

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045745.D
 Acq On : 11 Apr 2025 16:37
 Operator : JC/MD
 Sample : VX0411MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 11 23:06:17 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	5.550	168	82983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150995	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81524	53.721	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.440%			
35) Dibromofluoromethane	5.379	113	54631	50.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.980%			
50) Toluene-d8	8.647	98	185924	49.722	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.440%			
62) 4-Bromofluorobenzene	11.079	95	69012	50.668	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25486	20.536	ug/l	98
3) Chloromethane	1.301	50	24280	19.044	ug/l	99
4) Vinyl Chloride	1.374	62	22387	19.187	ug/l	99
5) Bromomethane	1.593	94	9914	17.920	ug/l	96
6) Chloroethane	1.666	64	12450	20.112	ug/l	98
7) Trichlorofluoromethane	1.867	101	36676	21.080	ug/l	99
8) Diethyl Ether	2.136	74	11493	19.675	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	21543	21.130	ug/l	97
10) Methyl Iodide	2.441	142	24290	19.101	ug/l	100
11) Tert butyl alcohol	2.983	59	19416	95.202	ug/l	98
12) 1,1-Dichloroethene	2.306	96	19535	19.609	ug/l	96
13) Acrolein	2.233	56	25989	92.538	ug/l	96
14) Allyl chloride	2.660	41	37116	19.636	ug/l	97
15) Acrylonitrile	3.062	53	64443	100.101	ug/l	98
16) Acetone	2.386	43	62376	100.099	ug/l	100
17) Carbon Disulfide	2.502	76	39020	15.859	ug/l	99
18) Methyl Acetate	2.703	43	33786	23.549	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	71560	20.534	ug/l	99
20) Methylene Chloride	2.782	84	23330	19.998	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	19465	19.125	ug/l	98
22) Diisopropyl ether	3.757	45	76587	20.569	ug/l #	85
23) Vinyl Acetate	3.721	43	316648	98.430	ug/l	99
24) 1,1-Dichloroethane	3.599	63	42582	20.222	ug/l	97
25) 2-Butanone	4.562	43	92336	101.228	ug/l	99
26) 2,2-Dichloropropane	4.471	77	26928	19.793	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	24776	19.981	ug/l	98
28) Bromochloromethane	4.897	49	21317	20.949	ug/l	100
29) Tetrahydrofuran	5.007	42	57942	97.977	ug/l	100
30) Chloroform	5.086	83	45748	21.114	ug/l	95
31) Cyclohexane	5.458	56	35909	19.290	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	37744	20.587	ug/l	99
36) 1,1-Dichloropropene	5.684	75	28784	19.899	ug/l	99
37) Ethyl Acetate	4.715	43	36524	20.037	ug/l	99
38) Carbon Tetrachloride	5.672	117	31336	20.045	ug/l	98
39) Methylcyclohexane	7.373	83	34155	19.263	ug/l	97
40) Benzene	6.031	78	86011	19.470	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19006	19.761	ug/l	96
42) 1,2-Dichloroethane	6.086	62	38688	21.203	ug/l	100
43) Isopropyl Acetate	6.342	43	52495	19.001	ug/l	100
44) Trichloroethene	7.123	130	20495	19.519	ug/l	96
45) 1,2-Dichloropropane	7.427	63	21546	19.547	ug/l	98
46) Dibromomethane	7.580	93	17229	20.362	ug/l	99
47) Bromodichloromethane	7.818	83	33271	19.689	ug/l	95
48) Methyl methacrylate	7.690	41	28307	19.844	ug/l	99
49) 1,4-Dioxane	7.665	88	10916	422.955	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	189680	103.565	ug/l	99
52) Toluene	8.714	92	53248	19.919	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	26075	17.601	ug/l	94
54) cis-1,3-Dichloropropene	8.360	75	31093	19.581	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	22064	20.713	ug/l	99
56) Ethyl methacrylate	9.116	69	32671	19.818	ug/l	97
57) 1,3-Dichloropropane	9.305	76	37797	20.376	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	81111	97.261	ug/l	100
59) 2-Hexanone	9.433	43	138439	102.073	ug/l	99
60) Dibromochloromethane	9.519	129	22819	19.650	ug/l	98
61) 1,2-Dibromoethane	9.604	107	21377	19.824	ug/l	98
64) Tetrachloroethene	9.269	164	18564	19.994	ug/l	97
65) Chlorobenzene	10.079	112	57329	20.401	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	19600	20.090	ug/l	97
67) Ethyl Benzene	10.189	91	100909	20.050	ug/l	99
68) m/p-Xylenes	10.299	106	74591	40.748	ug/l	99
69) o-Xylene	10.640	106	37022	20.531	ug/l	99
70) Styrene	10.653	104	60787	20.424	ug/l	99
71) Bromoform	10.799	173	13578	18.639	ug/l #	98
73) Isopropylbenzene	10.957	105	96950	19.985	ug/l	99
74) N-amyl acetate	10.841	43	46683	20.117	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	33926	19.908	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28469m	19.271	ug/l	
77) Bromobenzene	11.195	156	22483	20.058	ug/l	99
78) n-propylbenzene	11.299	91	113864	20.378	ug/l	98
79) 2-Chlorotoluene	11.360	91	72067	20.174	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	82406	20.542	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7302	16.776	ug/l	87
82) 4-Chlorotoluene	11.451	91	80489	20.209	ug/l	98
83) tert-Butylbenzene	11.713	119	81191	20.443	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	83696	20.787	ug/l	99
85) sec-Butylbenzene	11.890	105	100614	20.626	ug/l	99
86) p-Isopropyltoluene	12.006	119	81306	20.218	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40441	19.821	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	40486	19.573	ug/l	97
89) n-Butylbenzene	12.329	91	68109	19.530	ug/l	100
90) Hexachloroethane	12.536	117	13396	19.382	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	41503	20.460	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7401	20.766	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	22428	19.863	ug/l	99
94) Hexachlorobutadiene	13.725	225	9725	19.987	ug/l	98
95) Naphthalene	13.774	128	83497	19.871	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24467	20.693	ug/l	96

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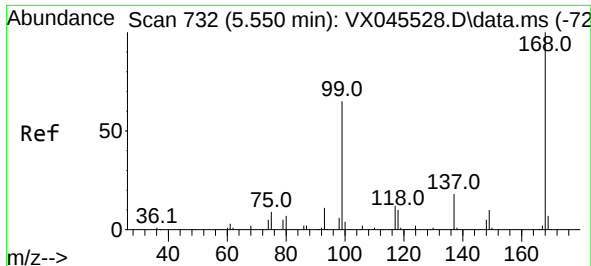
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/14/2025

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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

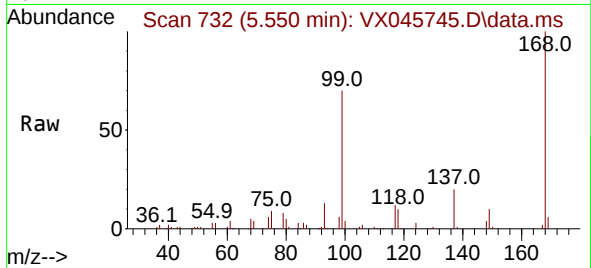
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

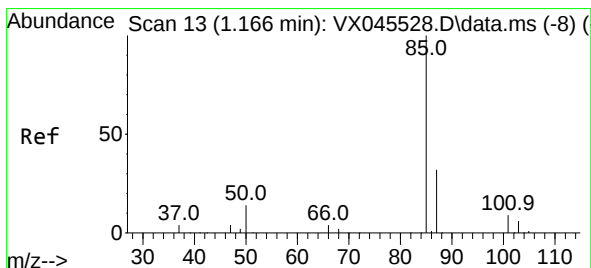
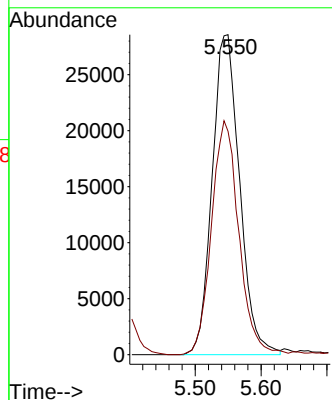
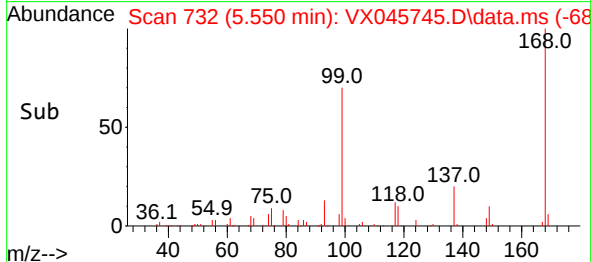
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion:168 Resp: 82983
Ion Ratio Lower Upper
168 100
99 69.8 52.3 78.5

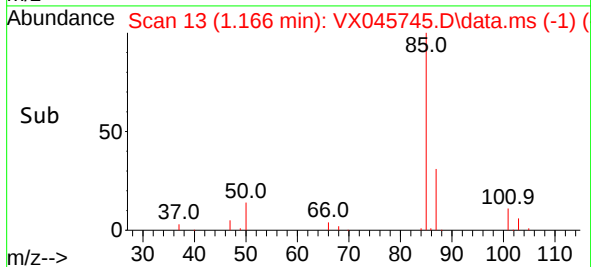
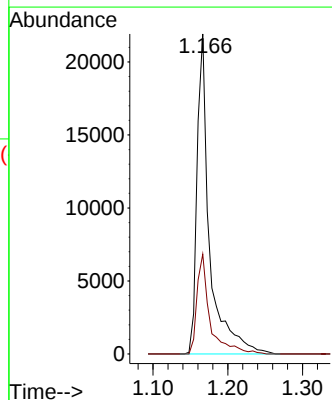
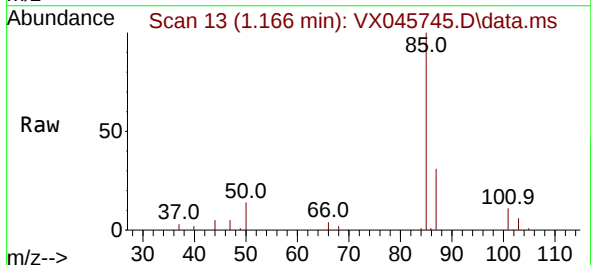
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Supervised By :Mahesh Dadoda 04/14/2025



#2
Dichlorodifluoromethane
Concen: 20.536 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Tgt Ion: 85 Resp: 25486
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2





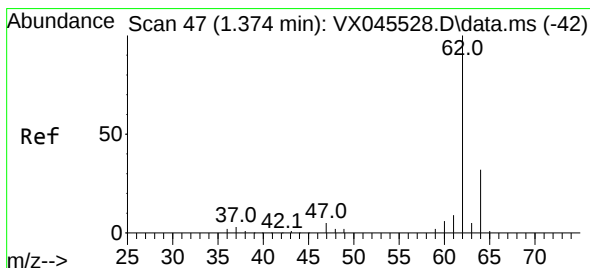
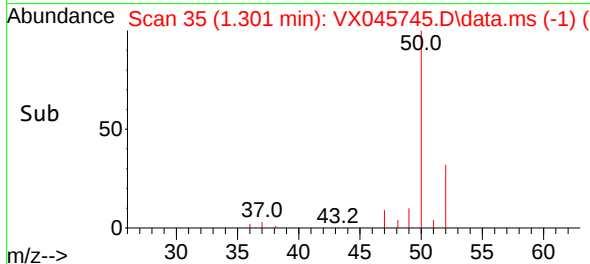
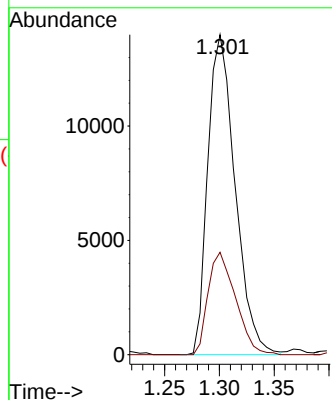
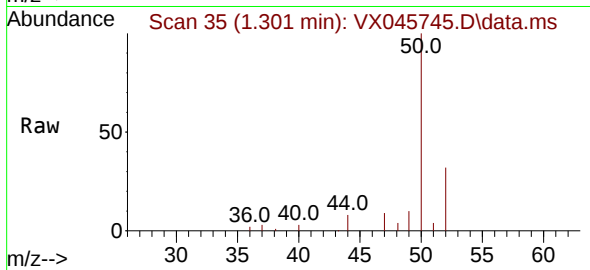
#3
Chloromethane
Concen: 19.044 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Instrument :
MSVOA_X
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VX0411MBS01

Tgt Ion: 50 Resp: 24280
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9

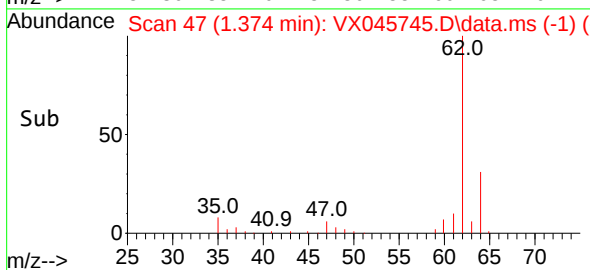
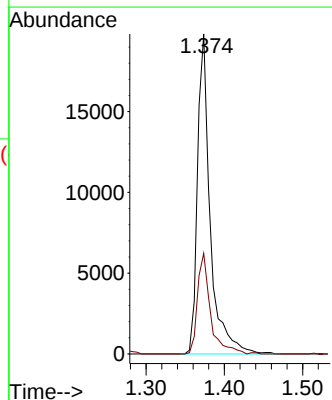
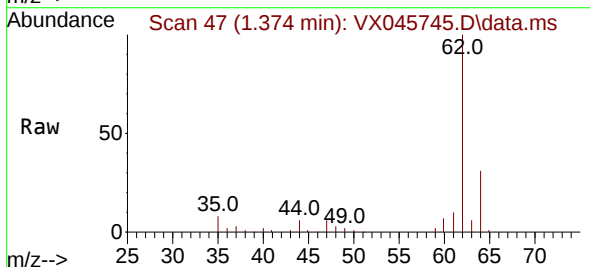
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
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#4
Vinyl Chloride
Concen: 19.187 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

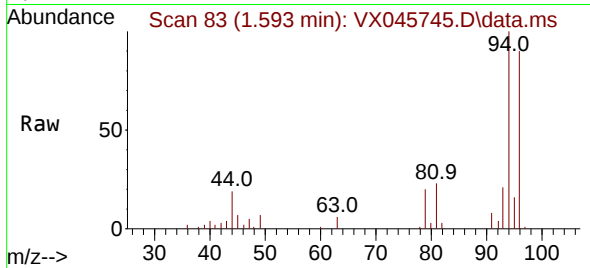
Tgt Ion: 62 Resp: 22387
Ion Ratio Lower Upper
62 100
64 31.5 25.5 38.3





#5
Bromomethane
Concen: 17.920 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

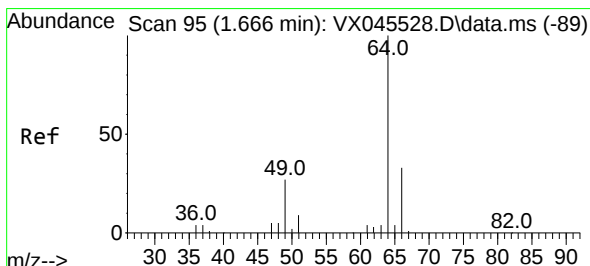
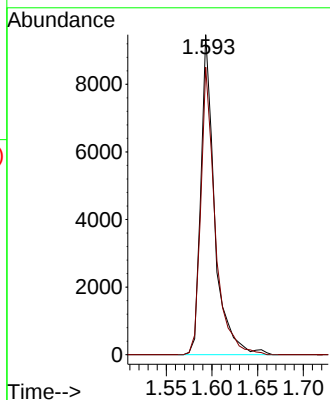
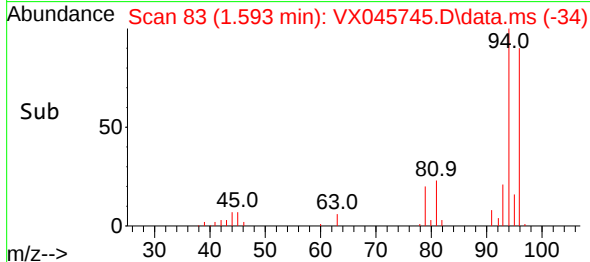
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion: 94 Resp: 9914
Ion Ratio Lower Upper
94 100
96 89.9 74.8 112.2

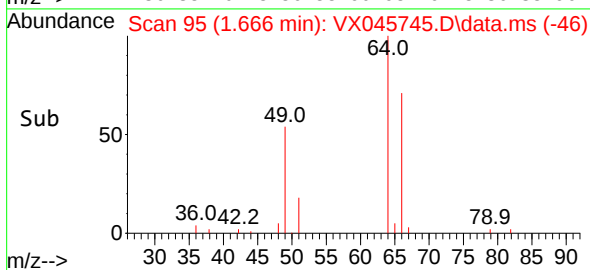
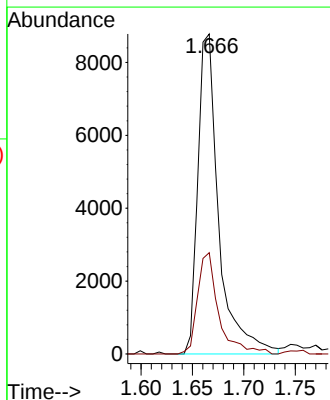
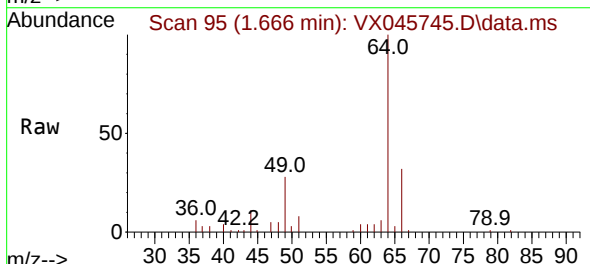
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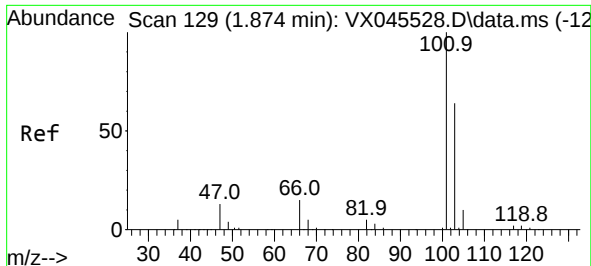
Reviewed By :John Carlone 04/14/2025
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#6
Chloroethane
Concen: 20.112 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

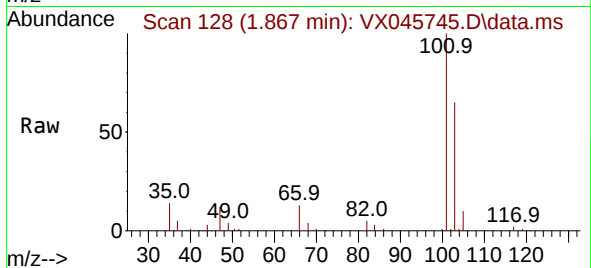
Tgt Ion: 64 Resp: 12450
Ion Ratio Lower Upper
64 100
66 31.6 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 21.080 ug/l
 RT: 1.867 min Scan# 101
 Delta R.T. -0.006 min
 Lab File: VX045745.D
 Acq: 11 Apr 2025 16:37

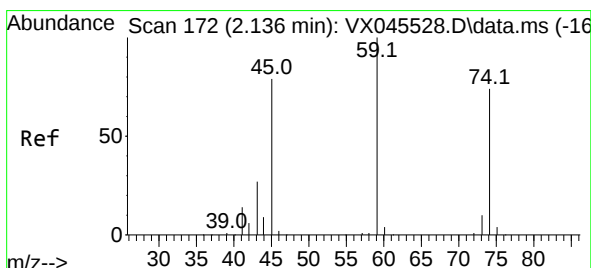
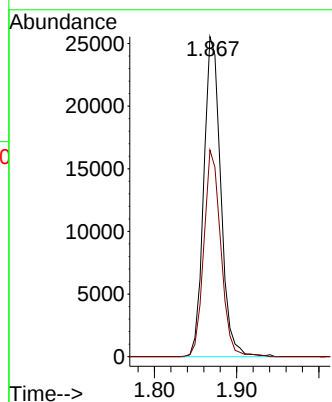
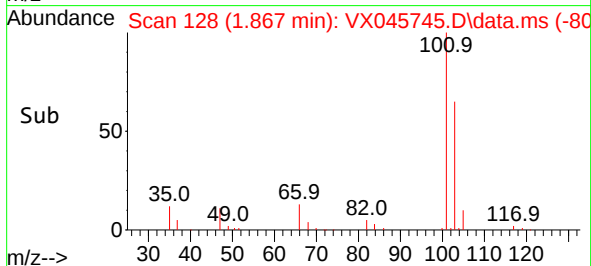
Instrument :
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Tgt Ion:101 Resp: 36670
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.1 76.7

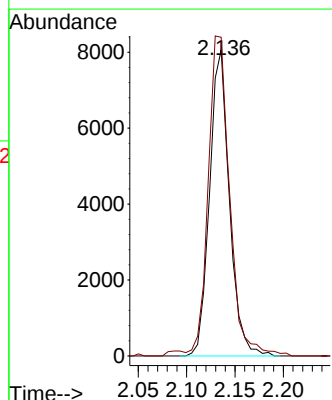
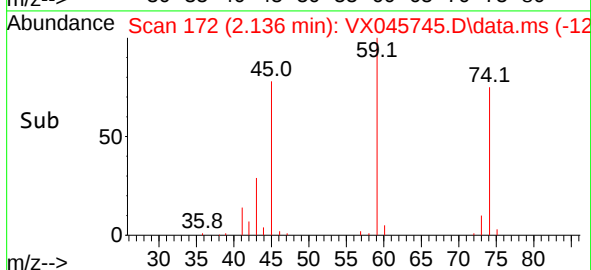
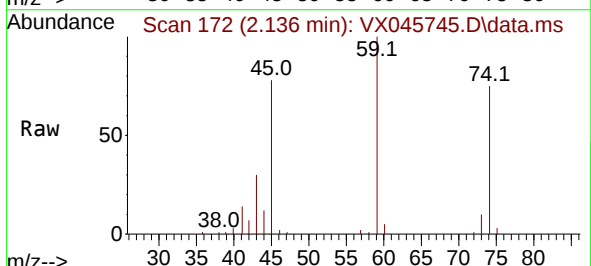
Manual Integrations
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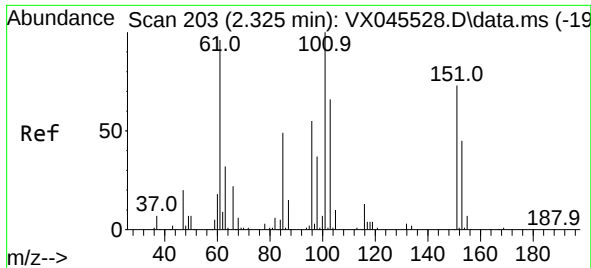
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#8
 Diethyl Ether
 Concen: 19.675 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX045745.D
 Acq: 11 Apr 2025 16:37

Tgt Ion: 74 Resp: 11493
 Ion Ratio Lower Upper
 74 100
 45 113.3 53.0 159.1





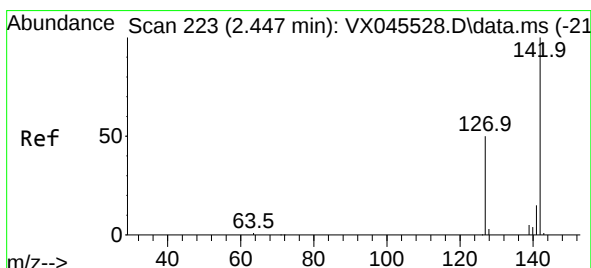
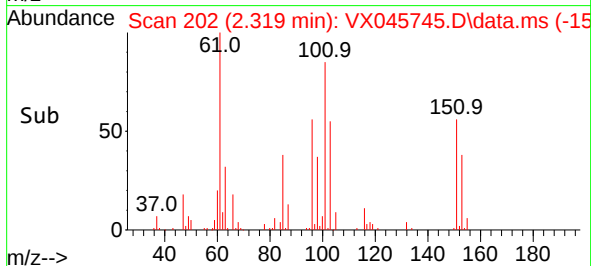
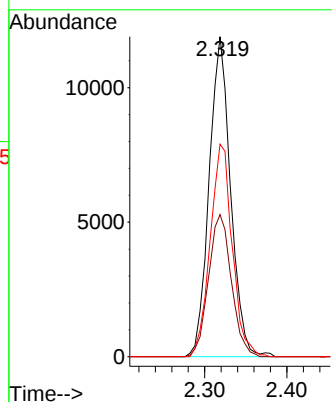
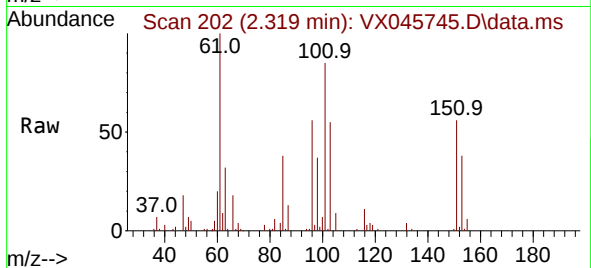
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.130 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Instrument :
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Tgt Ion:101 Resp: 2154
Ion Ratio Lower Upper
101 100
85 47.3 38.9 58.3
151 68.4 57.5 86.3

