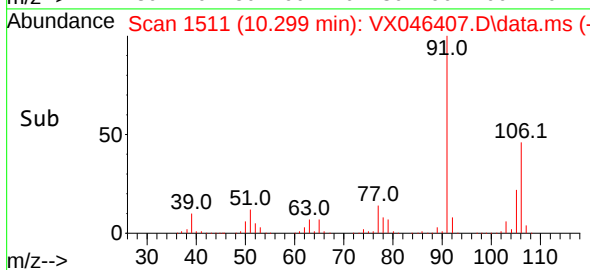
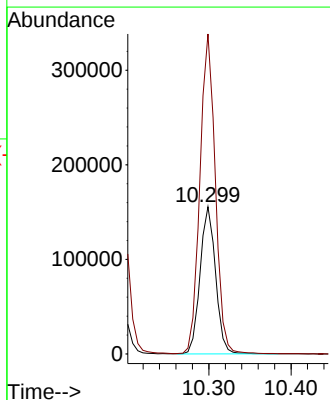
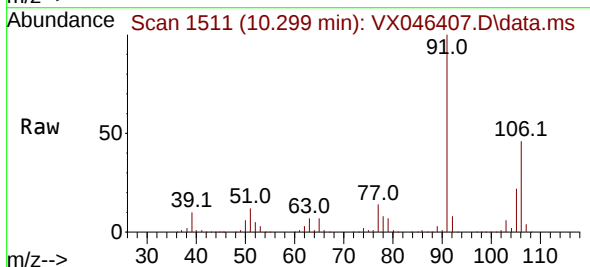
Manual Integrations
APPROVED

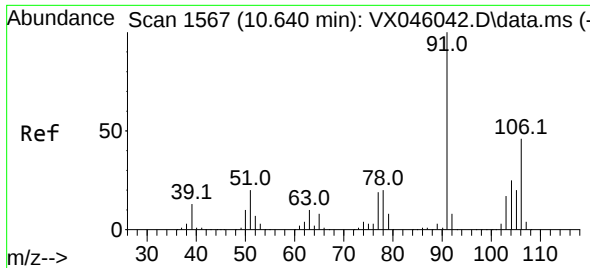
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#68
m/p-Xylenes
Concen: 114.706 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion:106 Resp: 203406
Ion Ratio Lower Upper
106 100
91 217.2 171.2 256.8





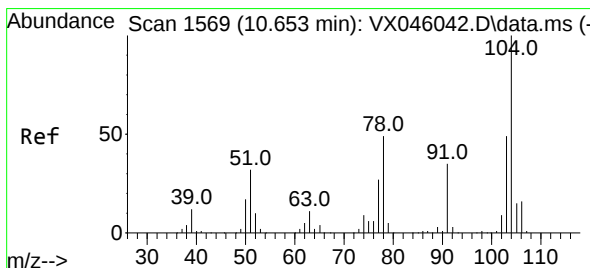
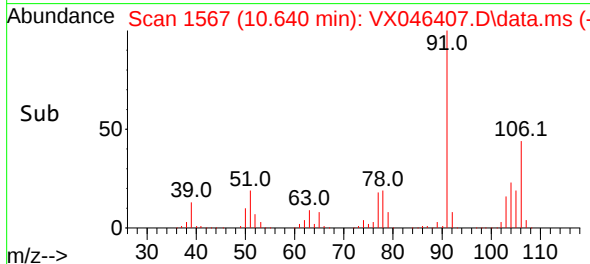
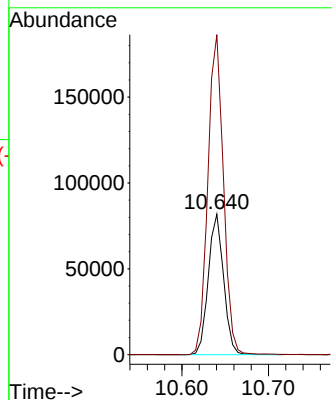
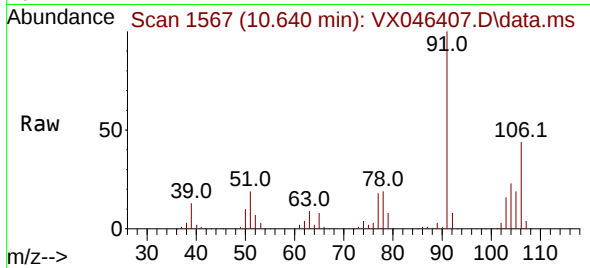
#69
o-Xylene
Concen: 58.192 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 10060
Ion Ratio Lower Upper
106 100
91 231.2 112.7 338.1

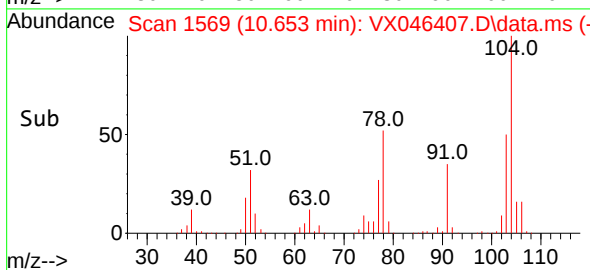
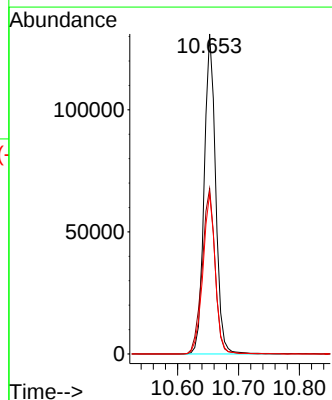
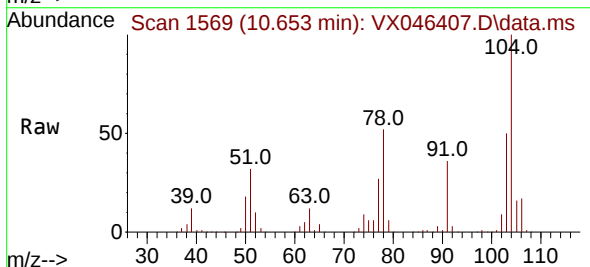
Manual Integrations
APPROVED

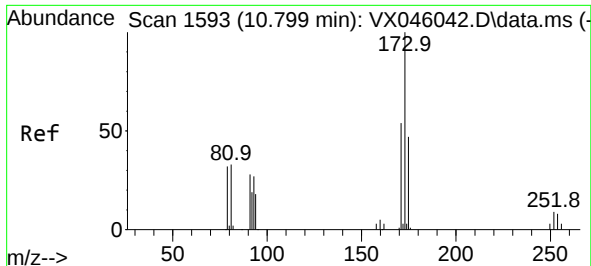
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#70
Styrene
Concen: 60.752 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

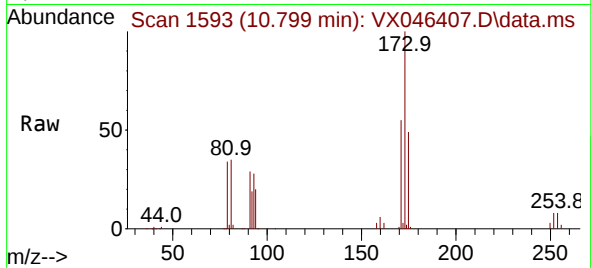
Tgt Ion:104 Resp: 172046
Ion Ratio Lower Upper
104 100
78 58.2 45.7 68.5
103 54.2 43.7 65.5





#71
Bromoform
Concen: 57.433 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

