

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045734.D
 Acq On : 11 Apr 2025 12:22
 Operator : JC/MD
 Sample : VX0411WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2025
 Supervised By : Mahesh Dadoda 04/14/2025

Quant Time: Apr 11 23:04:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	84320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150272	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80683	52.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.640%			
35) Dibromofluoromethane	5.379	113	53111	49.814	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.620%			
50) Toluene-d8	8.647	98	183285	49.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.500%			
62) 4-Bromofluorobenzene	11.079	95	71699	52.894	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24625	19.528	ug/l	98
3) Chloromethane	1.307	50	23327	18.007	ug/l	100
4) Vinyl Chloride	1.374	62	20906	17.634	ug/l	95
5) Bromomethane	1.593	94	9876	17.569	ug/l	99
6) Chloroethane	1.660	64	11924	18.957	ug/l	92
7) Trichlorofluoromethane	1.867	101	34101	19.289	ug/l	98
8) Diethyl Ether	2.130	74	11527	19.421	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	20130	19.431	ug/l	97
10) Methyl Iodide	2.441	142	22790	17.637	ug/l	99
11) Tert butyl alcohol	2.983	59	22438	108.275	ug/l	99
12) 1,1-Dichloroethene	2.306	96	18161	17.941	ug/l	98
13) Acrolein	2.233	56	27599	96.712	ug/l	99
14) Allyl chloride	2.654	41	36269	18.884	ug/l	99
15) Acrylonitrile	3.062	53	64772	99.016	ug/l	98
16) Acetone	2.386	43	63457	100.219	ug/l	98
17) Carbon Disulfide	2.502	76	36188	14.474	ug/l	98
18) Methyl Acetate	2.703	43	33397	22.909	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	72099	20.361	ug/l	99
20) Methylene Chloride	2.782	84	22948	19.359	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	19175	18.542	ug/l	94
22) Diisopropyl ether	3.763	45	74151	19.599	ug/l	97
23) Vinyl Acetate	3.721	43	320471	98.039	ug/l	100
24) 1,1-Dichloroethane	3.605	63	41001	19.162	ug/l	99
25) 2-Butanone	4.556	43	95825	103.387	ug/l	98
26) 2,2-Dichloropropane	4.465	77	28763	20.806	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	23213	18.424	ug/l	96
28) Bromochloromethane	4.891	49	26597	25.723	ug/l	98
29) Tetrahydrofuran	5.007	42	59004	98.191	ug/l	99
30) Chloroform	5.086	83	43373	19.700	ug/l	93
31) Cyclohexane	5.464	56	34507	18.243	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	36032	19.341	ug/l	99
36) 1,1-Dichloropropene	5.684	75	26656	18.517	ug/l	97
37) Ethyl Acetate	4.715	43	35089	19.342	ug/l	98
38) Carbon Tetrachloride	5.672	117	29414	18.906	ug/l	93
39) Methylcyclohexane	7.379	83	32952	18.674	ug/l	96
40) Benzene	6.031	78	82159	18.687	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19564	20.439	ug/l	97
42) 1,2-Dichloroethane	6.080	62	36989	20.370	ug/l	99
43) Isopropyl Acetate	6.342	43	55460	20.170	ug/l	99
44) Trichloroethene	7.123	130	19251	18.422	ug/l	99
45) 1,2-Dichloropropane	7.427	63	21096	19.231	ug/l	93
46) Dibromomethane	7.574	93	16560	19.665	ug/l	97
47) Bromodichloromethane	7.818	83	32810	19.510	ug/l	97
48) Methyl methacrylate	7.696	41	28607	20.151	ug/l	99
49) 1,4-Dioxane	7.659	88	11098	432.076	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	195029	106.998	ug/l	99
52) Toluene	8.714	92	50898	19.132	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	27223	18.352	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	31424	19.884	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	21082	19.886	ug/l	97
56) Ethyl methacrylate	9.116	69	34367	20.947	ug/l	99
57) 1,3-Dichloropropane	9.305	76	38320	20.758	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	91986	110.832	ug/l	100
59) 2-Hexanone	9.427	43	143752	106.500	ug/l	99
60) Dibromochloromethane	9.519	129	22170	19.183	ug/l	100
61) 1,2-Dibromoethane	9.610	107	21539	20.071	ug/l	100
64) Tetrachloroethene	9.269	164	17919	19.248	ug/l	97
65) Chlorobenzene	10.079	112	55155	19.575	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	18774	19.192	ug/l	99
67) Ethyl Benzene	10.189	91	98437	19.506	ug/l	98
68) m/p-Xylenes	10.299	106	71463	38.936	ug/l	98
69) o-Xylene	10.640	106	35702	19.746	ug/l	98
70) Styrene	10.653	104	60067	20.128	ug/l	99
71) Bromoform	10.799	173	13766	18.847	ug/l #	97
73) Isopropylbenzene	10.957	105	95325	18.828	ug/l	99
74) N-amyl acetate	10.841	43	47908	19.782	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	33971	19.101	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	29944m	19.422	ug/l	
77) Bromobenzene	11.195	156	21636	18.496	ug/l	99
78) n-propylbenzene	11.305	91	109219	18.729	ug/l	100
79) 2-Chlorotoluene	11.360	91	70992	19.042	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	82413	19.685	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7708	16.968	ug/l	89
82) 4-Chlorotoluene	11.451	91	79146	19.041	ug/l	100
83) tert-Butylbenzene	11.713	119	81006	19.544	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	81630	19.427	ug/l	99
85) sec-Butylbenzene	11.890	105	100015	19.646	ug/l	99
86) p-Isopropyltoluene	12.006	119	80710	19.230	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	39819	18.700	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	40207	18.625	ug/l	97
89) n-Butylbenzene	12.329	91	70013	19.237	ug/l	98
90) Hexachloroethane	12.536	117	12972	17.984	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	41172	19.448	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7559	20.323	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	23156	19.650	ug/l	95
94) Hexachlorobutadiene	13.725	225	9675	19.053	ug/l	98
95) Naphthalene	13.774	128	87280	19.903	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	23791	19.280	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

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

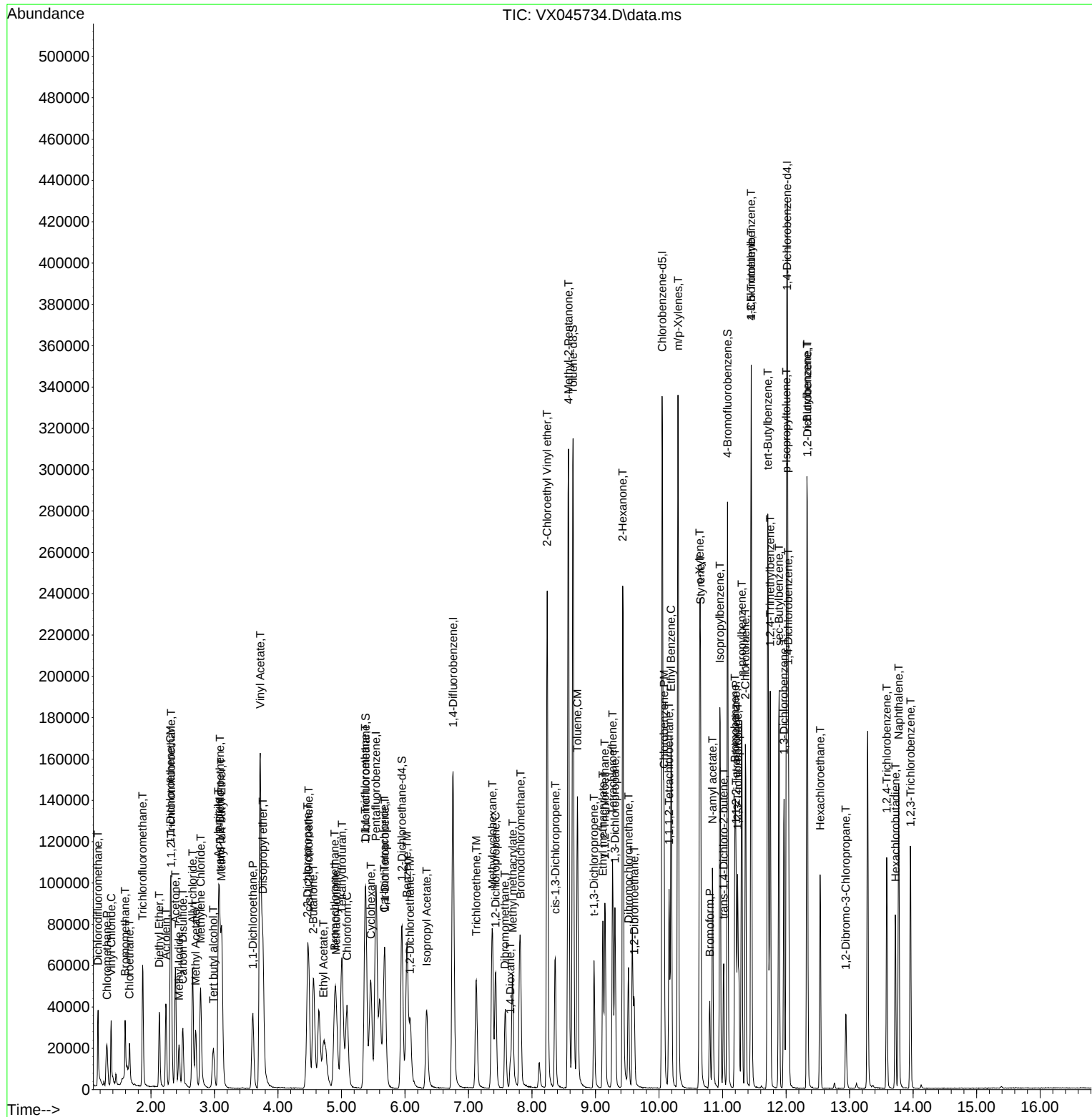
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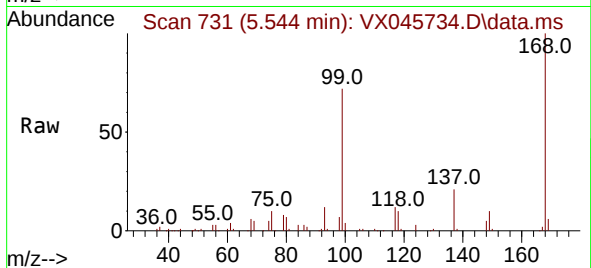
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045734.D
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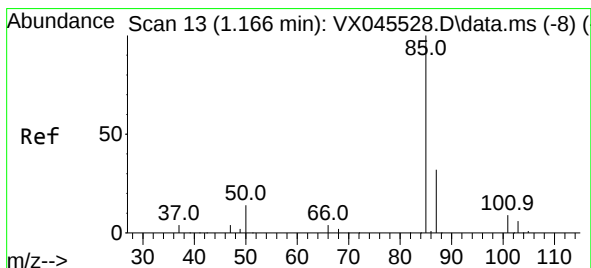
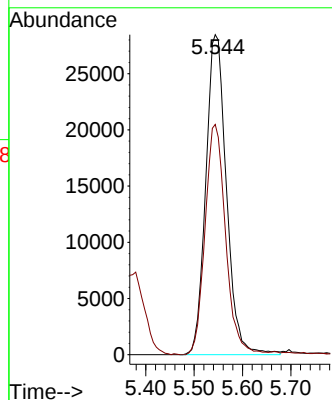
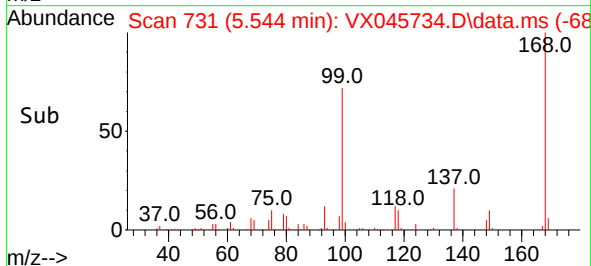
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion:168 Resp: 84320
Ion Ratio Lower Upper
168 100
99 72.0 52.3 78.5

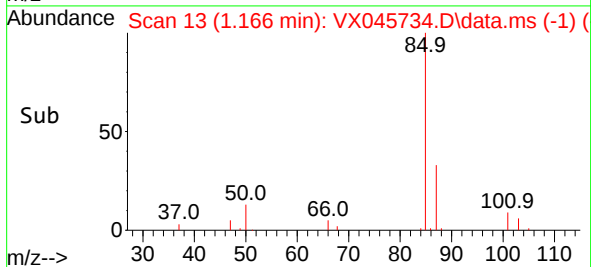
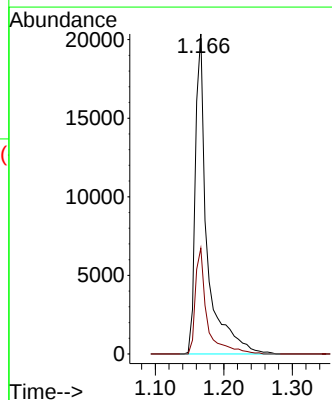
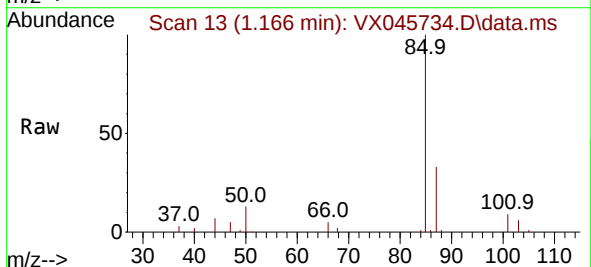
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#2
Dichlorodifluoromethane
Concen: 19.528 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Tgt Ion: 85 Resp: 24625
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.2





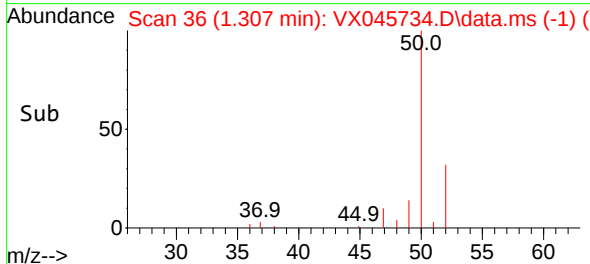
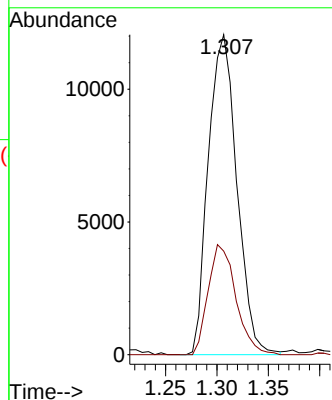
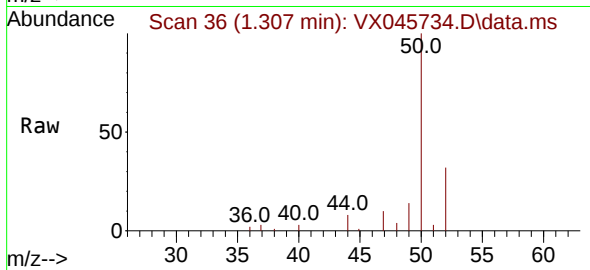
#3
Chloromethane
Concen: 18.007 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01

Tgt Ion: 50 Resp: 2332
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

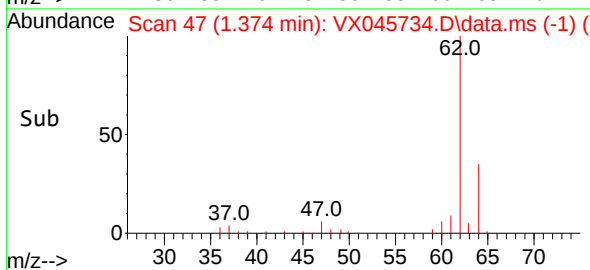
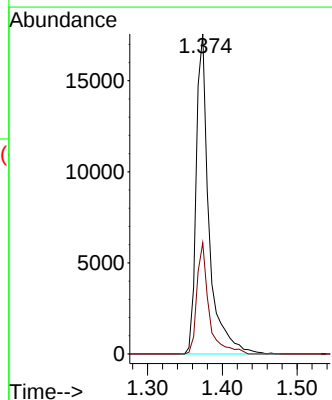
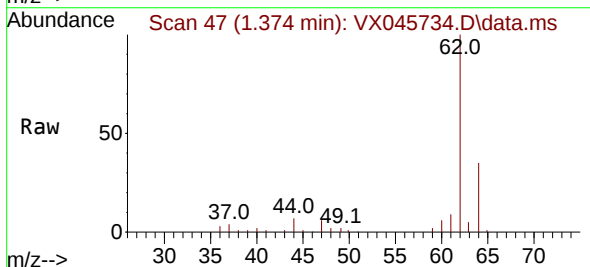
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#4
Vinyl Chloride
Concen: 17.634 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

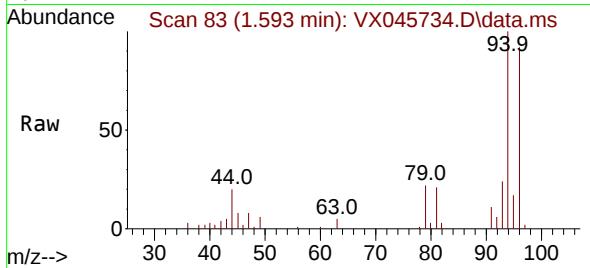
Tgt Ion: 62 Resp: 20906
Ion Ratio Lower Upper
62 100
64 34.7 25.5 38.3





#5
Bromomethane
Concen: 17.569 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

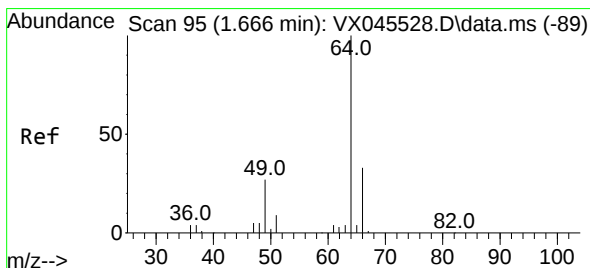
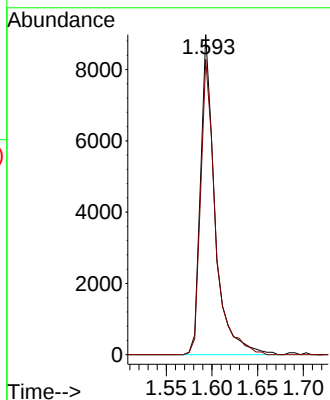
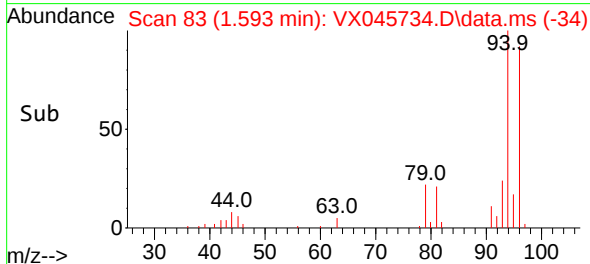
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 9870
Ion Ratio Lower Upper
94 100
96 92.3 74.8 112.2

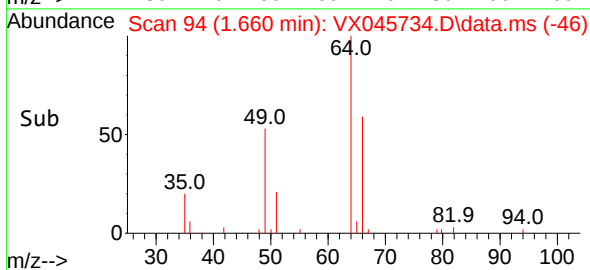
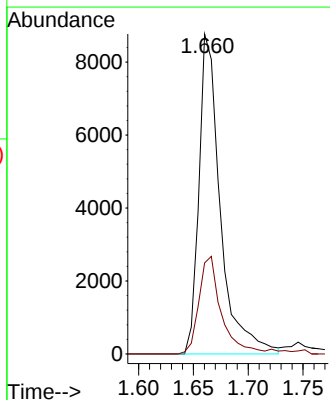
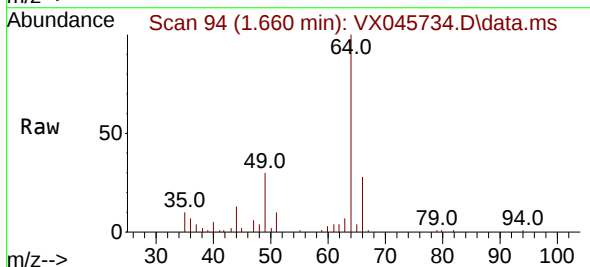
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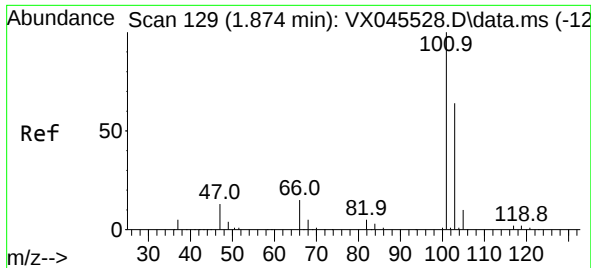
Reviewed By :John Carlone 04/14/2025
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#6
Chloroethane
Concen: 18.957 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
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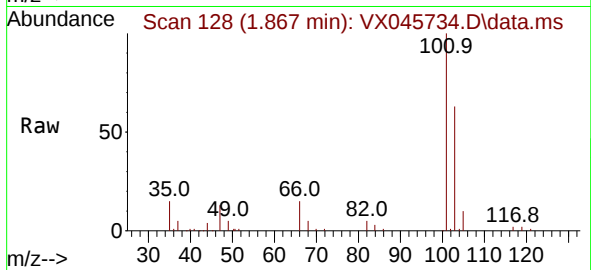
Tgt Ion: 64 Resp: 11924
Ion Ratio Lower Upper
64 100
66 28.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 19.289 ug/l
RT: 1.867 min Scan# 110
Delta R.T. -0.006 min
Lab File: VX045734.D
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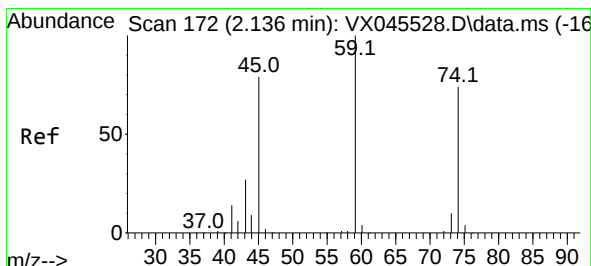
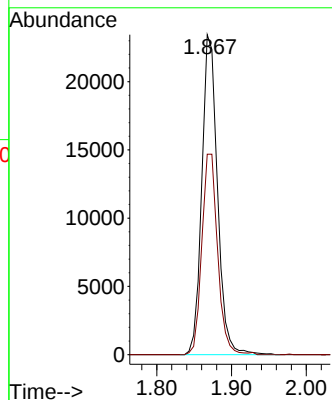
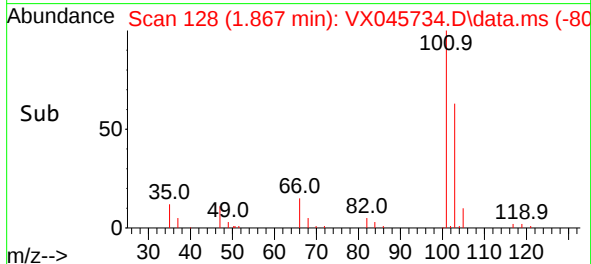
Instrument :
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Tgt Ion:101 Resp: 3410
Ion Ratio Lower Upper
101 100
103 62.6 51.1 76.7

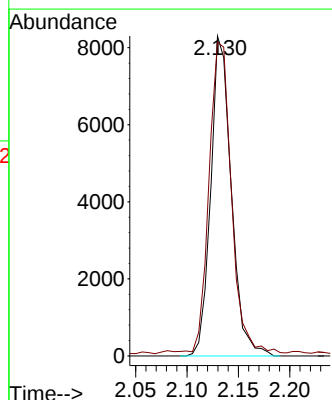
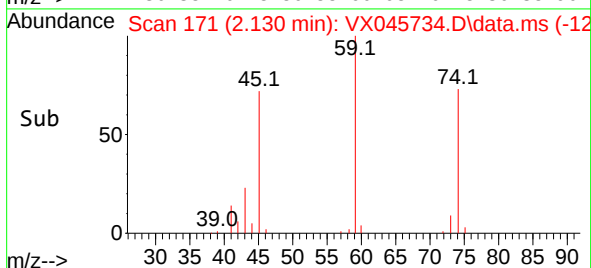
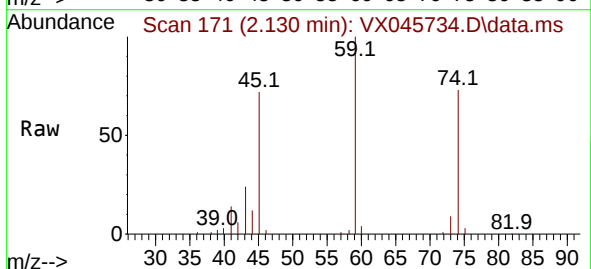
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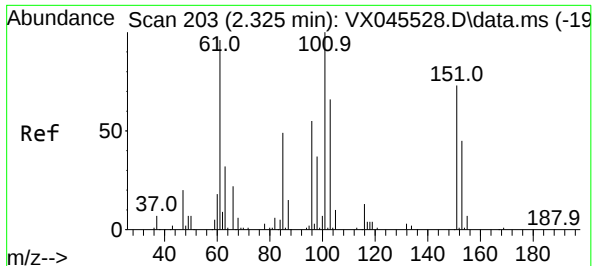
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#8
Diethyl Ether
Concen: 19.421 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Tgt Ion: 74 Resp: 11527
Ion Ratio Lower Upper
74 100
45 104.9 53.0 159.1