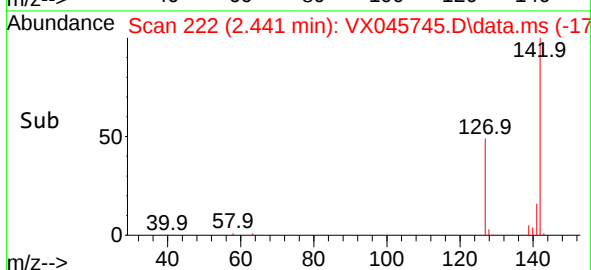
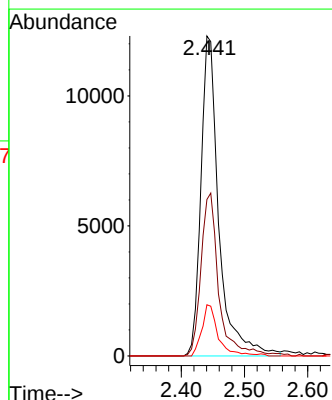
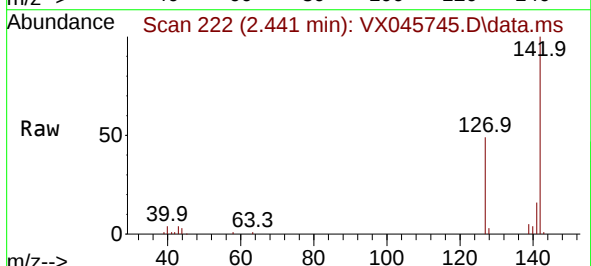
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 19.101 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

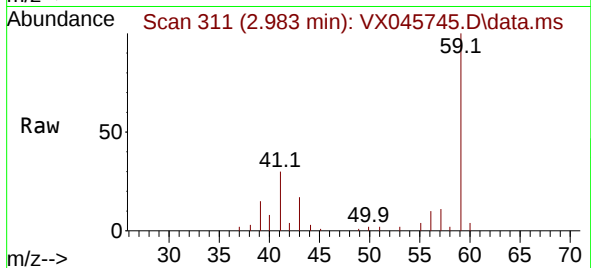
Tgt Ion:142 Resp: 24290
Ion Ratio Lower Upper
142 100
127 50.1 40.2 60.4
141 14.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 95.202 ug/l
RT: 2.983 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

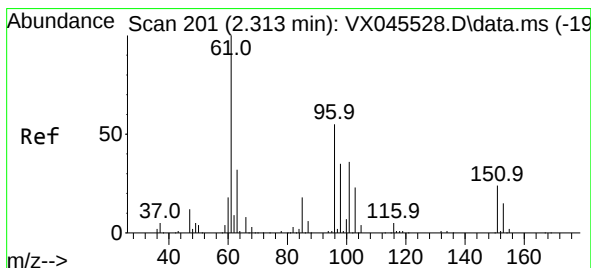
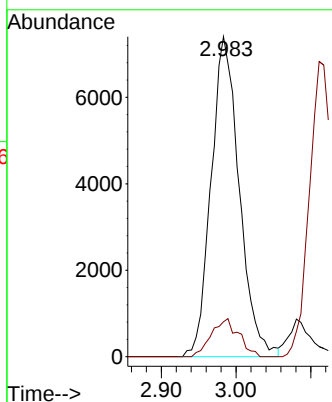
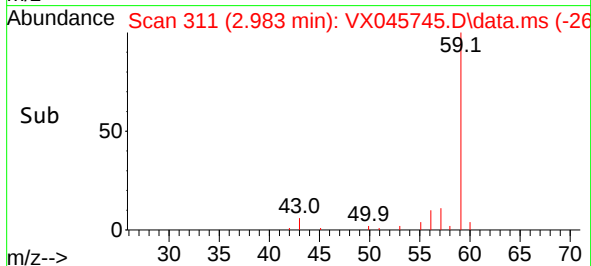
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion: 59 Resp: 19410
Ion Ratio Lower Upper
59 100
57 11.5 8.6 12.8

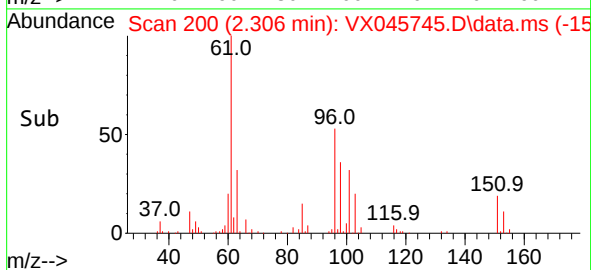
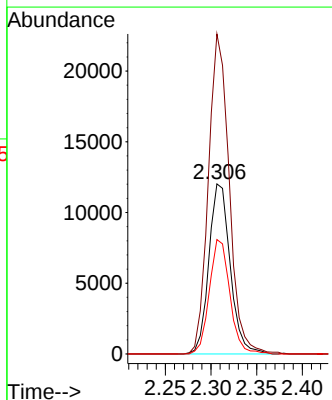
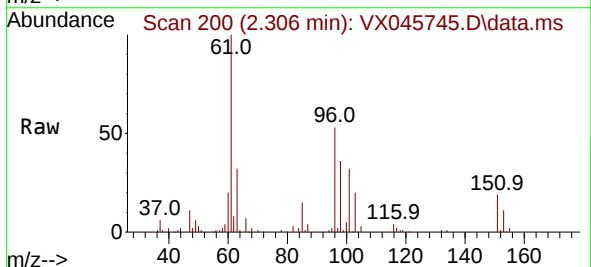
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 19.609 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

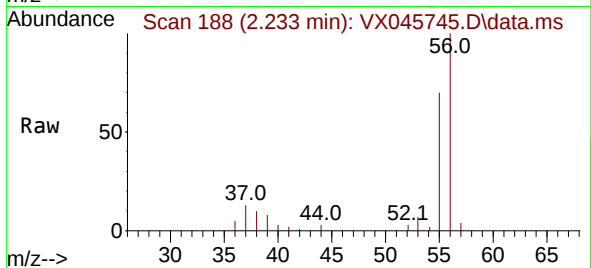
Tgt Ion: 96 Resp: 19535
Ion Ratio Lower Upper
96 100
61 188.2 145.7 218.5
98 67.3 51.6 77.4





#13
Acrolein
Concen: 92.538 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

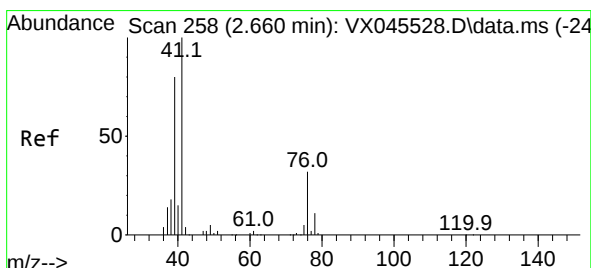
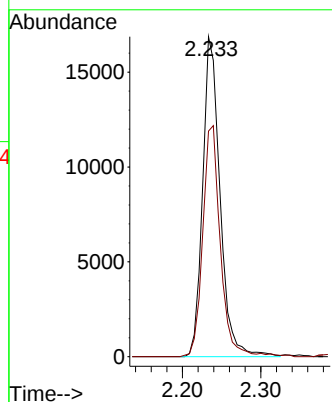
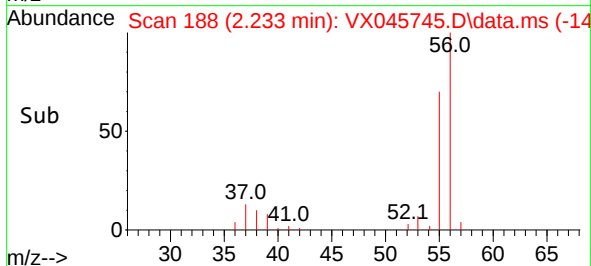
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion: 56 Resp: 25989
Ion Ratio Lower Upper
56 100
55 73.4 56.2 84.2

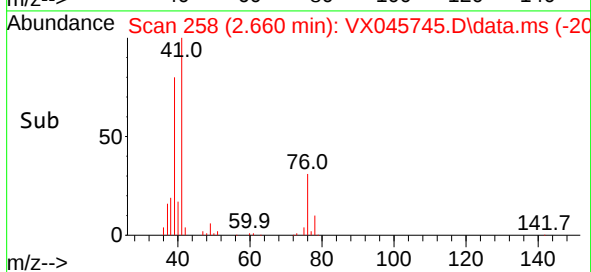
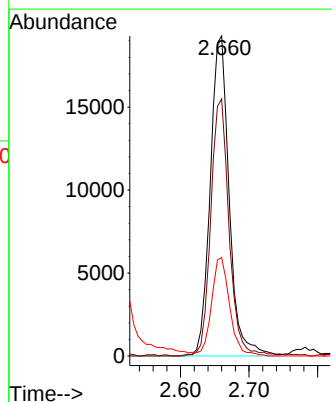
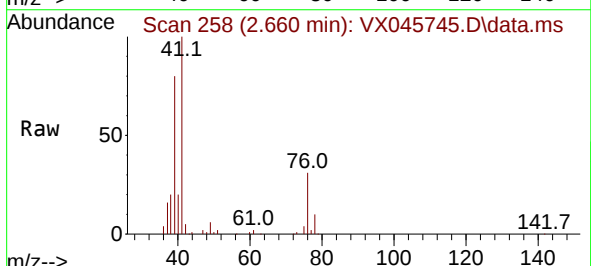
Manual Integrations
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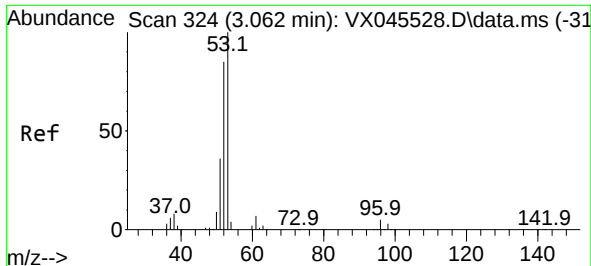
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#14
Allyl chloride
Concen: 19.636 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Tgt Ion: 41 Resp: 37116
Ion Ratio Lower Upper
41 100
39 77.6 60.2 90.2
76 29.3 24.6 36.8





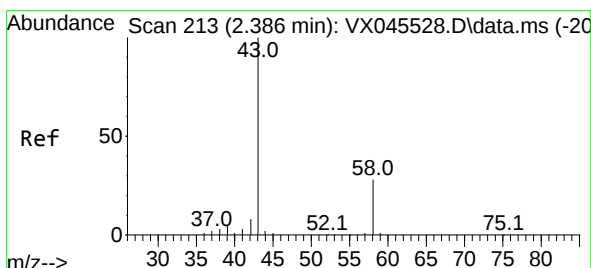
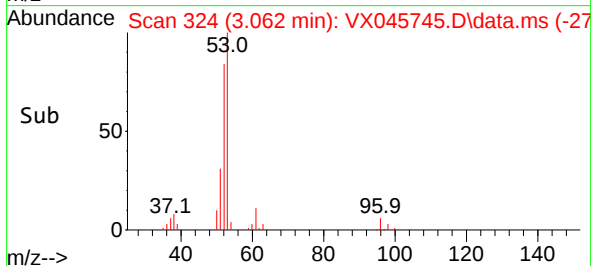
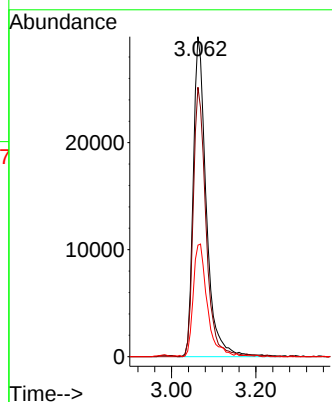
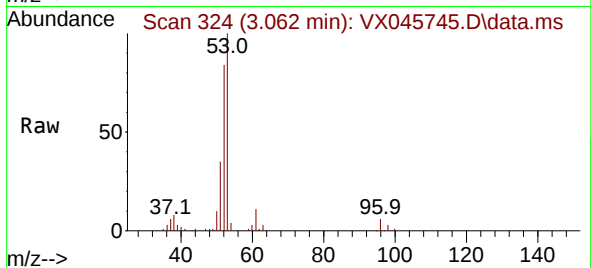
#15
Acrylonitrile
Concen: 100.101 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

Tgt Ion: 53 Resp: 6444
Ion Ratio Lower Upper
53 100
52 82.1 67.4 101.2
51 37.9 29.9 44.9

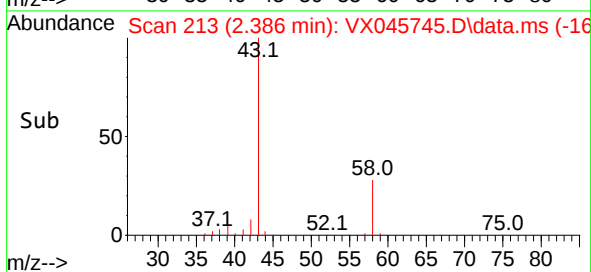
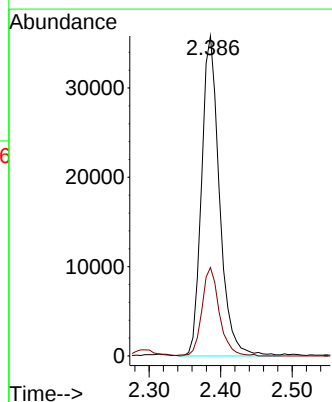
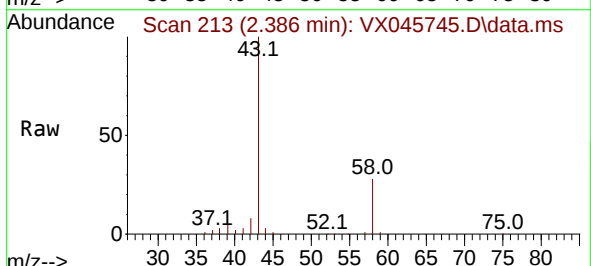
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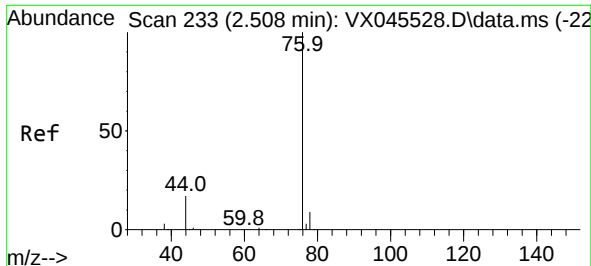
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#16
Acetone
Concen: 100.099 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Tgt Ion: 43 Resp: 62376
Ion Ratio Lower Upper
43 100
58 27.7 22.3 33.5





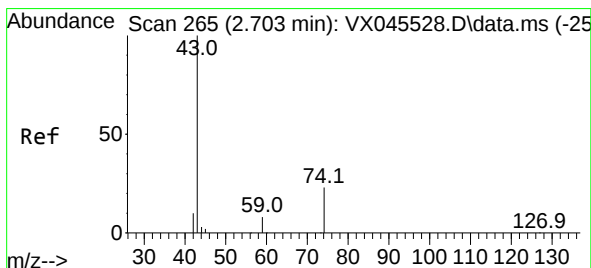
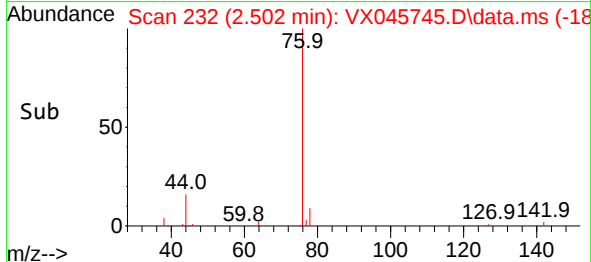
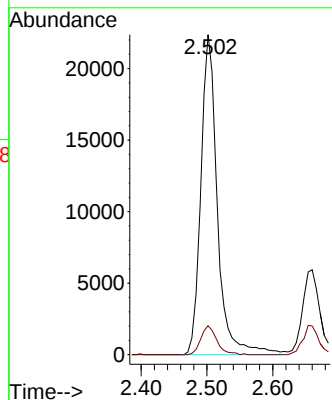
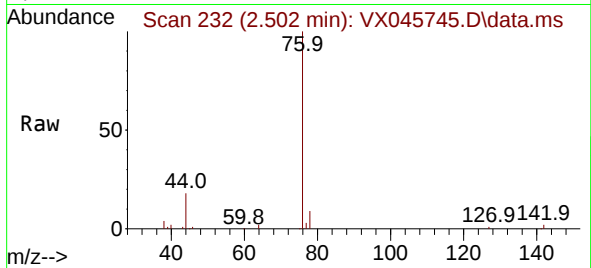
#17
Carbon Disulfide
Concen: 15.859 ug/l
RT: 2.502 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

Tgt Ion: 76 Resp: 39020
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

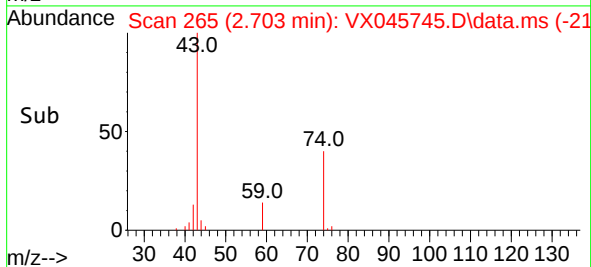
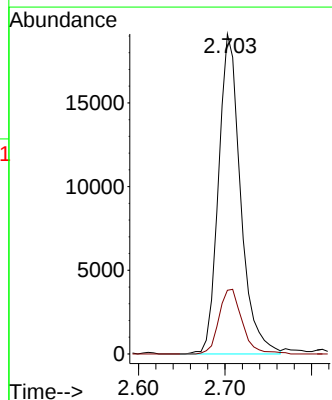
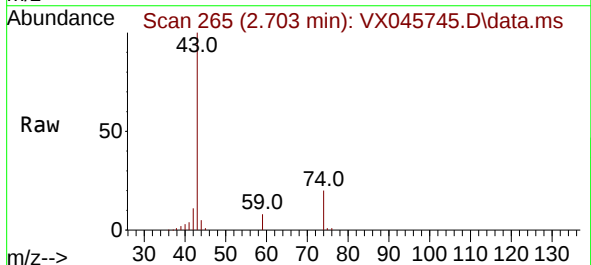
Manual Integrations
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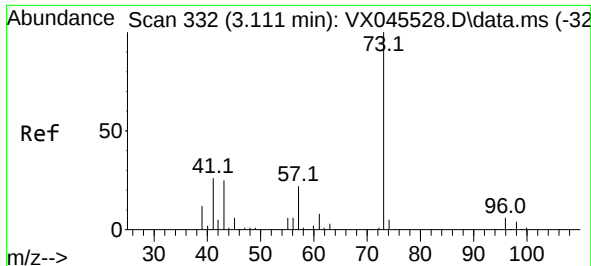
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#18
Methyl Acetate
Concen: 23.549 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

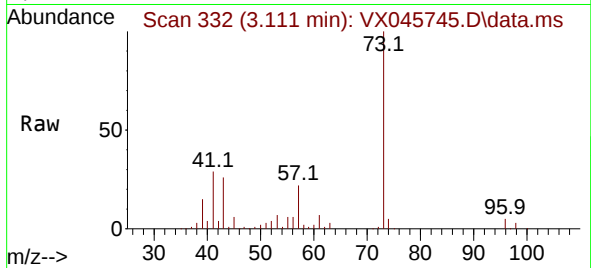
Tgt Ion: 43 Resp: 33786
Ion Ratio Lower Upper
43 100
74 21.3 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 20.534 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

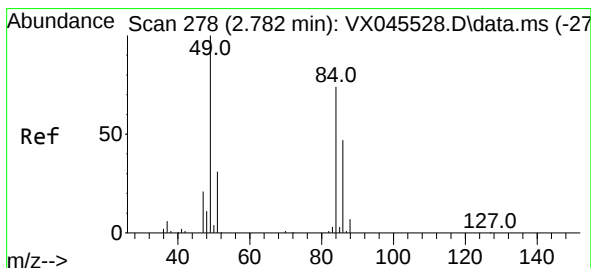
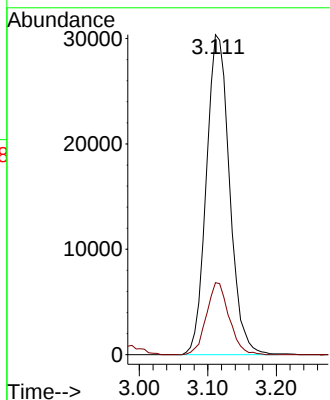
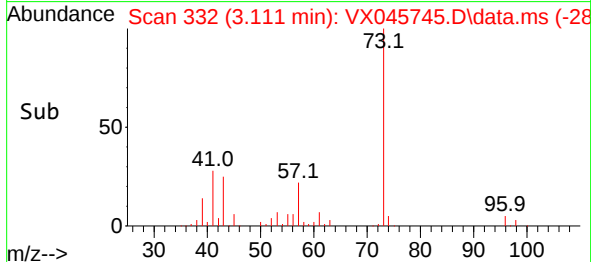
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion: 73 Resp: 71560
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4

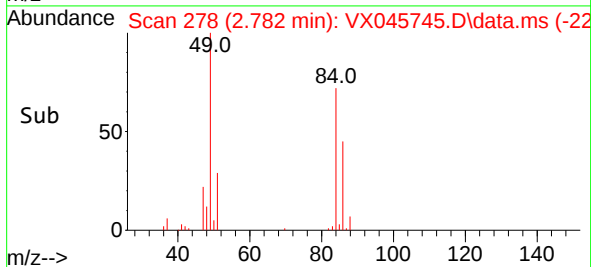
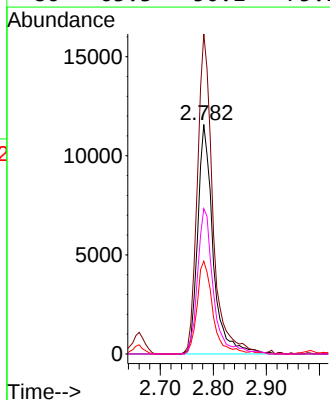
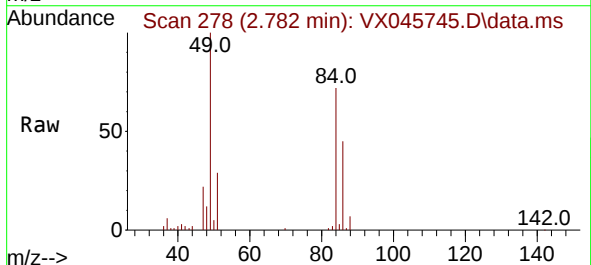
Manual Integrations
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Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#20
Methylene Chloride
Concen: 19.998 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

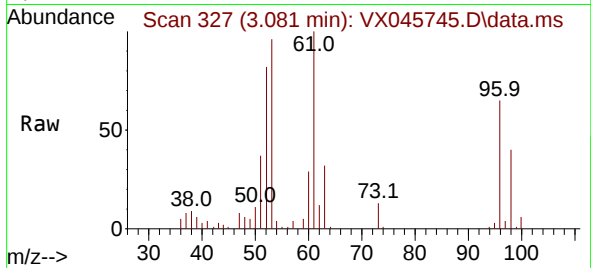
Tgt Ion: 84 Resp: 23330
Ion Ratio Lower Upper
84 100
49 139.5 107.5 161.3
51 40.4 33.0 49.6
86 63.3 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 19.125 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

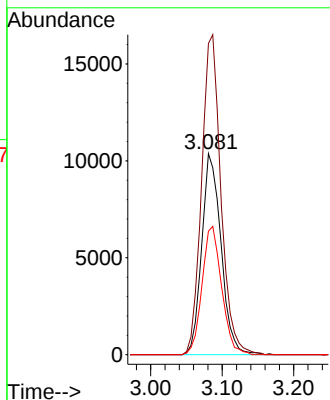
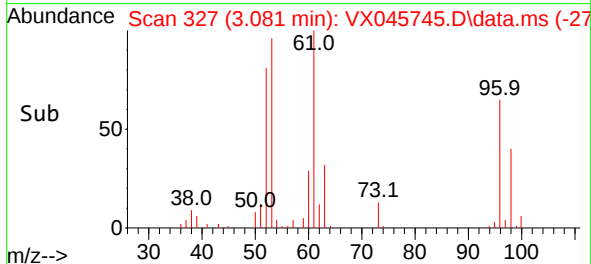
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion: 96 Resp: 1946
Ion Ratio Lower Upper
96 100
61 154.7 121.0 181.6
98 61.4 49.7 74.5

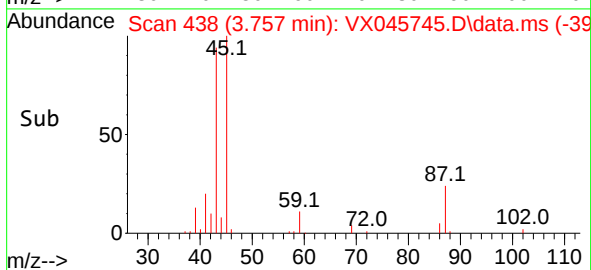
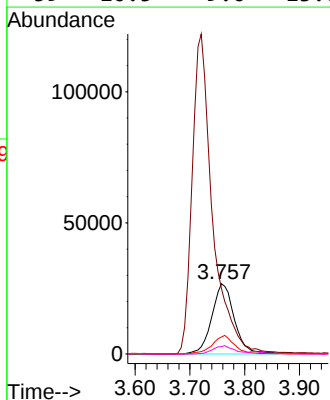
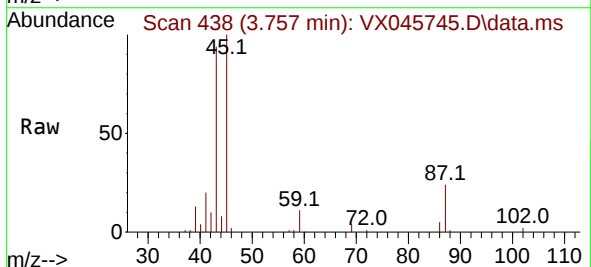
Manual Integrations
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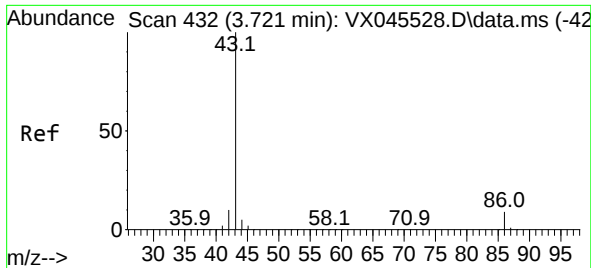
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#22
Diisopropyl ether
Concen: 20.569 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Tgt Ion: 45 Resp: 76587
Ion Ratio Lower Upper
45 100
43 92.5 59.3 88.9#
87 24.0 20.4 30.6
59 10.5 9.0 13.6