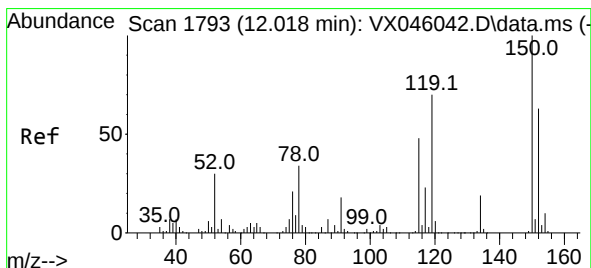
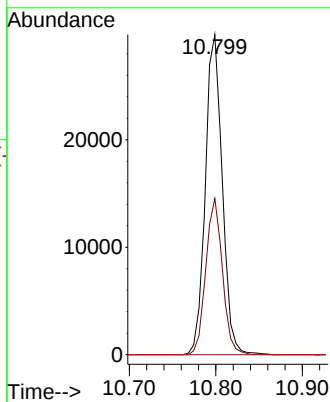
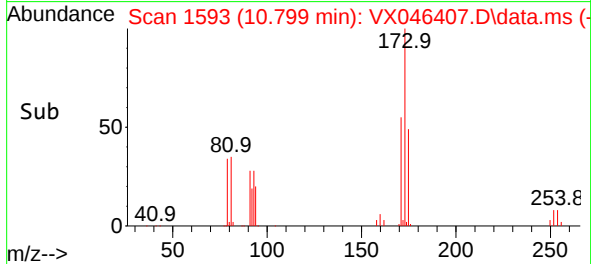
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 40495
Ion Ratio Lower Upper
173 100
175 47.8 23.4 70.0
254 0.0 0.0 0.0

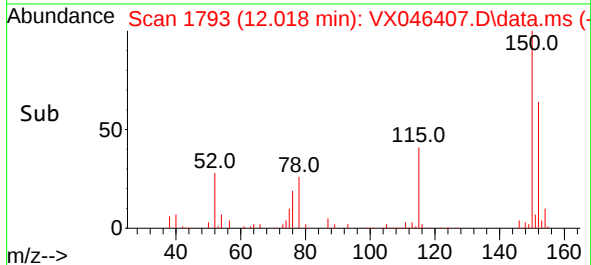
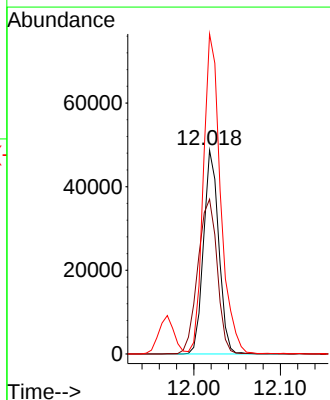
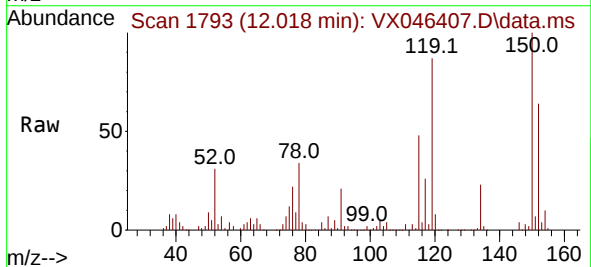
Manual Integrations
APPROVED

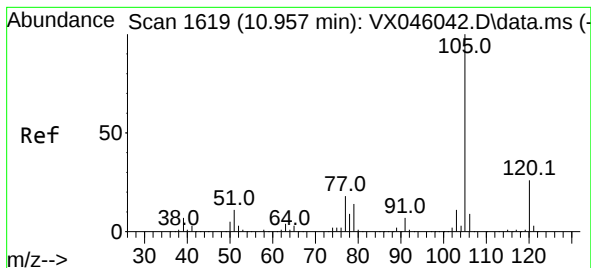
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion:152 Resp: 59304
Ion Ratio Lower Upper
152 100
115 97.0 46.9 140.7
150 177.8 0.0 351.0





#73

Isopropylbenzene

Concen: 58.471 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX046407.D

Acq: 29 May 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 269958

Ion Ratio Lower Upper

105 100

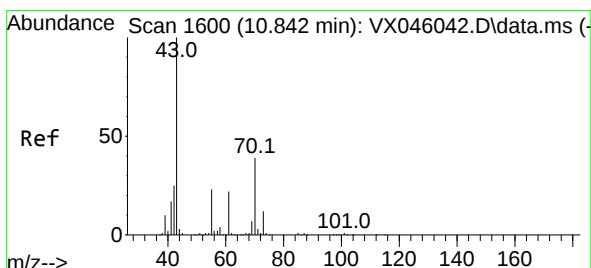
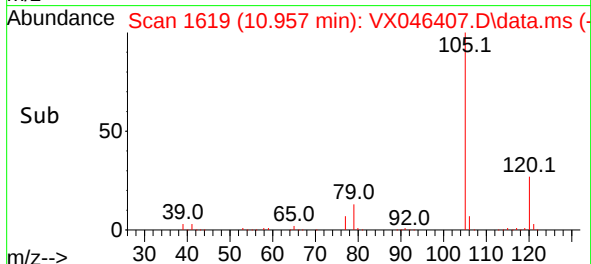
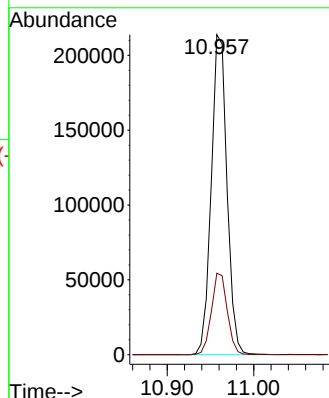
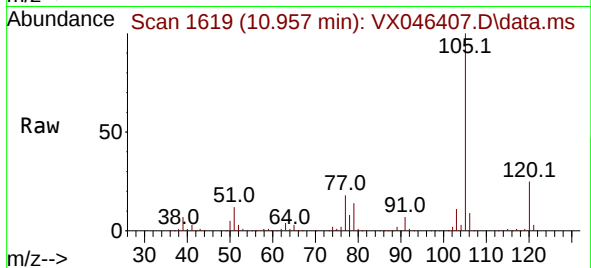
120 25.7 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#74

N-ethyl acetate

Concen: 58.610 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX046407.D

Acq: 29 May 2025 18:17

Tgt Ion: 43 Resp: 133716

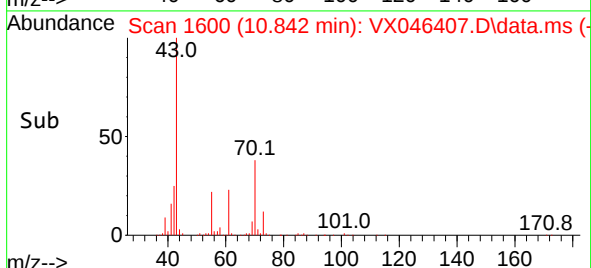
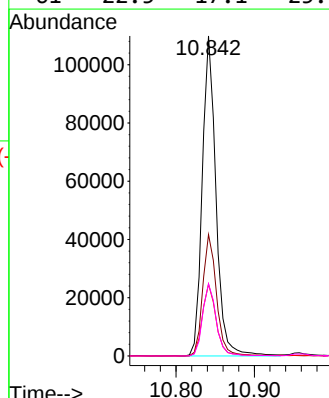
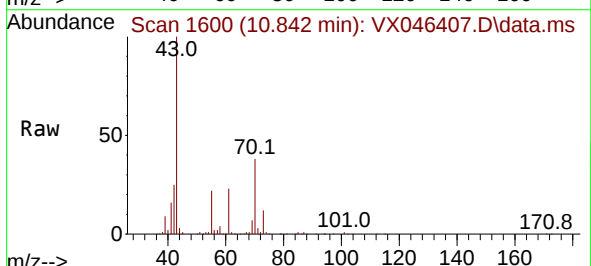
Ion Ratio Lower Upper