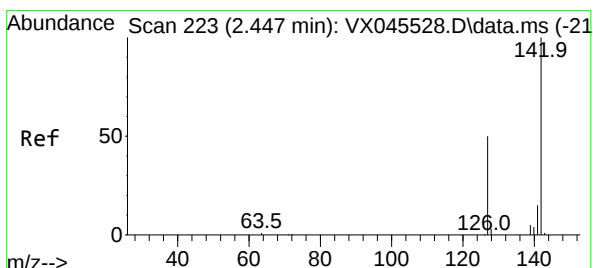
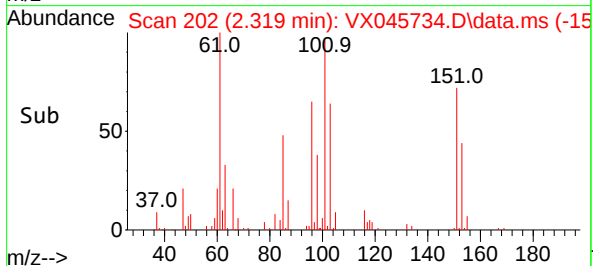
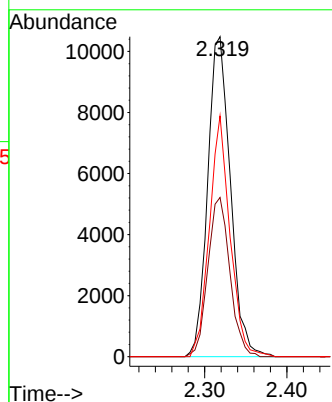
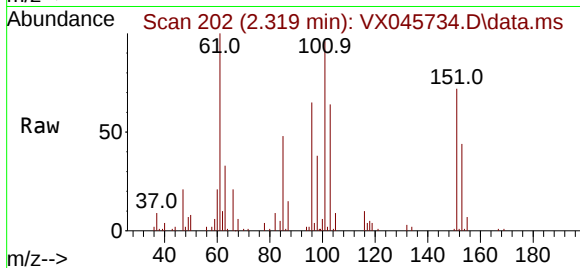
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.431 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01

Tgt Ion:101 Resp: 20130
Ion Ratio Lower Upper
101 100
85 48.3 38.9 58.3
151 68.5 57.5 86.3

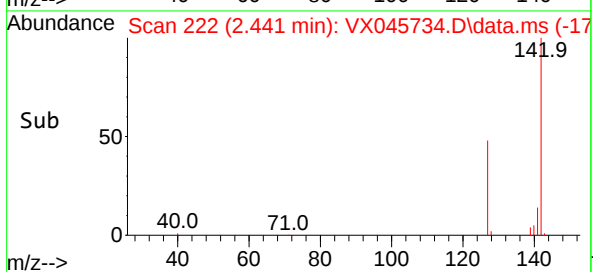
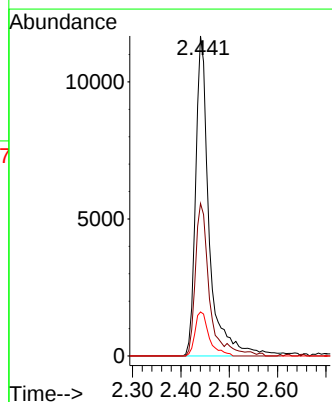
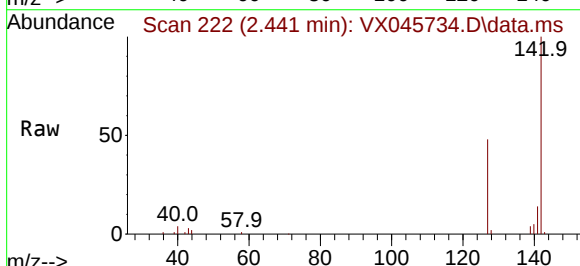
Manual Integrations
APPROVED

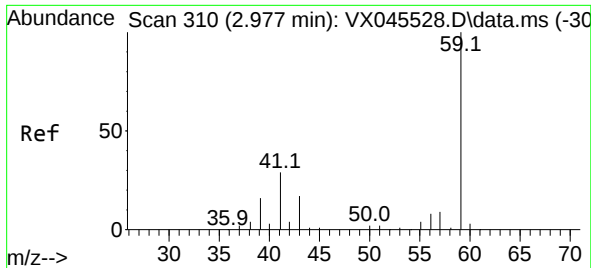
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#10
Methyl Iodide
Concen: 17.637 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

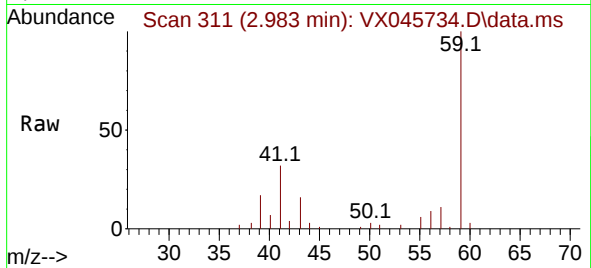
Tgt Ion:142 Resp: 22790
Ion Ratio Lower Upper
142 100
127 49.6 40.2 60.4
141 14.2 11.7 17.5





#11
Tert butyl alcohol
Concen: 108.275 ug/l
RT: 2.983 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

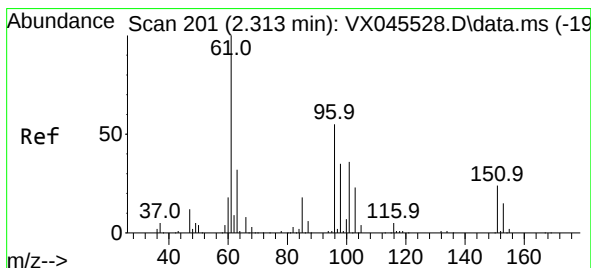
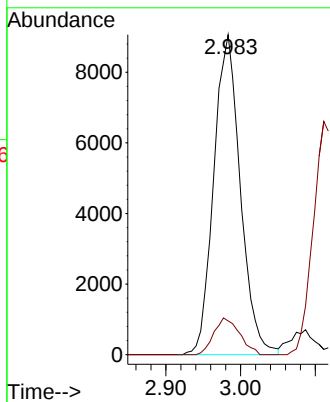
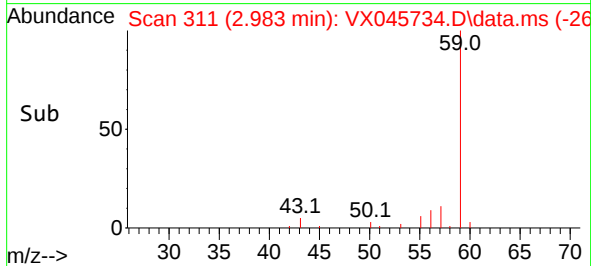
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion: 59 Resp: 22438
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

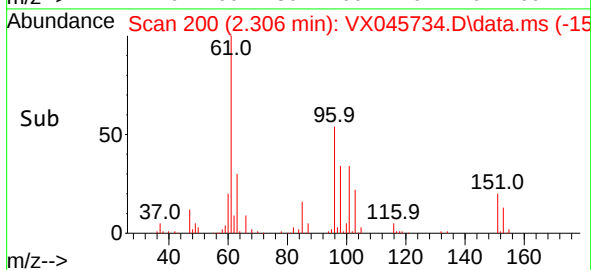
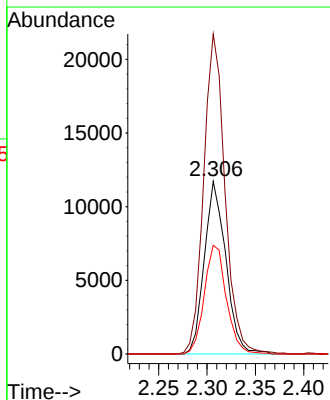
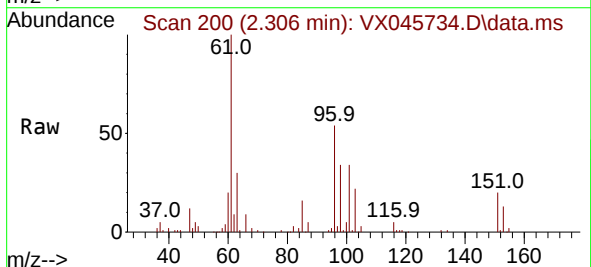
Manual Integrations
APPROVED

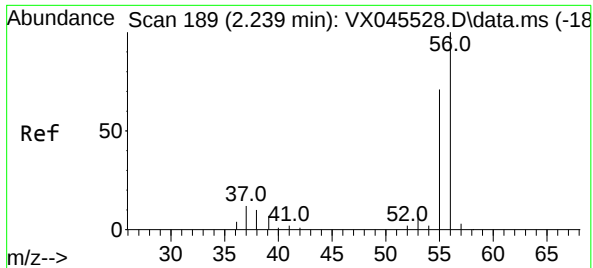
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#12
1,1-Dichloroethene
Concen: 17.941 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

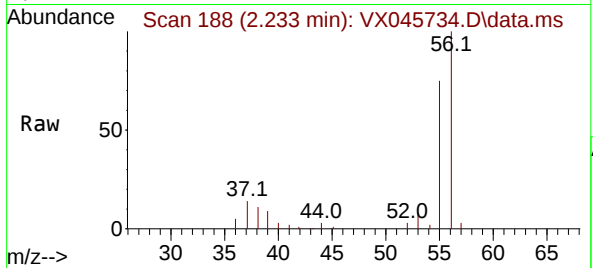
Tgt Ion: 96 Resp: 18161
Ion Ratio Lower Upper
96 100
61 185.3 145.7 218.5
98 63.0 51.6 77.4





#13
Acrolein
Concen: 96.712 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

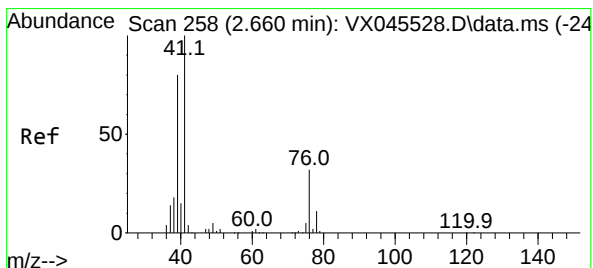
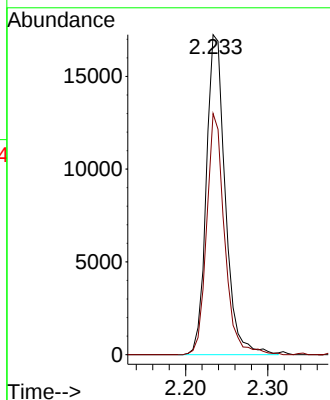
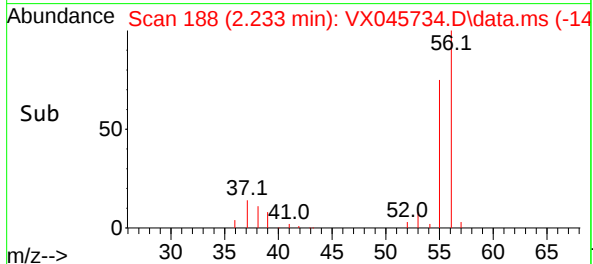
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion: 56 Resp: 2759
Ion Ratio Lower Upper
56 100
55 71.4 56.2 84.2

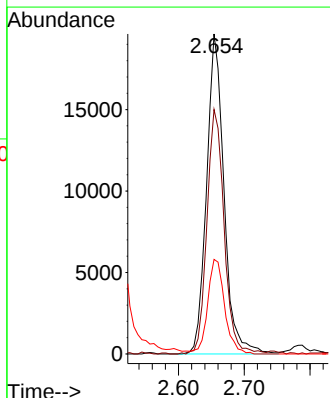
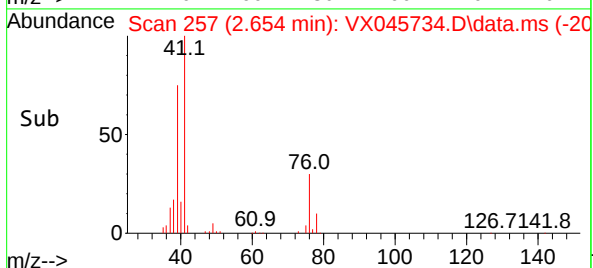
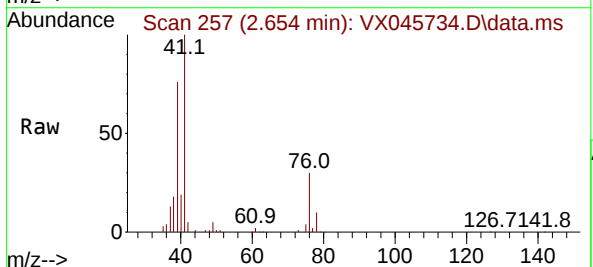
Manual Integrations
APPROVED

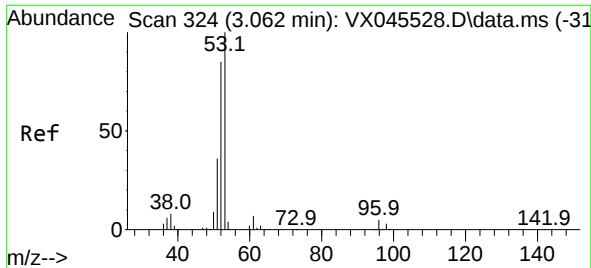
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#14
Allyl chloride
Concen: 18.884 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

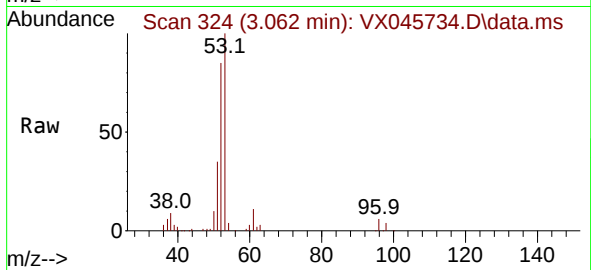
Tgt Ion: 41 Resp: 36269
Ion Ratio Lower Upper
41 100
39 75.2 60.2 90.2
76 28.8 24.6 36.8





#15
Acrylonitrile
Concen: 99.016 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

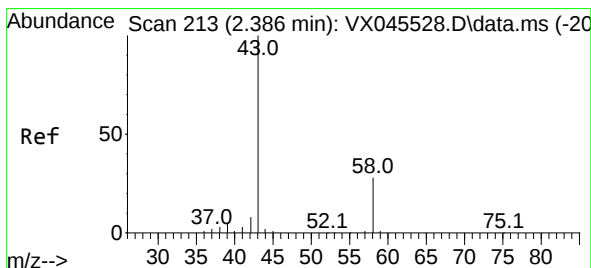
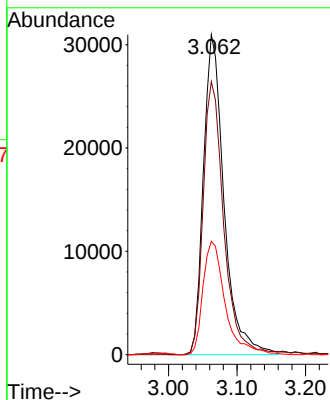
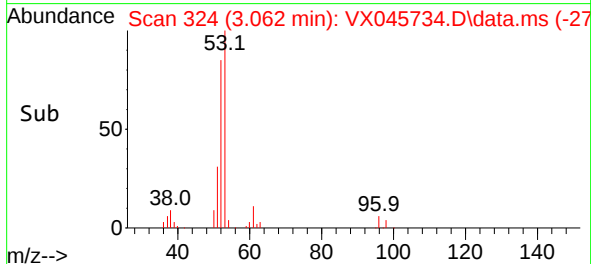
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



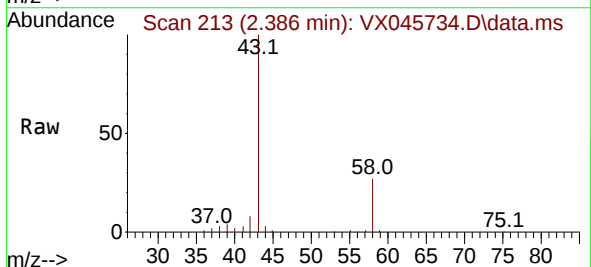
Tgt Ion: 53 Resp: 64772
Ion Ratio Lower Upper
53 100
52 85.9 67.4 101.2
51 38.1 29.9 44.9

Manual Integrations
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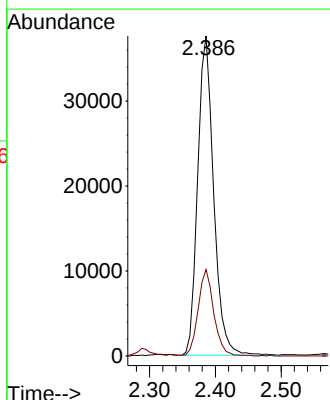
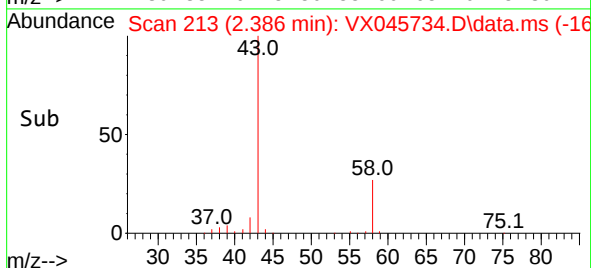
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

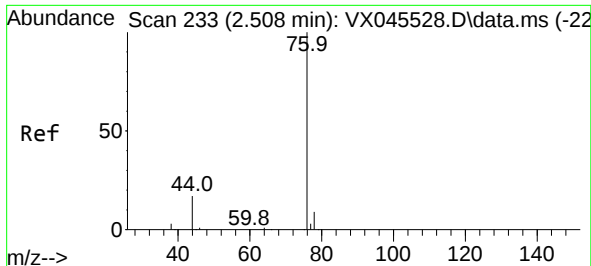


#16
Acetone
Concen: 100.219 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22



Tgt Ion: 43 Resp: 63457
Ion Ratio Lower Upper
43 100
58 27.0 22.3 33.5





#17

Carbon Disulfide

Concen: 14.474 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBSD01

Tgt Ion: 76 Resp: 3618

Ion Ratio Lower Upper

76 100

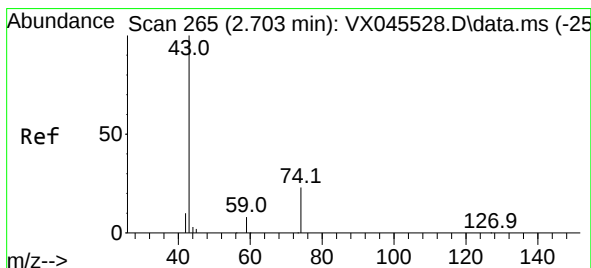
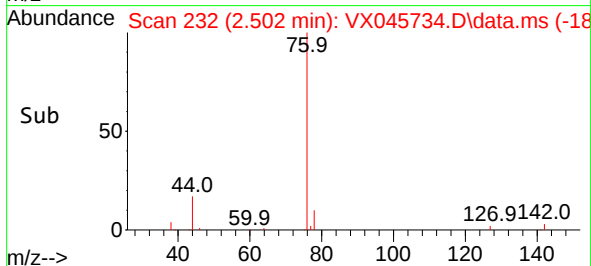
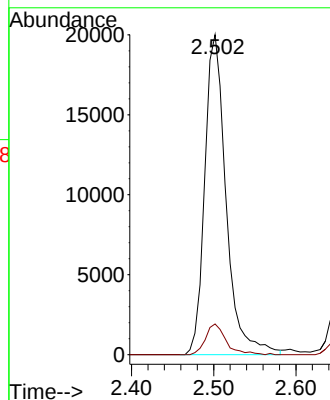
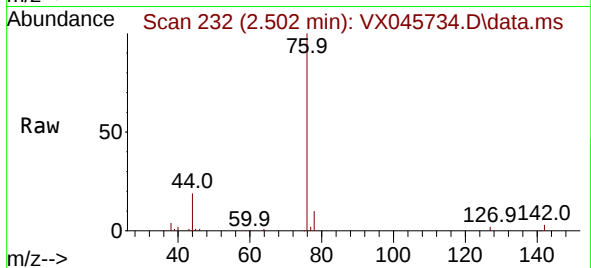
78 9.6 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#18

Methyl Acetate

Concen: 22.909 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045734.D

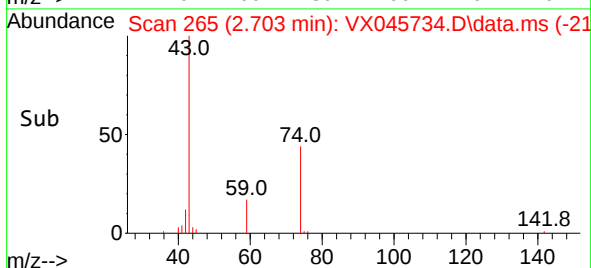
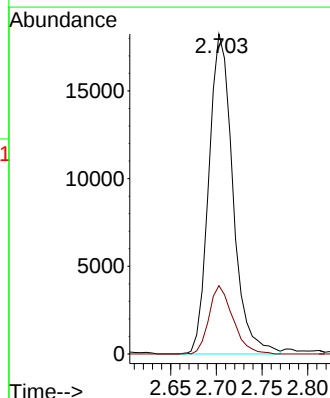
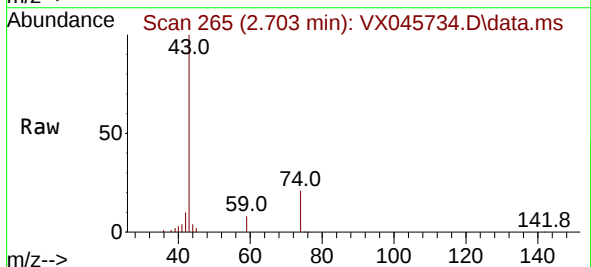
Acq: 11 Apr 2025 12:22

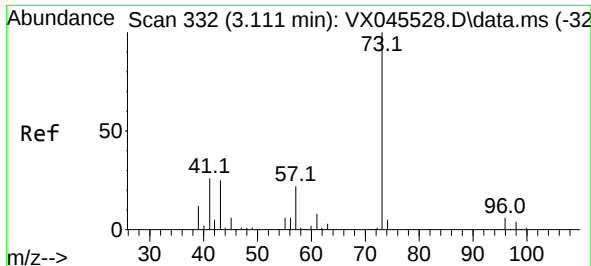
Tgt Ion: 43 Resp: 33397

Ion Ratio Lower Upper

43 100

74 21.2 17.5 26.3





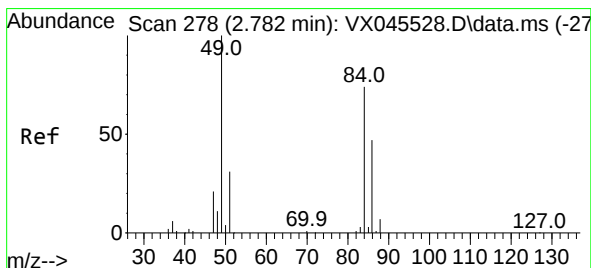
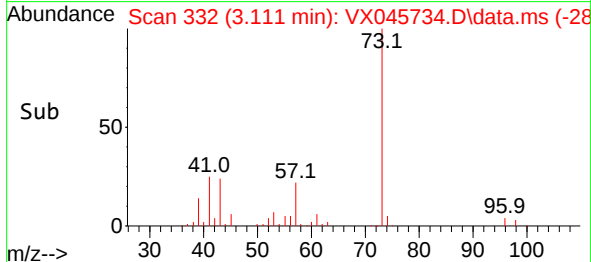
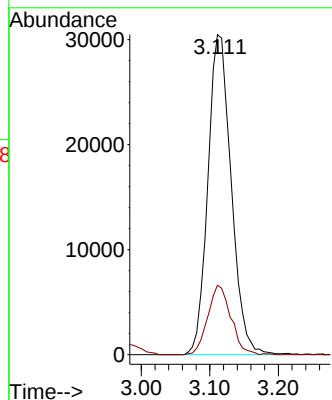
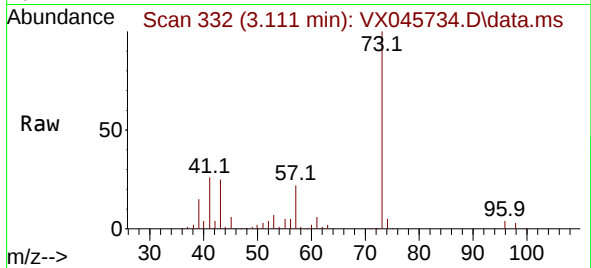
#19
Methyl tert-butyl Ether
Concen: 20.361 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01

Tgt Ion: 73 Resp: 72098
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

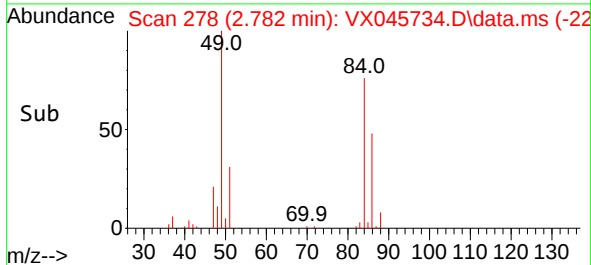
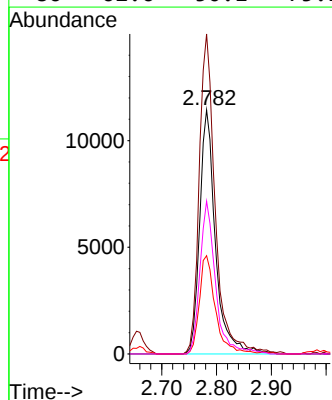
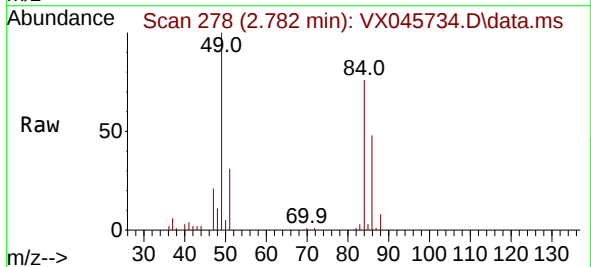
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#20
Methylene Chloride
Concen: 19.359 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

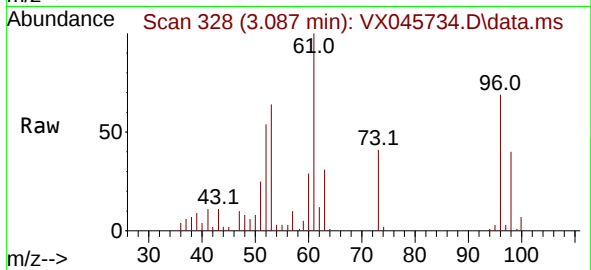
Tgt Ion: 84 Resp: 22948
Ion Ratio Lower Upper
84 100
49 131.1 107.5 161.3
51 40.3 33.0 49.6
86 62.6 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 18.542 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

