

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048055.D
 Acq On : 07 Oct 2025 18:03
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/08/2025
 Supervised By : Mahesh Dadoda 10/09/2025

Quant Time: Oct 08 02:19:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100725W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 08 02:15:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	22167m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	151477	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.037	117	137990	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.940	65	68938	36.056	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 120.200%#			
60) 4-Bromofluorobenzene	11.061	95	68191	29.383	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.933%			
63) Toluene-d8	8.635	98	183291	29.772	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.233%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	204697	134.513	ug/l	99
3) Chloromethane	1.301	50	211536	132.758	ug/l	97
4) Vinyl Chloride	1.380	62	220471	141.981	ug/l	93
5) Bromomethane	1.612	94	110850m	121.486	ug/l	
6) Chloroethane	1.691	64	134669	145.922	ug/l	98
7) Trichlorofluoromethane	1.892	101	302938	138.357	ug/l	98
8) Diethyl Ether	2.136	74	116001	146.692	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	168044	121.670	ug/l	99
10) 1,1-Dichloroethene	2.325	96	177501	127.417	ug/l	95
11) Methyl Iodide	2.459	142	267244m	147.407	ug/l	
12) Methyl Acetate	2.703	43	204668	126.803	ug/l	100
13) Acrolein	2.239	56	178640	901.090	ug/l	98
14) Acrylonitrile	3.056	53	482069	657.594	ug/l	99
15) Acetone	2.374	58	116210	683.772	ug/l	95
16) Carbon Disulfide	2.514	76	543517	137.112	ug/l	99
17) Allyl chloride	2.666	41	329761	131.116	ug/l	99
18) Methylene Chloride	2.788	84	207359	132.792	ug/l	99
19) trans-1,2-Dichloroethene	3.093	96	185317	126.661	ug/l	98
20) Diisopropyl ether	3.751	45	655594	133.378	ug/l	96
21) 1,1-Dichloroethane	3.605	63	356764	128.806	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	220169	130.402	ug/l #	87
23) tert-Butyl Alcohol	2.947	59	117389m	748.530	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	607836	138.391	ug/l	99
25) Chloroform	5.087	83	357121	125.638	ug/l	98
26) Cyclohexane	5.464	56	291323	119.400	ug/l #	96
29) 1,1-Dichloropropene	5.684	75	240625	103.118	ug/l	98
30) 2-Butanone	4.538	43	582206	546.400	ug/l	100
31) 2,2-Dichloropropane	4.471	77	265113	121.892	ug/l #	90
32) 1,1,1-Trichloroethane	5.379	97	304665	104.370	ug/l	98
33) Carbon Tetrachloride	5.666	117	250139m	99.577	ug/l	
34) Benzene	6.025	78	751326	107.370	ug/l	97
35) Methacrylonitrile	4.904	41	137147	104.798	ug/l	97
36) 1,2-Dichloroethane	6.074	62	275302	104.662	ug/l	98
37) Trichloroethene	7.111	130	182094	104.661	ug/l	95
38) Methylcyclohexane	7.367	83	285373	98.329	ug/l	97
39) 1,2-Dichloropropane	7.415	63	192691	109.557	ug/l	96
40) Dibromomethane	7.568	93	138715	105.362	ug/l #	62
41) Bromodichloromethane	7.806	83	289921	109.077	ug/l	100
42) Vinyl Acetate	3.715	43	2816919	589.510	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	258137	114.100	ug/l	97
44) Isopropyl Acetate	6.324	43	422598	116.886	ug/l	100
45) 1,4-Dioxane	7.647	88	51273	2290.067	ug/l #	90
46) Methyl methacrylate	7.678	41	216569	113.000	ug/l	96
47) n-amyl Acetate	10.829	43	367200	112.328	ug/l	99
48) t-1,3-Dichloropropene	8.964	75	290436	118.049	ug/l	98
49) cis-1,3-Dichloropropene	8.354	75	314201	115.554	ug/l	97
50) 1,1,2-Trichloroethane	9.135	97	176318	106.146	ug/l	98
51) Ethyl methacrylate	9.104	69	288219	114.785	ug/l	98
52) 1,3-Dichloropropane	9.293	76	307667	106.947	ug/l	100
53) Dibromochloromethane	9.506	129	205973	112.797	ug/l #	16
54) 1,2-Dibromoethane	9.592	107	186015	106.741	ug/l	99
55) 2-Chloroethyl vinyl ether	8.226	63	753191	579.989	ug/l	99
56) Bromoform	10.781	173	1959	2.056	ug/l #	1
58) 4-Methyl-2-Pentanone	8.561	43	1220989	538.285	ug/l	98
59) 2-Hexanone	9.415	43	854290	538.429	ug/l	99
61) Tetrachloroethene	9.263	164	144433	101.228	ug/l	96
62) Toluene	8.702	91	782162	105.040	ug/l	100
64) Chlorobenzene	10.061	112	499880	103.878	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.147	131	173843	106.830	ug/l #	81
66) Ethyl Benzene	10.177	91	871506	103.639	ug/l	98
67) m/p-Xylenes	10.287	106	650710	207.602	ug/l	100
68) o-Xylene	10.628	106	316229	105.259	ug/l	96
69) Styrene	10.640	104	545155	105.151	ug/l	98
70) Isopropylbenzene	10.945	105	801083	100.069	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.195	83	248606	103.805	ug/l	99
72) 1,2,3-Trichloropropane	11.220	75	228259m	112.905	ug/l	
73) Bromobenzene	11.183	156	198525	104.479	ug/l	94
74) n-propylbenzene	11.287	91	960365	100.478	ug/l	100
75) 2-Chlorotoluene	11.348	91	579009	100.474	ug/l	98
76) 1,3,5-Trimethylbenzene	11.433	105	660002	99.424	ug/l	100
77) t-1,4-Dichloro-2-butene	11.000	75	81937	119.065	ug/l	96
78) 4-Chlorotoluene	11.439	91	675960	101.307	ug/l	99
79) tert-butylbenzene	11.695	119	650986	99.271	ug/l	100
80) 1,2,4-Trimethylbenzene	11.732	105	656907	99.846	ug/l	100
81) sec-Butylbenzene	11.872	105	790429	94.534	ug/l	100
82) p-Isopropyltoluene	11.994	119	661361	96.267	ug/l	99
83) 1,3-Dichlorobenzene	11.951	146	359559	102.052	ug/l	98
84) 1,4-Dichlorobenzene	12.024	146	361991	102.049	ug/l	98
85) n-Butylbenzene	12.317	91	624238	95.184	ug/l	99
86) Hexachloroethane	12.518	117	126386	112.256	ug/l	79
87) 1,2-Dichlorobenzene	12.317	146	346669	102.190	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.920	75	50648	104.183	ug/l	98
89) 1,2,4-Trichlorobenzene	13.567	180	222037	101.179	ug/l	97
90) Hexachlorobutadiene	13.707	225	42034	46.218	ug/l #	41
91) Naphthalene	13.756	128	715110	103.252	ug/l	99
92) 1,2,3-Trichlorobenzene	13.939	180	214167	100.260	ug/l	99

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

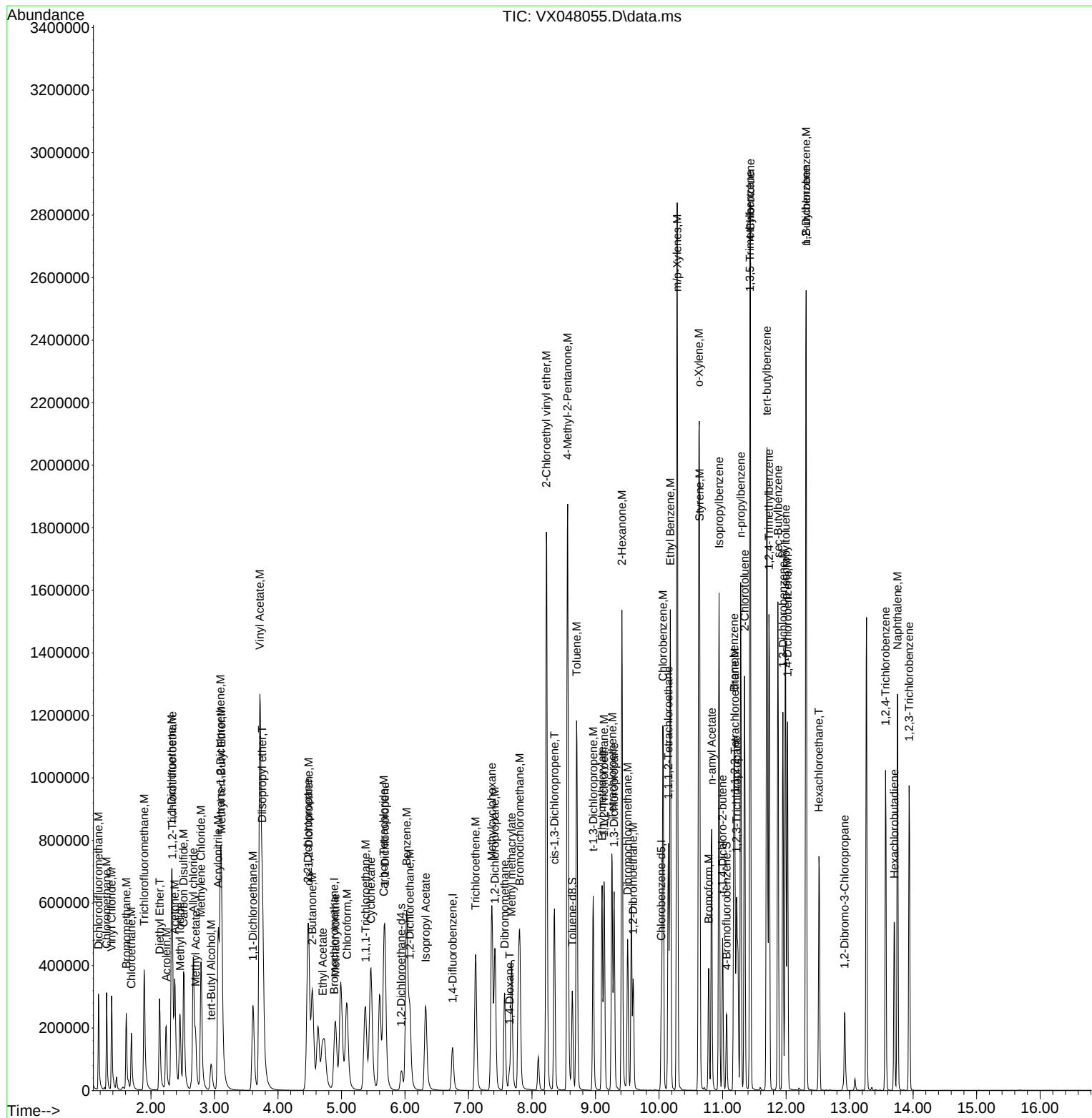
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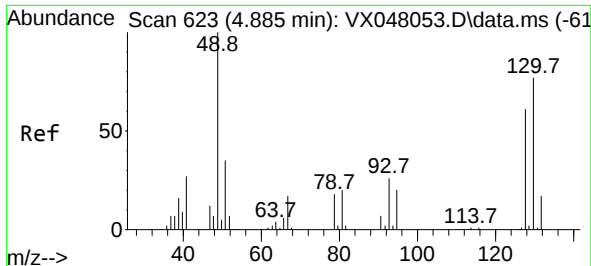
Instrument :
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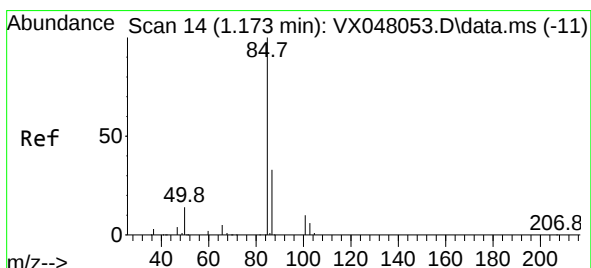
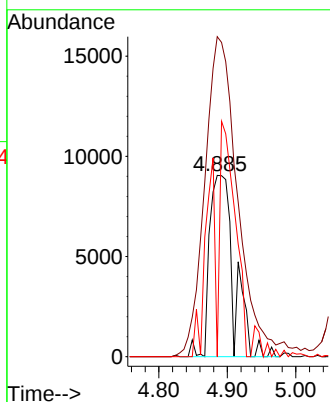
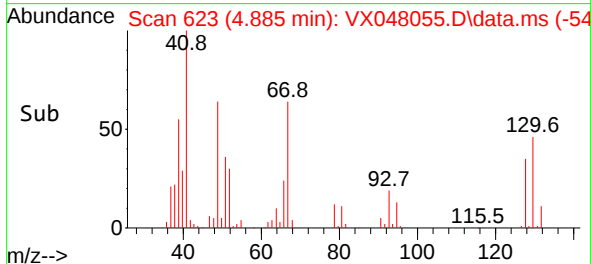
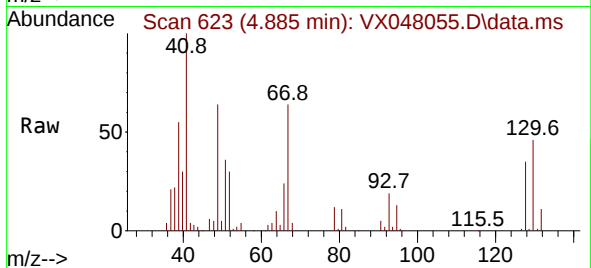
#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.885 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 2216
Ion Ratio Lower Upper
128 100
49 237.6 0.0 601.2
130 81.9 0.0 286.0

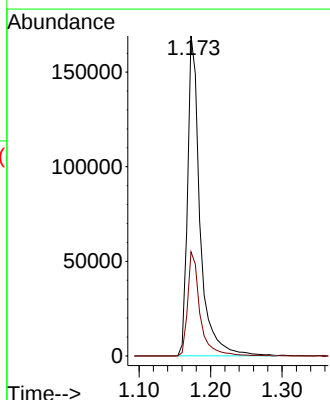
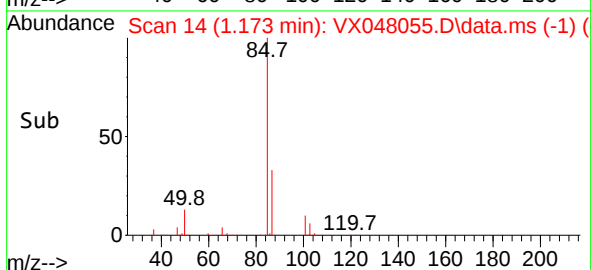
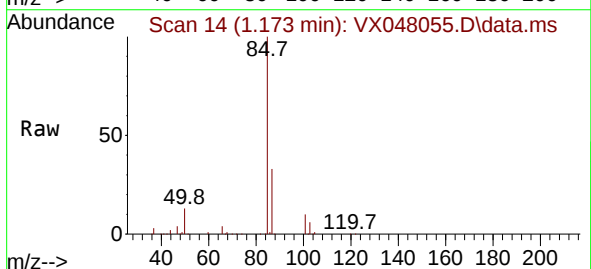
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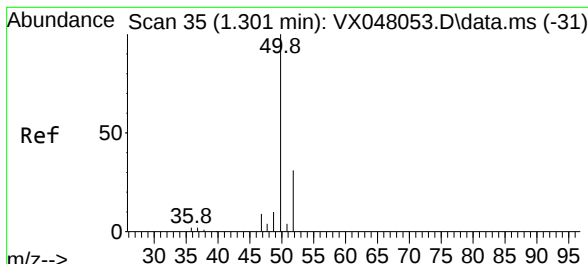
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#2
Dichlorodifluoromethane
Concen: 134.513 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion: 85 Resp: 204697
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.8





#3
 Chloromethane
 Concen: 132.758 ug/l
 RT: 1.301 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX048055.D
 Acq: 07 Oct 2025 18:03

Instrument :

MSVOA_X

ClientSampleId :

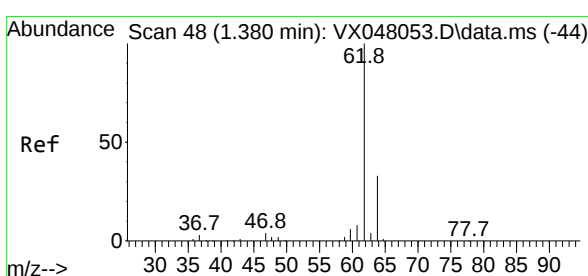
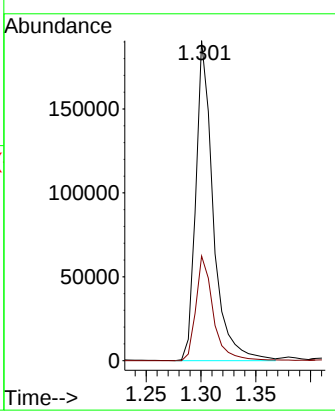
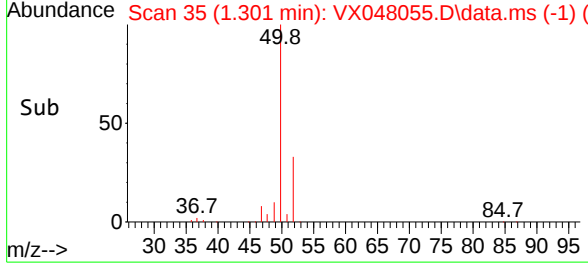
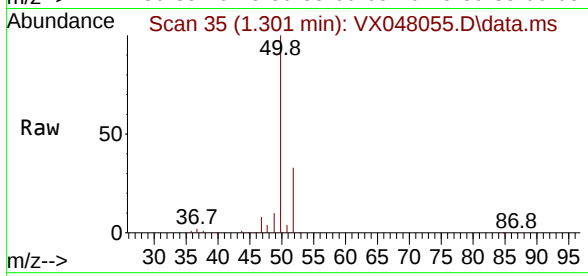
VSTDICC100

Tgt Ion: 50 Resp: 211530
 Ion Ratio Lower Upper
 50 100
 52 32.7 24.9 37.3

Manual Integrations

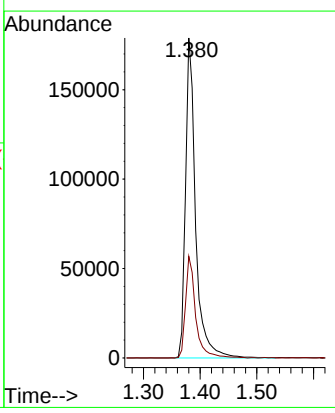
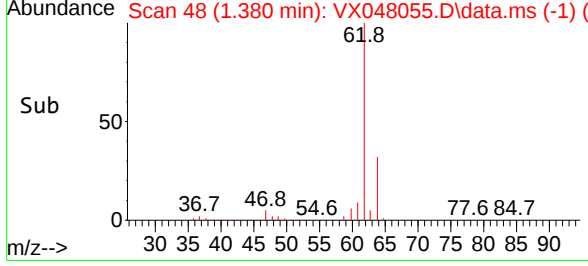
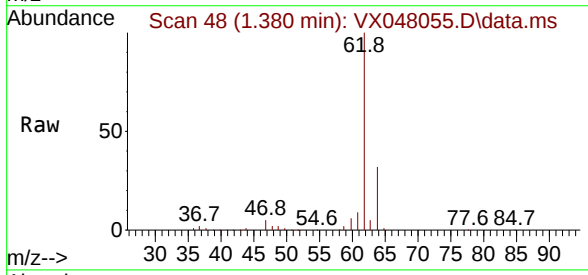
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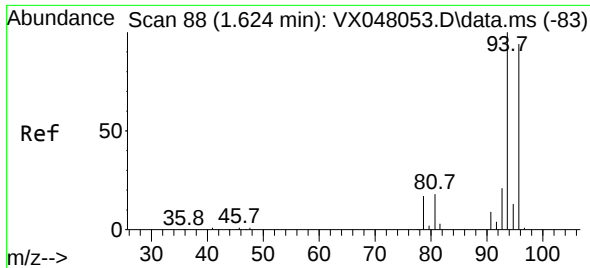
Reviewed By :John Carlone 10/08/2025
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#4
 Vinyl Chloride
 Concen: 141.981 ug/l
 RT: 1.380 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: VX048055.D
 Acq: 07 Oct 2025 18:03

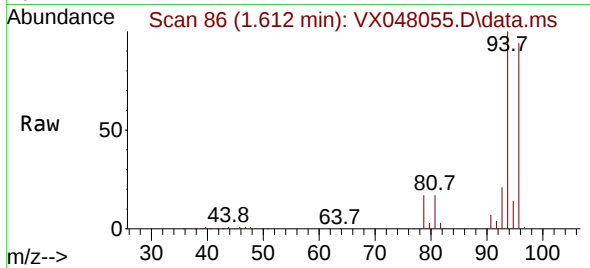
Tgt Ion: 62 Resp: 220471
 Ion Ratio Lower Upper
 62 100
 64 30.3 27.4 41.2





#5
Bromomethane
Concen: 121.486 ug/l m
RT: 1.612 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

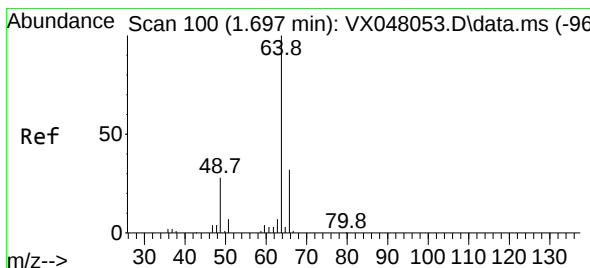
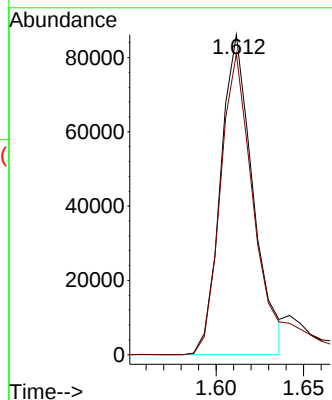
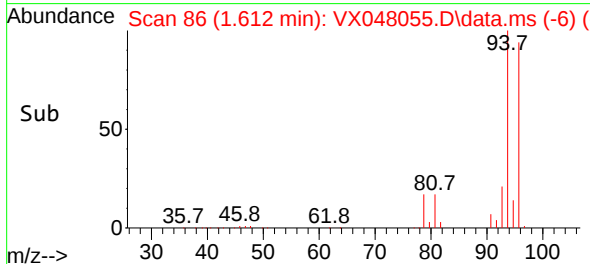
Instrument :
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Tgt Ion: 94 Resp: 110850
Ion Ratio Lower Upper
94 100
96 94.1 67.8 101.6

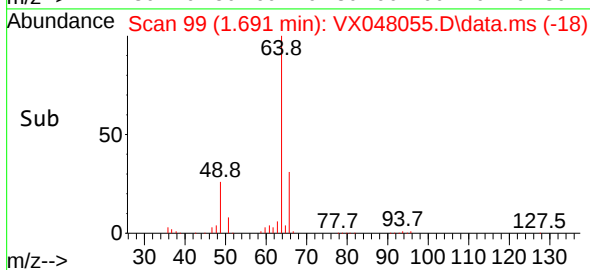
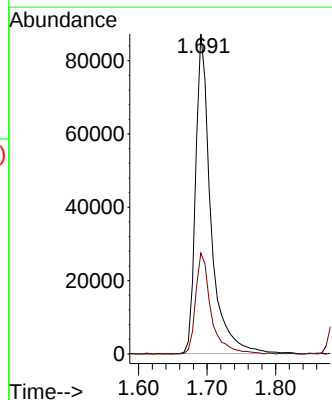
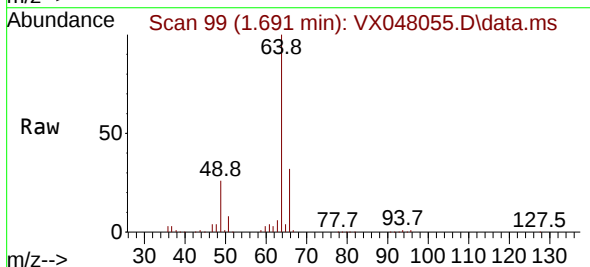
Manual Integrations
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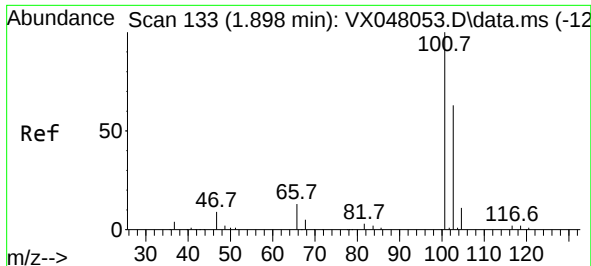
Reviewed By :John Carlone 10/08/2025
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#6
Chloroethane
Concen: 145.922 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048055.D
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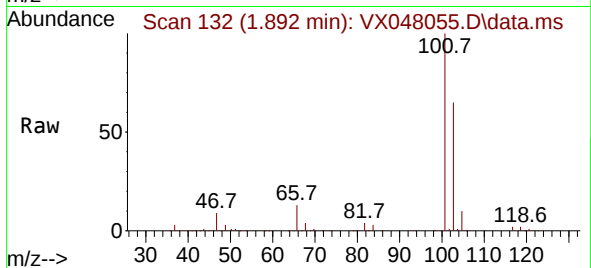
Tgt Ion: 64 Resp: 134669
Ion Ratio Lower Upper
64 100
66 32.4 24.9 37.3





#7
Trichlorofluoromethane
Concen: 138.357 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048055.D
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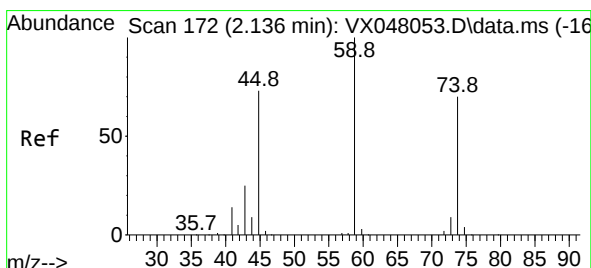
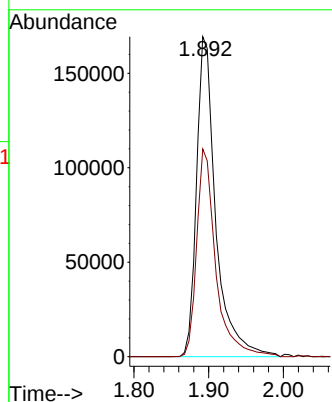
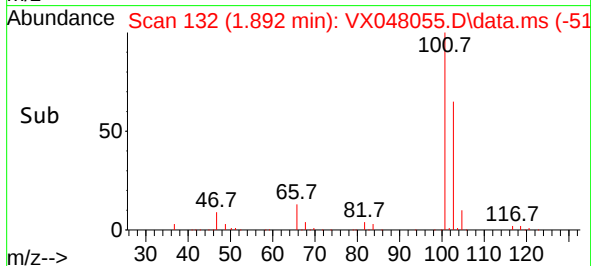
Instrument :
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ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 302938
Ion Ratio Lower Upper
101 100
103 64.7 50.6 76.0