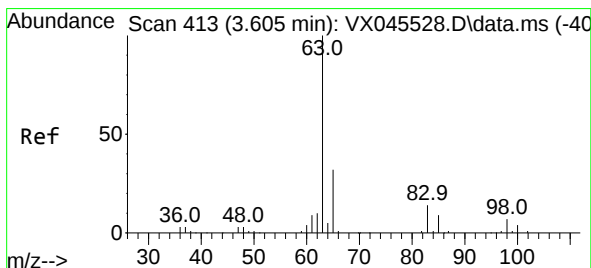
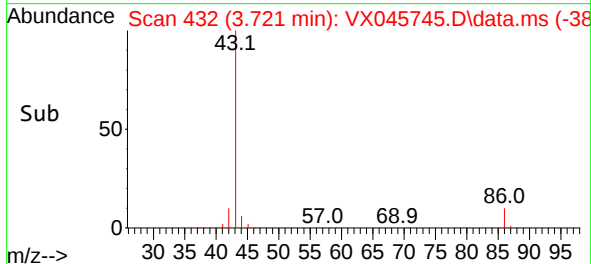
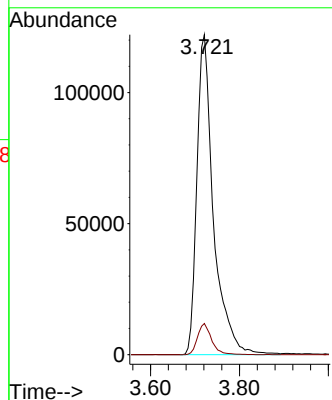
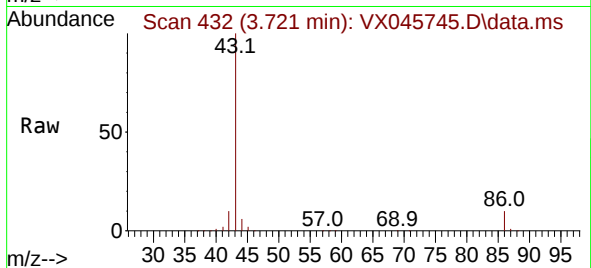
#23
 Vinyl Acetate
 Concen: 98.430 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX045745.D
 Acq: 11 Apr 2025 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

Tgt Ion: 43 Resp: 31664
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3

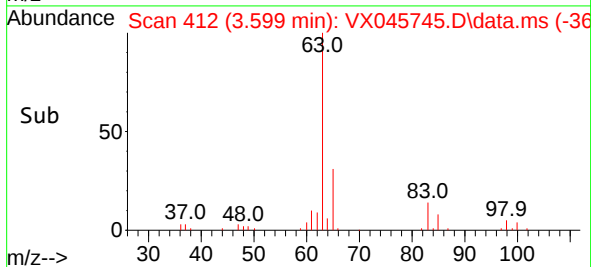
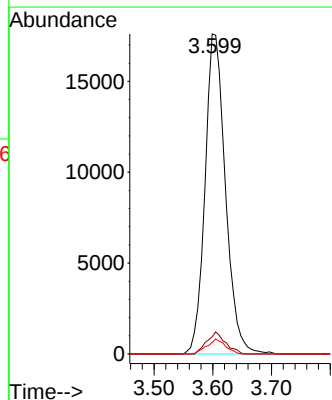
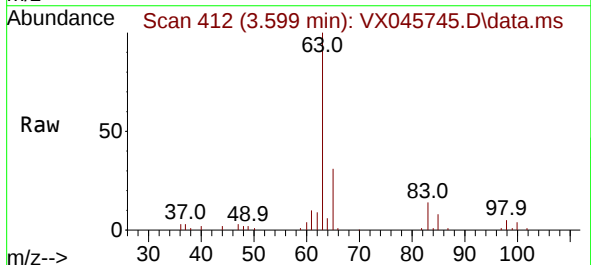
Manual Integrations
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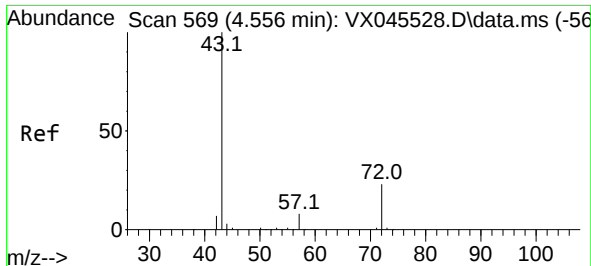
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#24
 1,1-Dichloroethane
 Concen: 20.222 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045745.D
 Acq: 11 Apr 2025 16:37

Tgt Ion: 63 Resp: 42582
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.4 10.1
 100 3.6 2.2 6.6





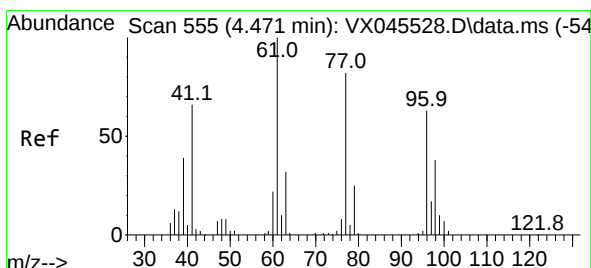
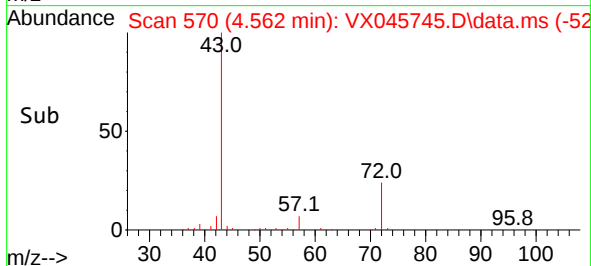
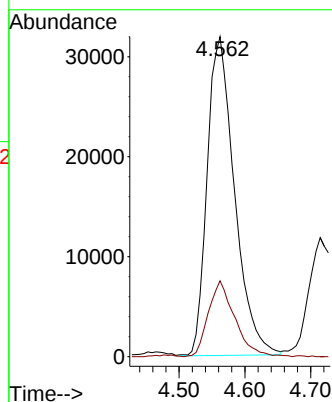
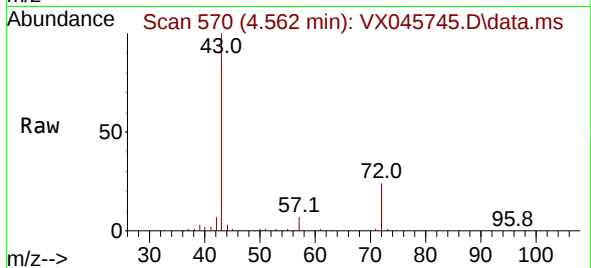
#25
2-Butanone
Concen: 101.228 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

Tgt Ion: 43 Resp: 92336
Ion Ratio Lower Upper
43 100
72 23.7 18.6 28.0

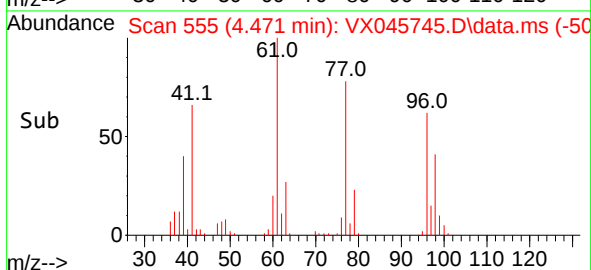
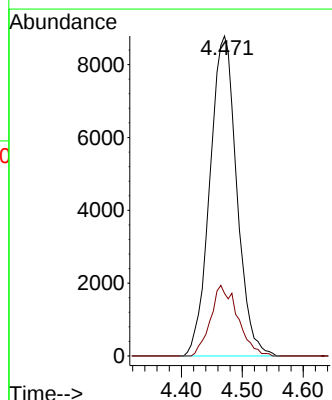
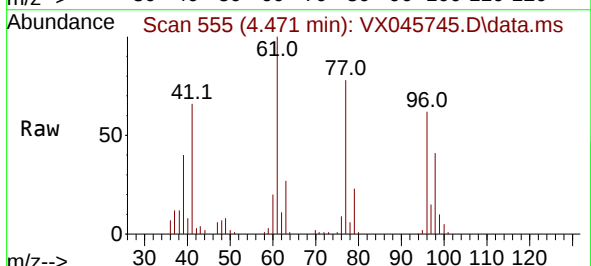
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 19.793 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

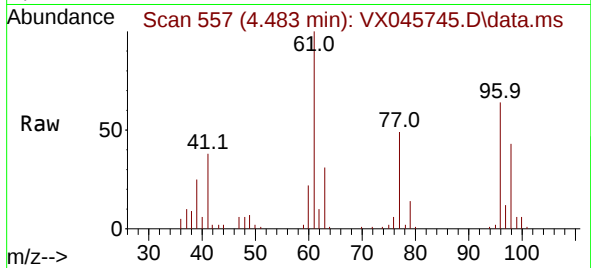
Tgt Ion: 77 Resp: 26928
Ion Ratio Lower Upper
77 100
97 22.4 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.981 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX045745.D
 Acq: 11 Apr 2025 16:37

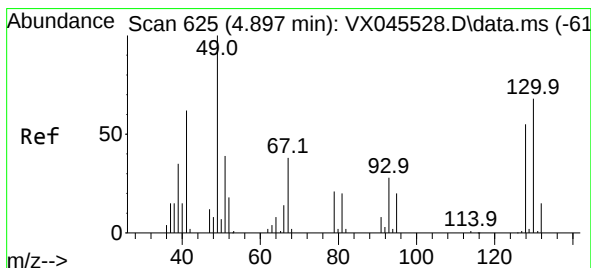
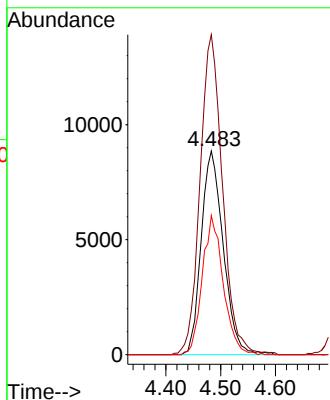
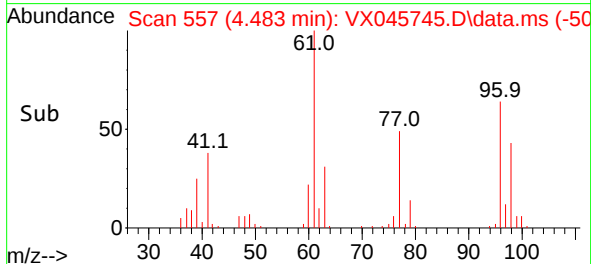
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01



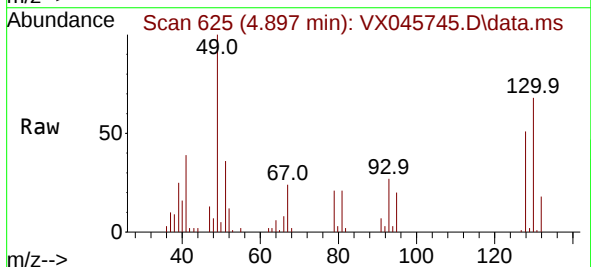
Tgt Ion: 96 Resp: 24770
 Ion Ratio Lower Upper
 96 100
 61 159.9 0.0 313.2
 98 64.6 0.0 126.4

Manual Integrations
 APPROVED

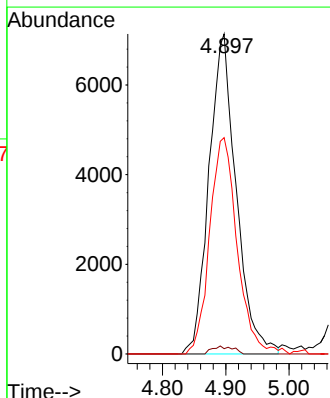
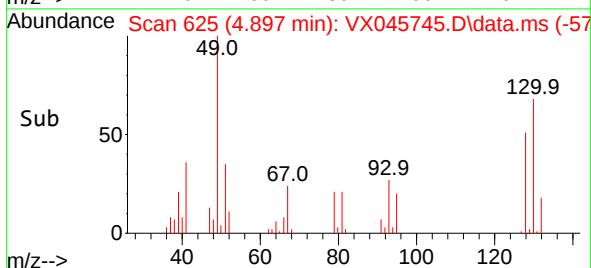
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025

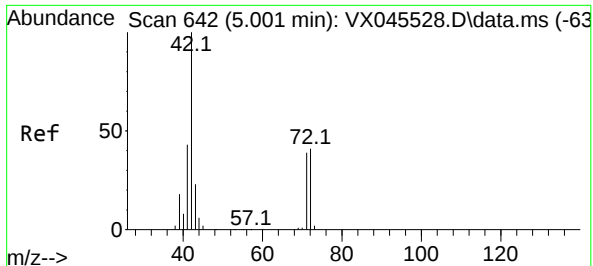


#28
 Bromochloromethane
 Concen: 20.949 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX045745.D
 Acq: 11 Apr 2025 16:37



Tgt Ion: 49 Resp: 21317
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 68.3 54.6 81.8





#29

Tetrahydrofuran

Concen: 97.977 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

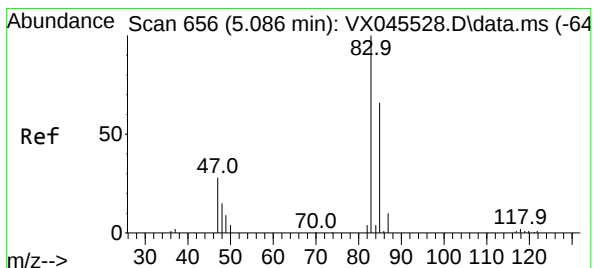
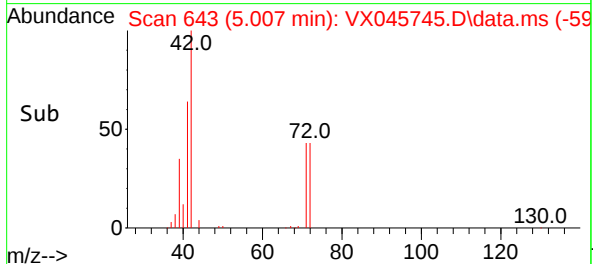
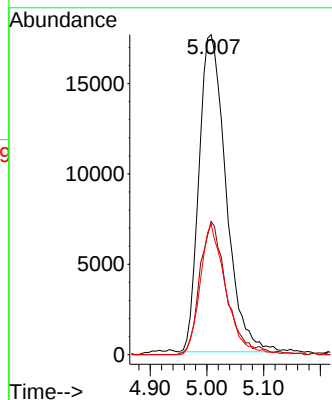
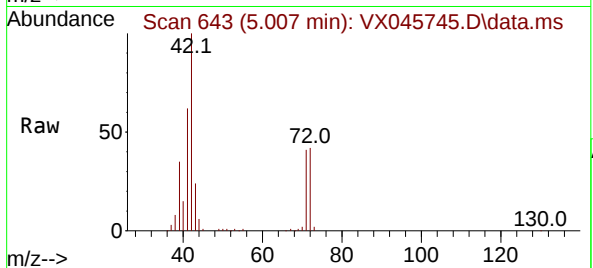
Tgt Ion:	42	Resp:	5794
Ion Ratio	Lower	Upper	
42	100		
72	41.6	33.4	50.0
71	39.2	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#30

Chloroform

Concen: 21.114 ug/l

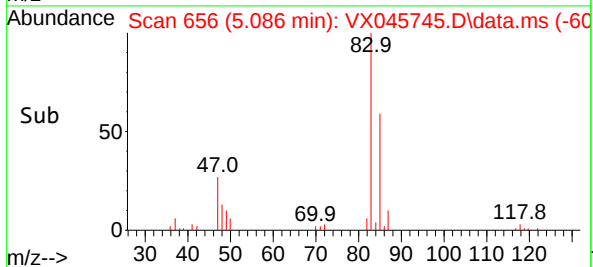
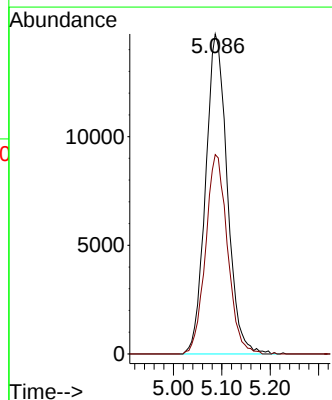
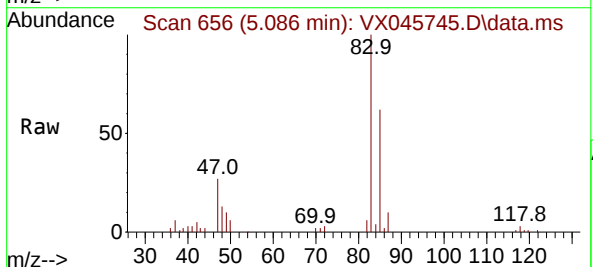
RT: 5.086 min Scan# 656

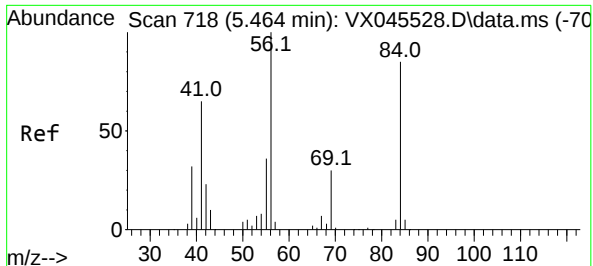
Delta R.T. -0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

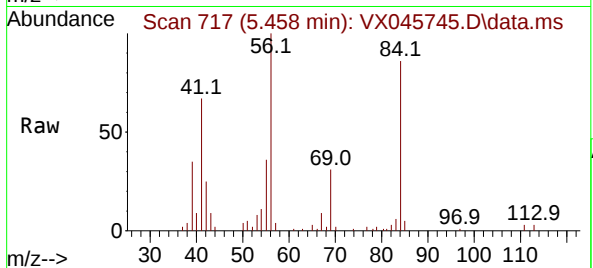
Tgt Ion:	83	Resp:	45748
Ion Ratio	Lower	Upper	
83	100		
85	62.3	52.8	79.2





#31
Cyclohexane
Concen: 19.290 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

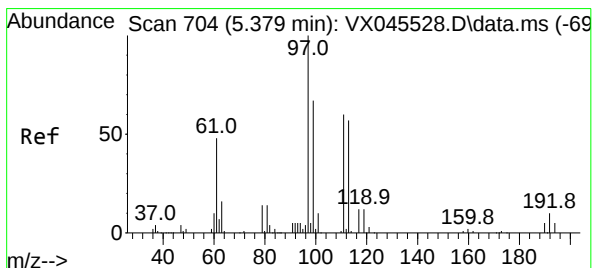
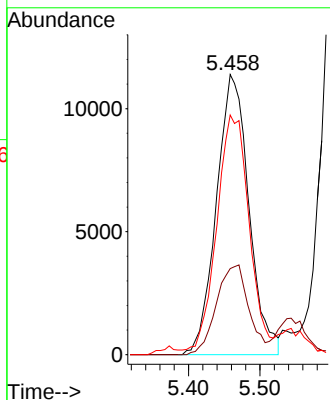
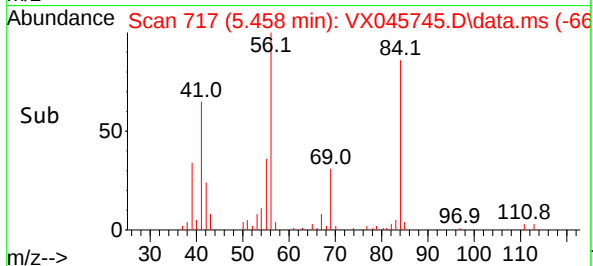
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion: 56 Resp: 35909
Ion Ratio Lower Upper
56 100
69 30.8 23.6 35.4
84 83.9 67.7 101.5

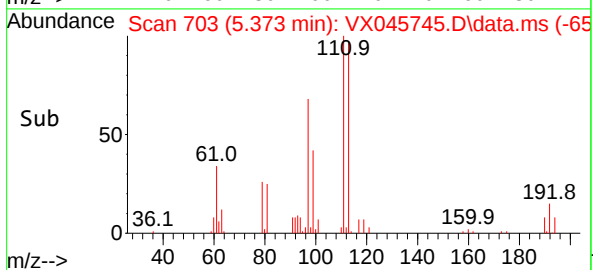
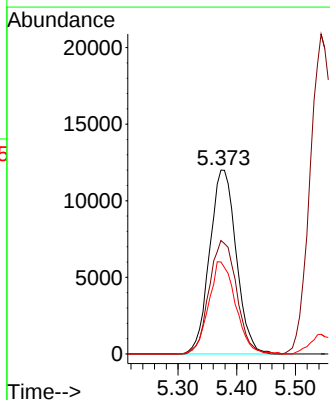
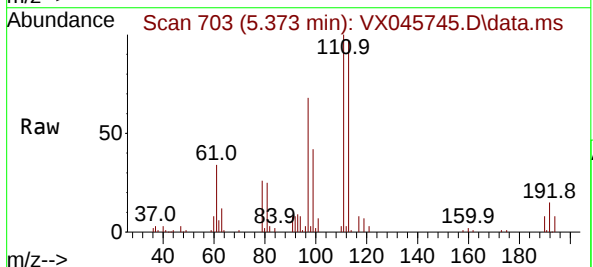
Manual Integrations
APPROVED

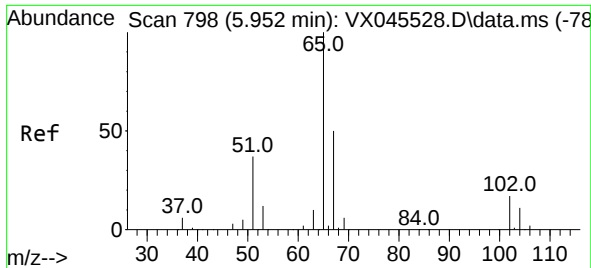
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#32
1,1,1-Trichloroethane
Concen: 20.587 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Tgt Ion: 97 Resp: 37744
Ion Ratio Lower Upper
97 100
99 63.4 51.7 77.5
61 50.7 41.0 61.4





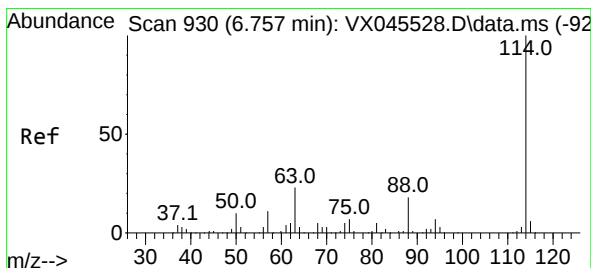
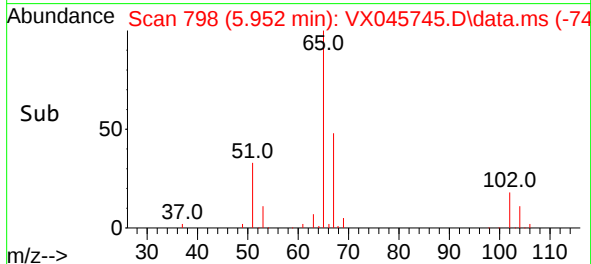
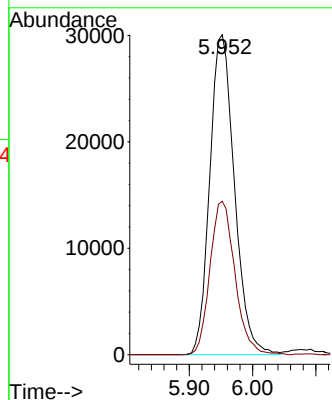
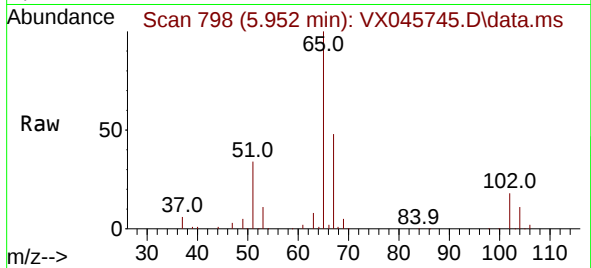
#33
 1,2-Dichloroethane-d4
 Concen: 53.721 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045745.D
 Acq: 11 Apr 2025 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

Tgt Ion: 65 Resp: 81524
 Ion Ratio Lower Upper
 65 100
 67 48.5 0.0 99.0

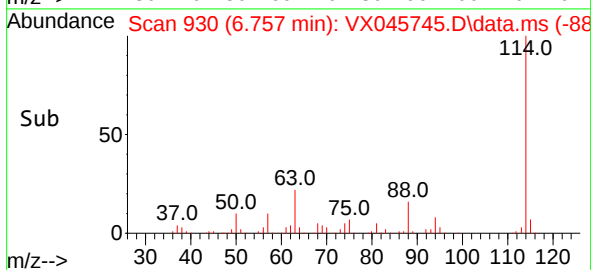
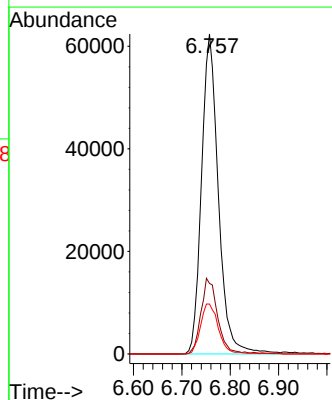
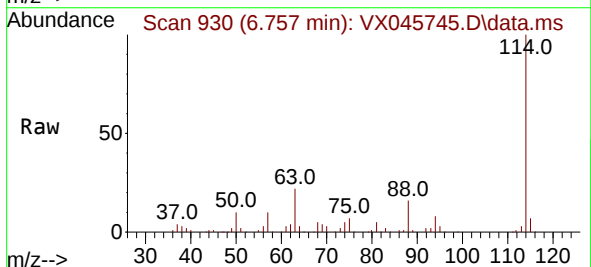
Manual Integrations
 APPROVED