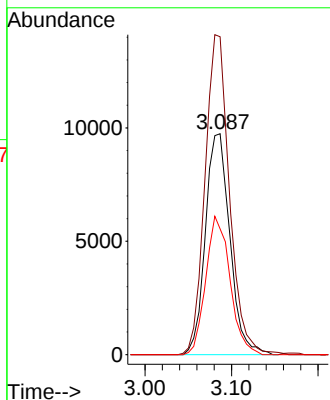
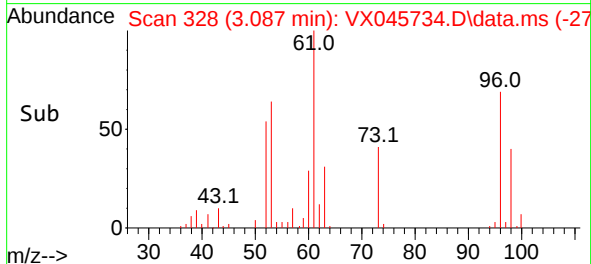
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion: 96 Resp: 1917
Ion Ratio Lower Upper
96 100
61 143.9 121.0 181.6
98 56.9 49.7 74.5

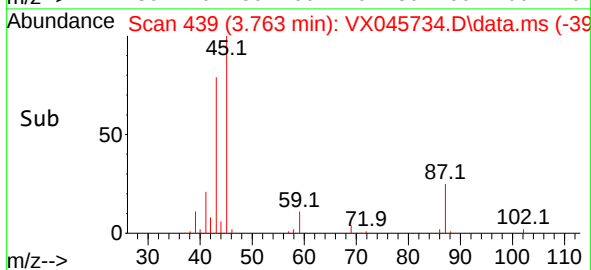
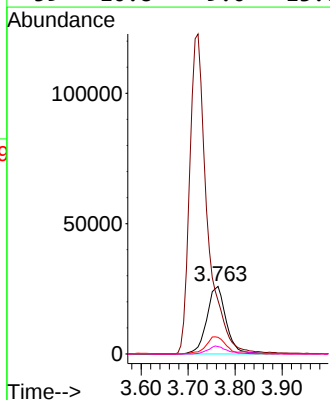
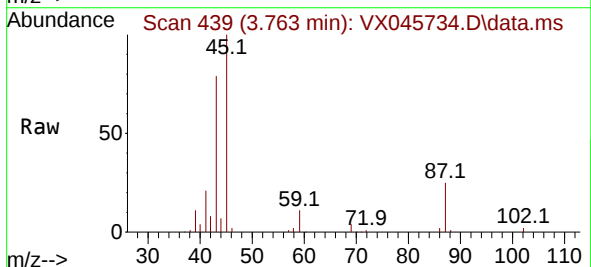
Manual Integrations
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Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#22
Diisopropyl ether
Concen: 19.599 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Tgt Ion: 45 Resp: 74151
Ion Ratio Lower Upper
45 100
43 77.6 59.3 88.9
87 24.7 20.4 30.6
59 10.8 9.0 13.6





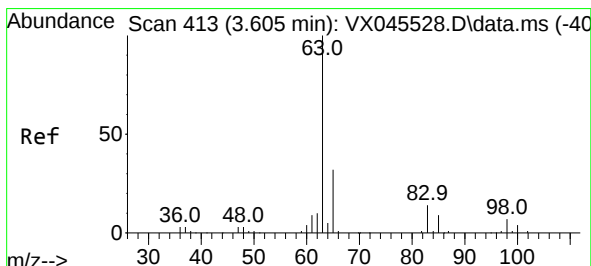
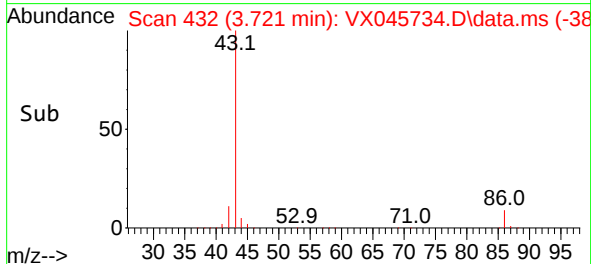
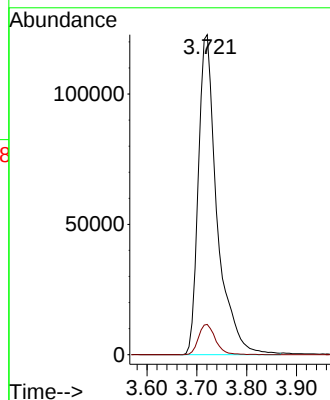
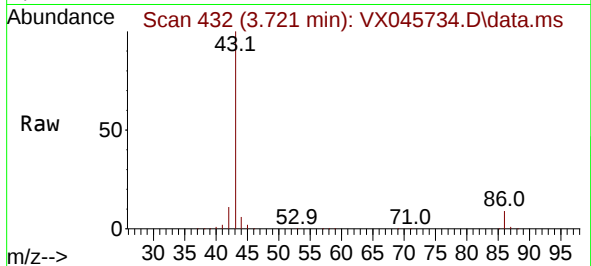
#23
 Vinyl Acetate
 Concen: 98.039 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045734.D
 Acq: 11 Apr 2025 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBSD01

Tgt Ion: 43 Resp: 32047
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

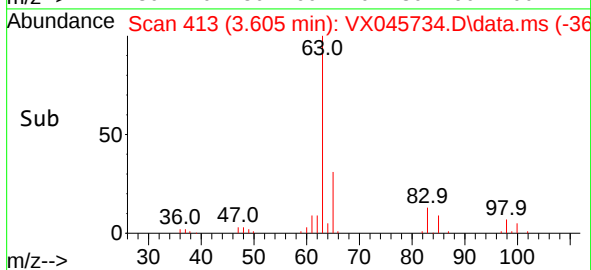
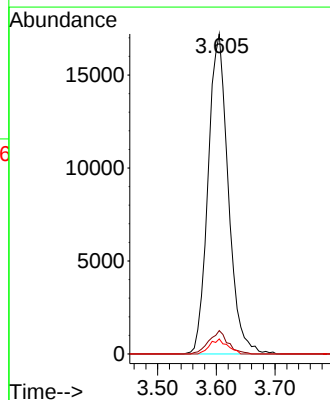
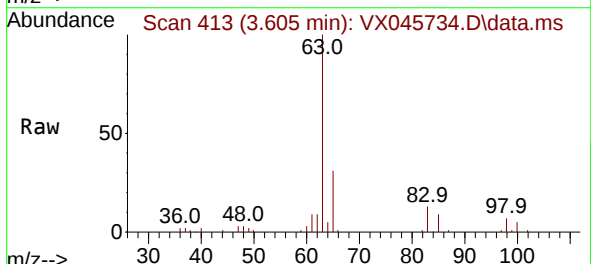
Manual Integrations
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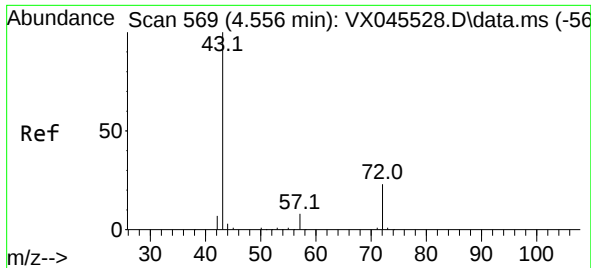
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#24
 1,1-Dichloroethane
 Concen: 19.162 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045734.D
 Acq: 11 Apr 2025 12:22

Tgt Ion: 63 Resp: 41001
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.1
 100 4.7 2.2 6.6





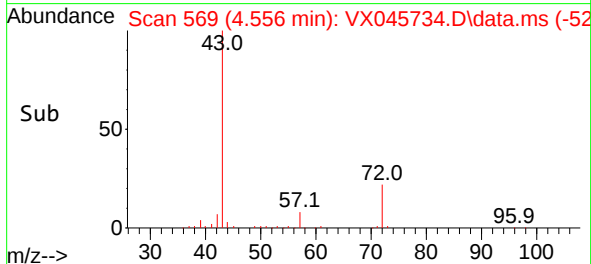
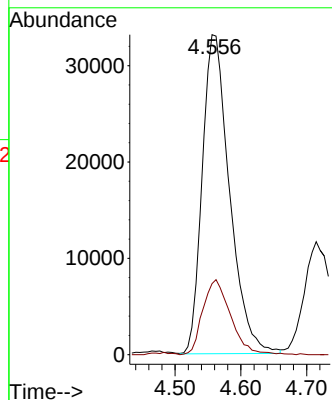
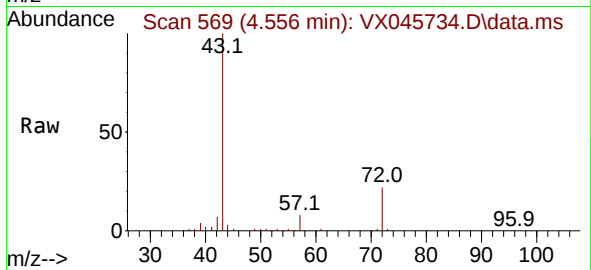
#25
2-Butanone
Concen: 103.387 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01

Tgt Ion: 43 Resp: 95825
Ion Ratio Lower Upper
43 100
72 22.3 18.6 28.0

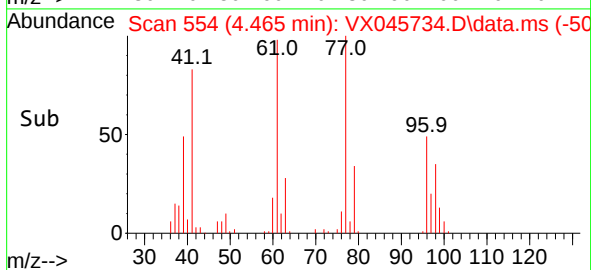
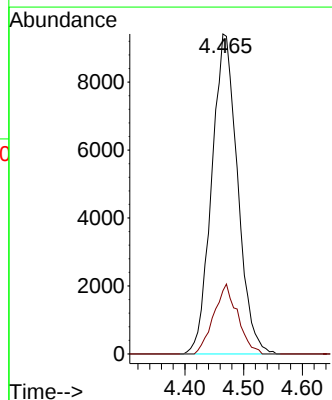
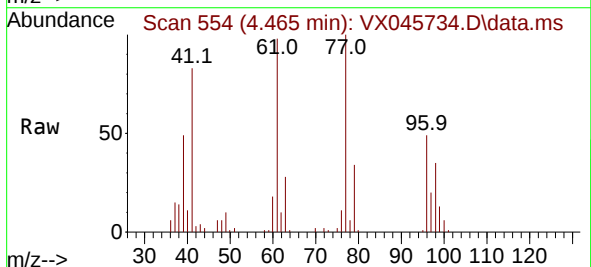
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#26
2,2-Dichloropropane
Concen: 20.806 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Tgt Ion: 77 Resp: 28763
Ion Ratio Lower Upper
77 100
97 20.2 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 18.424 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBSD01

Tgt Ion: 96 Resp: 2321

Ion Ratio Lower Upper

96 100

61 161.4 0.0 313.2

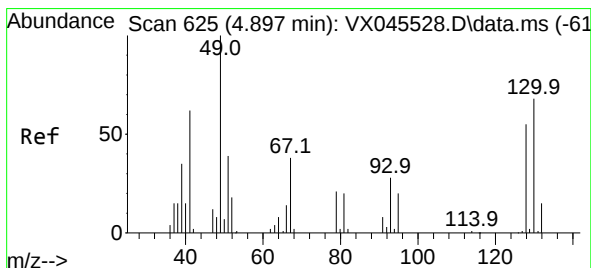
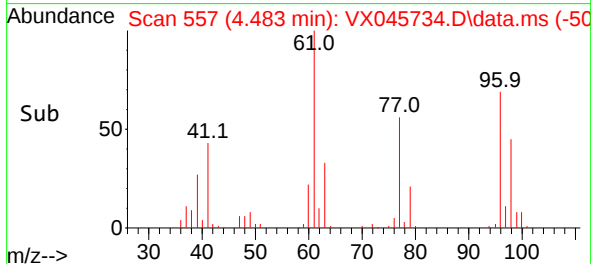
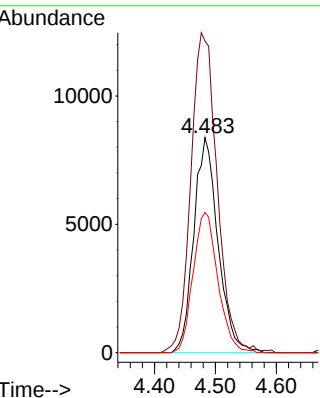
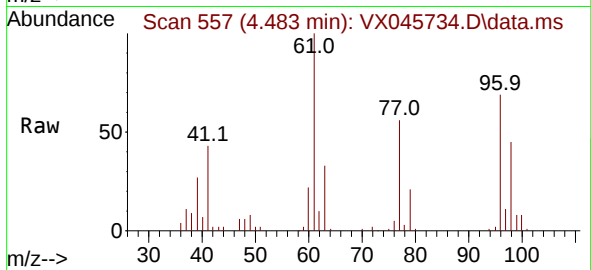
98 66.5 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#28

Bromochloromethane

Concen: 25.723 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

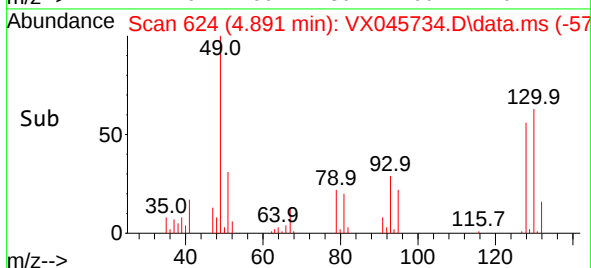
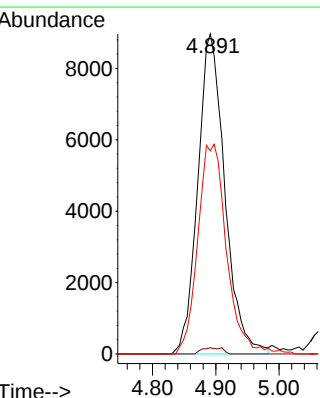
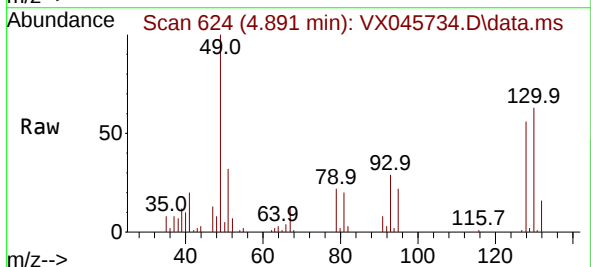
Tgt Ion: 49 Resp: 26597

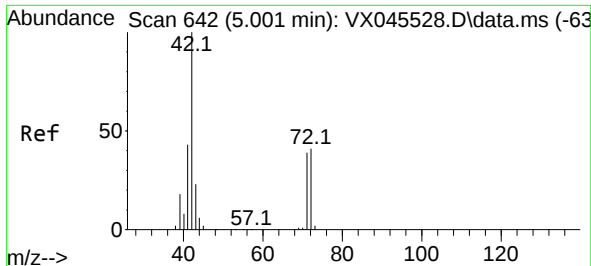
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

130 69.9 54.6 81.8





#29

Tetrahydrofuran

Concen: 98.191 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBSD01

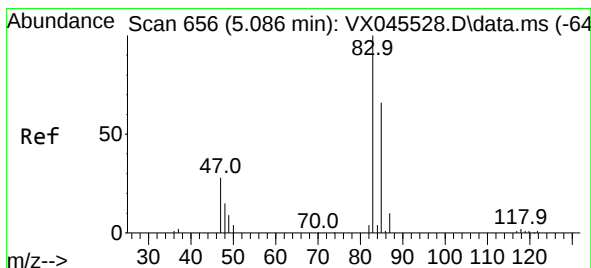
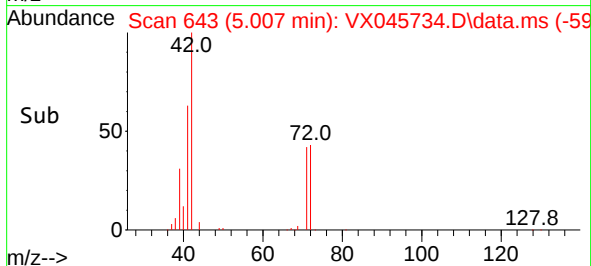
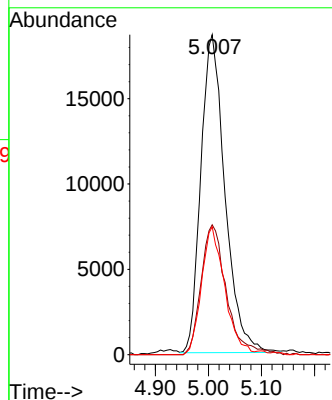
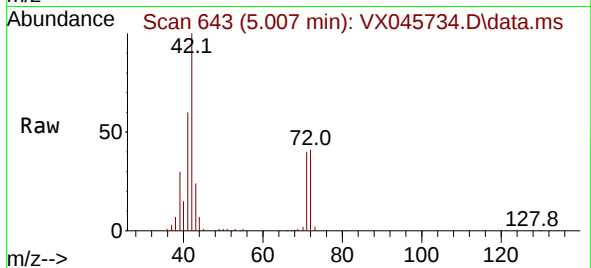
Tgt Ion:	42	Resp:	59004
Ion	Ratio	Lower	Upper
42	100		
72	42.8	33.4	50.0
71	38.6	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#30

Chloroform

Concen: 19.700 ug/l

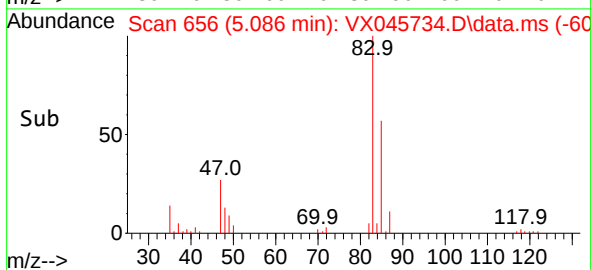
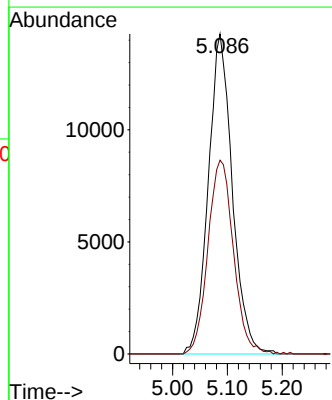
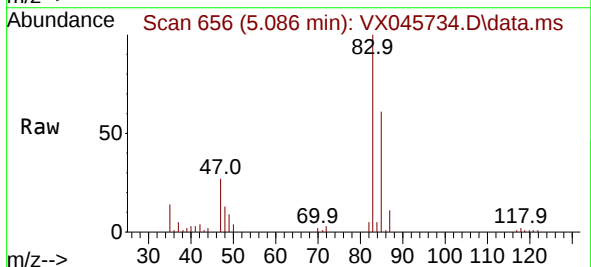
RT: 5.086 min Scan# 656

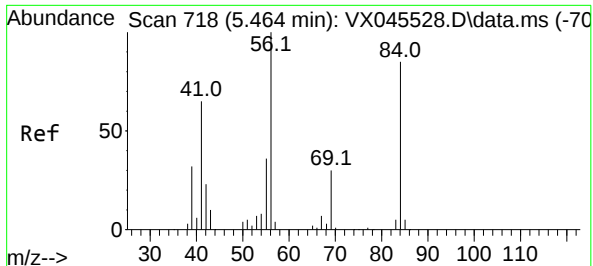
Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

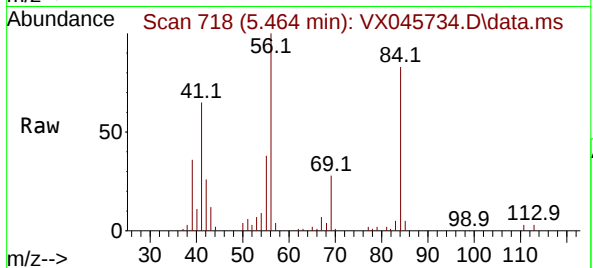
Tgt Ion:	83	Resp:	43373
Ion	Ratio	Lower	Upper
83	100		
85	60.5	52.8	79.2





#31
Cyclohexane
Concen: 18.243 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

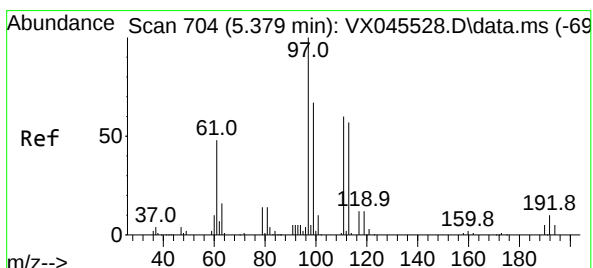
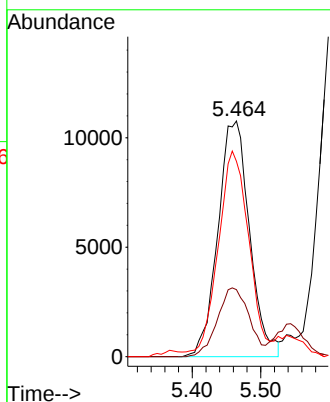
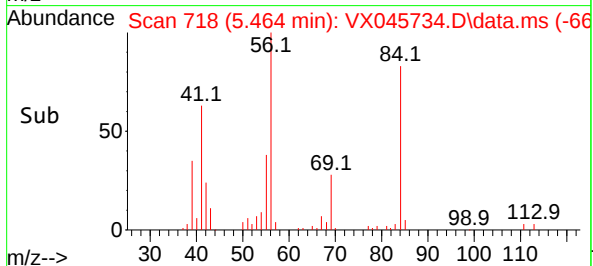
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion: 56 Resp: 3450
Ion Ratio Lower Upper
56 100
69 28.5 23.6 35.4
84 80.9 67.7 101.5

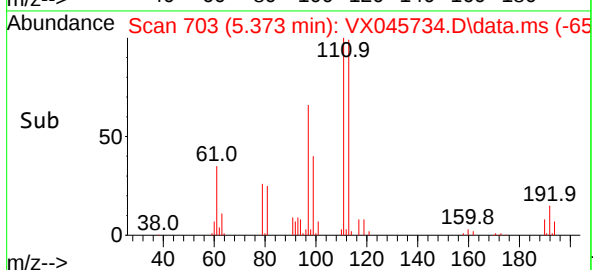
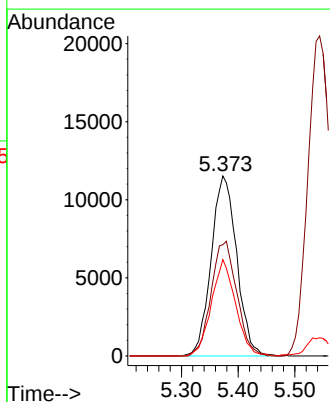
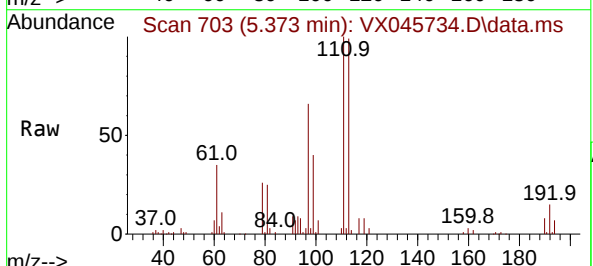
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#32
1,1,1-Trichloroethane
Concen: 19.341 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Tgt Ion: 97 Resp: 36032
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 50.7 41.0 61.4





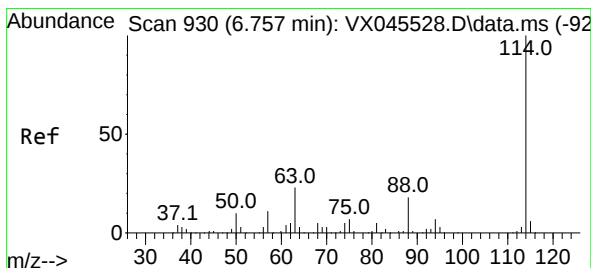
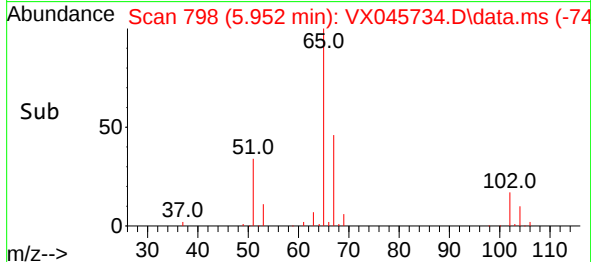
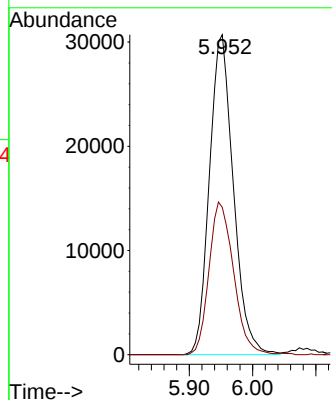
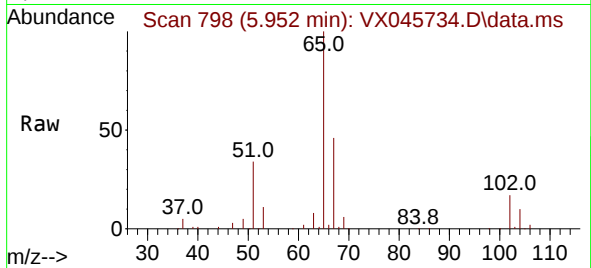
#33
 1,2-Dichloroethane-d4
 Concen: 52.324 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045734.D
 Acq: 11 Apr 2025 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBSD01