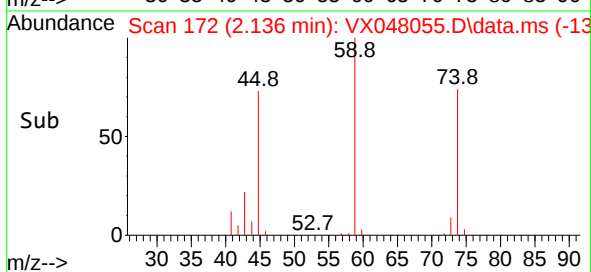
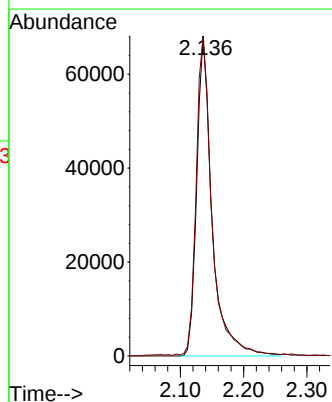
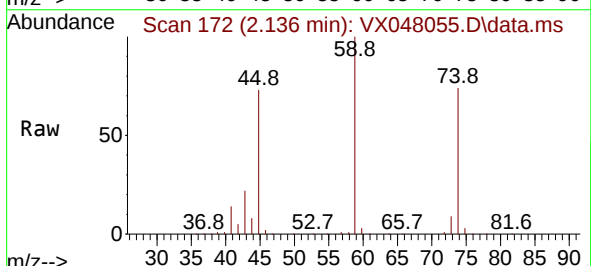
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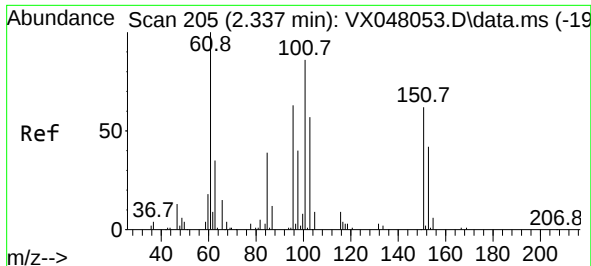
Reviewed By :John Carlone 10/08/2025
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#8
Diethyl Ether
Concen: 146.692 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion: 74 Resp: 116001
Ion Ratio Lower Upper
74 100
45 101.7 20.8 187.2





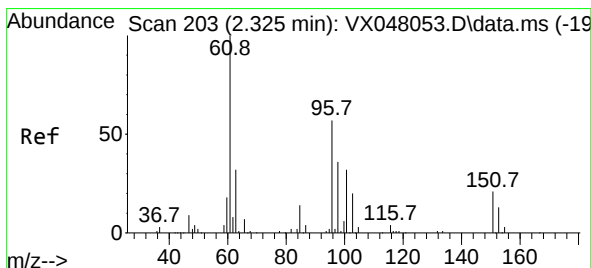
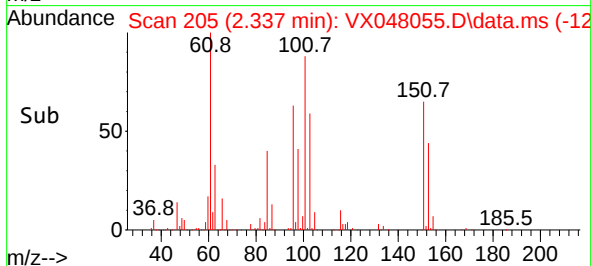
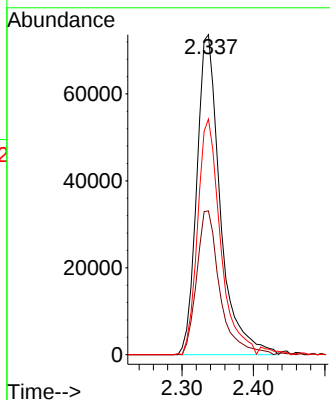
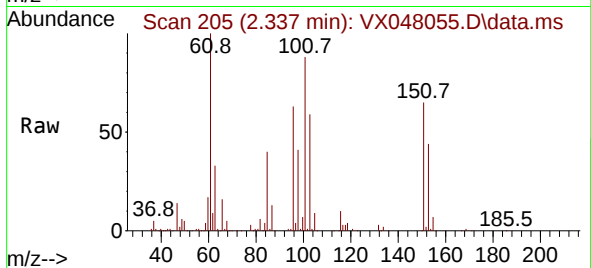
#9
1,1,2-Trichlorotrifluoroethane
Concen: 121.670 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 168044
Ion Ratio Lower Upper
101 100
85 44.4 0.0 88.2
151 71.3 0.0 141.0

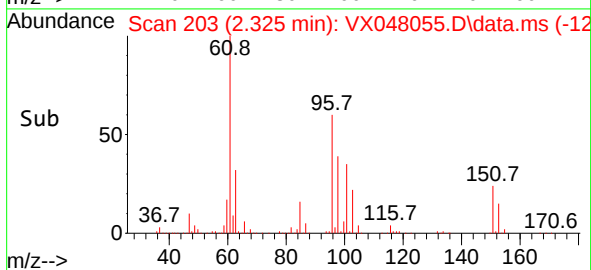
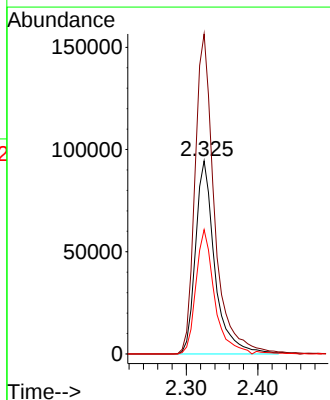
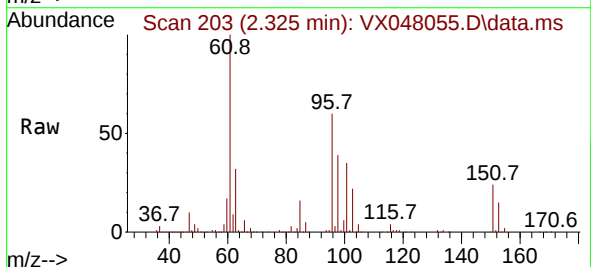
Manual Integrations
APPROVED

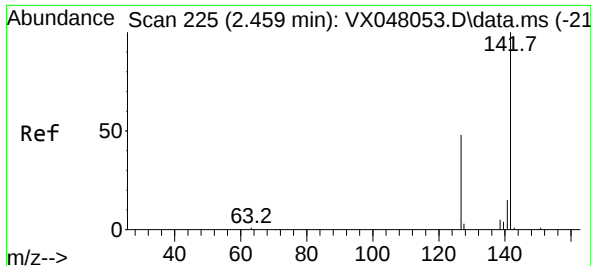
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#10
1,1-Dichloroethene
Concen: 127.417 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

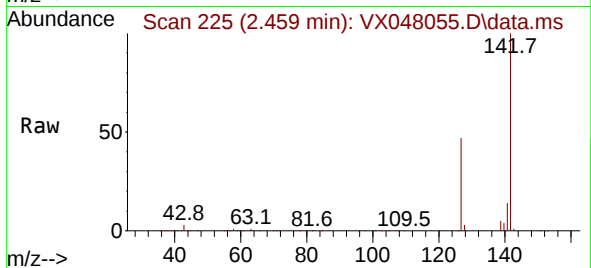
Tgt Ion: 96 Resp: 177501
Ion Ratio Lower Upper
96 100
61 158.8 133.4 200.2
98 63.7 49.8 74.6





#11
Methyl Iodide
Concen: 147.407 ug/l m
RT: 2.459 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

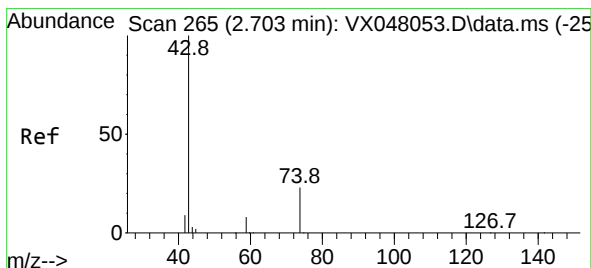
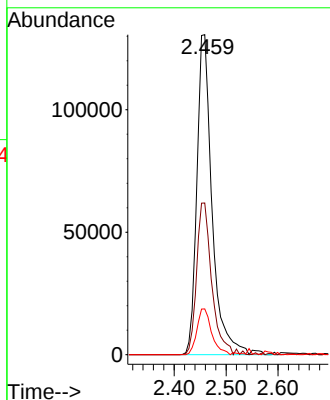
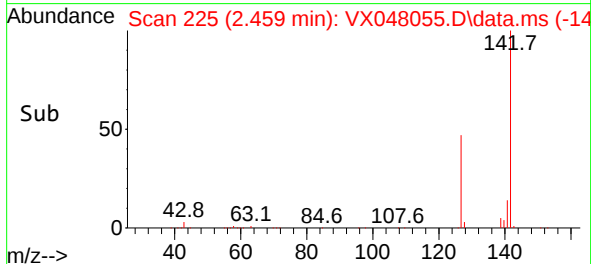
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 267244
Ion Ratio Lower Upper
142 100
127 47.4 24.1 72.4
141 14.3 7.2 21.7

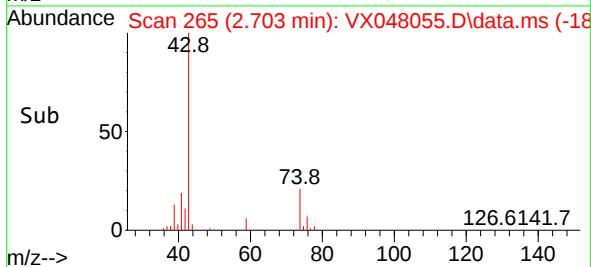
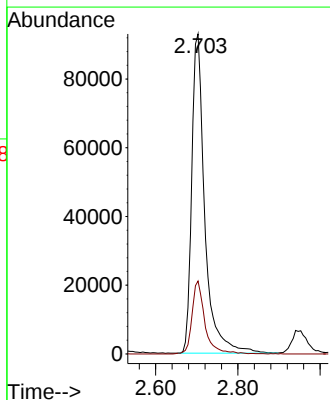
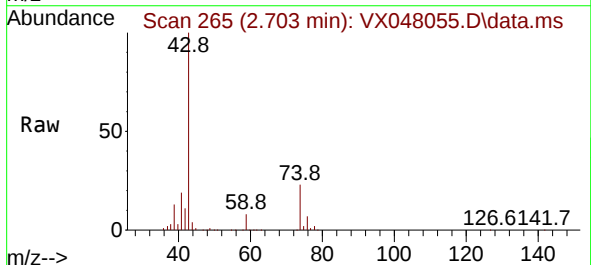
Manual Integrations
APPROVED

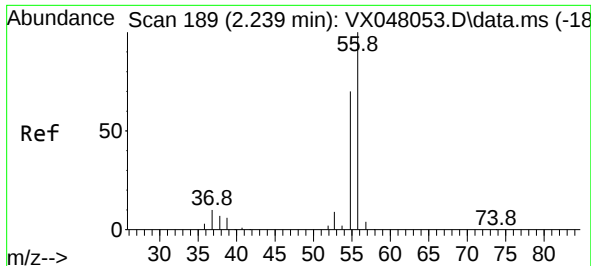
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#12
Methyl Acetate
Concen: 126.803 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion: 43 Resp: 204668
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4





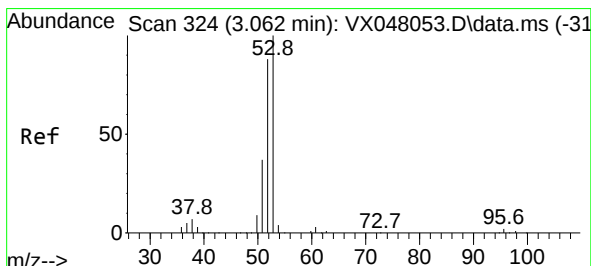
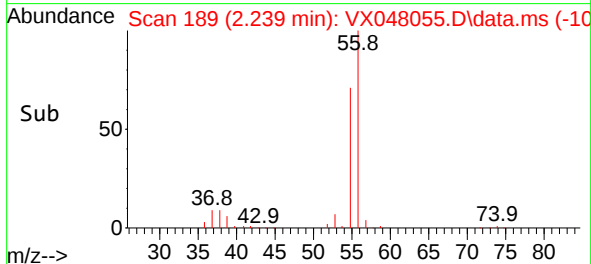
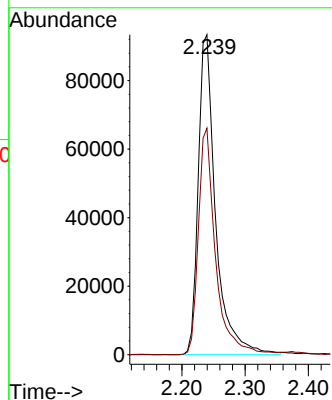
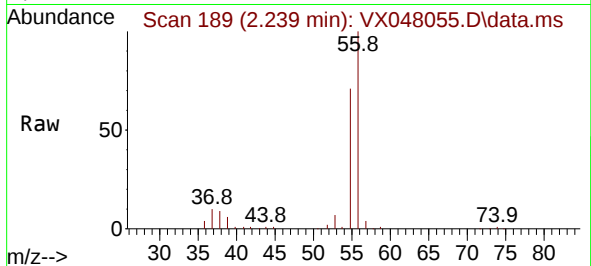
#13
Acrolein
Concen: 901.090 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 178640
Ion Ratio Lower Upper
56 100
55 69.9 57.0 85.6

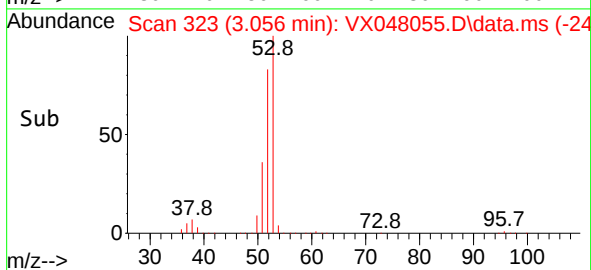
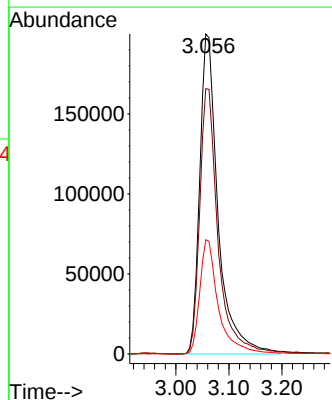
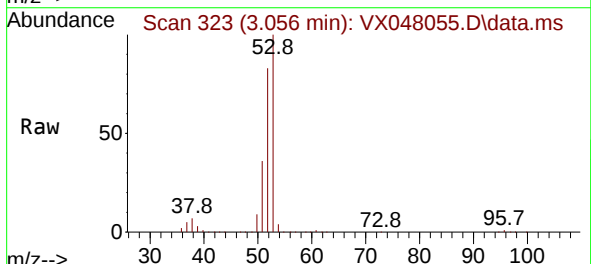
Manual Integrations
APPROVED

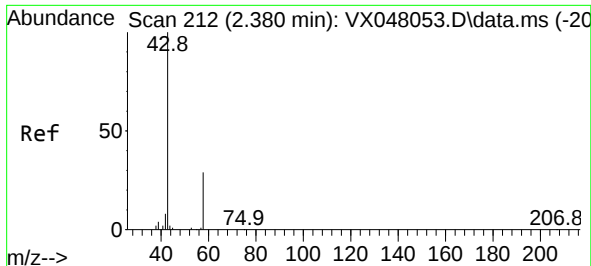
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#14
Acrylonitrile
Concen: 657.594 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

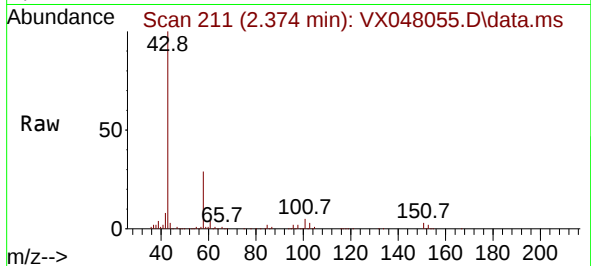
Tgt Ion: 53 Resp: 482069
Ion Ratio Lower Upper
53 100
52 82.5 41.8 125.3
51 36.5 18.6 56.0





#15
Acetone
Concen: 683.772 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

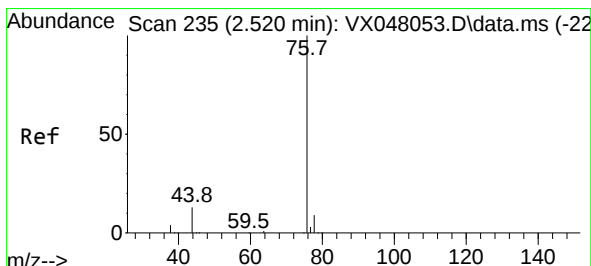
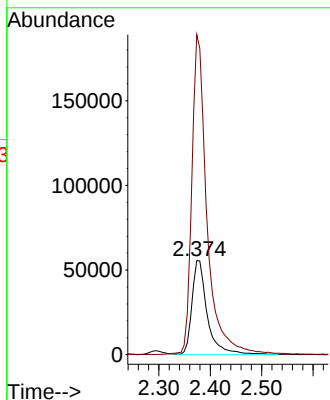
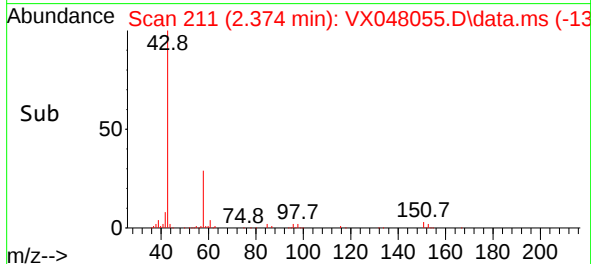
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 58 Resp: 116210
Ion Ratio Lower Upper
58 100
43 339.7 280.7 421.1

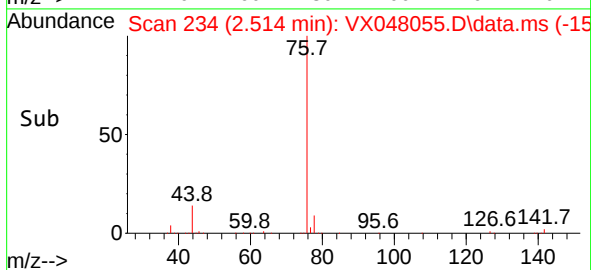
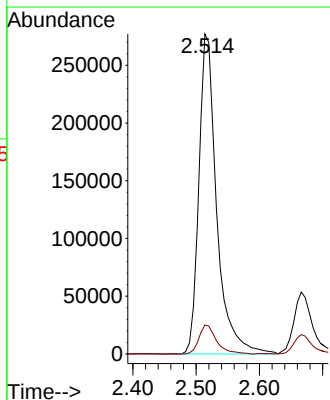
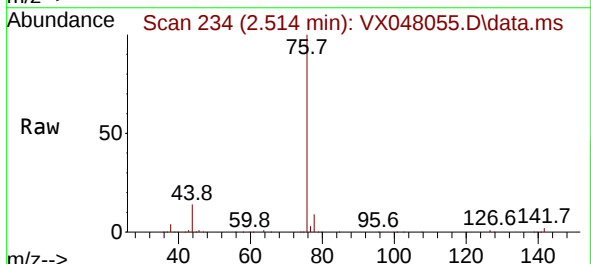
Manual Integrations
APPROVED

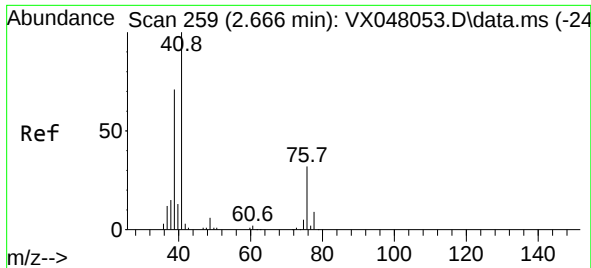
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#16
Carbon Disulfide
Concen: 137.112 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

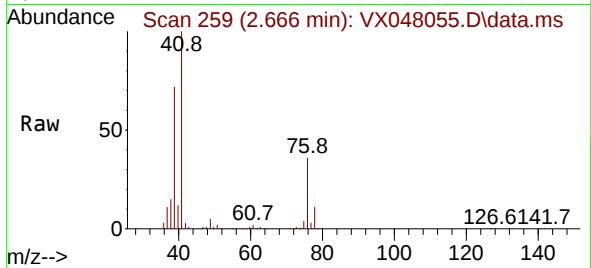
Tgt Ion: 76 Resp: 543517
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0





#17
 Allyl chloride
 Concen: 131.116 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX048055.D
 Acq: 07 Oct 2025 18:03

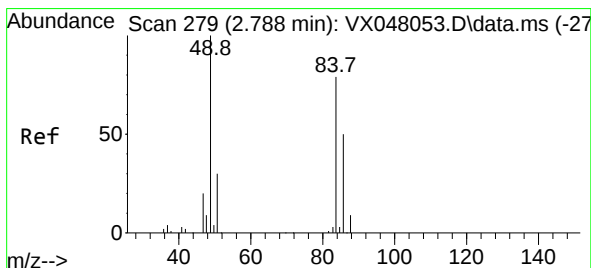
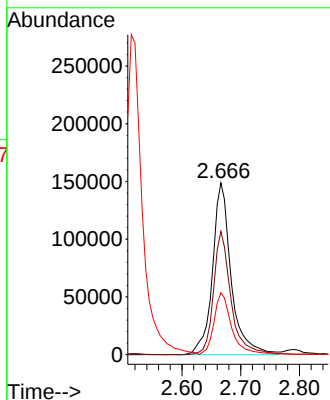
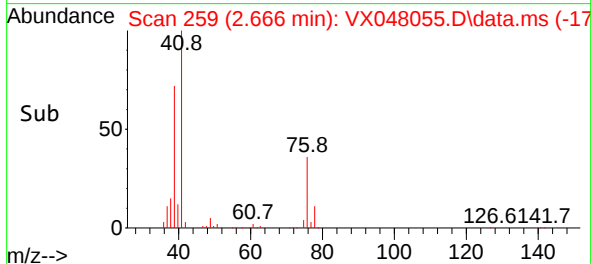
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



Tgt Ion: 41 Resp: 32976
 Ion Ratio Lower Upper
 41 100
 39 71.3 35.0 105.1
 76 35.6 17.8 53.5

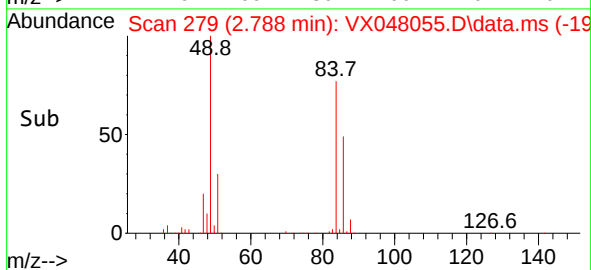
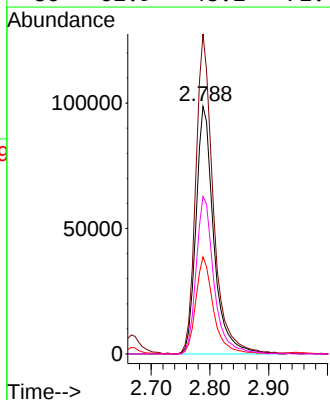
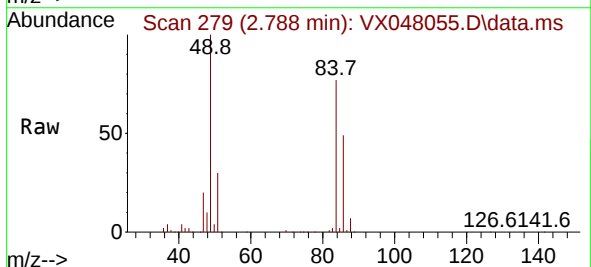
Manual Integrations
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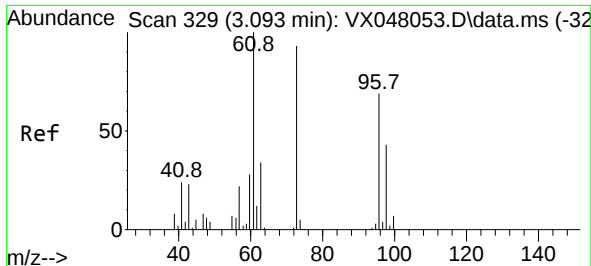
Reviewed By :John Carlone 10/08/2025
 Supervised By :Mahesh Dadoda 10/09/2025



#18
 Methylene Chloride
 Concen: 132.792 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX048055.D
 Acq: 07 Oct 2025 18:03

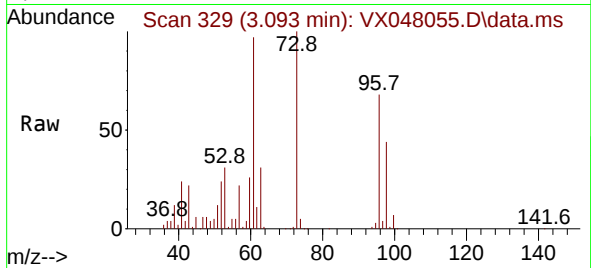
Tgt Ion: 84 Resp: 207359
 Ion Ratio Lower Upper
 84 100
 49 125.5 100.9 151.3
 51 38.0 30.2 45.2
 86 62.9 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 126.661 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

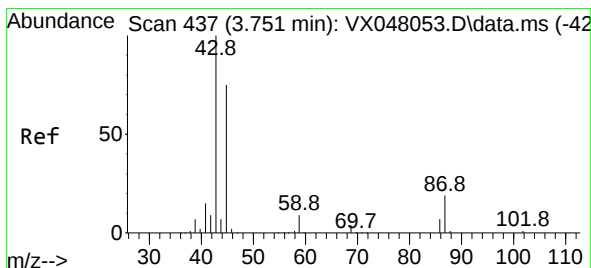
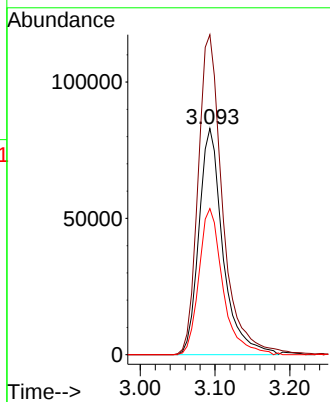
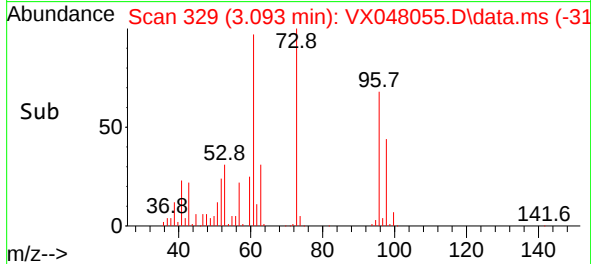
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 18531
Ion Ratio Lower Upper
96 100
61 149.6 121.0 181.6
98 62.9 48.5 72.7