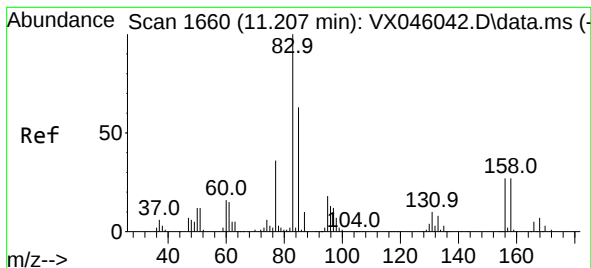
43 100

70 38.3 30.9 46.3

55 22.8 18.7 28.1

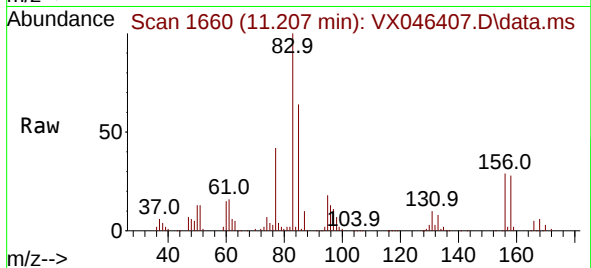
61 22.5 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 54.937 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

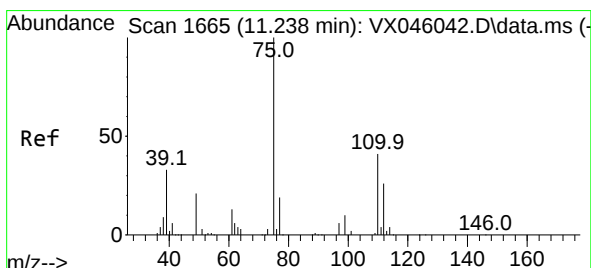
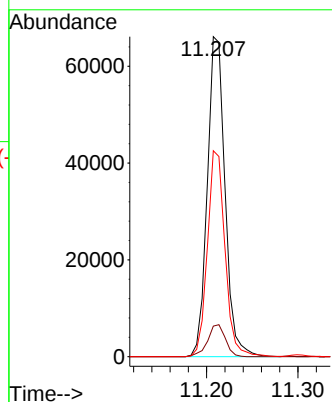
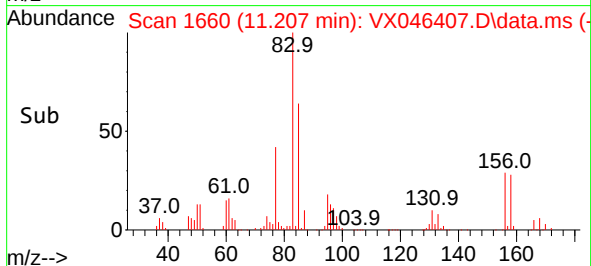
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 8888
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 63.9 31.9 95.7

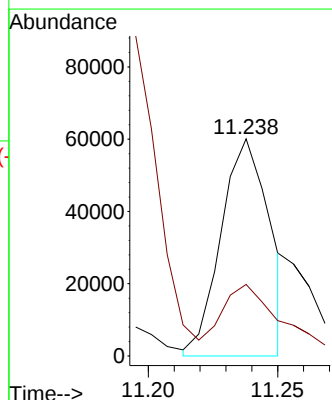
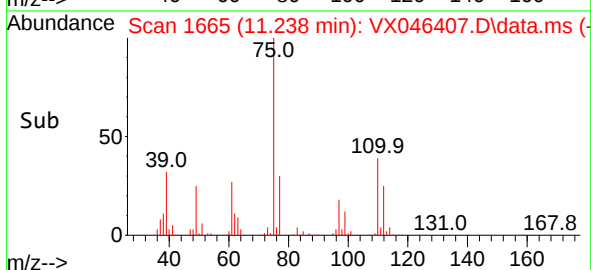
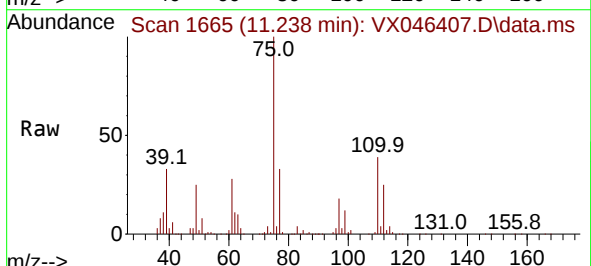
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#76
1,2,3-Trichloropropane
Concen: 54.855 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion: 75 Resp: 78304
Ion Ratio Lower Upper
75 100
77 41.3 20.5 61.5





#77

Bromobenzene

Concen: 55.874 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046407.D

Acq: 29 May 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

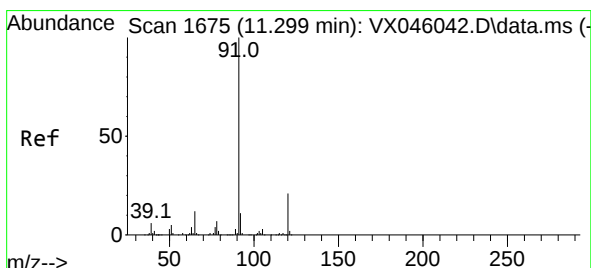
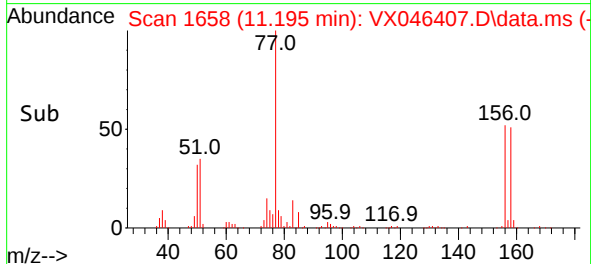
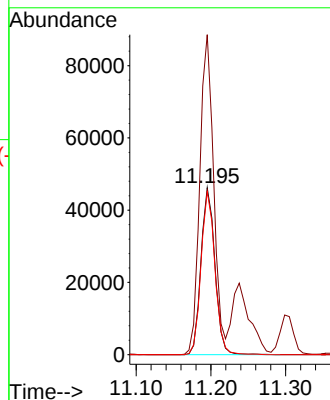
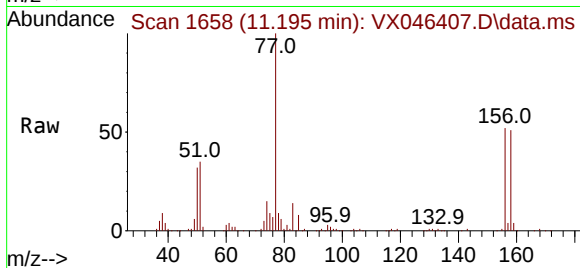
Tgt Ion:	156	Resp:	5989
Ion Ratio	Lower	Upper	
156	100		
77	190.1	92.8	278.3
158	97.5	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#78

n-propylbenzene

Concen: 58.903 ug/l

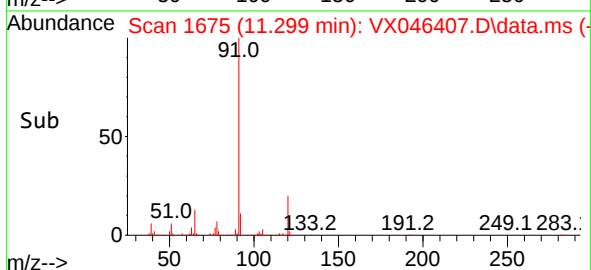
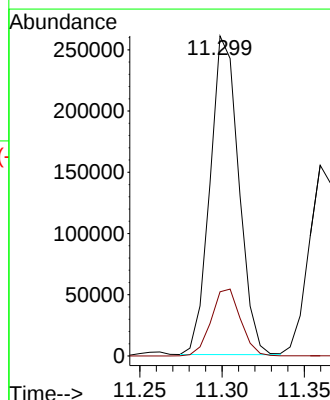
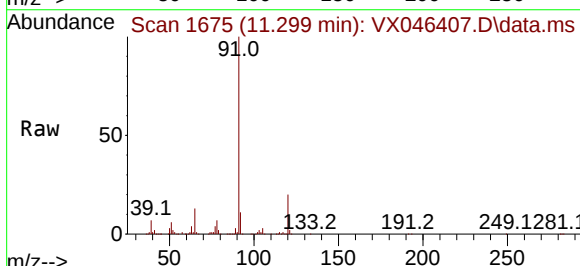
RT: 11.299 min Scan# 1675