Tgt Ion: 65 Resp: 8068
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.0

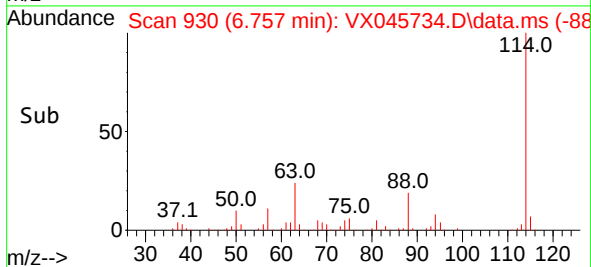
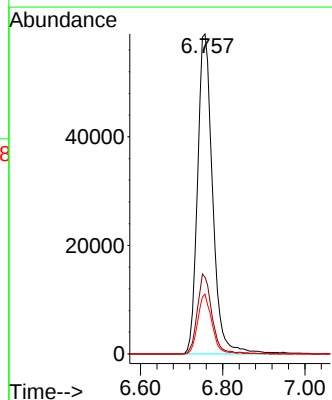
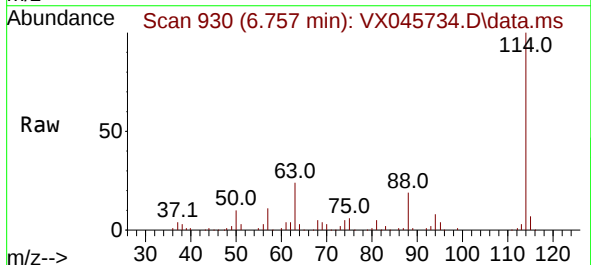
Manual Integrations
 APPROVED

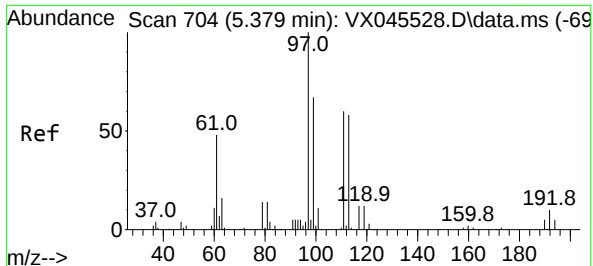
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045734.D
 Acq: 11 Apr 2025 12:22

Tgt Ion:114 Resp: 150272
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 46.8
 88 18.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.814 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBSD01

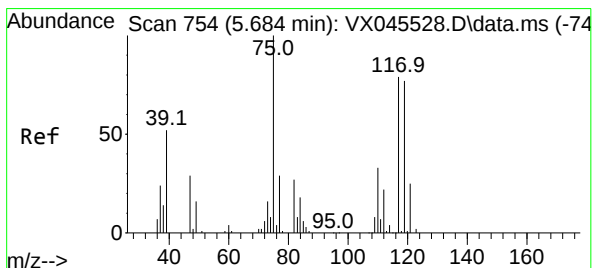
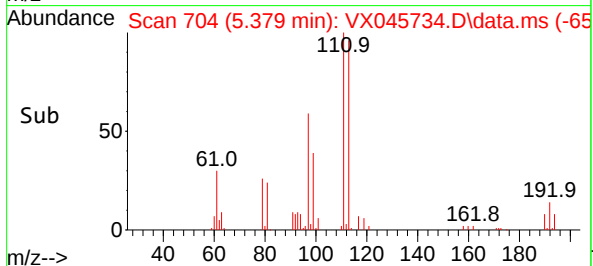
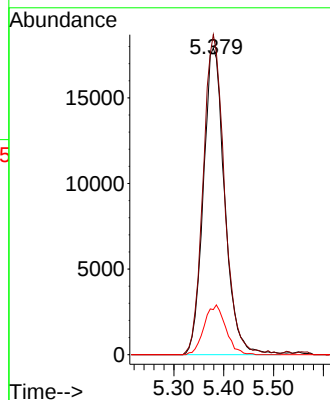
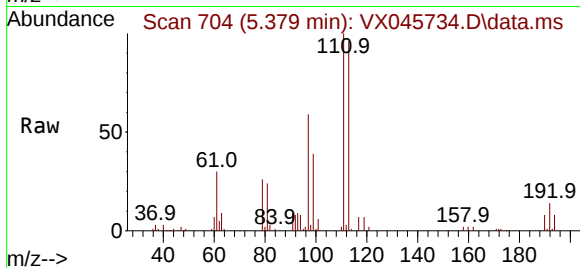
Tgt Ion:	113	Resp:	5311
Ion Ratio	Lower	Upper	
113	100		
111	104.2	81.8	122.6
192	16.5	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#36

1,1-Dichloropropene

Concen: 18.517 ug/l

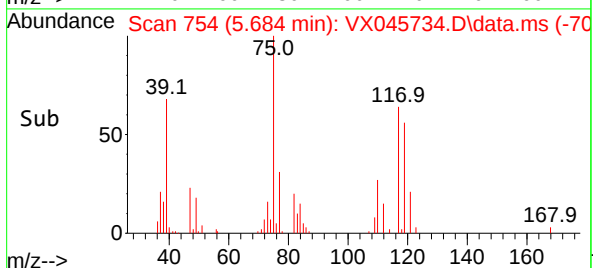
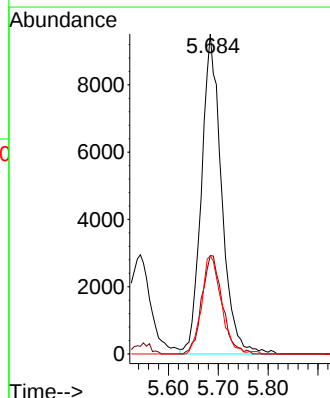
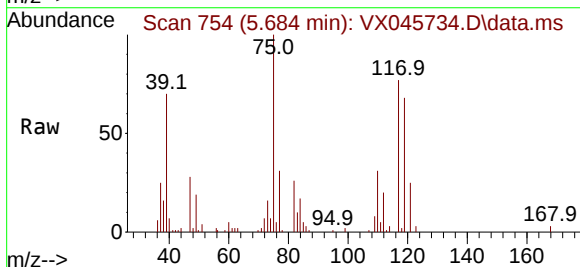
RT: 5.684 min Scan# 754

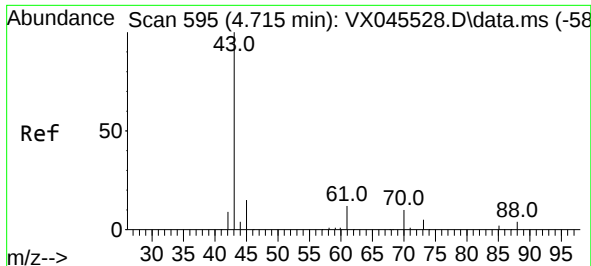
Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

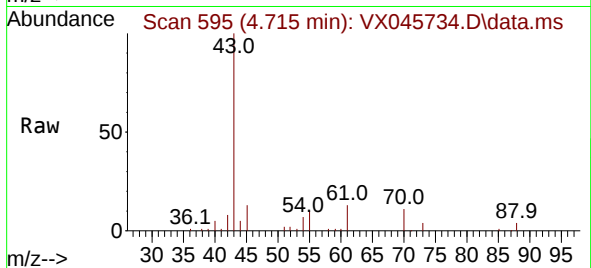
Tgt Ion:	75	Resp:	26656
Ion Ratio	Lower	Upper	
75	100		
110	31.2	16.9	50.6
77	29.9	25.0	37.4





#37
Ethyl Acetate
Concen: 19.342 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

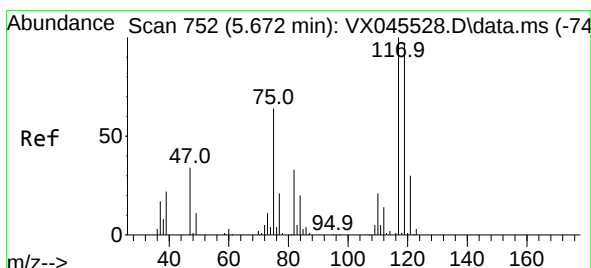
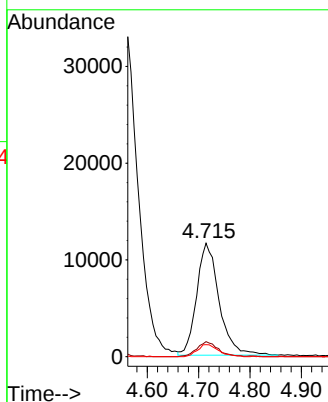
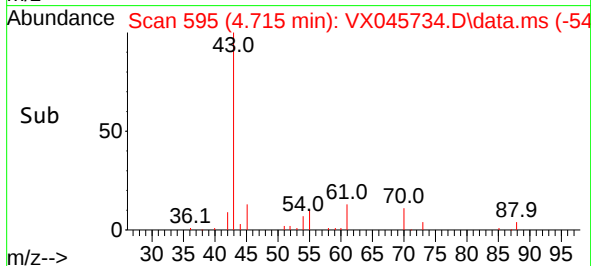
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion: 43 Resp: 35089
Ion Ratio Lower Upper
43 100
61 12.8 9.9 14.9
70 10.2 7.5 11.3

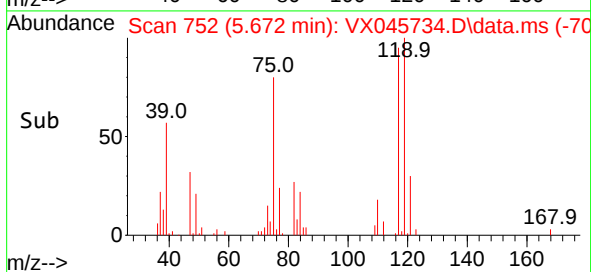
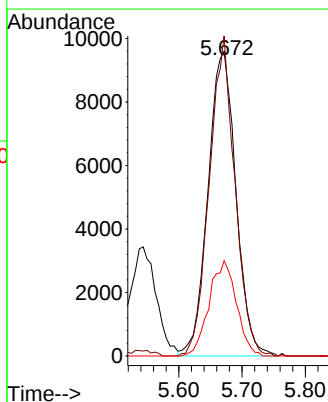
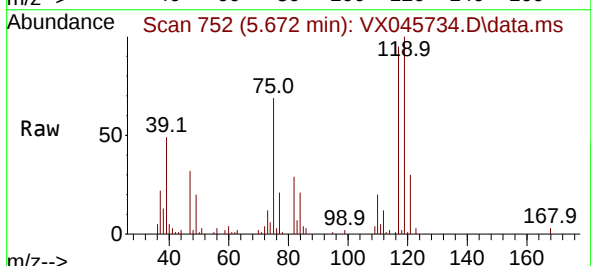
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#38
Carbon Tetrachloride
Concen: 18.906 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Tgt Ion:117 Resp: 29414
Ion Ratio Lower Upper
117 100
119 105.1 76.9 115.3
121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 18.674 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBSD01

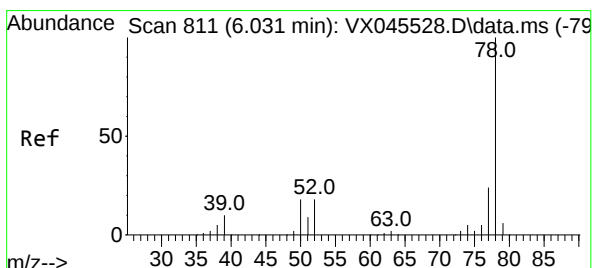
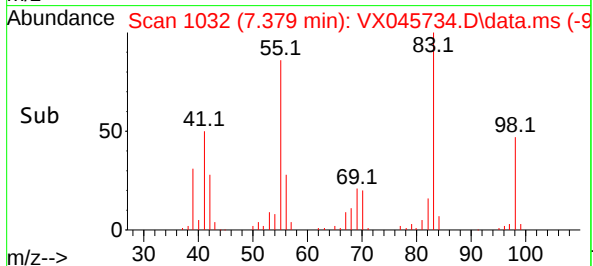
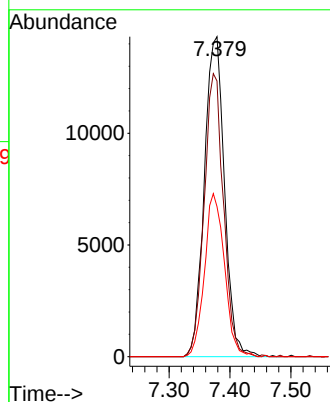
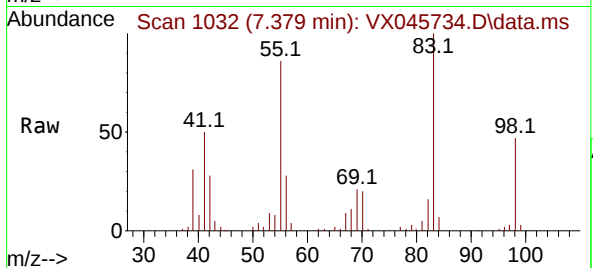
Tgt Ion: 83	Resp: 3295
Ion Ratio	Lower Upper
83 100	
55 86.2	64.9 97.3
98 46.9	37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#40

Benzene

Concen: 18.687 ug/l

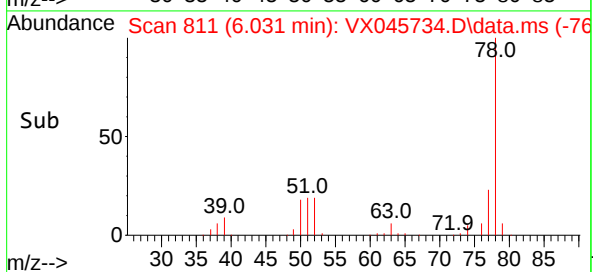
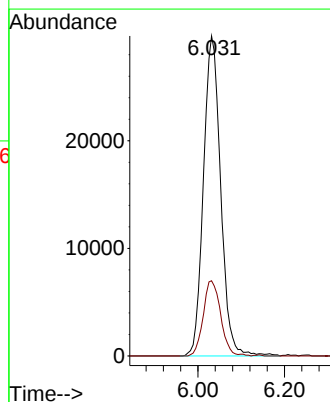
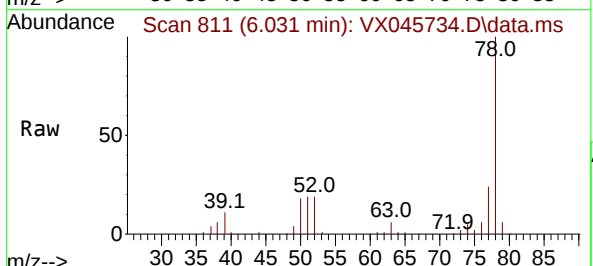
RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

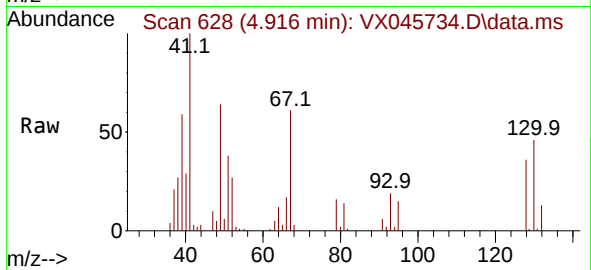
Tgt Ion: 78	Resp: 82159
Ion Ratio	Lower Upper
78 100	
77 23.5	19.0 28.6





#41
Methacrylonitrile
Concen: 20.439 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

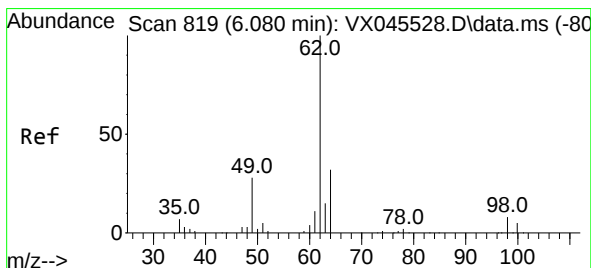
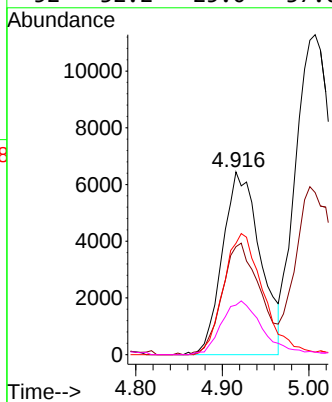
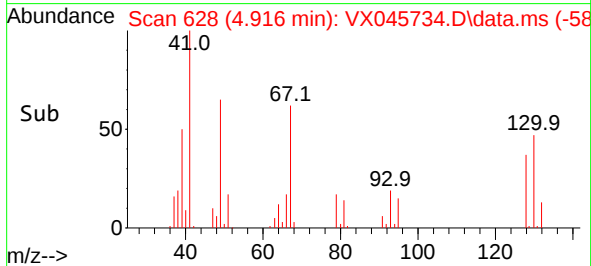
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion: 41 Resp: 1956
Ion Ratio Lower Upper
41 100
39 61.2 47.0 70.6
67 70.0 53.2 79.8
52 32.2 25.0 37.6

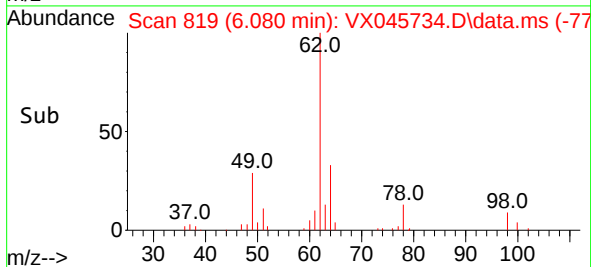
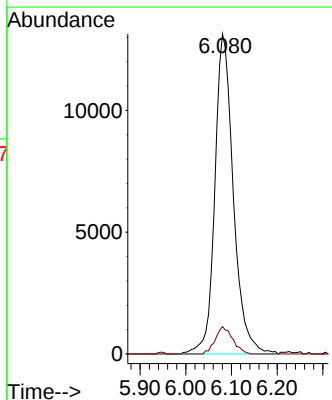
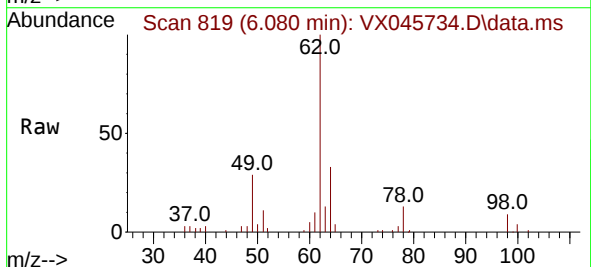
Manual Integrations
APPROVED

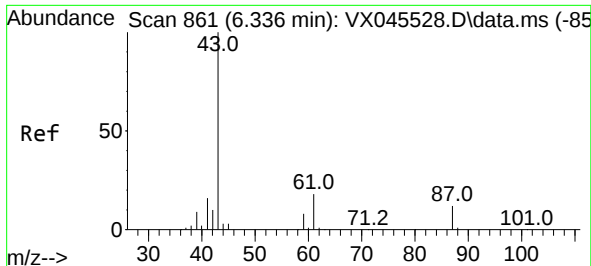
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#42
1,2-Dichloroethane
Concen: 20.370 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

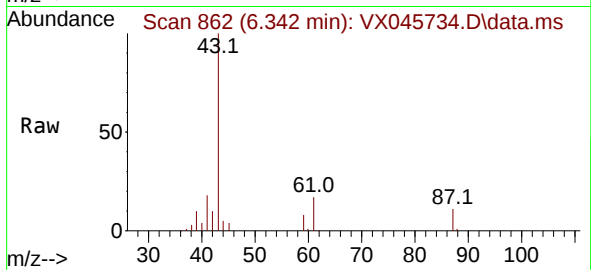
Tgt Ion: 62 Resp: 36989
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.2





#43
Isopropyl Acetate
Concen: 20.170 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

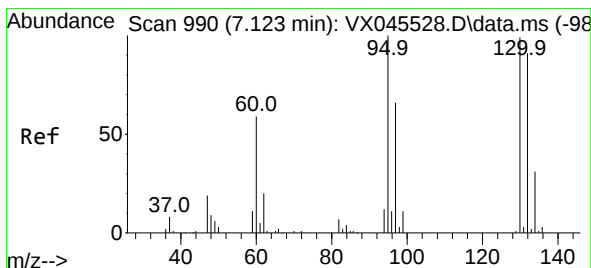
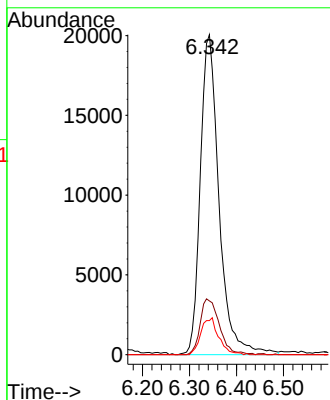
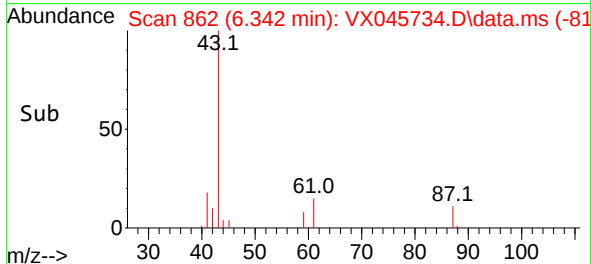
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion: 43 Resp: 55460
Ion Ratio Lower Upper
43 100
61 17.9 14.1 21.1
87 11.0 9.2 13.8

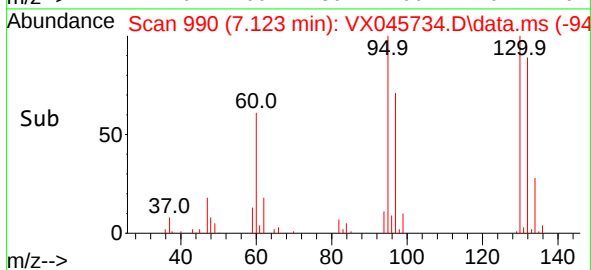
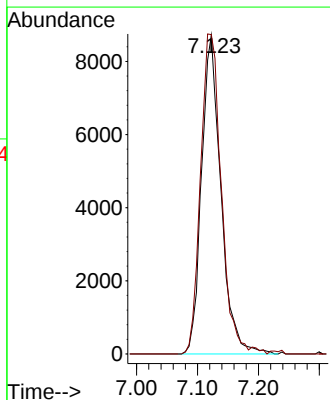
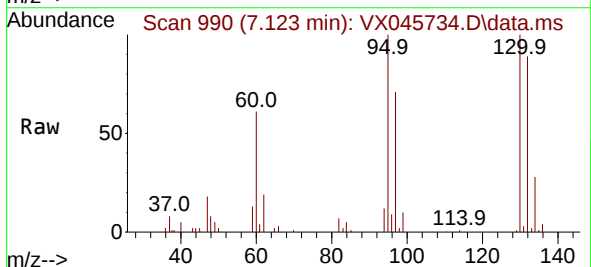
Manual Integrations
APPROVED

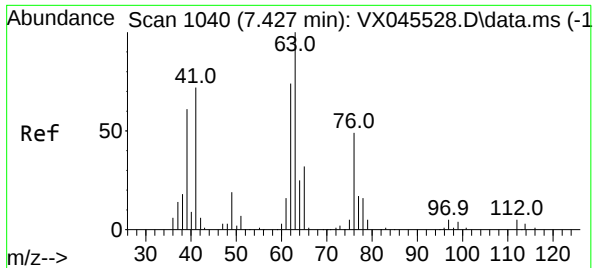
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#44
Trichloroethene
Concen: 18.422 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Tgt Ion:130 Resp: 19251
Ion Ratio Lower Upper
130 100
95 100.2 0.0 202.0





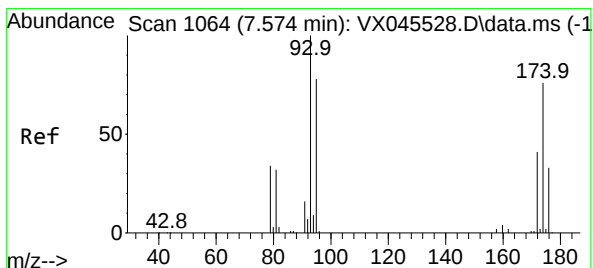
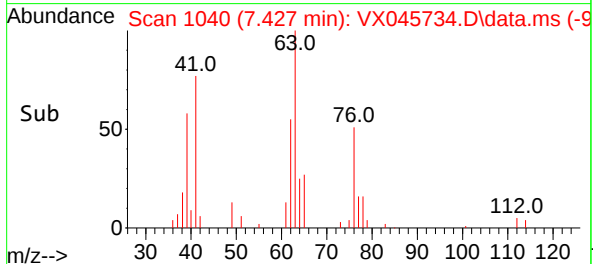
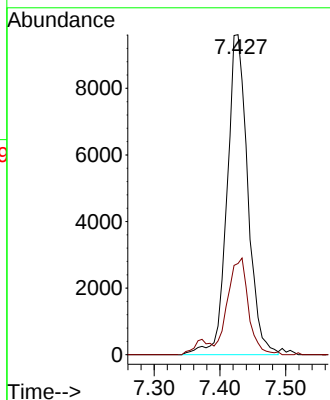
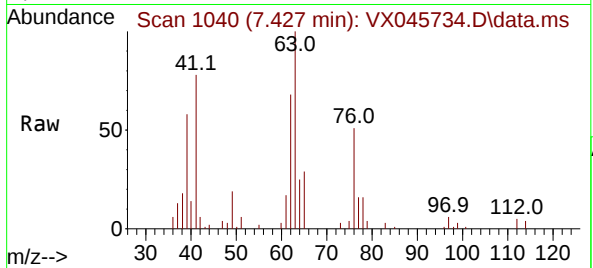
#45
1,2-Dichloropropane
Concen: 19.231 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01

Tgt Ion: 63 Resp: 21090
Ion Ratio Lower Upper
63 100
65 28.5 25.8 38.6

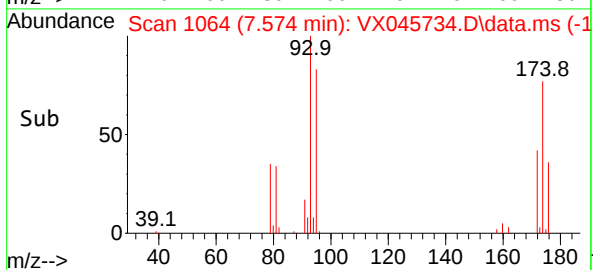
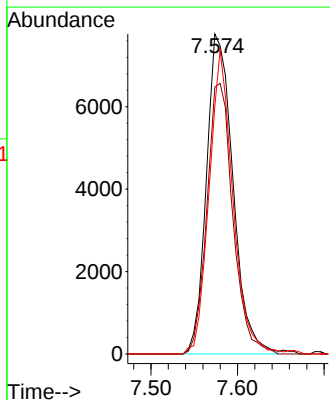
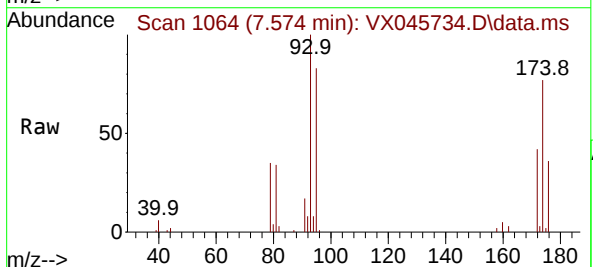
Manual Integrations
APPROVED