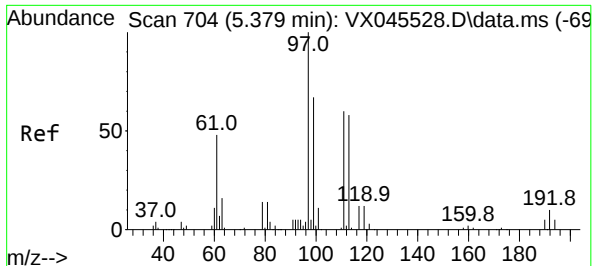
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045745.D
 Acq: 11 Apr 2025 16:37

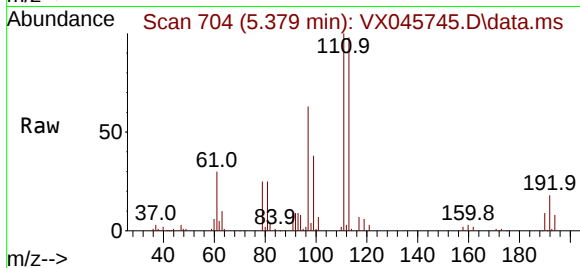
Tgt Ion:114 Resp: 150995
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 46.8
 88 15.6 0.0 35.4





#35
Dibromofluoromethane
Concen: 50.995 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

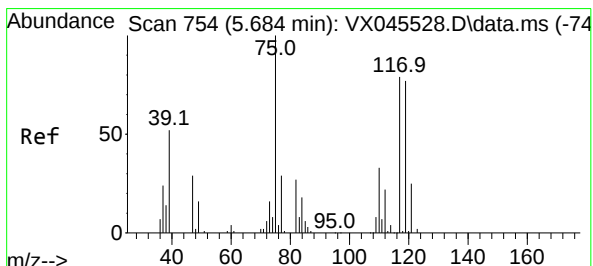
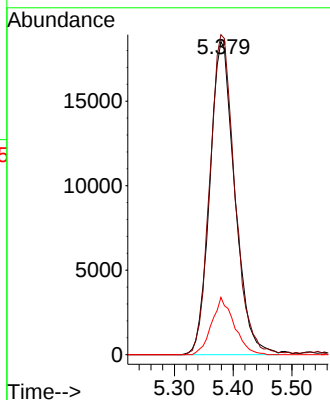
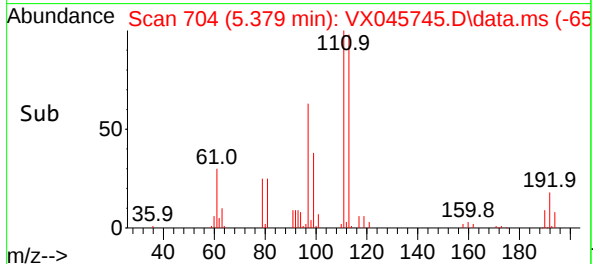
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion: 113 Resp: 5463
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 16.4 13.8 20.6

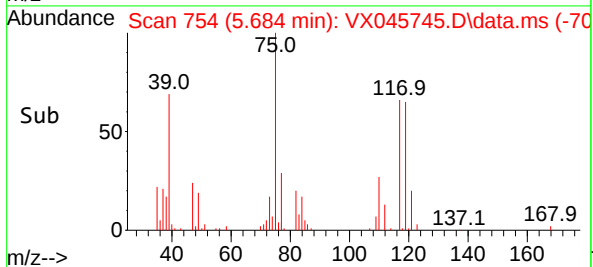
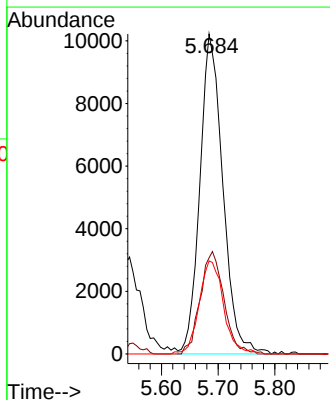
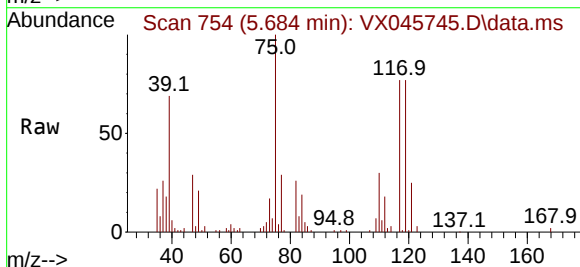
Manual Integrations
APPROVED

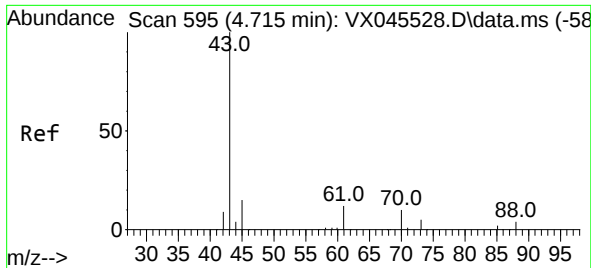
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#36
1,1-Dichloropropene
Concen: 19.899 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

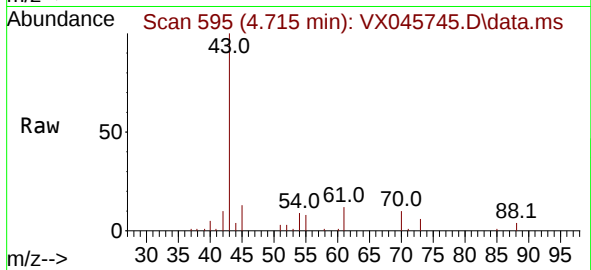
Tgt Ion: 75 Resp: 28784
Ion Ratio Lower Upper
75 100
110 33.0 16.9 50.6
77 30.7 25.0 37.4





#37
Ethyl Acetate
Concen: 20.037 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

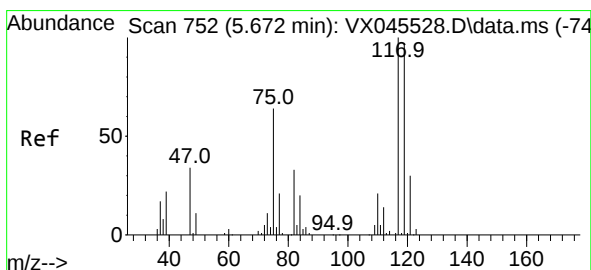
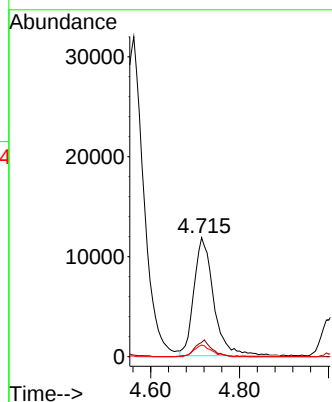
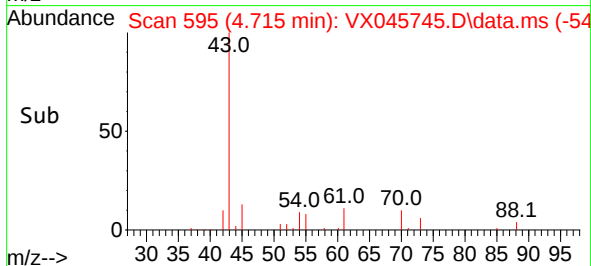
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion: 43 Resp: 36524
Ion Ratio Lower Upper
43 100
61 11.8 9.9 14.9
70 8.9 7.5 11.3

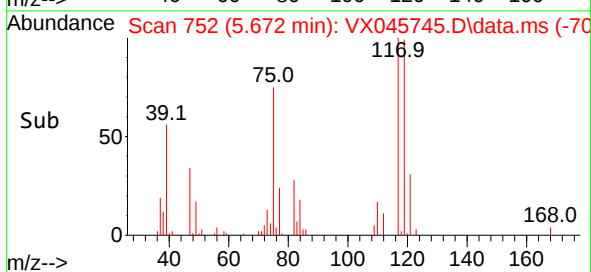
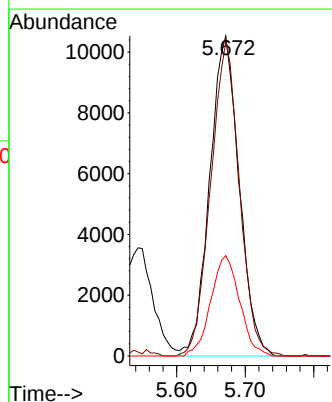
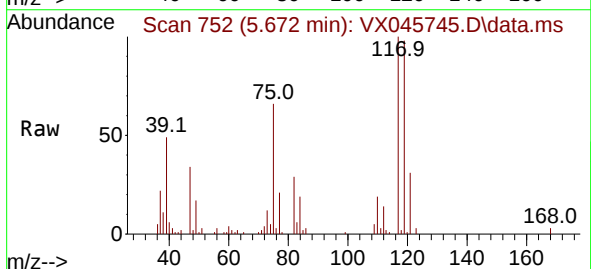
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 20.045 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Tgt Ion:117 Resp: 31336
Ion Ratio Lower Upper
117 100
119 97.6 76.9 115.3
121 31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 19.263 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

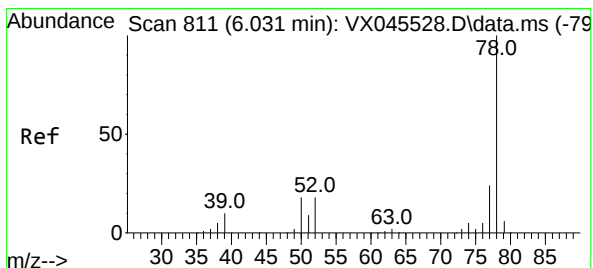
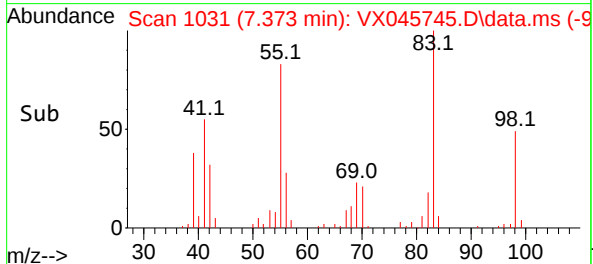
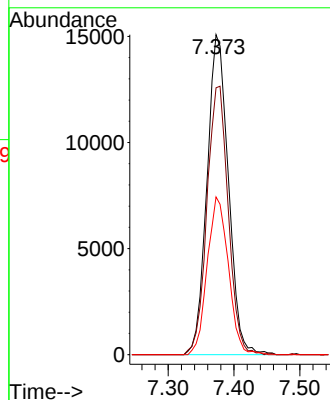
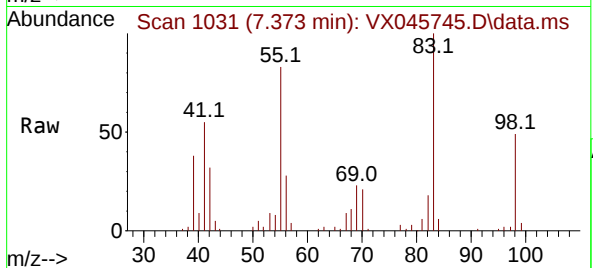
Tgt Ion: 83	Resp: 3415
Ion Ratio	Lower Upper
83 100	
55 83.4	64.9 97.3
98 49.3	37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#40

Benzene

Concen: 19.470 ug/l

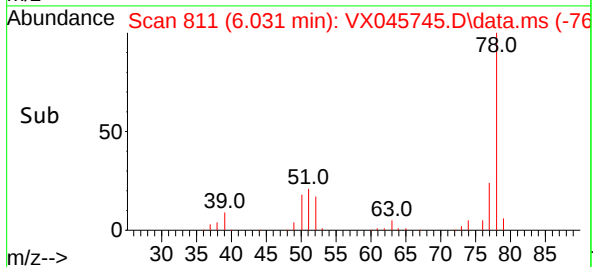
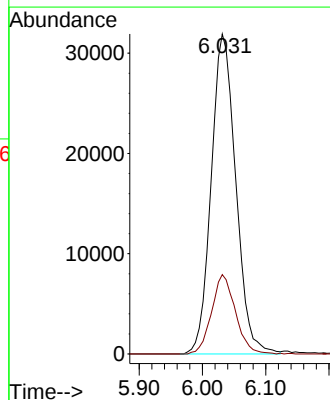
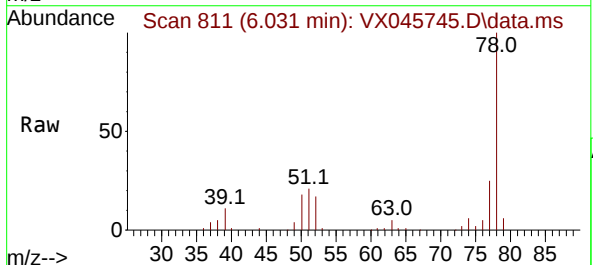
RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

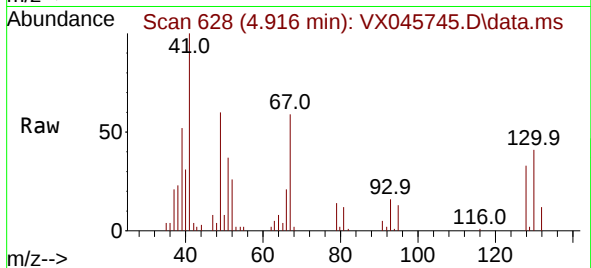
Tgt Ion: 78	Resp: 86011
Ion Ratio	Lower Upper
78 100	
77 24.8	19.0 28.6





#41
Methacrylonitrile
Concen: 19.761 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

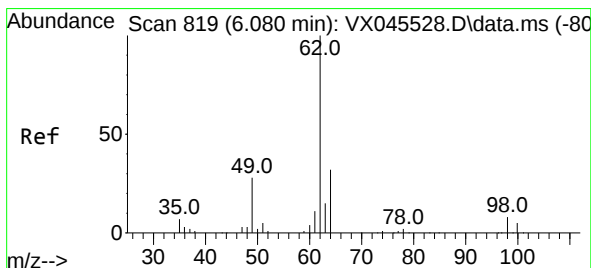
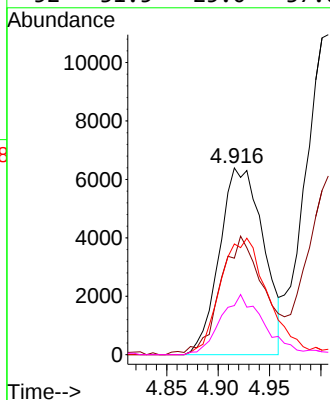
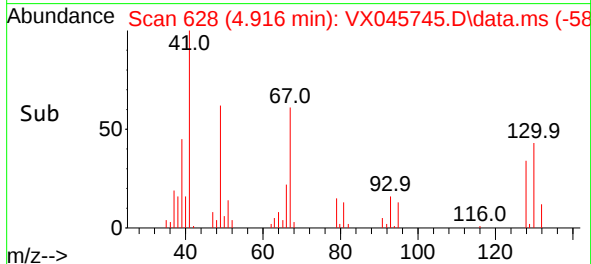
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion: 41 Resp: 19000
Ion Ratio Lower Upper
41 100
39 63.9 47.0 70.6
67 69.5 53.2 79.8
52 31.5 25.0 37.6

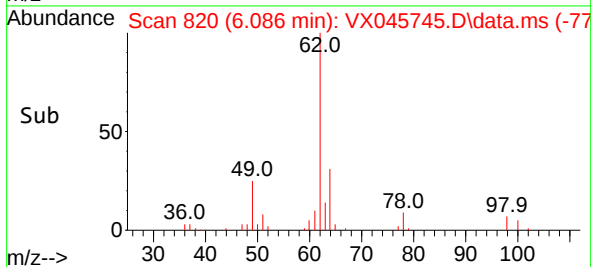
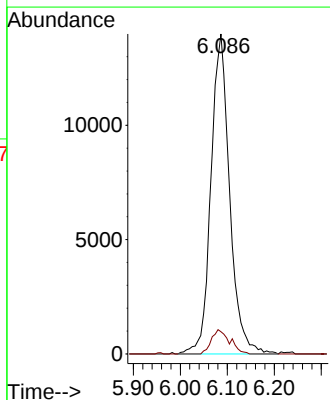
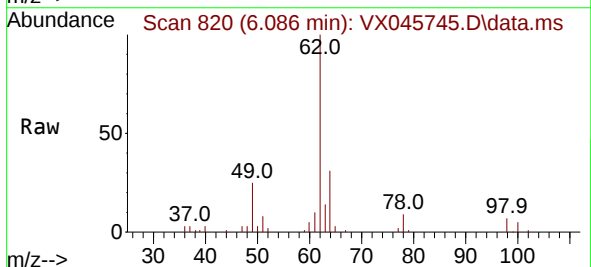
Manual Integrations
APPROVED

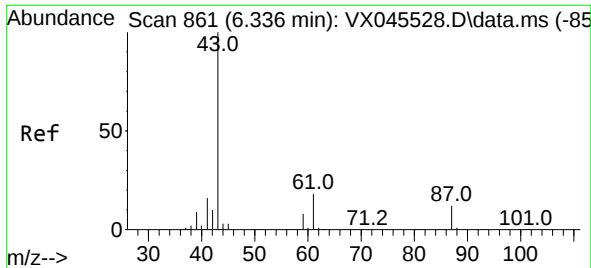
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#42
1,2-Dichloroethane
Concen: 21.203 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

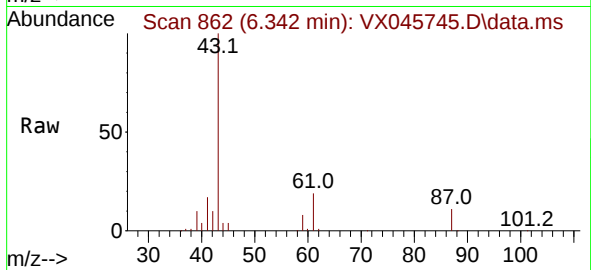
Tgt Ion: 62 Resp: 38688
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.2





#43
Isopropyl Acetate
Concen: 19.001 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

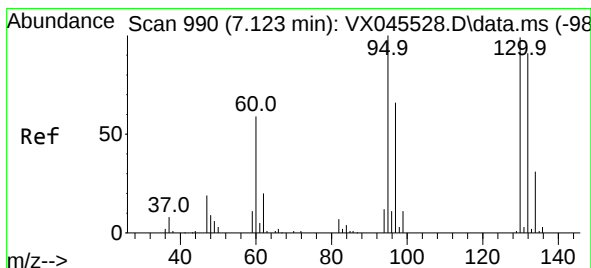
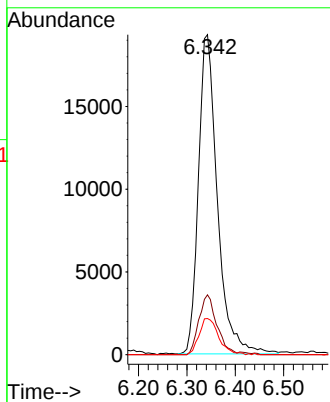
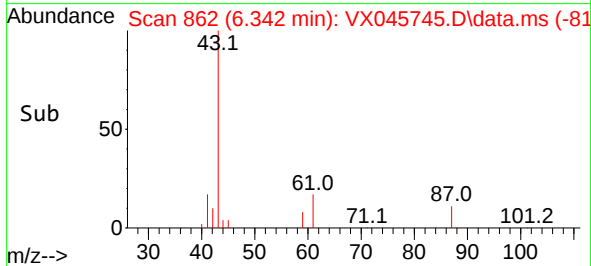
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion: 43 Resp: 52495
Ion Ratio Lower Upper
43 100
61 17.7 14.1 21.1
87 11.7 9.2 13.8

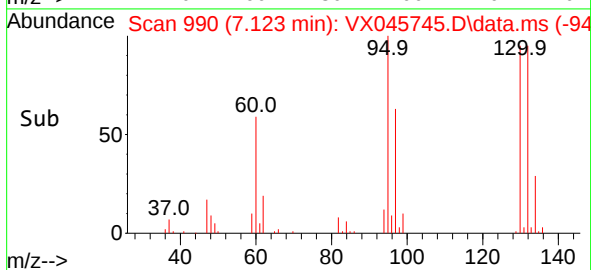
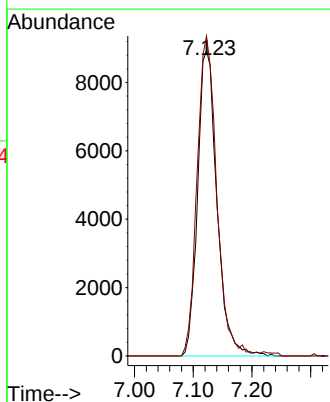
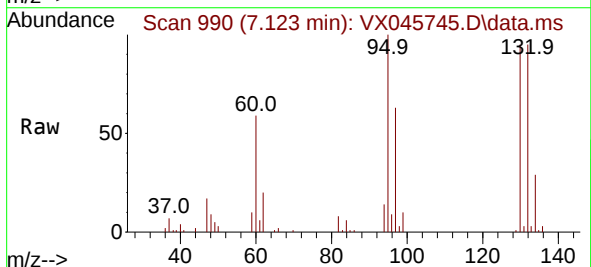
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 19.519 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Tgt Ion:130 Resp: 20495
Ion Ratio Lower Upper
130 100
95 104.7 0.0 202.0





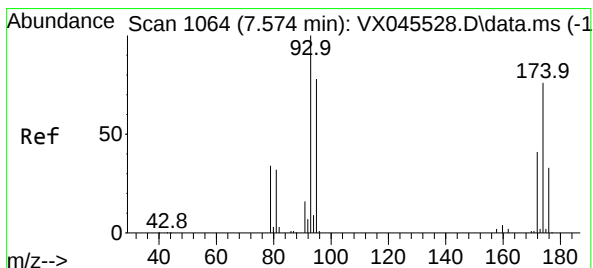
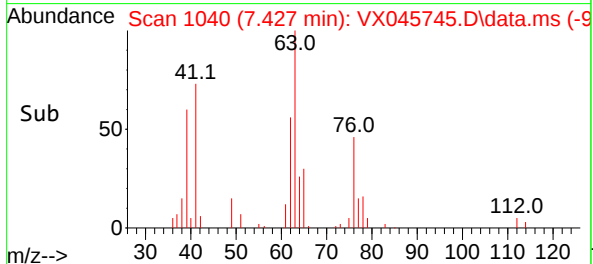
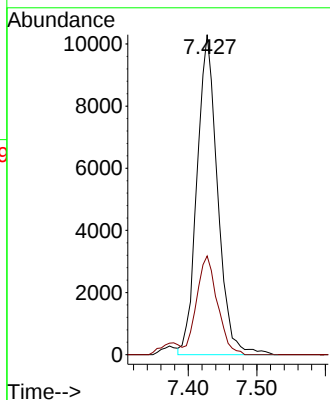
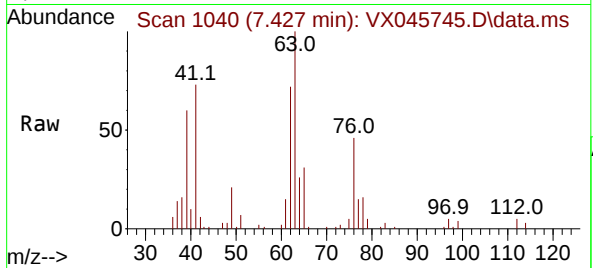
#45
1,2-Dichloropropane
Concen: 19.547 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

Tgt Ion: 63 Resp: 21540
Ion Ratio Lower Upper
63 100
65 30.8 25.8 38.6

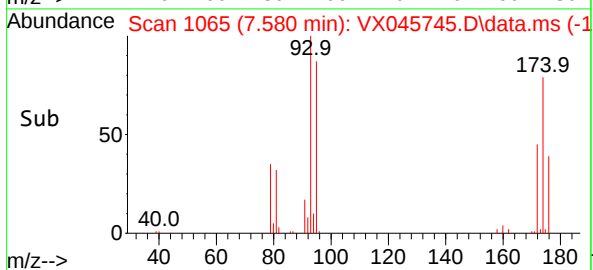
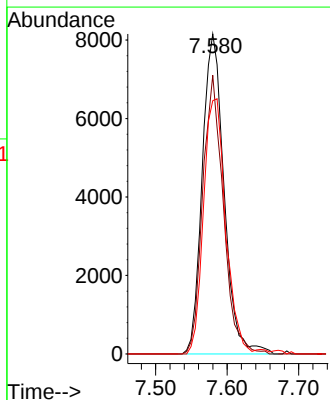
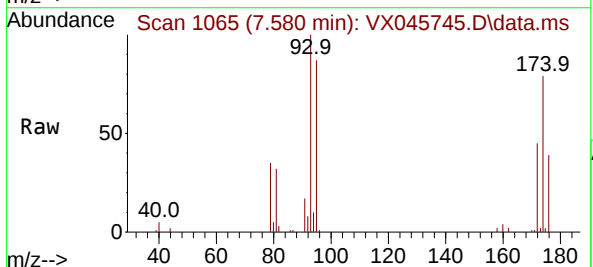
Manual Integrations
APPROVED

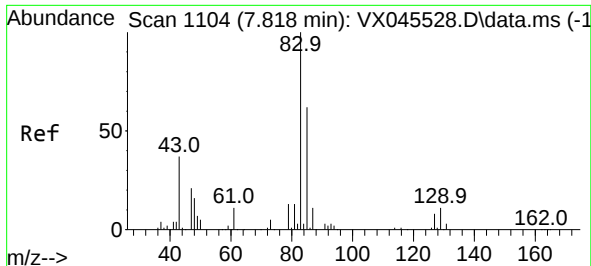
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#46
Dibromomethane
Concen: 20.362 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