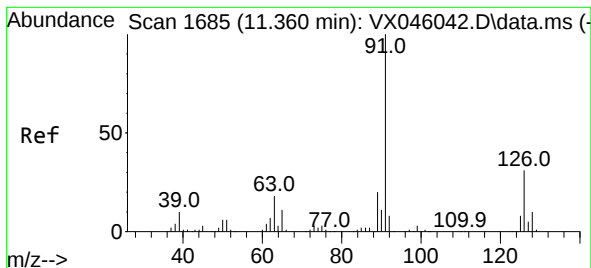
Delta R.T. -0.000 min

Lab File: VX046407.D

Acq: 29 May 2025 18:17

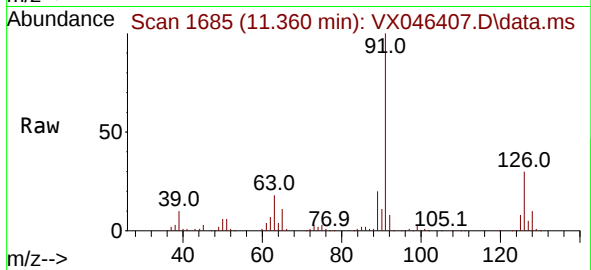
Tgt Ion:	91	Resp:	316211
Ion Ratio	Lower	Upper	
91	100		
120	21.6	10.8	32.4





#79
2-Chlorotoluene
Concen: 56.715 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

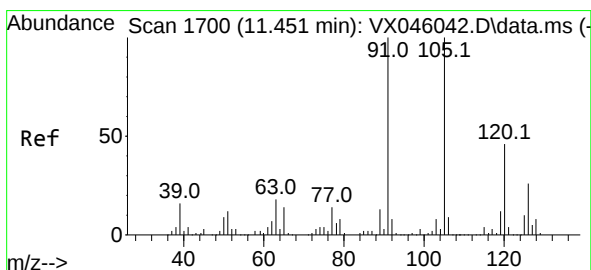
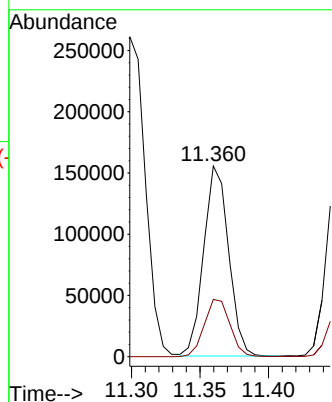
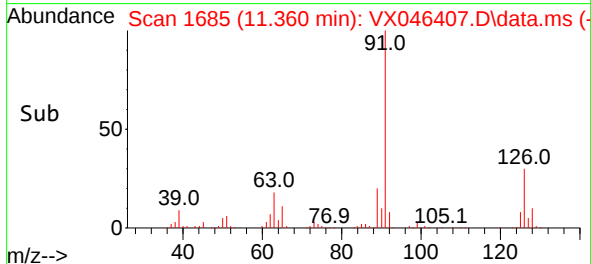
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



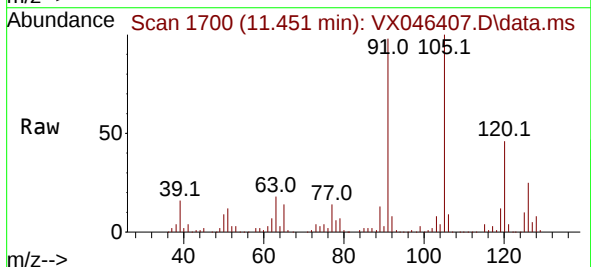
Tgt Ion: 91 Resp: 196382
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.7

Manual Integrations
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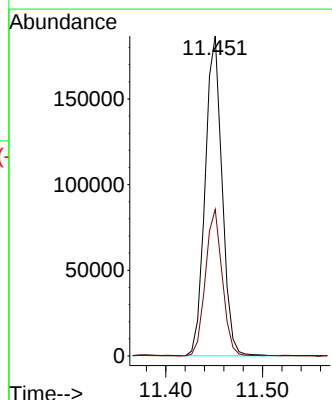
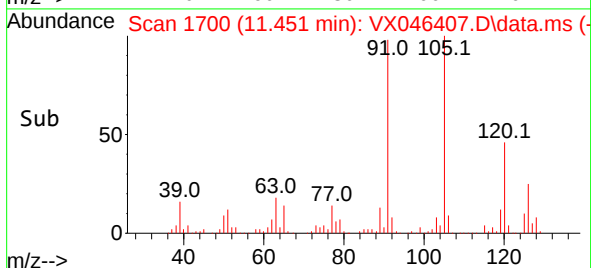
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

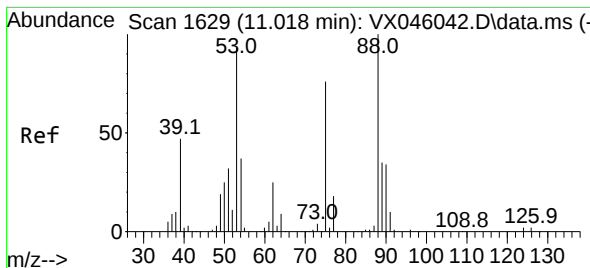


#80
1,3,5-Trimethylbenzene
Concen: 58.931 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17



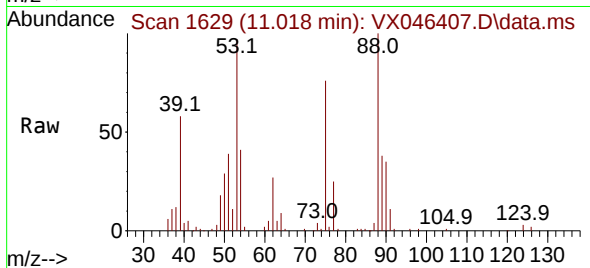
Tgt Ion:105 Resp: 227308
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 53.476 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

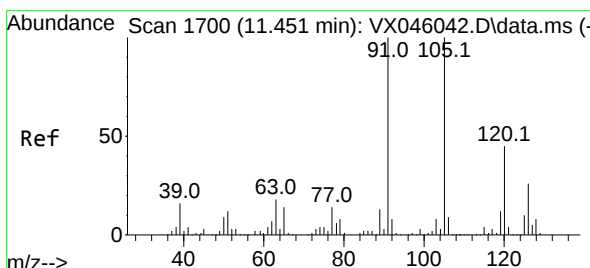
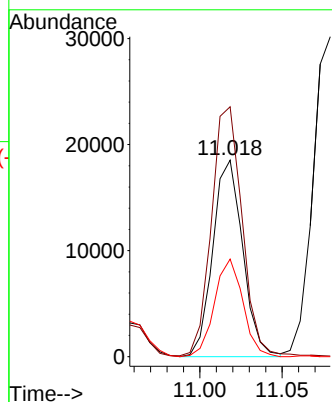
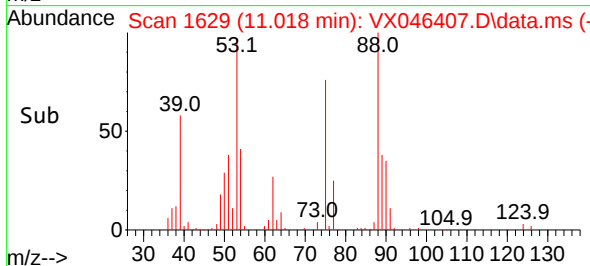
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2344
Ion Ratio Lower Upper
75 100
53 131.1 100.5 150.7
89 47.1 37.0 55.6