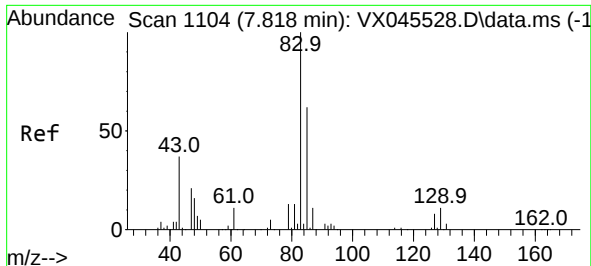
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#46
Dibromomethane
Concen: 19.665 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

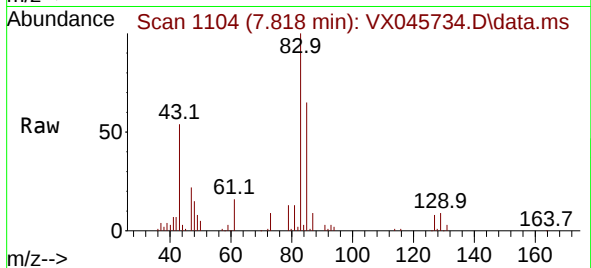
Tgt Ion: 93 Resp: 16560
Ion Ratio Lower Upper
93 100
95 82.6 64.8 97.2
174 85.1 65.4 98.0





#47
Bromodichloromethane
Concen: 19.510 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

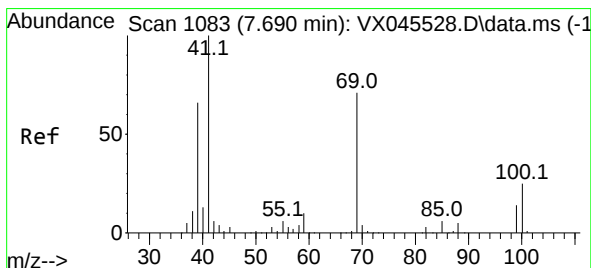
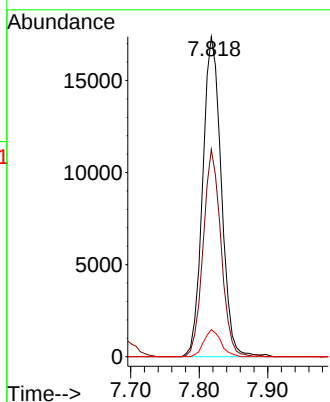
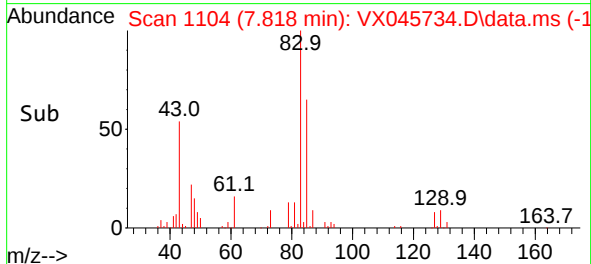
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



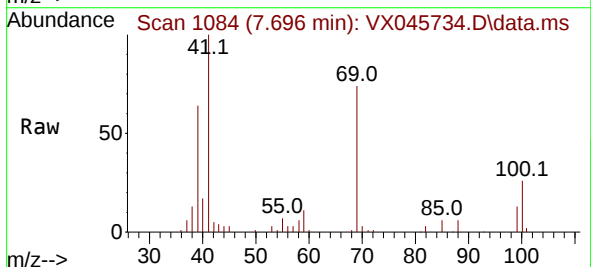
Tgt Ion: 83 Resp: 32810
Ion Ratio Lower Upper
83 100
85 64.8 49.7 74.5
127 8.5 6.1 9.1

Manual Integrations
APPROVED

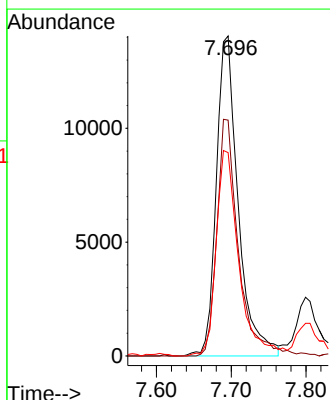
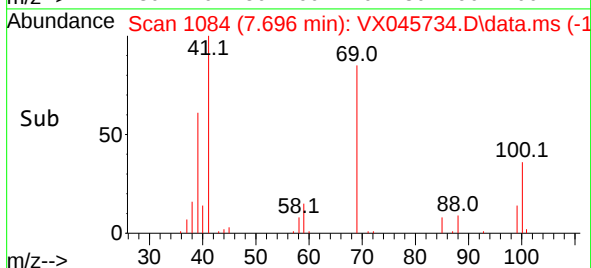
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

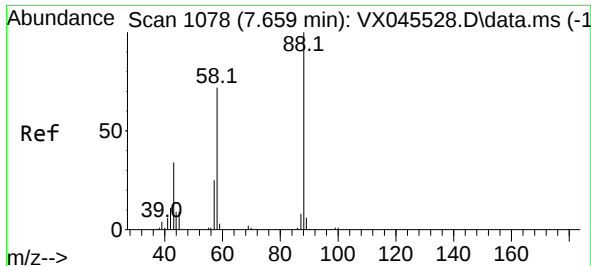


#48
Methyl methacrylate
Concen: 20.151 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22



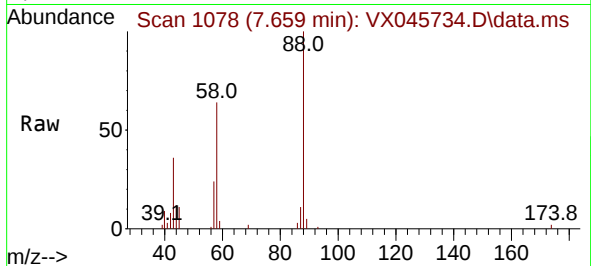
Tgt Ion: 41 Resp: 28607
Ion Ratio Lower Upper
41 100
69 73.2 58.2 87.2
39 66.6 53.6 80.4





#49
1,4-Dioxane
Concen: 432.076 ug/l
RT: 7.659 min Scan# 11098
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

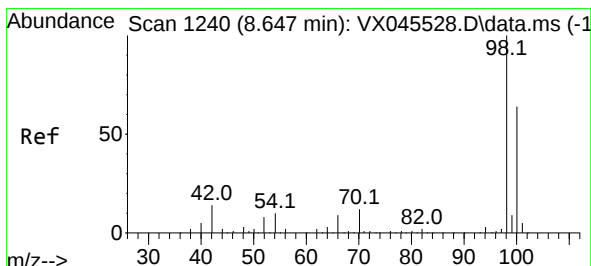
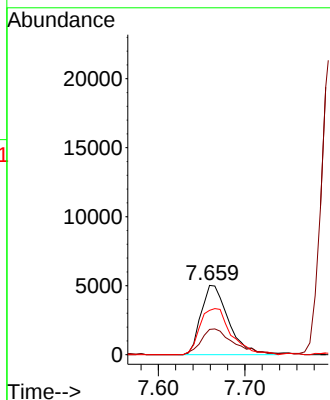
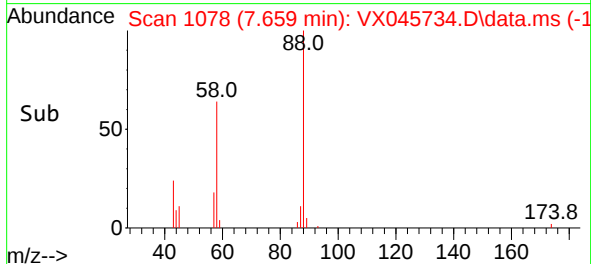
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion: 88 Resp: 11098
Ion Ratio Lower Upper
88 100
43 44.4 32.2 48.4
58 75.0 58.6 88.0

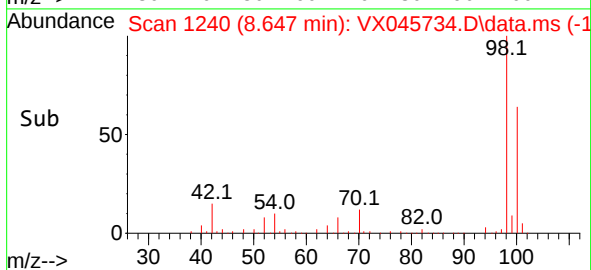
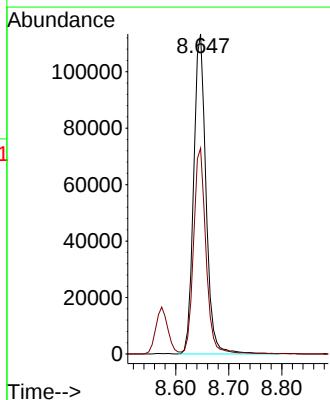
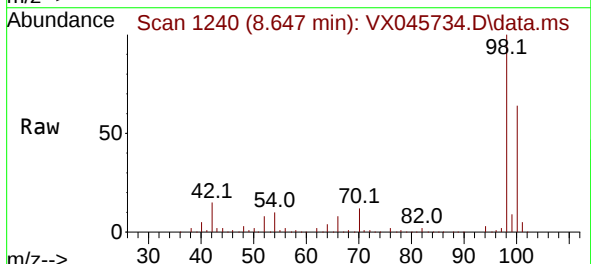
Manual Integrations
APPROVED

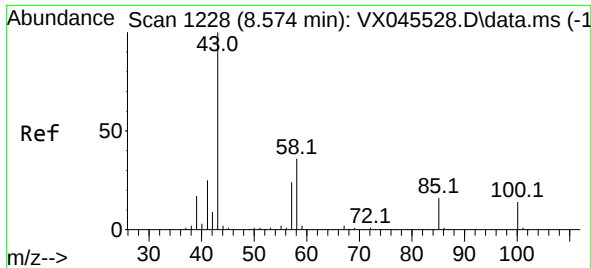
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#50
Toluene-d8
Concen: 49.252 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Tgt Ion: 98 Resp: 183285
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4





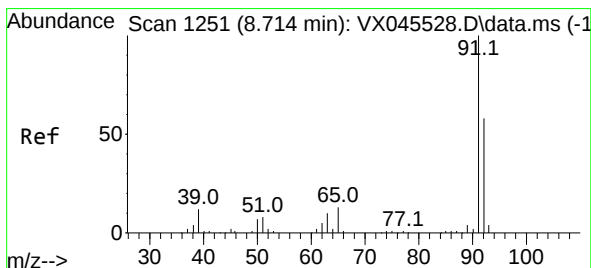
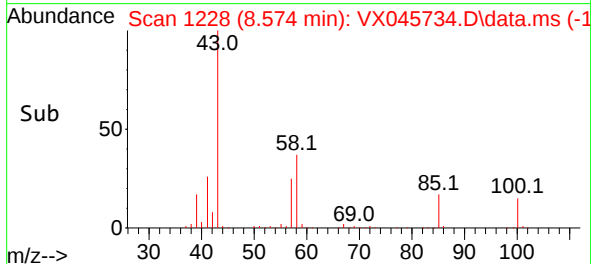
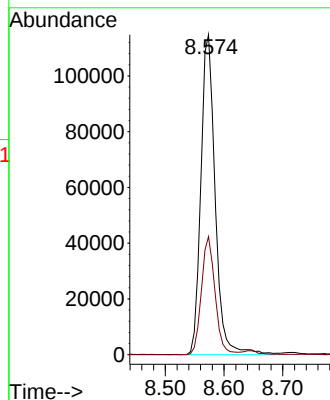
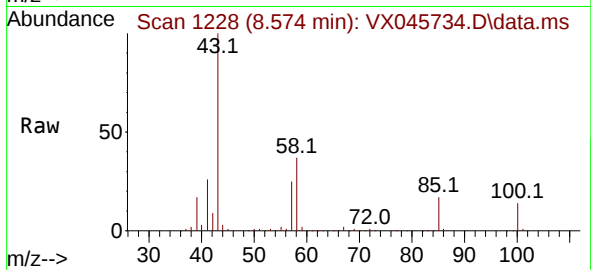
#51
4-Methyl-2-Pentanone
Concen: 106.998 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01

Tgt Ion: 43 Resp: 195029
Ion Ratio Lower Upper
43 100
58 35.0 28.5 42.7

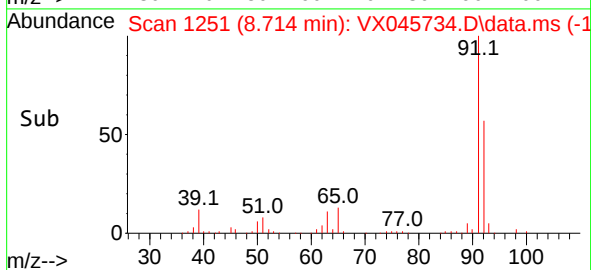
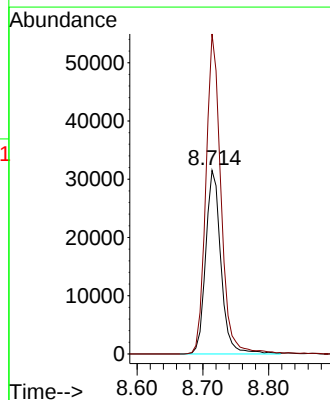
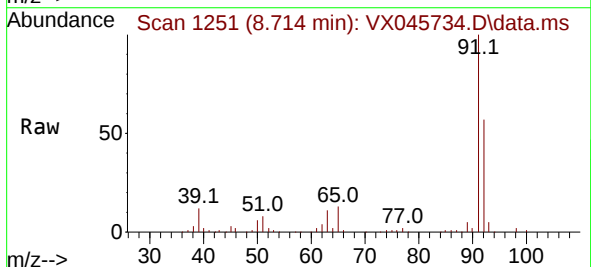
Manual Integrations
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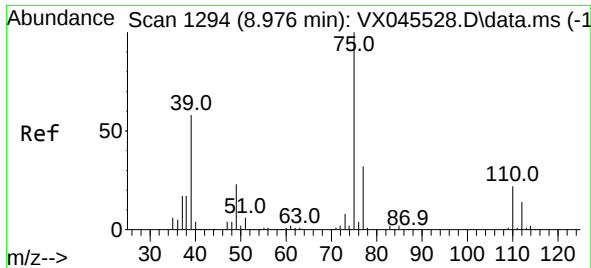
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#52
Toluene
Concen: 19.132 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Tgt Ion: 92 Resp: 50898
Ion Ratio Lower Upper
92 100
91 172.6 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 18.352 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBSD01

Tgt Ion: 75 Resp: 2722

Ion Ratio Lower Upper

75 100

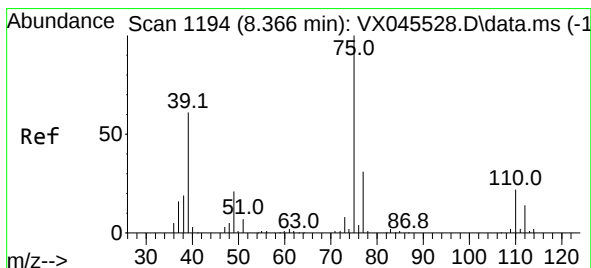
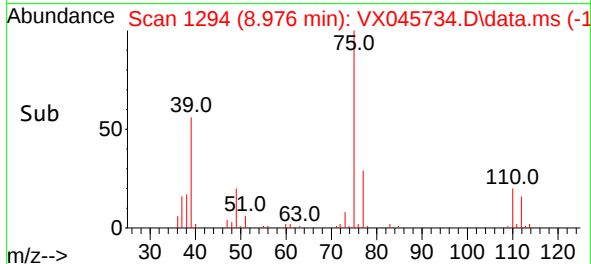
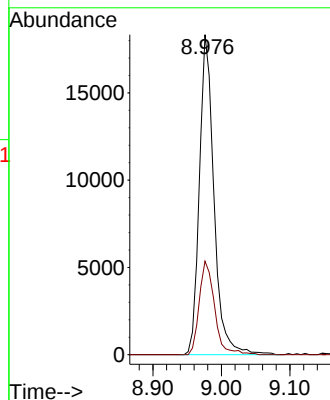
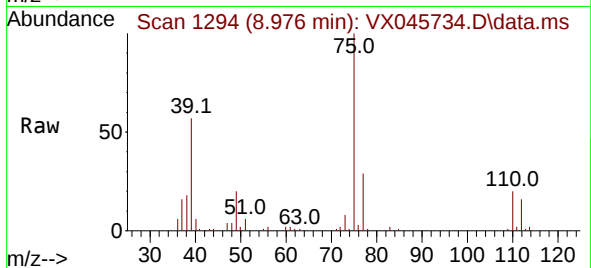
77 29.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#54

cis-1,3-Dichloropropene

Concen: 19.884 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

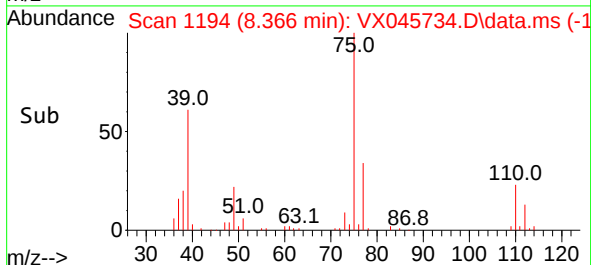
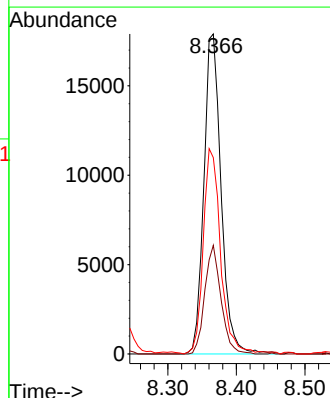
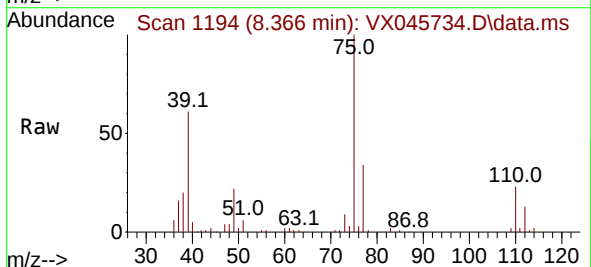
Tgt Ion: 75 Resp: 31424

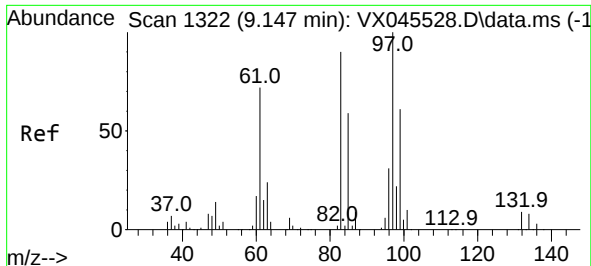
Ion Ratio Lower Upper

75 100

77 34.0 24.6 36.8

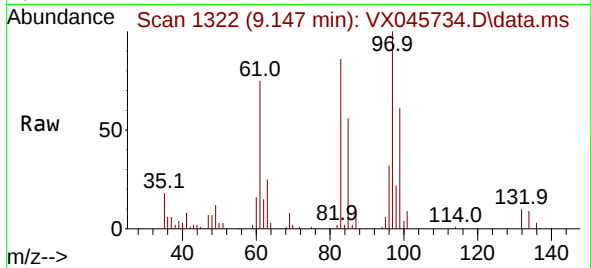
39 61.3 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 19.886 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

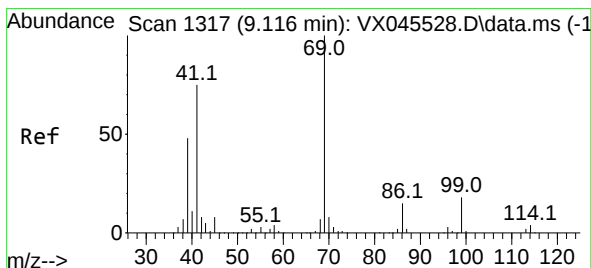
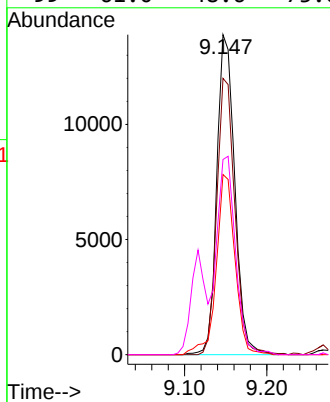
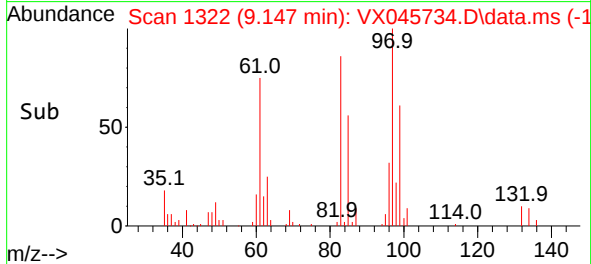
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



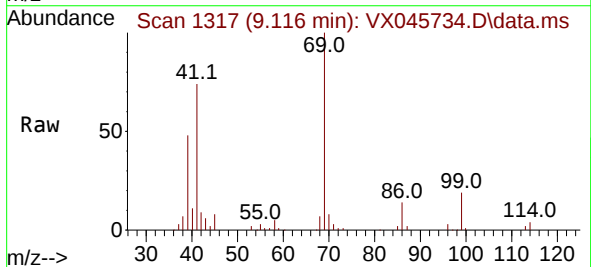
Tgt Ion: 97 Resp: 2108
Ion Ratio Lower Upper
97 100
83 86.3 71.8 107.8
85 56.3 47.0 70.6
99 61.0 48.6 73.0

Manual Integrations
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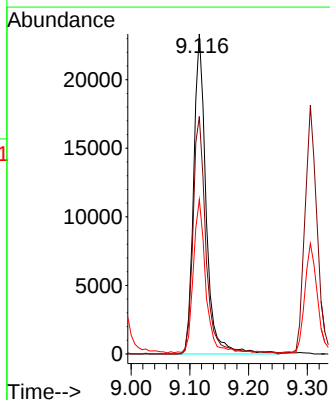
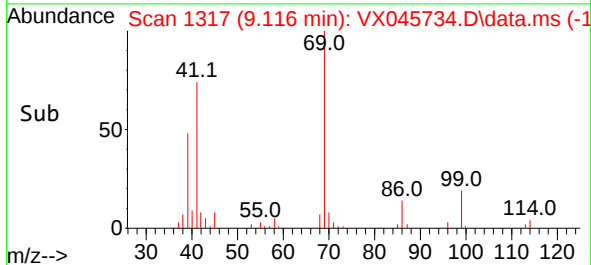
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

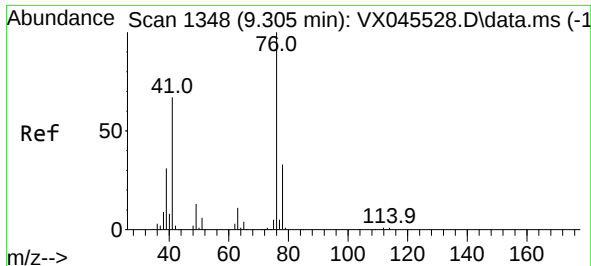


#56
Ethyl methacrylate
Concen: 20.947 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22



Tgt Ion: 69 Resp: 34367
Ion Ratio Lower Upper
69 100
41 77.1 61.3 91.9
39 49.3 40.2 60.2





#57

1,3-Dichloropropane

Concen: 20.758 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBSD01

Tgt Ion: 76 Resp: 38320

Ion Ratio Lower Upper

76 100

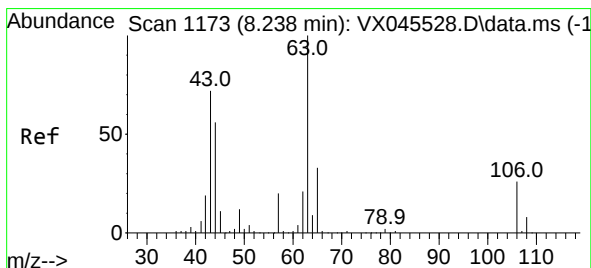
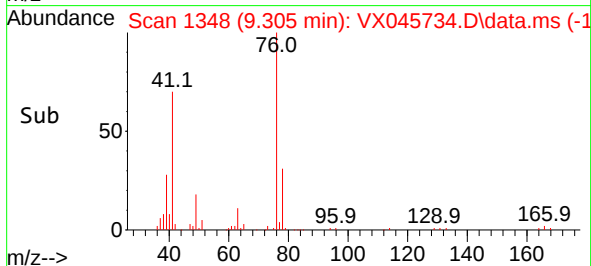
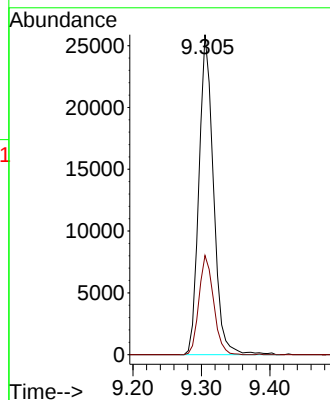
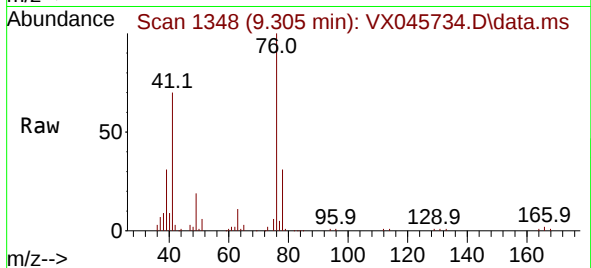
78 31.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 110.832 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045734.D