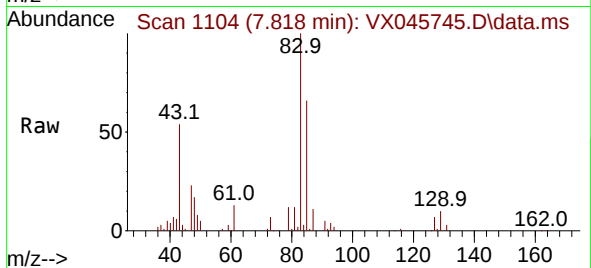
Tgt Ion: 93 Resp: 17229
Ion Ratio Lower Upper
93 100
95 82.4 64.8 97.2
174 81.0 65.4 98.0





#47
Bromodichloromethane
Concen: 19.689 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

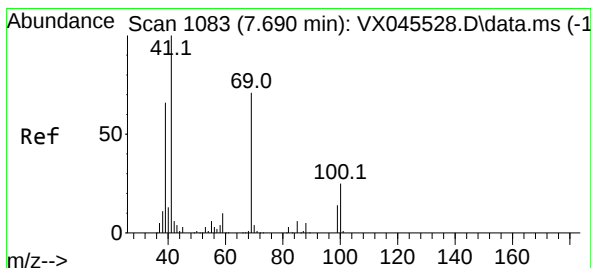
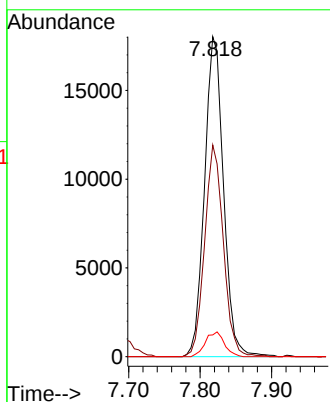
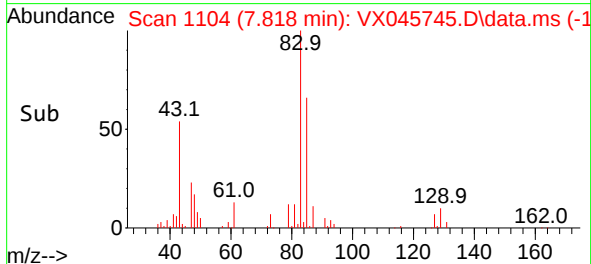
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion: 83 Resp: 3327
Ion Ratio Lower Upper
83 100
85 66.1 49.7 74.5
127 6.8 6.1 9.1

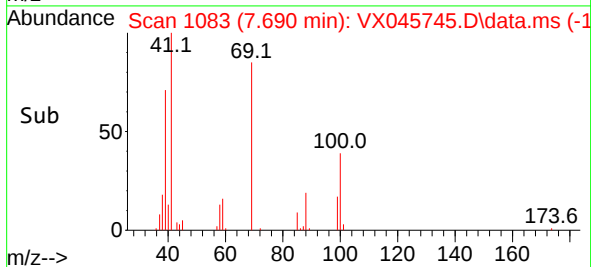
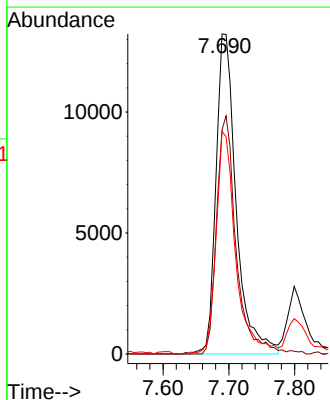
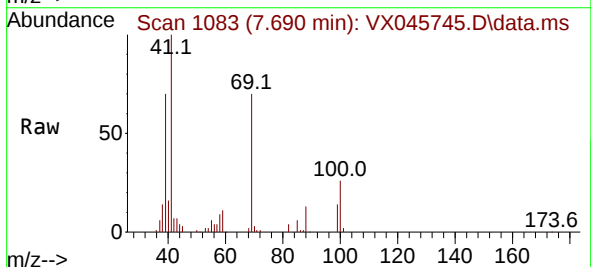
Manual Integrations
APPROVED

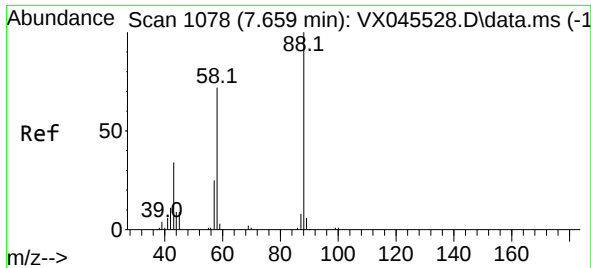
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#48
Methyl methacrylate
Concen: 19.844 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

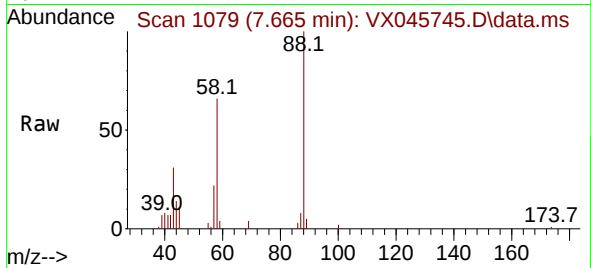
Tgt Ion: 41 Resp: 28307
Ion Ratio Lower Upper
41 100
69 71.9 58.2 87.2
39 67.3 53.6 80.4





#49
1,4-Dioxane
Concen: 422.955 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

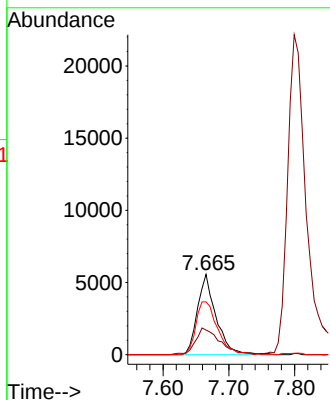
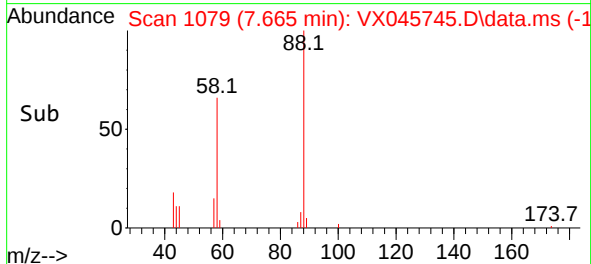
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion: 88 Resp: 10910
Ion Ratio Lower Upper
88 100
43 43.6 32.2 48.4
58 75.9 58.6 88.0

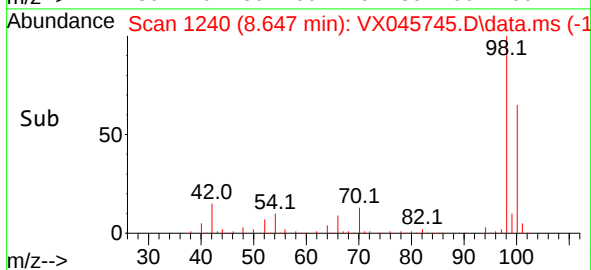
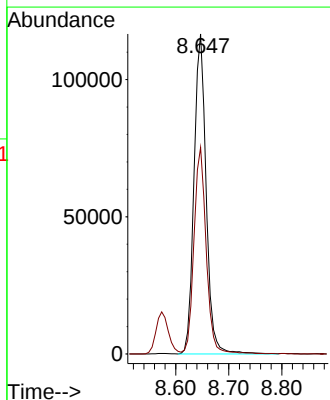
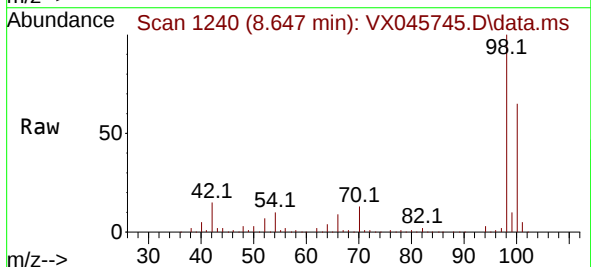
Manual Integrations
APPROVED

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



#50
Toluene-d8
Concen: 49.722 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Tgt Ion: 98 Resp: 185924
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4





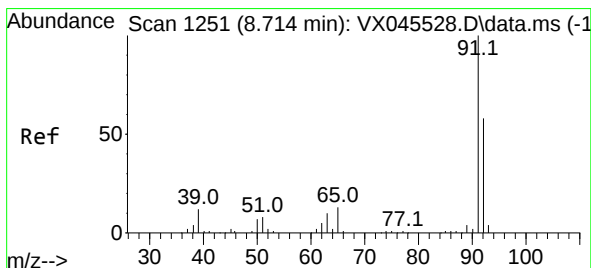
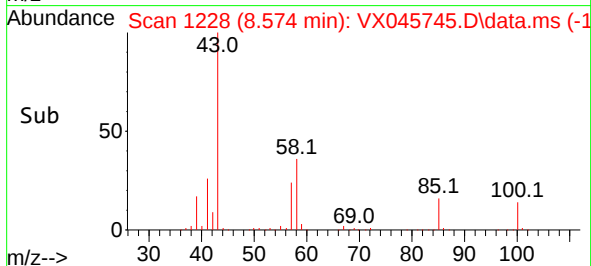
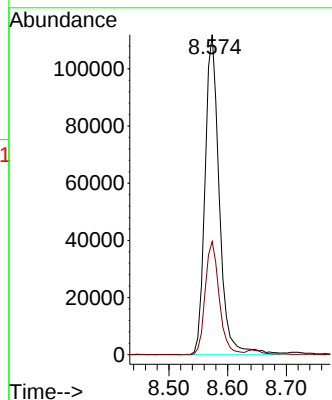
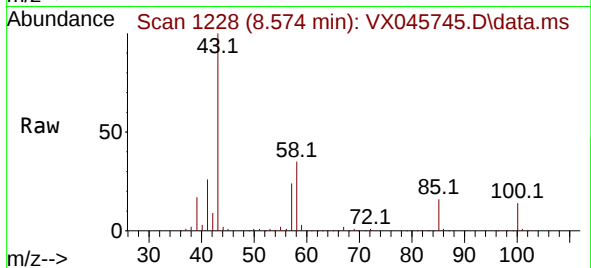
#51
4-Methyl-2-Pentanone
Concen: 103.565 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

Tgt Ion: 43 Resp: 189680
Ion Ratio Lower Upper
43 100
58 34.7 28.5 42.7

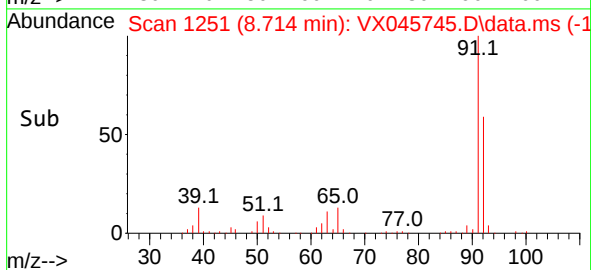
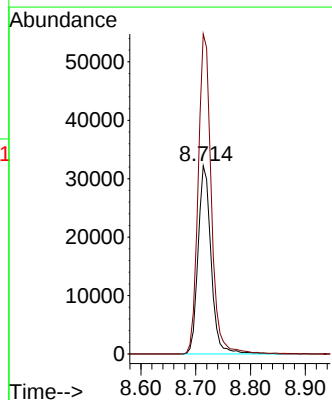
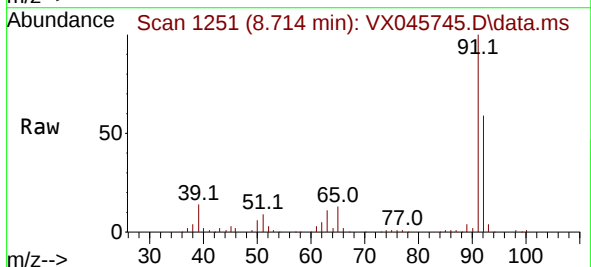
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 19.919 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Tgt Ion: 92 Resp: 53248
Ion Ratio Lower Upper
92 100
91 171.8 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 17.601 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

Tgt Ion: 75 Resp: 26075

Ion Ratio Lower Upper

75 100

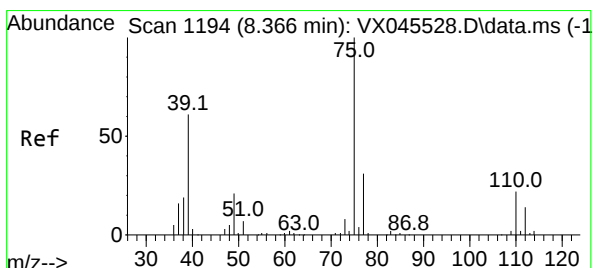
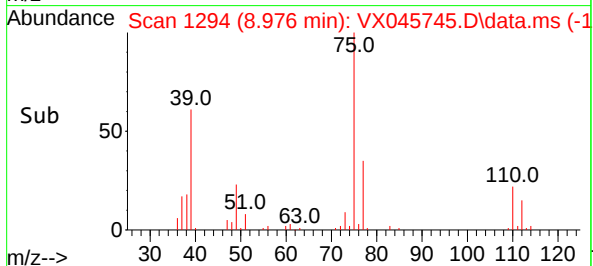
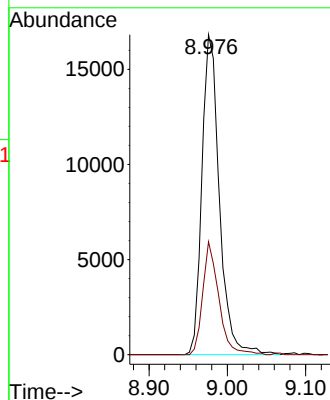
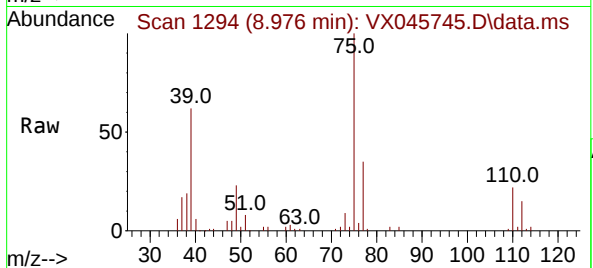
77 35.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#54

cis-1,3-Dichloropropene

Concen: 19.581 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

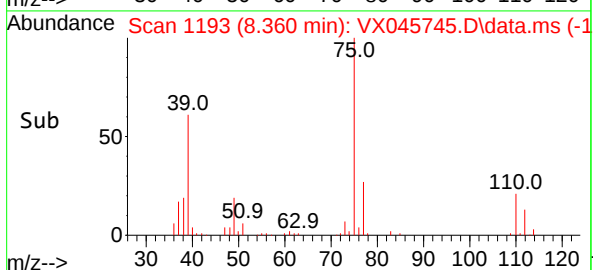
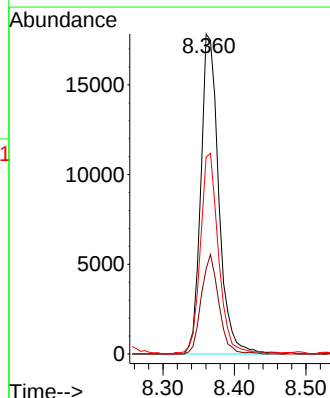
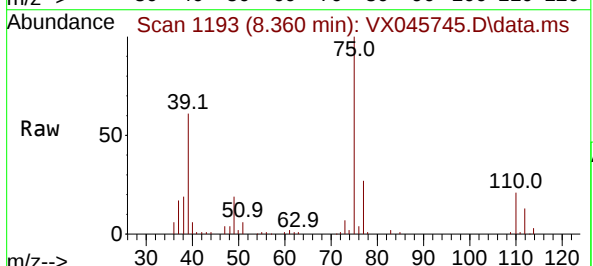
Tgt Ion: 75 Resp: 31093

Ion Ratio Lower Upper

75 100

77 26.6 24.6 36.8

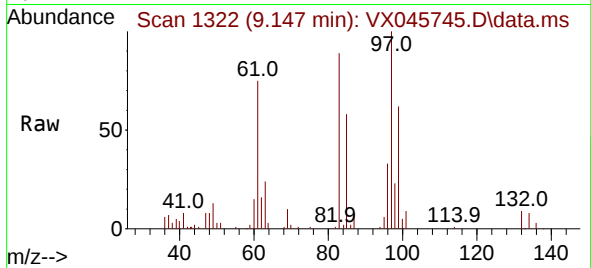
39 61.1 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 20.713 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

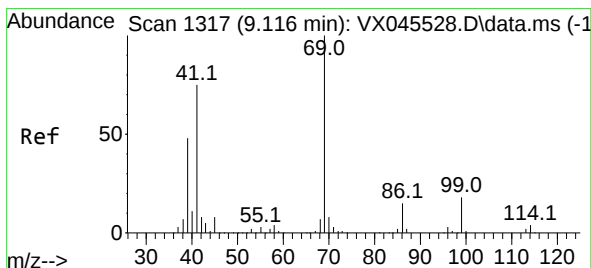
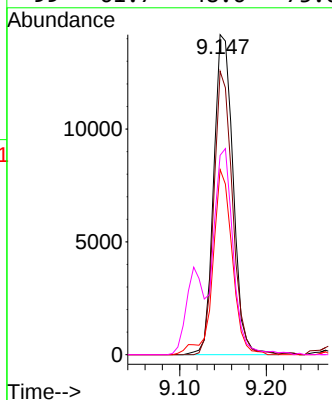
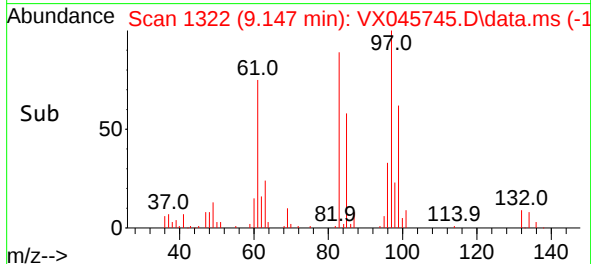
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



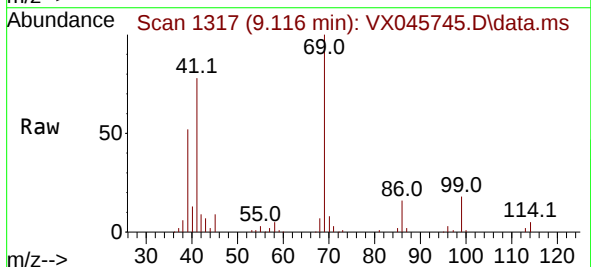
Tgt Ion: 97 Resp: 22064
Ion Ratio Lower Upper
97 100
83 88.5 71.8 107.8
85 57.8 47.0 70.6
99 61.7 48.6 73.0

Manual Integrations
APPROVED

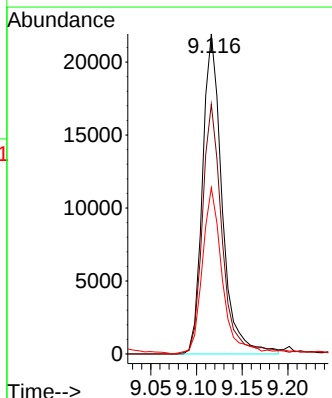
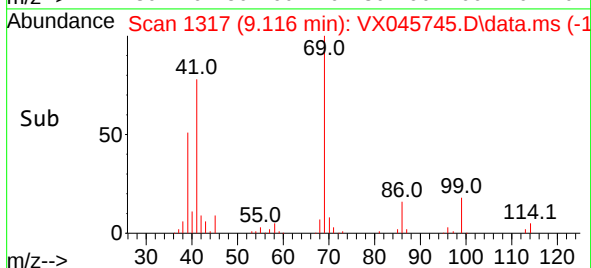
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

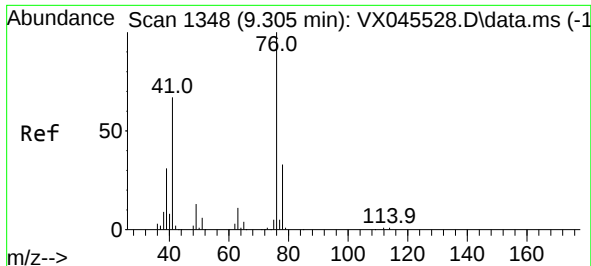


#56
Ethyl methacrylate
Concen: 19.818 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37



Tgt Ion: 69 Resp: 32671
Ion Ratio Lower Upper
69 100
41 78.4 61.3 91.9
39 52.7 40.2 60.2





#57

1,3-Dichloropropane

Concen: 20.376 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

Tgt Ion: 76 Resp: 3779

Ion Ratio Lower Upper

76 100

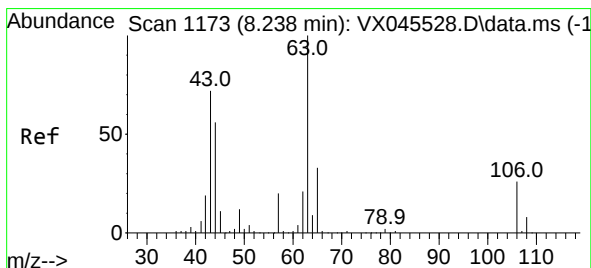
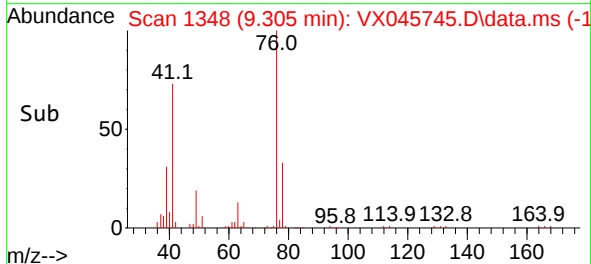
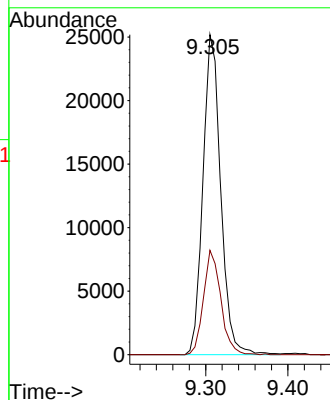
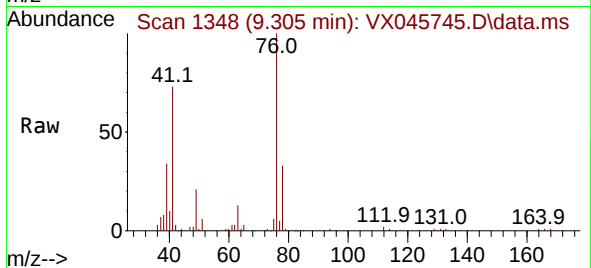
78 31.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 97.261 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045745.D

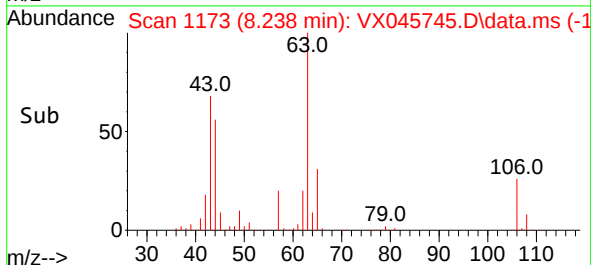
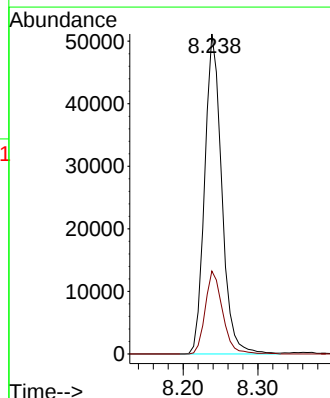
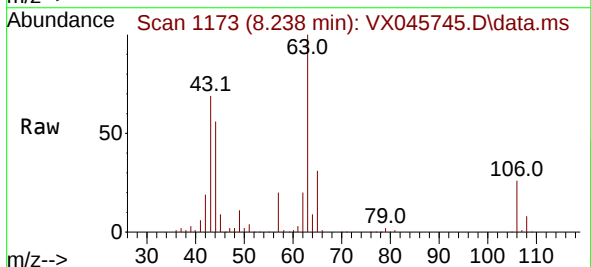
Acq: 11 Apr 2025 16:37

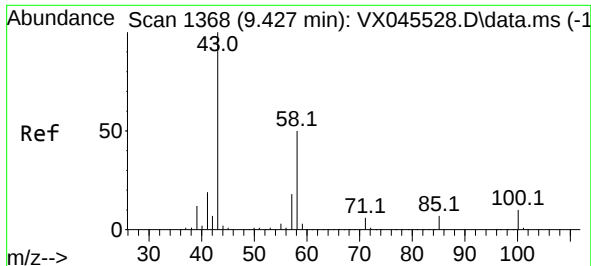
Tgt Ion: 63 Resp: 81111

Ion Ratio Lower Upper

63 100

106 26.3 21.0 31.6





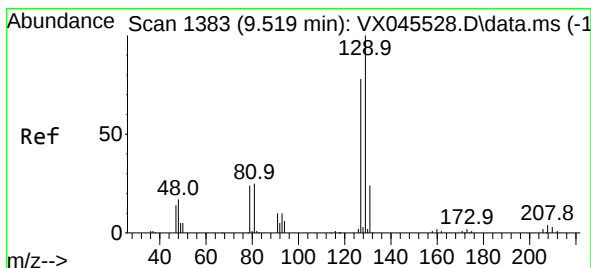
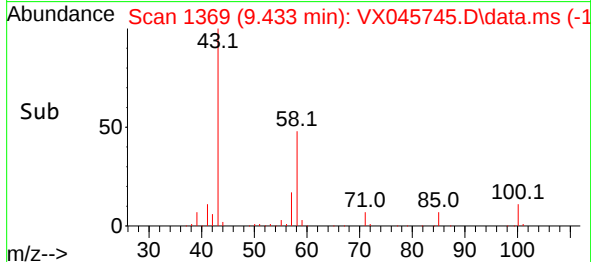
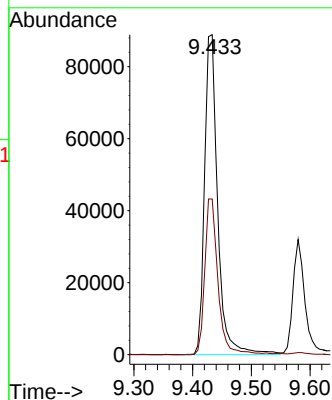
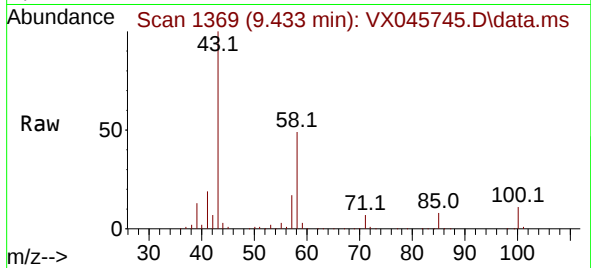
#59
2-Hexanone
Concen: 102.073 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

