

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044951.D
 Acq On : 14 Feb 2025 11:14
 Operator : JC/MD
 Sample : VX0214WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBS01

Quant Time: Feb 14 22:11:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2025
 Supervised By : Mahesh Dadoda 02/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	109167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	172020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81048	50.718	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.440%			
35) Dibromofluoromethane	5.379	113	65054	51.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.240%			
50) Toluene-d8	8.647	98	239351	49.736	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.480%			
62) 4-Bromofluorobenzene	11.079	95	83506	51.472	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30493	19.916	ug/l	96
3) Chloromethane	1.300	50	35876	19.252	ug/l	98
4) Vinyl Chloride	1.374	62	32947	18.250	ug/l	99
5) Bromomethane	1.593	94	12665	23.444	ug/l	95
6) Chloroethane	1.672	64	18270	24.073	ug/l	98
7) Trichlorofluoromethane	1.880	101	46110	20.197	ug/l	96
8) Diethyl Ether	2.130	74	16287	19.671	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	27143	19.677	ug/l	98
10) Methyl Iodide	2.447	142	35949	20.109	ug/l	98
11) Tert butyl alcohol	2.971	59	29984	101.141	ug/l	98
12) 1,1-Dichloroethene	2.312	96	26636	18.930	ug/l	97
13) Acrolein	2.233	56	32589	106.546	ug/l	98
14) Allyl chloride	2.660	41	48808	19.193	ug/l	97
15) Acrylonitrile	3.062	53	83287	105.222	ug/l	100
16) Acetone	2.380	43	69215	107.742	ug/l	99
17) Carbon Disulfide	2.508	76	65690	17.025	ug/l	97
18) Methyl Acetate	2.703	43	43622	21.518	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	88083	19.675	ug/l	99
20) Methylene Chloride	2.782	84	30381	19.308	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	25933	18.726	ug/l	92
22) Diisopropyl ether	3.757	45	97720	20.312	ug/l	92
23) Vinyl Acetate	3.715	43	389140	99.216	ug/l	98
24) 1,1-Dichloroethane	3.605	63	53879	20.015	ug/l	99
25) 2-Butanone	4.550	43	111260	106.657	ug/l	96
26) 2,2-Dichloropropane	4.464	77	40129	18.798	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	32961	19.815	ug/l	98
28) Bromochloromethane	4.897	49	23212	17.943	ug/l	99
29) Tetrahydrofuran	5.001	42	72346	104.443	ug/l	99
30) Chloroform	5.086	83	53725	20.580	ug/l	98
31) Cyclohexane	5.464	56	46821	18.867	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	43492	19.641	ug/l	98
36) 1,1-Dichloropropene	5.690	75	35991	19.602	ug/l	100
37) Ethyl Acetate	4.714	43	41720	20.428	ug/l	100
38) Carbon Tetrachloride	5.672	117	36299	20.174	ug/l	96
39) Methylcyclohexane	7.372	83	46927	19.769	ug/l	98
40) Benzene	6.031	78	114429	19.958	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	23705	21.685	ug/l	100
42) 1,2-Dichloroethane	6.080	62	39785	21.773	ug/l	99
43) Isopropyl Acetate	6.336	43	67687	20.524	ug/l	98
44) Trichloroethene	7.123	130	25978	19.823	ug/l	99
45) 1,2-Dichloropropane	7.427	63	28734	20.145	ug/l	96
46) Dibromomethane	7.580	93	20163	20.383	ug/l	98
47) Bromodichloromethane	7.818	83	40024	20.896	ug/l	97
48) Methyl methacrylate	7.690	41	32249	20.739	ug/l	98
49) 1,4-Dioxane	7.659	88	14784	443.128	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	225966	112.703	ug/l	97
52) Toluene	8.714	92	69748	20.427	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	37169	19.176	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	43416	20.090	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	27886	21.245	ug/l	98
56) Ethyl methacrylate	9.116	69	42444	20.021	ug/l	98
57) 1,3-Dichloropropane	9.305	76	47815	20.820	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	107373	103.151	ug/l	100
59) 2-Hexanone	9.427	43	166655	115.365	ug/l	97
60) Dibromochloromethane	9.518	129	29087	20.721	ug/l	98
61) 1,2-Dibromoethane	9.604	107	28155	21.163	ug/l	97
64) Tetrachloroethene	9.268	164	22728	20.951	ug/l	96
65) Chlorobenzene	10.079	112	74635	20.200	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	23206	19.514	ug/l	95
67) Ethyl Benzene	10.189	91	131698	20.199	ug/l	99
68) m/p-Xylenes	10.299	106	98883	41.113	ug/l	100
69) o-Xylene	10.640	106	48694	20.177	ug/l	100
70) Styrene	10.652	104	81730	21.020	ug/l	100
71) Bromoform	10.799	173	18416	20.750	ug/l #	100
73) Isopropylbenzene	10.957	105	124187	19.326	ug/l	99
74) N-amyl acetate	10.841	43	57217	19.677	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	44116	19.979	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	36103m	20.404	ug/l	
77) Bromobenzene	11.195	156	29893	20.519	ug/l	93
78) n-propylbenzene	11.299	91	144703	19.510	ug/l	100
79) 2-Chlorotoluene	11.360	91	88678	19.454	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	104223	19.987	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11634	16.914	ug/l	91
82) 4-Chlorotoluene	11.451	91	99533	19.736	ug/l	99
83) tert-Butylbenzene	11.713	119	104653	19.838	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	104819	20.366	ug/l	99
85) sec-Butylbenzene	11.890	105	131498	20.130	ug/l	98
86) p-Isopropyltoluene	12.006	119	106908	20.351	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	52788	19.704	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	53421	19.722	ug/l	98
89) n-Butylbenzene	12.329	91	94562	20.347	ug/l	99
90) Hexachloroethane	12.536	117	18131	18.433	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	54507	20.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8250	20.471	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	31211	19.589	ug/l	98
94) Hexachlorobutadiene	13.719	225	12661	20.018	ug/l	99
95) Naphthalene	13.774	128	114238	19.835	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	32268	20.099	ug/l	99

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ClientSampleId :
VX0214WBS01

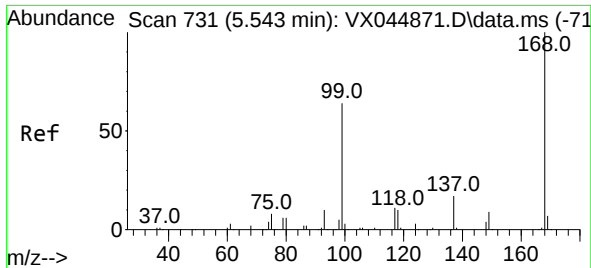
Manual Integrations
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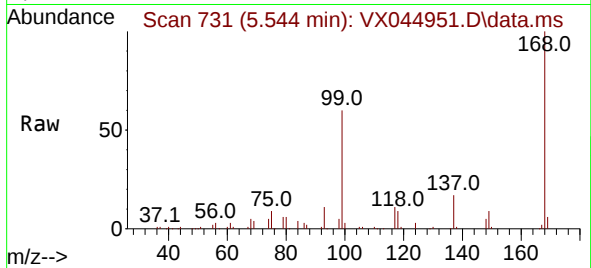
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

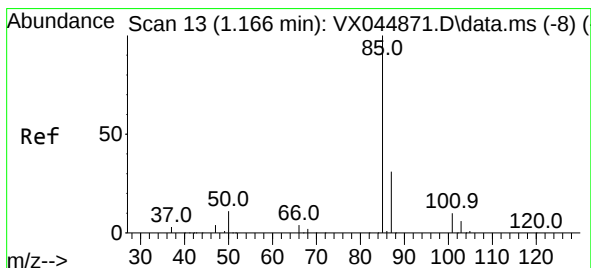
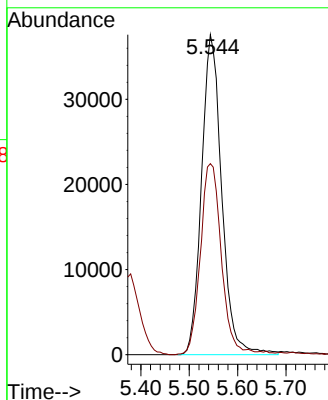
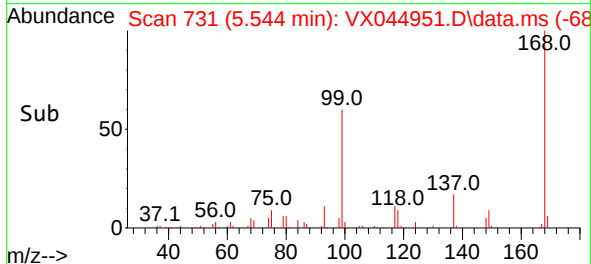
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion:168 Resp: 10916
Ion Ratio Lower Upper
168 100
99 59.5 51.2 76.8

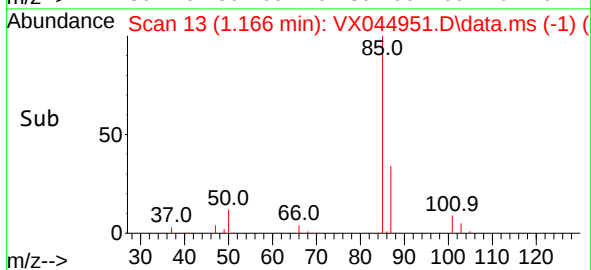
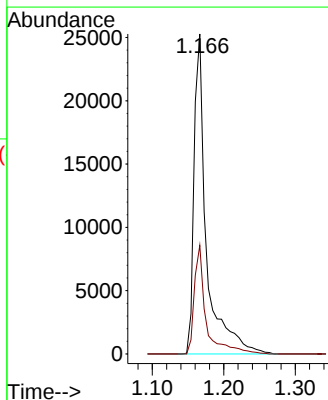
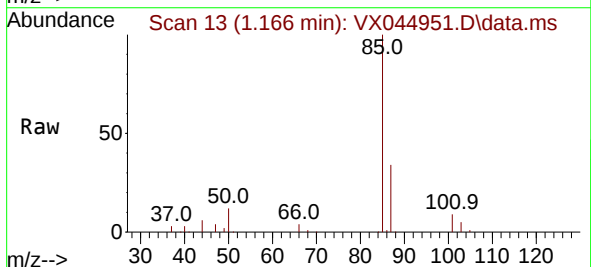
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#2
Dichlorodifluoromethane
Concen: 19.916 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Tgt Ion: 85 Resp: 30493
Ion Ratio Lower Upper
85 100
87 33.9 15.8 47.3





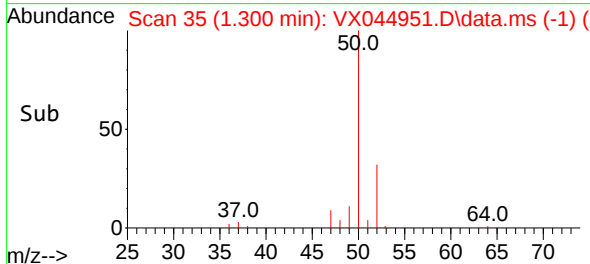
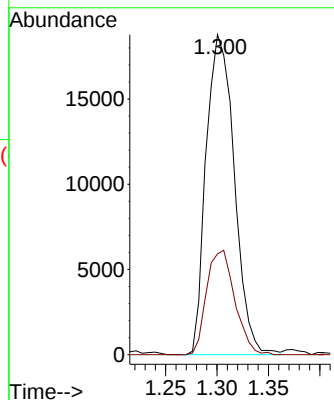
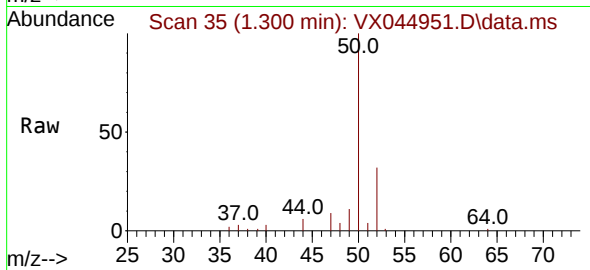
#3
Chloromethane
Concen: 19.252 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

Tgt Ion: 50 Resp: 35870
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9

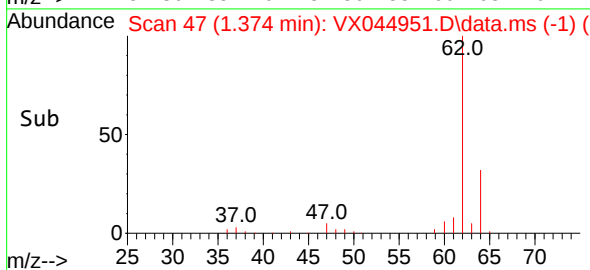
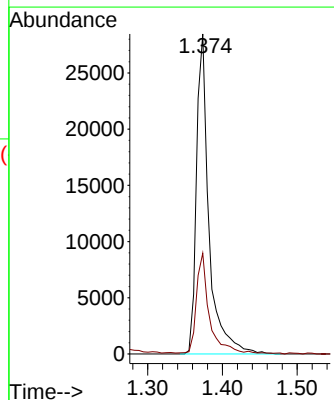
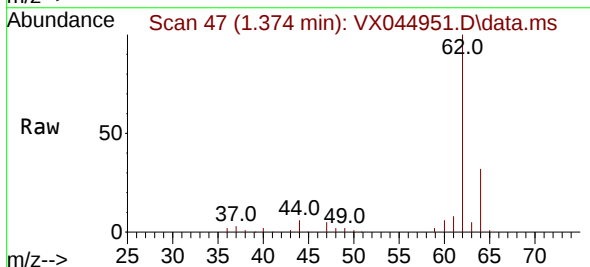
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#4
Vinyl Chloride
Concen: 18.250 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

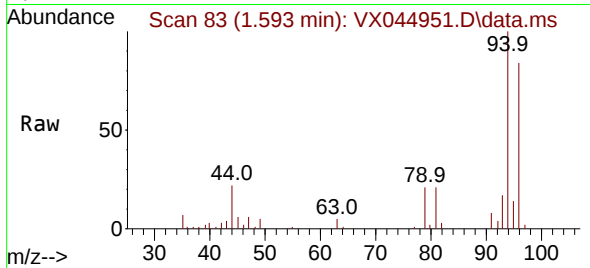
Tgt Ion: 62 Resp: 32947
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0





#5
Bromomethane
Concen: 23.444 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

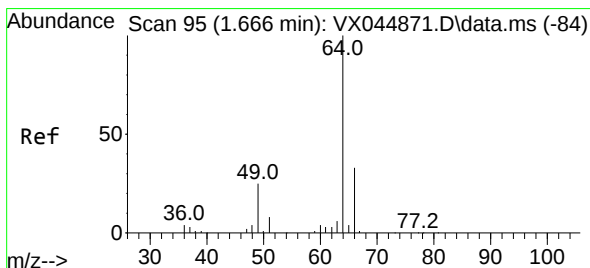
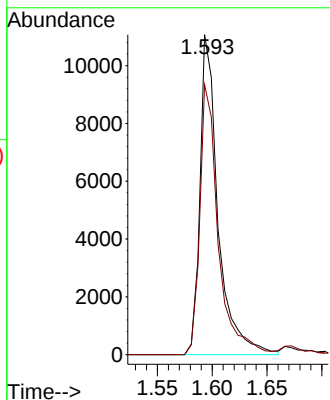
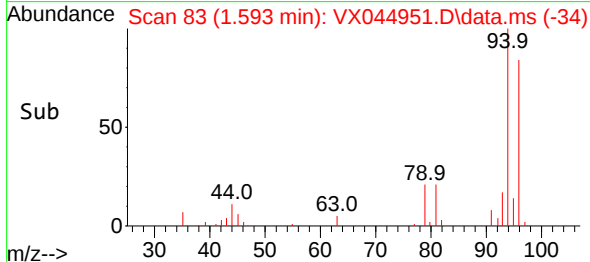
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 94 Resp: 1266
Ion Ratio Lower Upper
94 100
96 84.3 71.6 107.4

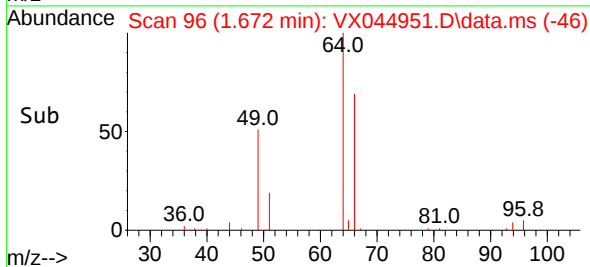
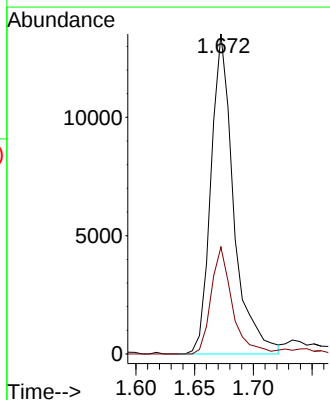
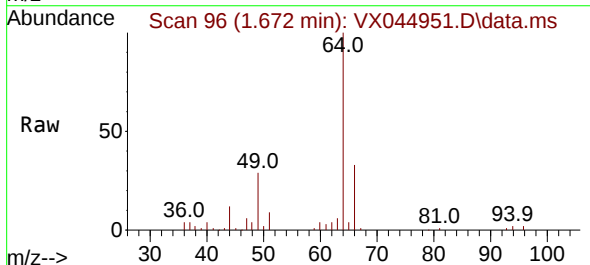
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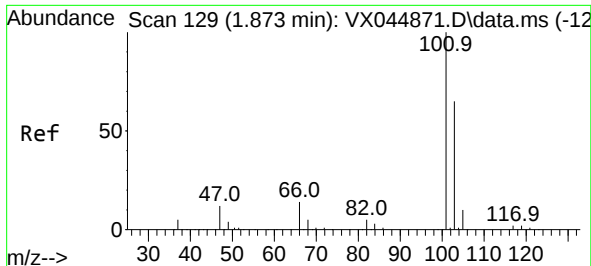
Reviewed By :John Carlone 02/18/2025
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#6
Chloroethane
Concen: 24.073 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

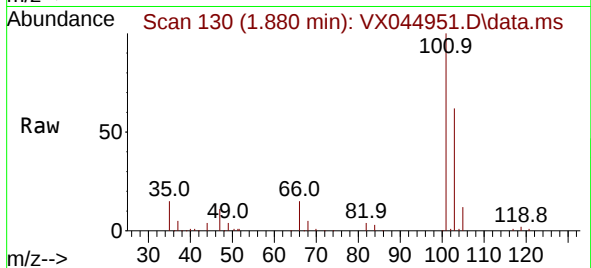
Tgt Ion: 64 Resp: 18270
Ion Ratio Lower Upper
64 100
66 33.4 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 20.197 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VX044951.D
 Acq: 14 Feb 2025 11:14

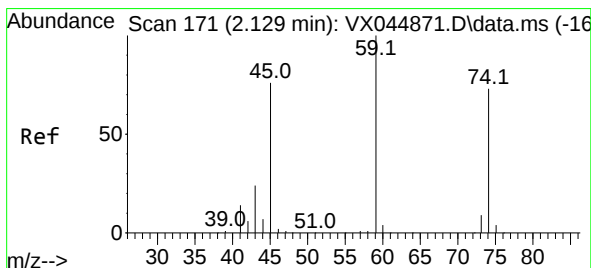
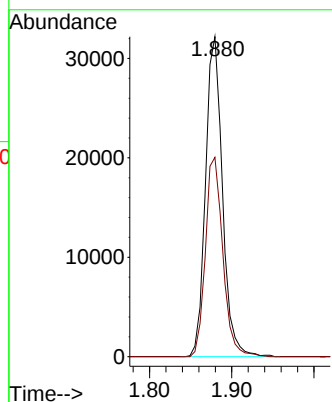
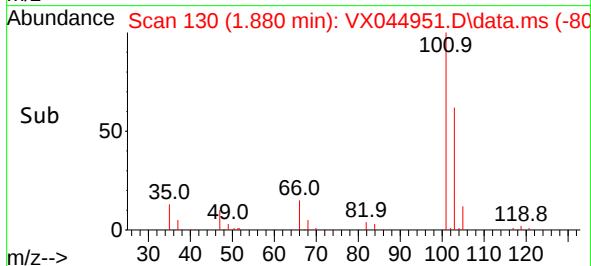
Instrument :
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Tgt Ion:101 Resp: 46110
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.4 78.6

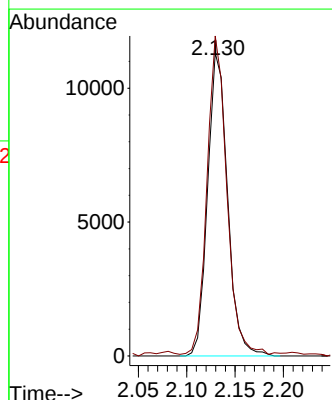
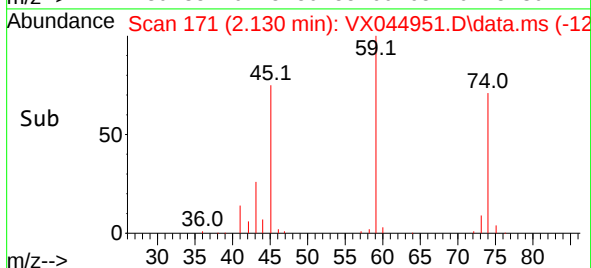
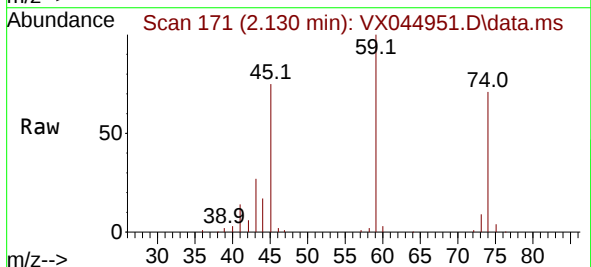
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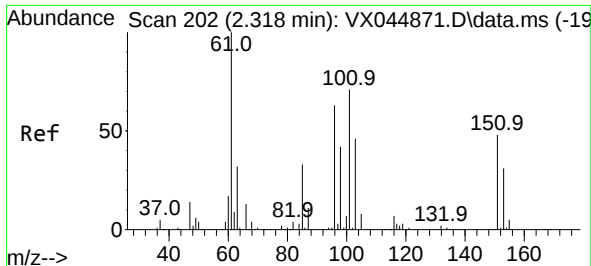
Reviewed By :John Carlone 02/18/2025
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#8
 Diethyl Ether
 Concen: 19.671 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.001 min
 Lab File: VX044951.D
 Acq: 14 Feb 2025 11:14