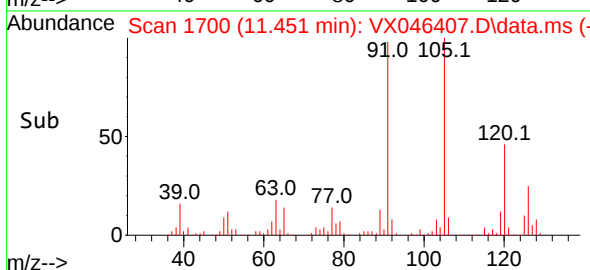
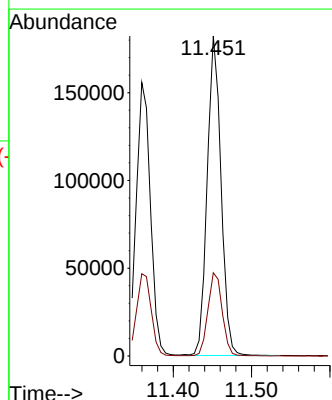
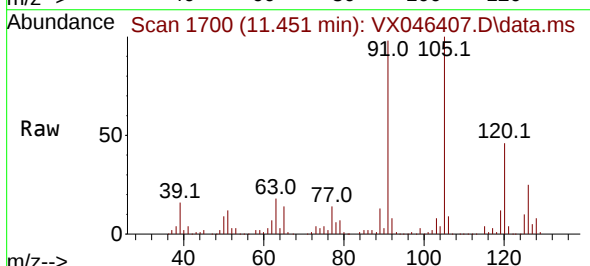
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#82
4-Chlorotoluene
Concen: 57.962 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

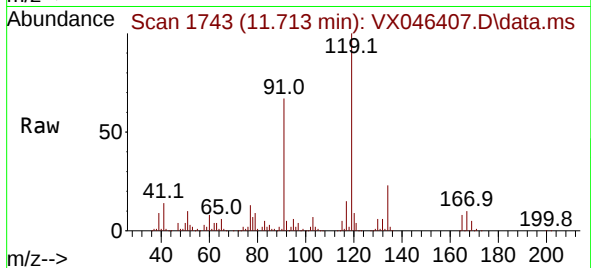
Tgt Ion: 91 Resp: 222572
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.8





#83
tert-Butylbenzene
Concen: 57.777 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

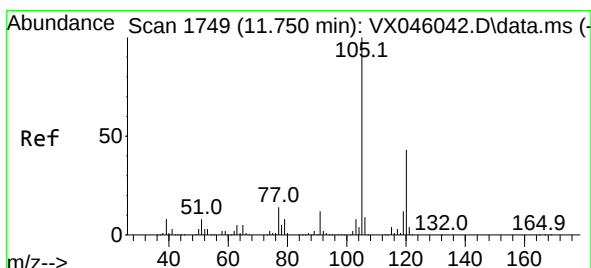
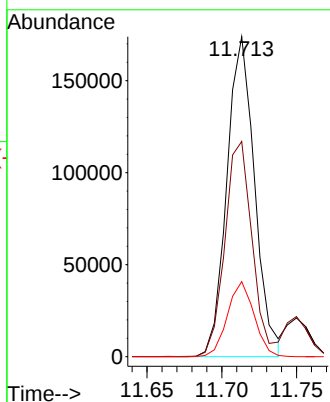
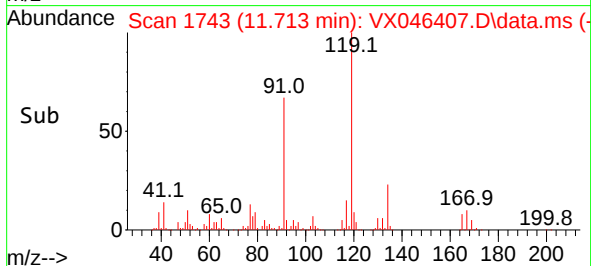
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



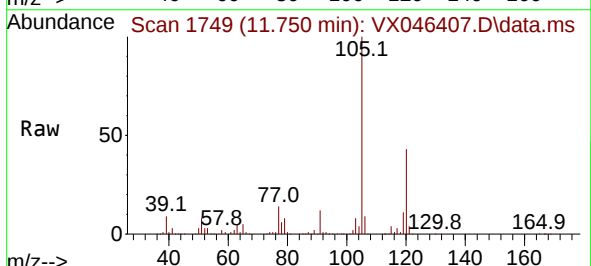
Tgt Ion:119 Resp: 224478
Ion Ratio Lower Upper
119 100
91 65.4 32.9 98.7
134 22.6 11.4 34.1

Manual Integrations
APPROVED

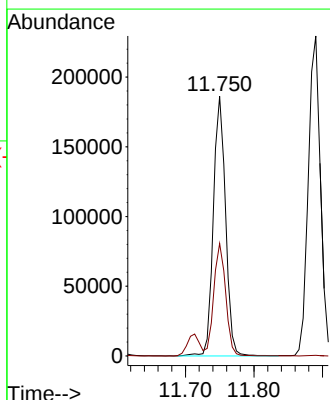
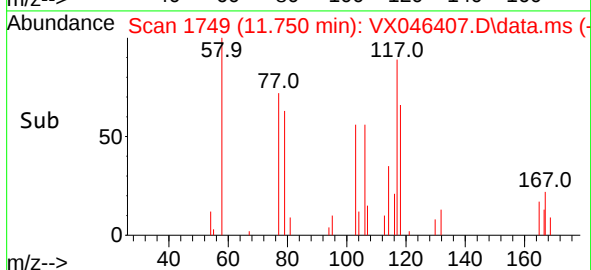
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#84
1,2,4-Trimethylbenzene
Concen: 59.072 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17



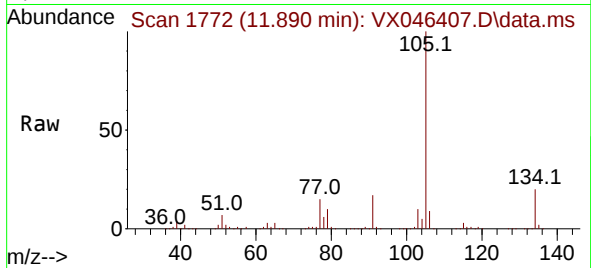
Tgt Ion:105 Resp: 230740
Ion Ratio Lower Upper
105 100
120 42.3 21.2 63.6





#85
sec-Butylbenzene
Concen: 58.888 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

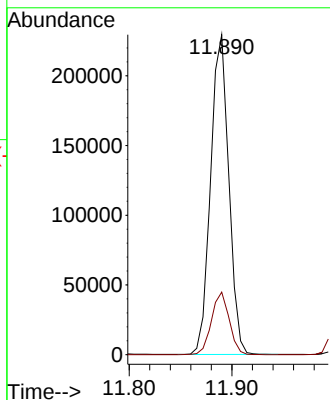
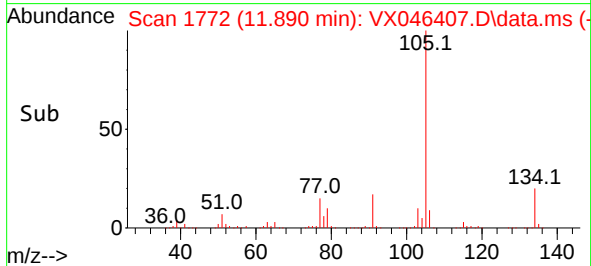
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 28092
Ion Ratio Lower Upper
105 100
134 19.1 9.7 29.1