Tgt Ion: 43 Resp: 138439
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6

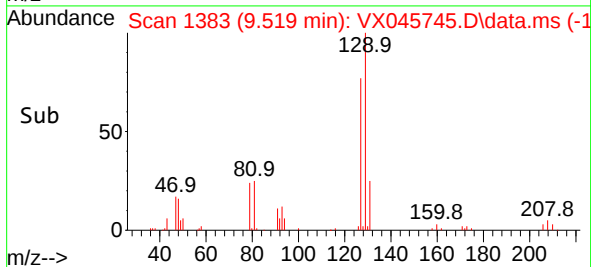
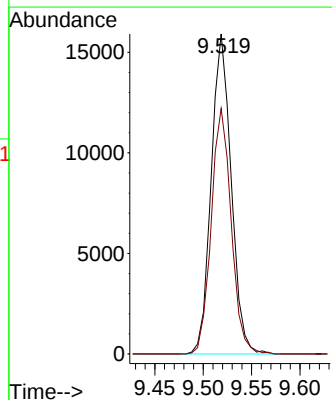
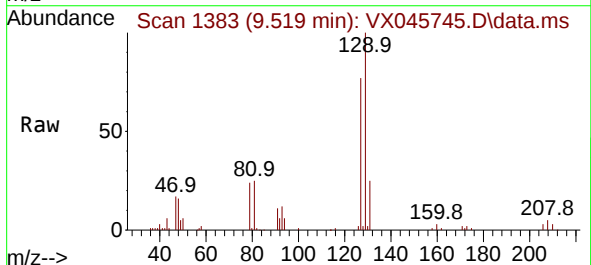
Manual Integrations
APPROVED

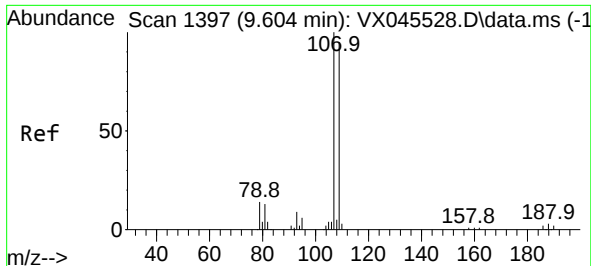
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#60
Dibromochloromethane
Concen: 19.650 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

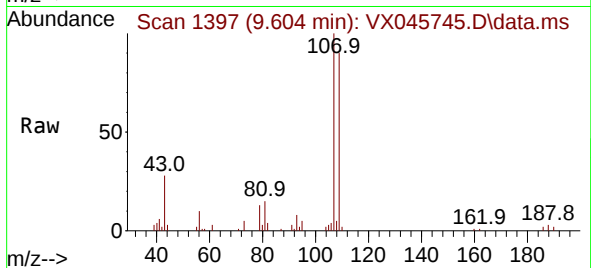
Tgt Ion:129 Resp: 22819
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.824 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

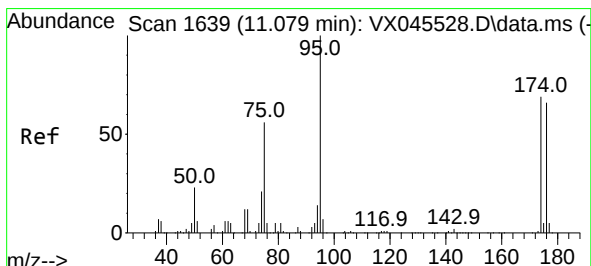
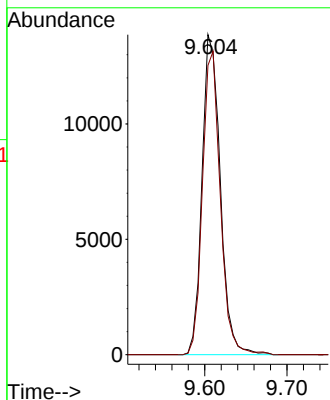
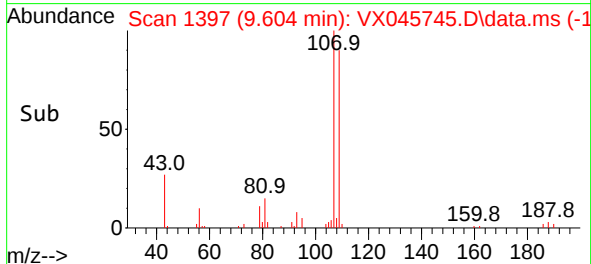
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



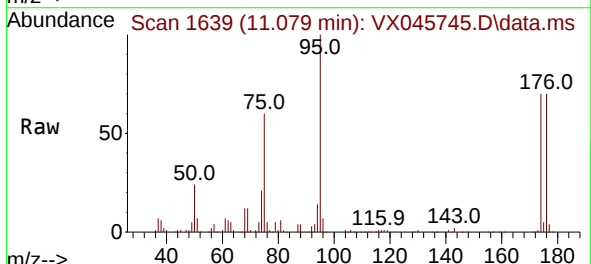
Tgt Ion:107 Resp: 2137
Ion Ratio Lower Upper
107 100
109 92.7 75.7 113.5

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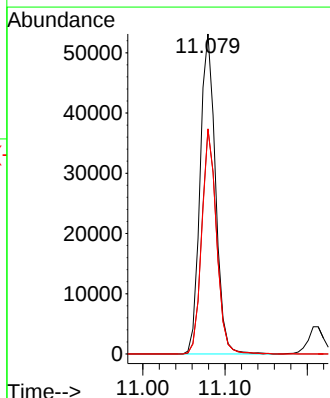
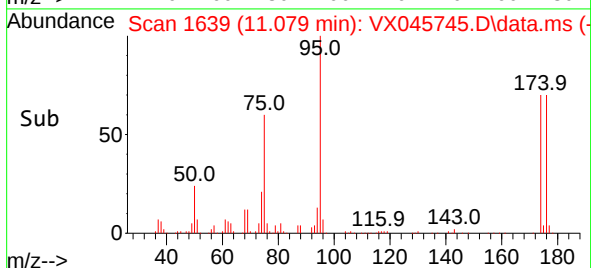
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#62
4-Bromofluorobenzene
Concen: 50.668 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37



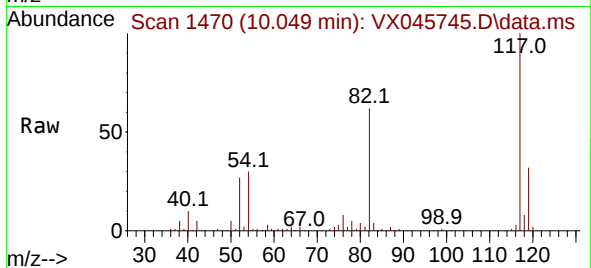
Tgt Ion: 95 Resp: 69012
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 67.1 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

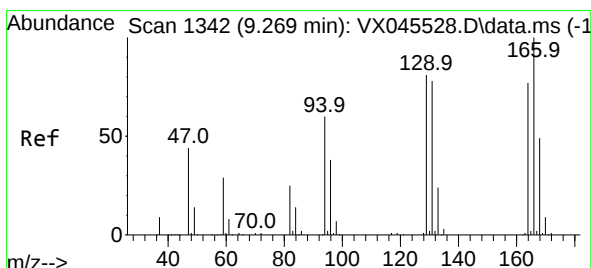
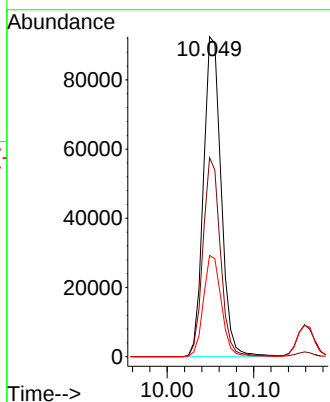
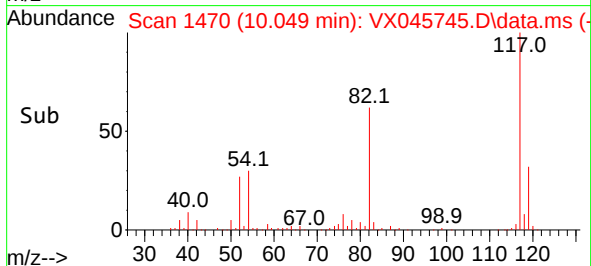
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion:117 Resp: 131509
Ion Ratio Lower Upper
117 100
82 62.2 49.2 73.8
119 31.6 25.1 37.7

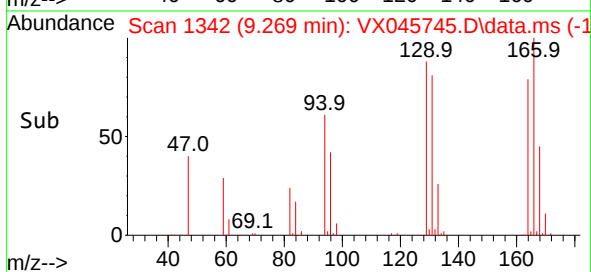
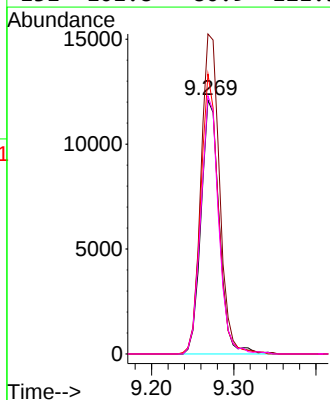
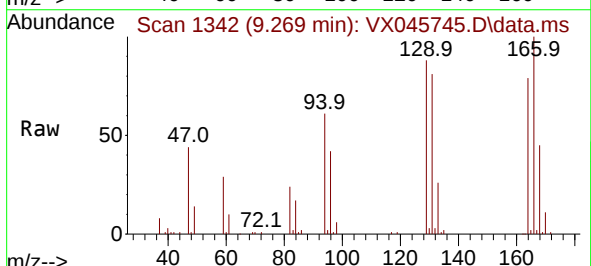
Manual Integrations
APPROVED

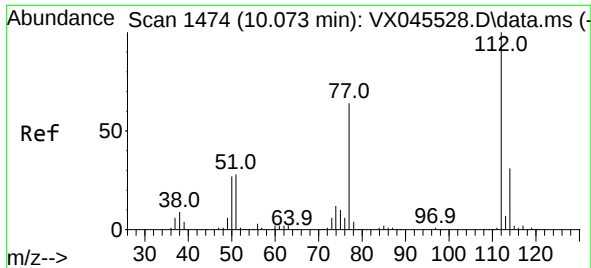
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#64
Tetrachloroethene
Concen: 19.994 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Tgt Ion:164 Resp: 18564
Ion Ratio Lower Upper
164 100
166 126.1 103.8 155.8
129 110.4 84.3 126.5
131 101.8 80.9 121.3





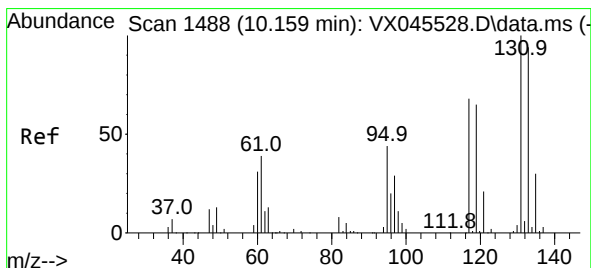
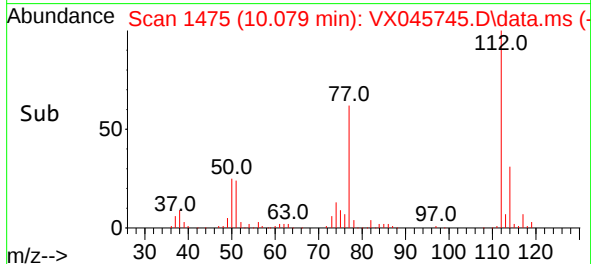
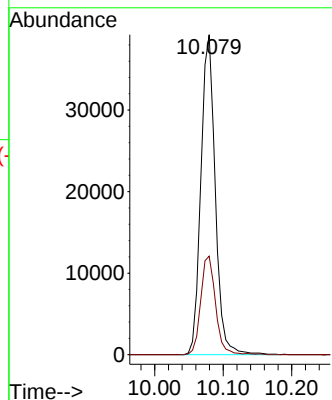
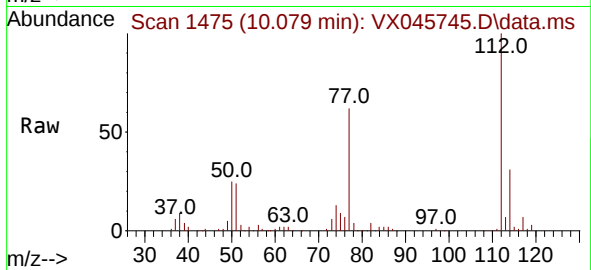
#65
Chlorobenzene
Concen: 20.401 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

Tgt Ion:112 Resp: 57329
Ion Ratio Lower Upper
112 100
114 30.8 24.7 37.1

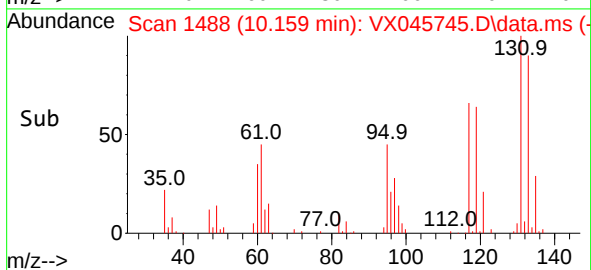
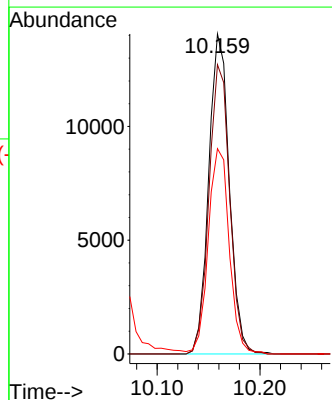
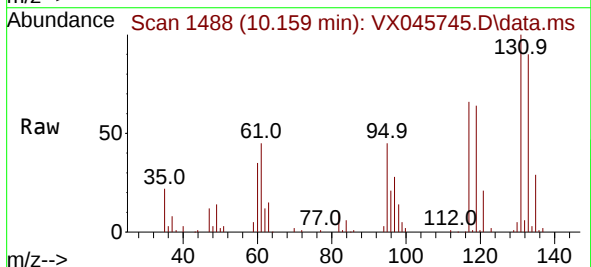
Manual Integrations
APPROVED

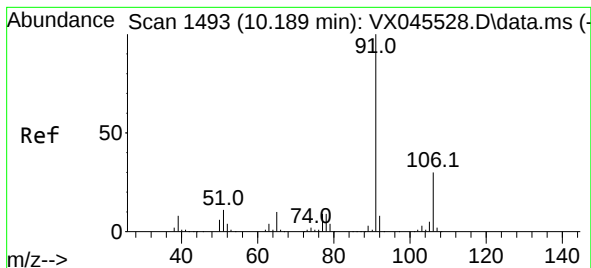
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.090 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Tgt Ion:131 Resp: 19600
Ion Ratio Lower Upper
131 100
133 91.1 47.5 142.5
119 65.4 32.9 98.6





#67

Ethyl Benzene

Concen: 20.050 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

Tgt Ion: 91 Resp: 100909

Ion Ratio Lower Upper

91 100

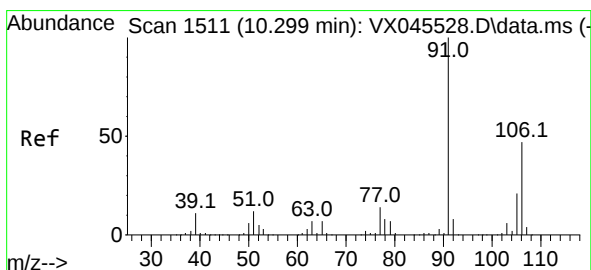
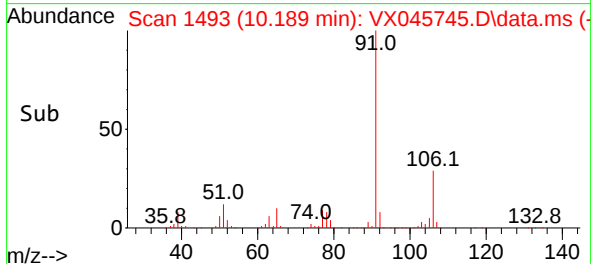
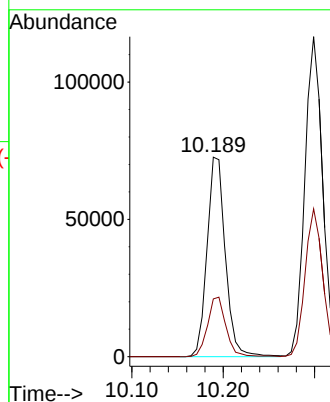
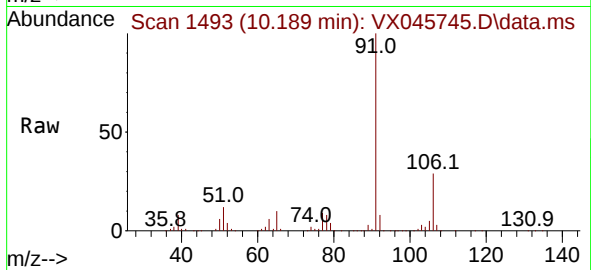
106 29.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#68

m/p-Xylenes

Concen: 40.748 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045745.D

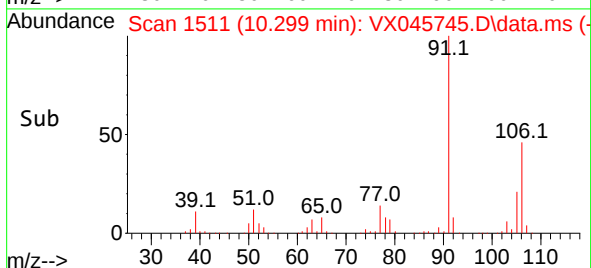
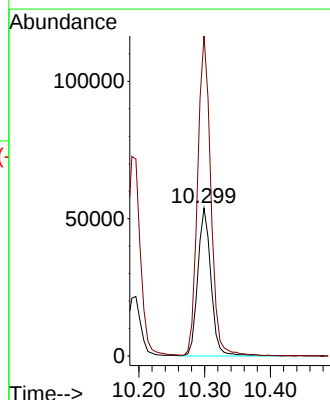
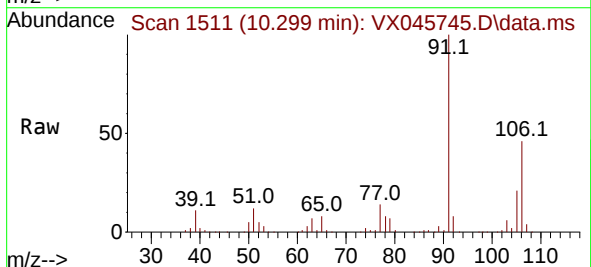
Acq: 11 Apr 2025 16:37

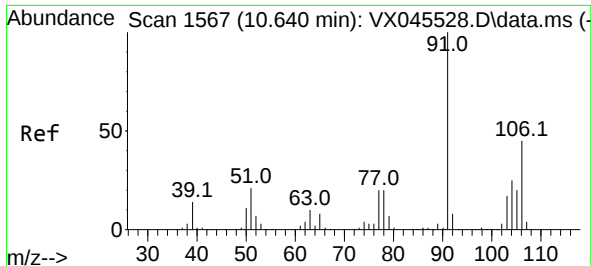
Tgt Ion:106 Resp: 74591

Ion Ratio Lower Upper

106 100

91 217.0 172.6 258.8





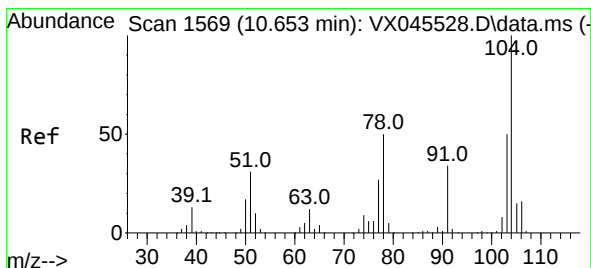
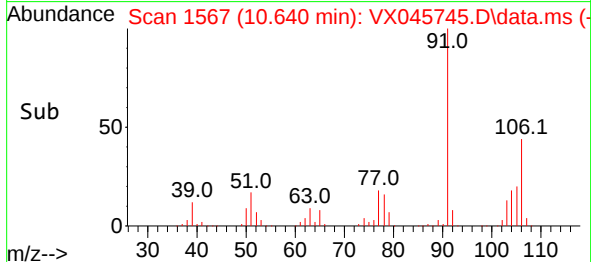
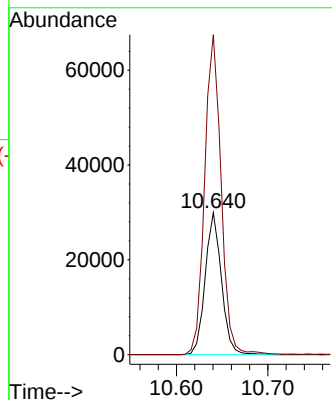
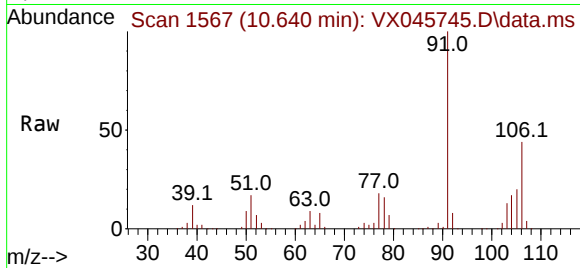
#69
o-Xylene
Concen: 20.531 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

Tgt Ion:106 Resp: 3702
Ion Ratio Lower Upper
106 100
91 229.1 113.6 340.6

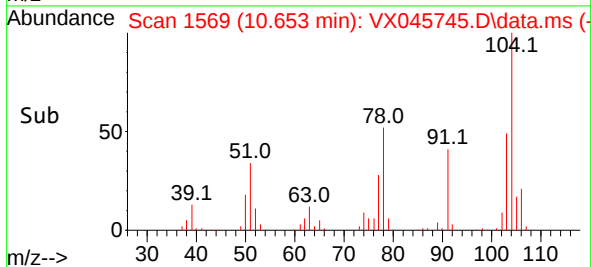
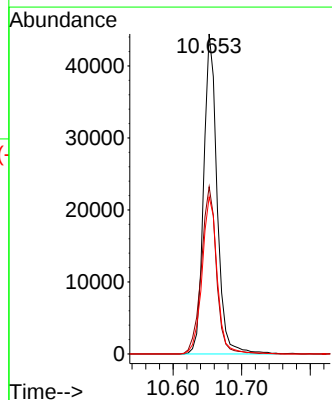
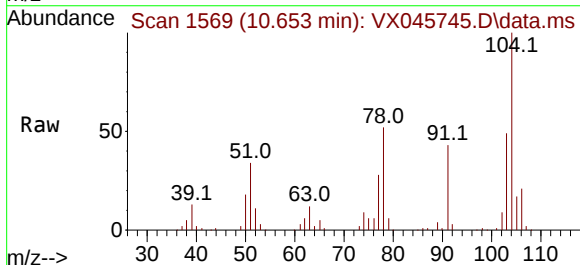
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 20.424 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Tgt Ion:104 Resp: 60787
Ion Ratio Lower Upper
104 100
78 58.6 45.4 68.2
103 55.0 43.8 65.8





#71

Bromoform

Concen: 18.639 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

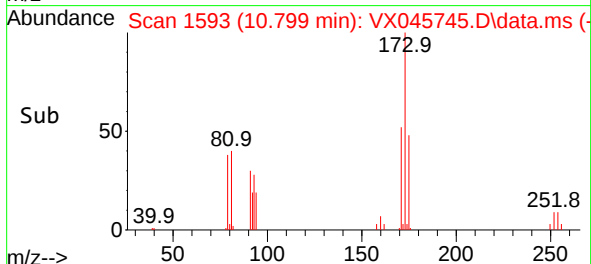
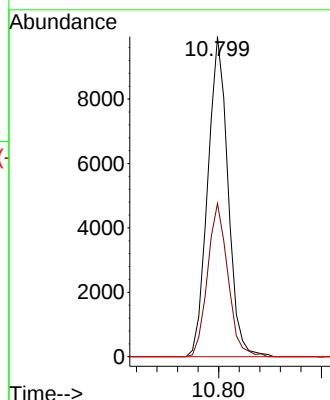
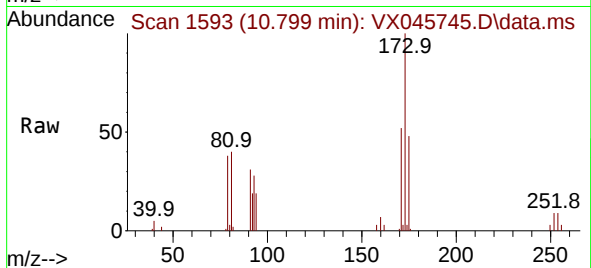
Tgt Ion:	173	Resp:	13578
Ion Ratio	Lower	Upper	
173	100		
175	48.1	23.4	70.2
254	0.0	0.0	0.0