Tgt Ion: 74 Resp: 16287
 Ion Ratio Lower Upper
 74 100
 45 103.4 51.1 153.4





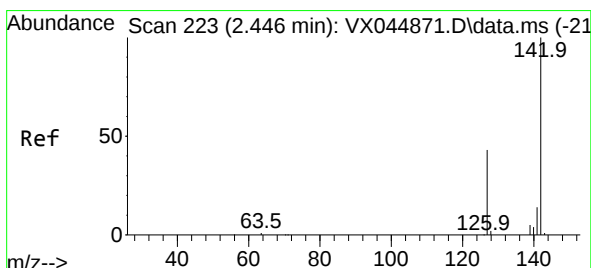
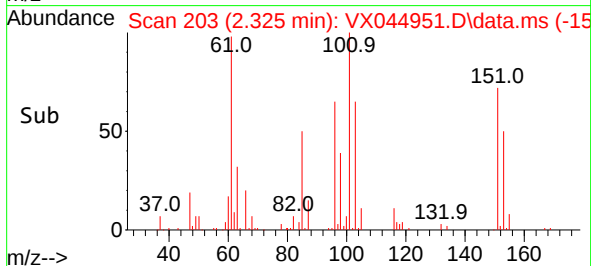
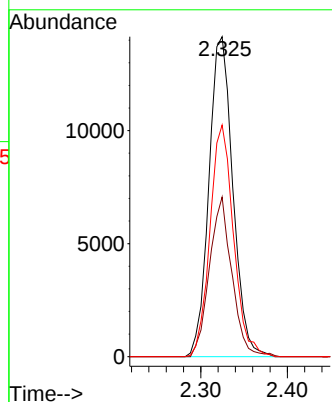
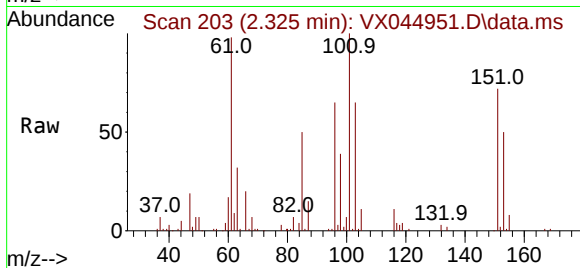
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.677 ug/l
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044951.D
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MSVOA_X
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VX0214WBS01

Tgt Ion:101 Resp: 2714
Ion Ratio Lower Upper
101 100
85 46.9 35.7 53.5
151 71.4 56.0 84.0

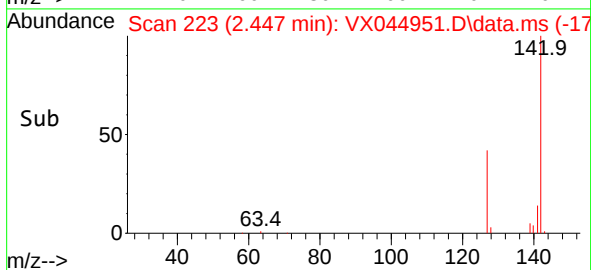
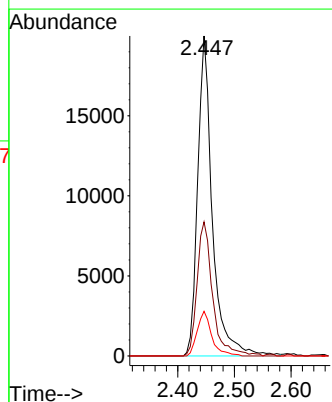
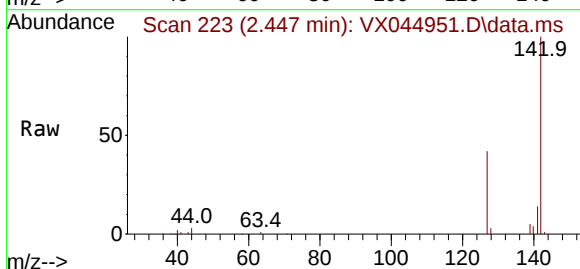
Manual Integrations
APPROVED

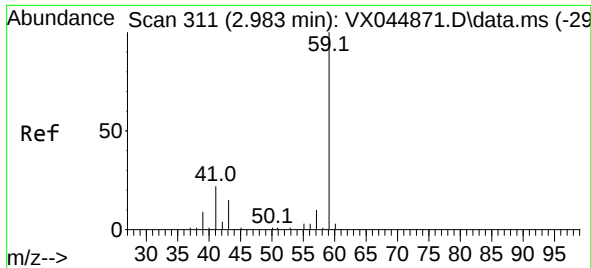
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 20.109 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Tgt Ion:142 Resp: 35949
Ion Ratio Lower Upper
142 100
127 44.3 34.3 51.5
141 13.8 11.4 17.2





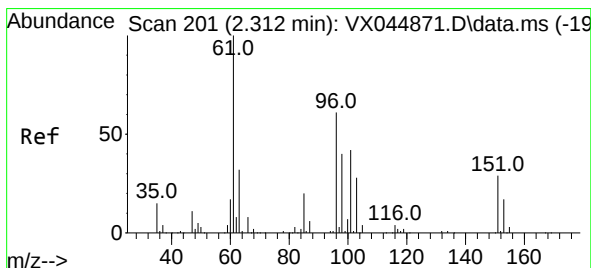
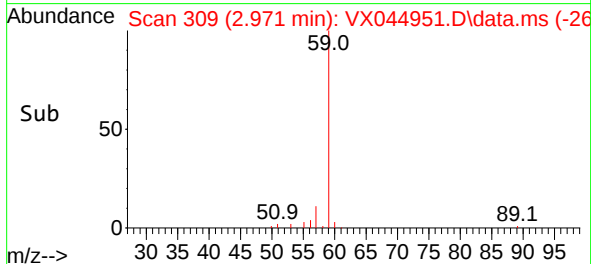
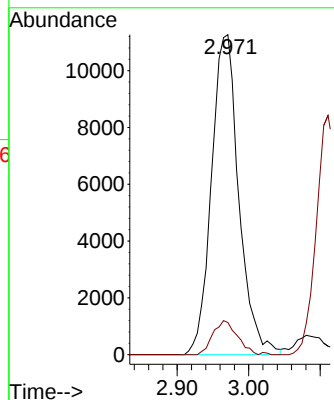
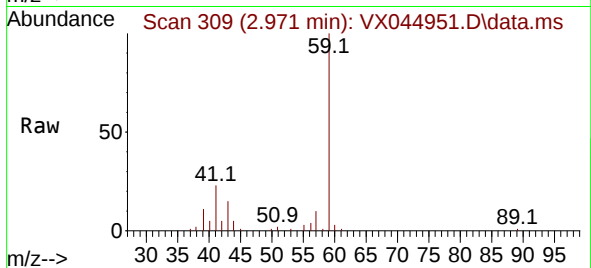
#11
Tert butyl alcohol
Concen: 101.141 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

Tgt Ion: 59 Resp: 29984
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1

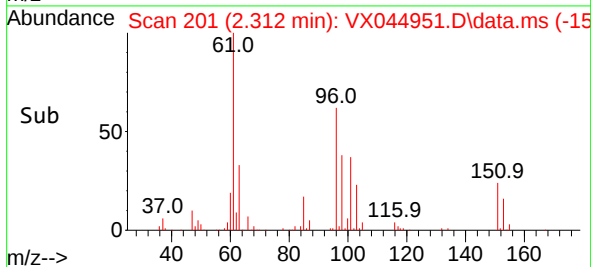
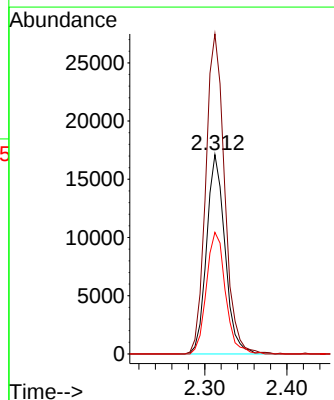
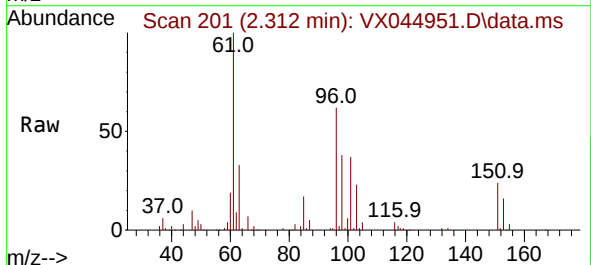
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#12
1,1-Dichloroethene
Concen: 18.930 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

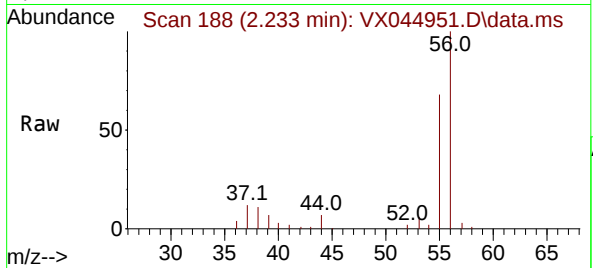
Tgt Ion: 96 Resp: 26636
Ion Ratio Lower Upper
96 100
61 160.5 130.2 195.4
98 61.0 52.2 78.4





#13
Acrolein
Concen: 106.546 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

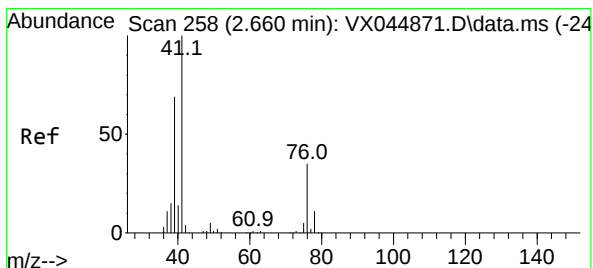
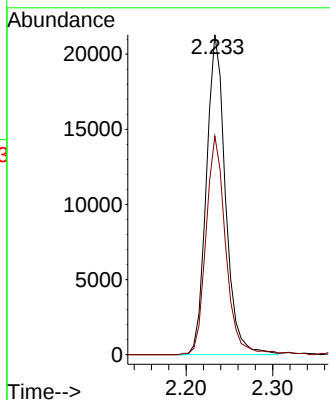
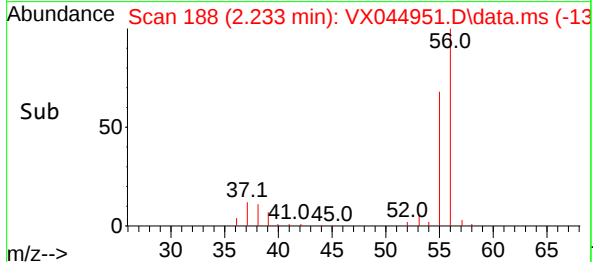
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 56 Resp: 32589
Ion Ratio Lower Upper
56 100
55 70.9 55.7 83.5

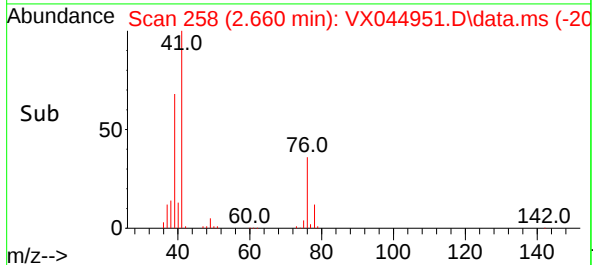
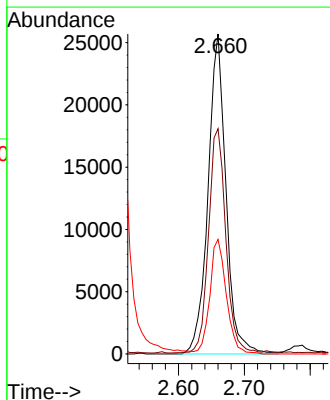
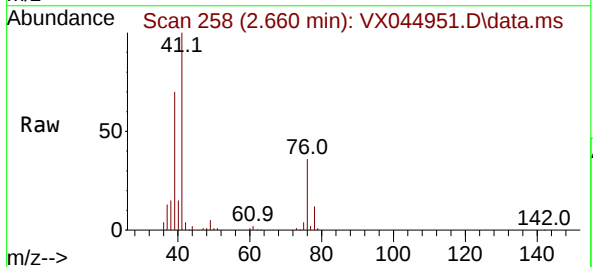
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#14
Allyl chloride
Concen: 19.193 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

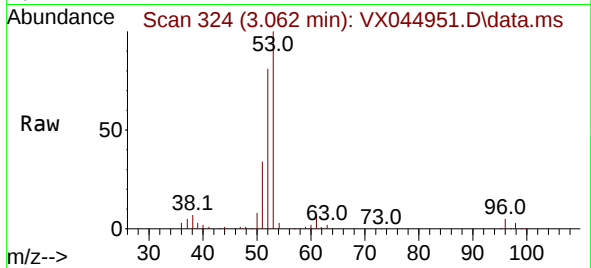
Tgt Ion: 41 Resp: 48808
Ion Ratio Lower Upper
41 100
39 67.1 51.4 77.2
76 32.9 27.0 40.4





#15
Acrylonitrile
Concen: 105.222 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

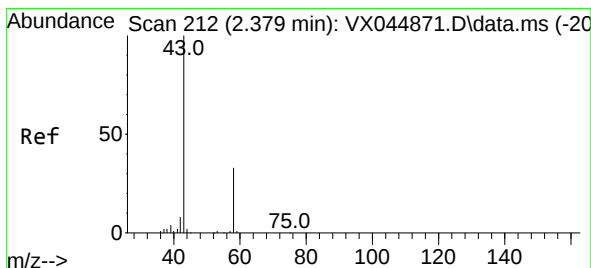
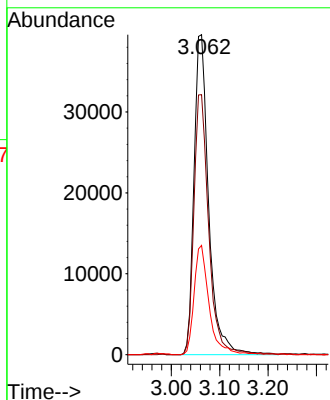
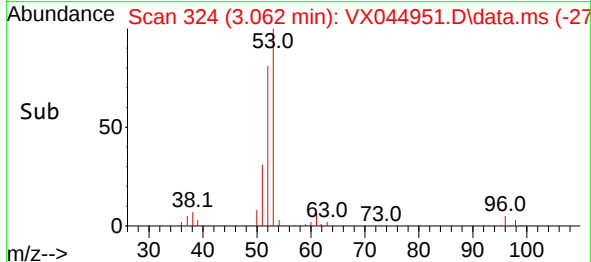
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 53 Resp: 8328
Ion Ratio Lower Upper
53 100
52 81.7 65.0 97.6
51 35.1 28.0 42.0

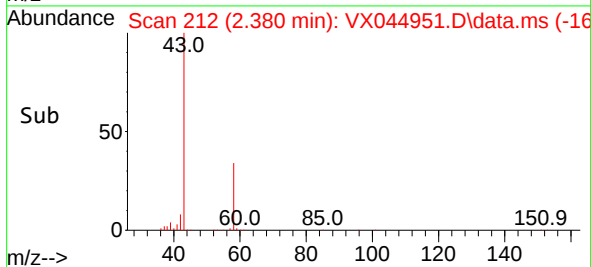
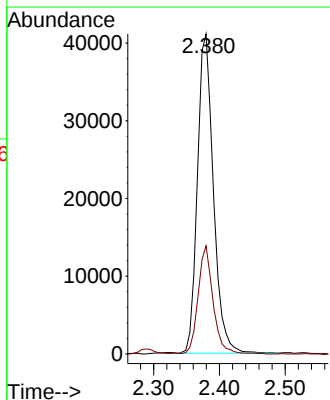
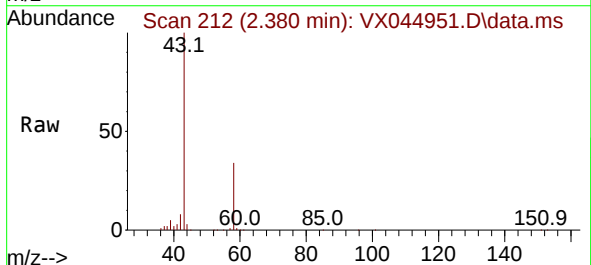
Manual Integrations
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Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#16
Acetone
Concen: 107.742 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Tgt Ion: 43 Resp: 69215
Ion Ratio Lower Upper
43 100
58 33.9 26.5 39.7





#17

Carbon Disulfide

Concen: 17.025 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

Tgt Ion: 76 Resp: 65690

Ion Ratio Lower Upper

76 100

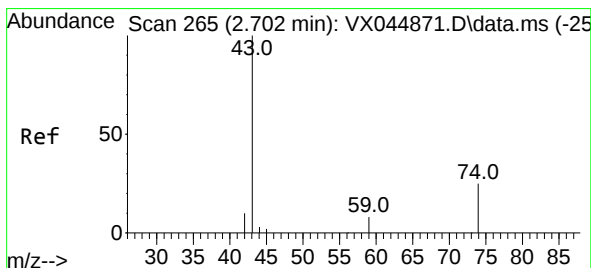
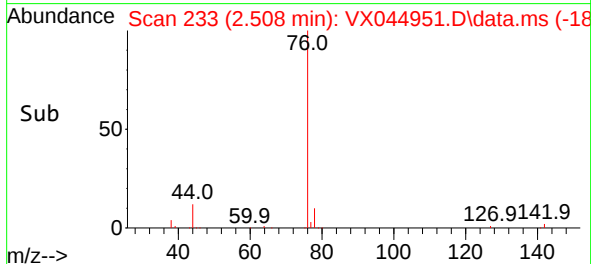
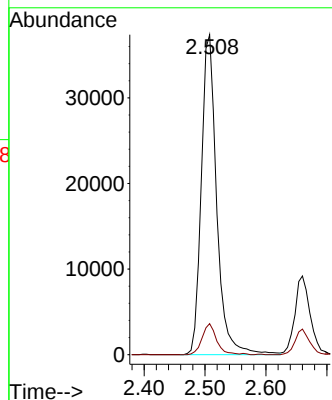
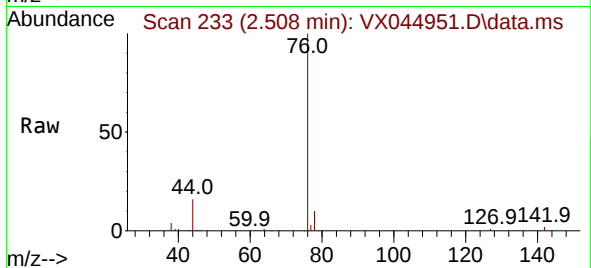
78 9.7 7.0 10.4

Manual Integrations

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Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#18

Methyl Acetate

Concen: 21.518 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX044951.D

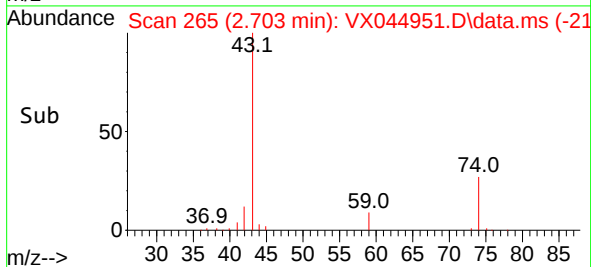
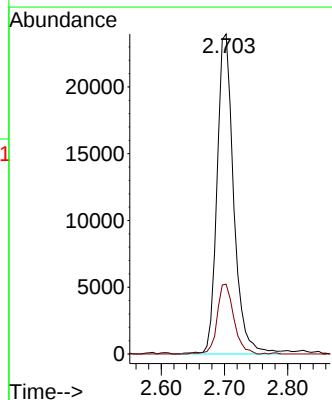
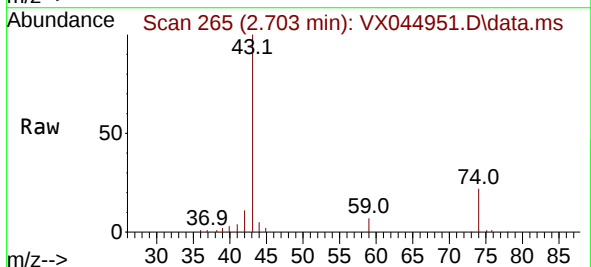
Acq: 14 Feb 2025 11:14

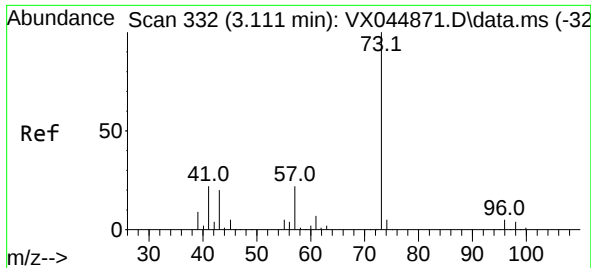
Tgt Ion: 43 Resp: 43622

Ion Ratio Lower Upper

43 100

74 21.9 18.9 28.3





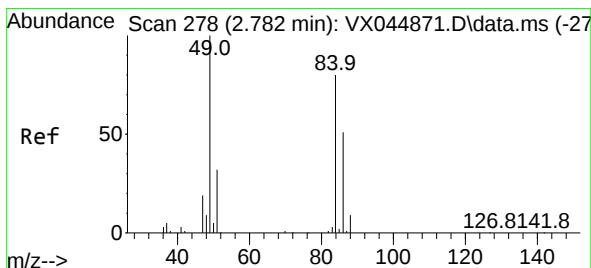
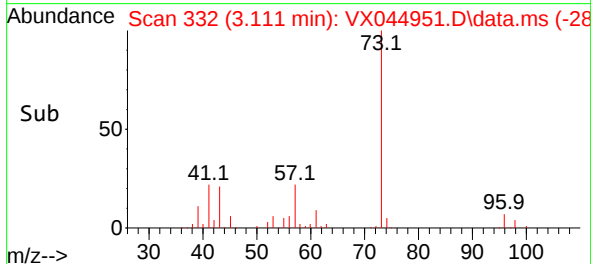
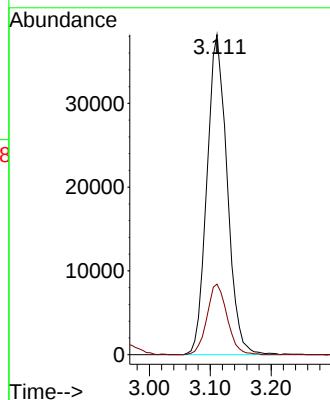
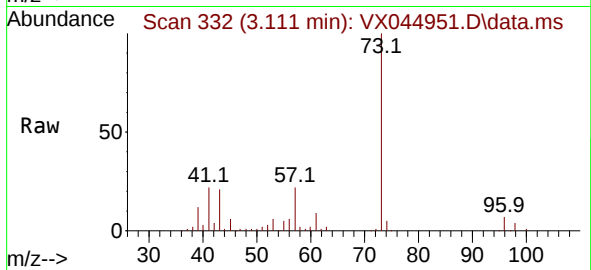
#19
Methyl tert-butyl Ether
Concen: 19.675 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