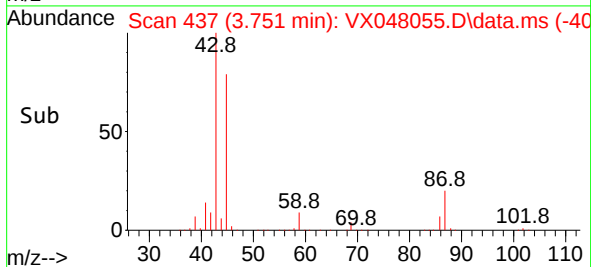
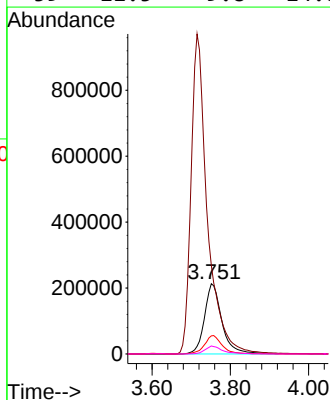
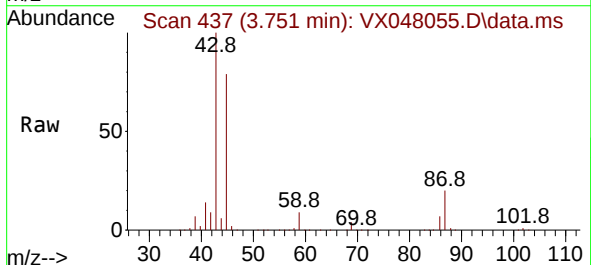
Manual Integrations
APPROVED

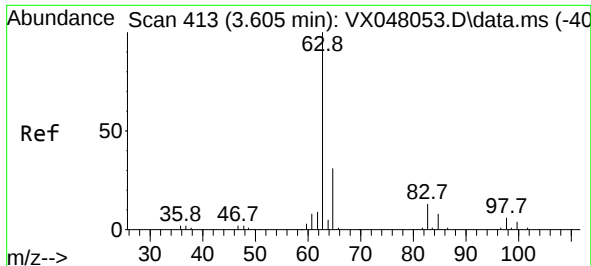
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#20
Diisopropyl ether
Concen: 133.378 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion: 45 Resp: 655594
Ion Ratio Lower Upper
45 100
43 125.9 105.4 158.0
87 25.8 19.7 29.5
59 11.5 9.8 14.8





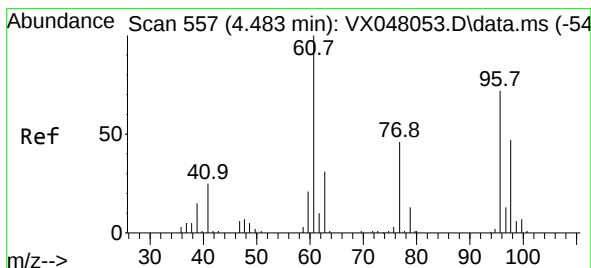
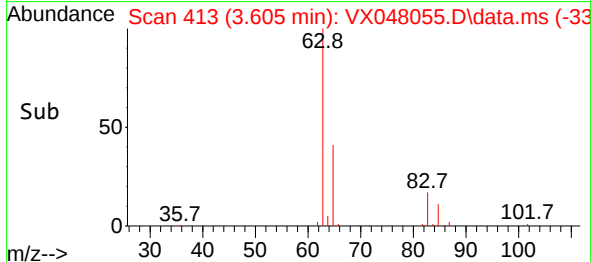
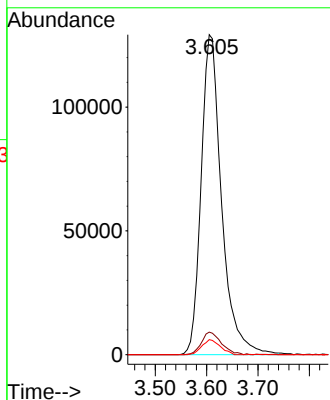
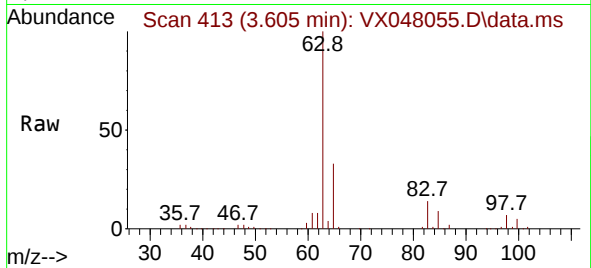
#21
1,1-Dichloroethane
Concen: 128.806 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 356764
Ion Ratio Lower Upper
63 100
98 7.1 3.5 10.6
100 4.7 2.0 5.8

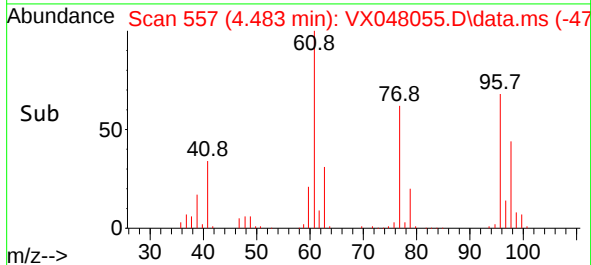
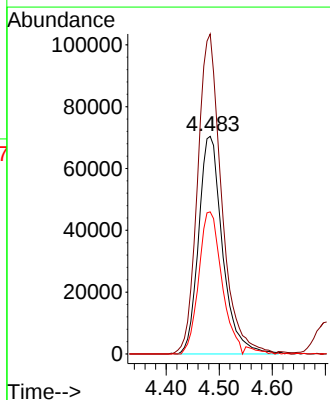
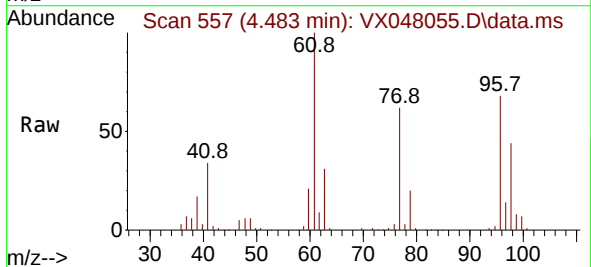
Manual Integrations
APPROVED

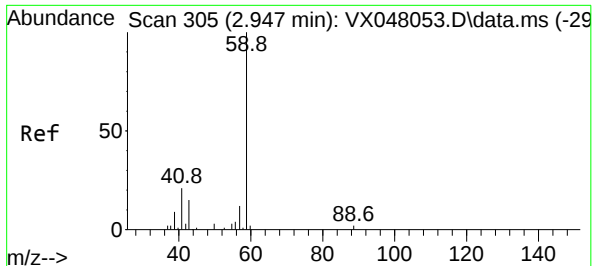
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#22
cis-1,2-Dichloroethene
Concen: 130.402 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

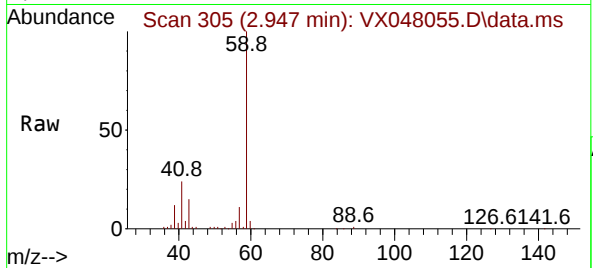
Tgt Ion: 96 Resp: 220169
Ion Ratio Lower Upper
96 100
61 147.7 121.4 182.0
98 62.9 19.6 29.4#





#23
tert-Butyl Alcohol
Concen: 748.530 ug/l m
RT: 2.947 min Scan# 305
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

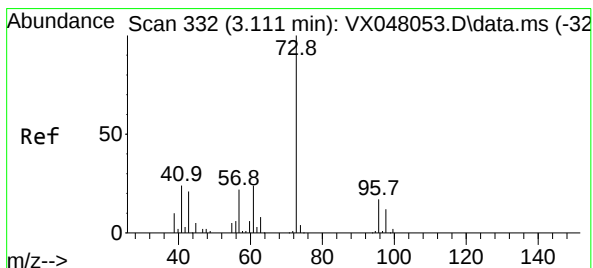
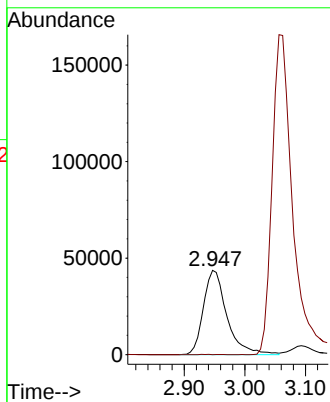
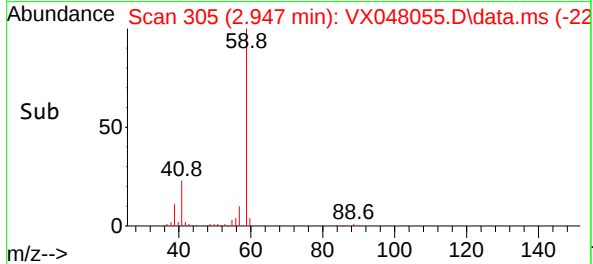
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 59 Resp: 117389
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

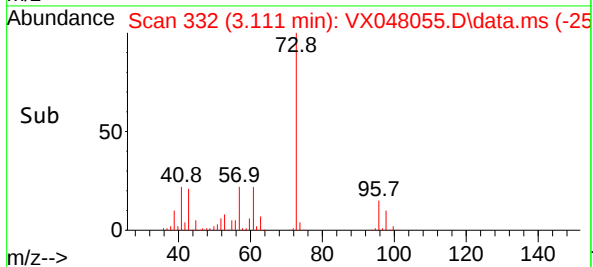
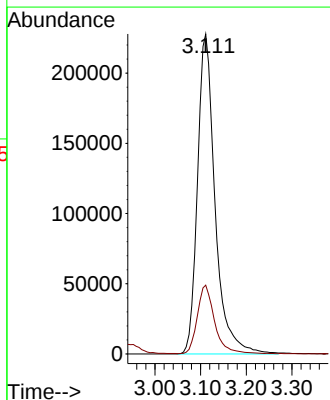
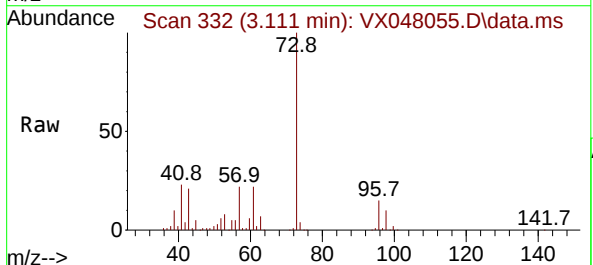
Manual Integrations
APPROVED

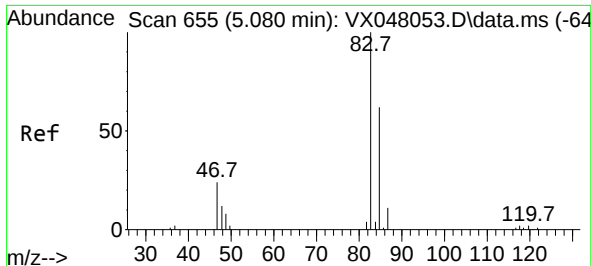
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#24
Methyl tert-Butyl Ether
Concen: 138.391 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion: 73 Resp: 607836
Ion Ratio Lower Upper
73 100
43 20.9 17.1 25.7





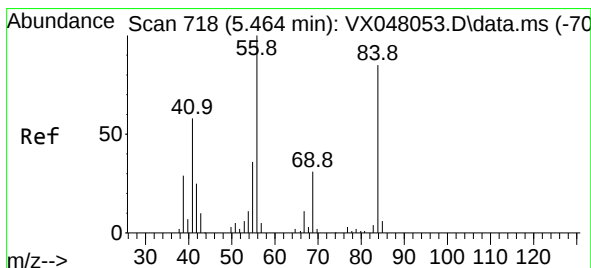
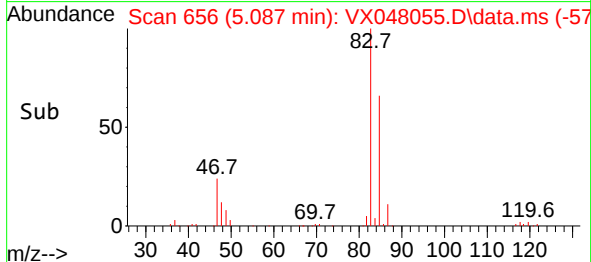
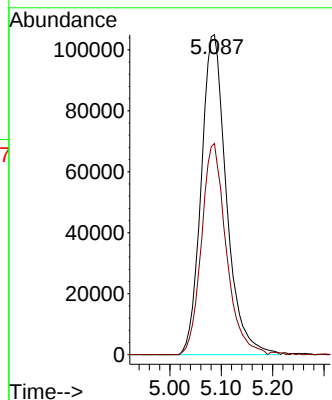
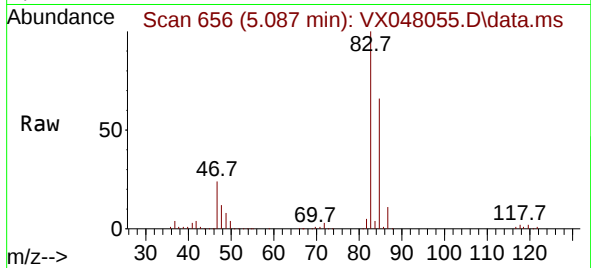
#25
Chloroform
Concen: 125.638 ug/l
RT: 5.087 min Scan# 611
Delta R.T. 0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 35712
Ion Ratio Lower Upper
83 100
85 64.6 50.3 75.5

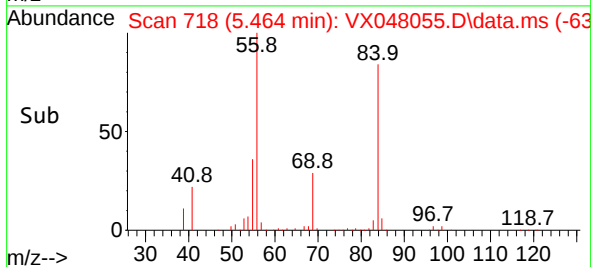
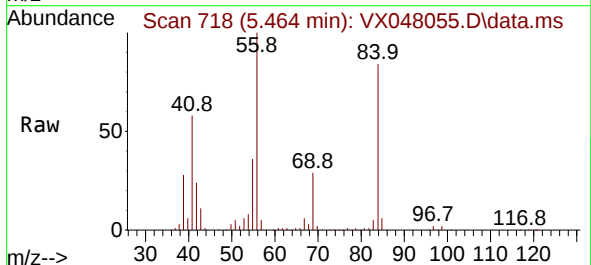
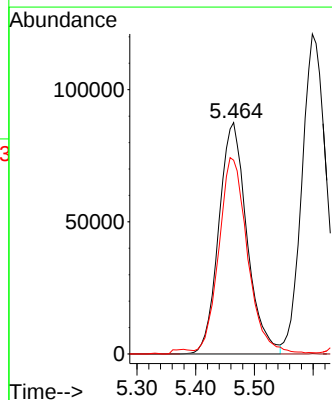
Manual Integrations
APPROVED

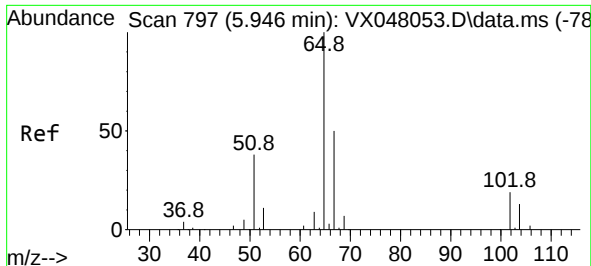
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#26
Cyclohexane
Concen: 119.400 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion: 56 Resp: 291323
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.9 66.6 100.0





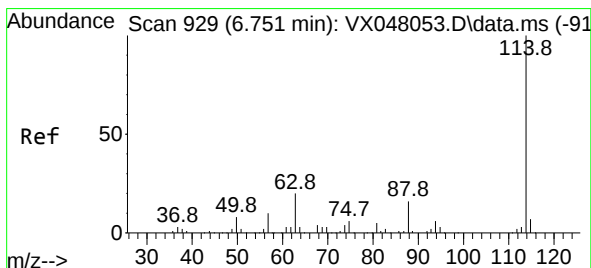
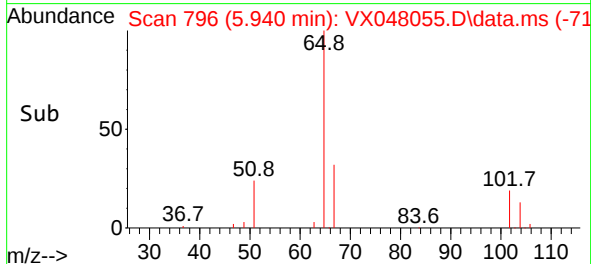
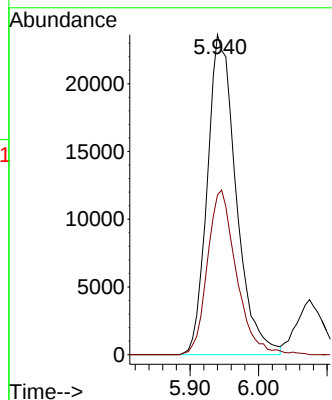
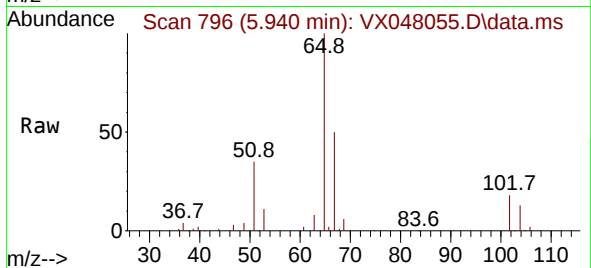
#27
1,2-Dichloroethane-d4
Concen: 36.056 ug/l
RT: 5.940 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 68938
Ion Ratio Lower Upper
65 100
67 51.0 41.0 61.4

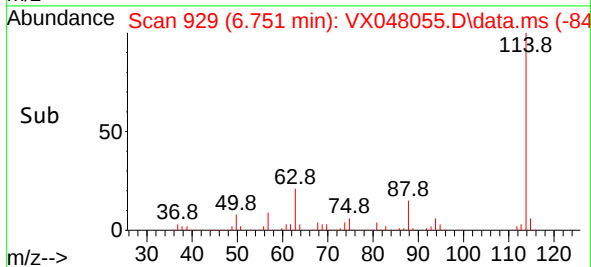
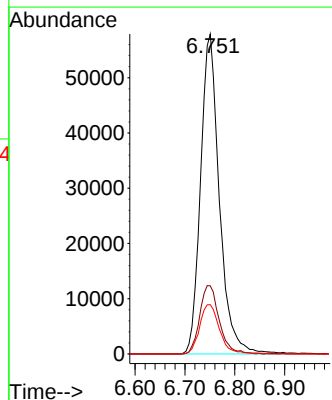
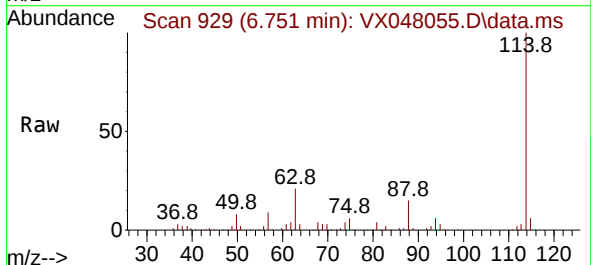
Manual Integrations
APPROVED

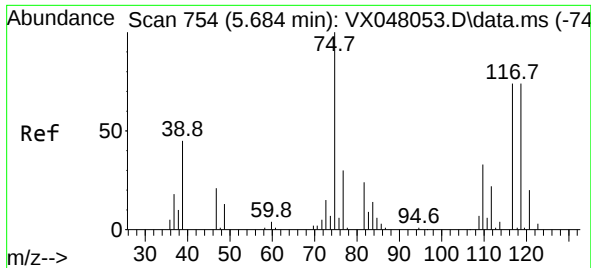
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion:114 Resp: 151477
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.0
88 16.2 12.8 19.2





#29
1,1-Dichloropropene
Concen: 103.118 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :

MSVOA_X

ClientSampleId :

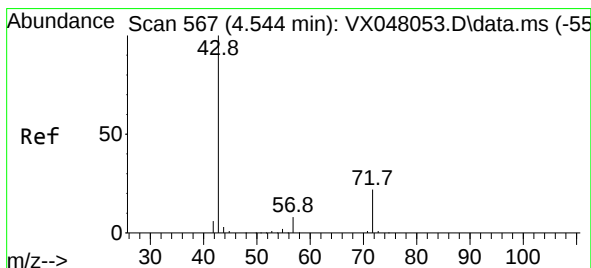
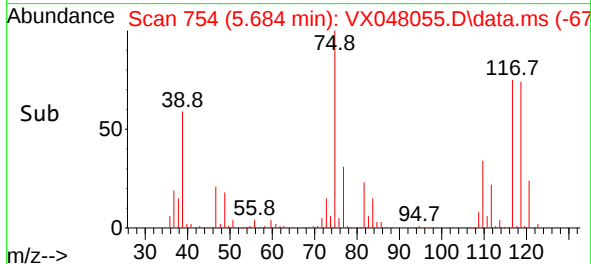
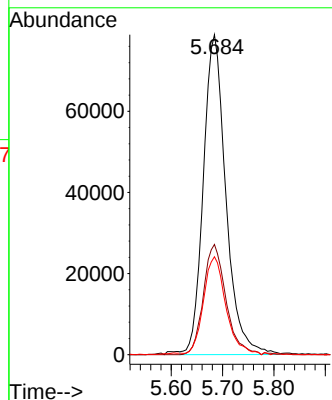
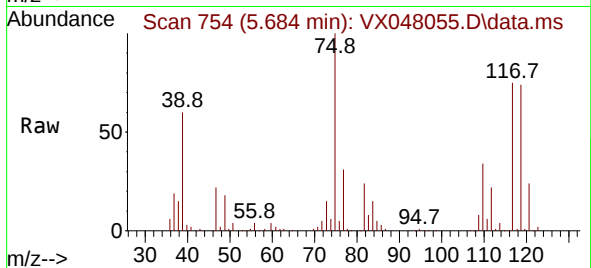
VSTDICC100

Tgt Ion: 75 Resp: 240625
Ion Ratio Lower Upper
75 100
110 34.4 0.0 66.4
77 30.1 0.0 61.8

Manual Integrations

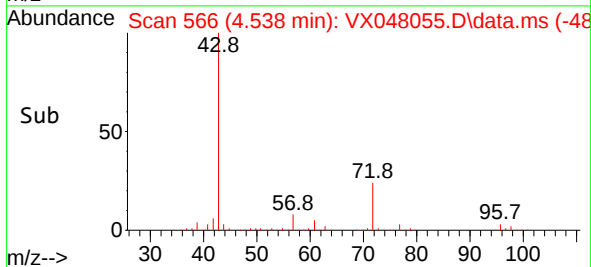
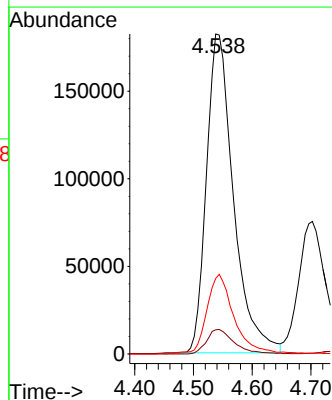
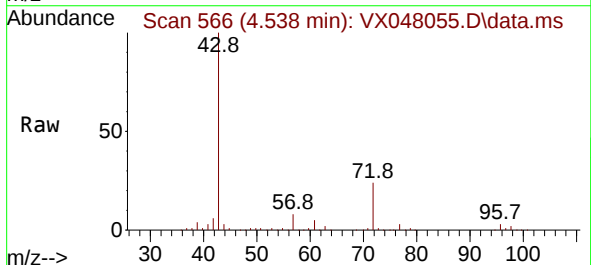
APPROVED

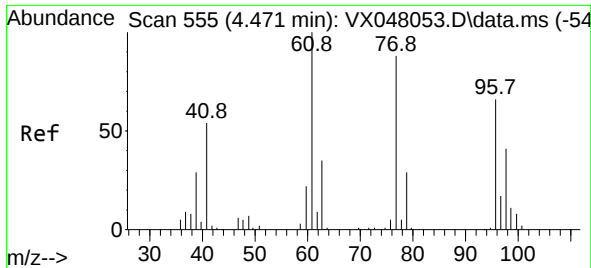
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#30
2-Butanone
Concen: 546.400 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion: 43 Resp: 582206
Ion Ratio Lower Upper
43 100
57 7.8 6.6 9.8
72 23.6 18.9 28.3





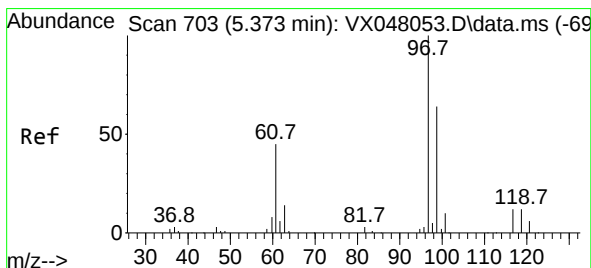
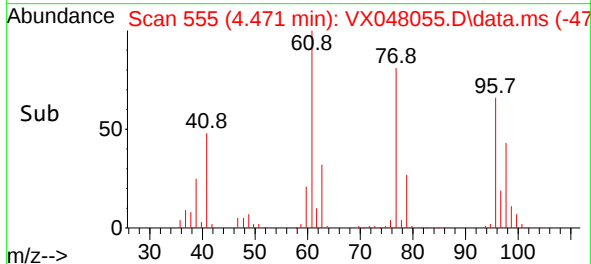
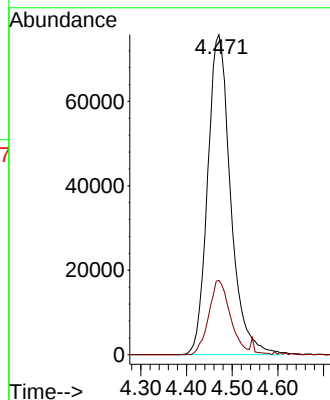
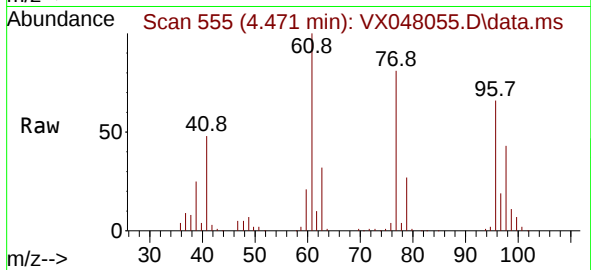
#31
2,2-Dichloropropane
Concen: 121.892 ug/l
RT: 4.471 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 26511
Ion Ratio Lower Upper
77 100
97 21.8 13.8 20.8