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

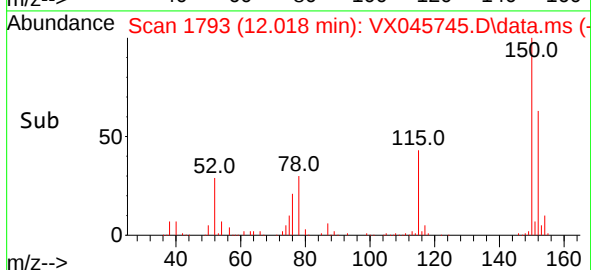
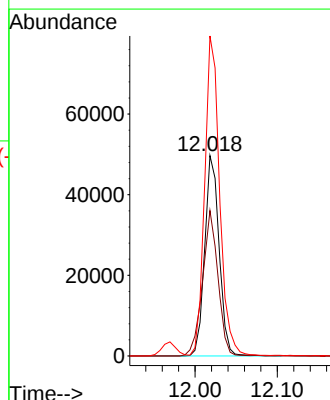
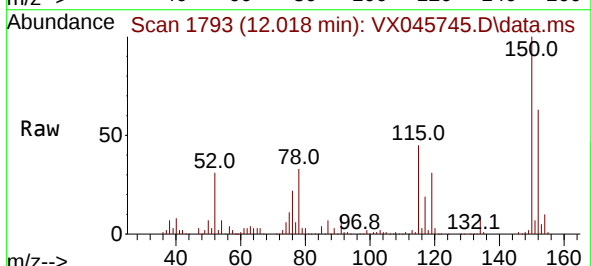
RT: 12.018 min Scan# 1793

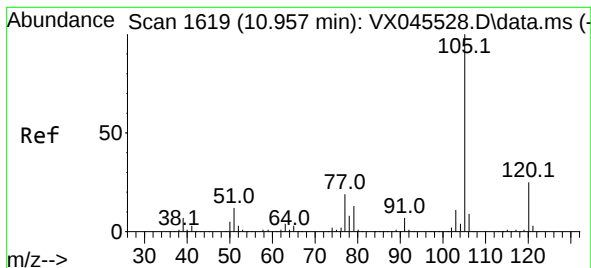
Delta R.T. -0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

Tgt Ion:	152	Resp:	60563
Ion Ratio	Lower	Upper	
152	100		
115	77.4	46.9	140.7
150	164.8	0.0	349.4





#73

Isopropylbenzene

Concen: 19.985 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

Tgt Ion:105 Resp: 96950

Ion Ratio Lower Upper

105 100

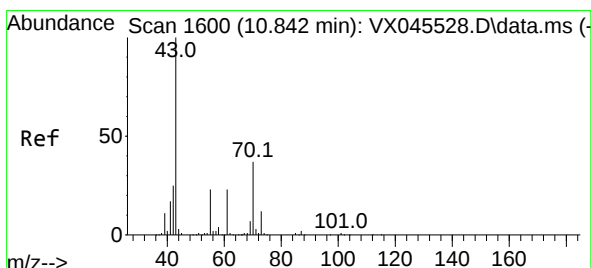
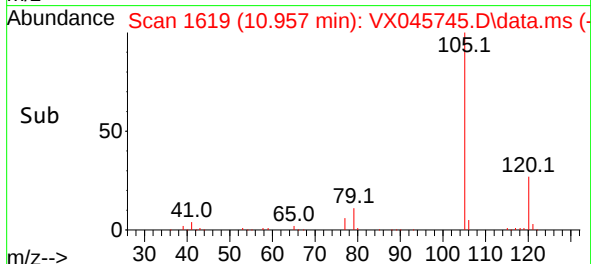
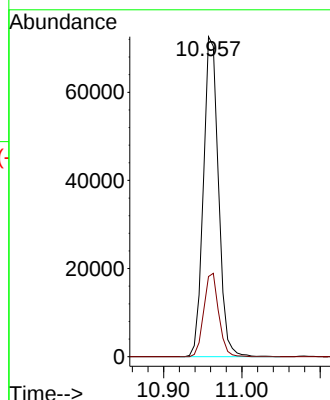
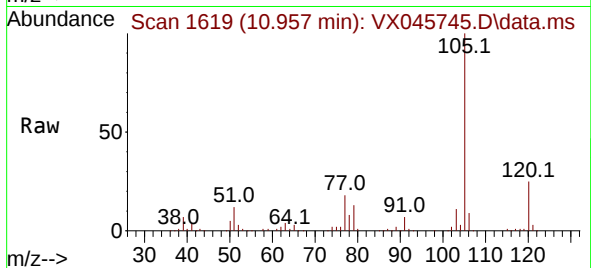
120 25.7 12.7 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#74

N-ethyl acetate

Concen: 20.117 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

Tgt Ion: 43 Resp: 46683

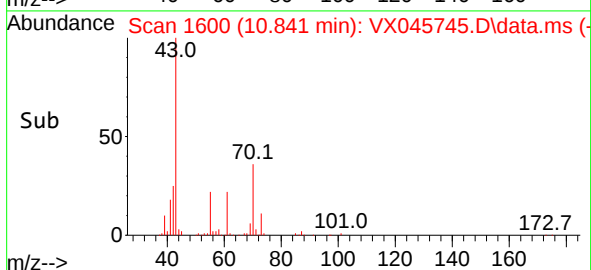
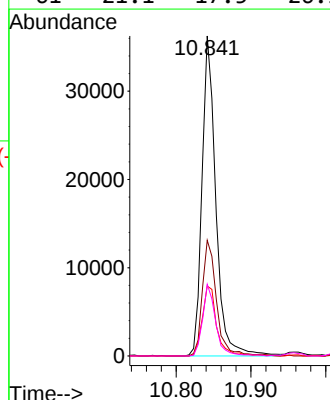
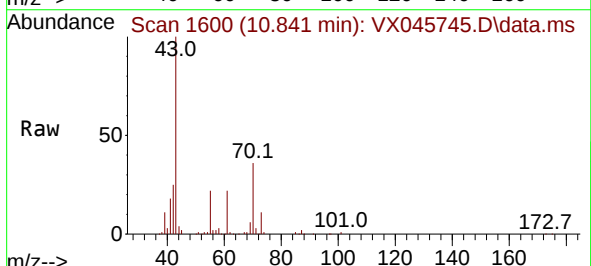
Ion Ratio Lower Upper

43 100

70 37.2 30.1 45.1

55 23.1 18.3 27.5

61 21.1 17.5 26.3





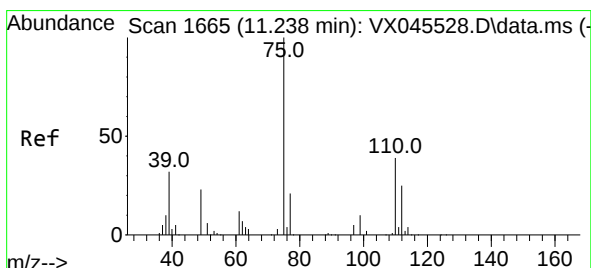
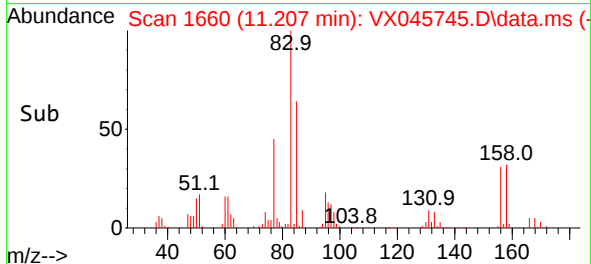
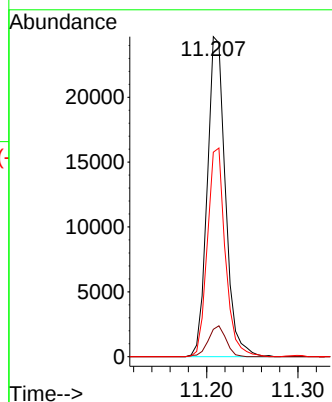
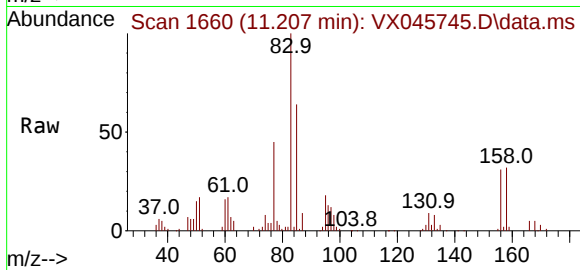
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.908 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX045745.D
 Acq: 11 Apr 2025 16:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01

Tgt Ion: 83 Resp: 33920
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.7 14.1
 85 64.3 32.4 97.2

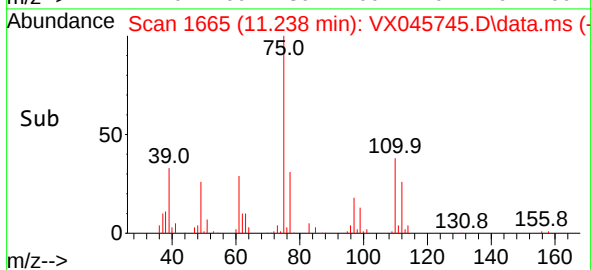
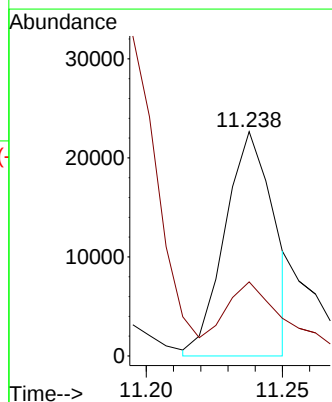
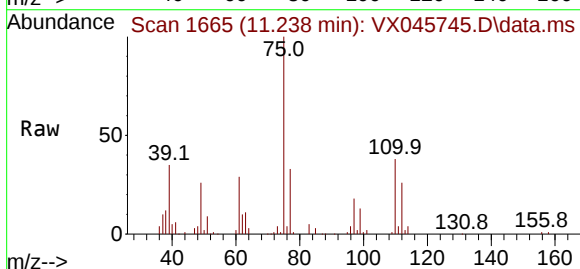
Manual Integrations
 APPROVED

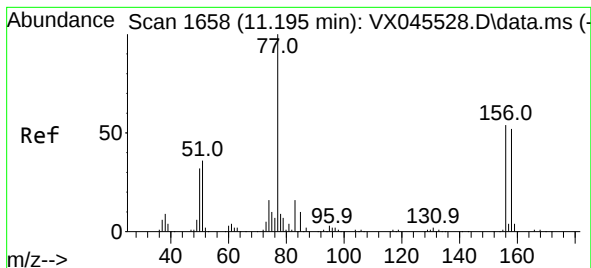
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#76
 1,2,3-Trichloropropane
 Concen: 19.271 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045745.D
 Acq: 11 Apr 2025 16:37

Tgt Ion: 75 Resp: 28469
 Ion Ratio Lower Upper
 75 100
 77 41.9 20.0 59.9





#77

Bromobenzene

Concen: 20.058 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

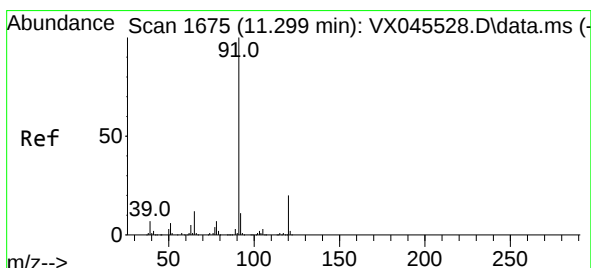
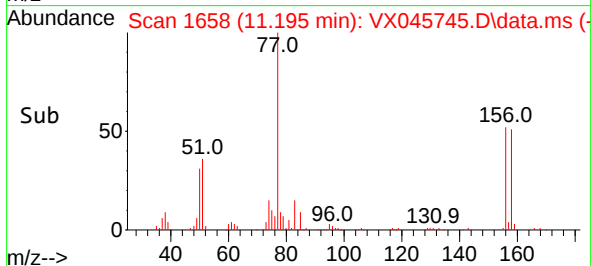
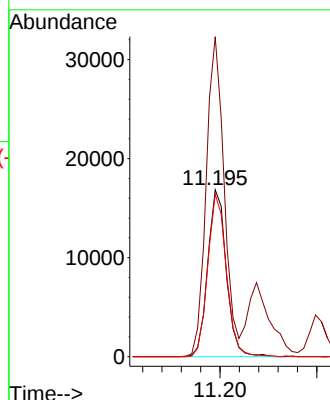
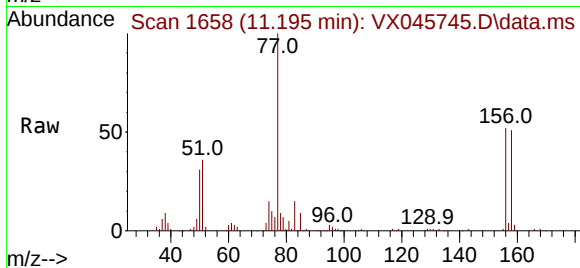
Tgt Ion:156 Resp: 2248
 Ion Ratio Lower Upper
 156 100
 77 185.2 92.6 277.8
 158 98.2 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#78

n-propylbenzene

Concen: 20.378 ug/l

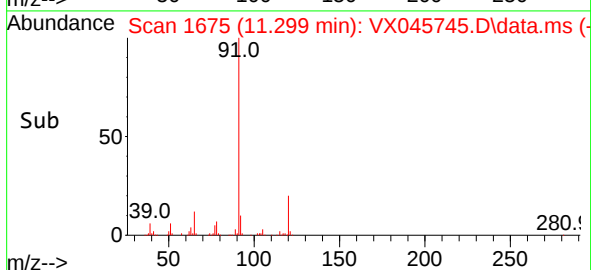
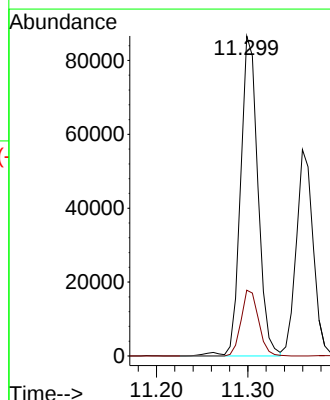
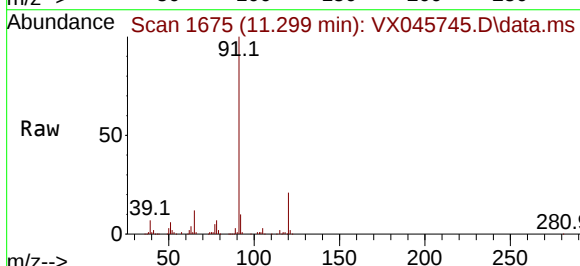
RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

Tgt Ion: 91 Resp: 113864
 Ion Ratio Lower Upper
 91 100
 120 20.6 10.8 32.3





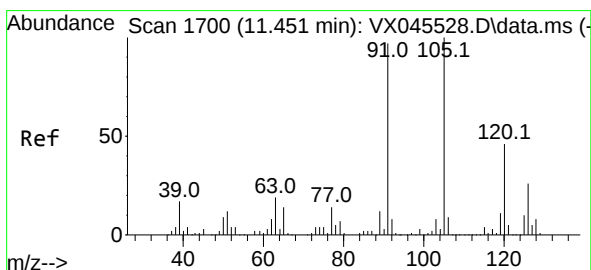
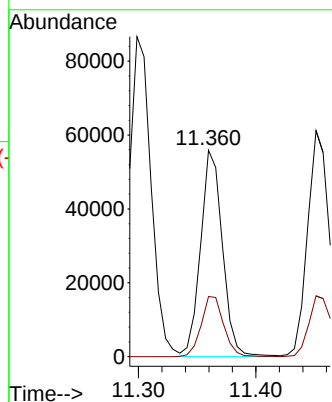
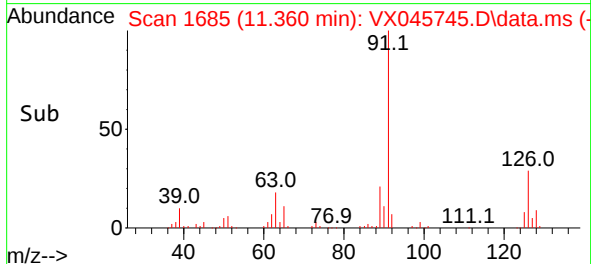
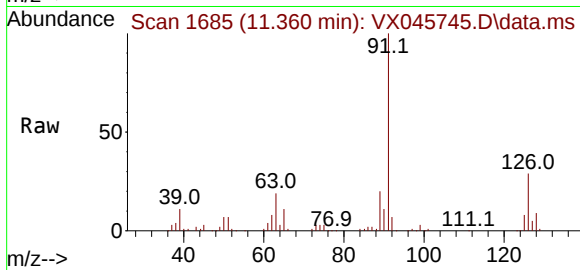
#79
2-Chlorotoluene
Concen: 20.174 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01

Tgt Ion: 91 Resp: 7206
Ion Ratio Lower Upper
91 100
126 30.1 15.8 47.4

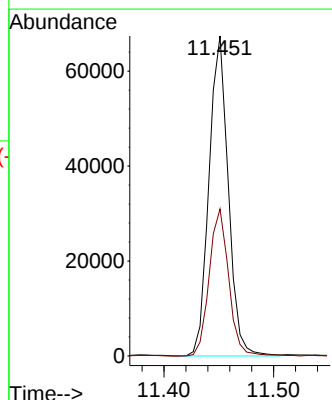
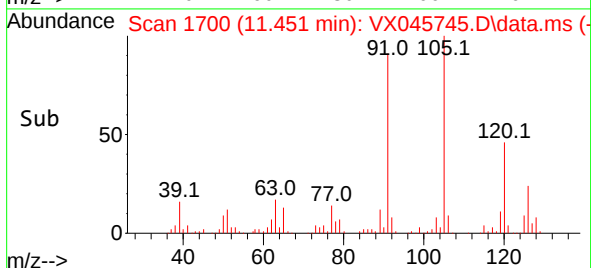
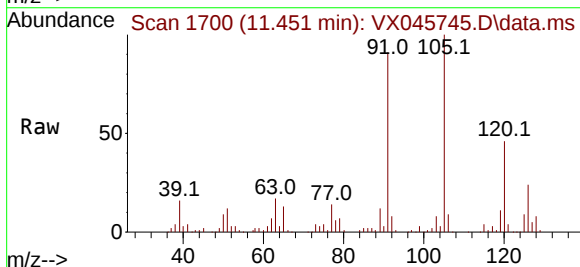
Manual Integrations
APPROVED

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



#80
1,3,5-Trimethylbenzene
Concen: 20.542 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

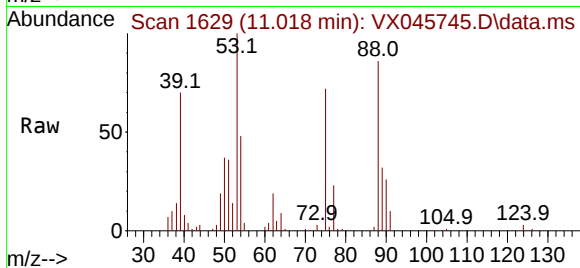
Tgt Ion:105 Resp: 82406
Ion Ratio Lower Upper
105 100
120 46.5 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 16.776 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

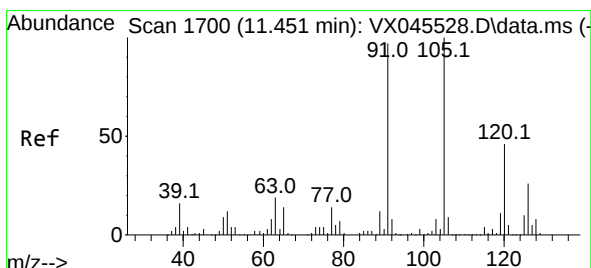
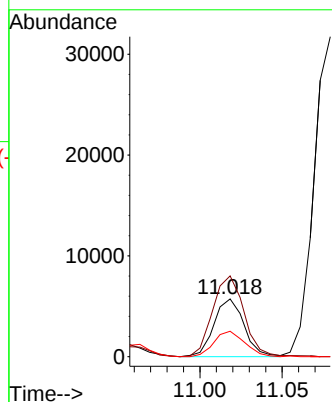
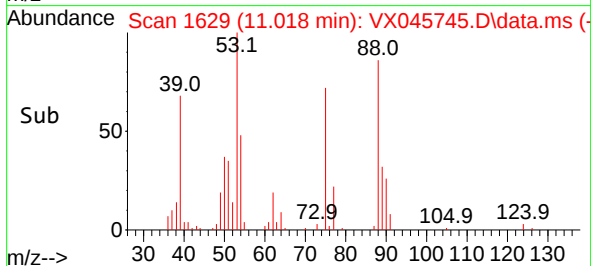
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



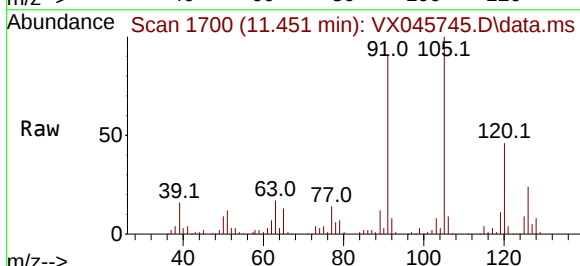
Tgt Ion: 75 Resp: 7302
Ion Ratio Lower Upper
75 100
53 146.6 101.8 152.6
89 45.4 37.2 55.8

Manual Integrations
APPROVED

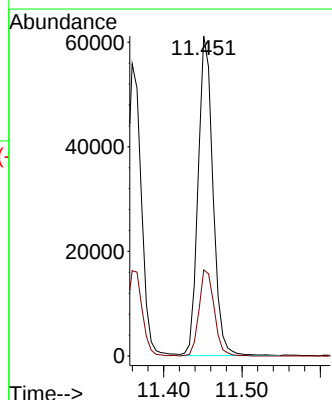
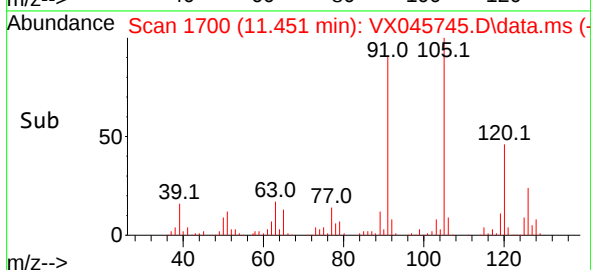
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

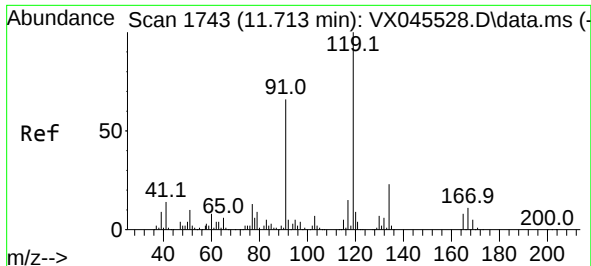


#82
4-Chlorotoluene
Concen: 20.209 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37



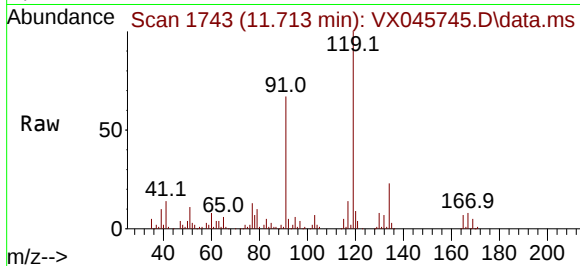
Tgt Ion: 91 Resp: 80489
Ion Ratio Lower Upper
91 100
126 27.6 13.3 39.9





#83
tert-Butylbenzene
Concen: 20.443 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

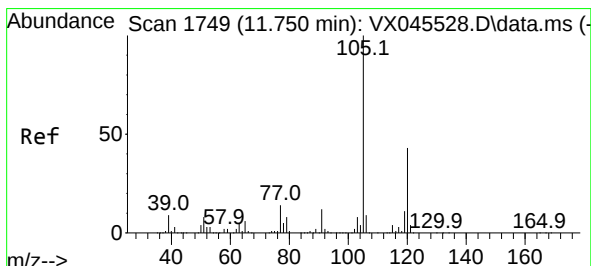
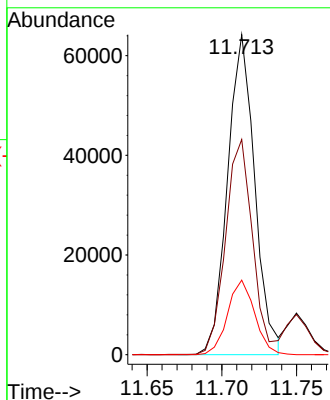
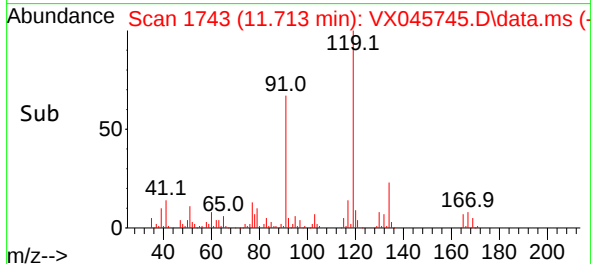
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



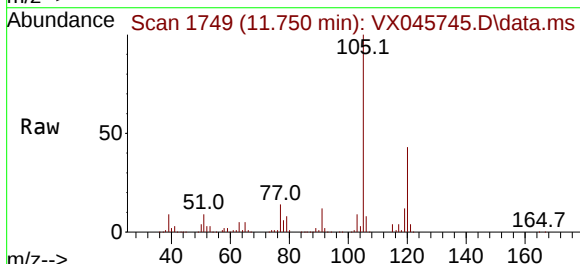
Tgt Ion:119 Resp: 8119
Ion Ratio Lower Upper
119 100
91 67.4 32.4 97.2
134 23.3 11.5 34.5

Manual Integrations
APPROVED

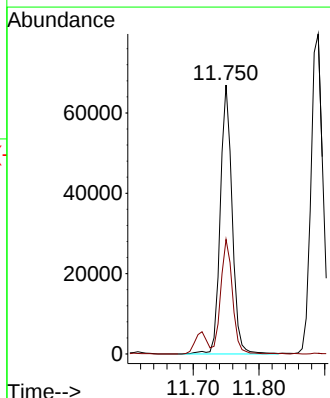
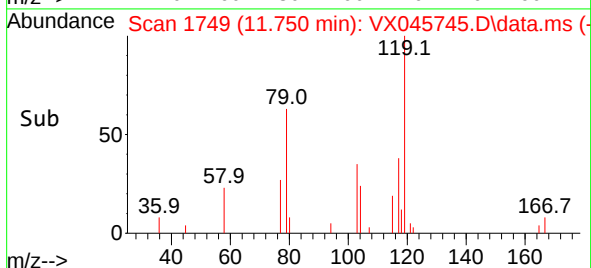
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.787 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37