Tgt Ion: 73 Resp: 8808
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9

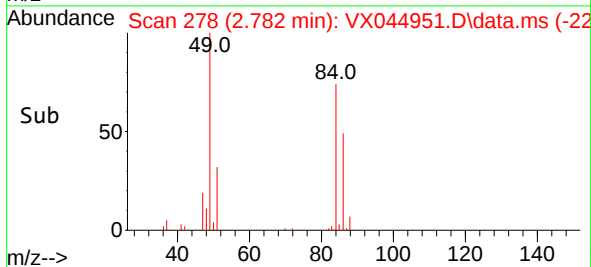
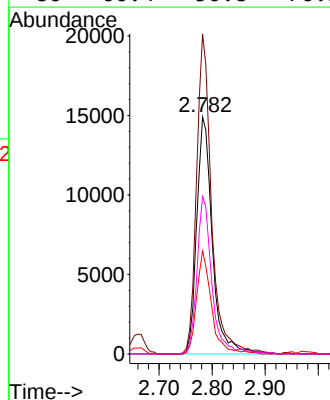
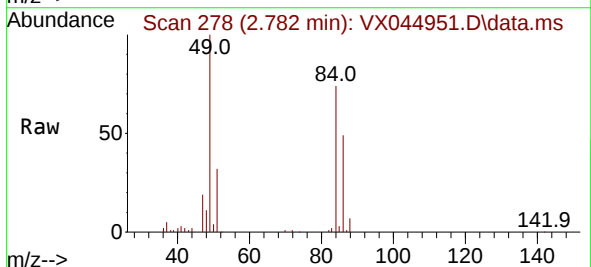
Manual Integrations
APPROVED

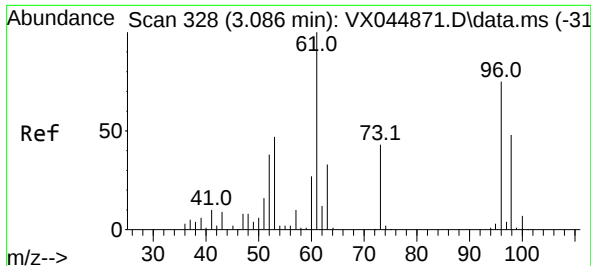
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 19.308 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

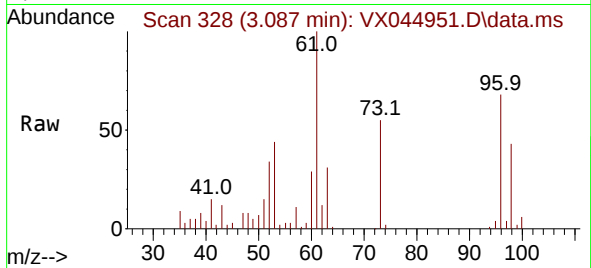
Tgt Ion: 84 Resp: 30381
Ion Ratio Lower Upper
84 100
49 135.1 100.1 150.1
51 43.5 31.7 47.5
86 66.4 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 18.726 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

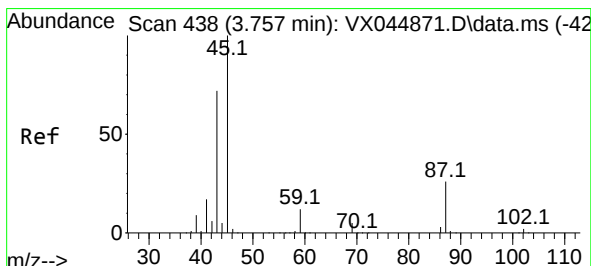
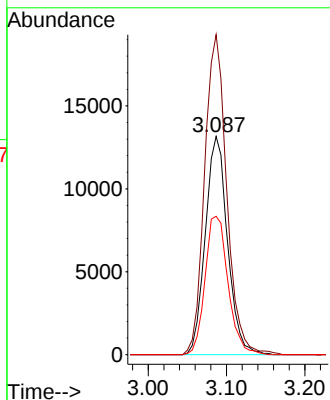
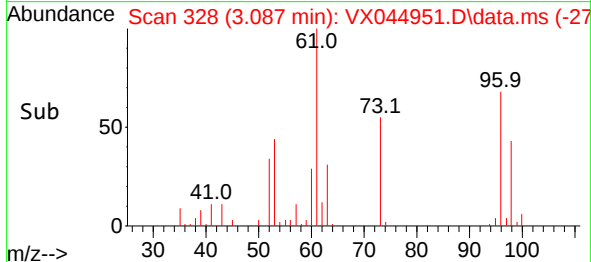
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



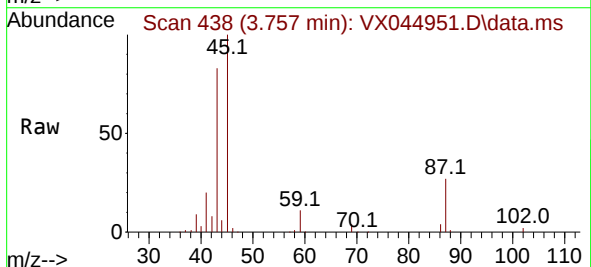
Tgt Ion: 96 Resp: 2593
Ion Ratio Lower Upper
96 100
61 146.6 106.0 159.0
98 63.4 50.6 76.0

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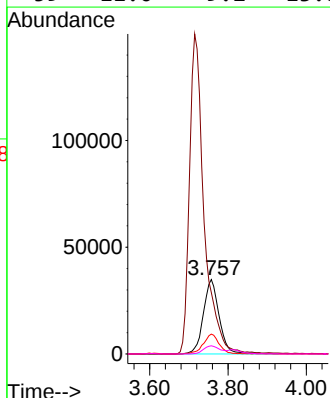
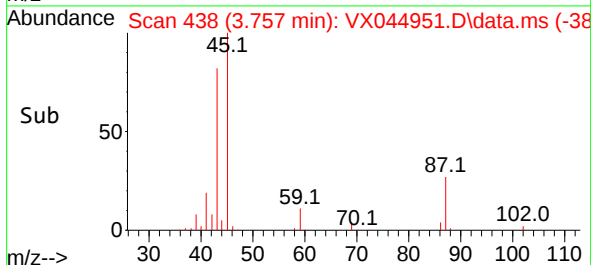
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#22
Diisopropyl ether
Concen: 20.312 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14



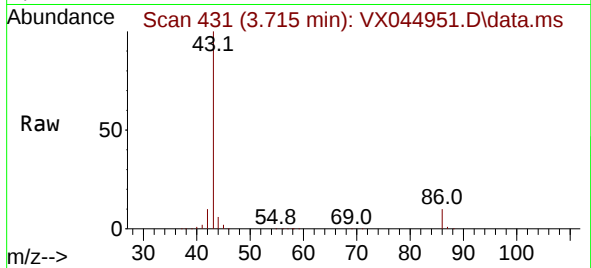
Tgt Ion: 45 Resp: 97720
Ion Ratio Lower Upper
45 100
43 82.0 58.0 87.0
87 26.6 20.7 31.1
59 11.0 9.2 13.8





#23
 Vinyl Acetate
 Concen: 99.216 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX044951.D
 Acq: 14 Feb 2025 11:14

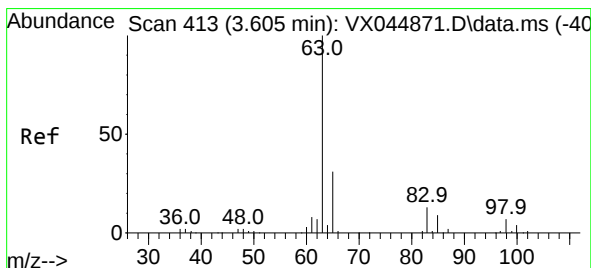
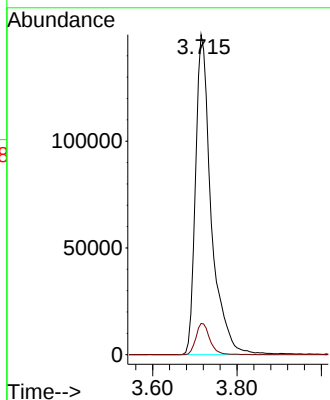
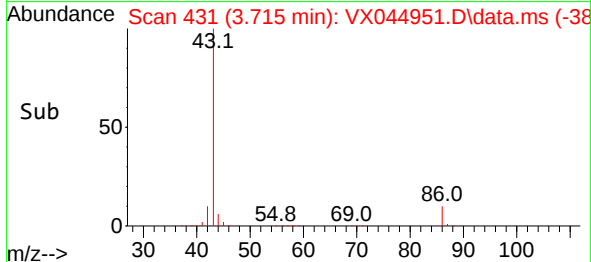
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBS01



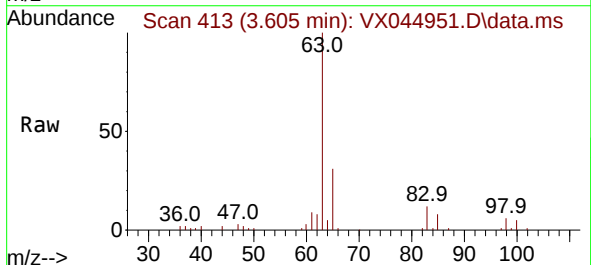
Tgt Ion: 43 Resp: 389140
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.3 12.5

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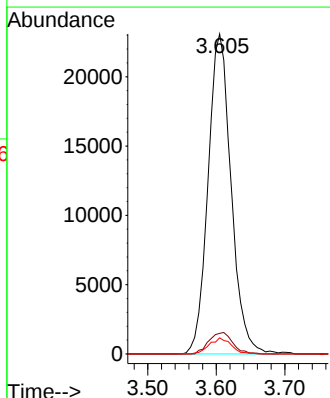
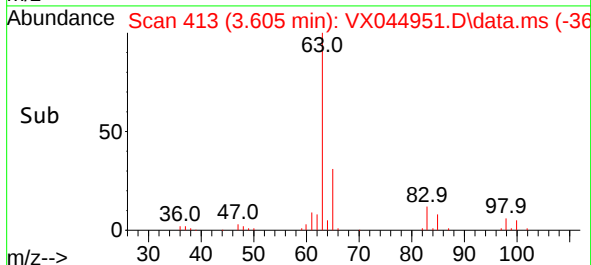
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025

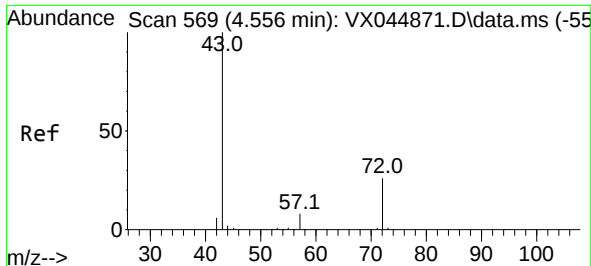


#24
 1,1-Dichloroethane
 Concen: 20.015 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044951.D
 Acq: 14 Feb 2025 11:14



Tgt Ion: 63 Resp: 53879
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 5.1 2.1 6.5





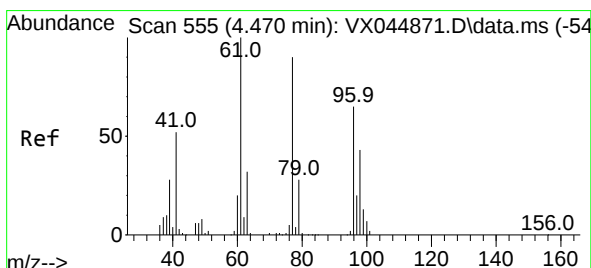
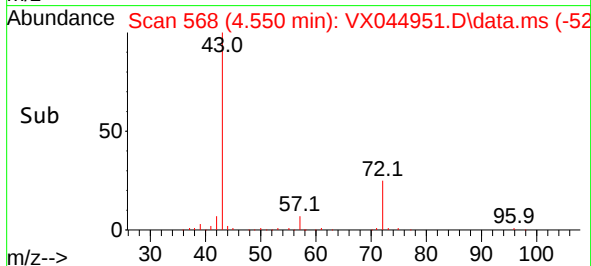
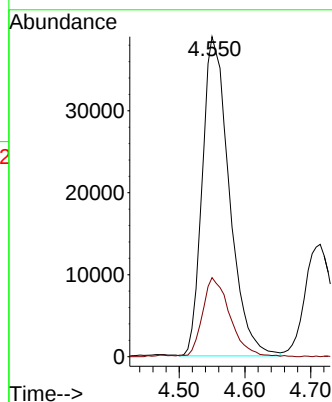
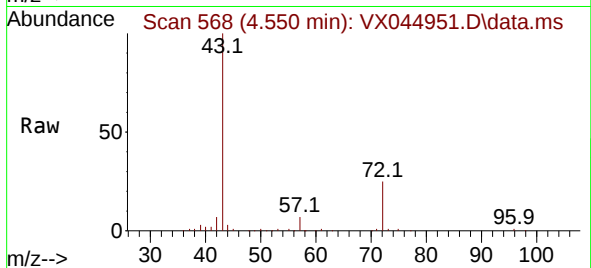
#25
2-Butanone
Concen: 106.657 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

Tgt Ion: 43 Resp: 111260
Ion Ratio Lower Upper
43 100
72 24.6 21.2 31.8

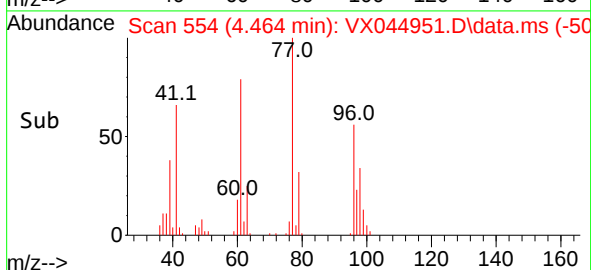
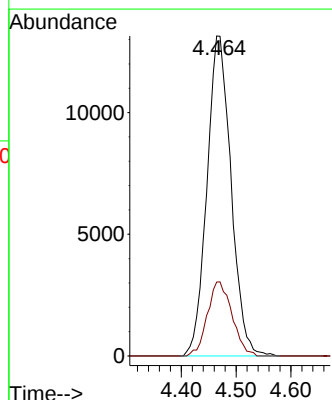
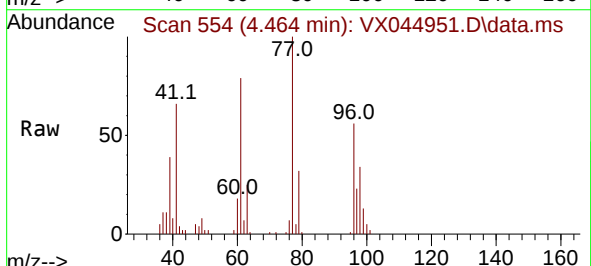
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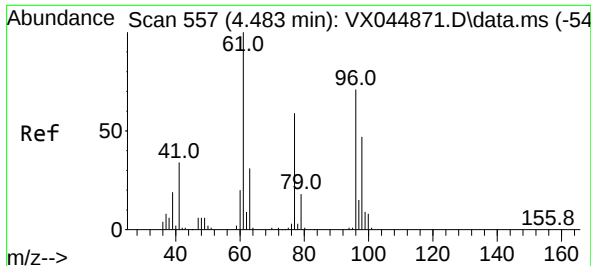
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 18.798 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Tgt Ion: 77 Resp: 40129
Ion Ratio Lower Upper
77 100
97 23.7 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.815 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

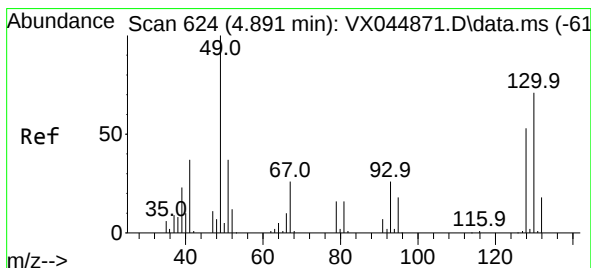
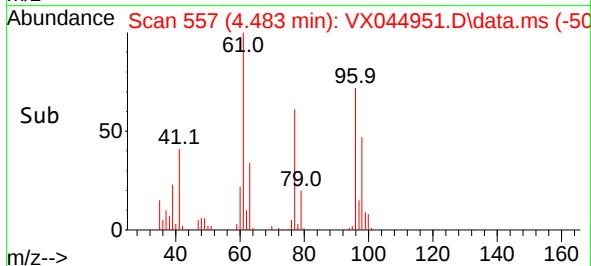
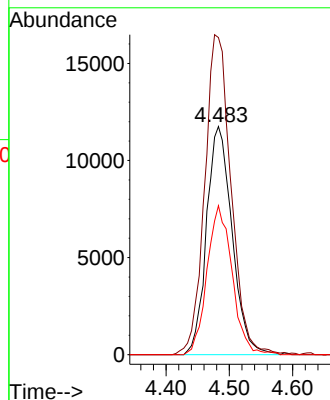
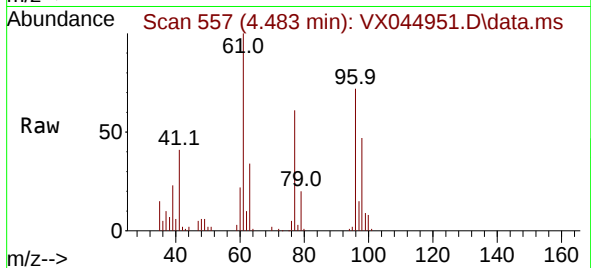
Tgt Ion: 96	Resp: 3296
Ion Ratio	Lower Upper
96 100	
61 144.9	0.0 294.0
98 64.2	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#28

Bromochloromethane

Concen: 17.943 ug/l

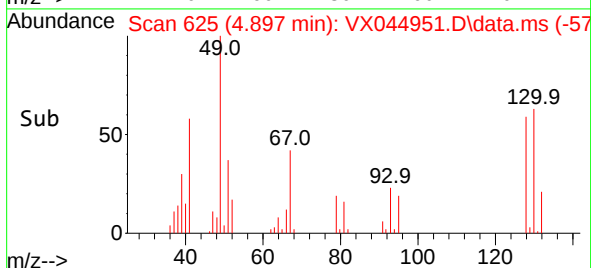
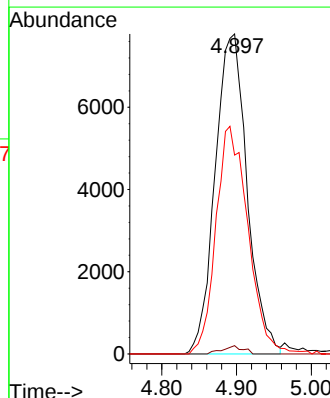
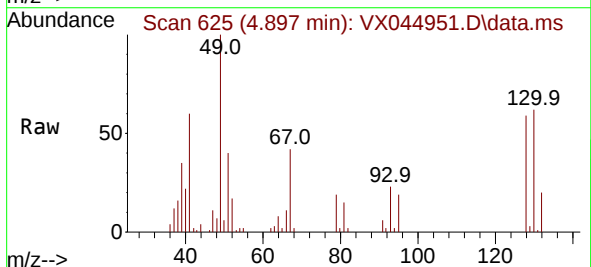
RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Tgt Ion: 49	Resp: 23212
Ion Ratio	Lower Upper
49 100	
129 1.6	0.0 3.6
130 71.4	56.7 85.1





#29

Tetrahydrofuran

Concen: 104.443 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

Tgt Ion: 42 Resp: 72340

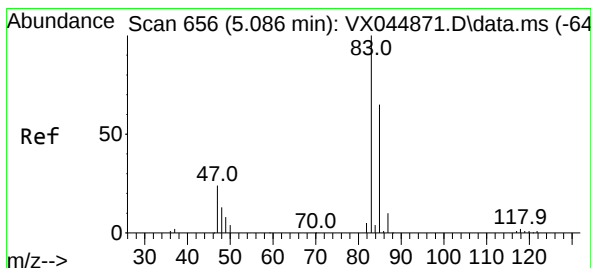
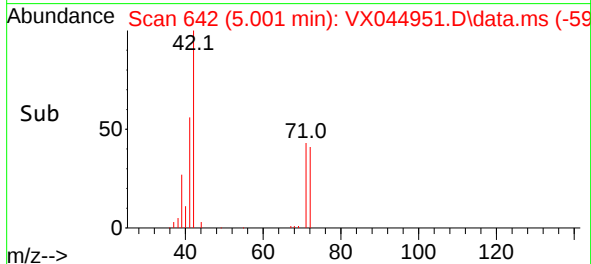
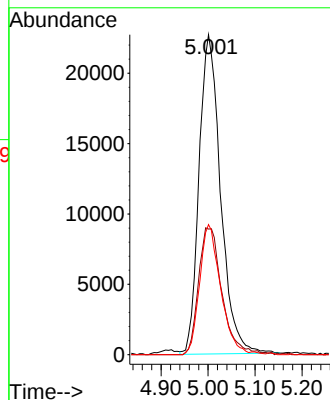
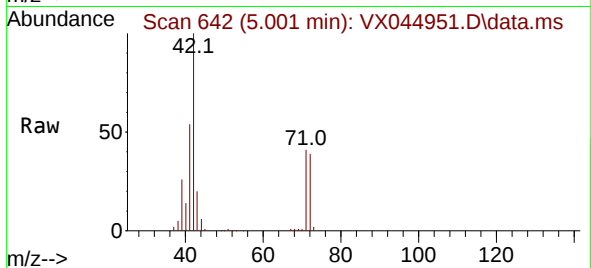
Ion	Ratio	Lower	Upper
42	100		
72	43.2	35.0	52.4
71	40.0	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#30