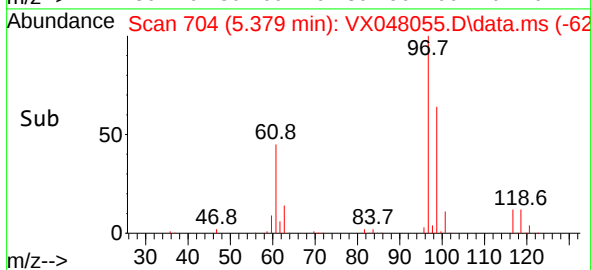
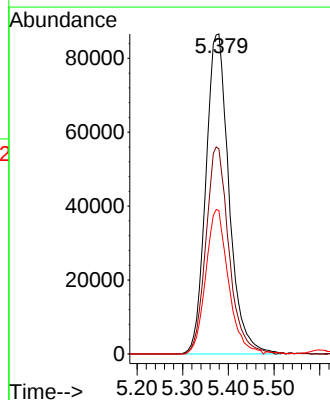
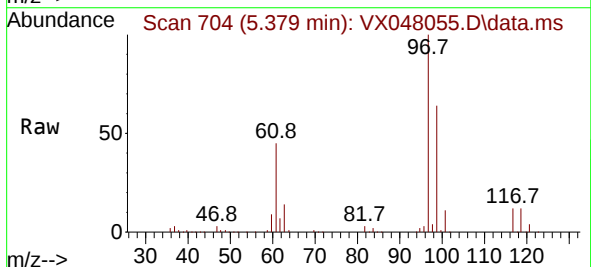
Manual Integrations
APPROVED

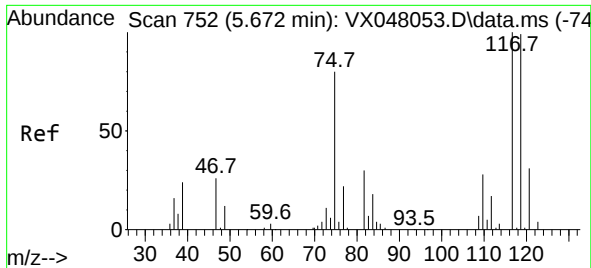
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#32
1,1,1-Trichloroethane
Concen: 104.370 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

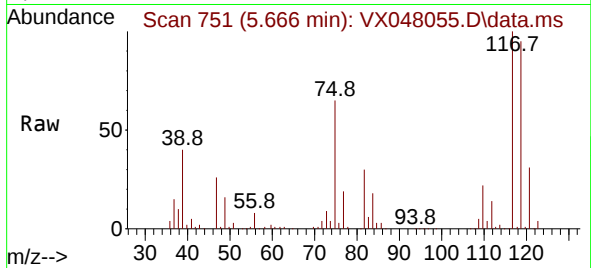
Tgt Ion: 97 Resp: 304665
Ion Ratio Lower Upper
97 100
99 64.4 50.4 75.6
61 44.3 36.9 55.3





#33
Carbon Tetrachloride
Concen: 99.577 ug/l m
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

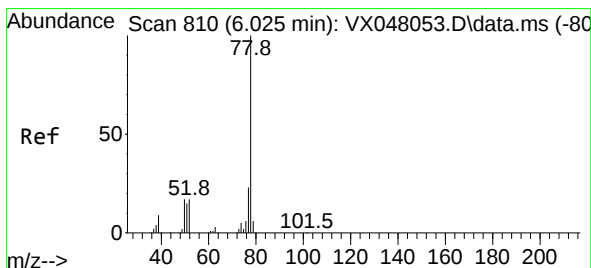
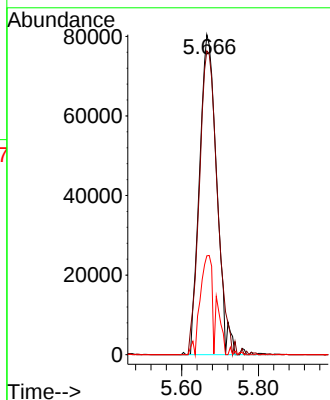
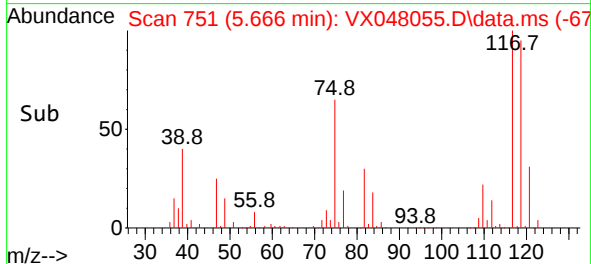
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 250139
Ion Ratio Lower Upper
117 100
119 95.0 79.1 118.7
121 30.9 24.6 37.0

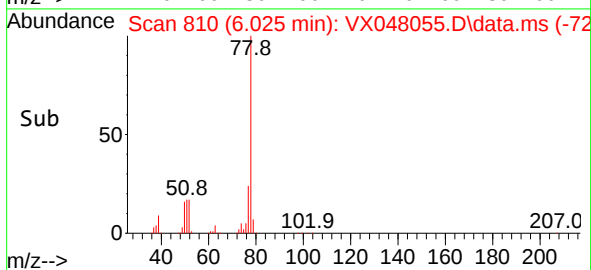
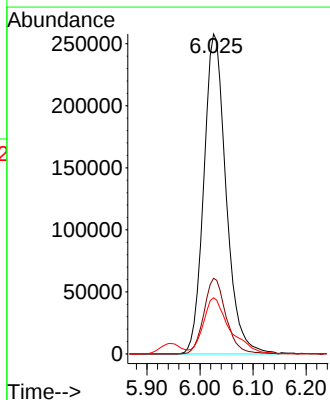
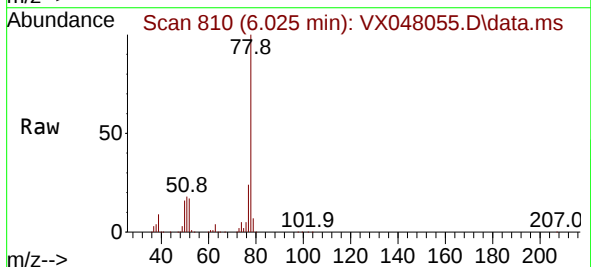
Manual Integrations
APPROVED

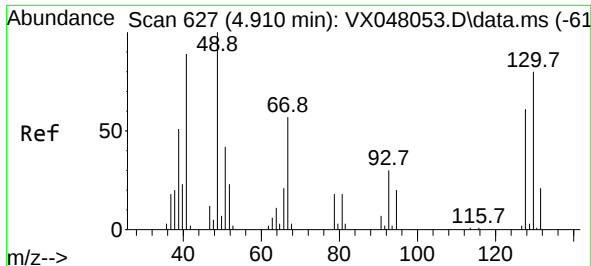
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#34
Benzene
Concen: 107.370 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

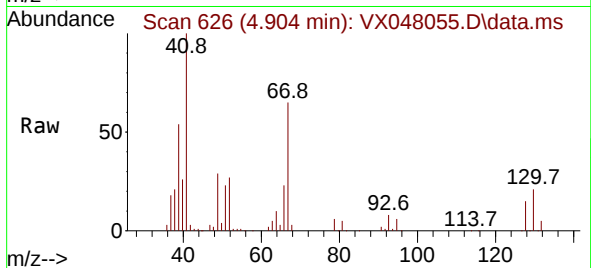
Tgt Ion: 78 Resp: 751326
Ion Ratio Lower Upper
78 100
77 22.1 16.3 24.5
51 16.3 13.8 20.8





#35
Methacrylonitrile
Concen: 104.798 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

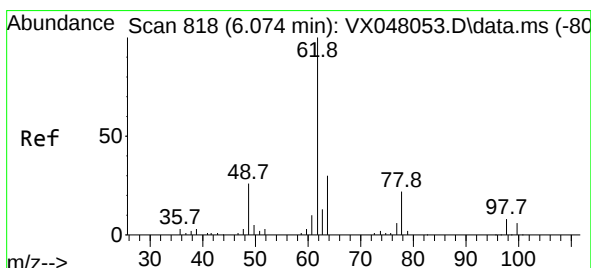
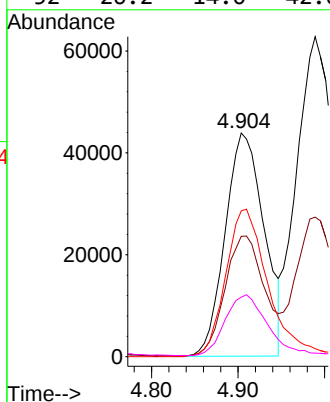
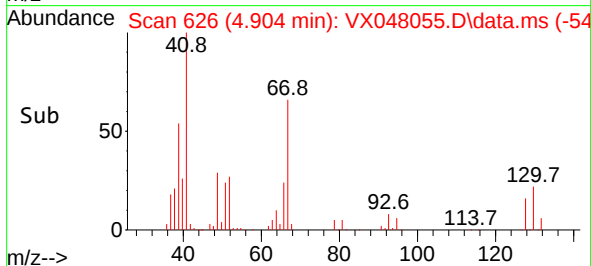
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 13714
Ion Ratio Lower Upper
41 100
39 53.7 25.4 76.2
67 65.3 33.3 99.9
52 26.2 14.0 42.0

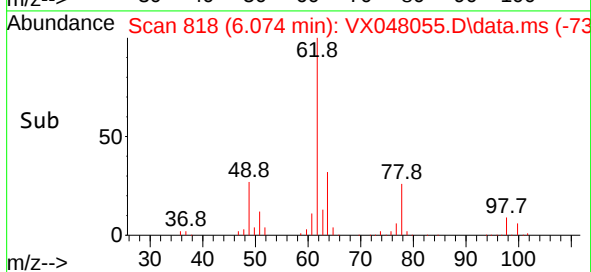
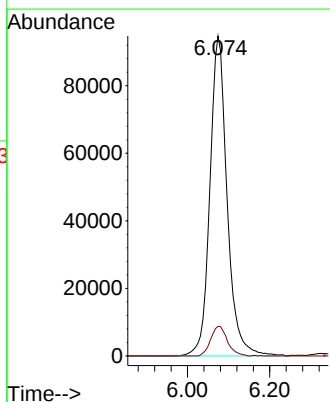
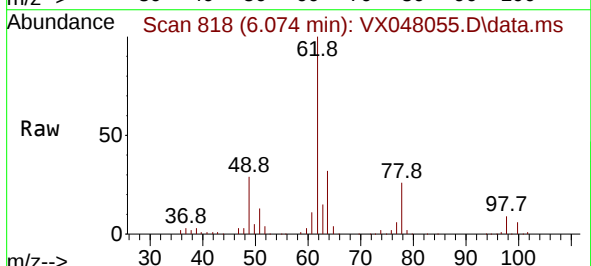
Manual Integrations
APPROVED

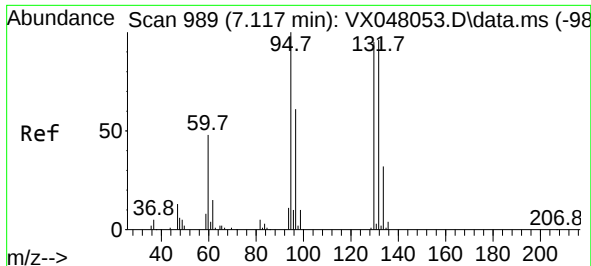
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#36
1,2-Dichloroethane
Concen: 104.662 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

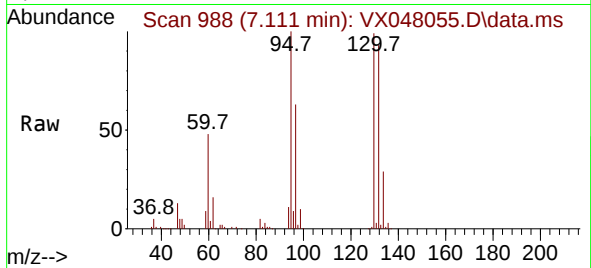
Tgt Ion: 62 Resp: 275302
Ion Ratio Lower Upper
62 100
98 9.0 6.6 9.8





#37
Trichloroethene
Concen: 104.661 ug/l
RT: 7.111 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

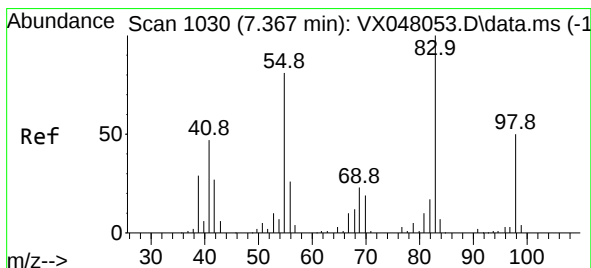
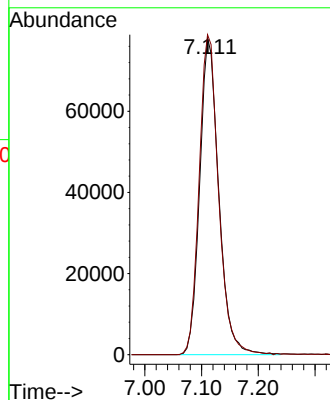
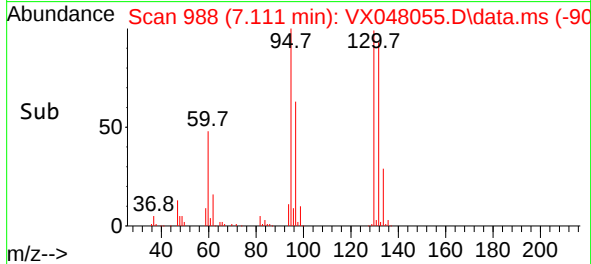
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:130 Resp: 182094
Ion Ratio Lower Upper
130 100
95 100.9 84.6 126.8

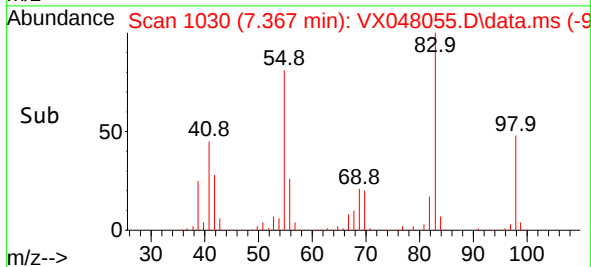
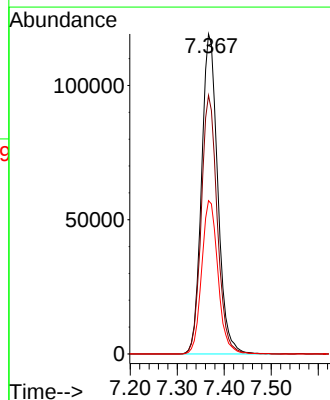
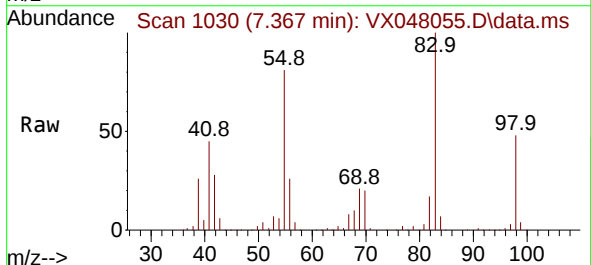
Manual Integrations
APPROVED

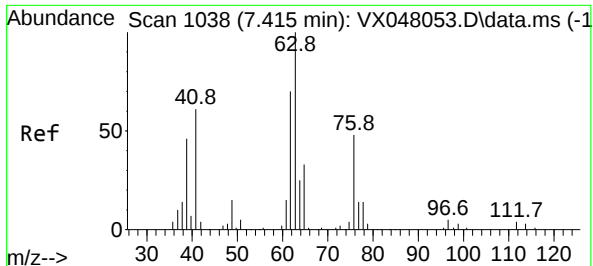
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#38
Methylcyclohexane
Concen: 98.329 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion: 83 Resp: 285373
Ion Ratio Lower Upper
83 100
55 79.7 41.3 123.9
98 48.2 24.9 74.7





#39

1,2-Dichloropropane

Concen: 109.557 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048055.D

Acq: 07 Oct 2025 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 19269

Ion Ratio Lower Upper

63 100

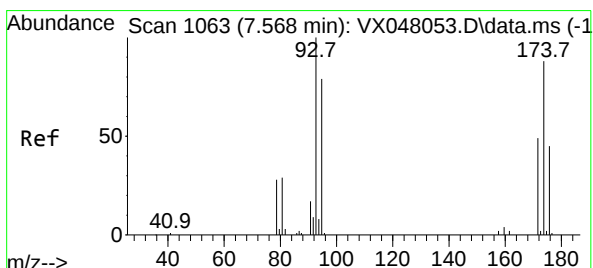
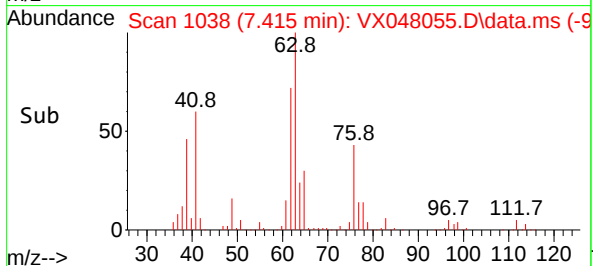
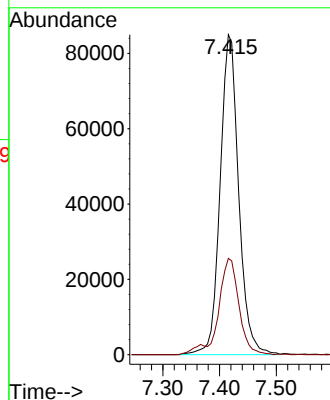
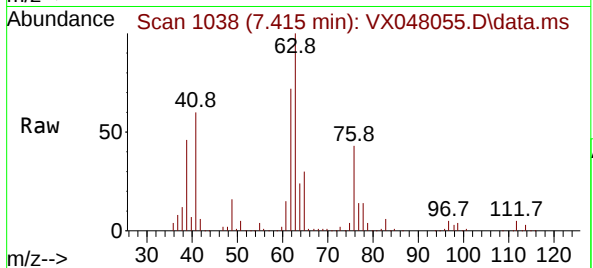
65 30.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#40

Dibromomethane

Concen: 105.362 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048055.D

Acq: 07 Oct 2025 18:03

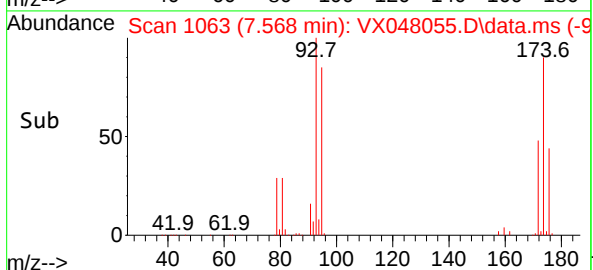
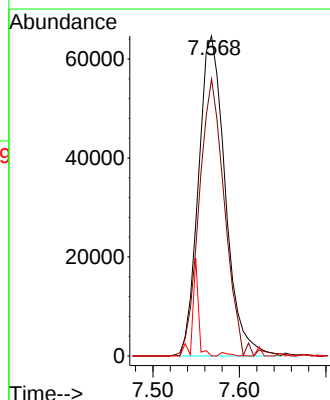
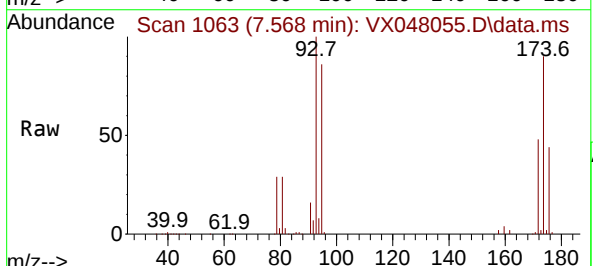
Tgt Ion: 93 Resp: 138715

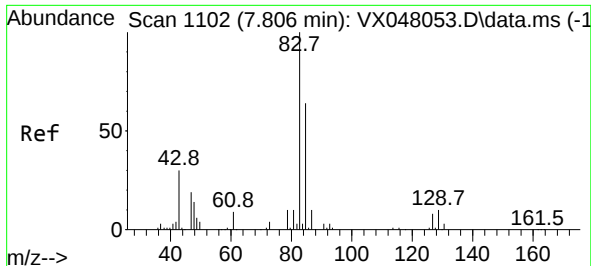
Ion Ratio Lower Upper

93 100

95 80.8 0.0 1.0#

174 0.3 0.0 29.6





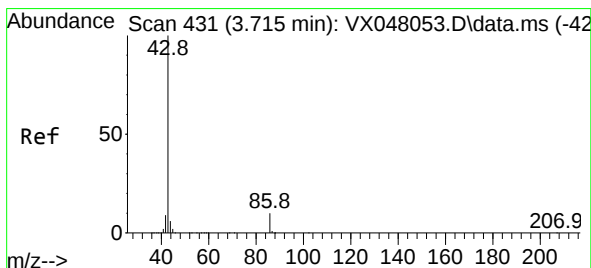
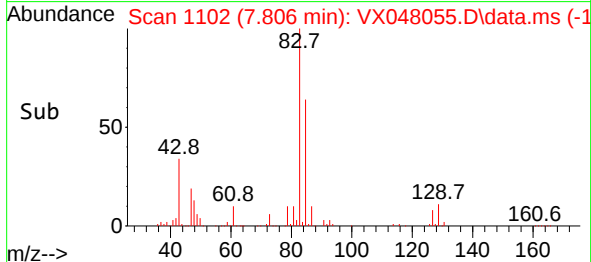
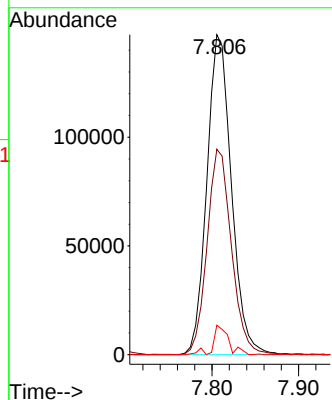
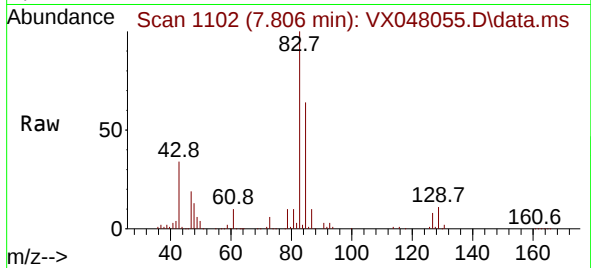
#41
Bromodichloromethane
Concen: 109.077 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 28992
Ion Ratio Lower Upper
83 100
85 63.4 50.9 76.3
127 9.0 6.8 10.2

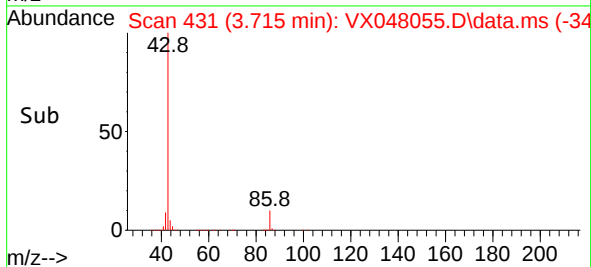
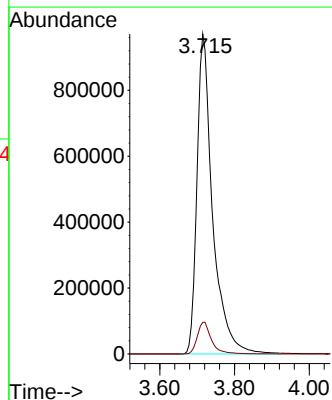
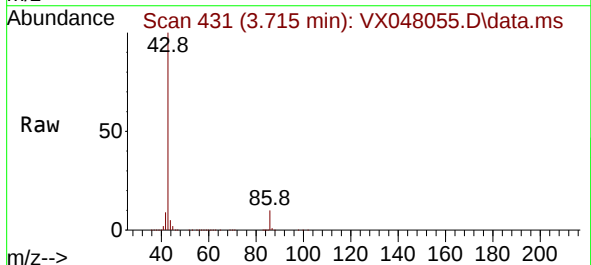
Manual Integrations
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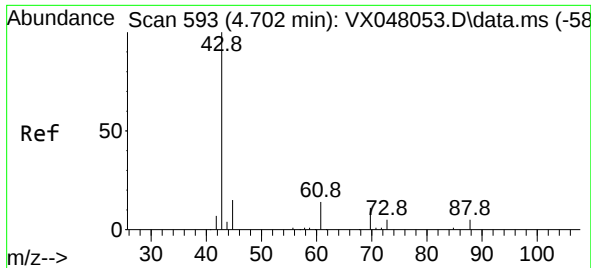
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#42
Vinyl Acetate
Concen: 589.510 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion: 43 Resp: 2816919
Ion Ratio Lower Upper
43 100
86 8.9 7.1 10.7





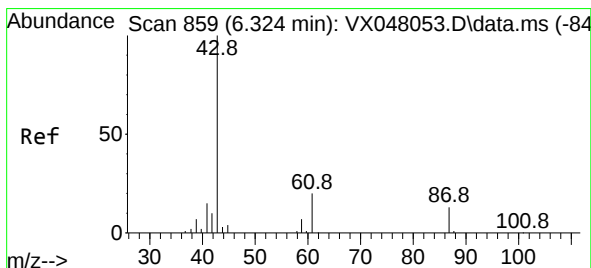
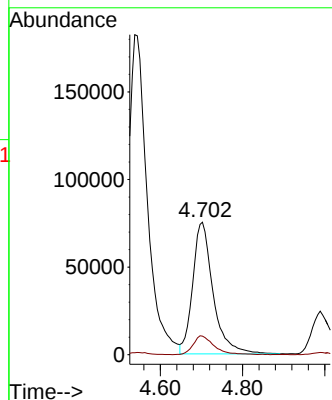
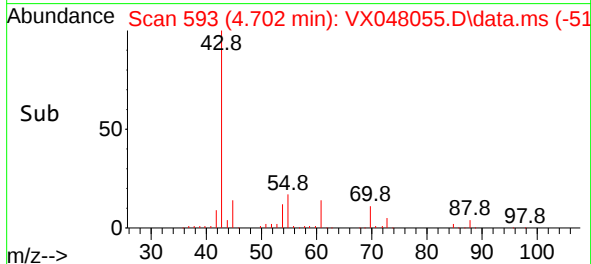
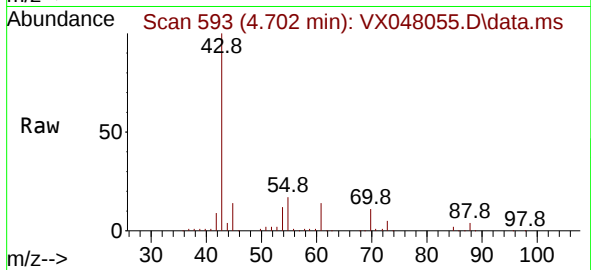
#43
Ethyl Acetate
Concen: 114.100 ug/l
RT: 4.702 min Scan# 593
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 25813
Ion Ratio Lower Upper
43 100
45 14.3 12.3 18.5