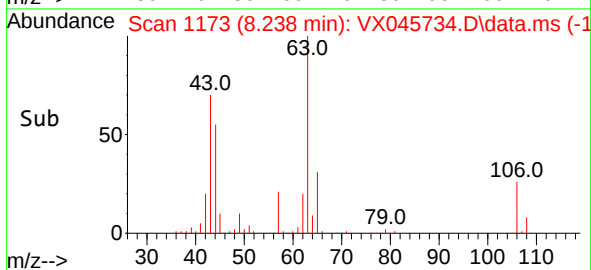
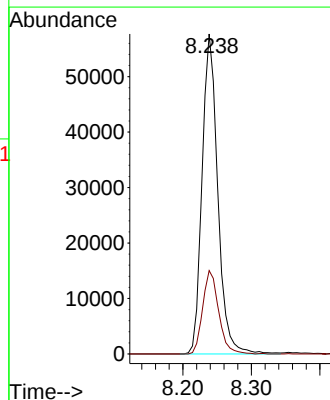
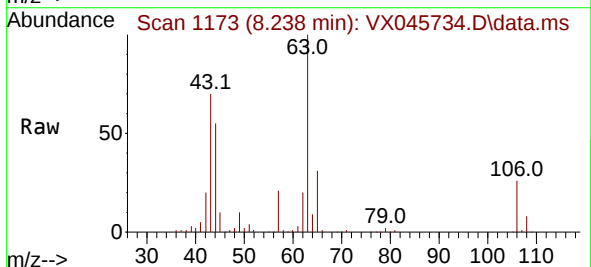
Acq: 11 Apr 2025 12:22

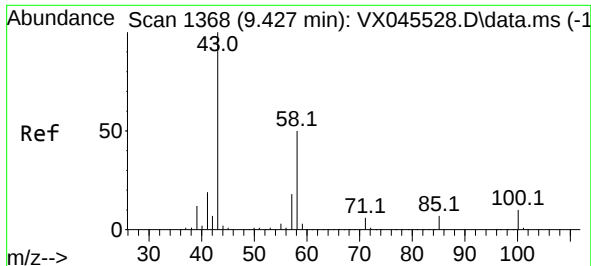
Tgt Ion: 63 Resp: 91986

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.6





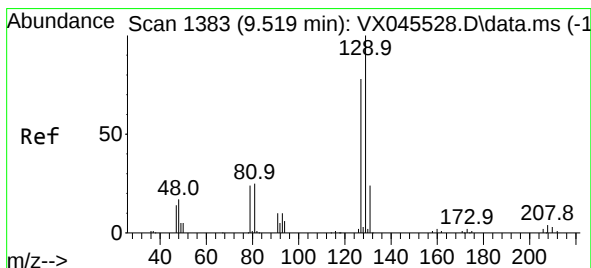
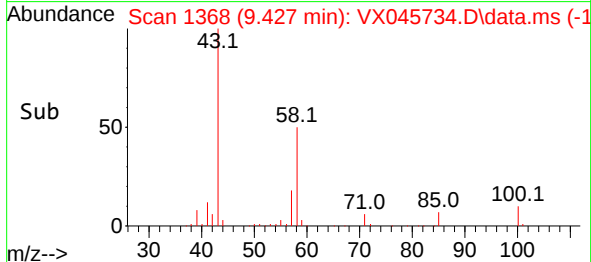
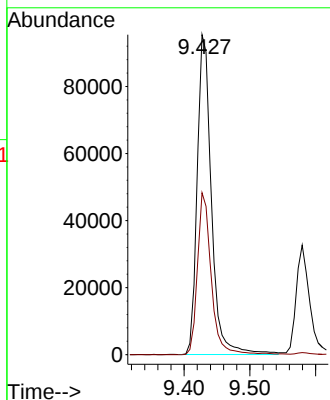
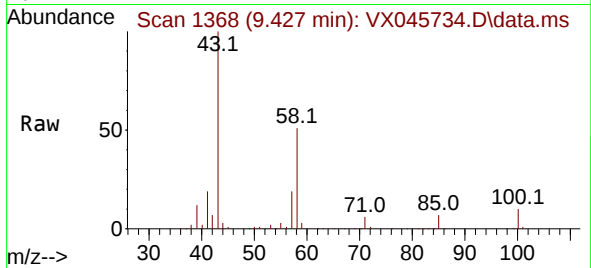
#59
2-Hexanone
Concen: 106.500 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01

Tgt Ion: 43 Resp: 143752
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6

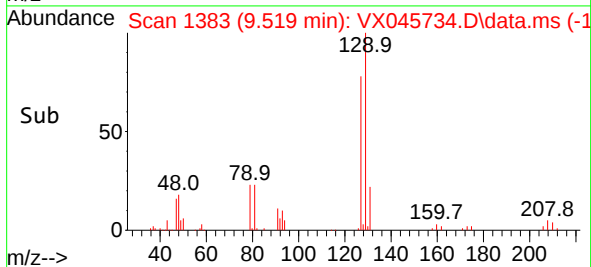
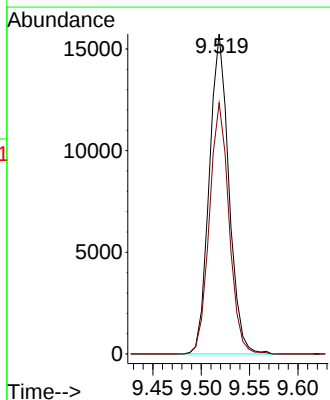
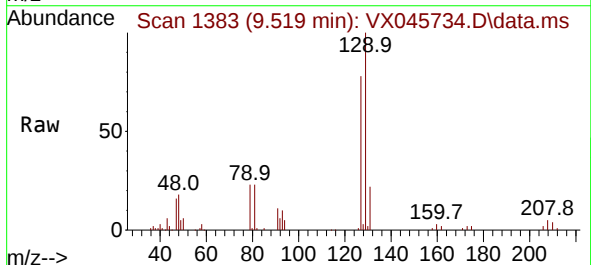
Manual Integrations
APPROVED

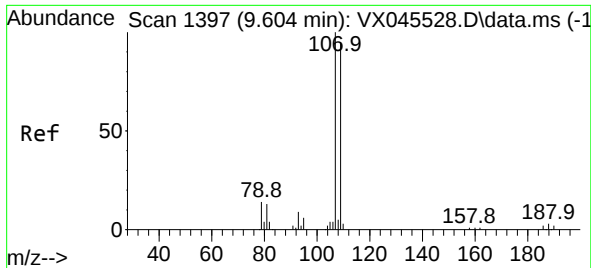
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#60
Dibromochloromethane
Concen: 19.183 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

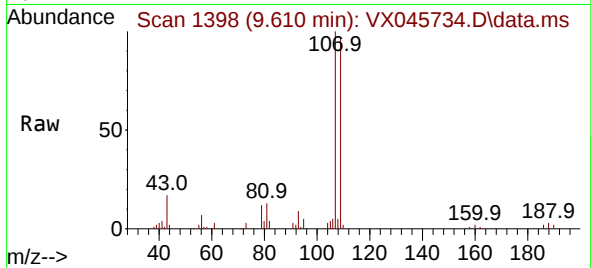
Tgt Ion:129 Resp: 22170
Ion Ratio Lower Upper
129 100
127 78.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 20.071 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

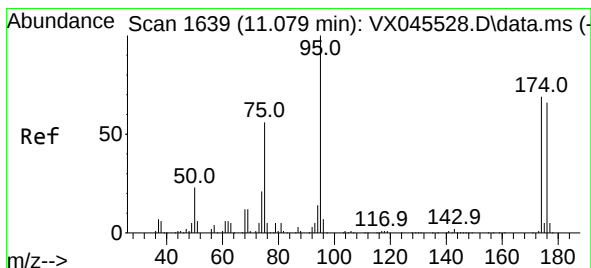
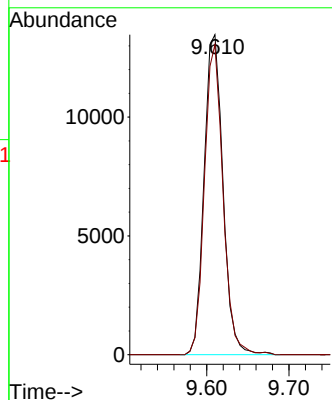
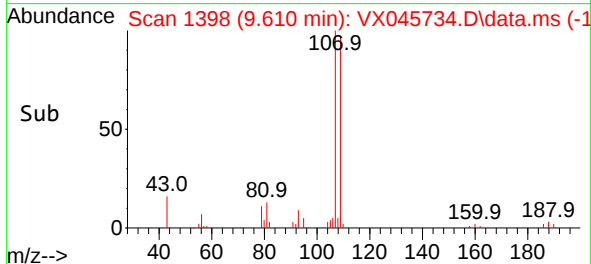
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion:107 Resp: 21539
Ion Ratio Lower Upper
107 100
109 95.1 75.7 113.5

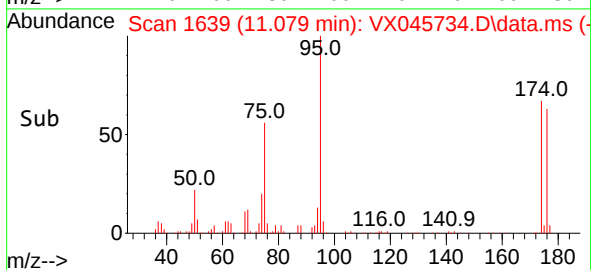
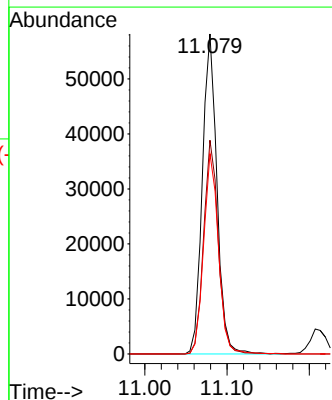
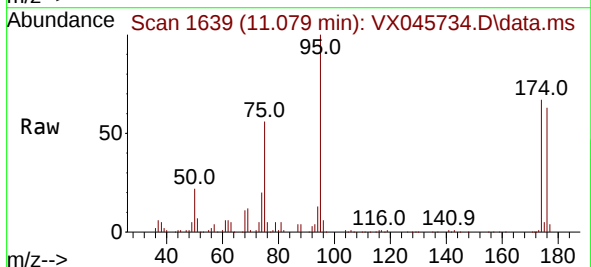
Manual Integrations
APPROVED

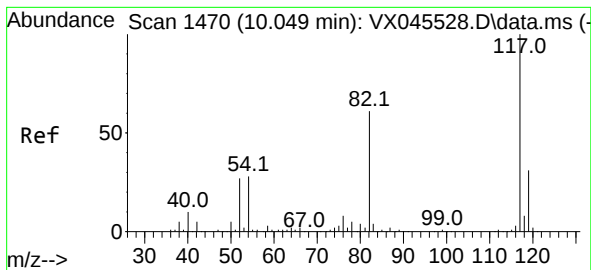
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#62
4-Bromofluorobenzene
Concen: 52.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

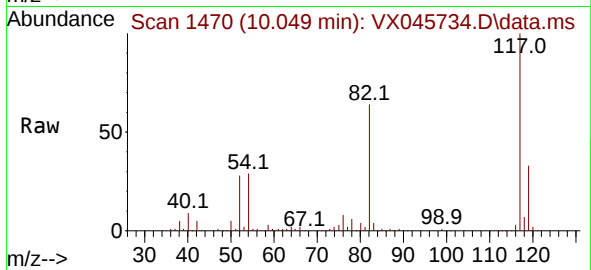
Tgt Ion: 95 Resp: 71699
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 63.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

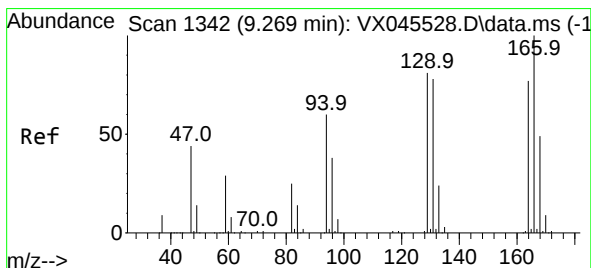
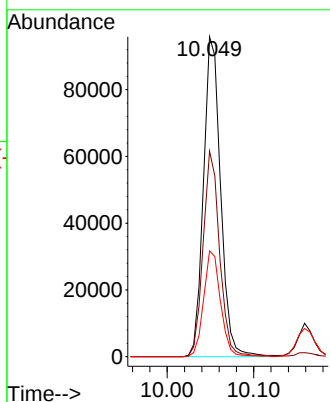
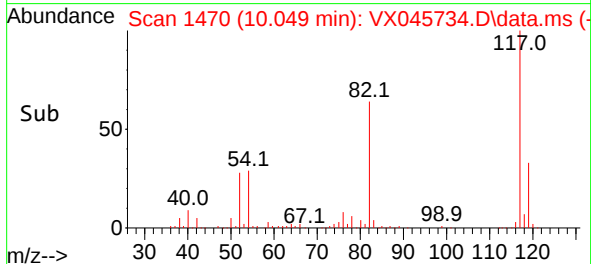
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion:117 Resp: 131860
Ion Ratio Lower Upper
117 100
82 64.3 49.2 73.8
119 33.1 25.1 37.7

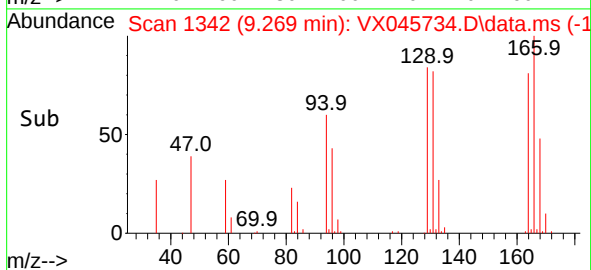
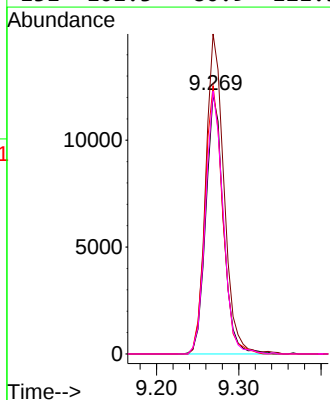
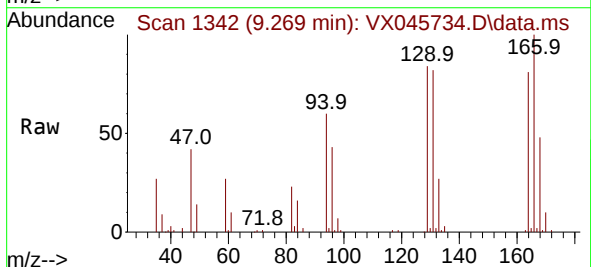
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#64
Tetrachloroethene
Concen: 19.248 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

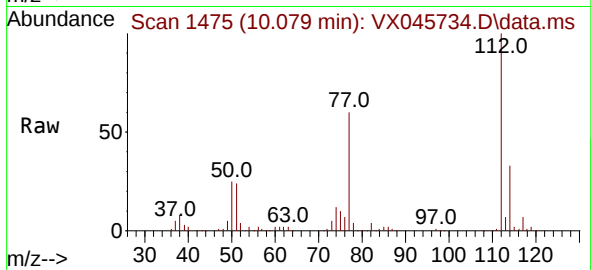
Tgt Ion:164 Resp: 17919
Ion Ratio Lower Upper
164 100
166 123.3 103.8 155.8
129 103.3 84.3 126.5
131 101.3 80.9 121.3





#65
Chlorobenzene
Concen: 19.575 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

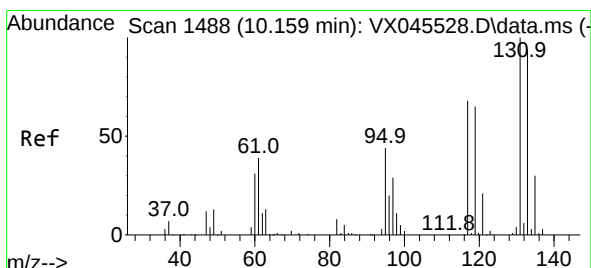
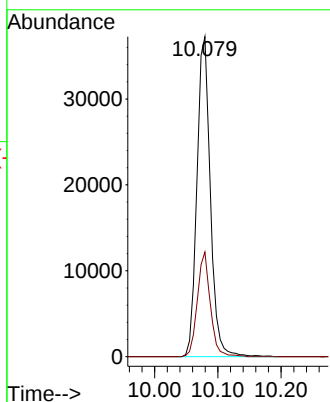
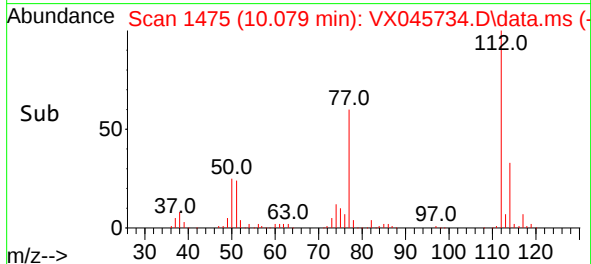
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion:112 Resp: 5515
Ion Ratio Lower Upper
112 100
114 32.7 24.7 37.1

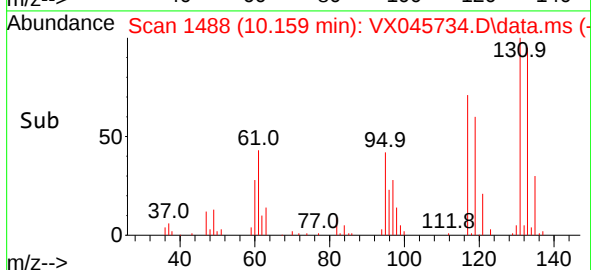
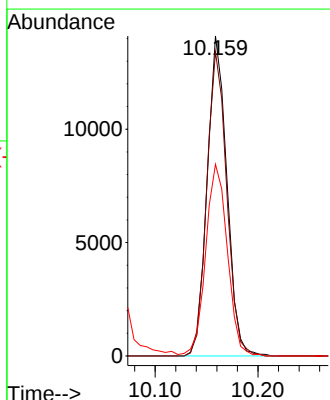
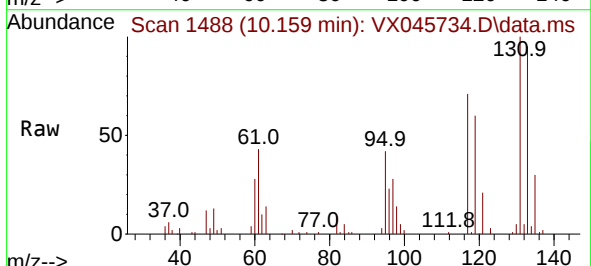
Manual Integrations
APPROVED

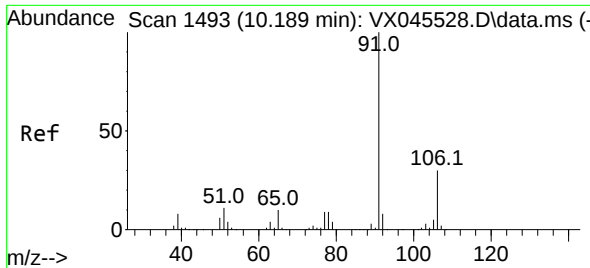
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.192 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Tgt Ion:131 Resp: 18774
Ion Ratio Lower Upper
131 100
133 96.7 47.5 142.5
119 65.7 32.9 98.6





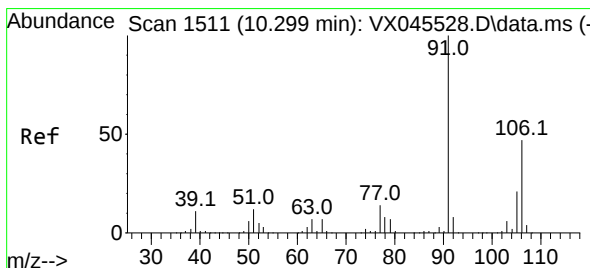
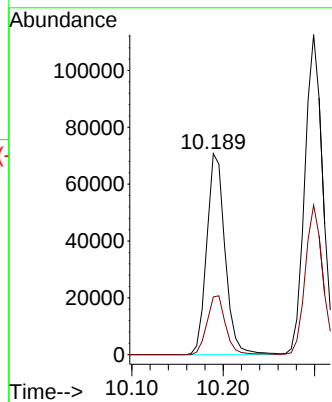
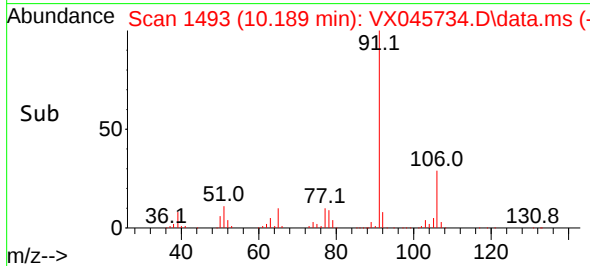
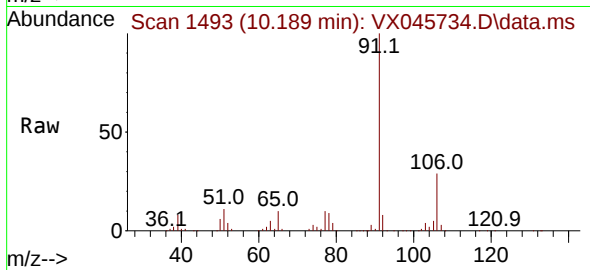
#67
Ethyl Benzene
Concen: 19.506 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01

Tgt Ion: 91 Resp: 9843
Ion Ratio Lower Upper
91 100
106 28.7 23.7 35.5

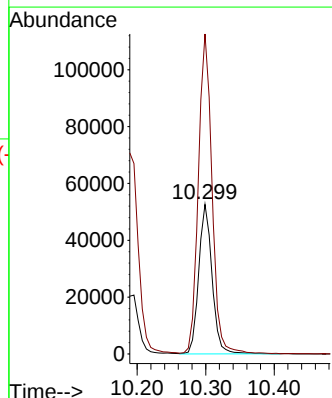
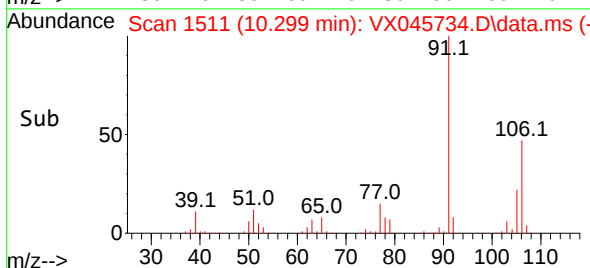
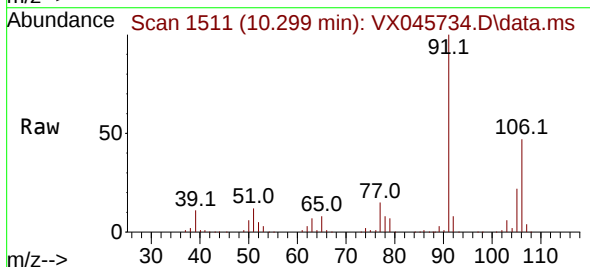
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#68
m/p-Xylenes
Concen: 38.936 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Tgt Ion:106 Resp: 71463
Ion Ratio Lower Upper
106 100
91 218.7 172.6 258.8





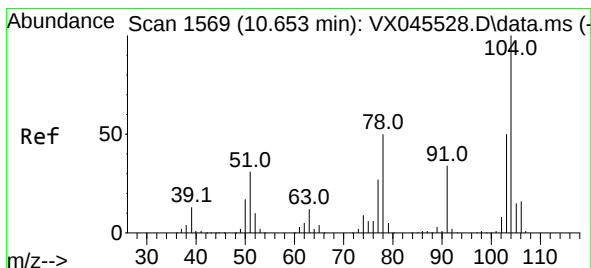
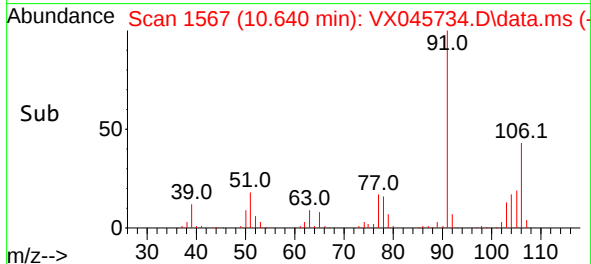
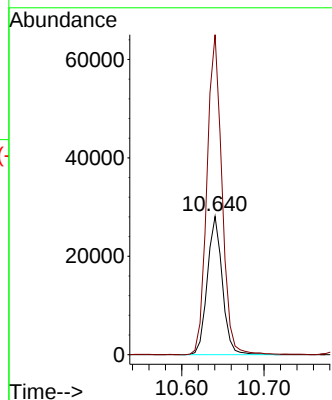
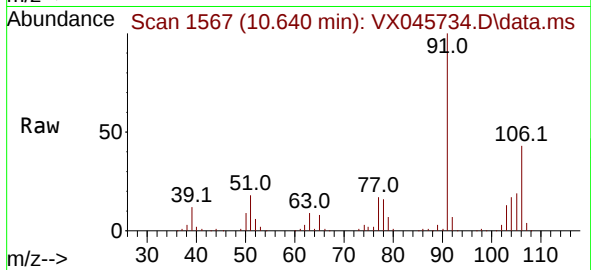
#69
o-Xylene
Concen: 19.746 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01

Tgt Ion:106 Resp: 35702
Ion Ratio Lower Upper
106 100
91 231.1 113.6 340.6

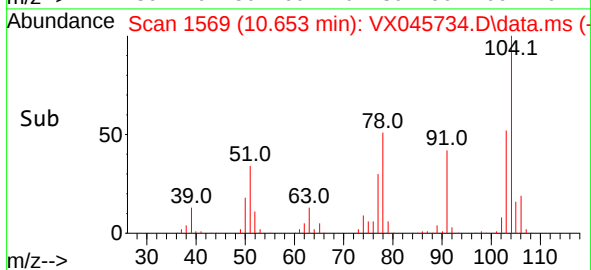
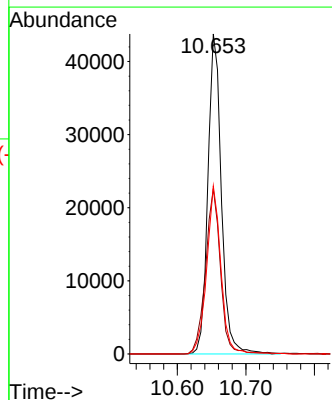
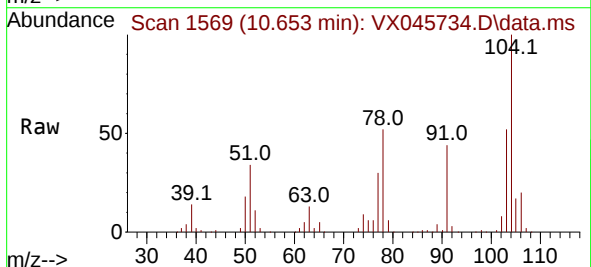
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#70
Styrene
Concen: 20.128 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Tgt Ion:104 Resp: 60067
Ion Ratio Lower Upper
104 100
78 56.8 45.4 68.2
103 55.6 43.8 65.8