Chloroform

Concen: 20.580 ug/l

RT: 5.086 min Scan# 656

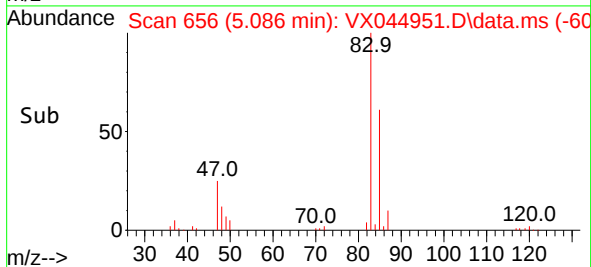
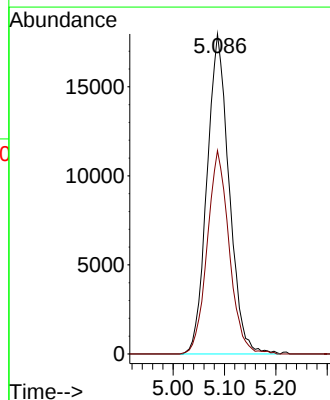
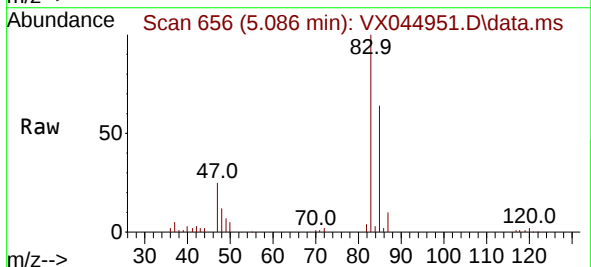
Delta R.T. 0.000 min

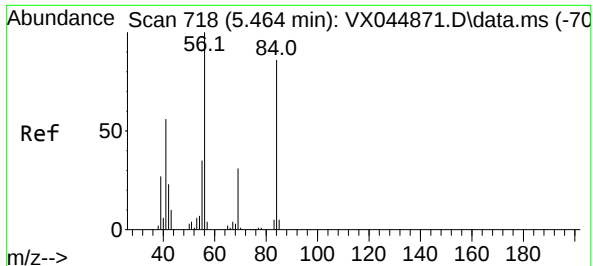
Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Tgt Ion: 83 Resp: 53725

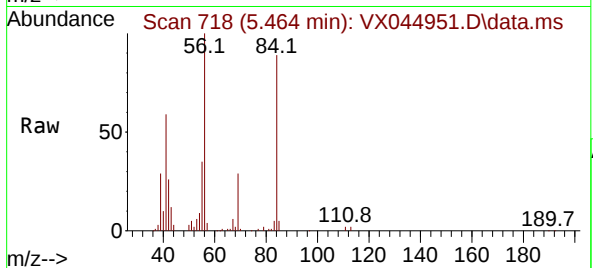
Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.1	78.1





#31
Cyclohexane
Concen: 18.867 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

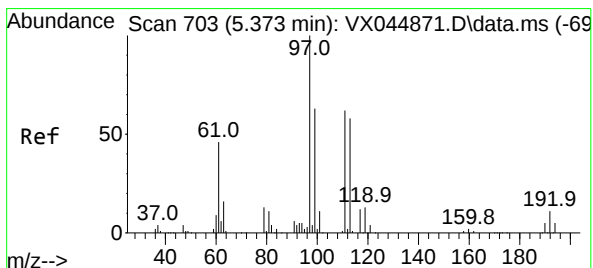
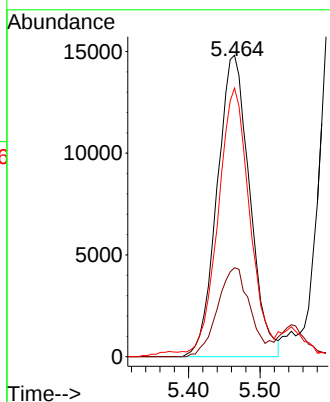
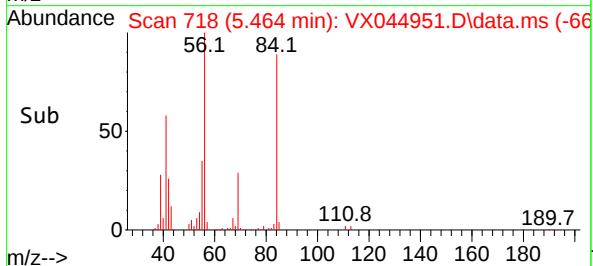
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 56 Resp: 4682
Ion Ratio Lower Upper
56 100
69 29.5 24.4 36.6
84 87.6 69.0 103.6

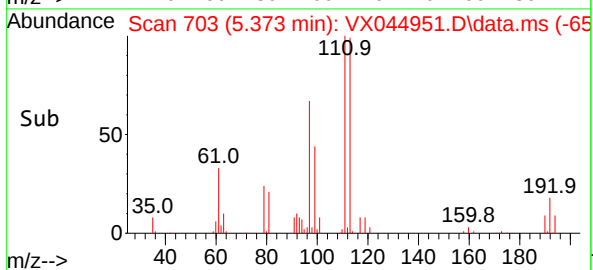
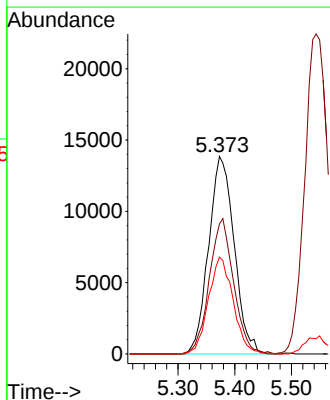
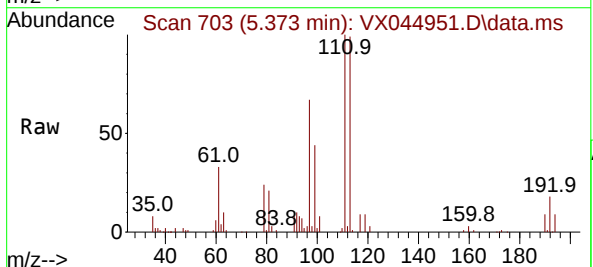
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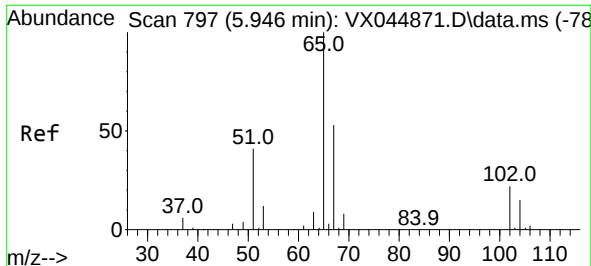
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#32
1,1,1-Trichloroethane
Concen: 19.641 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Tgt Ion: 97 Resp: 43492
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 47.3 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 50.718 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

Tgt Ion: 65 Resp: 81048

Ion Ratio Lower Upper

65 100

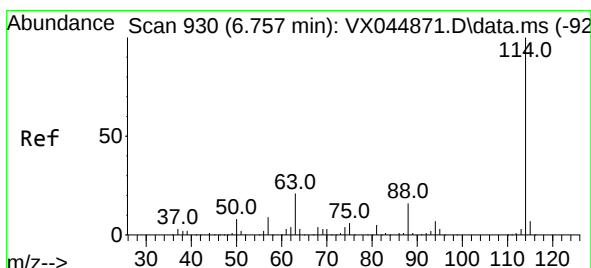
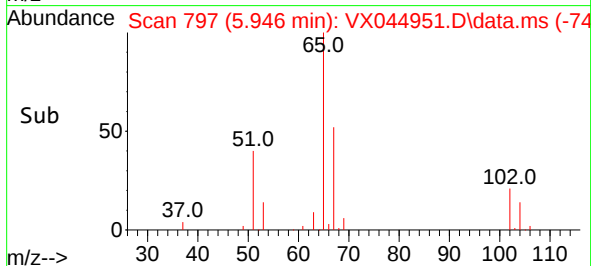
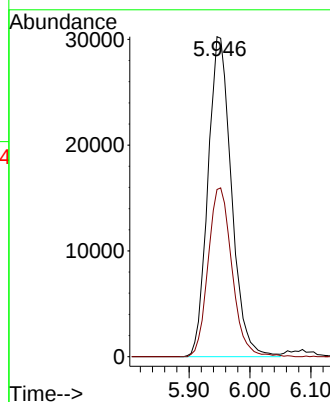
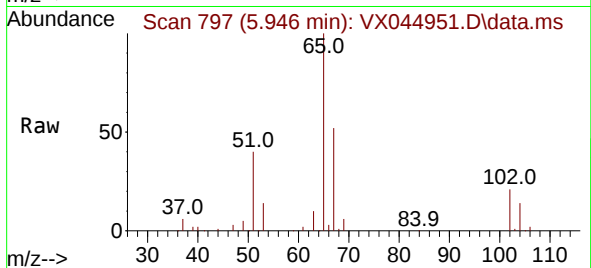
67 53.5 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

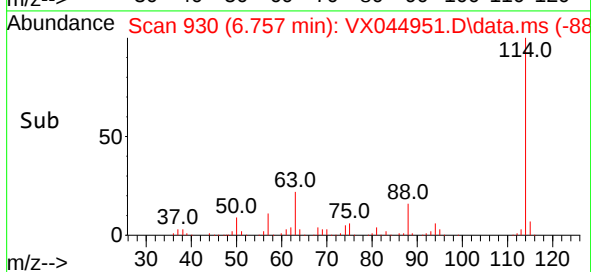
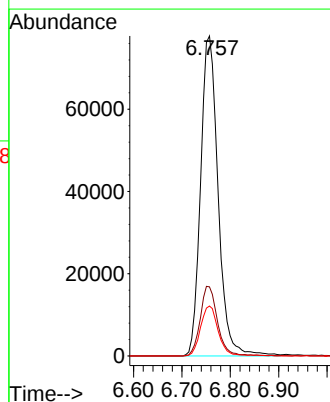
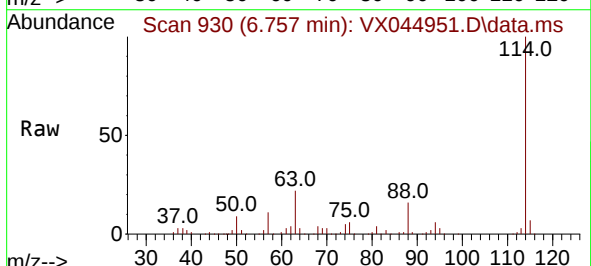
Tgt Ion:114 Resp: 195743

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

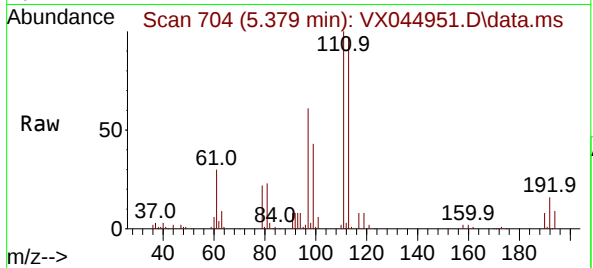
88 15.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 51.117 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

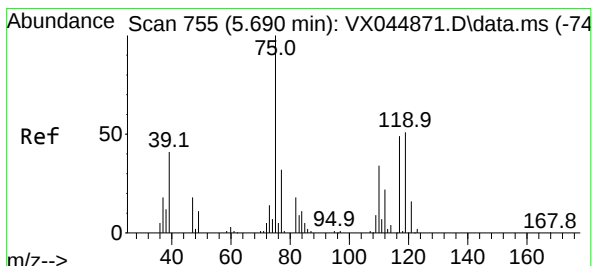
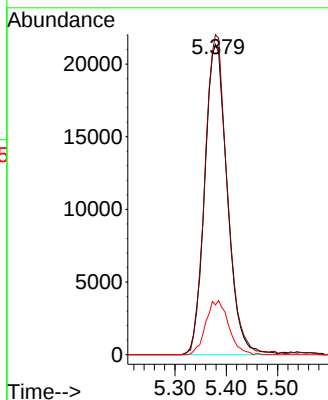
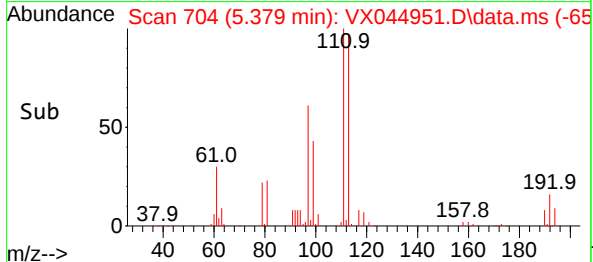
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 113 Resp: 65054
Ion Ratio Lower Upper
113 100
111 102.2 83.5 125.3
192 17.7 14.4 21.6

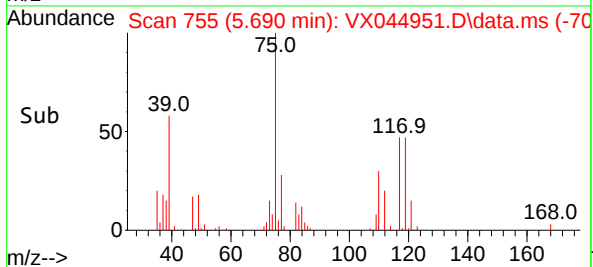
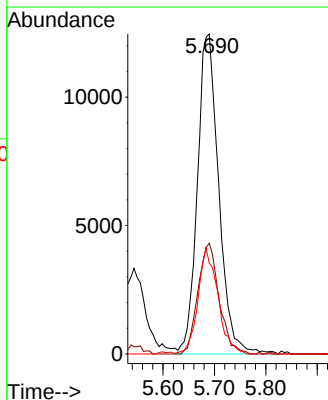
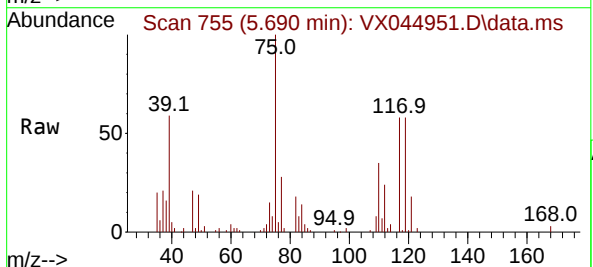
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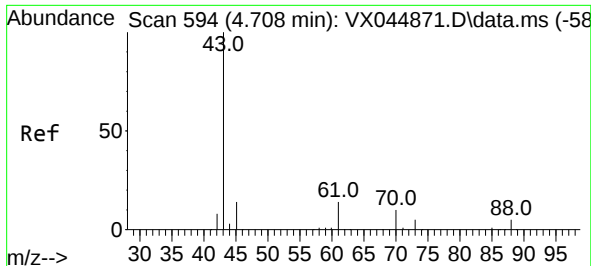
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#36
1,1-Dichloropropene
Concen: 19.602 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Tgt Ion: 75 Resp: 35991
Ion Ratio Lower Upper
75 100
110 34.1 17.2 51.6
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 20.428 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

Tgt Ion: 43 Resp: 41720

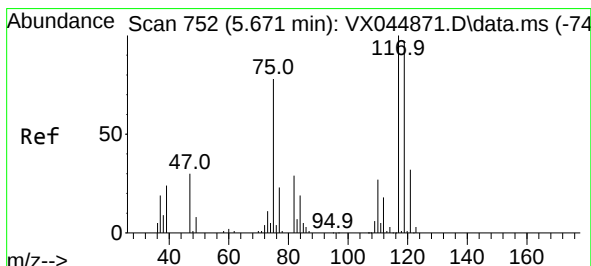
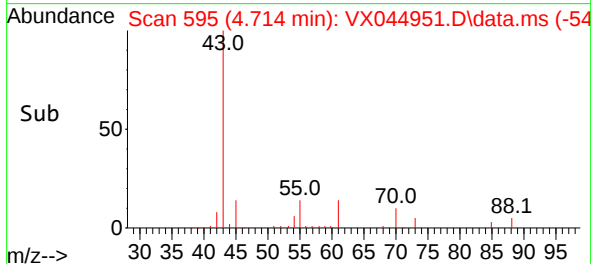
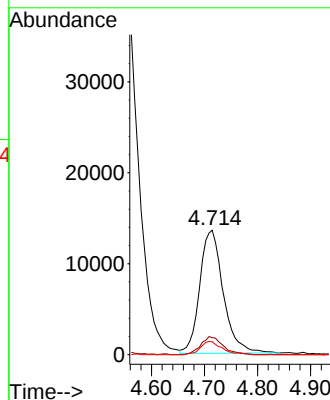
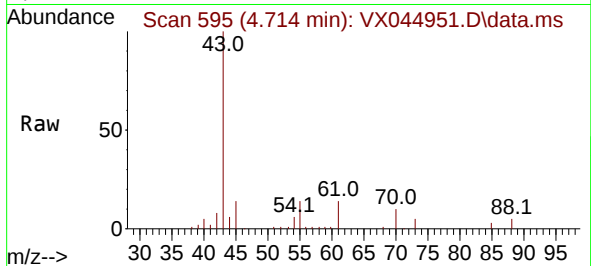
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	9.9	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#38

Carbon Tetrachloride

Concen: 20.174 ug/l

RT: 5.672 min Scan# 752

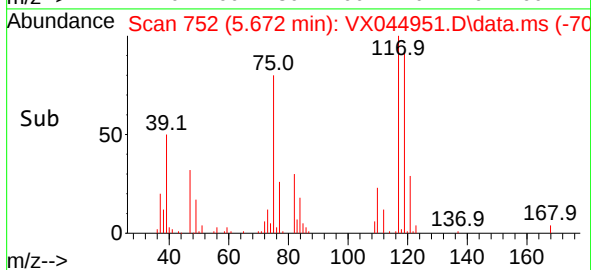
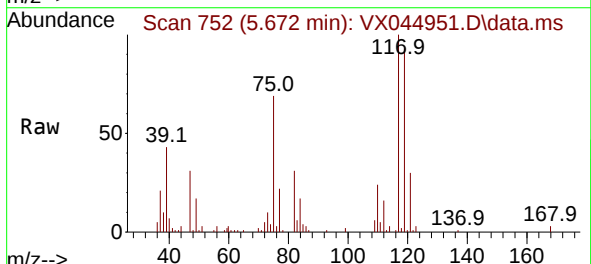
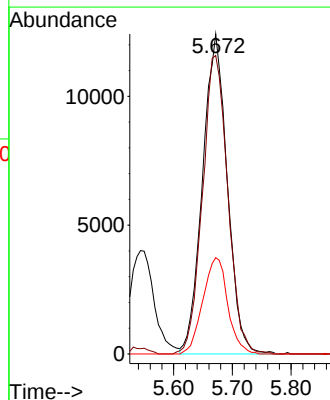
Delta R.T. 0.000 min

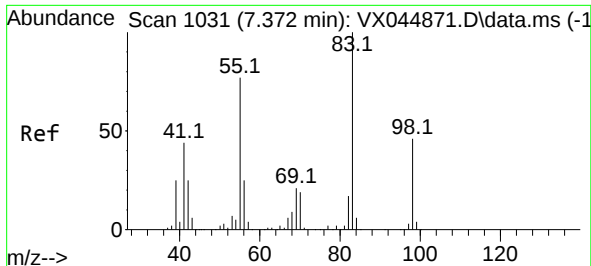
Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Tgt Ion:117 Resp: 36299

Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.5	116.3
121	30.1	25.6	38.4





#39

Methylcyclohexane

Concen: 19.769 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

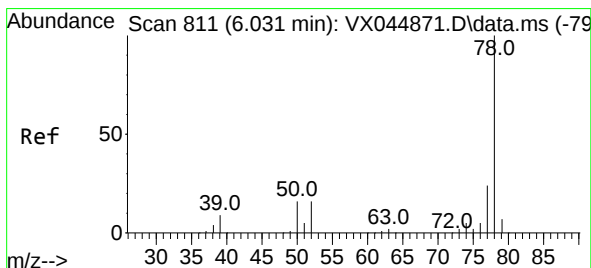
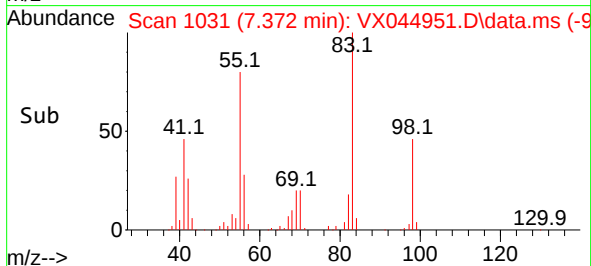
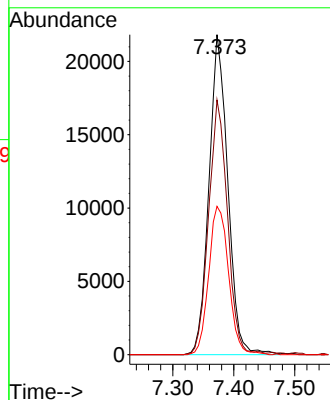
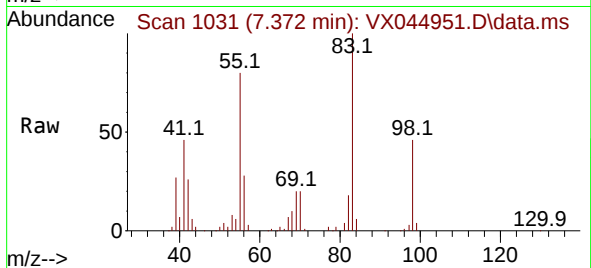
Tgt Ion: 83	Resp: 4692
Ion Ratio	Lower Upper
83 100	
55 79.6	61.3 91.9
98 46.4	37.0 55.6

Manual Integrations

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Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#40

Benzene

Concen: 19.958 ug/l

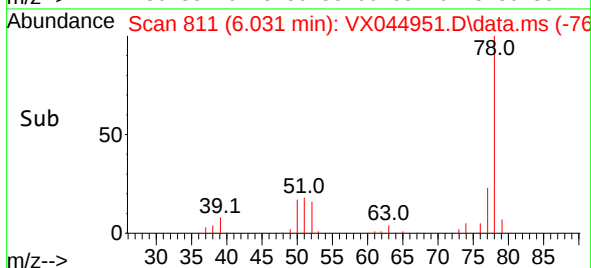
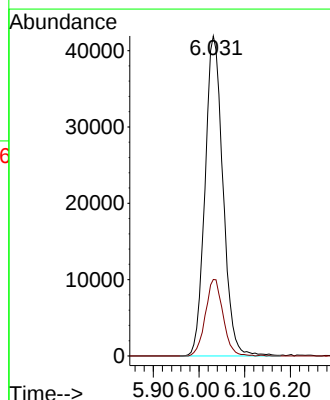
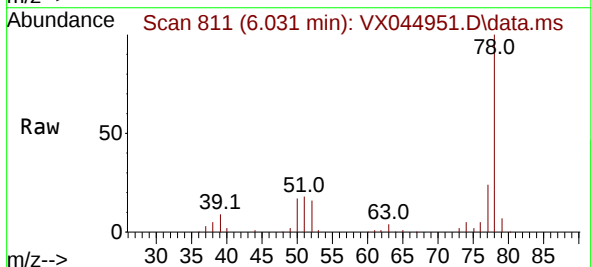
RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