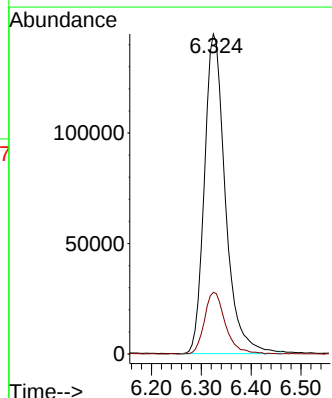
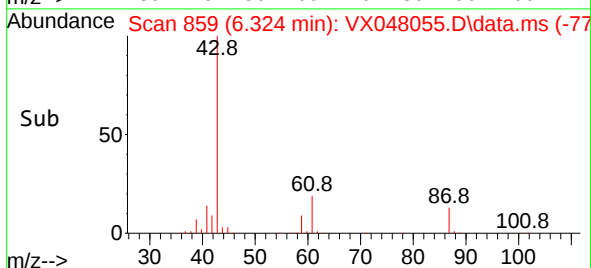
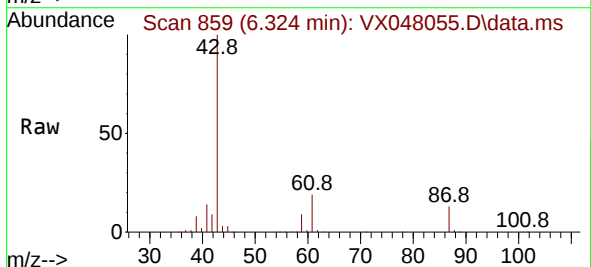
Manual Integrations
APPROVED

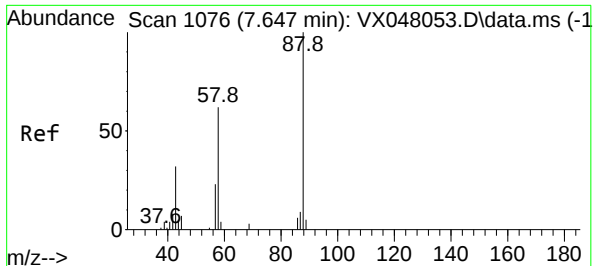
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#44
Isopropyl Acetate
Concen: 116.886 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

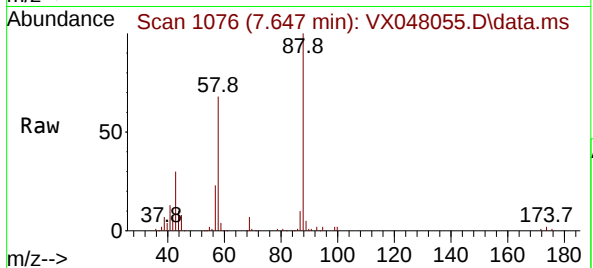
Tgt Ion: 43 Resp: 422598
Ion Ratio Lower Upper
43 100
61 19.3 15.5 23.3





#45
1,4-Dioxane
Concen: 2290.067 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

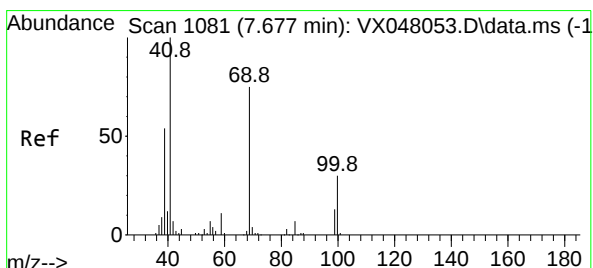
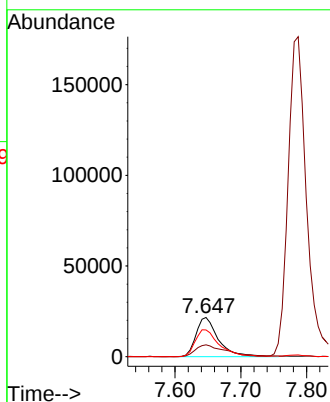
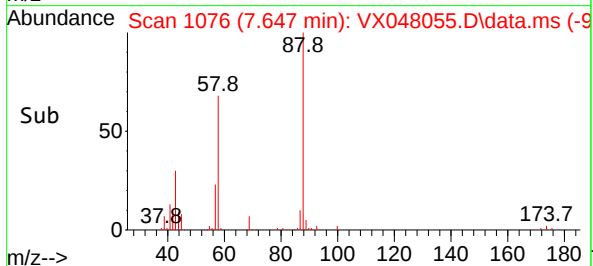
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 51273
Ion Ratio Lower Upper
88 100
43 39.9 20.3 30.5
58 74.1 57.4 86.0

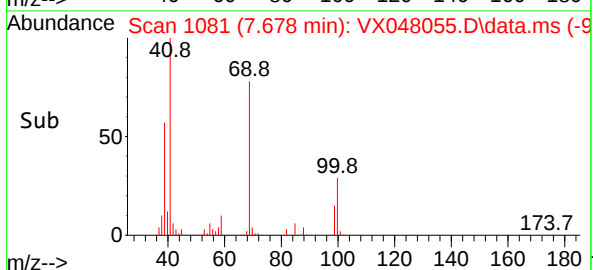
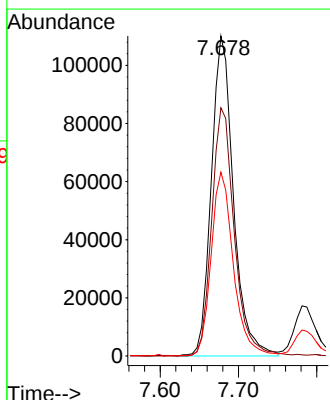
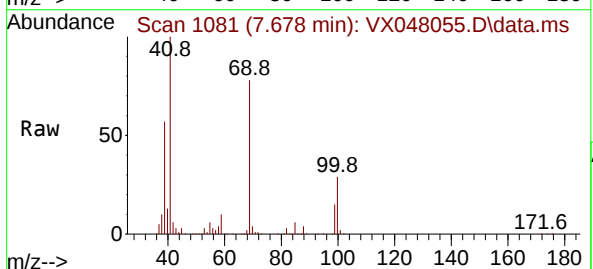
Manual Integrations
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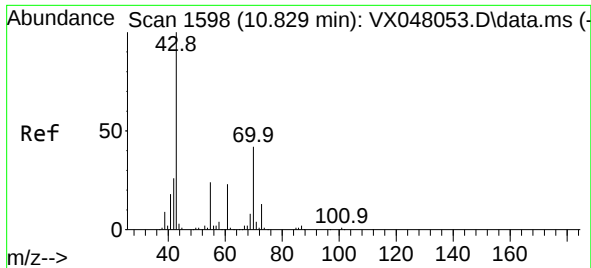
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#46
Methyl methacrylate
Concen: 113.000 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

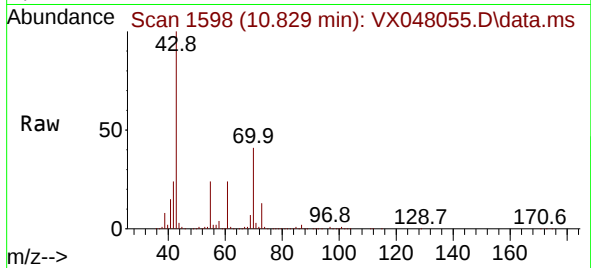
Tgt Ion: 41 Resp: 216569
Ion Ratio Lower Upper
41 100
69 77.5 37.4 112.1
39 57.3 27.0 80.8





#47
n-amy1 Acetate
Concen: 112.328 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

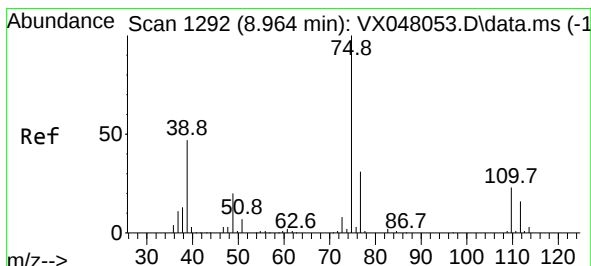
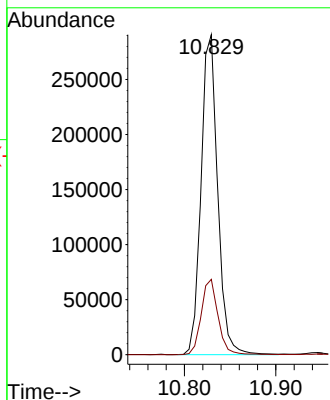
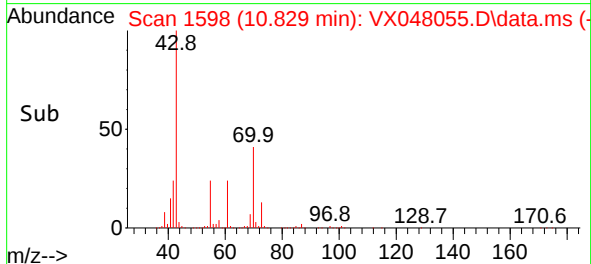
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 367200
Ion Ratio Lower Upper
43 100
55 23.8 19.4 29.0

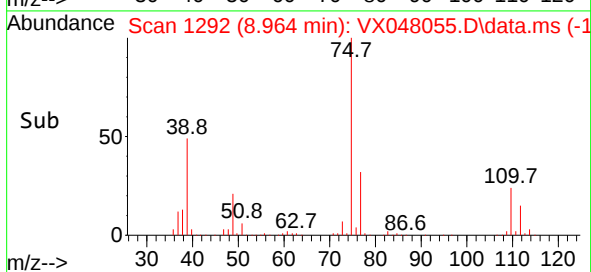
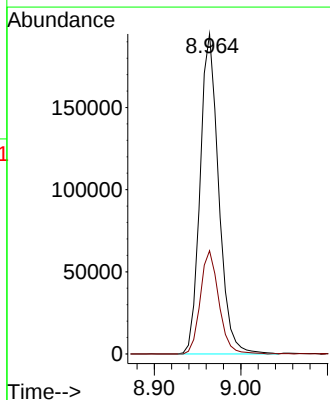
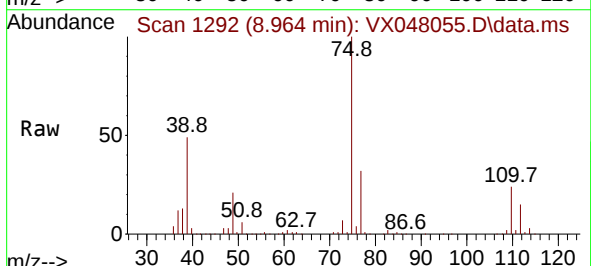
Manual Integrations
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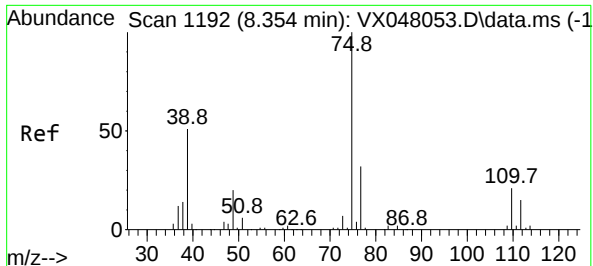
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#48
t-1,3-Dichloropropene
Concen: 118.049 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion: 75 Resp: 290436
Ion Ratio Lower Upper
75 100
77 33.4 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 115.554 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VX048055.D

Acq: 07 Oct 2025 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 31420

Ion Ratio Lower Upper

75 100

77 31.3 26.9 40.3

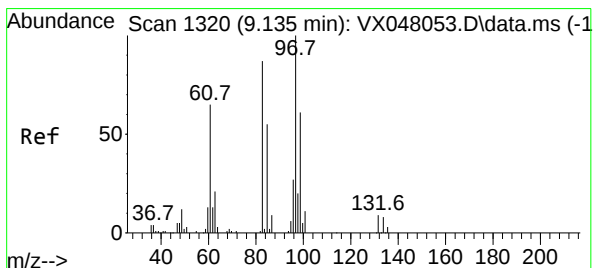
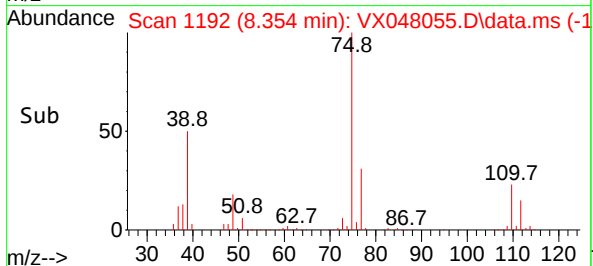
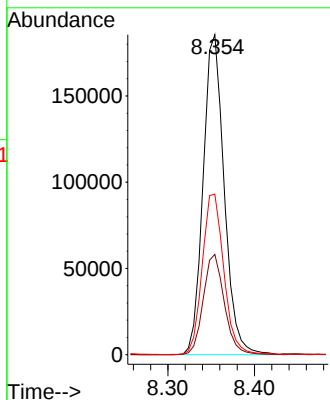
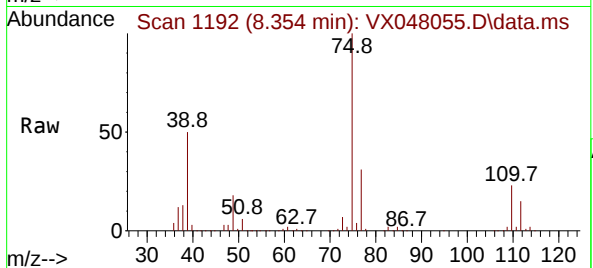
39 49.9 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#50

1,1,2-Trichloroethane

Concen: 106.146 ug/l

RT: 9.135 min Scan# 1320

Delta R.T. 0.000 min

Lab File: VX048055.D

Acq: 07 Oct 2025 18:03

Tgt Ion: 97 Resp: 176318

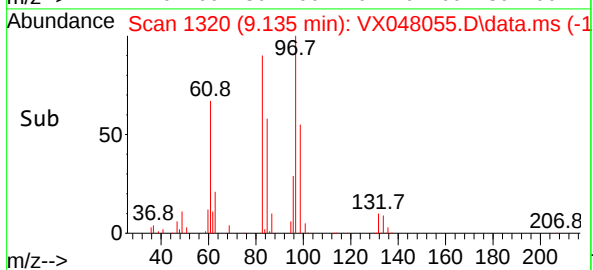
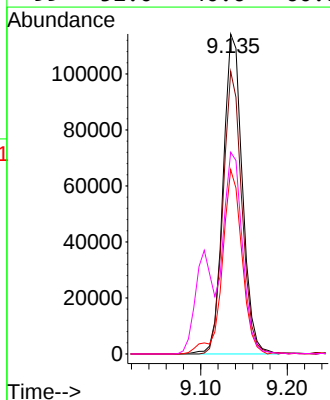
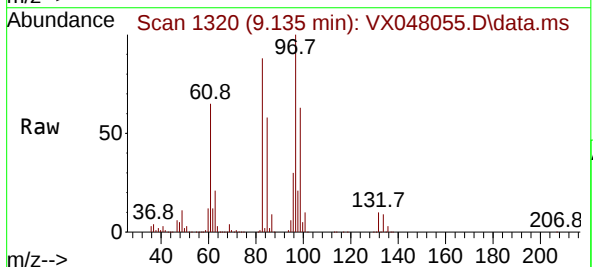
Ion Ratio Lower Upper

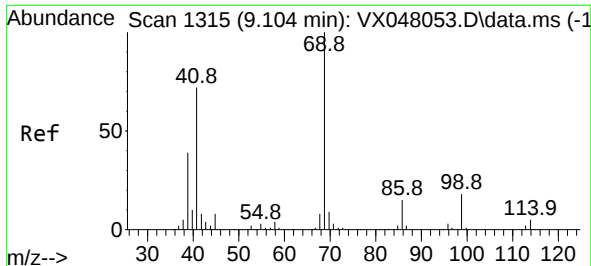
97 100

83 72.9 58.9 88.3

85 47.6 36.8 55.2

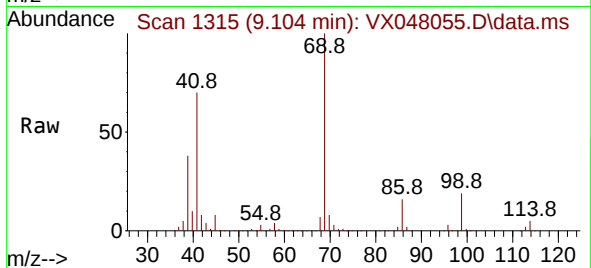
99 52.0 40.6 60.8





#51
Ethyl methacrylate
Concen: 114.785 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

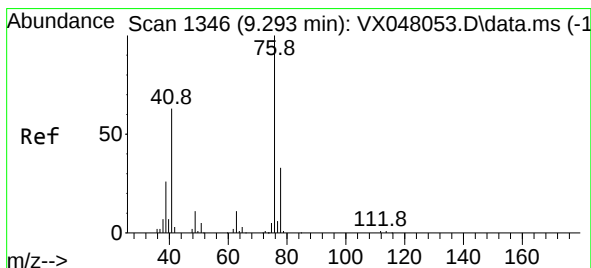
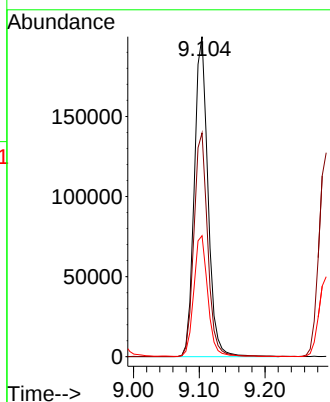
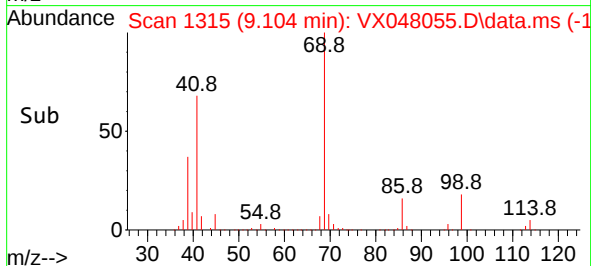
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 69 Resp: 288219
Ion Ratio Lower Upper
69 100
41 69.9 35.9 107.8
39 37.4 19.3 57.9

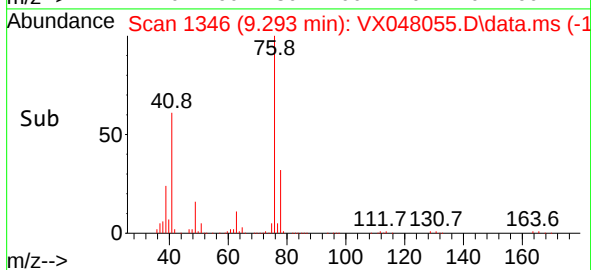
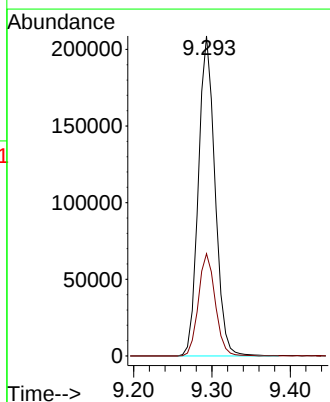
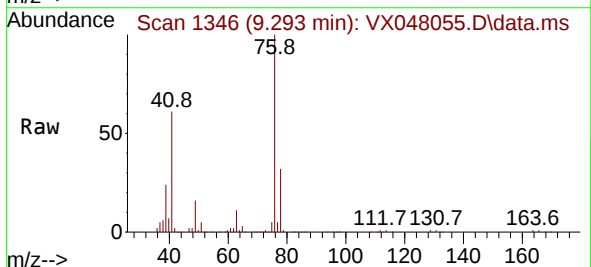
Manual Integrations
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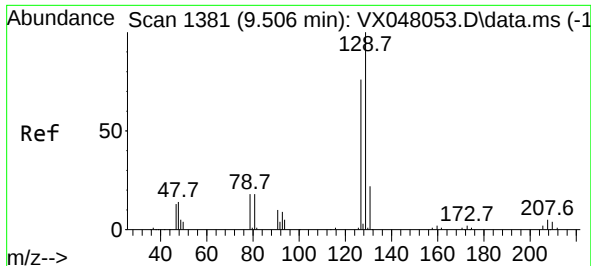
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#52
1,3-Dichloropropane
Concen: 106.947 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion: 76 Resp: 307667
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.2





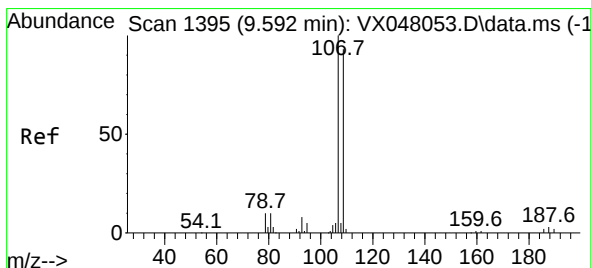
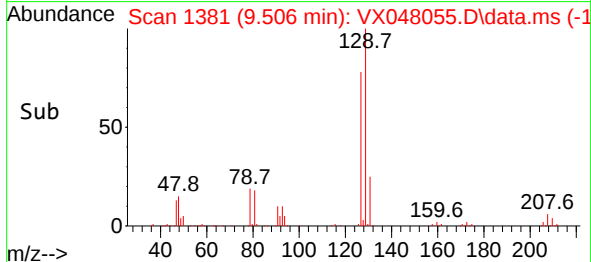
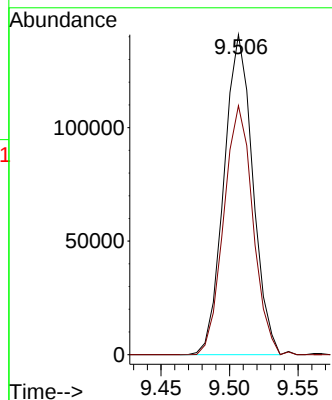
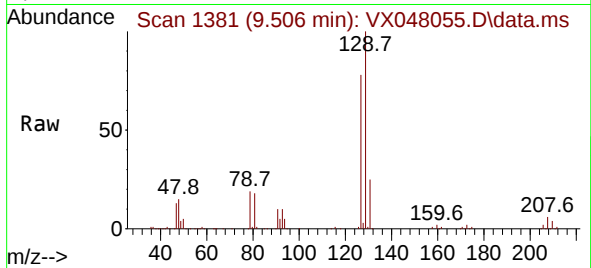
#53
Dibromochloromethane
Concen: 112.797 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 205973
Ion Ratio Lower Upper
129 100
127 78.5 0.1 0.5

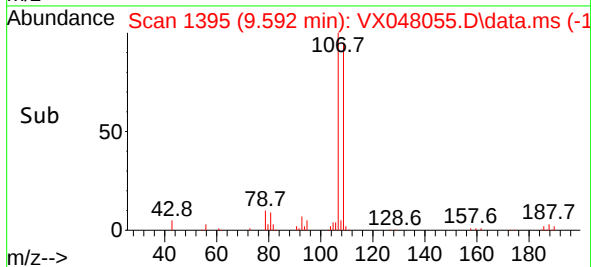
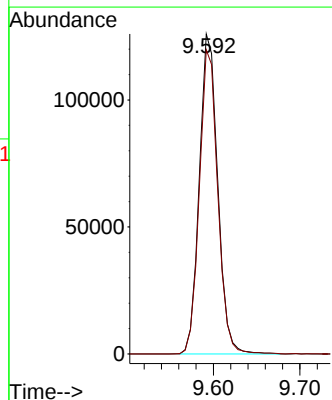
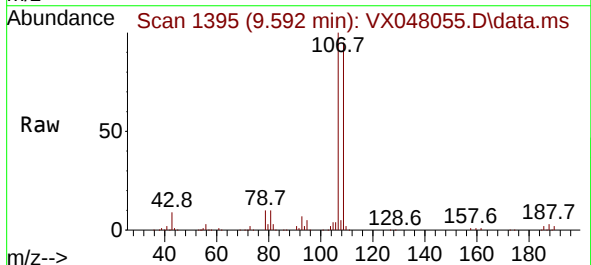
Manual Integrations
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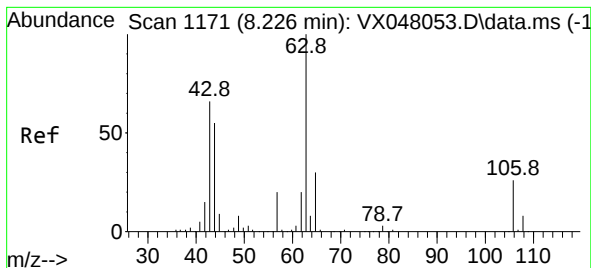
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#54
1,2-Dibromoethane
Concen: 106.741 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion:107 Resp: 186015
Ion Ratio Lower Upper
107 100
109 95.0 75.2 112.8





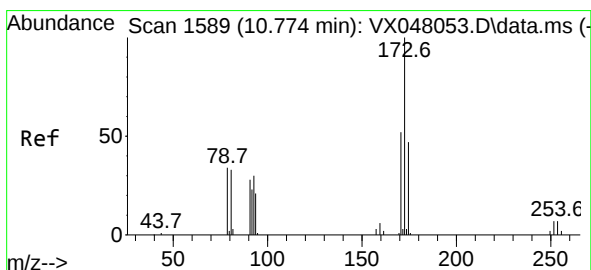
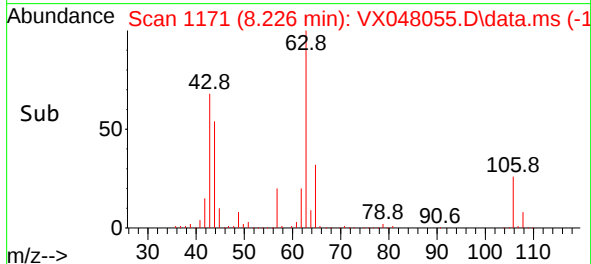
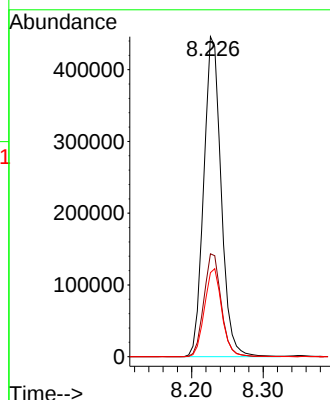
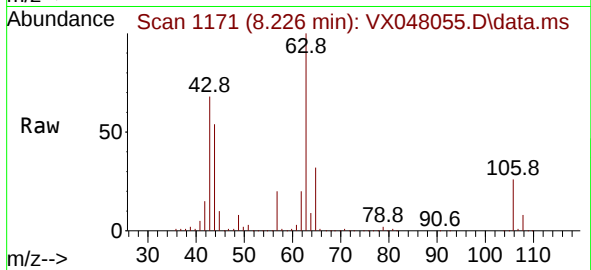
#55
2-Chloroethyl vinyl ether
Concen: 579.989 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 75319
Ion Ratio Lower Upper
63 100
65 32.1 25.0 37.4
106 27.6 21.9 32.9