#71

Bromoform

Concen: 18.847 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBSD01

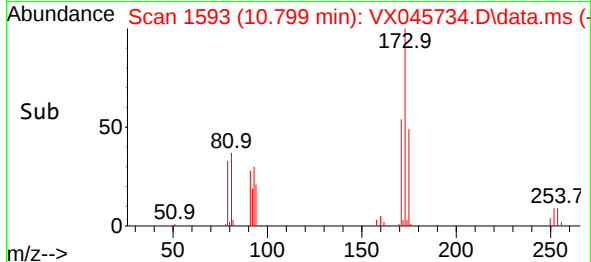
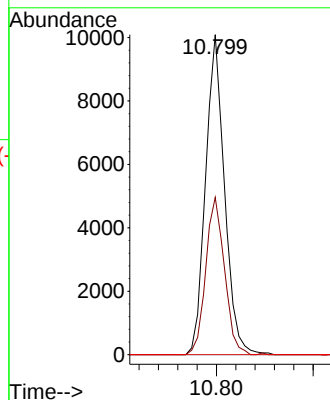
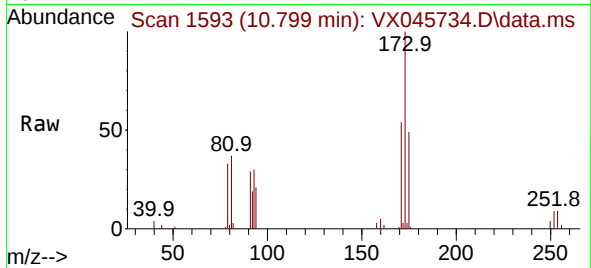
Tgt Ion:173	Resp:	13760
Ion Ratio	Lower	Upper
173	100	
175	48.6	23.4 70.2
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

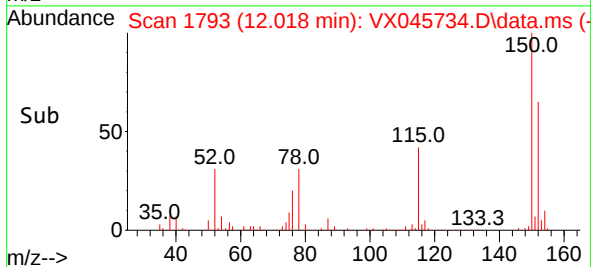
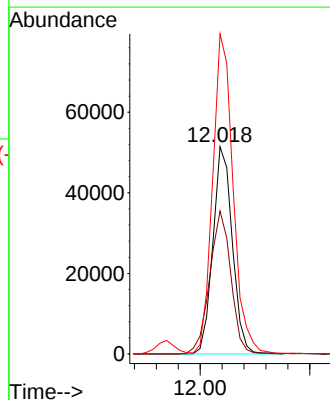
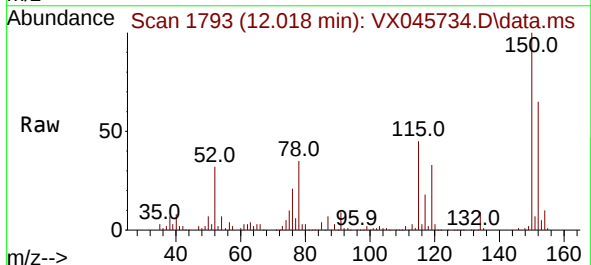
RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

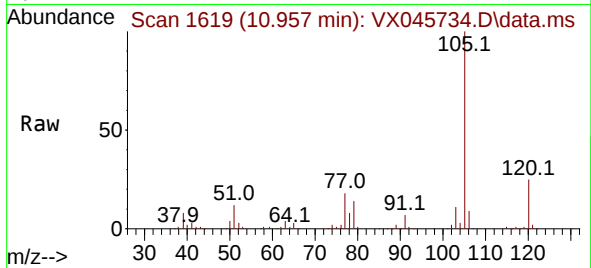
Tgt Ion:152	Resp:	63206
Ion Ratio	Lower	Upper
152	100	
115	75.4	46.9 140.7
150	162.4	0.0 349.4





#73
Isopropylbenzene
Concen: 18.828 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

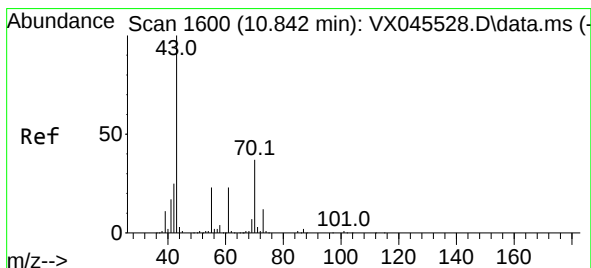
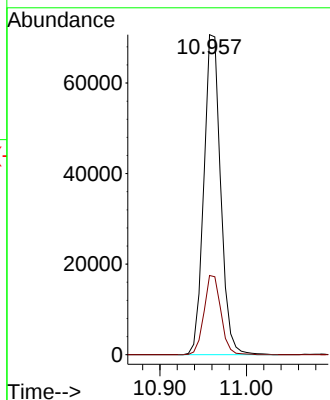
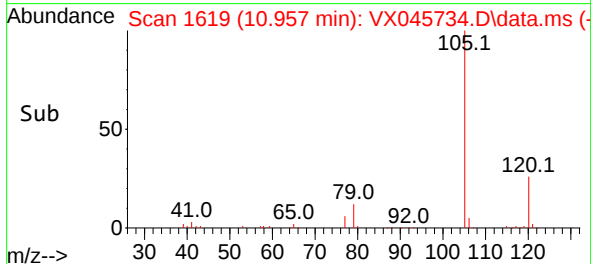
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion:105 Resp: 95329
Ion Ratio Lower Upper
105 100
120 24.8 12.7 38.0

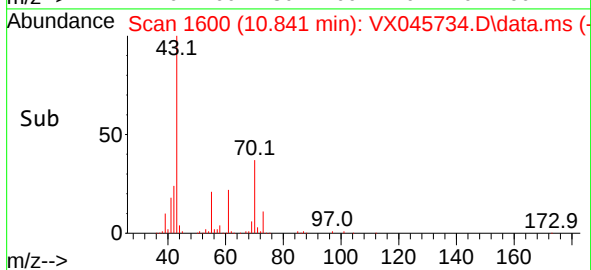
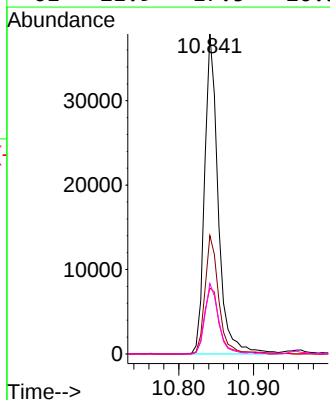
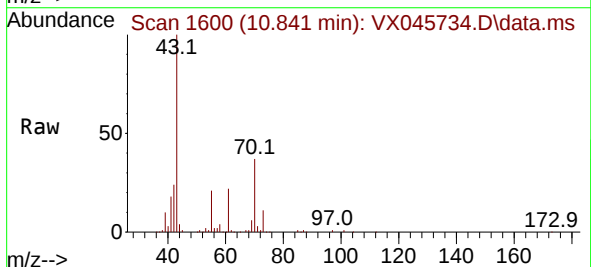
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#74
N-ethyl acetate
Concen: 19.782 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

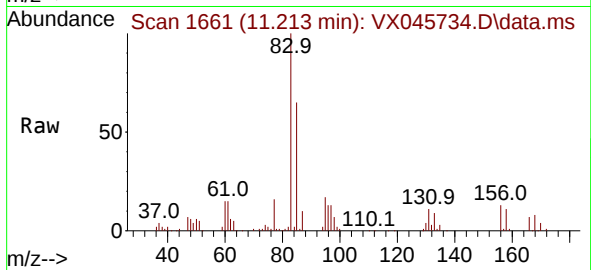
Tgt Ion: 43 Resp: 47908
Ion Ratio Lower Upper
43 100
70 37.6 30.1 45.1
55 22.9 18.3 27.5
61 21.9 17.5 26.3





#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.101 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VX045734.D
 Acq: 11 Apr 2025 12:22

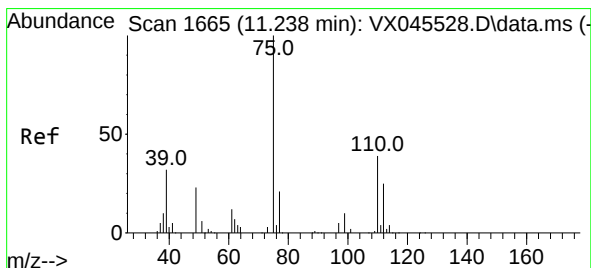
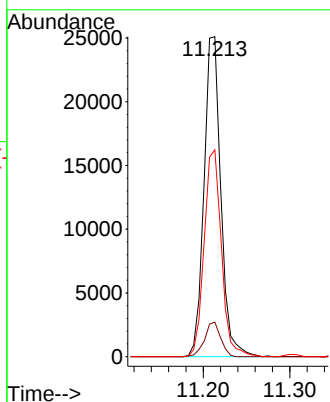
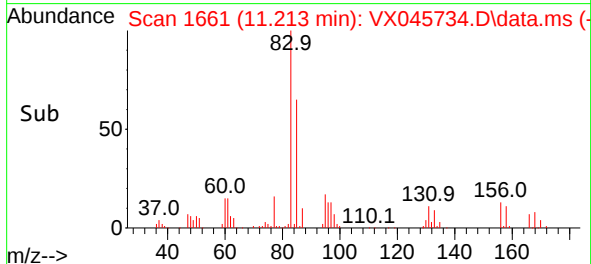
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBSD01



Tgt Ion: 83 Resp: 3397
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.7 14.1
 85 66.1 32.4 97.2

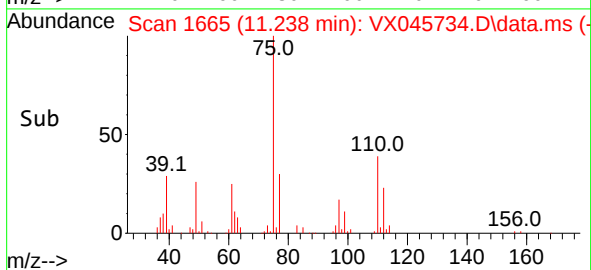
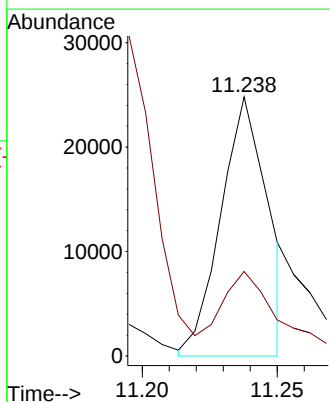
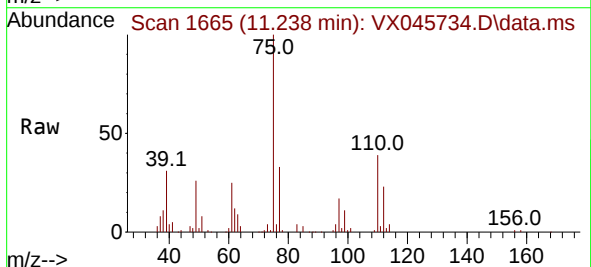
Manual Integrations
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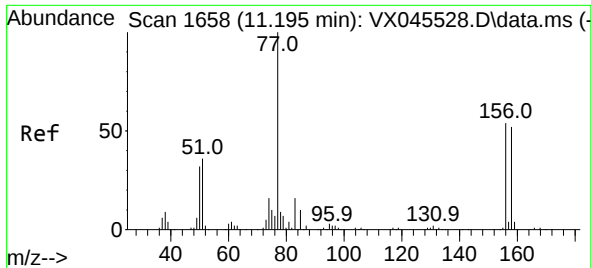
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#76
 1,2,3-Trichloropropane
 Concen: 19.422 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045734.D
 Acq: 11 Apr 2025 12:22

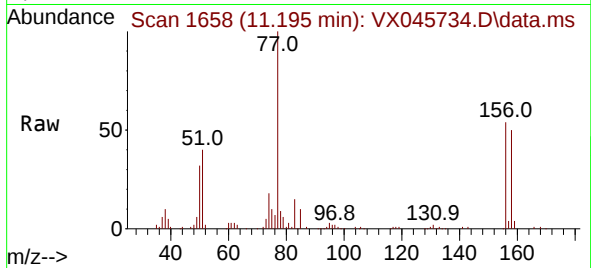
Tgt Ion: 75 Resp: 29944
 Ion Ratio Lower Upper
 75 100
 77 41.1 20.0 59.9





#77
Bromobenzene
Concen: 18.496 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

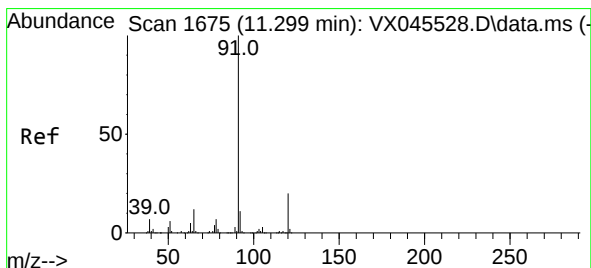
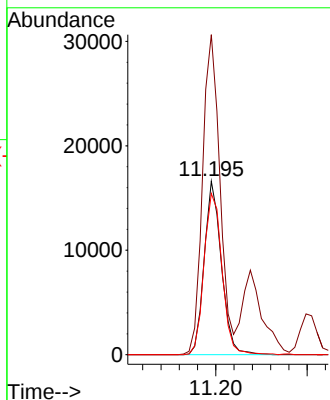
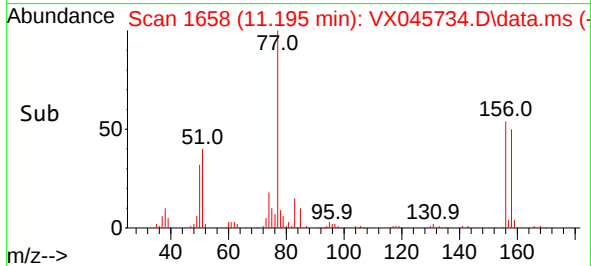
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



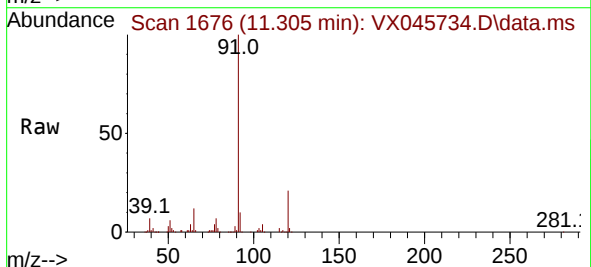
Tgt Ion:156 Resp: 21630
Ion Ratio Lower Upper
156 100
77 186.6 92.6 277.8
158 97.6 48.1 144.4

Manual Integrations
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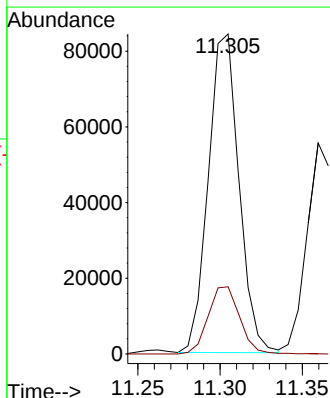
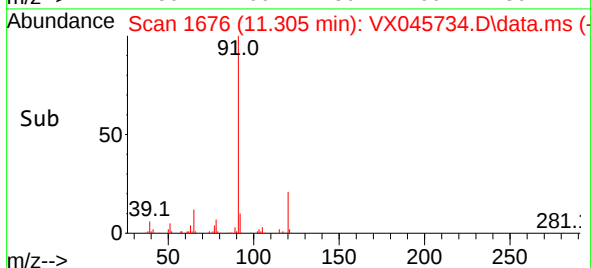
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#78
n-propylbenzene
Concen: 18.729 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22



Tgt Ion: 91 Resp: 109219
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.3





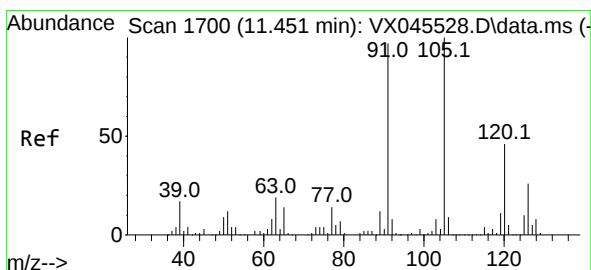
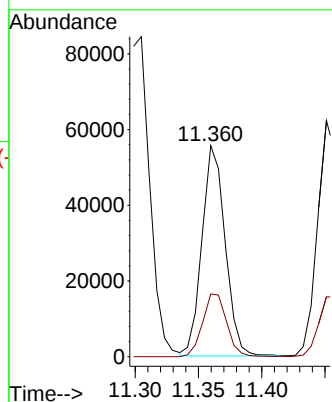
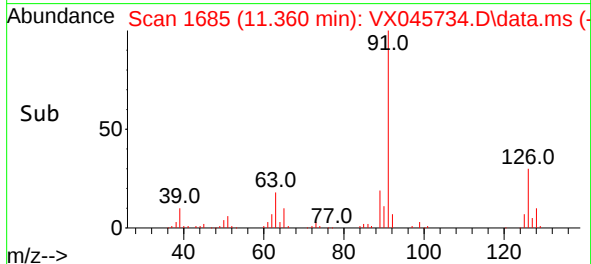
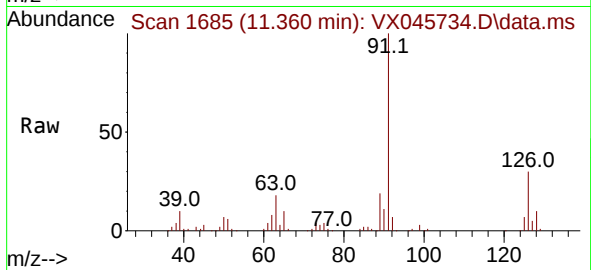
#79
2-Chlorotoluene
Concen: 19.042 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01

Tgt Ion: 91 Resp: 70992
Ion Ratio Lower Upper
91 100
126 31.0 15.8 47.4

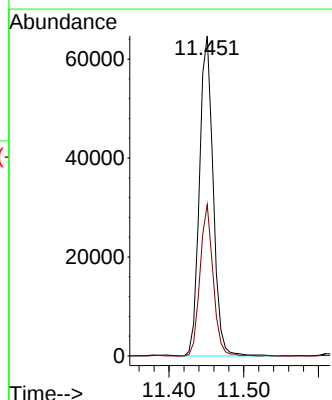
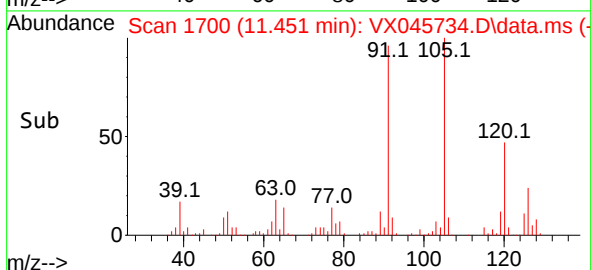
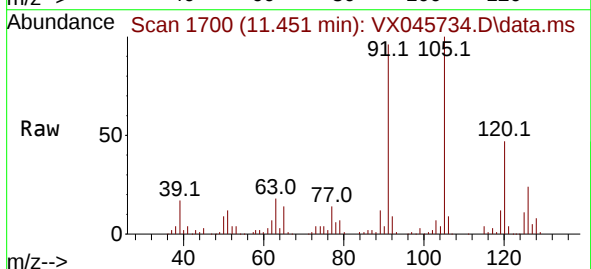
Manual Integrations
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Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.685 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

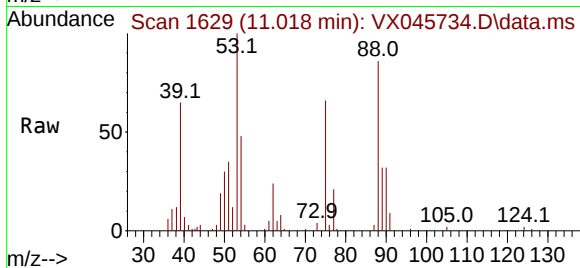
Tgt Ion:105 Resp: 82413
Ion Ratio Lower Upper
105 100
120 45.2 23.0 69.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 16.968 ug/l
 RT: 11.018 min Scan# 1629
 Delta R.T. -0.000 min
 Lab File: VX045734.D
 Acq: 11 Apr 2025 12:22

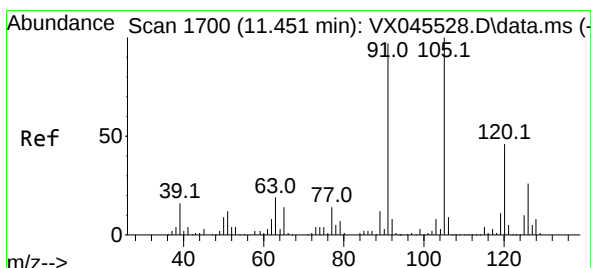
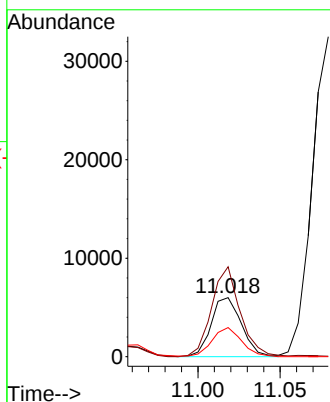
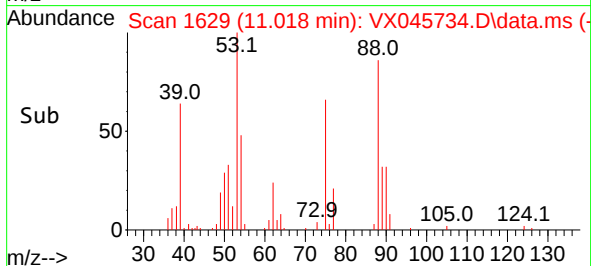
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBSD01



Tgt Ion: 75 Resp: 7708
 Ion Ratio Lower Upper
 75 100
 53 143.2 101.8 152.6
 89 48.2 37.2 55.8

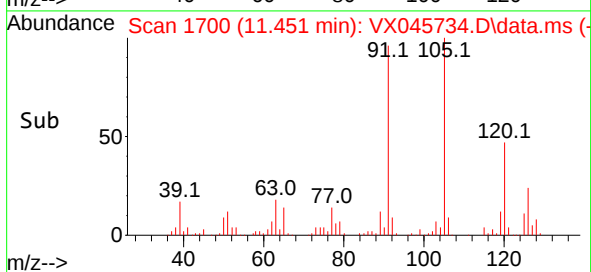
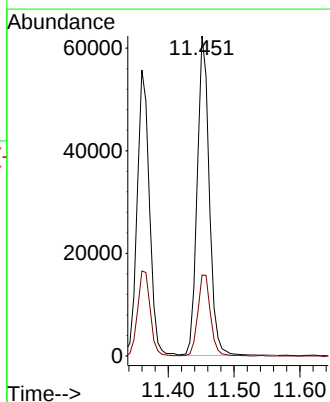
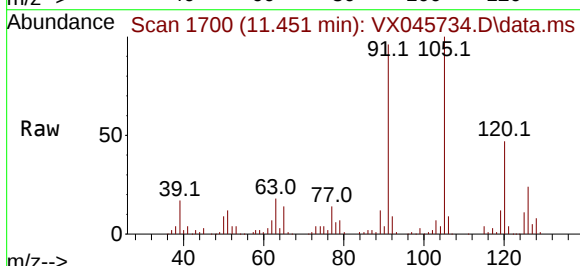
Manual Integrations
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Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#82
 4-Chlorotoluene
 Concen: 19.041 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX045734.D
 Acq: 11 Apr 2025 12:22

Tgt Ion: 91 Resp: 79146
 Ion Ratio Lower Upper
 91 100
 126 26.8 13.3 39.9





#83

tert-Butylbenzene

Concen: 19.544 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBSD01

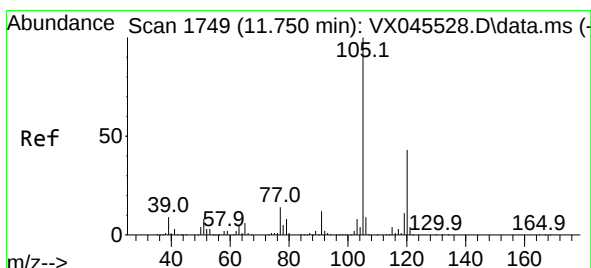
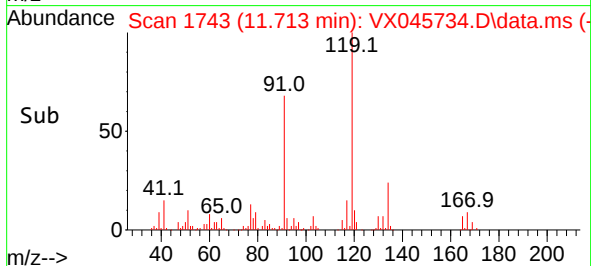
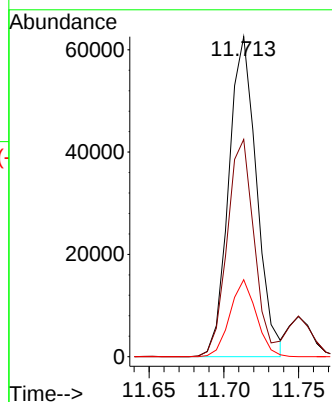
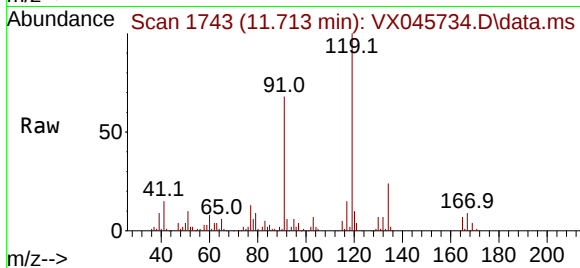
Tgt Ion:	119	Resp:	81000
Ion Ratio	Lower	Upper	
119	100		
91	66.7	32.4	97.2
134	22.8	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.427 ug/l