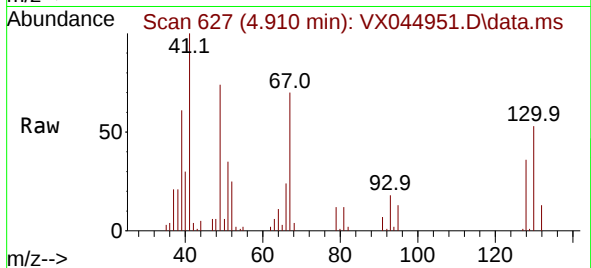
Tgt Ion: 78	Resp: 114429
Ion Ratio	Lower Upper
78 100	
77 23.9	19.0 28.6





#41
Methacrylonitrile
Concen: 21.685 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

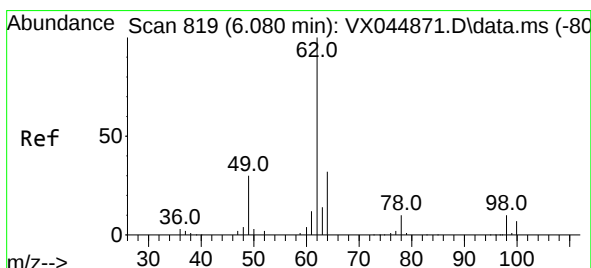
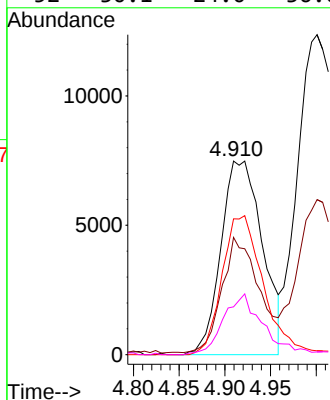
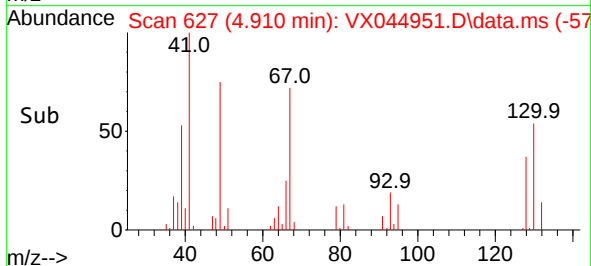
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 41 Resp: 2370
Ion Ratio Lower Upper
41 100
39 53.5 43.1 64.7
67 71.4 57.0 85.6
52 30.1 24.0 36.0

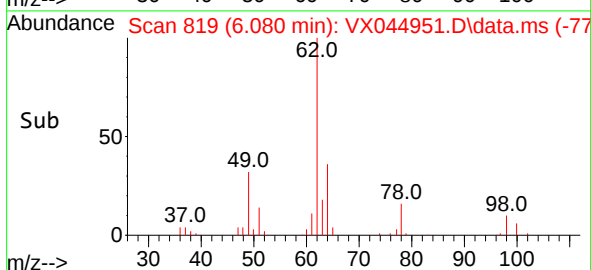
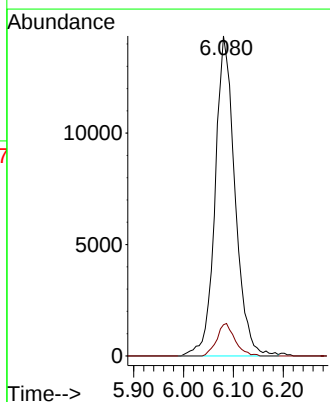
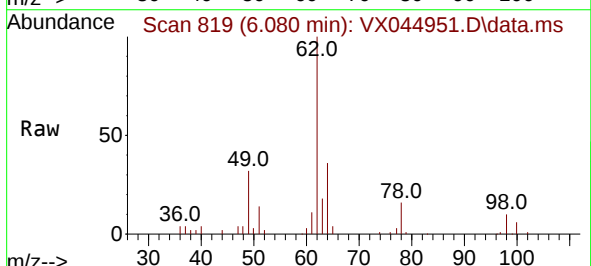
Manual Integrations
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Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 21.773 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

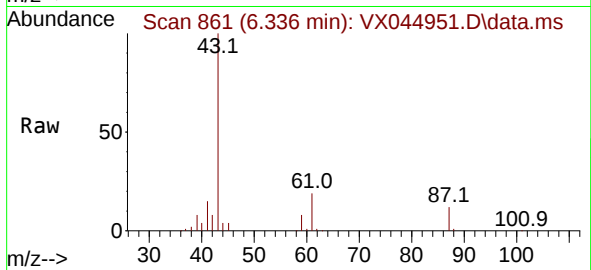
Tgt Ion: 62 Resp: 39785
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.524 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

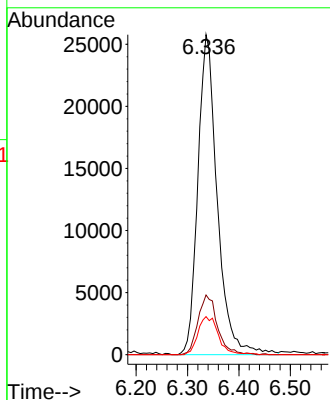
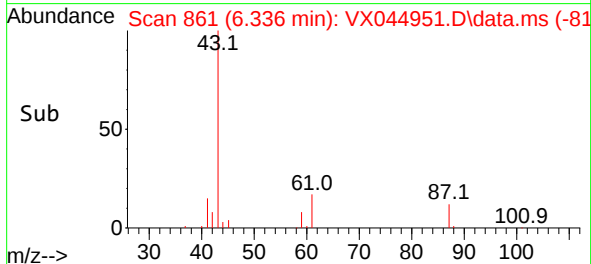
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 43 Resp: 6768
Ion Ratio Lower Upper
43 100
61 18.7 15.8 23.8
87 12.4 10.0 15.0

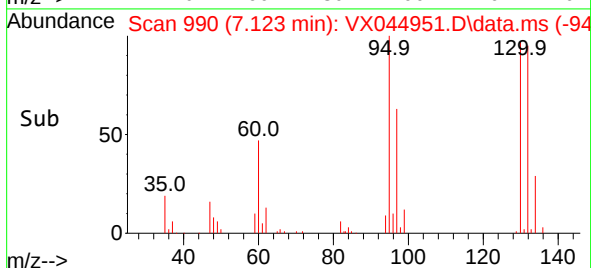
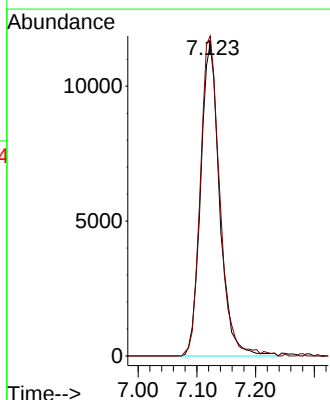
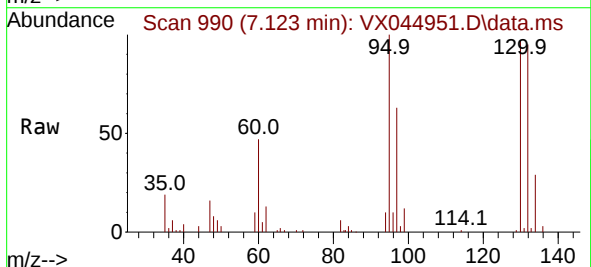
Manual Integrations
APPROVED

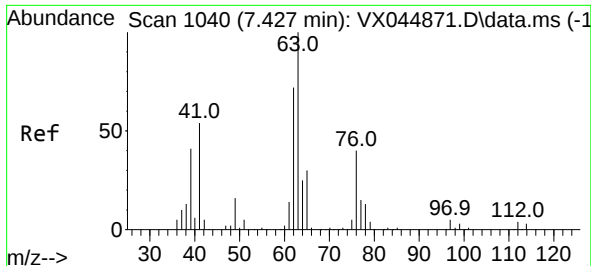
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 19.823 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

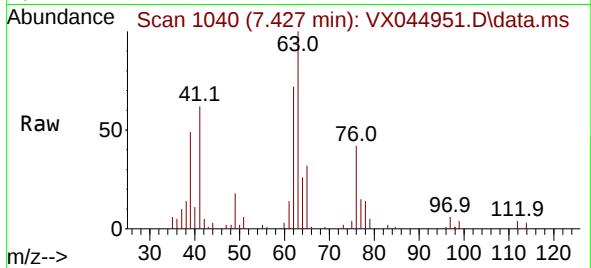
Tgt Ion:130 Resp: 25978
Ion Ratio Lower Upper
130 100
95 102.6 0.0 202.4





#45
1,2-Dichloropropane
Concen: 20.145 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

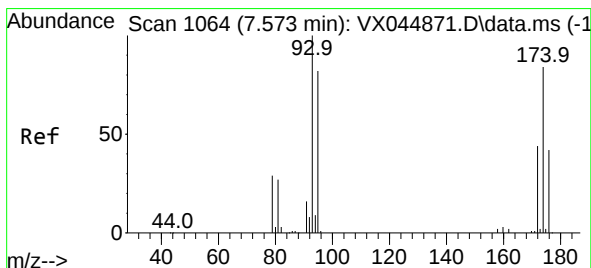
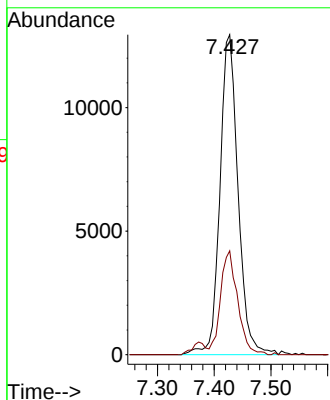
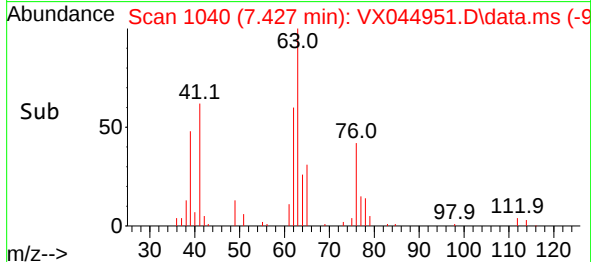
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 63 Resp: 28734
Ion Ratio Lower Upper
63 100
65 32.5 24.2 36.4

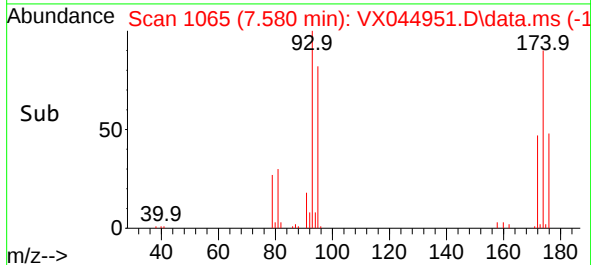
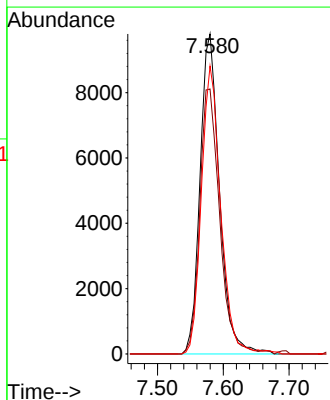
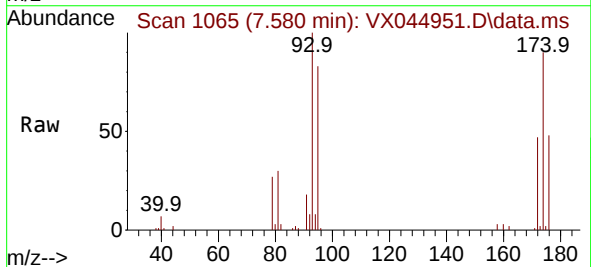
Manual Integrations
APPROVED

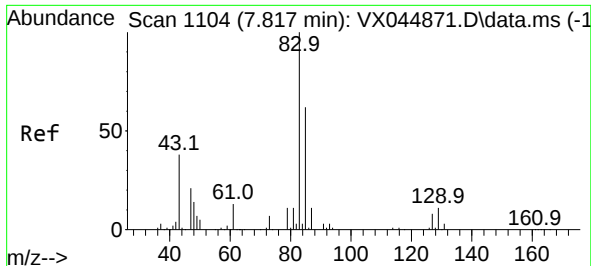
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#46
Dibromomethane
Concen: 20.383 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

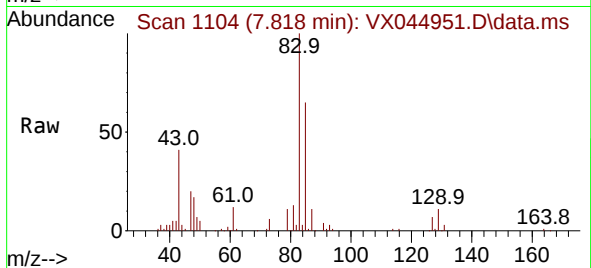
Tgt Ion: 93 Resp: 20163
Ion Ratio Lower Upper
93 100
95 84.6 66.2 99.4
174 89.5 69.9 104.9





#47
Bromodichloromethane
Concen: 20.896 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

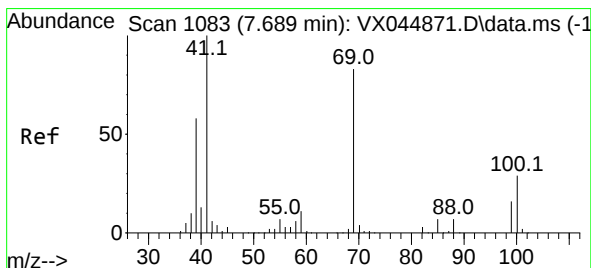
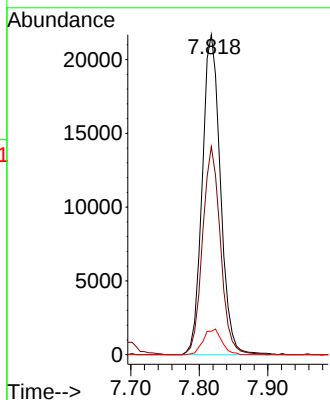
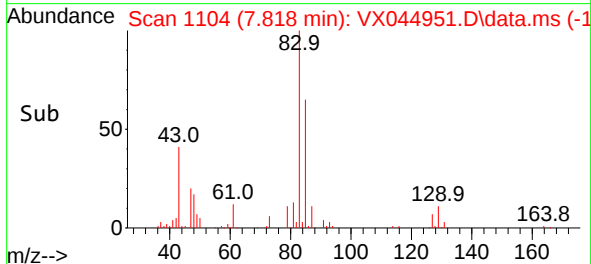
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 83 Resp: 40024
Ion Ratio Lower Upper
83 100
85 65.0 50.0 75.0
127 7.3 6.4 9.6

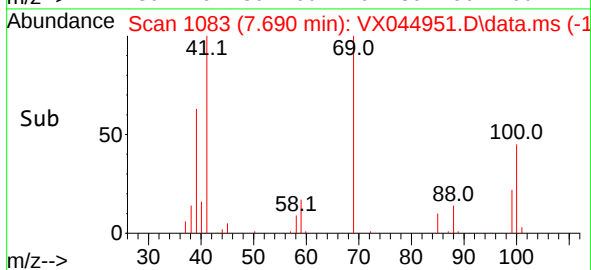
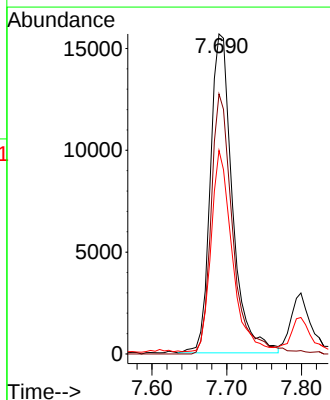
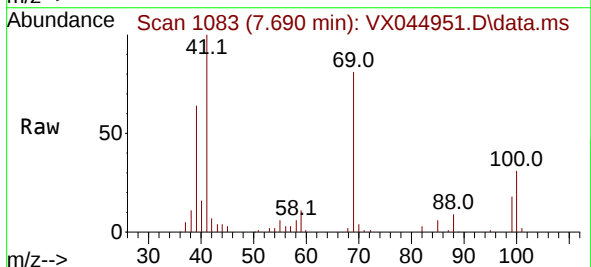
Manual Integrations
APPROVED

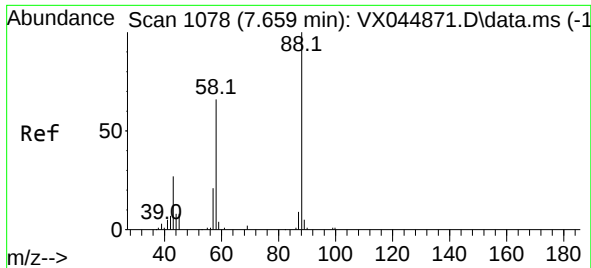
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#48
Methyl methacrylate
Concen: 20.739 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

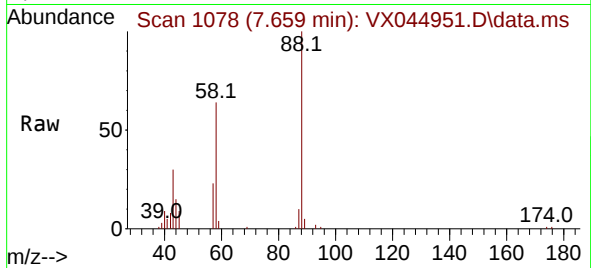
Tgt Ion: 41 Resp: 32249
Ion Ratio Lower Upper
41 100
69 80.7 65.8 98.8
39 60.1 46.4 69.6





#49
1,4-Dioxane
Concen: 443.128 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

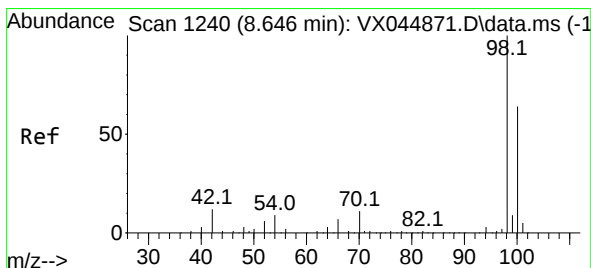
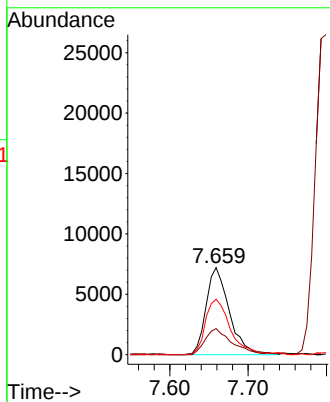
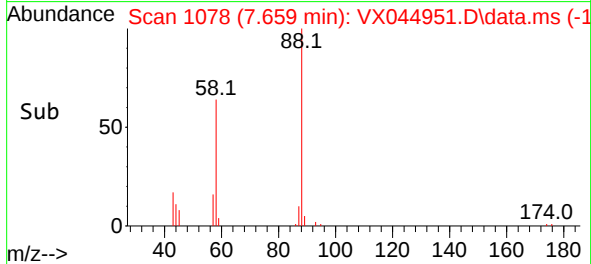
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 88 Resp: 14784
Ion Ratio Lower Upper
88 100
43 35.4 26.6 39.8
58 68.1 55.9 83.9

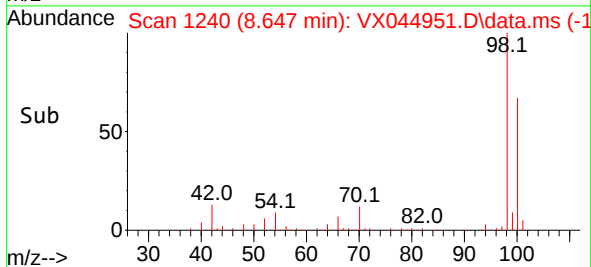
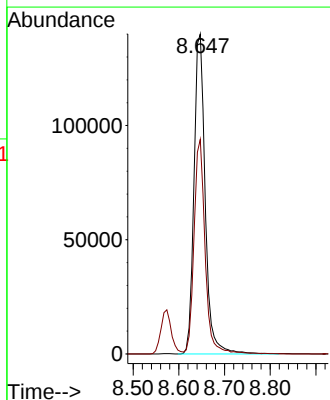
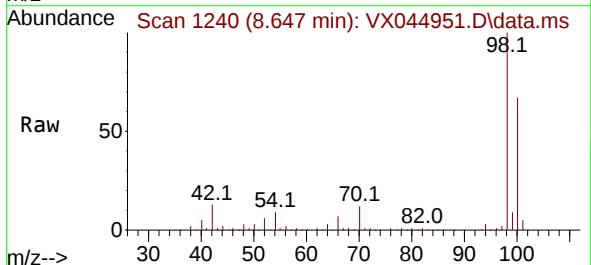
Manual Integrations
APPROVED

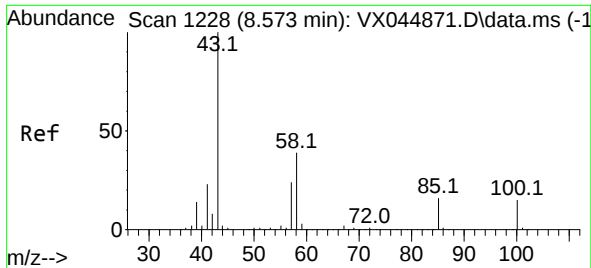
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#50
Toluene-d8
Concen: 49.736 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

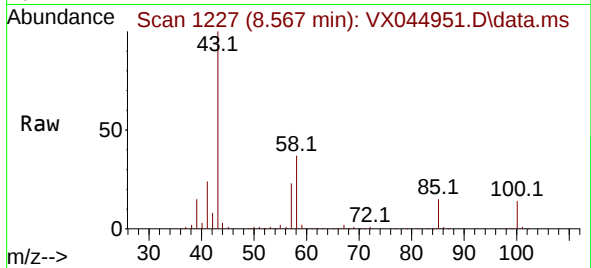
Tgt Ion: 98 Resp: 239351
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 112.703 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