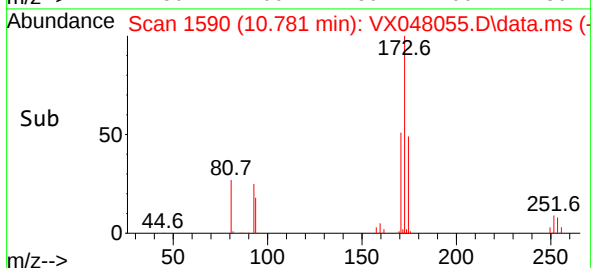
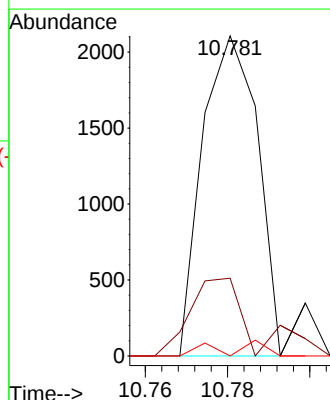
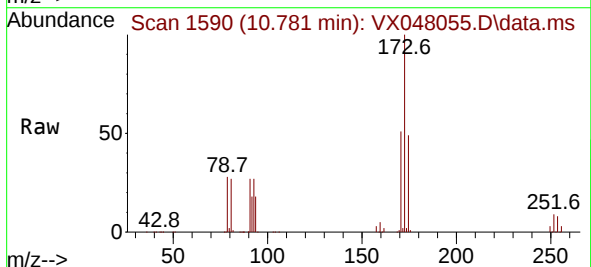
Manual Integrations
APPROVED

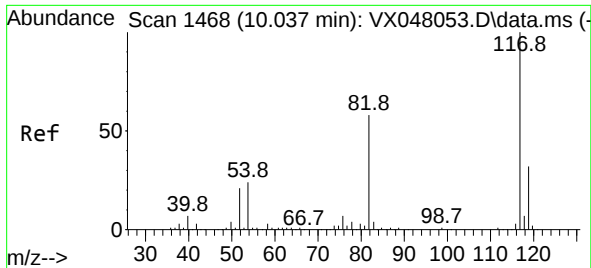
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#56
Bromoform
Concen: 2.056 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

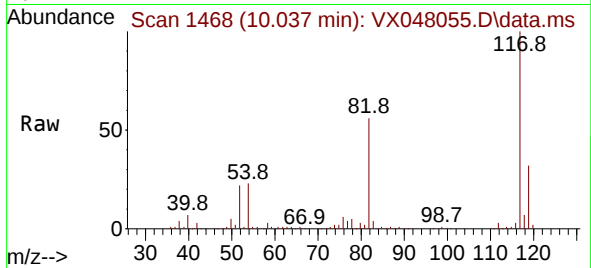
Tgt Ion:173 Resp: 1959
Ion Ratio Lower Upper
173 100
175 21.7 281.0 421.6#
254 1.6 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

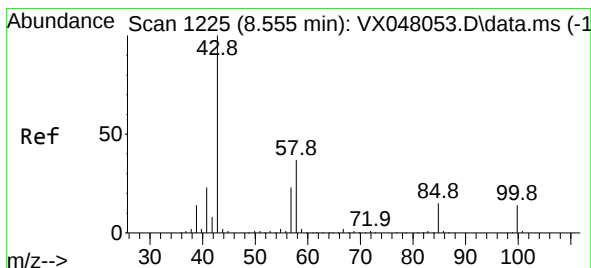
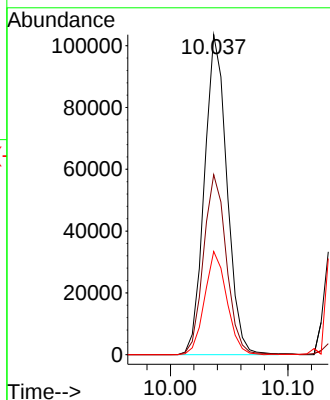
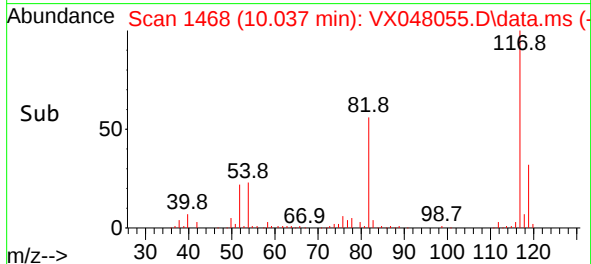
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 117 Resp: 137990
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 31.8 25.6 38.4

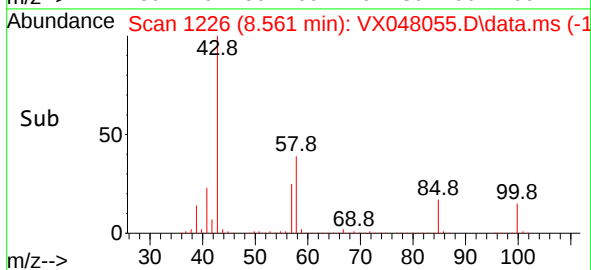
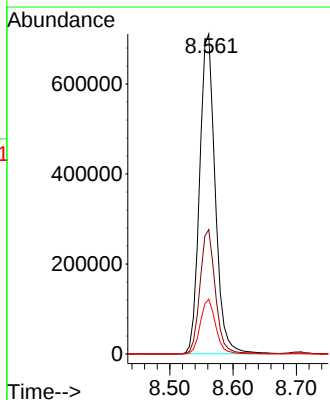
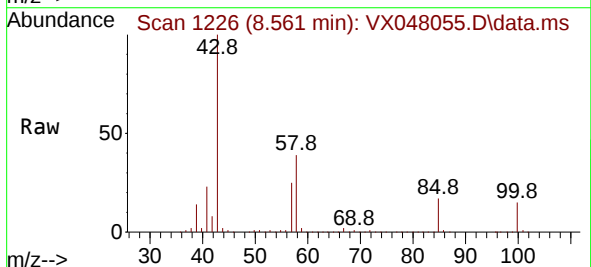
Manual Integrations
APPROVED

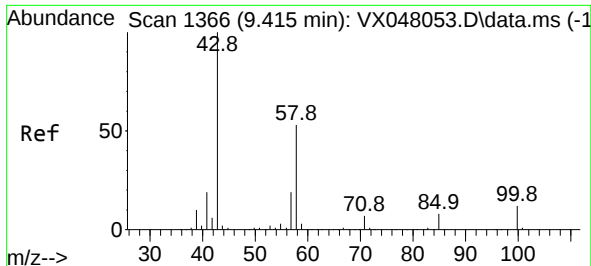
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#58
4-Methyl-2-Pentanone
Concen: 538.285 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

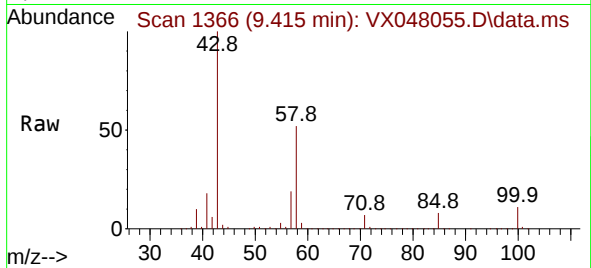
Tgt Ion: 43 Resp: 1220989
Ion Ratio Lower Upper
43 100
58 38.2 29.5 44.3
85 16.9 12.8 19.2





#59
2-Hexanone
Concen: 538.429 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

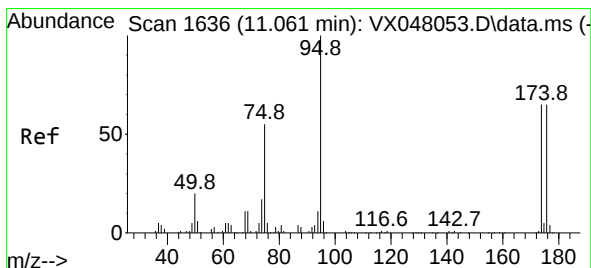
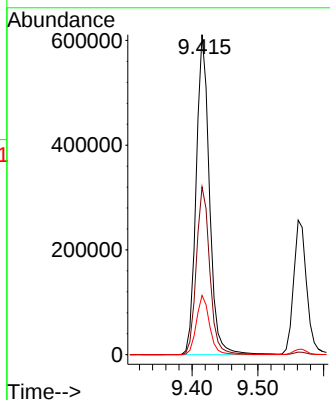
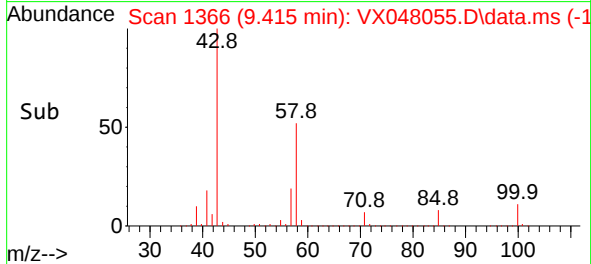
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 854290
Ion Ratio Lower Upper
43 100
58 53.1 42.2 63.2
57 18.5 14.2 21.4

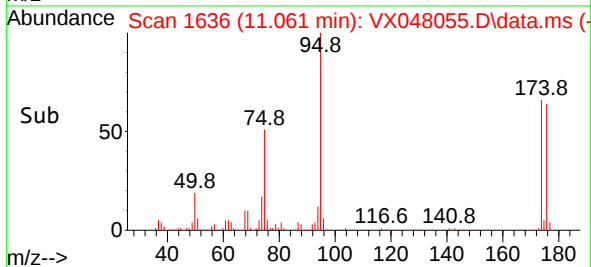
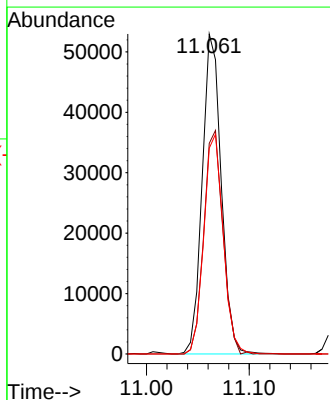
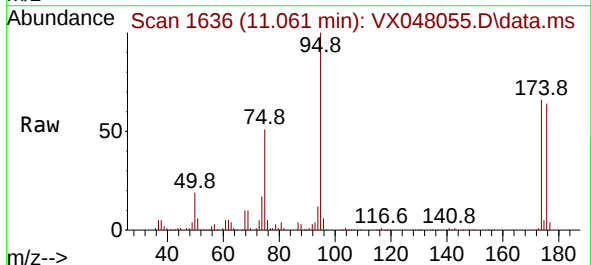
Manual Integrations
APPROVED

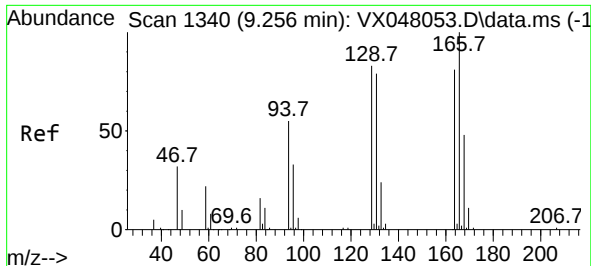
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#60
4-Bromofluorobenzene
Concen: 29.383 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

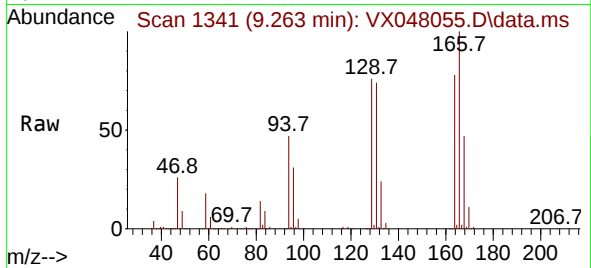
Tgt Ion: 95 Resp: 68191
Ion Ratio Lower Upper
95 100
174 70.2 55.8 83.8
176 70.0 55.0 82.4





#61
Tetrachloroethene
Concen: 101.228 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

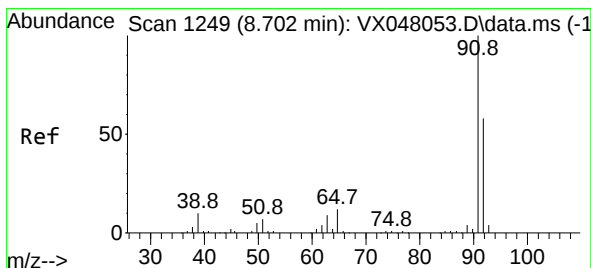
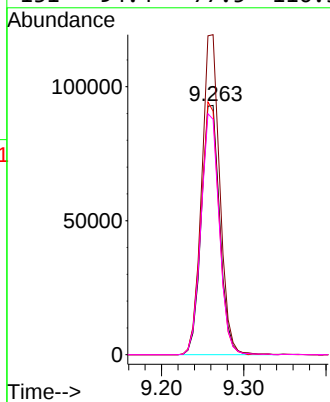
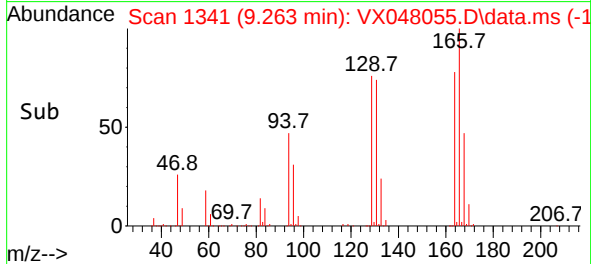
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:164 Resp: 14443
Ion Ratio Lower Upper
164 100
166 128.4 97.3 145.9
129 97.7 81.6 122.4
131 94.4 77.5 116.3

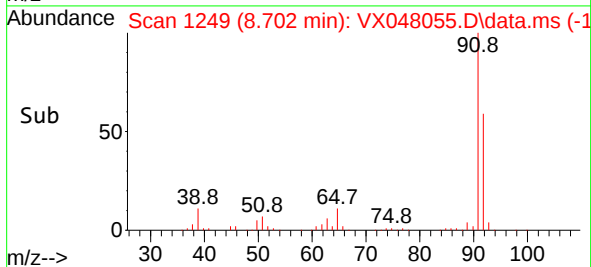
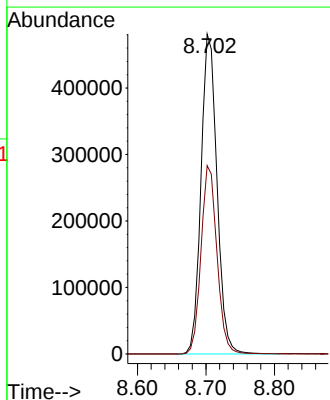
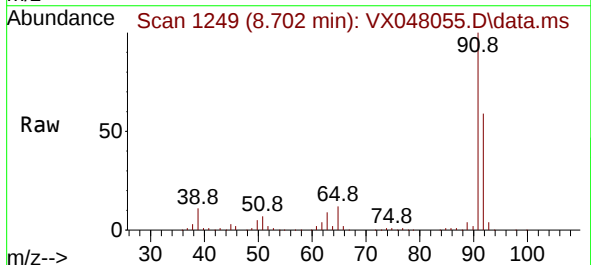
Manual Integrations
APPROVED

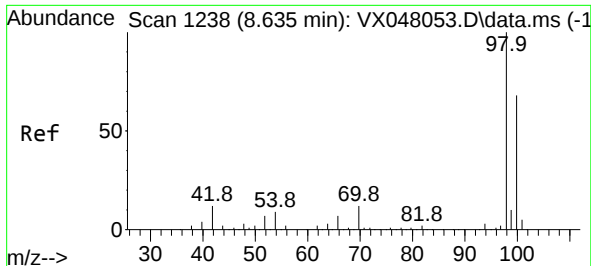
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#62
Toluene
Concen: 105.040 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

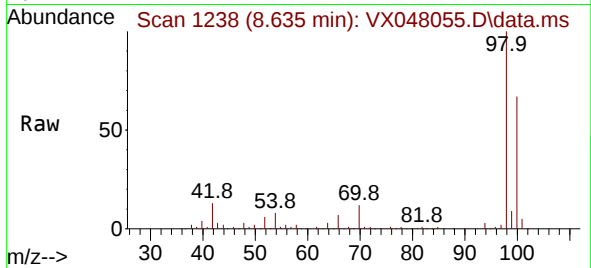
Tgt Ion: 91 Resp: 782162
Ion Ratio Lower Upper
91 100
92 58.7 47.1 70.7





#63
Toluene-d8
Concen: 29.772 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

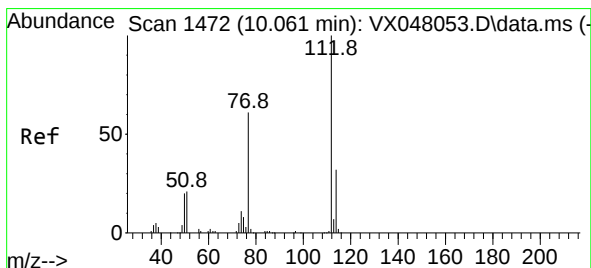
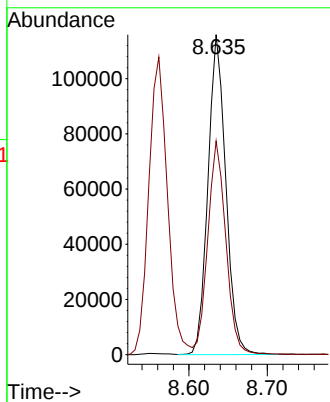
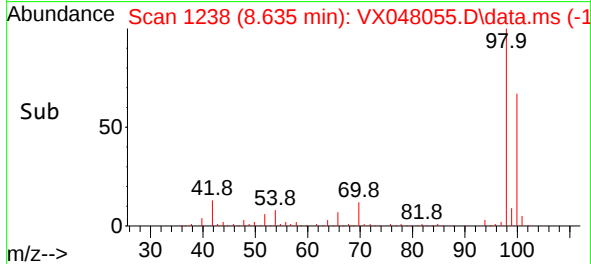
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 98 Resp: 18329
Ion Ratio Lower Upper
98 100
100 67.6 54.1 81.1

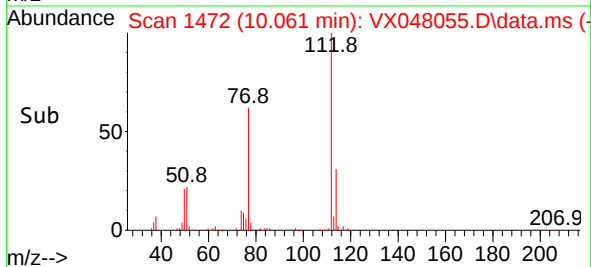
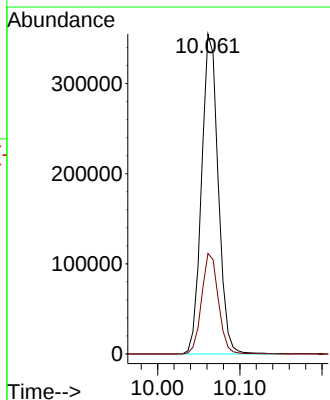
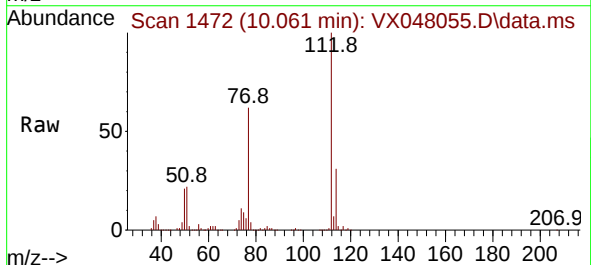
Manual Integrations
APPROVED

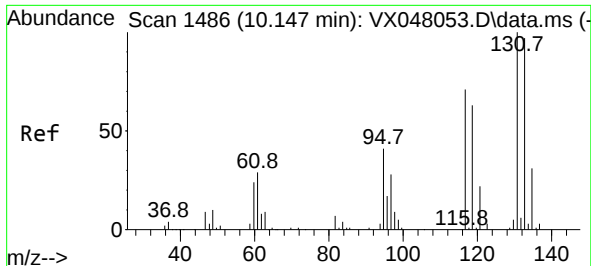
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#64
Chlorobenzene
Concen: 103.878 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

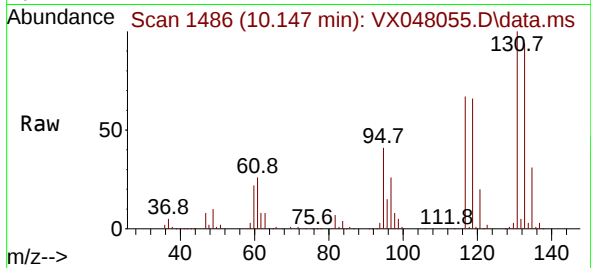
Tgt Ion:112 Resp: 499880
Ion Ratio Lower Upper
112 100
114 33.5 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 106.830 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

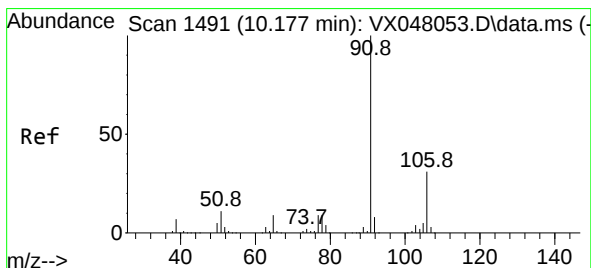
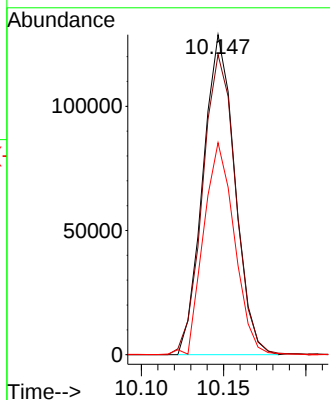
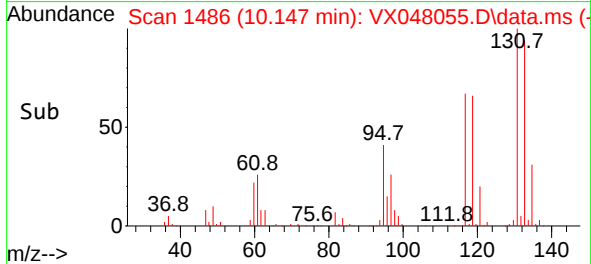
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:131 Resp: 17384
Ion Ratio Lower Upper
131 100
133 96.9 0.0 188.0
119 63.3 0.0 44.4

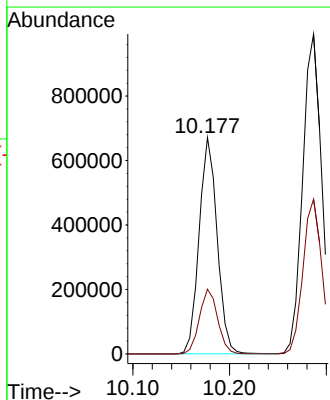
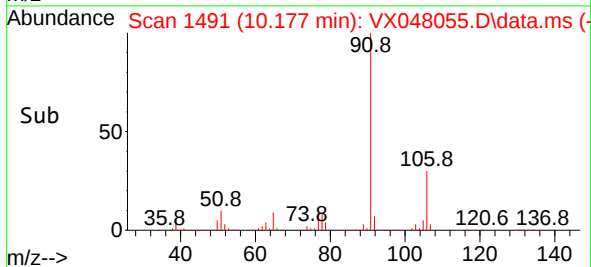
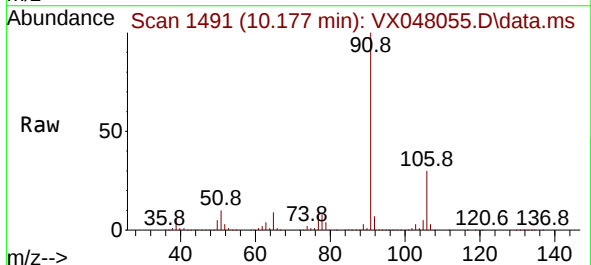
Manual Integrations
APPROVED

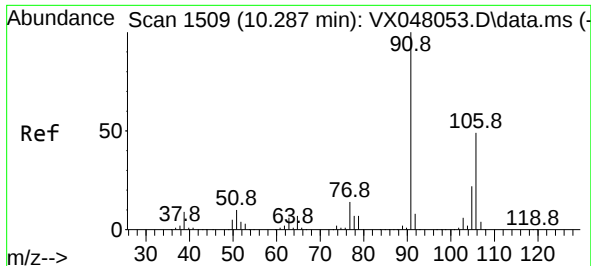
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#66
Ethyl Benzene
Concen: 103.639 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

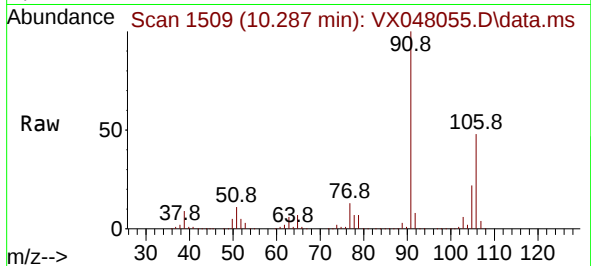
Tgt Ion: 91 Resp: 871506
Ion Ratio Lower Upper
91 100
106 30.0 25.0 37.6





#67
m/p-Xylenes
Concen: 207.602 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

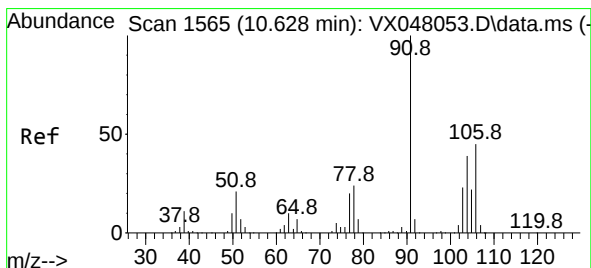
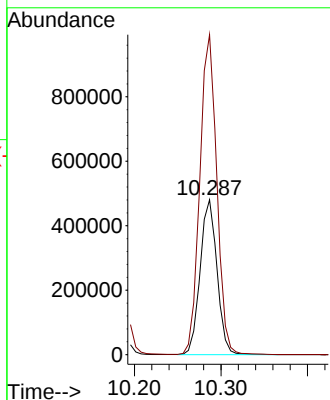
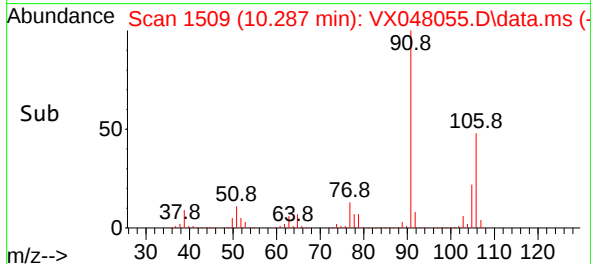
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



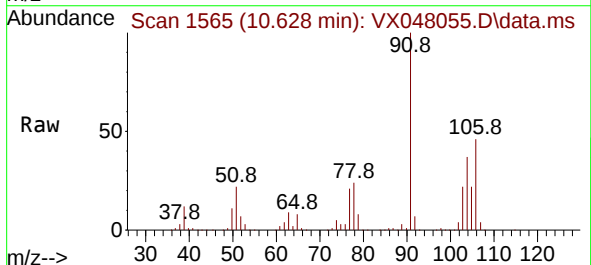
Tgt Ion:106 Resp: 650710
Ion Ratio Lower Upper
106 100
91 207.6 165.8 248.6