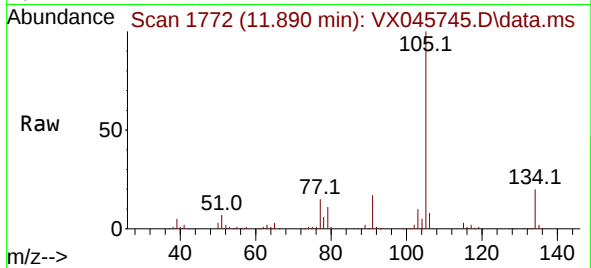
Tgt Ion:105 Resp: 83696
Ion Ratio Lower Upper
105 100
120 42.0 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 20.626 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045745.D
 Acq: 11 Apr 2025 16:37

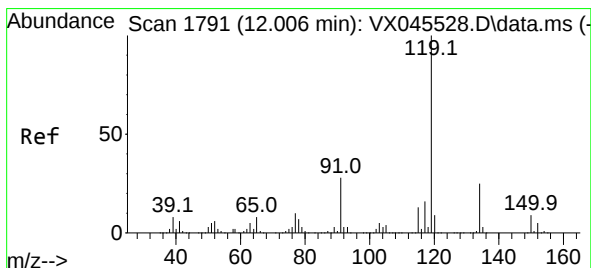
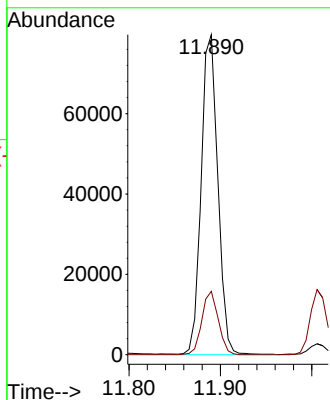
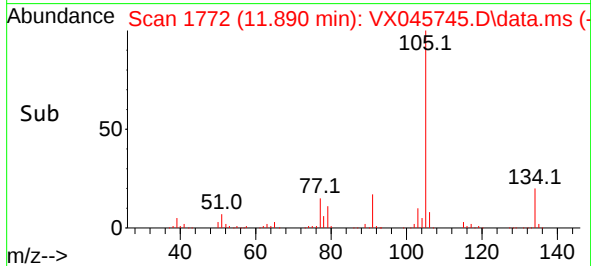
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411MBS01



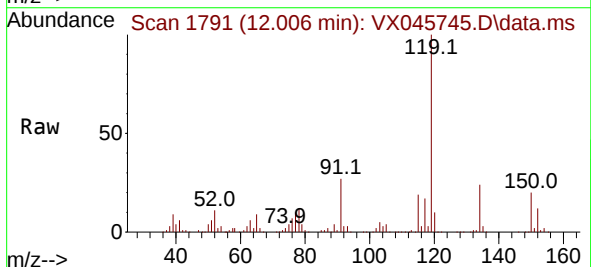
Tgt Ion:105 Resp: 100614
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6

Manual Integrations
 APPROVED

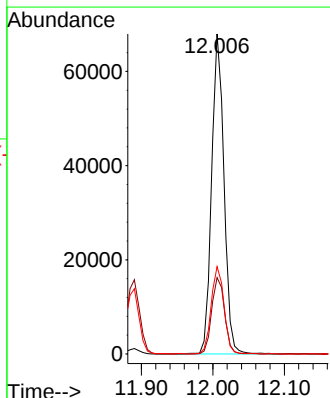
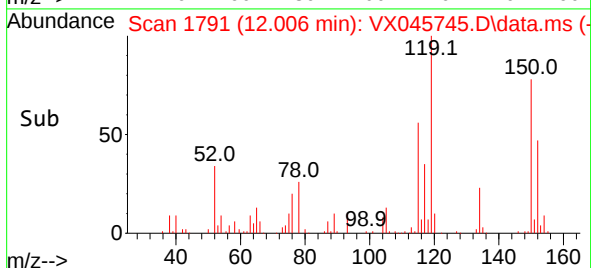
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025

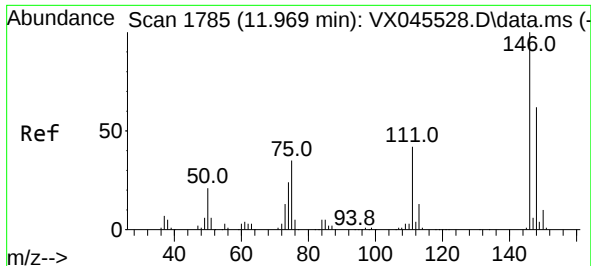


#86
 p-Isopropyltoluene
 Concen: 20.218 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045745.D
 Acq: 11 Apr 2025 16:37



Tgt Ion:119 Resp: 81306
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 28.5 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 19.821 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

Instrument :

MSVOA_X

ClientSampleId :

VX0411MBS01

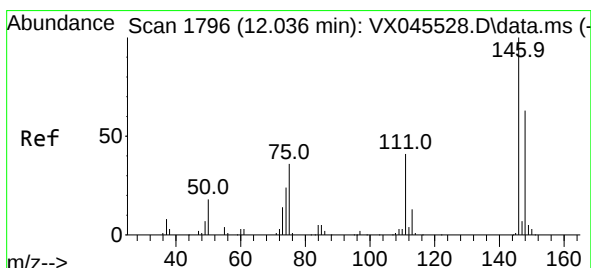
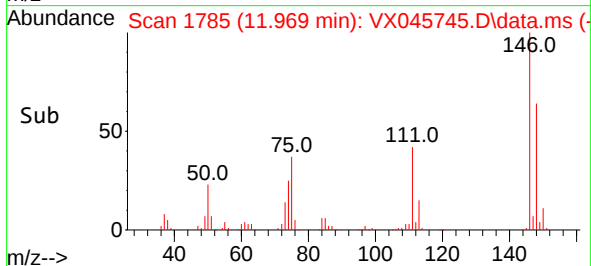
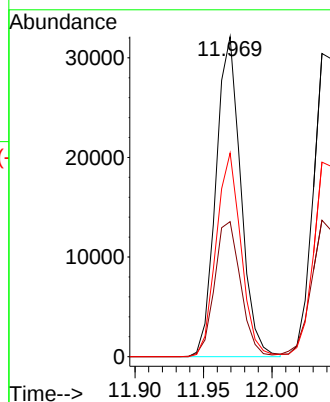
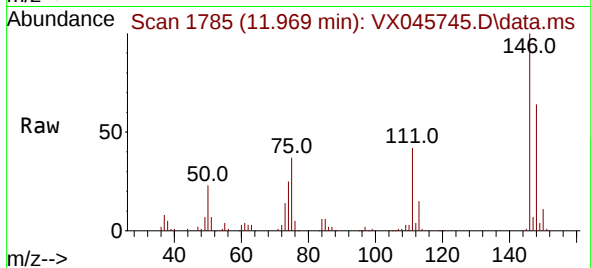
Tgt Ion:146 Resp: 4044
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.2 66.6
 148 63.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#88

1,4-Dichlorobenzene

Concen: 19.573 ug/l

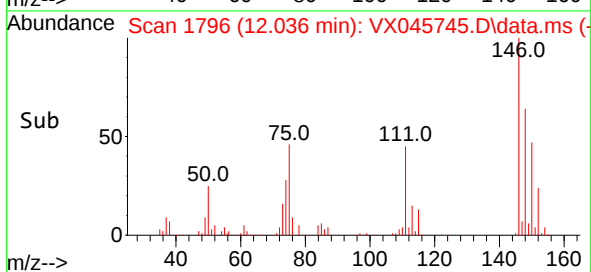
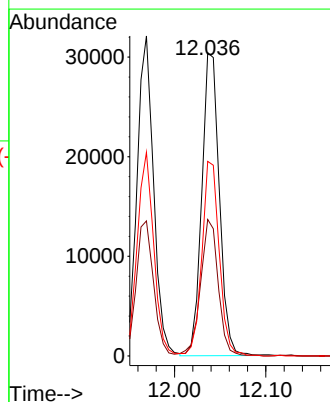
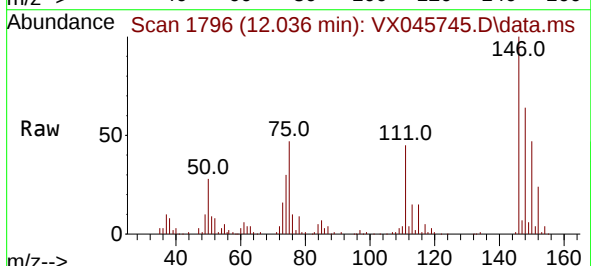
RT: 12.036 min Scan# 1796

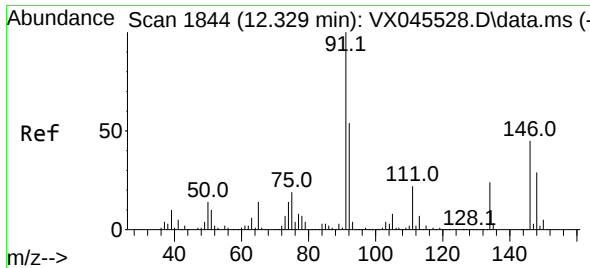
Delta R.T. 0.000 min

Lab File: VX045745.D

Acq: 11 Apr 2025 16:37

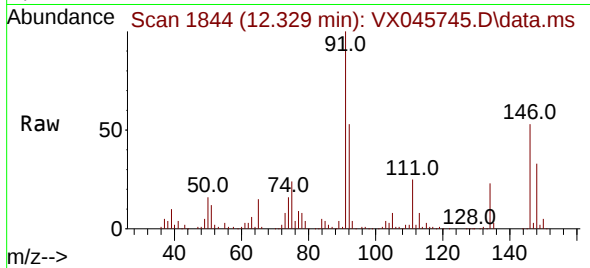
Tgt Ion:146 Resp: 40486
 Ion Ratio Lower Upper
 146 100
 111 45.7 20.9 62.8
 148 63.6 31.5 94.5





#89
n-Butylbenzene
Concen: 19.530 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

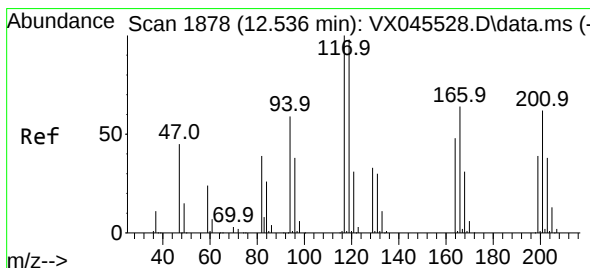
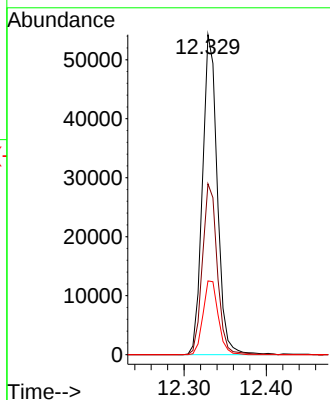
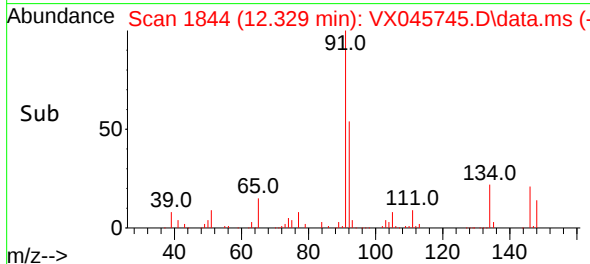
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



Tgt Ion: 91 Resp: 68109
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.6
134 23.7 11.9 35.7

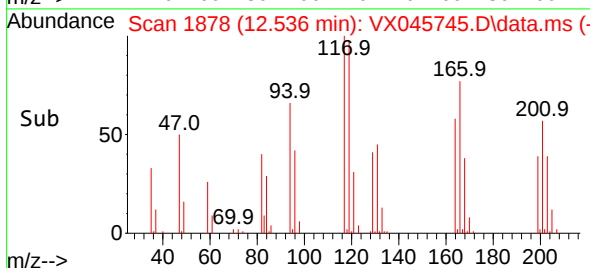
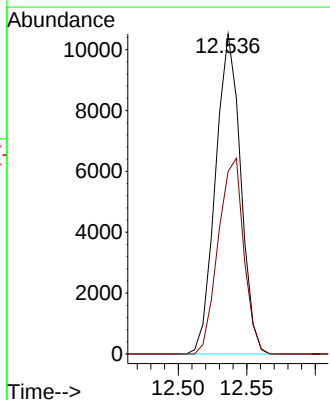
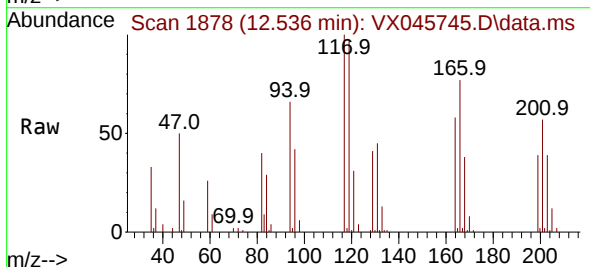
Manual Integrations
APPROVED

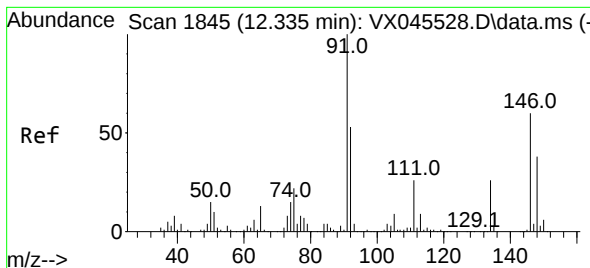
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#90
Hexachloroethane
Concen: 19.382 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

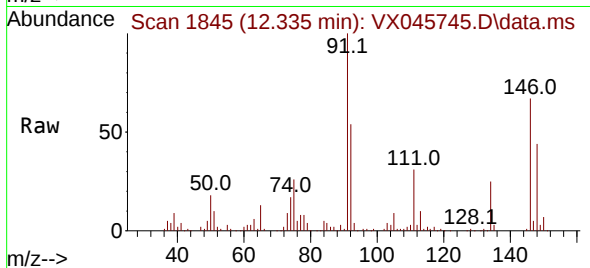
Tgt Ion:117 Resp: 13396
Ion Ratio Lower Upper
117 100
201 62.4 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 20.460 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

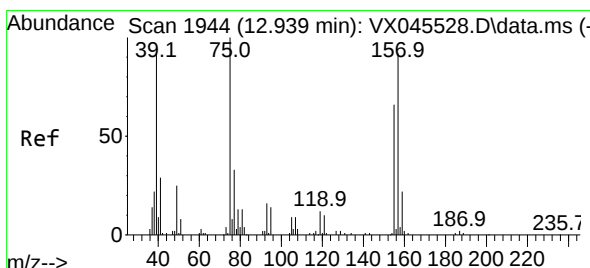
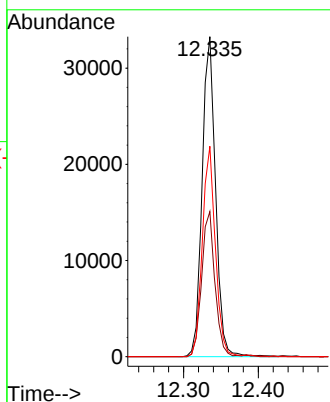
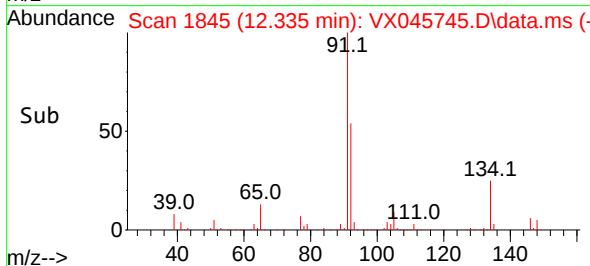
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



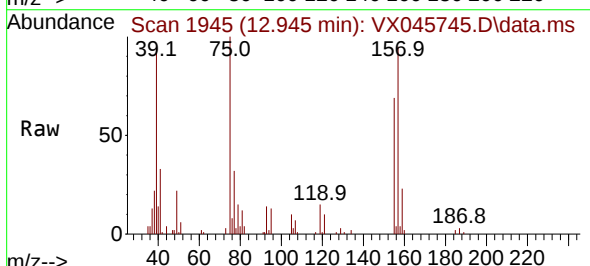
Tgt Ion:146 Resp: 4150
Ion Ratio Lower Upper
146 100
111 45.0 22.9 68.8
148 64.3 31.9 95.5

Manual Integrations
APPROVED

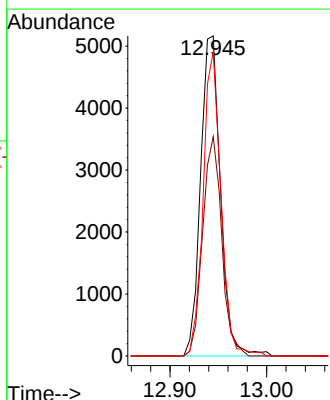
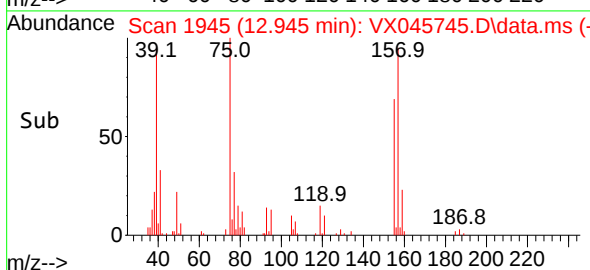
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

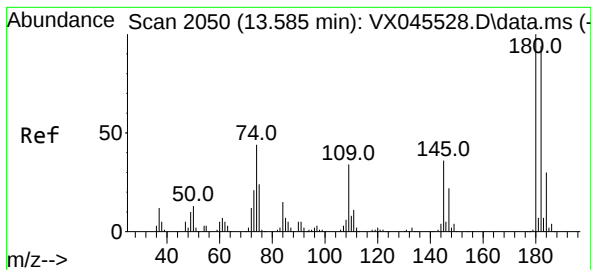


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.766 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37



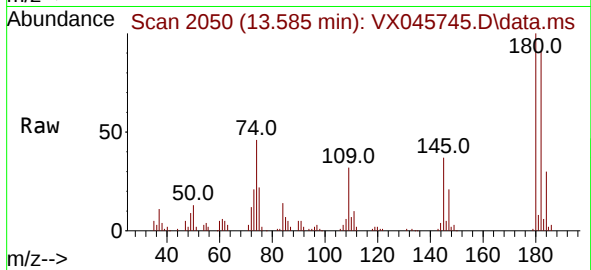
Tgt Ion: 75 Resp: 7401
Ion Ratio Lower Upper
75 100
155 65.6 34.9 104.7
157 85.3 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 19.863 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

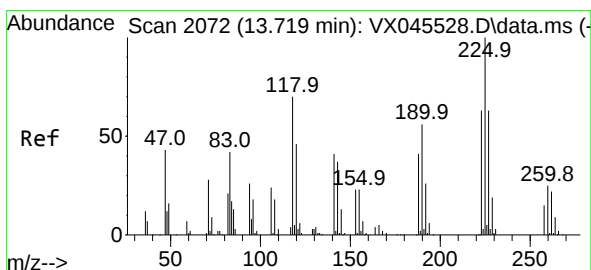
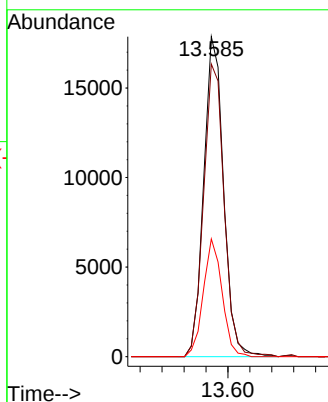
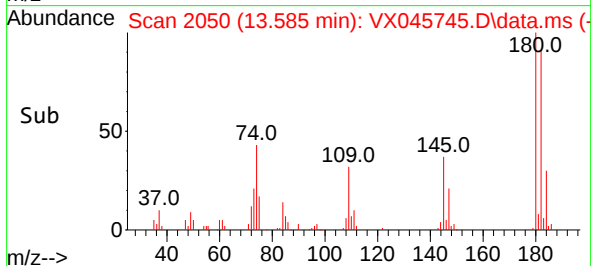
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



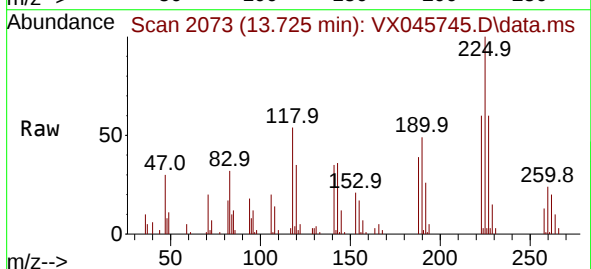
Tgt Ion:180 Resp: 22428
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.6
145 34.8 17.9 53.8

Manual Integrations
APPROVED

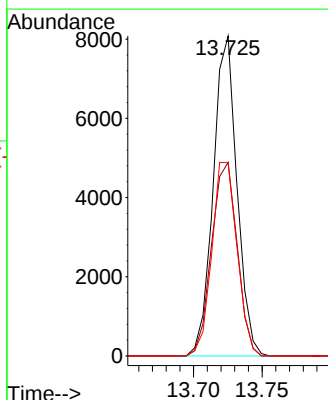
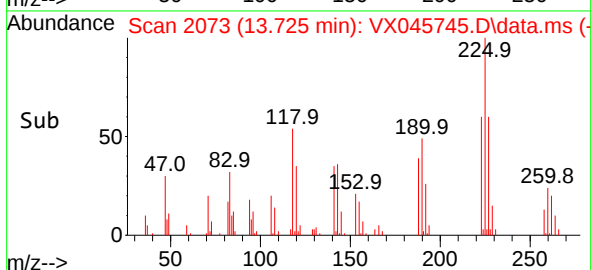
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

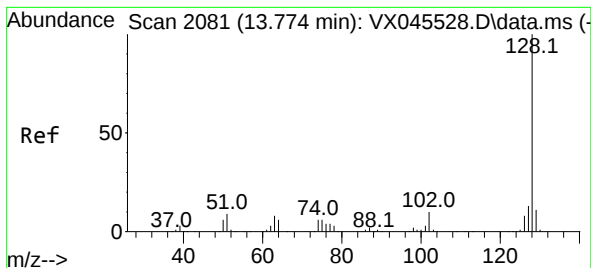


#94
Hexachlorobutadiene
Concen: 19.987 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37



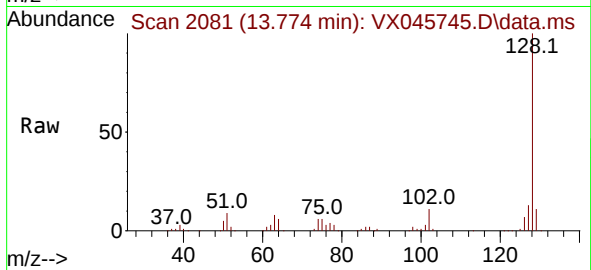
Tgt Ion:225 Resp: 9725
Ion Ratio Lower Upper
225 100
223 65.1 31.1 93.3
227 64.2 32.2 96.6





#95
Naphthalene
Concen: 19.871 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37

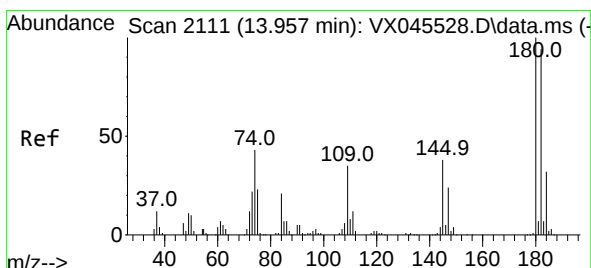
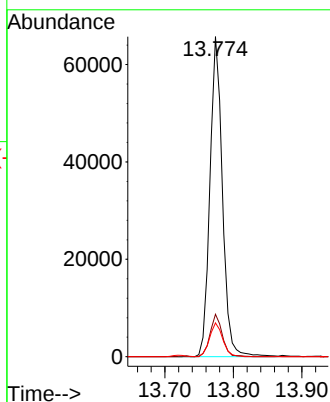
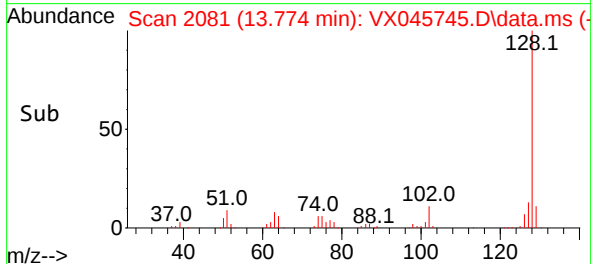
Instrument :
MSVOA_X
ClientSampleId :
VX0411MBS01



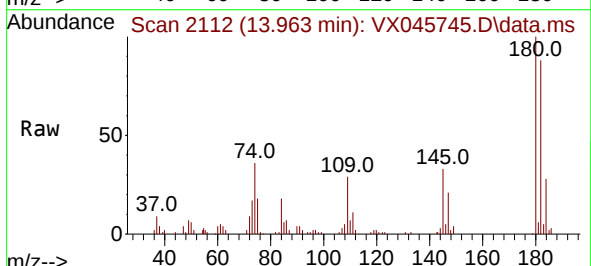
Tgt Ion:128 Resp: 83497
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.693 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045745.D
Acq: 11 Apr 2025 16:37



Tgt Ion:180 Resp: 24467
Ion Ratio Lower Upper
180 100
182 90.1 47.3 141.8
145 34.7 18.2 54.6