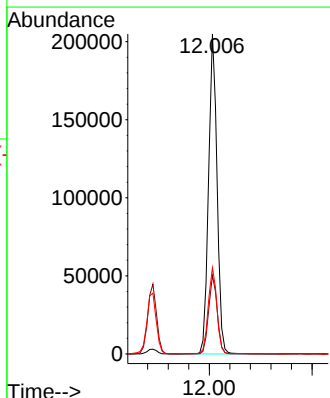
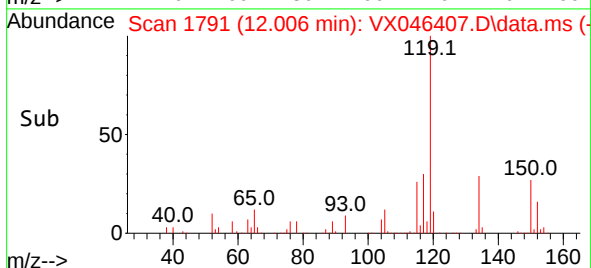
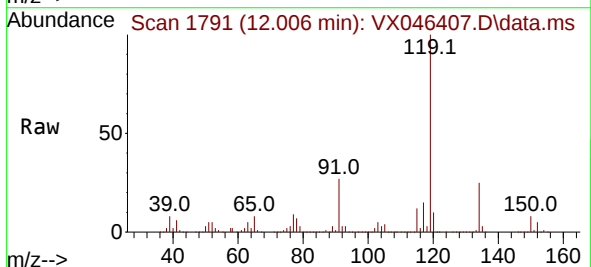
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#86
p-Isopropyltoluene
Concen: 59.435 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

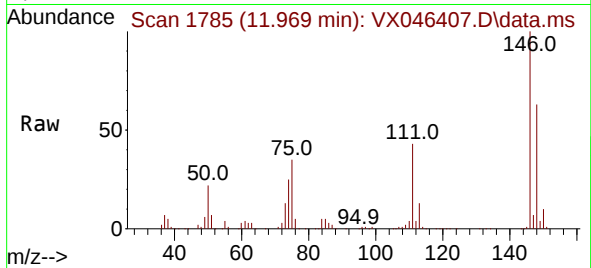
Tgt Ion:119 Resp: 234037
Ion Ratio Lower Upper
119 100
134 24.9 12.5 37.5
91 27.4 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 56.694 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

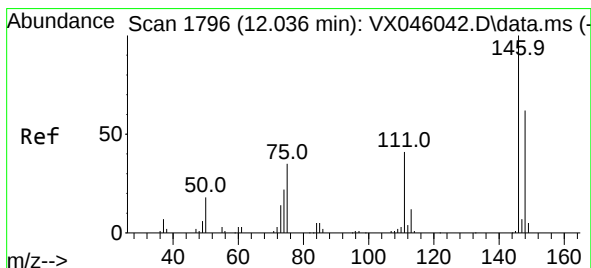
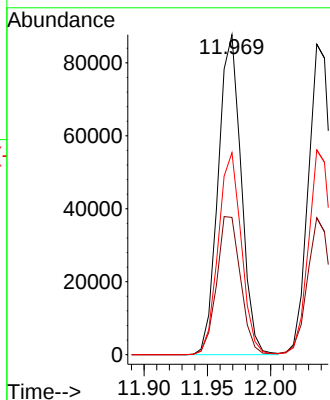
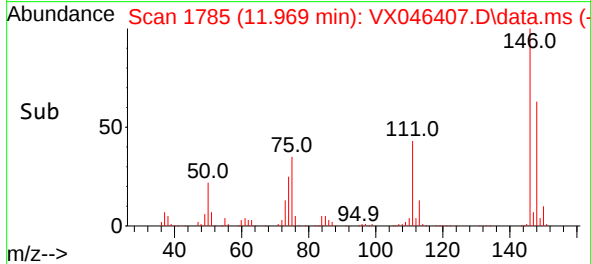
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



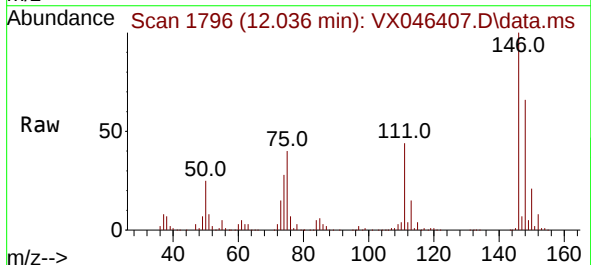
Tgt Ion:146 Resp: 110907
Ion Ratio Lower Upper
146 100
111 44.8 22.1 66.3
148 63.3 32.1 96.5

Manual Integrations
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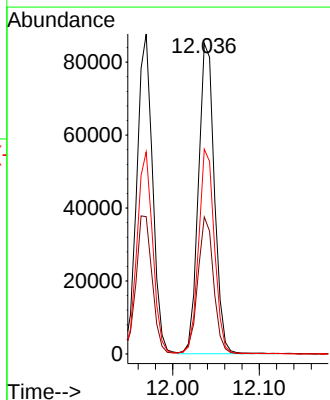
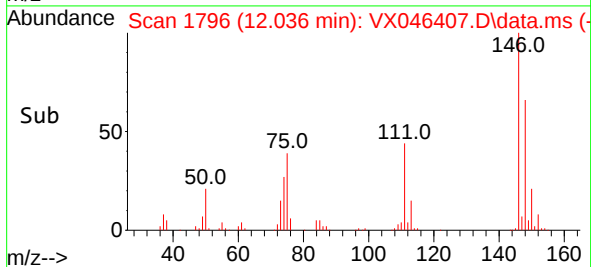
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

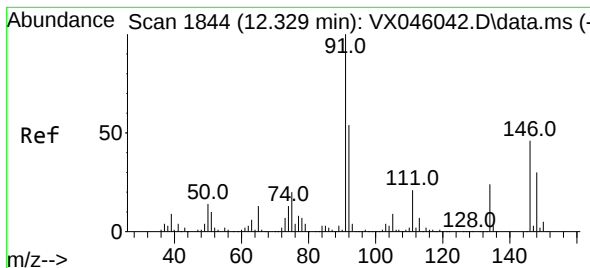


#88
1,4-Dichlorobenzene
Concen: 54.638 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17



Tgt Ion:146 Resp: 109157
Ion Ratio Lower Upper
146 100
111 43.3 21.3 63.9
148 65.1 31.9 95.5