Manual Integrations
APPROVED

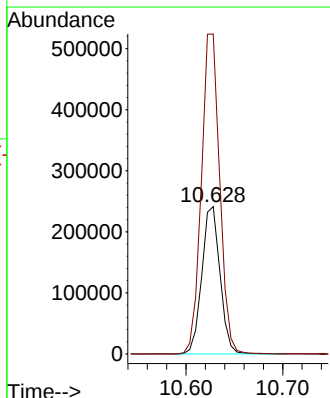
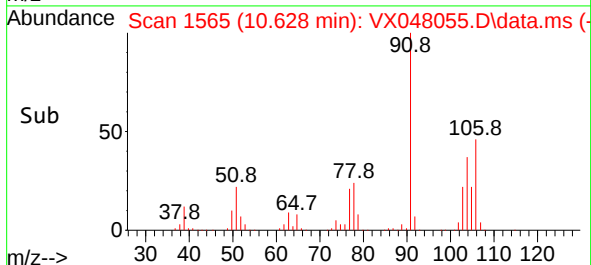
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

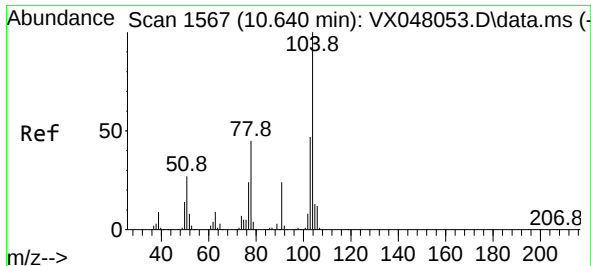


#68
o-Xylene
Concen: 105.259 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03



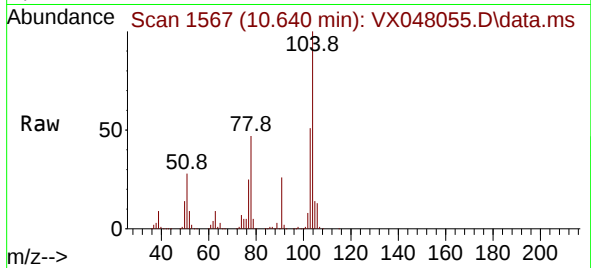
Tgt Ion:106 Resp: 316229
Ion Ratio Lower Upper
106 100
91 219.3 112.6 337.6





#69
Styrene
Concen: 105.151 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

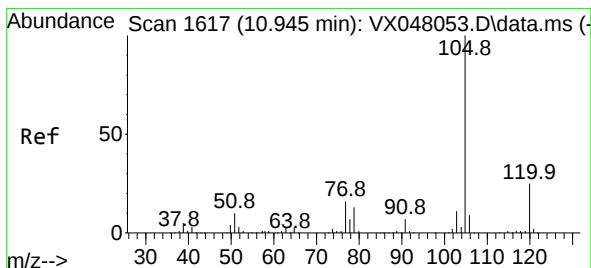
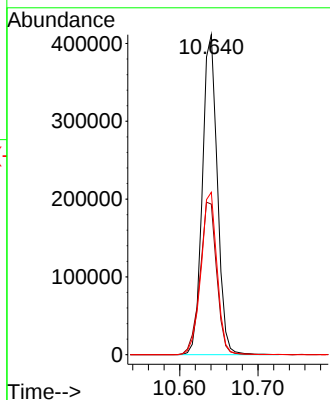
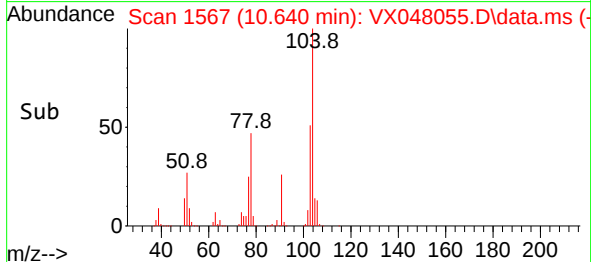
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:104 Resp: 54515
Ion Ratio Lower Upper
104 100
78 53.0 41.4 62.0
103 54.4 42.4 63.6

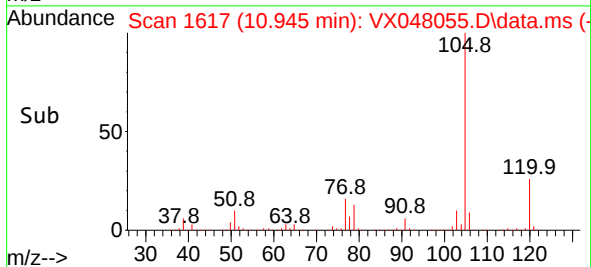
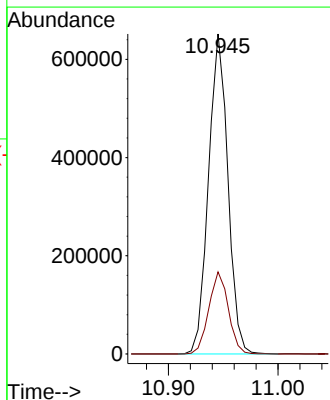
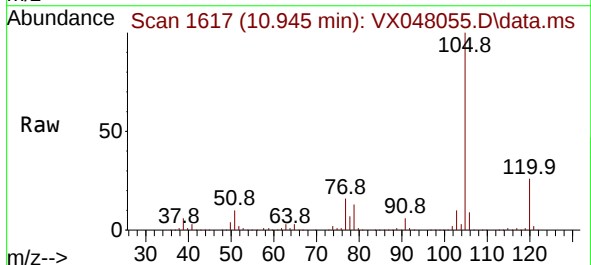
Manual Integrations
APPROVED

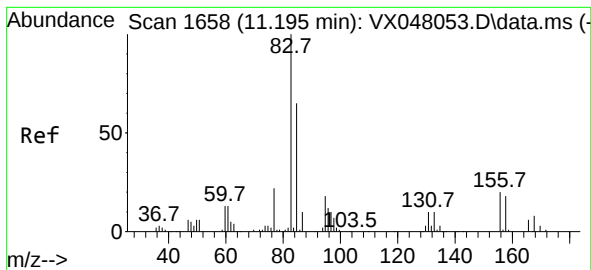
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#70
Isopropylbenzene
Concen: 100.069 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion:105 Resp: 801083
Ion Ratio Lower Upper
105 100
120 25.8 18.3 33.9





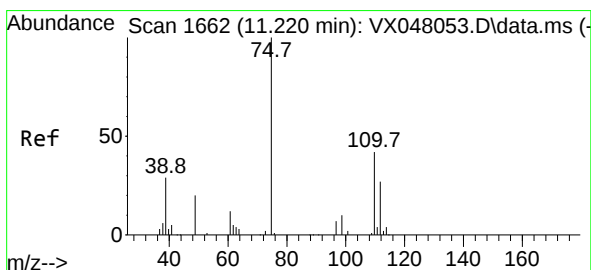
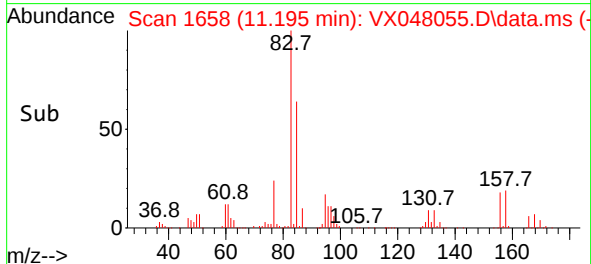
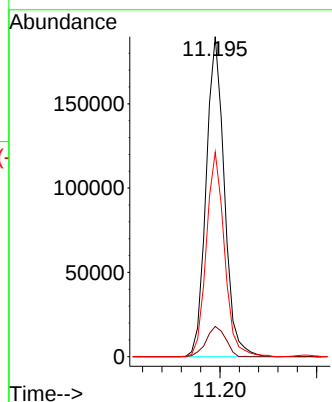
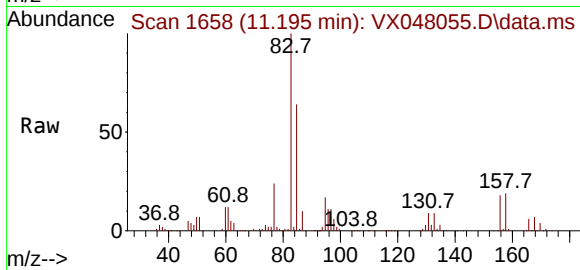
#71
1,1,2,2-Tetrachloroethane
Concen: 103.805 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 248600
Ion Ratio Lower Upper
83 100
131 10.1 4.7 14.1
85 63.6 32.0 96.2

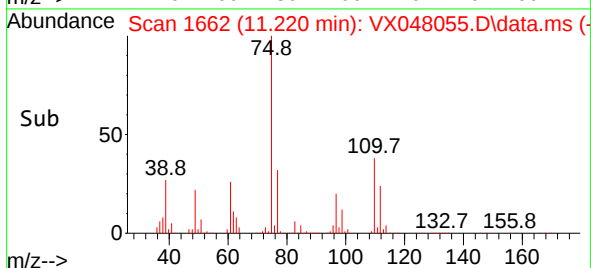
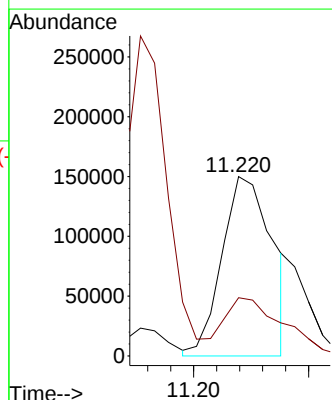
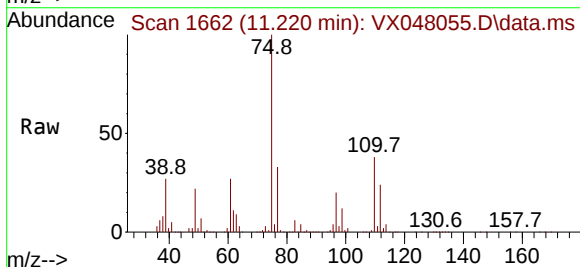
Manual Integrations
APPROVED

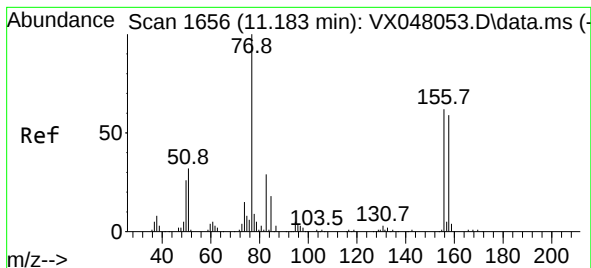
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#72
1,2,3-Trichloropropane
Concen: 112.905 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion: 75 Resp: 228259
Ion Ratio Lower Upper
75 100
77 39.8 0.0 76.4





#73

Bromobenzene

Concen: 104.479 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VX048055.D

Acq: 07 Oct 2025 18:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

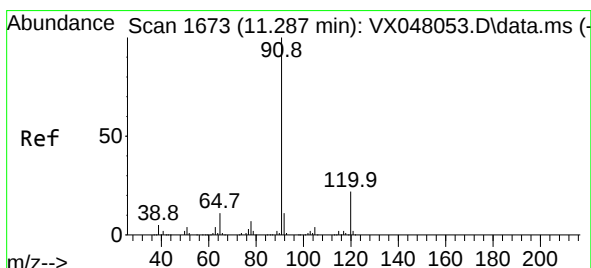
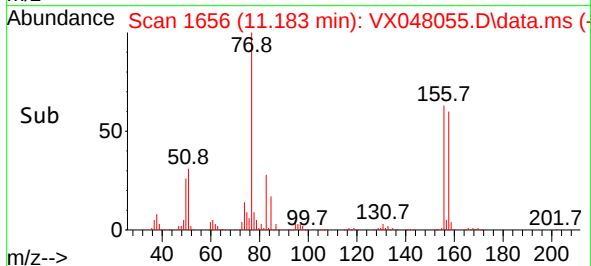
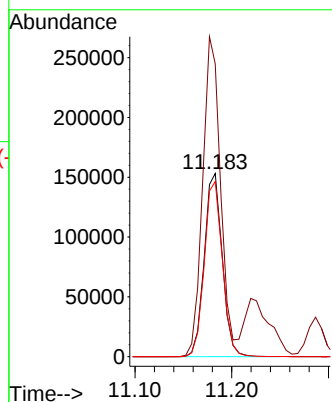
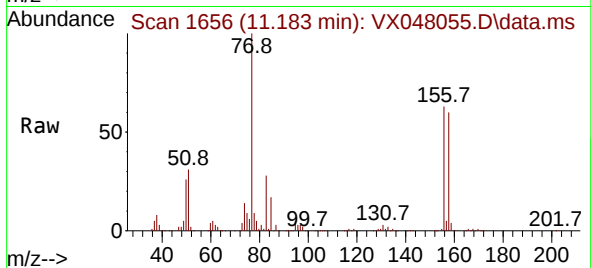
Tgt Ion:	156	Resp:	198529
Ion Ratio	Lower	Upper	
156	100		
77	172.1	0.0	366.2
158	96.3	0.0	196.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/08/2025

Supervised By :Mahesh Dadoda 10/09/2025



#74

n-propylbenzene

Concen: 100.478 ug/l

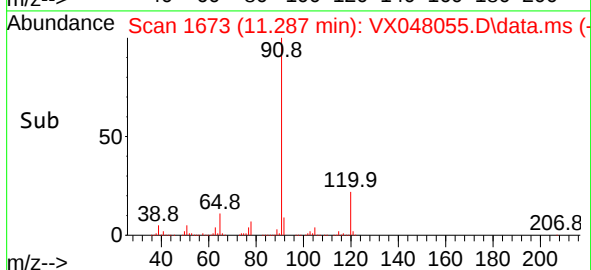
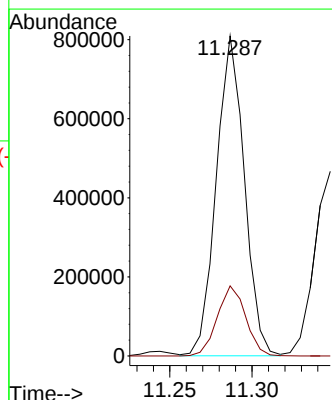
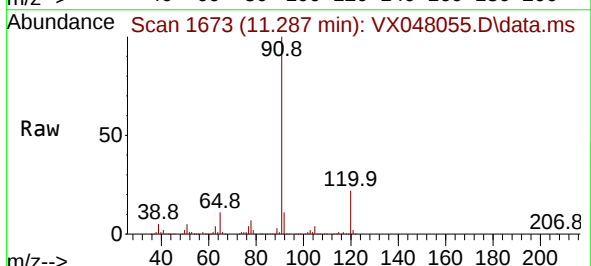
RT: 11.287 min Scan# 1673

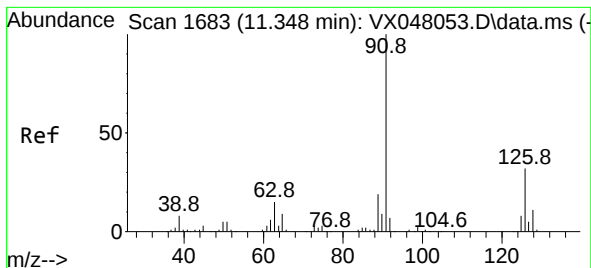
Delta R.T. 0.000 min

Lab File: VX048055.D

Acq: 07 Oct 2025 18:03

Tgt Ion:	91	Resp:	960365
Ion Ratio	Lower	Upper	
91	100		
120	22.2	0.0	44.2





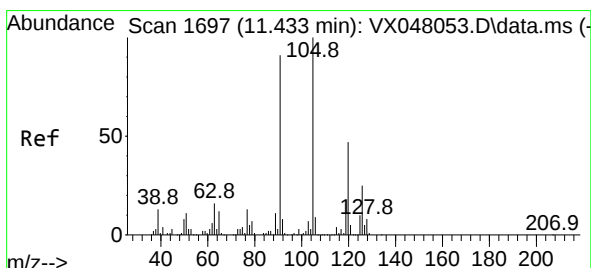
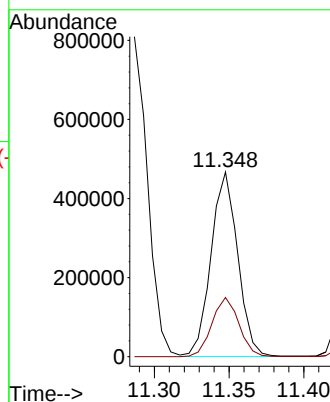
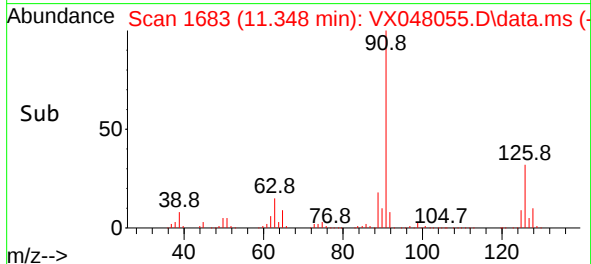
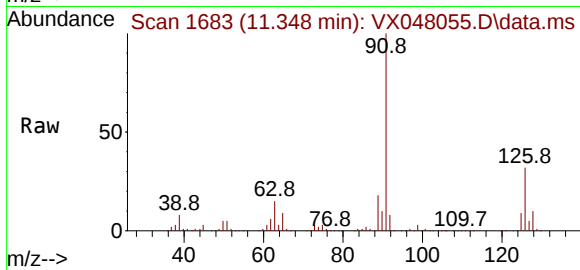
#75
2-Chlorotoluene
Concen: 100.474 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 579009
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.2

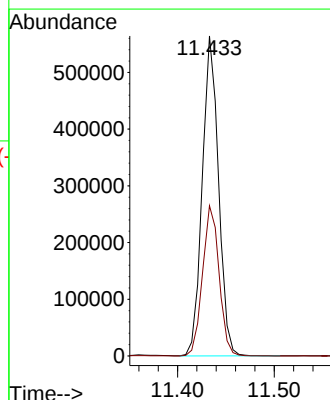
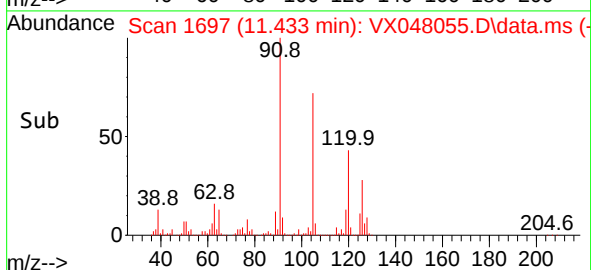
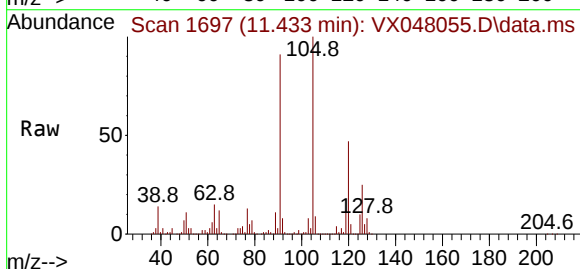
Manual Integrations
APPROVED

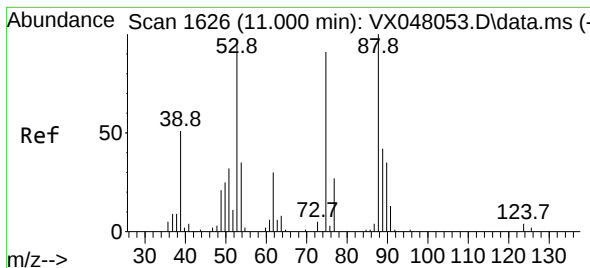
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#76
1,3,5-Trimethylbenzene
Concen: 99.424 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion:105 Resp: 660002
Ion Ratio Lower Upper
105 100
120 47.9 0.0 95.4





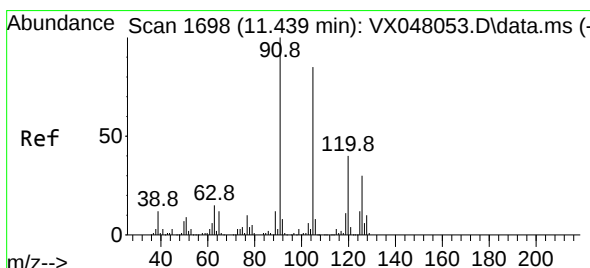
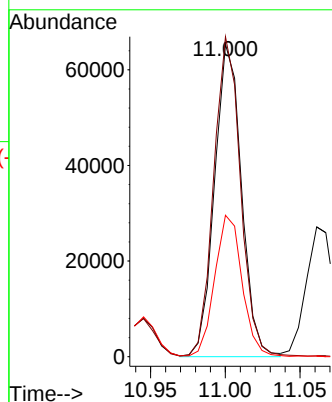
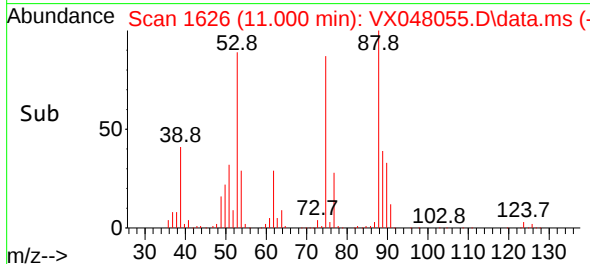
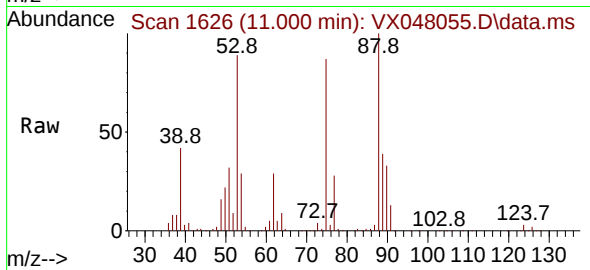
#77
t-1,4-Dichloro-2-butene
Concen: 119.065 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 8193
Ion Ratio Lower Upper
75 100
53 102.3 53.7 161.1
89 45.1 23.2 69.5

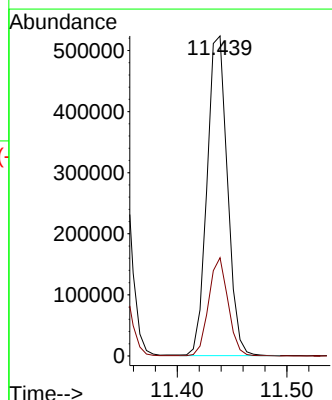
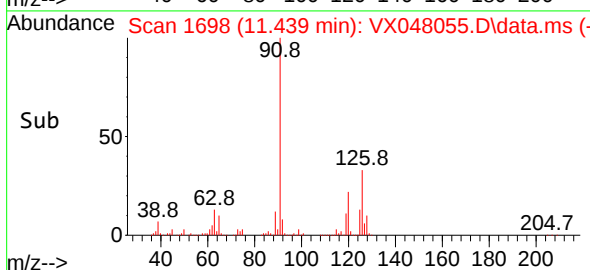
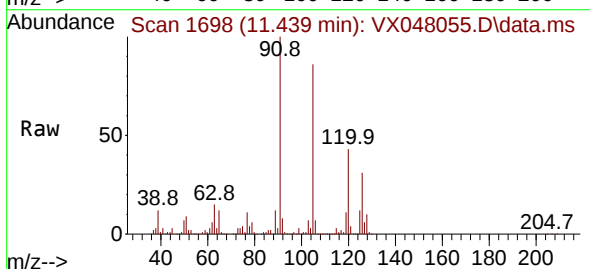
Manual Integrations
APPROVED

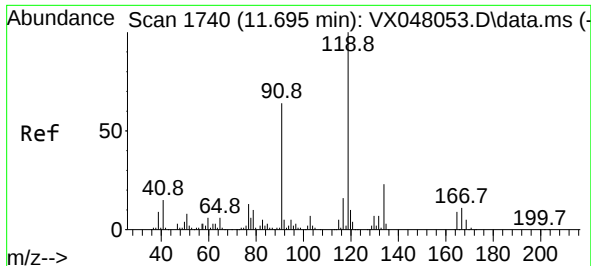
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#78
4-Chlorotoluene
Concen: 101.307 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

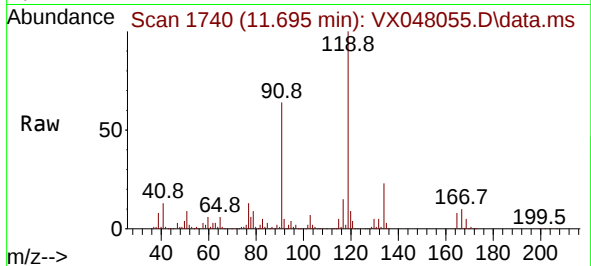
Tgt Ion: 91 Resp: 675960
Ion Ratio Lower Upper
91 100
126 29.3 0.0 57.2





#79
tert-butylbenzene
Concen: 99.271 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

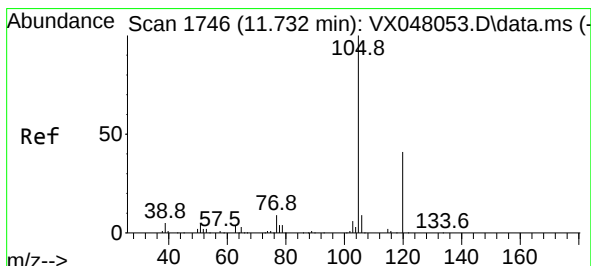
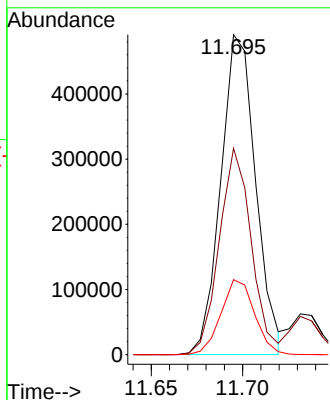
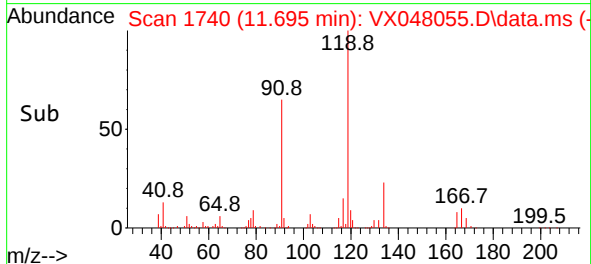
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:119 Resp: 650980
Ion Ratio Lower Upper
119 100
91 59.5 0.0 119.0
134 22.7 0.0 46.4