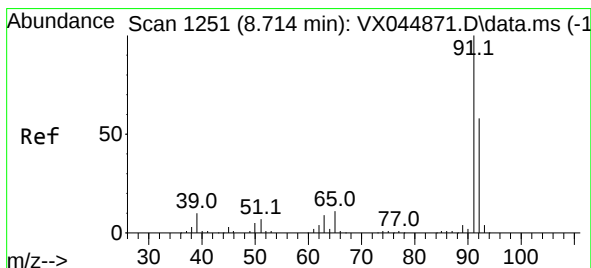
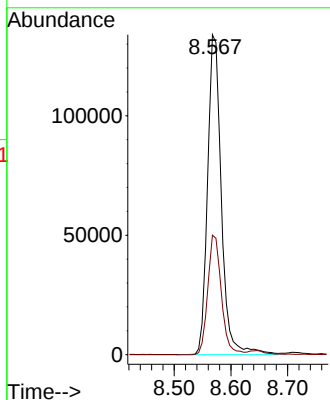
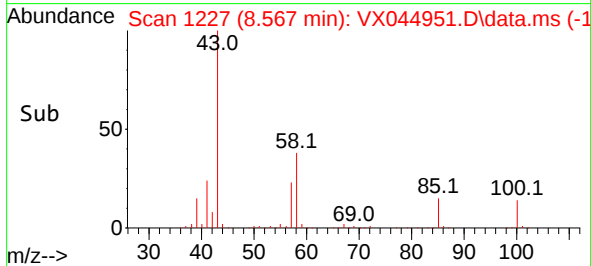
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 43 Resp: 225960
Ion Ratio Lower Upper
43 100
58 36.8 30.8 46.2

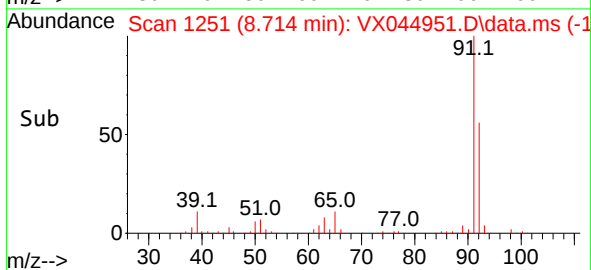
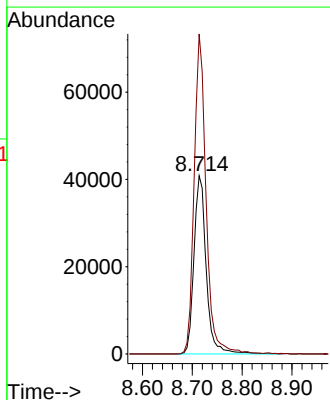
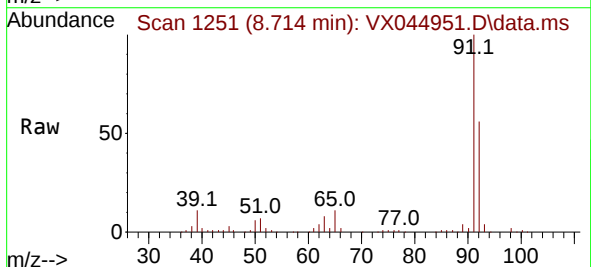
Manual Integrations
APPROVED

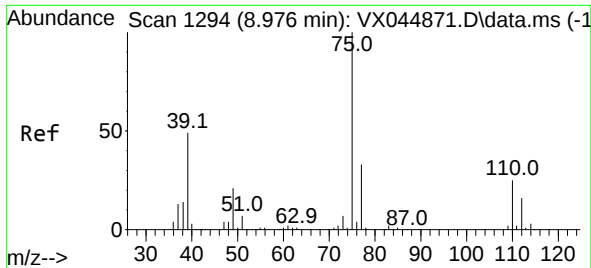
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#52
Toluene
Concen: 20.427 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

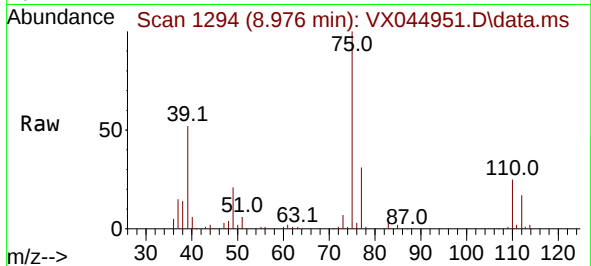
Tgt Ion: 92 Resp: 69748
Ion Ratio Lower Upper
92 100
91 174.6 137.4 206.2





#53
t-1,3-Dichloropropene
Concen: 19.176 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

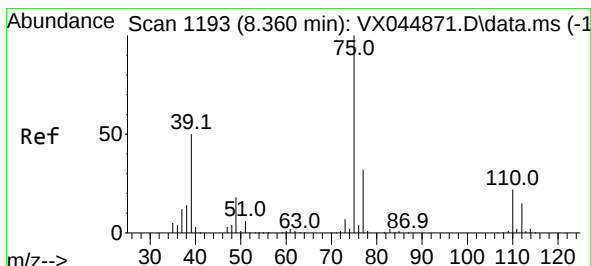
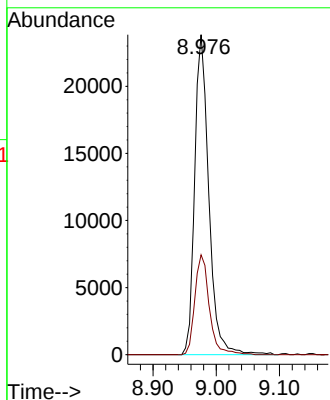
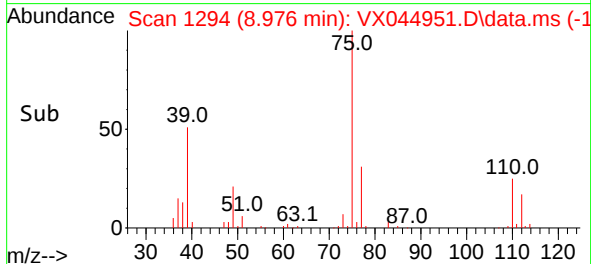
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



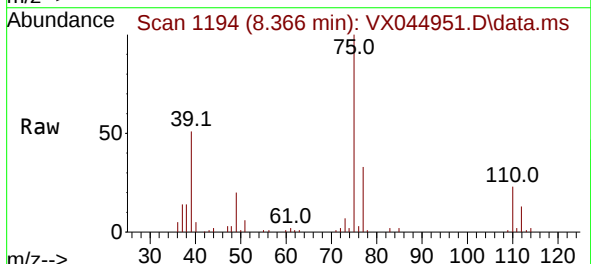
Tgt Ion: 75 Resp: 37169
Ion Ratio Lower Upper
75 100
77 31.2 26.0 39.0

Manual Integrations
APPROVED

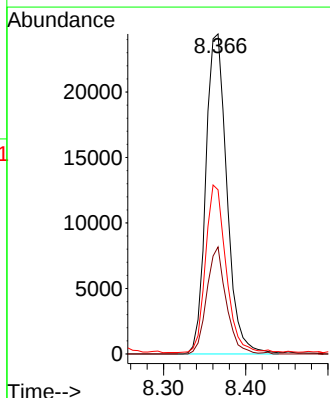
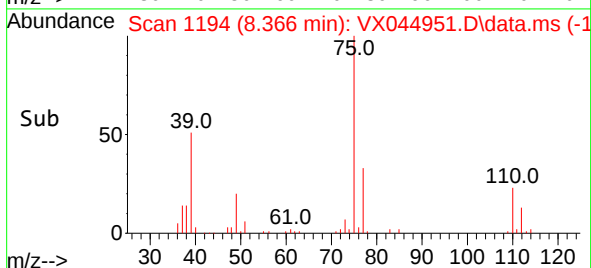
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

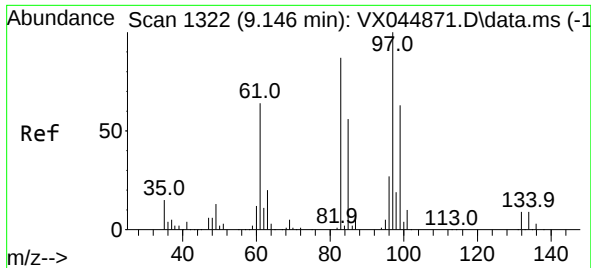


#54
cis-1,3-Dichloropropene
Concen: 20.090 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14



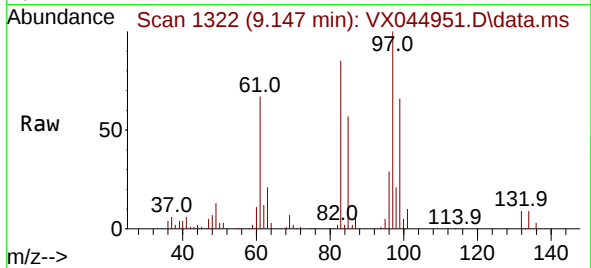
Tgt Ion: 75 Resp: 43416
Ion Ratio Lower Upper
75 100
77 33.4 25.3 37.9
39 50.9 40.0 60.0





#55
1,1,2-Trichloroethane
Concen: 21.245 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

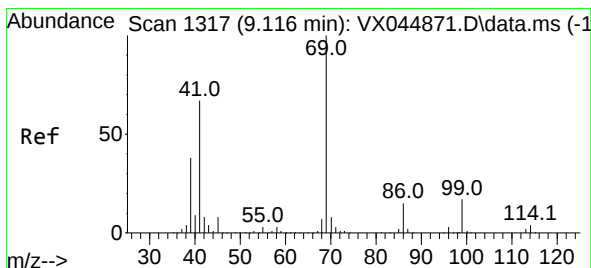
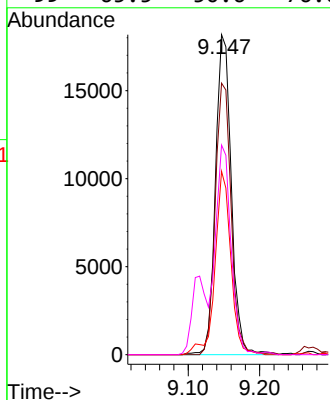
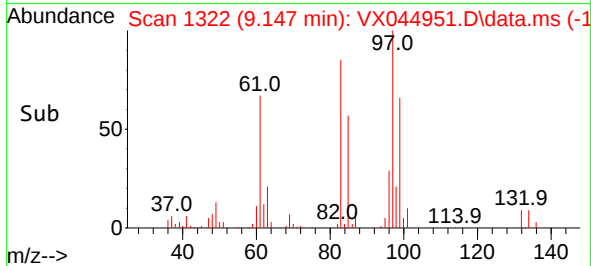
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 97 Resp: 27880
Ion Ratio Lower Upper
97 100
83 84.9 69.8 104.6
85 57.3 44.8 67.2
99 65.5 50.6 76.0

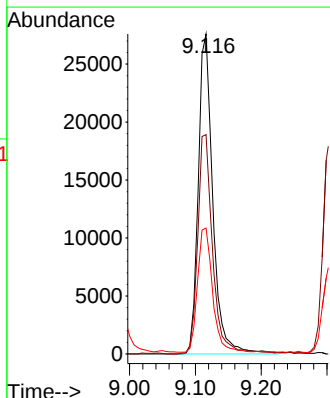
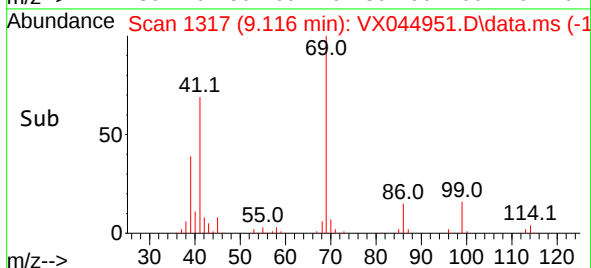
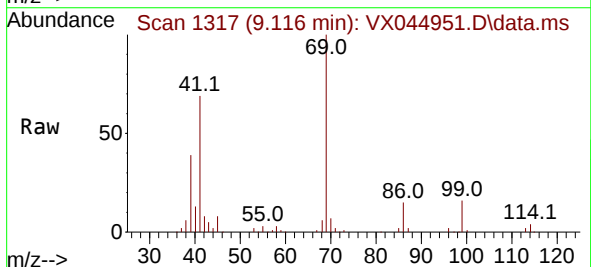
Manual Integrations
APPROVED

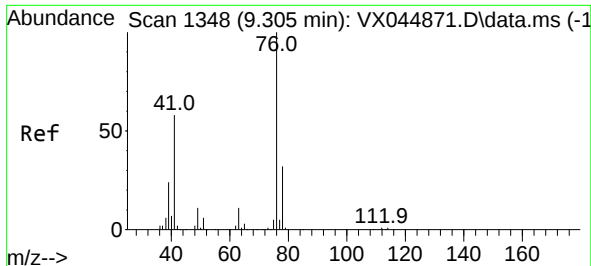
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#56
Ethyl methacrylate
Concen: 20.021 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Tgt Ion: 69 Resp: 42444
Ion Ratio Lower Upper
69 100
41 70.6 55.2 82.8
39 39.9 30.8 46.2





#57

1,3-Dichloropropane

Concen: 20.820 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

Tgt Ion: 76 Resp: 4781

Ion Ratio Lower Upper

76 100

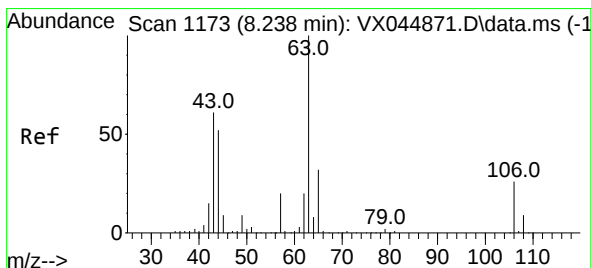
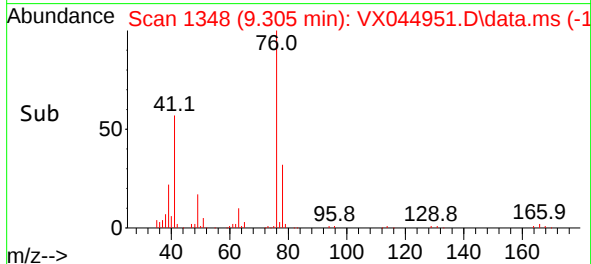
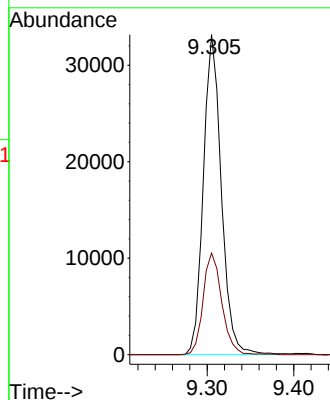
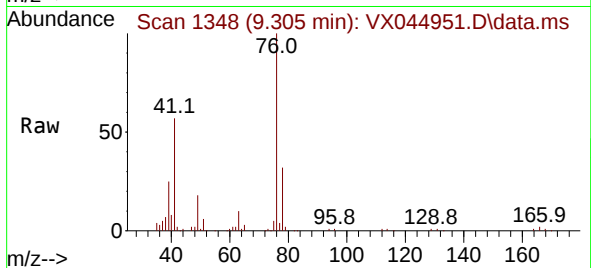
78 33.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#58

2-Chloroethyl Vinyl ether

Concen: 103.151 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044951.D

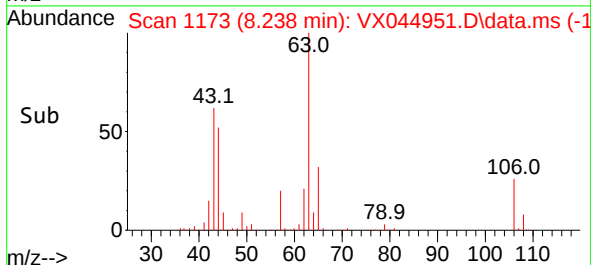
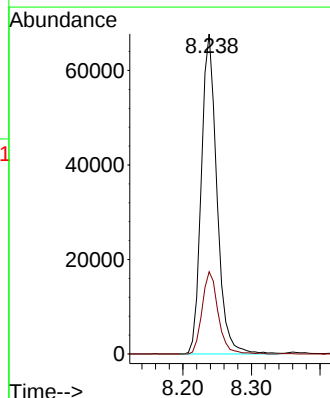
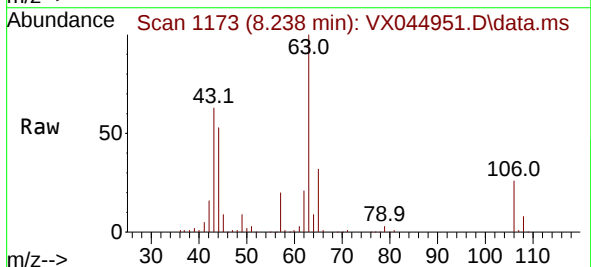
Acq: 14 Feb 2025 11:14

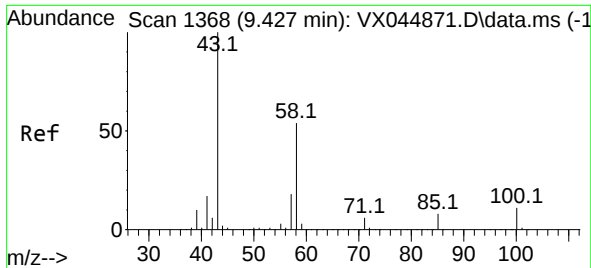
Tgt Ion: 63 Resp: 107373

Ion Ratio Lower Upper

63 100

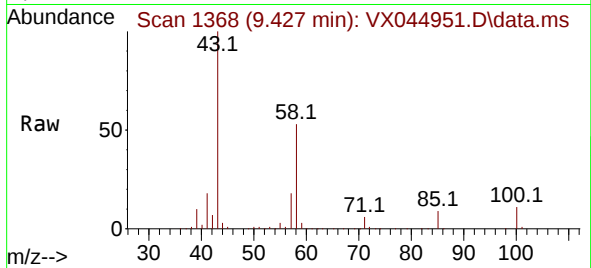
106 26.4 21.3 31.9





#59
2-Hexanone
Concen: 115.365 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

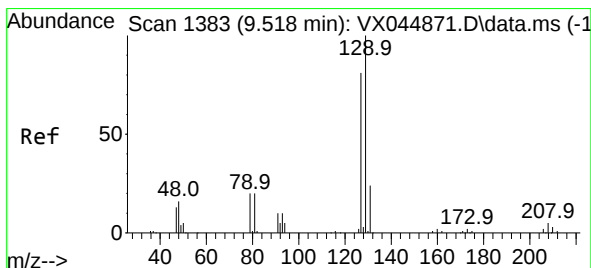
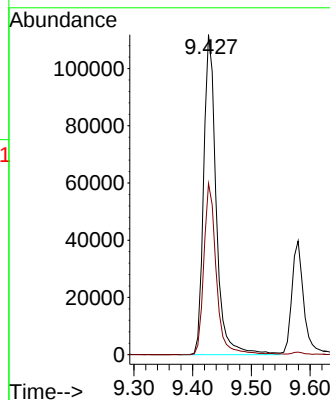
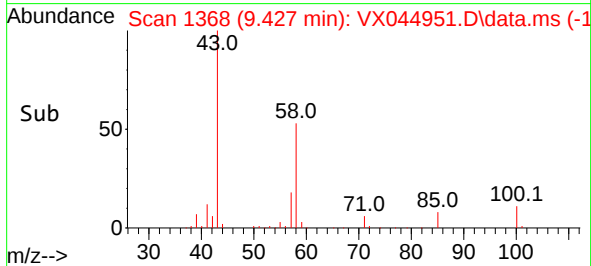
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 43 Resp: 16665
Ion Ratio Lower Upper
43 100
58 52.8 27.5 82.4

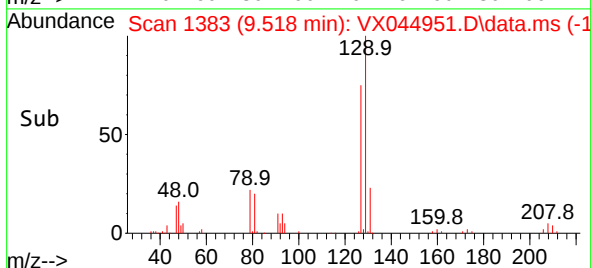
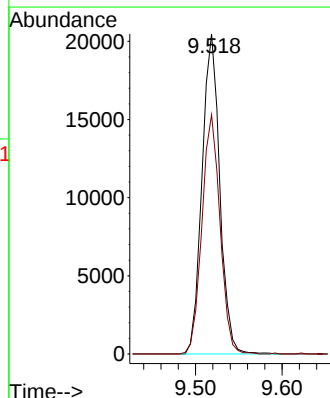
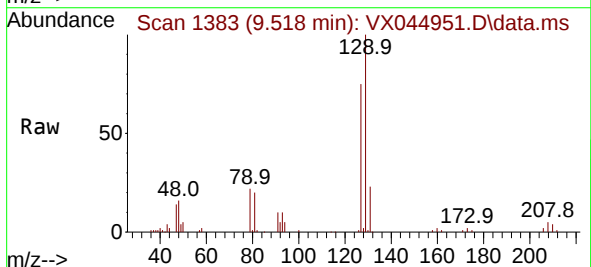
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#60
Dibromochloromethane
Concen: 20.721 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

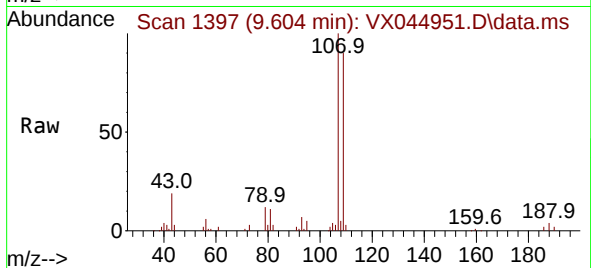
Tgt Ion:129 Resp: 29087
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.3





#61
1,2-Dibromoethane
Concen: 21.163 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