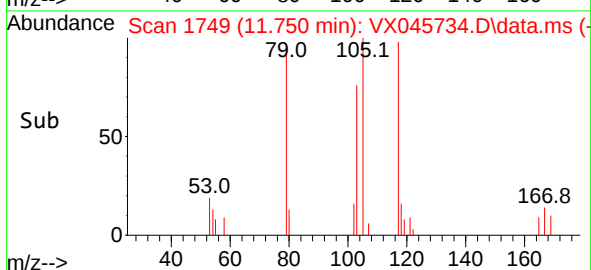
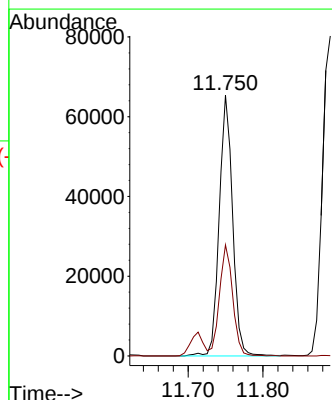
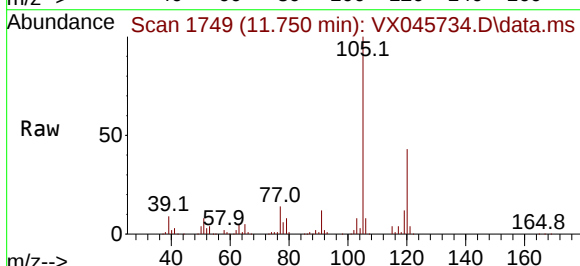
RT: 11.750 min Scan# 1749

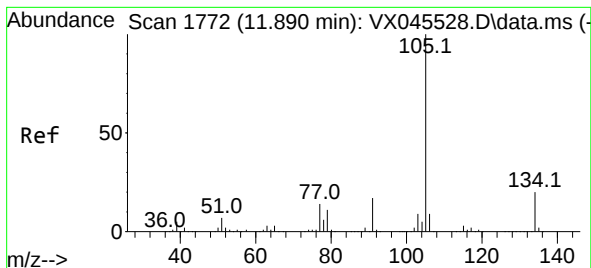
Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

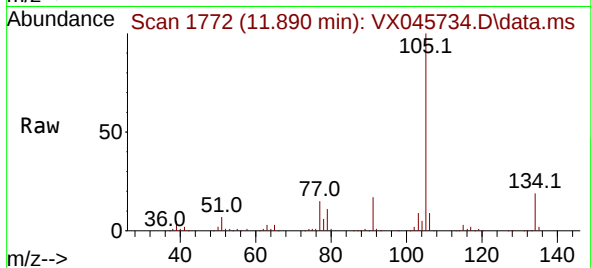
Tgt Ion:	105	Resp:	81630
Ion Ratio	Lower	Upper	
105	100		
120	42.2	21.4	64.3





#85
 sec-Butylbenzene
 Concen: 19.646 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045734.D
 Acq: 11 Apr 2025 12:22

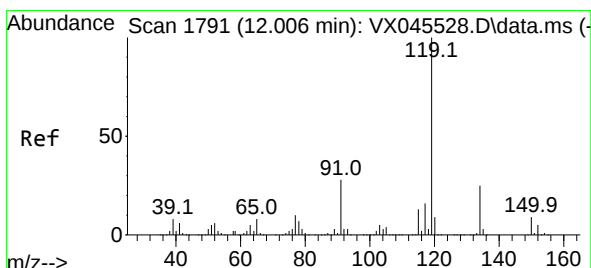
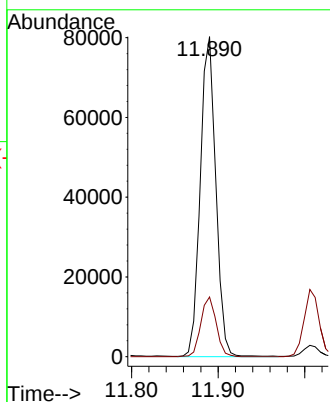
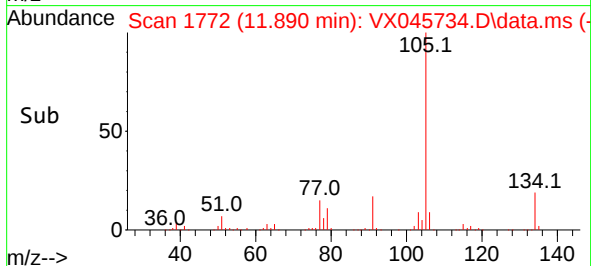
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBSD01



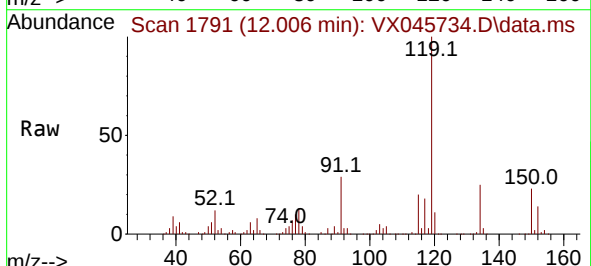
Tgt Ion:105 Resp: 100015
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.6 28.6

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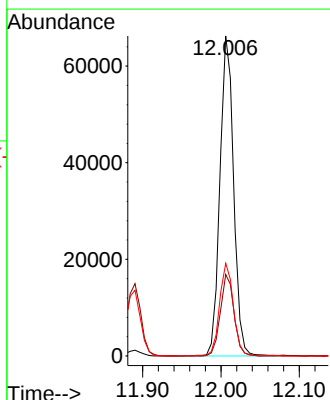
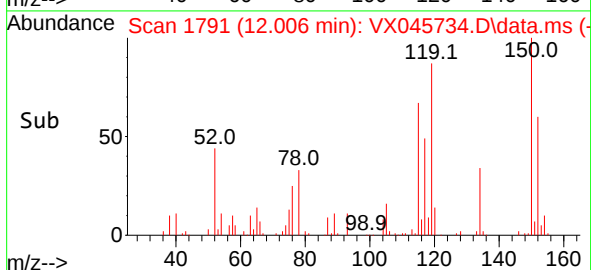
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#86
 p-Isopropyltoluene
 Concen: 19.230 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045734.D
 Acq: 11 Apr 2025 12:22



Tgt Ion:119 Resp: 80710
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 29.1 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 18.700 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBSD01

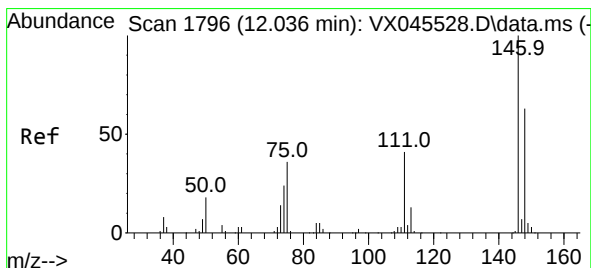
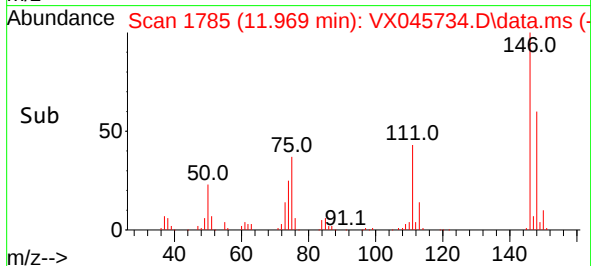
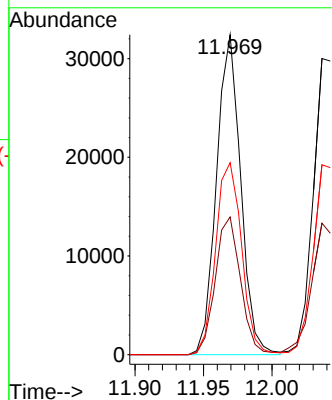
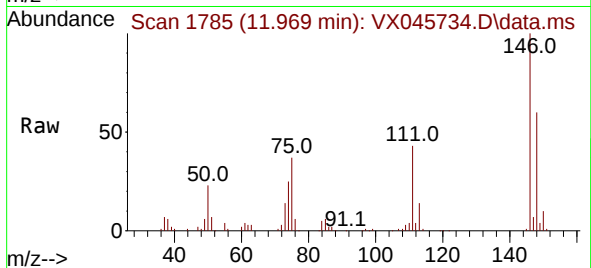
Tgt Ion:146 Resp: 39819
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.2 66.6
 148 64.5 31.9 95.7

Manual Integrations

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Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#88

1,4-Dichlorobenzene

Concen: 18.625 ug/l

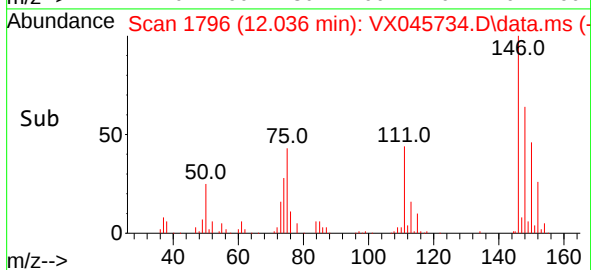
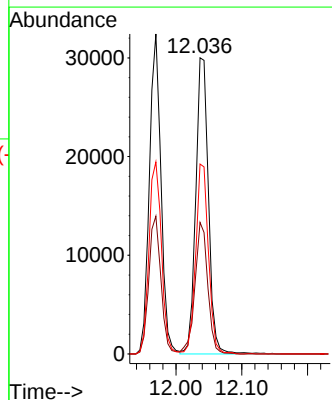
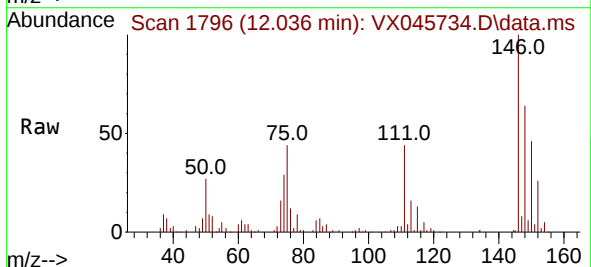
RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

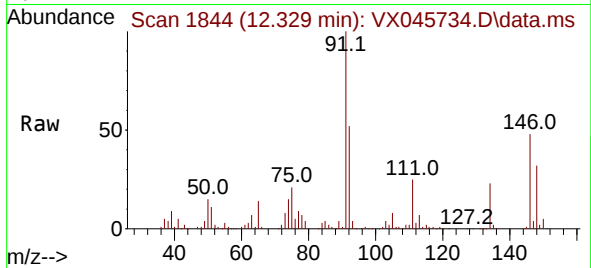
Tgt Ion:146 Resp: 40207
 Ion Ratio Lower Upper
 146 100
 111 44.9 20.9 62.8
 148 64.5 31.5 94.5





#89
n-Butylbenzene
Concen: 19.237 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

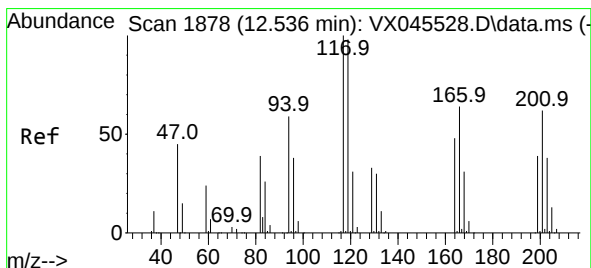
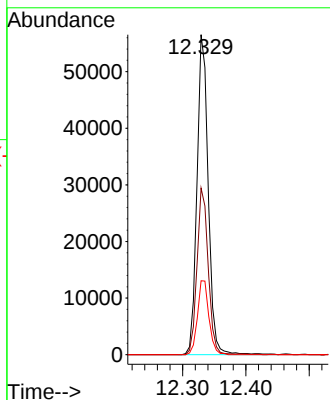
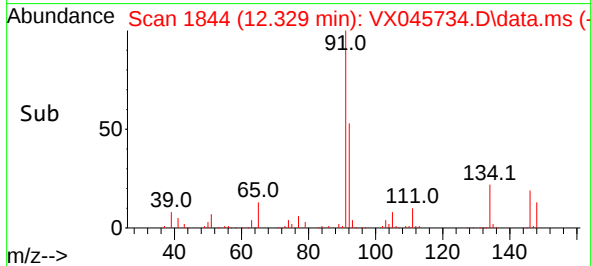
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion: 91 Resp: 7001
Ion Ratio Lower Upper
91 100
92 51.7 26.9 80.6
134 23.5 11.9 35.7

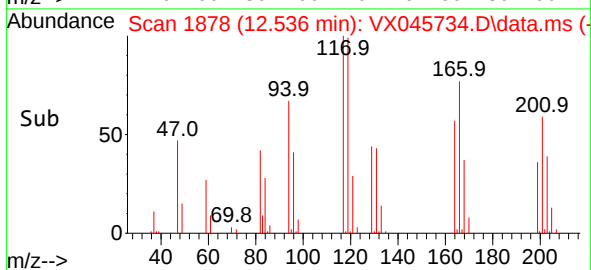
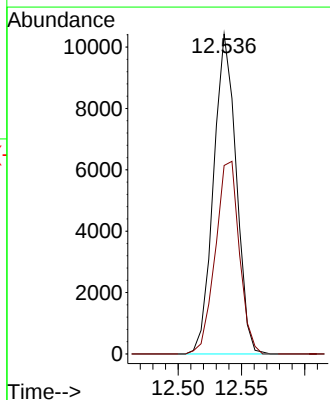
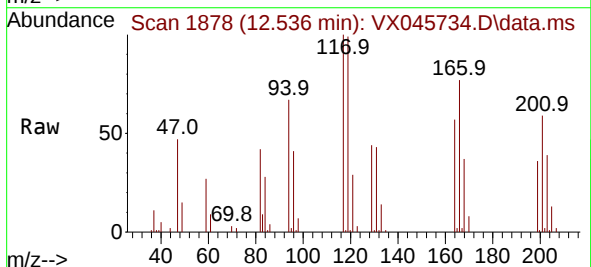
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#90
Hexachloroethane
Concen: 17.984 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

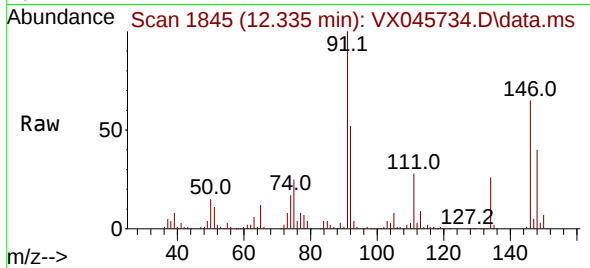
Tgt Ion:117 Resp: 12972
Ion Ratio Lower Upper
117 100
201 63.7 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 19.448 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

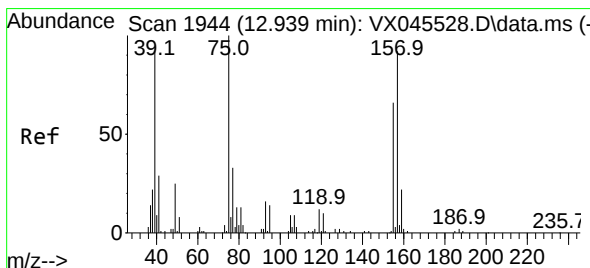
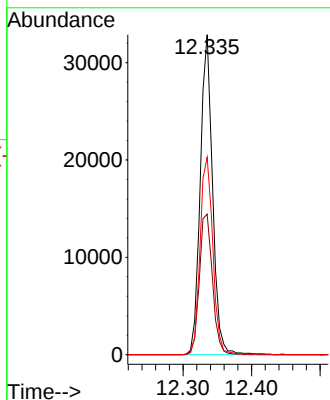
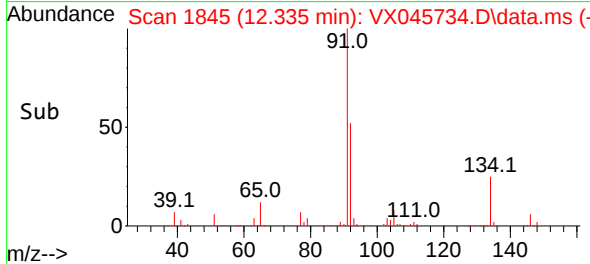
Instrument :
MSVOA_X
ClientSampleId :
VX0411WBSD01



Tgt Ion:146 Resp: 41172
Ion Ratio Lower Upper
146 100
111 46.6 22.9 68.8
148 63.7 31.9 95.5

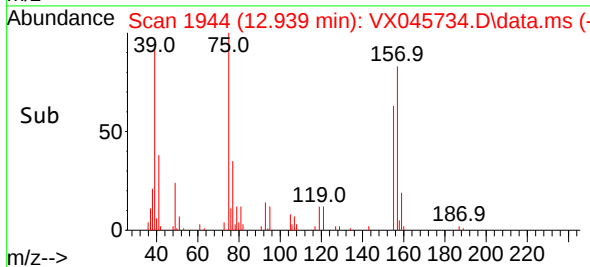
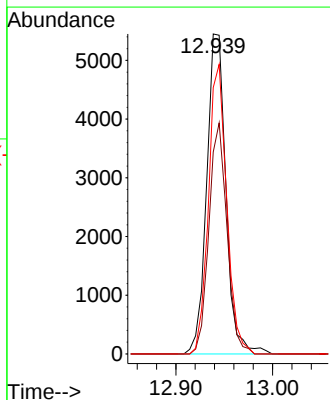
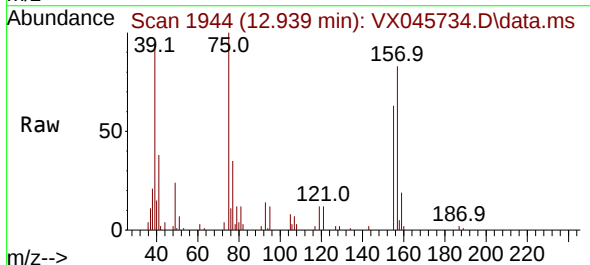
Manual Integrations
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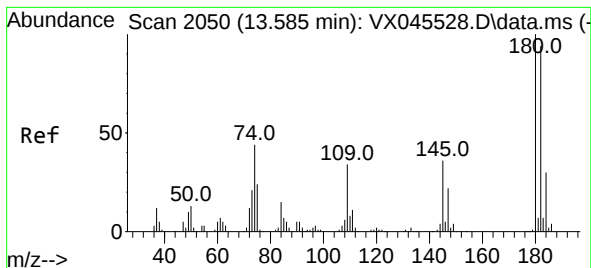
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.323 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045734.D
Acq: 11 Apr 2025 12:22

Tgt Ion: 75 Resp: 7559
Ion Ratio Lower Upper
75 100
155 67.8 34.9 104.7
157 85.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.650 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBSD01

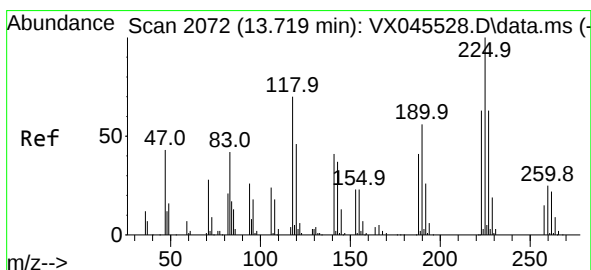
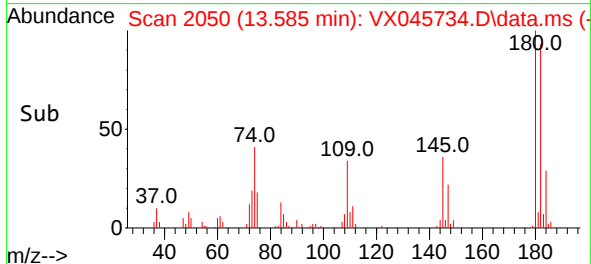
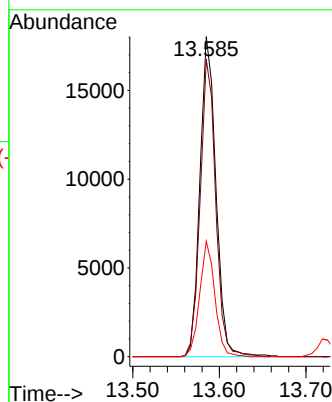
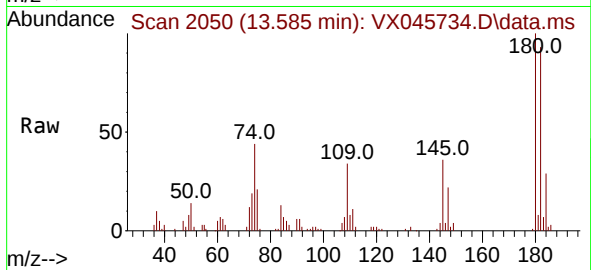
Tgt Ion:	180	Resp:	23150
Ion Ratio	Lower	Upper	
180	100		
182	90.1	47.9	143.6
145	34.2	17.9	53.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#94

Hexachlorobutadiene

Concen: 19.053 ug/l

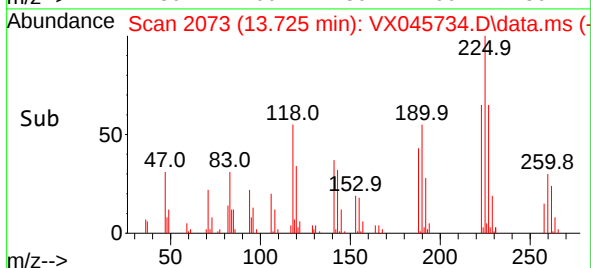
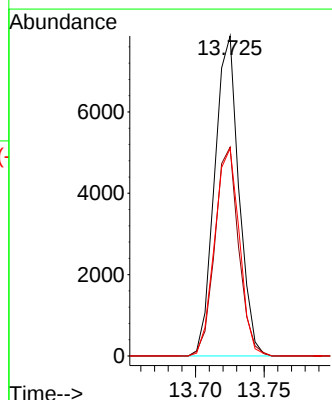
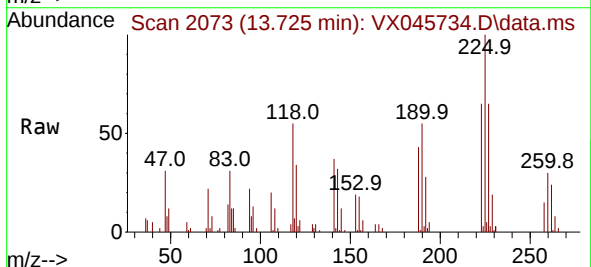
RT: 13.725 min Scan# 2073

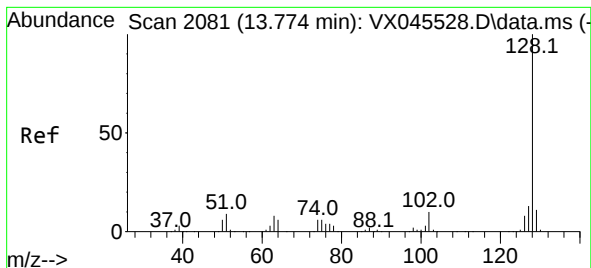
Delta R.T. 0.006 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Tgt Ion:	225	Resp:	9675
Ion Ratio	Lower	Upper	
225	100		
223	64.2	31.1	93.3
227	66.1	32.2	96.6





#95

Naphthalene

Concen: 19.903 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0411WBSD01

Tgt Ion:128 Resp: 87280

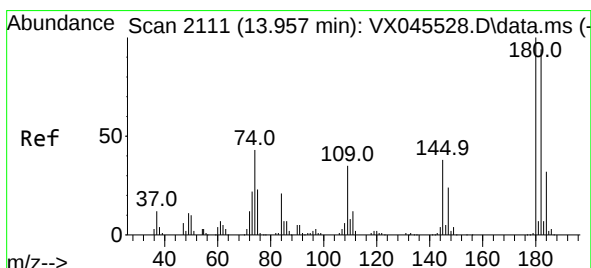
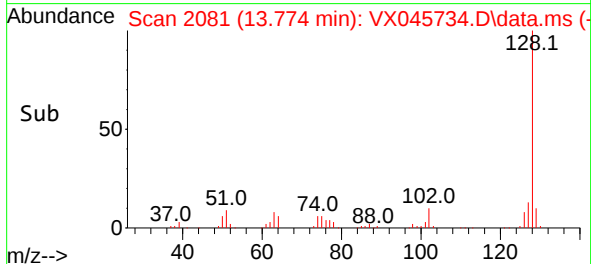
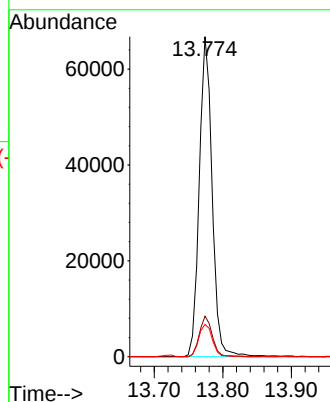
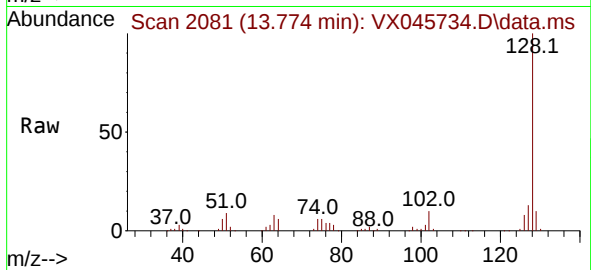
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.280 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX045734.D

Acq: 11 Apr 2025 12:22

Tgt Ion:180 Resp: 23791

Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.3	141.8
145	36.8	18.2	54.6