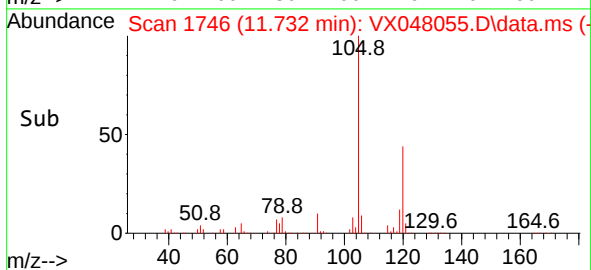
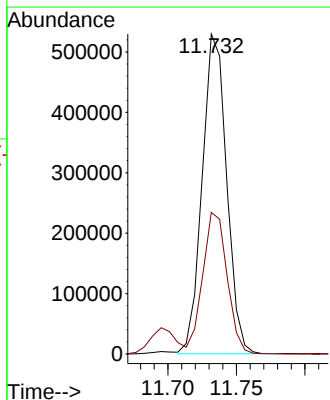
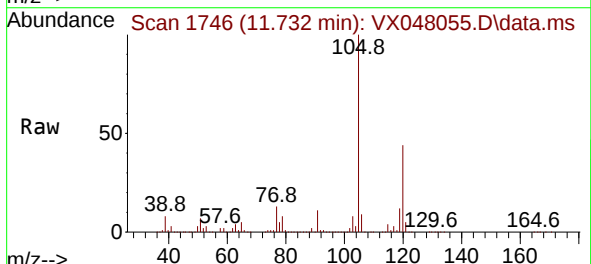
Manual Integrations
APPROVED

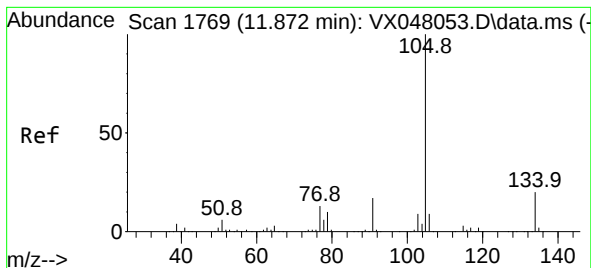
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#80
1,2,4-Trimethylbenzene
Concen: 99.846 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

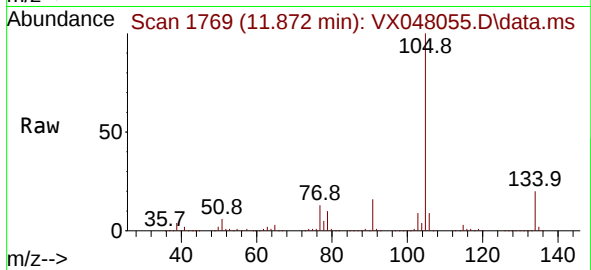
Tgt Ion:105 Resp: 656907
Ion Ratio Lower Upper
105 100
120 44.3 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 94.534 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048055.D
 Acq: 07 Oct 2025 18:03

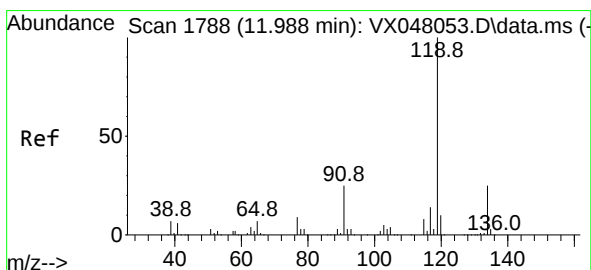
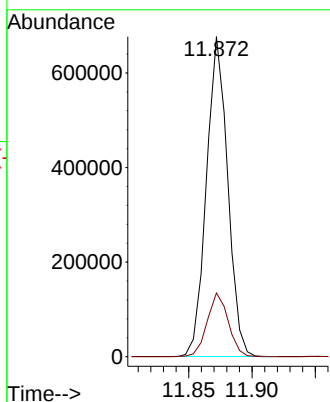
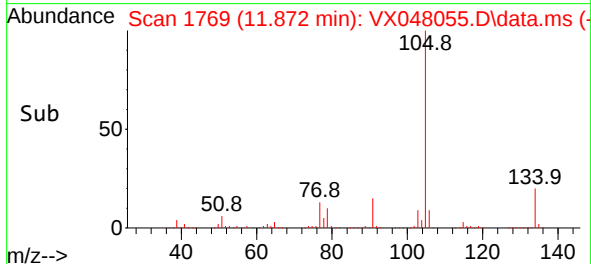
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



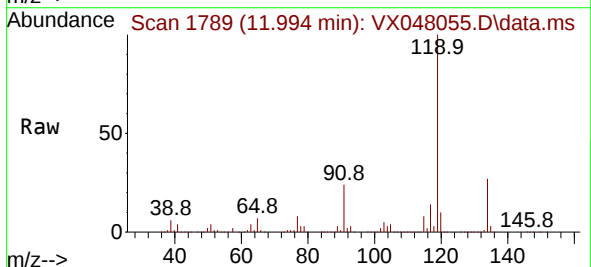
Tgt Ion:105 Resp: 790429
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.4

Manual Integrations
 APPROVED

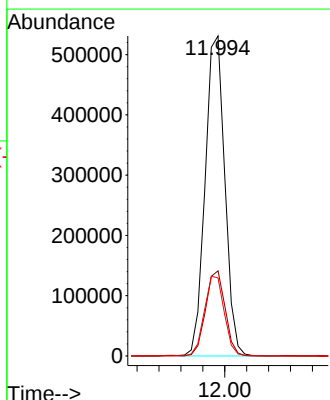
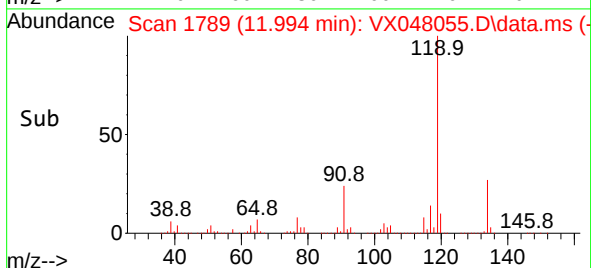
Reviewed By :John Carlone 10/08/2025
 Supervised By :Mahesh Dadoda 10/09/2025

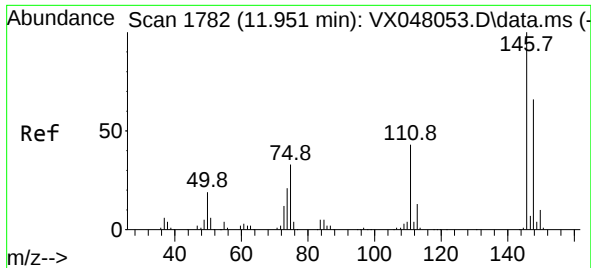


#82
 p-Isopropyltoluene
 Concen: 96.267 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048055.D
 Acq: 07 Oct 2025 18:03



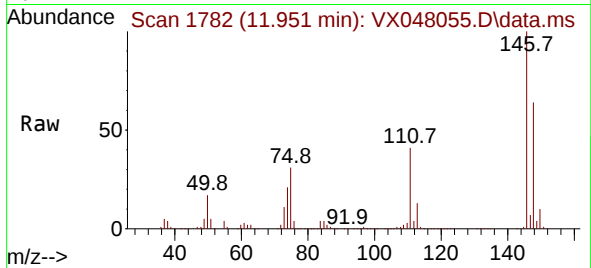
Tgt Ion:119 Resp: 661361
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.6
 91 25.0 0.0 49.8





#83
1,3-Dichlorobenzene
Concen: 102.052 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

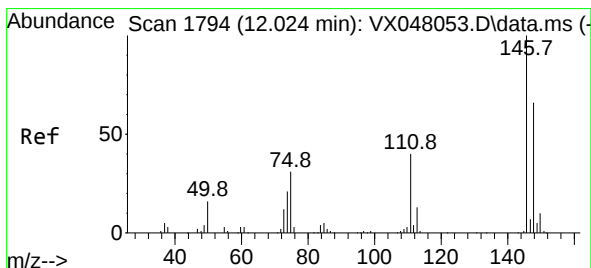
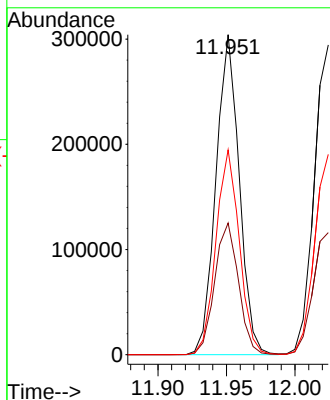
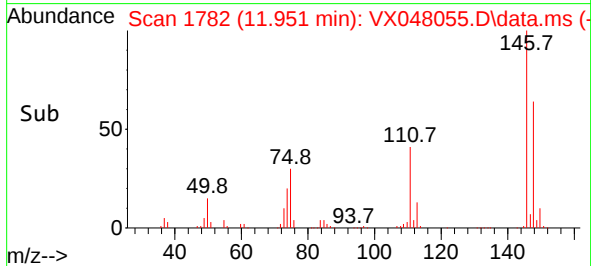
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



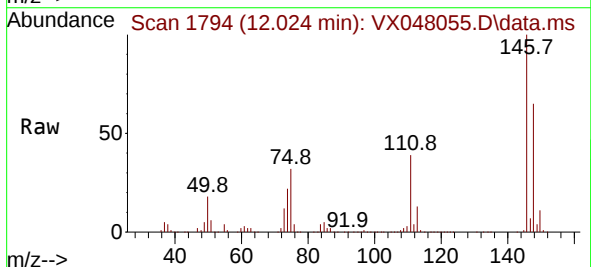
Tgt Ion:146 Resp: 359559
Ion Ratio Lower Upper
146 100
111 42.0 21.6 64.8
148 64.2 32.7 98.1

Manual Integrations
APPROVED

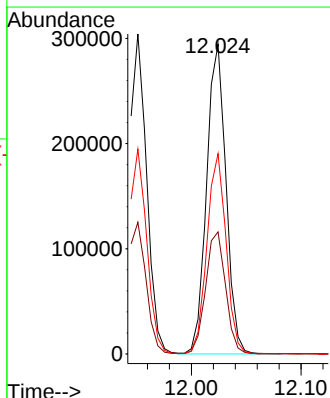
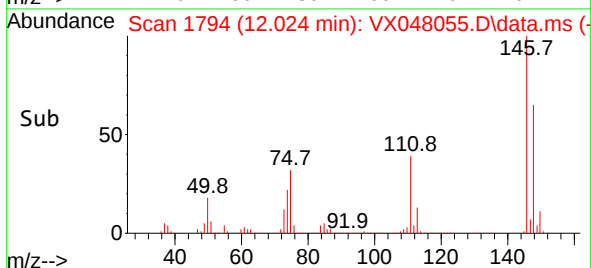
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025

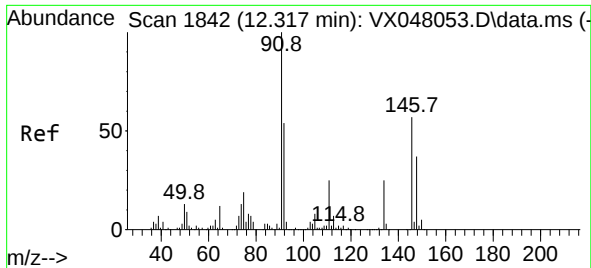


#84
1,4-Dichlorobenzene
Concen: 102.049 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03



Tgt Ion:146 Resp: 361991
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.8
148 63.8 32.6 98.0





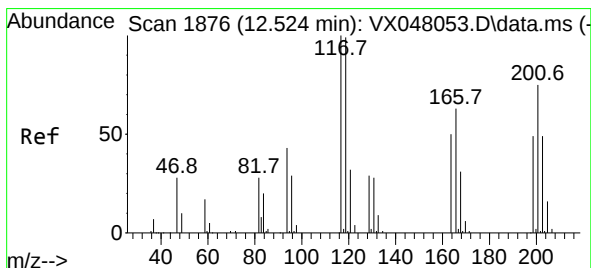
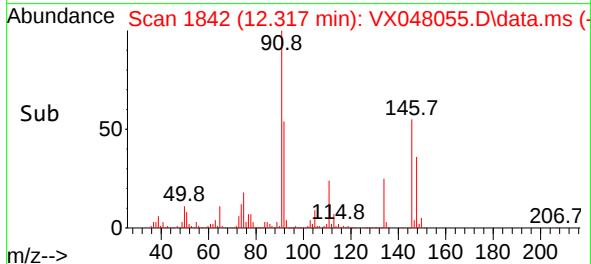
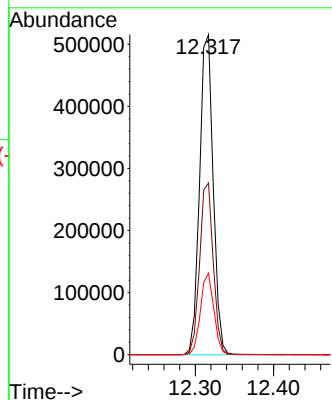
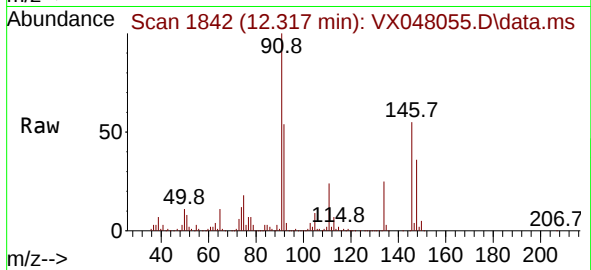
#85
n-Butylbenzene
Concen: 95.184 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 624238
Ion Ratio Lower Upper
91 100
92 53.5 0.0 106.8
134 25.0 0.0 48.4

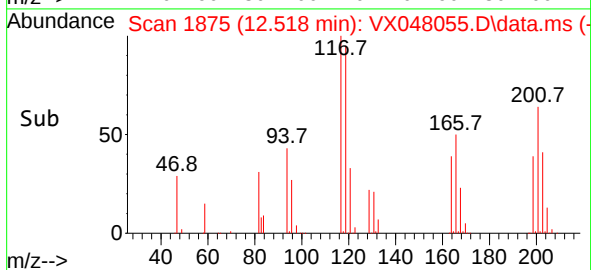
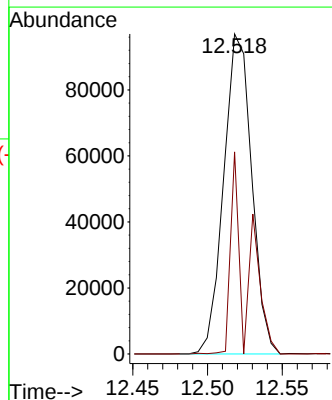
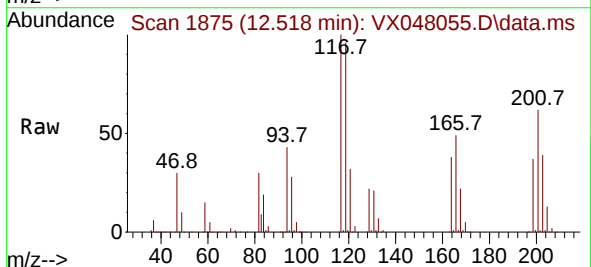
Manual Integrations
APPROVED

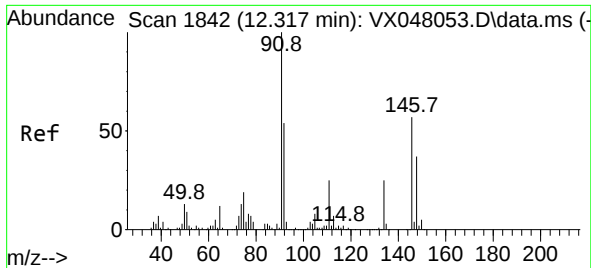
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#86
Hexachloroethane
Concen: 112.256 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

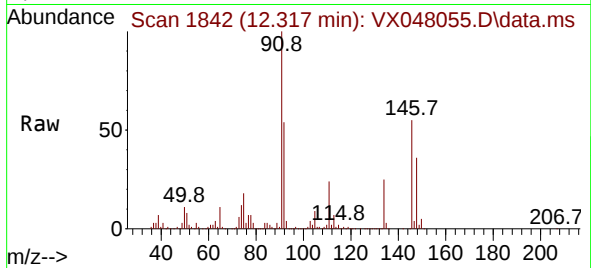
Tgt Ion:117 Resp: 126386
Ion Ratio Lower Upper
117 100
201 18.0 14.6 44.0





#87
1,2-Dichlorobenzene
Concen: 102.190 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

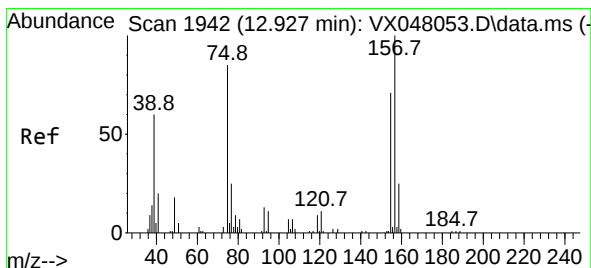
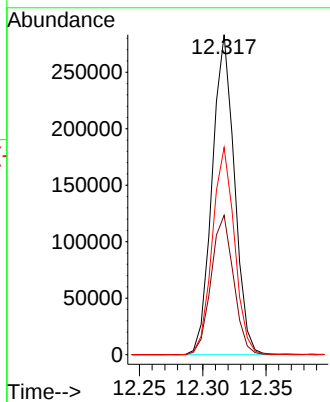
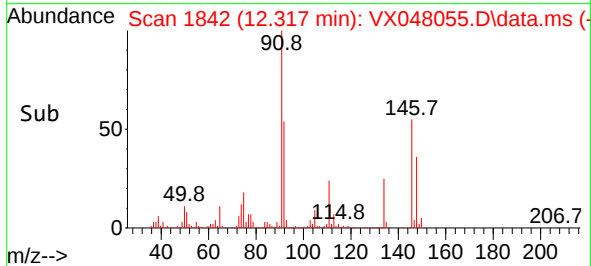
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 346669
Ion Ratio Lower Upper
146 100
111 43.9 21.7 65.1
148 64.6 31.9 95.9

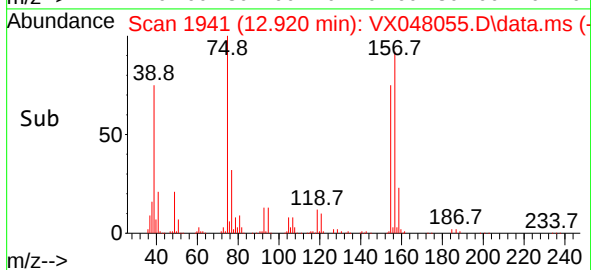
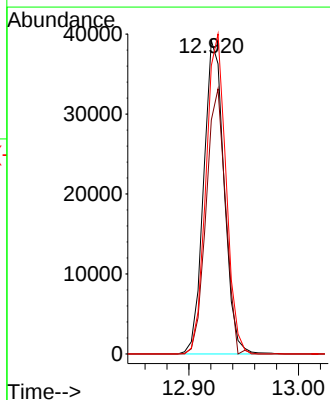
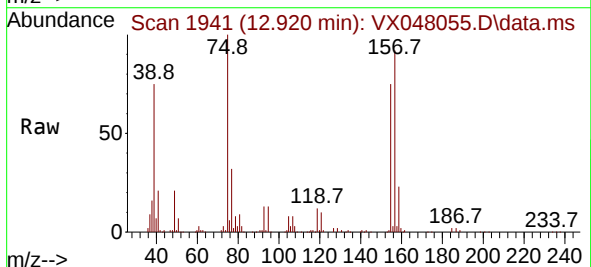
Manual Integrations
APPROVED

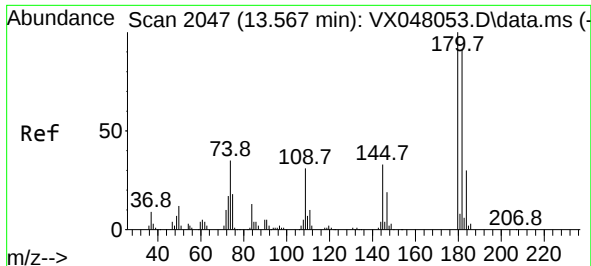
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 104.183 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

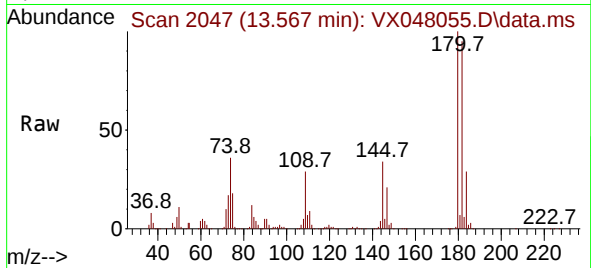
Tgt Ion: 75 Resp: 50648
Ion Ratio Lower Upper
75 100
155 80.2 62.8 94.2
157 99.9 81.1 121.7





#89
1,2,4-Trichlorobenzene
Concen: 101.179 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

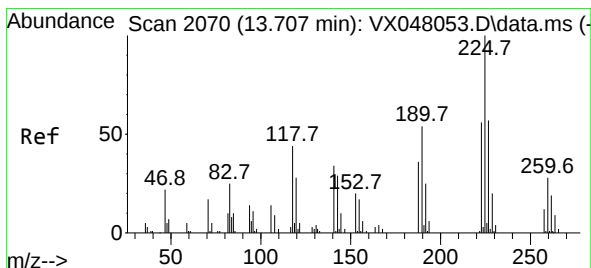
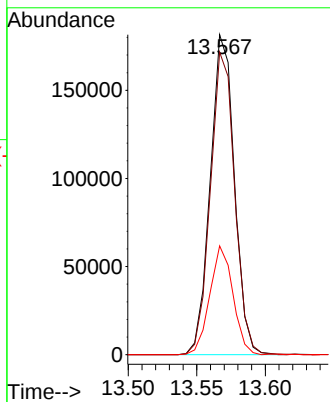
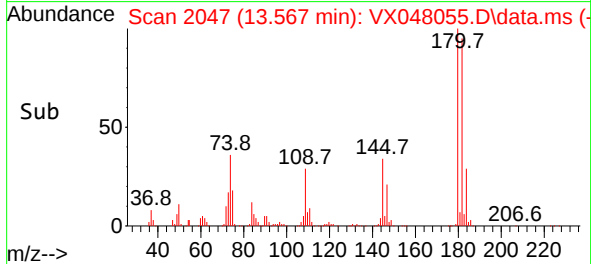
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:180 Resp: 22203
Ion Ratio Lower Upper
180 100
182 95.0 73.4 110.0
145 32.7 26.2 39.4

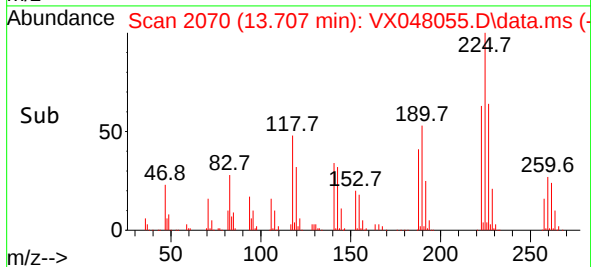
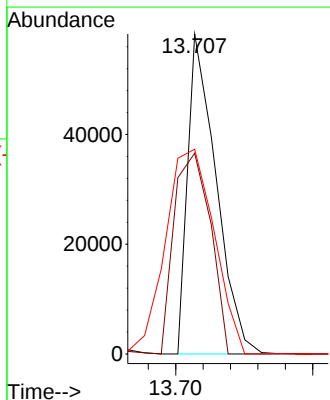
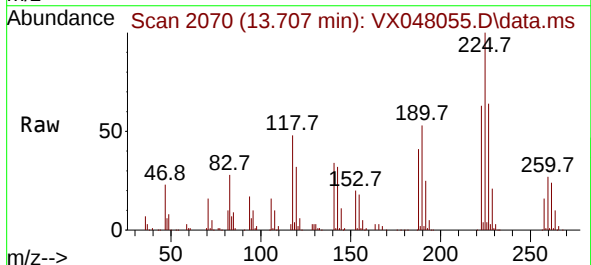
Manual Integrations
APPROVED

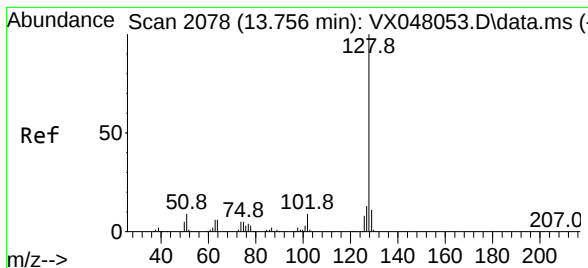
Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#90
Hexachlorobutadiene
Concen: 46.218 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

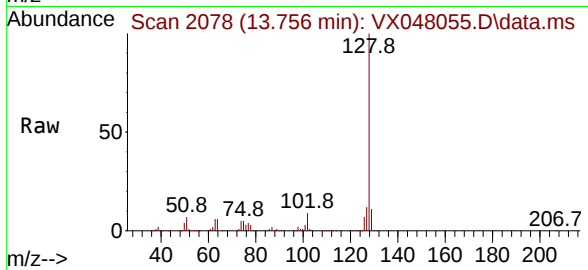
Tgt Ion:225 Resp: 42034
Ion Ratio Lower Upper
225 100
223 80.4 0.0 130.0
227 110.1 0.0 63.0#





#91
Naphthalene
Concen: 103.252 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

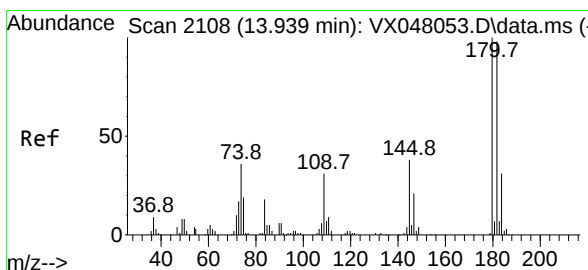
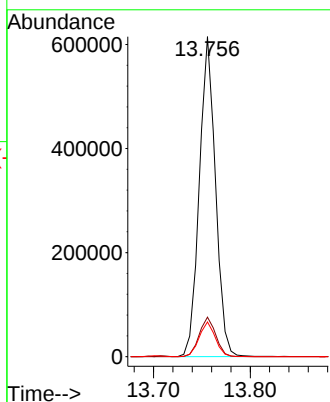
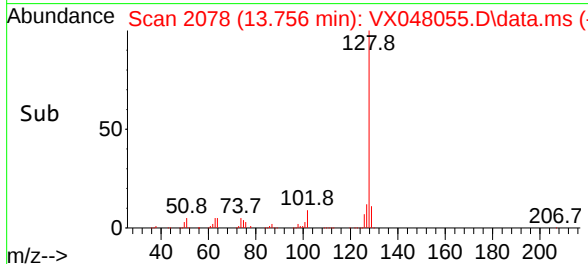
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 715110
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/08/2025
Supervised By :Mahesh Dadoda 10/09/2025



#92
1,2,3-Trichlorobenzene
Concen: 100.260 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048055.D
Acq: 07 Oct 2025 18:03

Tgt Ion:180 Resp: 214167
Ion Ratio Lower Upper
180 100
182 95.4 0.0 190.0
145 35.2 0.0 72.2