#89

n-Butylbenzene

Concen: 59.798 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046407.D

Acq: 29 May 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 20654

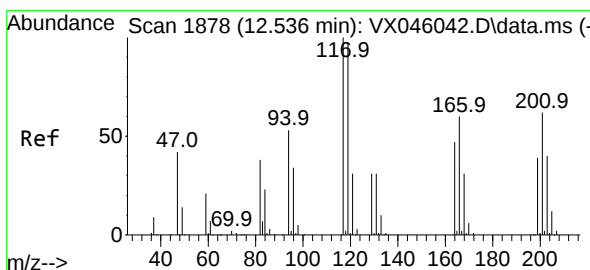
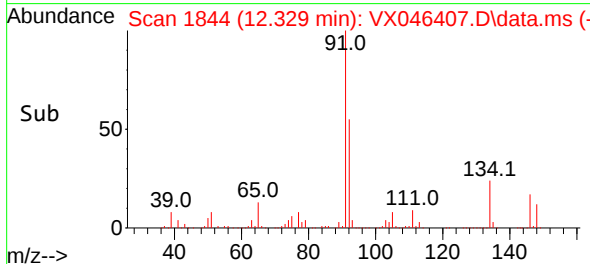
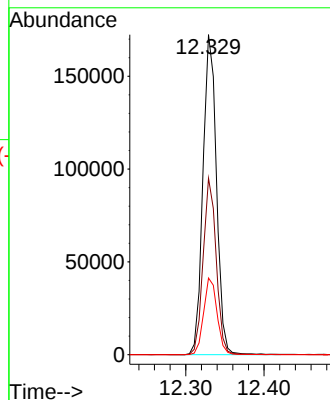
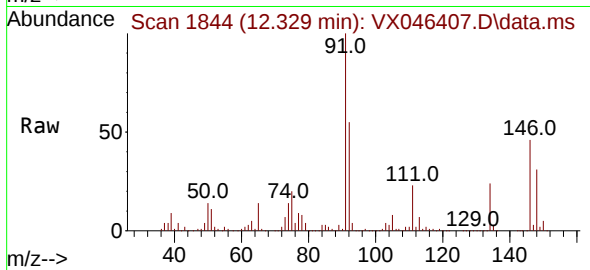
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.9	80.7
134	23.9	11.8	35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#90

Hexachloroethane

Concen: 56.577 ug/l

RT: 12.536 min Scan# 1878

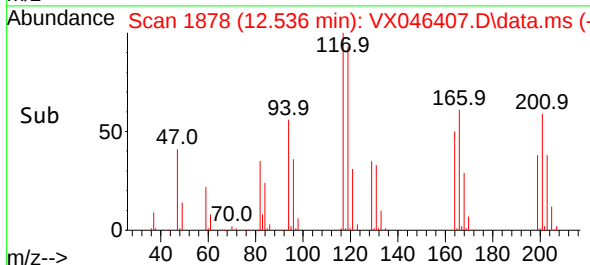
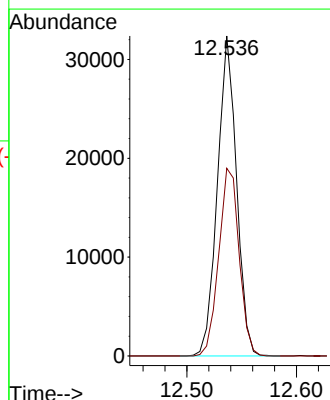
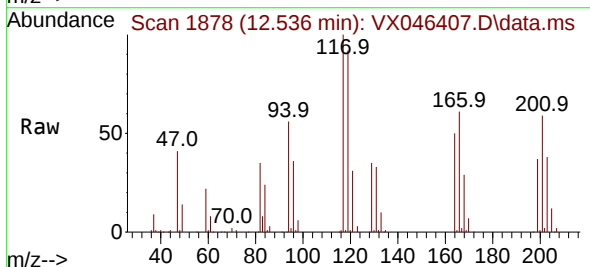
Delta R.T. -0.000 min

Lab File: VX046407.D

Acq: 29 May 2025 18:17

Tgt Ion:117 Resp: 39249

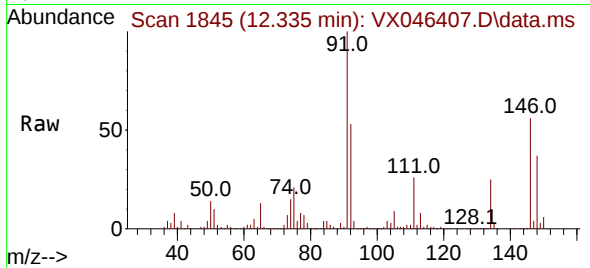
Ion	Ratio	Lower	Upper
117	100		
201	62.6	31.6	94.7





#91
1,2-Dichlorobenzene
Concen: 56.436 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

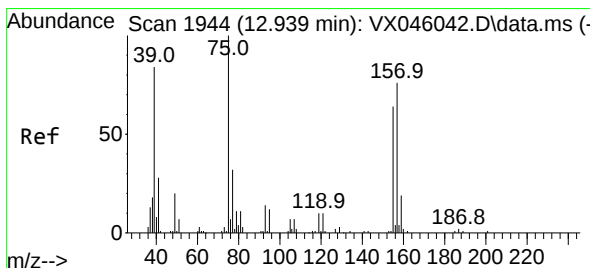
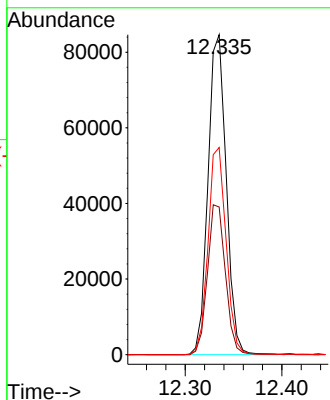
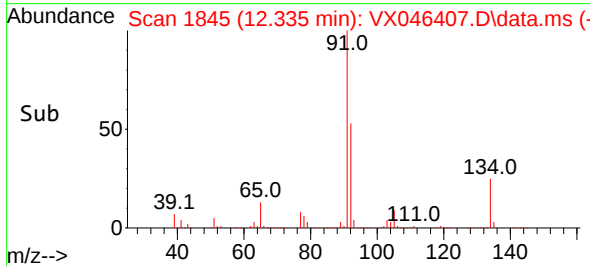
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 110788
Ion Ratio Lower Upper
146 100
111 46.5 22.4 67.3
148 64.3 31.6 94.8

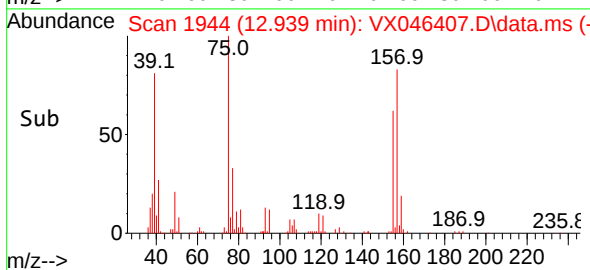
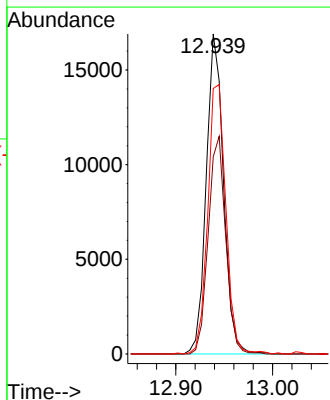
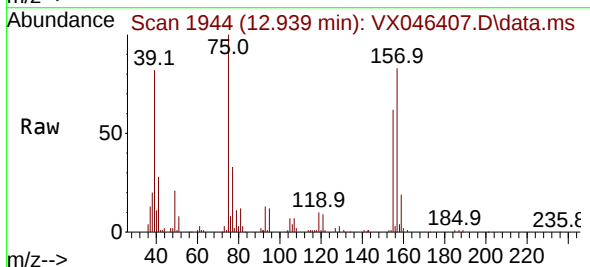
Manual Integrations
APPROVED

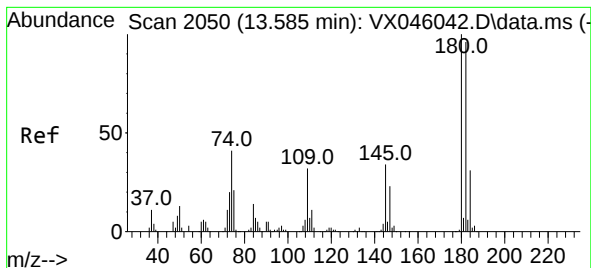
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 58.681 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

Tgt Ion: 75 Resp: 21033
Ion Ratio Lower Upper
75 100
155 68.5 34.9 104.8
157 88.4 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 56.106 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046407.D