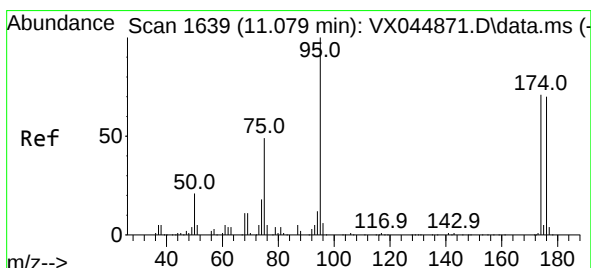
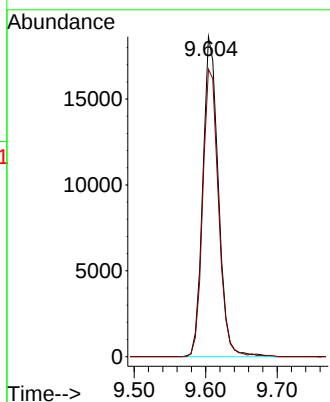
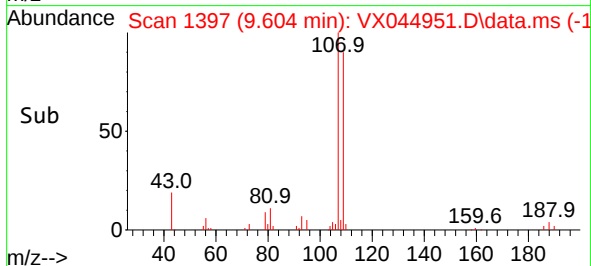
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion:107 Resp: 2815
Ion Ratio Lower Upper
107 100
109 91.6 75.9 113.9

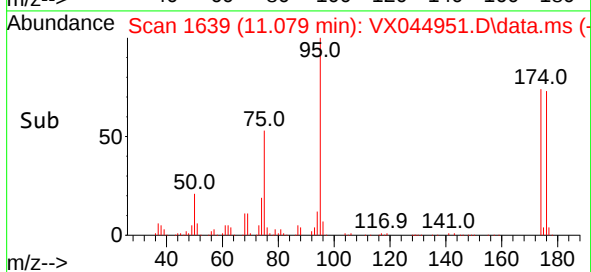
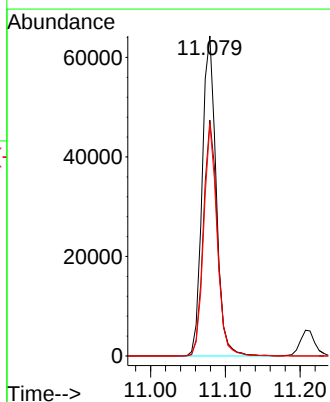
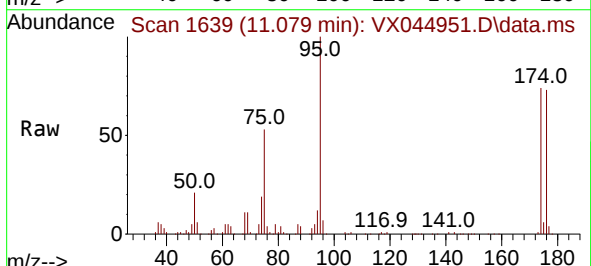
Manual Integrations
APPROVED

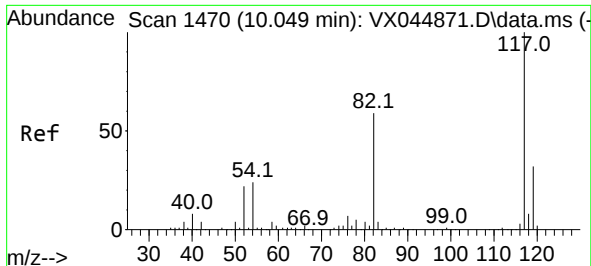
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#62
4-Bromofluorobenzene
Concen: 51.472 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

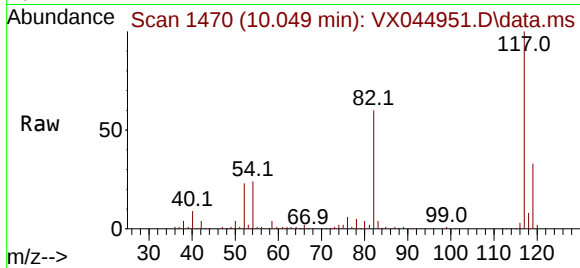
Tgt Ion: 95 Resp: 83506
Ion Ratio Lower Upper
95 100
174 74.0 0.0 142.6
176 69.6 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

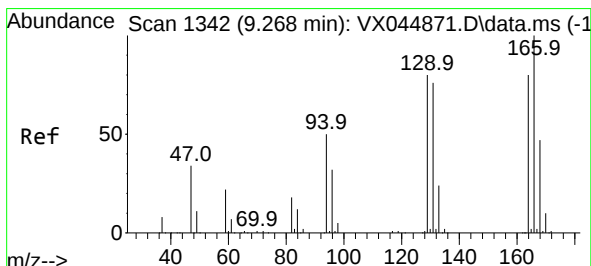
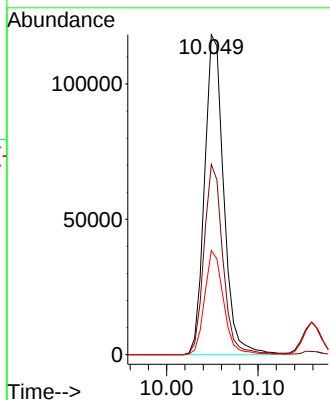
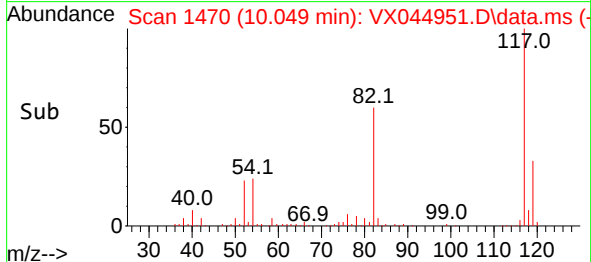
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion:117 Resp: 172020
Ion Ratio Lower Upper
117 100
82 59.5 47.5 71.3
119 32.5 25.4 38.0

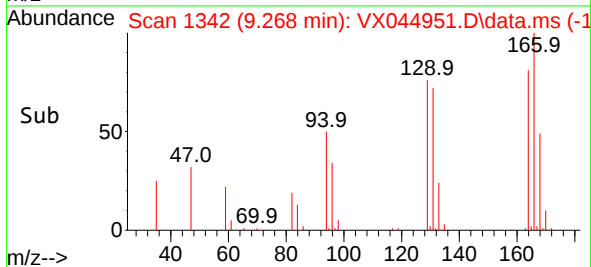
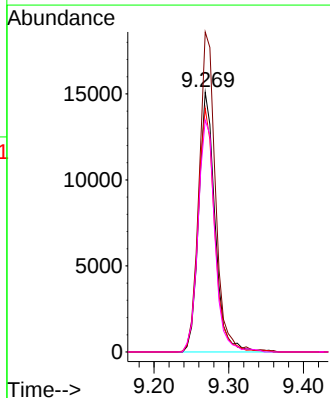
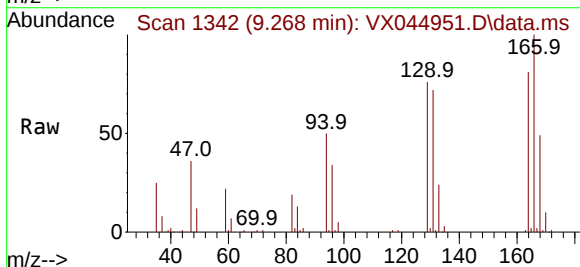
Manual Integrations
APPROVED

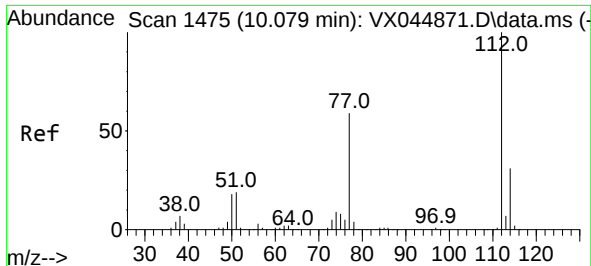
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#64
Tetrachloroethene
Concen: 20.951 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Tgt Ion:164 Resp: 22728
Ion Ratio Lower Upper
164 100
166 123.3 100.4 150.6
129 93.7 79.9 119.9
131 89.3 75.9 113.9





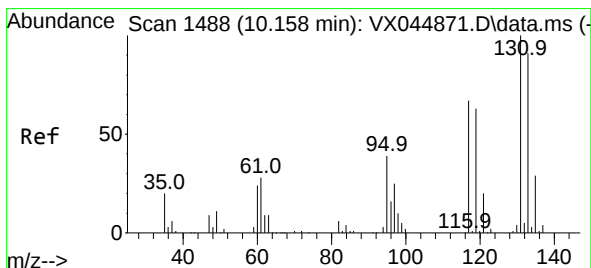
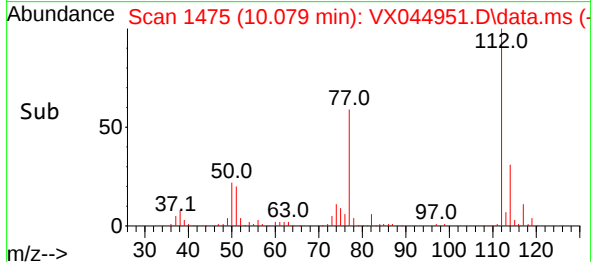
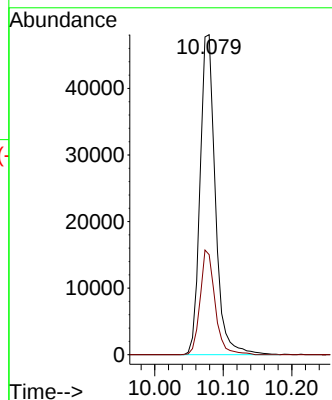
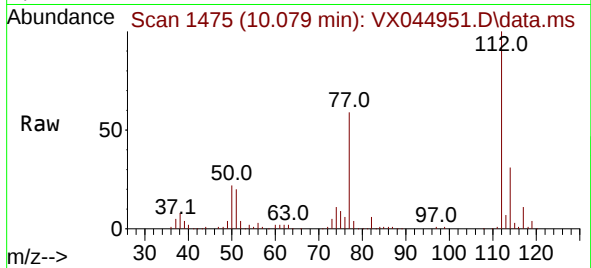
#65
Chlorobenzene
Concen: 20.200 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

Tgt Ion:112 Resp: 7463
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6

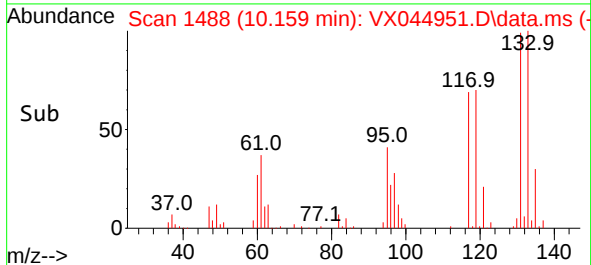
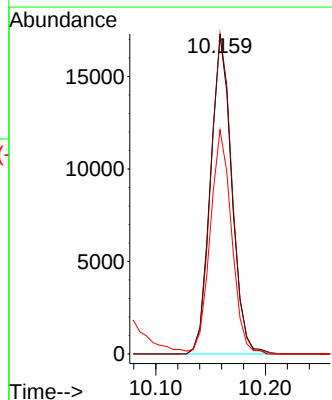
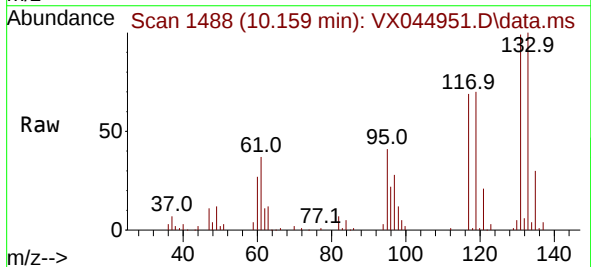
Manual Integrations
APPROVED

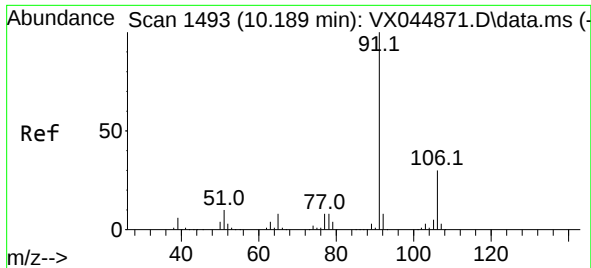
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.514 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

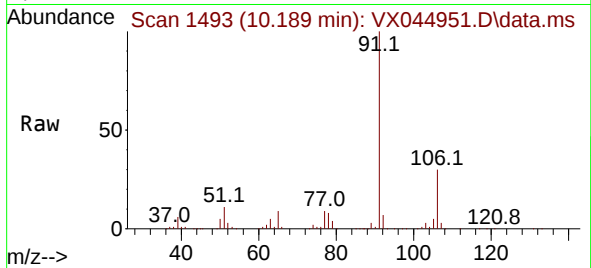
Tgt Ion:131 Resp: 23206
Ion Ratio Lower Upper
131 100
133 99.9 47.1 141.3
119 70.7 33.6 100.6





#67
Ethyl Benzene
Concen: 20.199 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

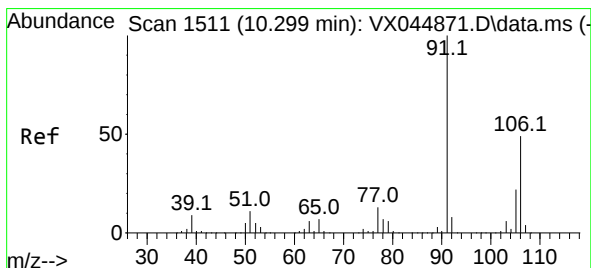
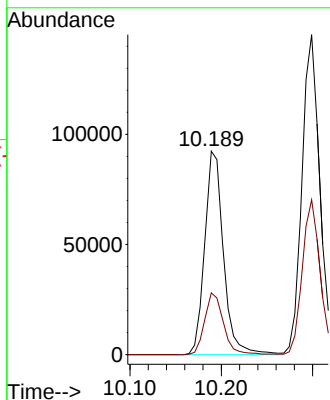
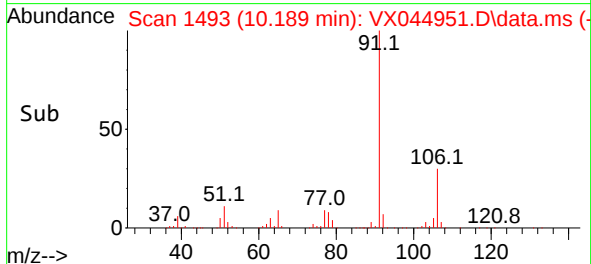
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



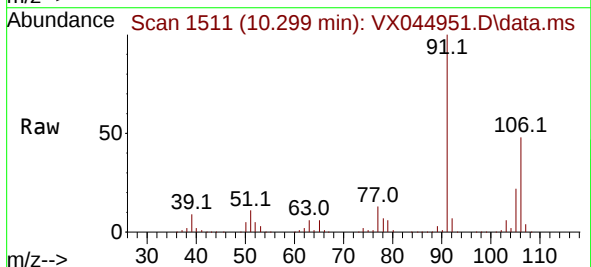
Tgt Ion: 91 Resp: 131698
Ion Ratio Lower Upper
91 100
106 30.3 23.9 35.9

Manual Integrations
APPROVED

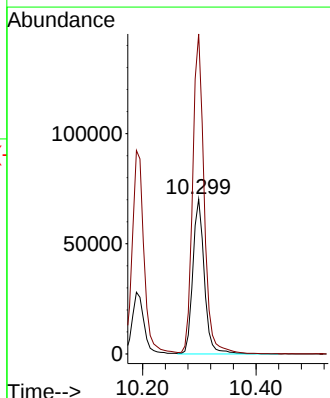
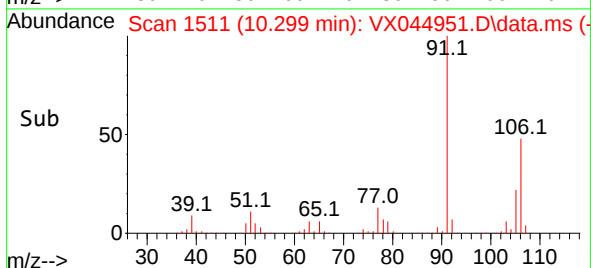
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

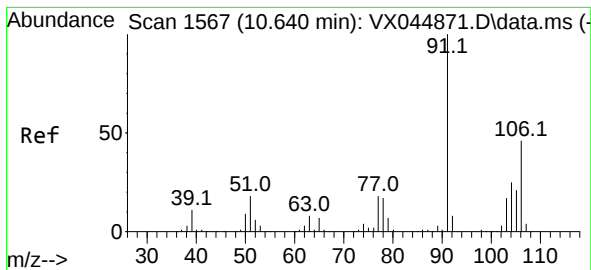


#68
m/p-Xylenes
Concen: 41.113 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14



Tgt Ion:106 Resp: 98883
Ion Ratio Lower Upper
106 100
91 205.8 164.3 246.5





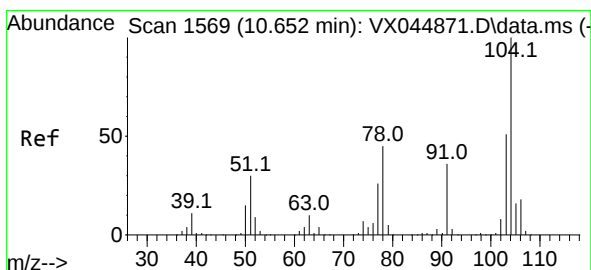
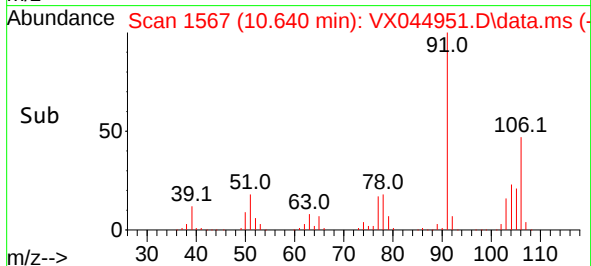
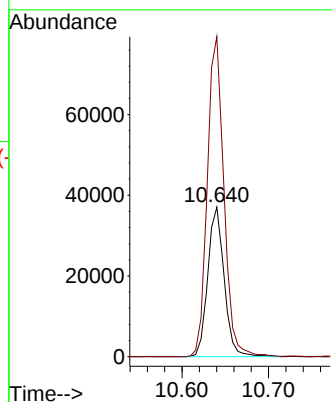
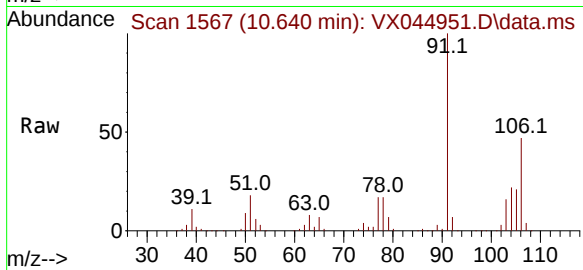
#69
o-Xylene
Concen: 20.177 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

Tgt Ion:106 Resp: 48694
Ion Ratio Lower Upper
106 100
91 217.1 108.5 325.5

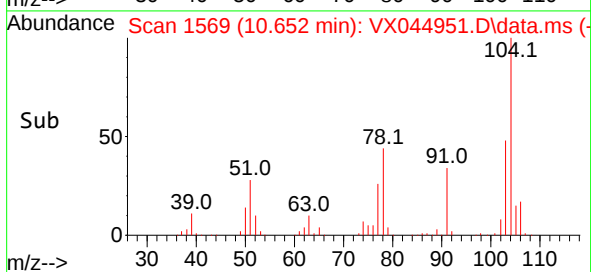
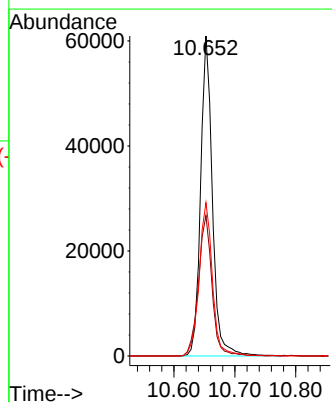
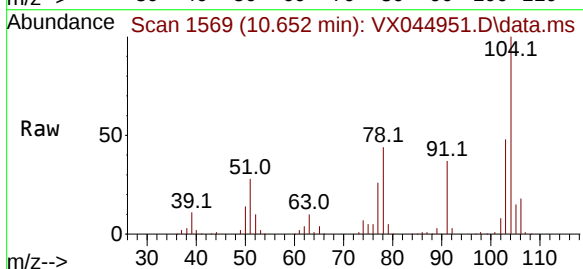
Manual Integrations
APPROVED

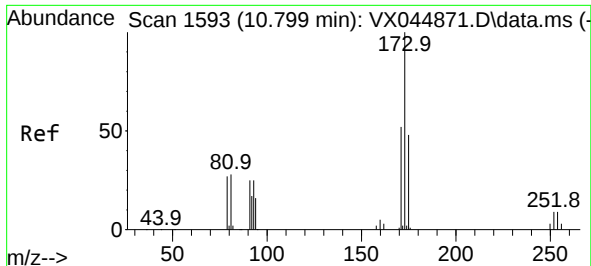
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#70
Styrene
Concen: 21.020 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

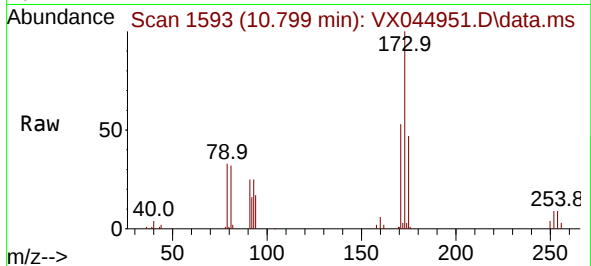
Tgt Ion:104 Resp: 81730
Ion Ratio Lower Upper
104 100
78 50.5 40.5 60.7
103 54.2 43.6 65.4





#71
Bromoform
Concen: 20.750 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

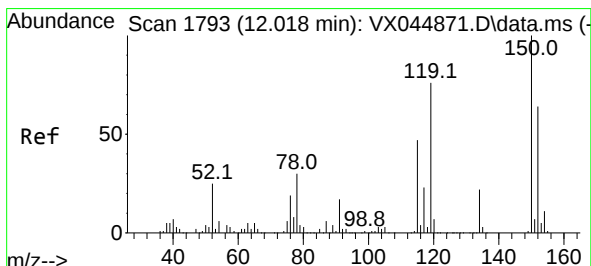
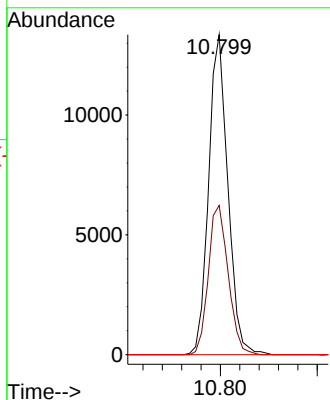
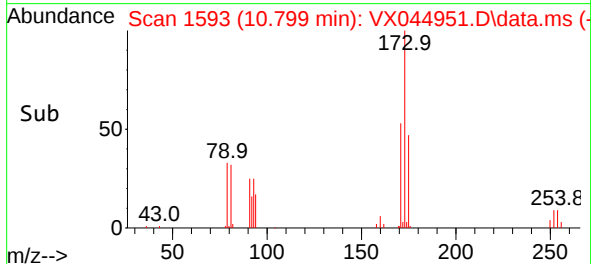
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