Acq: 29 May 2025 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

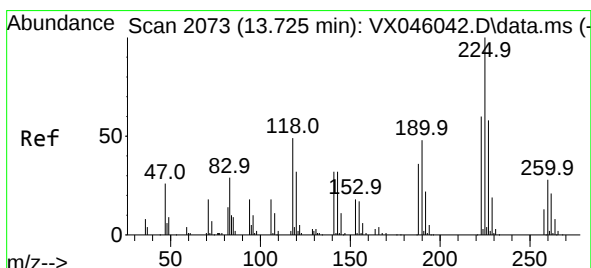
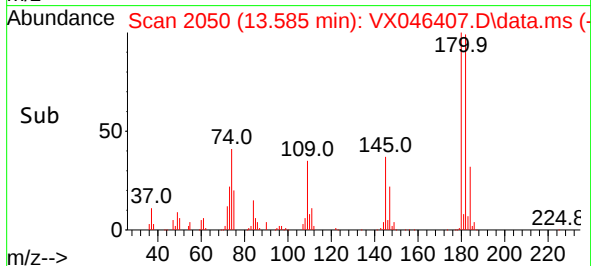
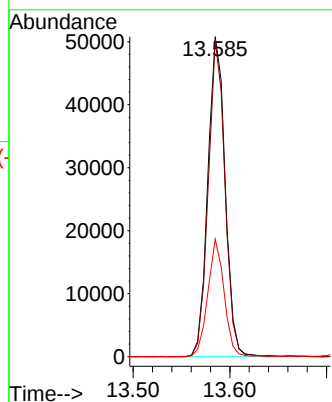
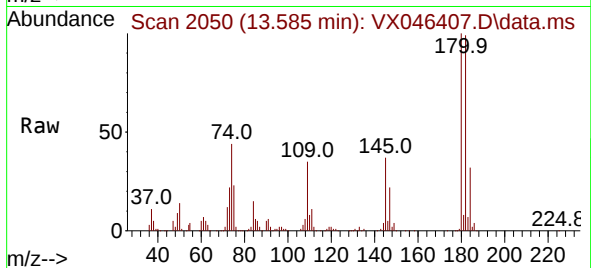
Tgt Ion:180	Resp:	63260
Ion Ratio	Lower	Upper
180	100	
182	95.5	47.9 143.8
145	34.8	17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#94

Hexachlorobutadiene

Concen: 54.739 ug/l

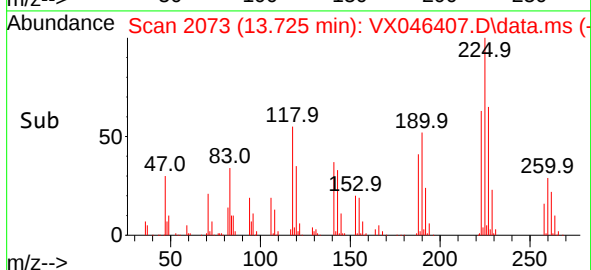
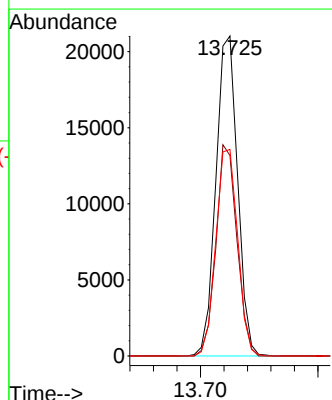
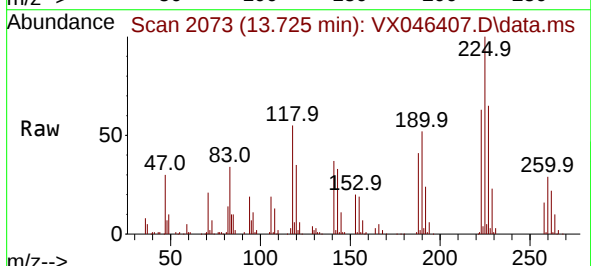
RT: 13.725 min Scan# 2073

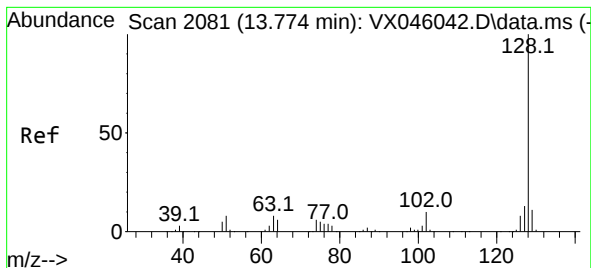
Delta R.T. -0.000 min

Lab File: VX046407.D

Acq: 29 May 2025 18:17

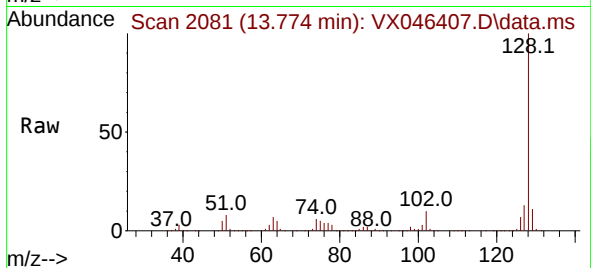
Tgt Ion:225	Resp:	26955
Ion Ratio	Lower	Upper
225	100	
223	63.9	30.8 92.4
227	65.3	30.9 92.7





#95
Naphthalene
Concen: 58.162 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17

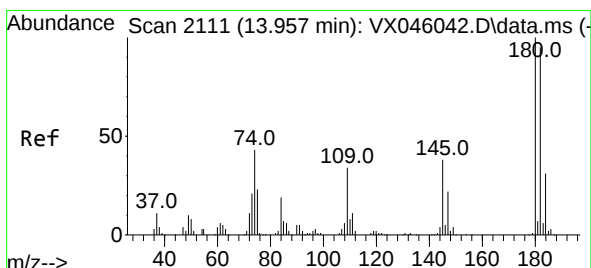
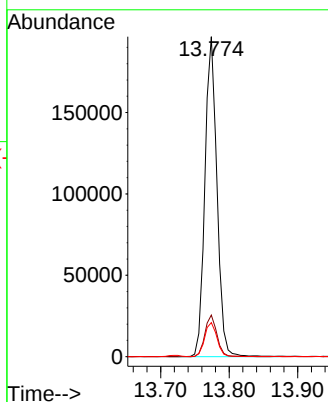
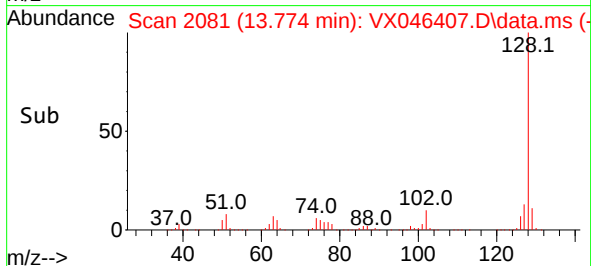
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



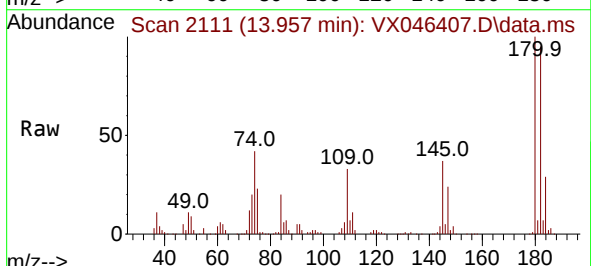
Tgt Ion:128 Resp: 240518
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#96
1,2,3-Trichlorobenzene
Concen: 57.537 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046407.D
Acq: 29 May 2025 18:17



Tgt Ion:180 Resp: 66938
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.3
145 36.5 18.1 54.3