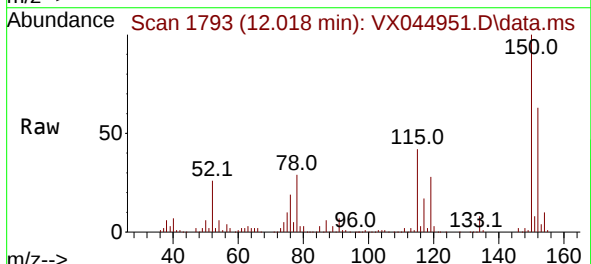
Tgt Ion:173 Resp: 18410
Ion Ratio Lower Upper
173 100
175 48.3 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

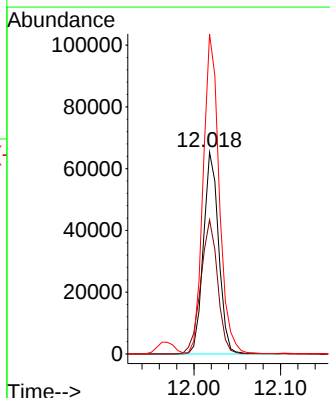
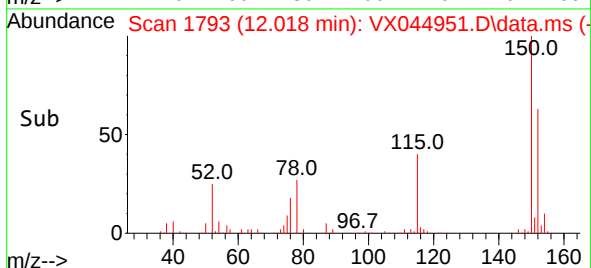
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

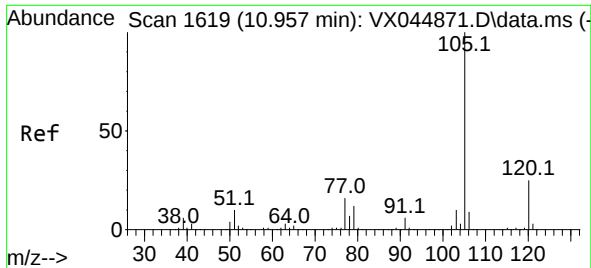


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14



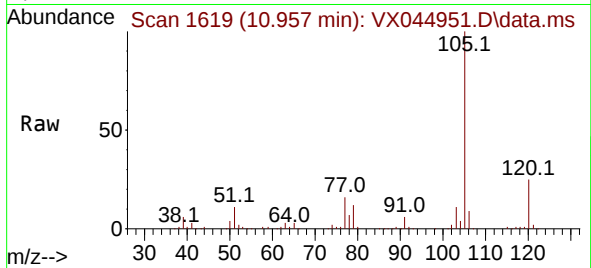
Tgt Ion:152 Resp: 79806
Ion Ratio Lower Upper
152 100
115 73.4 43.4 130.1
150 165.9 0.0 350.4





#73
Isopropylbenzene
Concen: 19.326 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

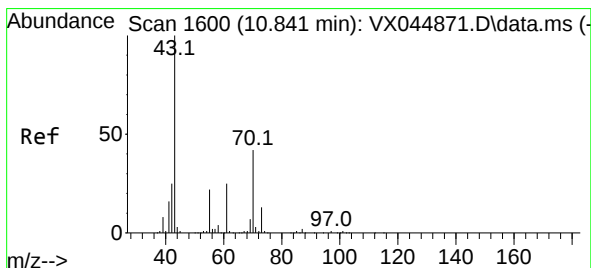
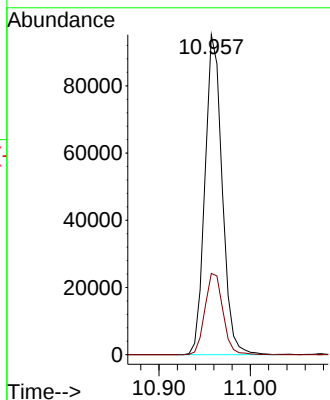
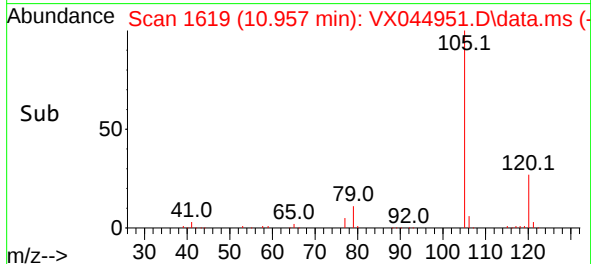
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion:105 Resp: 12418
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5

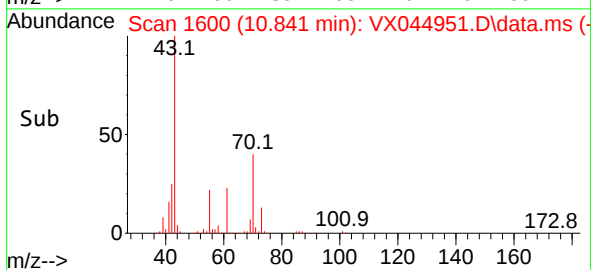
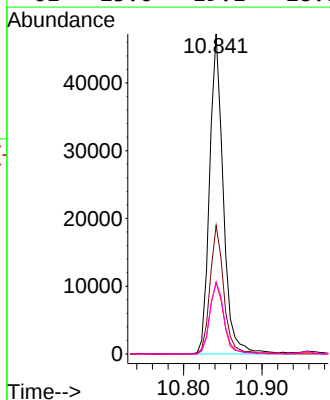
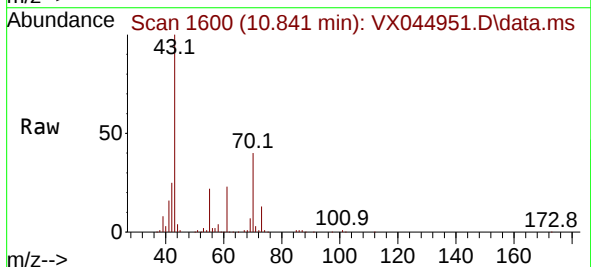
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#74
N-ethyl acetate
Concen: 19.677 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Tgt Ion: 43 Resp: 57217
Ion Ratio Lower Upper
43 100
70 40.2 33.7 50.5
55 23.2 18.6 27.8
61 23.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.979 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

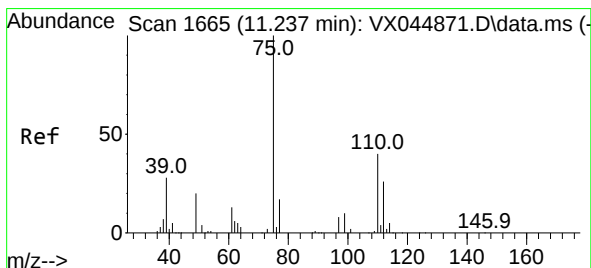
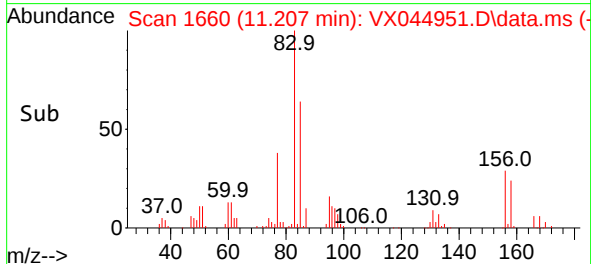
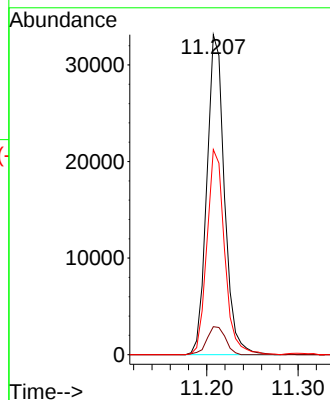
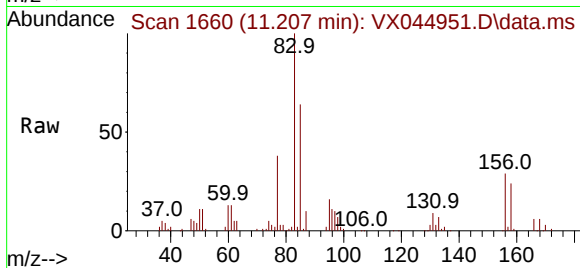
Tgt Ion: 83 Resp: 44110
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.5 13.5
 85 64.5 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#76

1,2,3-Trichloropropane

Concen: 20.404 ug/l m

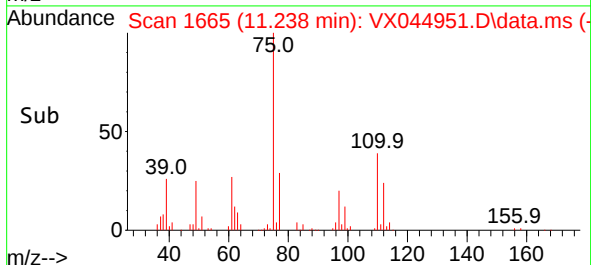
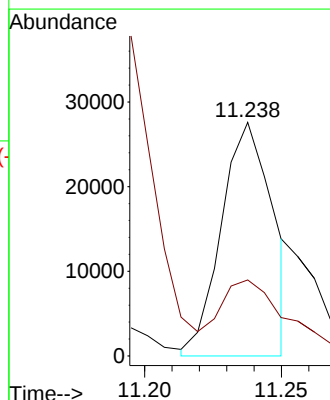
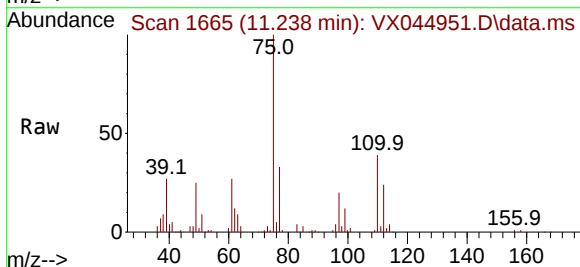
RT: 11.238 min Scan# 1665

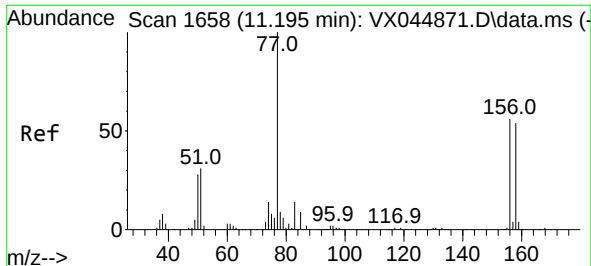
Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

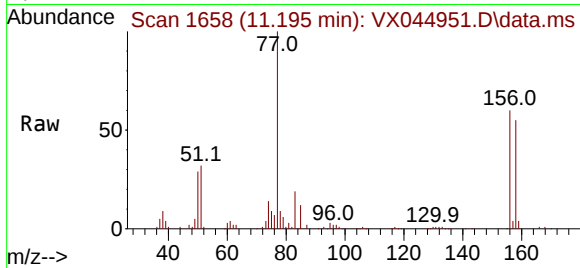
Tgt Ion: 75 Resp: 36103
 Ion Ratio Lower Upper
 75 100
 77 43.2 21.9 65.7





#77
Bromobenzene
Concen: 20.519 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

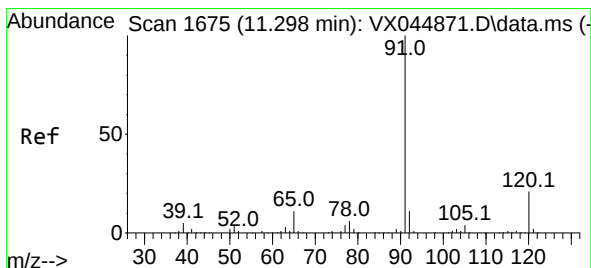
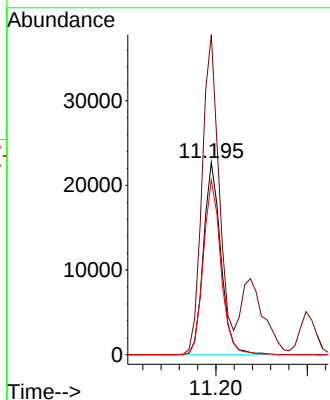
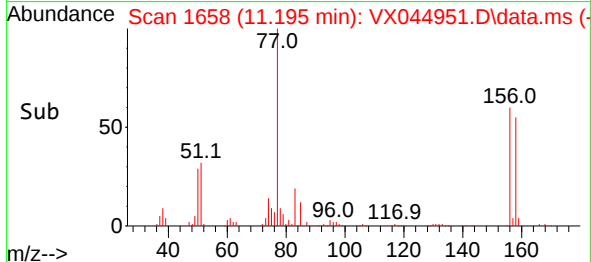
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



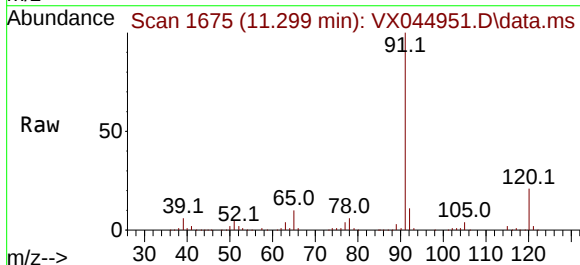
Tgt Ion:156 Resp: 2989
Ion Ratio Lower Upper
156 100
77 164.5 88.4 265.3
158 92.2 48.4 145.2

Manual Integrations
APPROVED

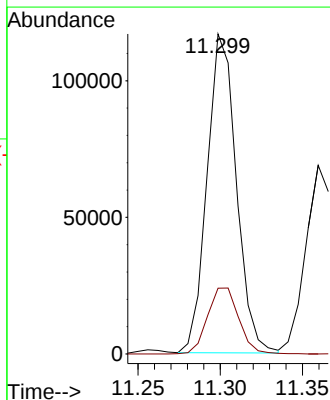
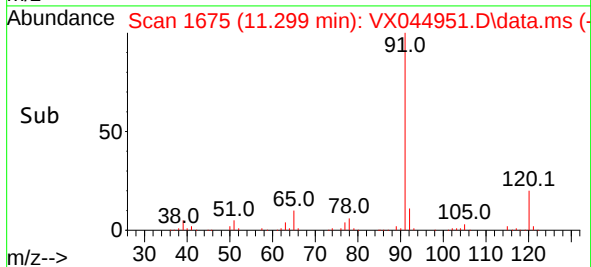
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#78
n-propylbenzene
Concen: 19.510 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14



Tgt Ion: 91 Resp: 144703
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3





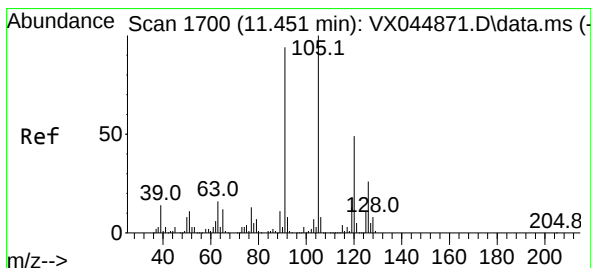
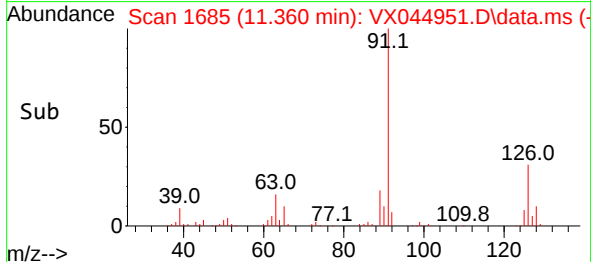
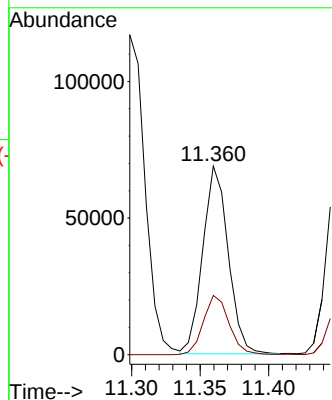
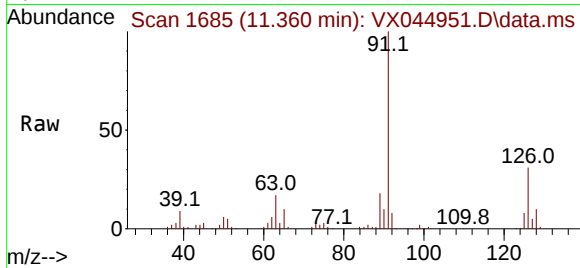
#79
2-Chlorotoluene
Concen: 19.454 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

Tgt Ion: 91 Resp: 88678
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.6

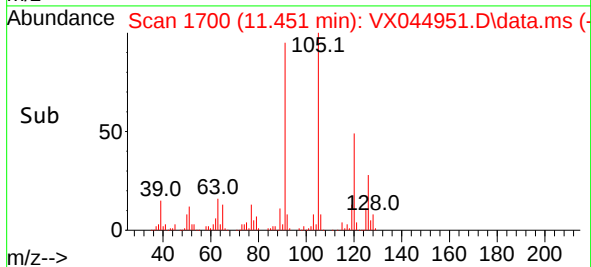
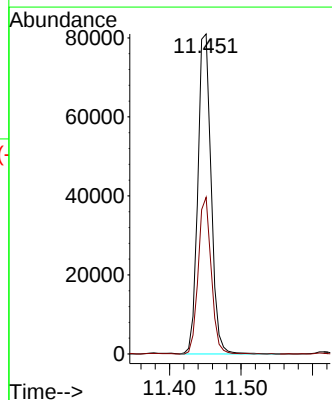
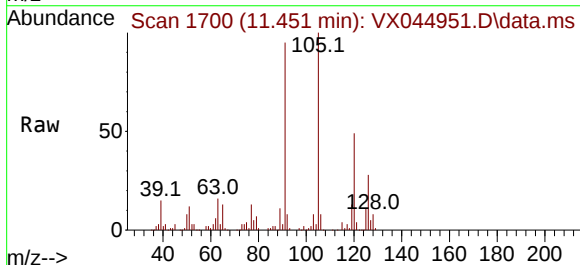
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.987 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

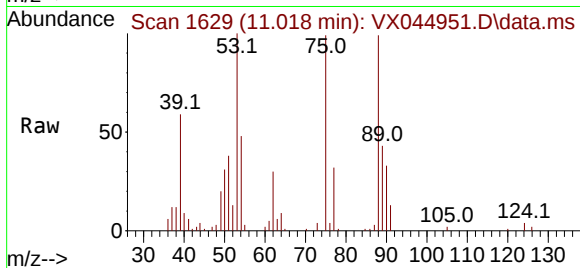
Tgt Ion:105 Resp: 104223
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 16.914 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

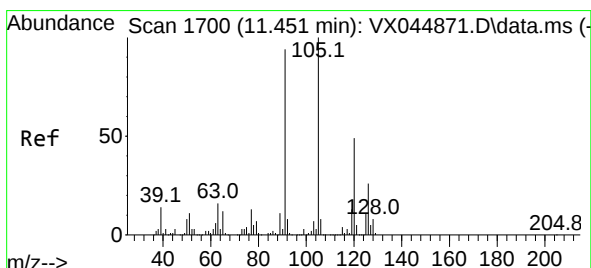
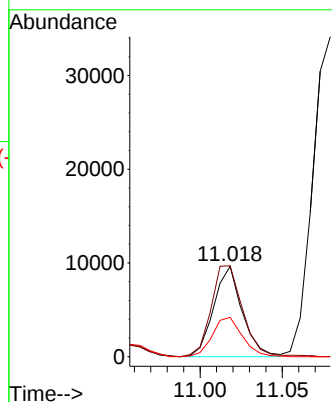
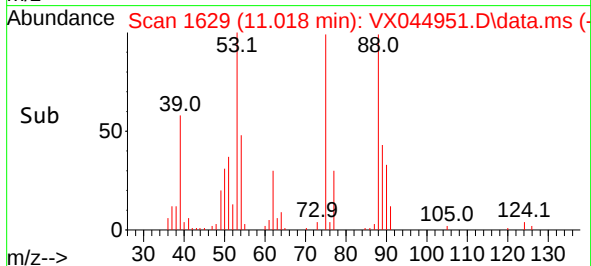
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 75 Resp: 11634
Ion Ratio Lower Upper
75 100
53 111.0 78.0 117.0
89 45.9 36.6 54.8

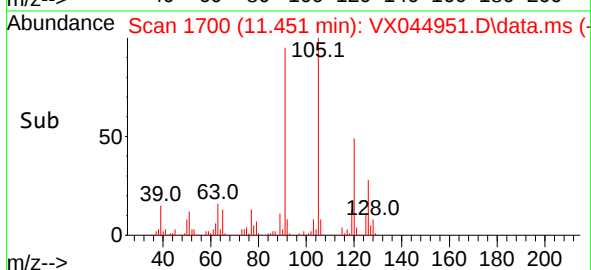
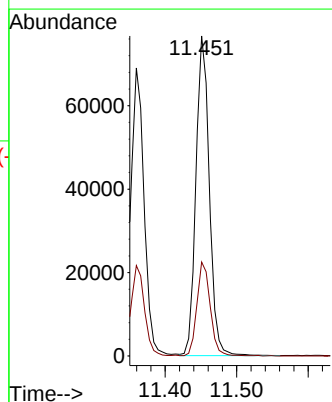
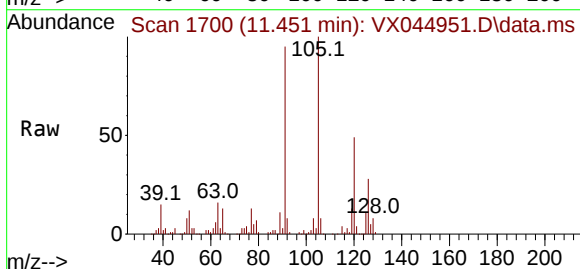
Manual Integrations
APPROVED

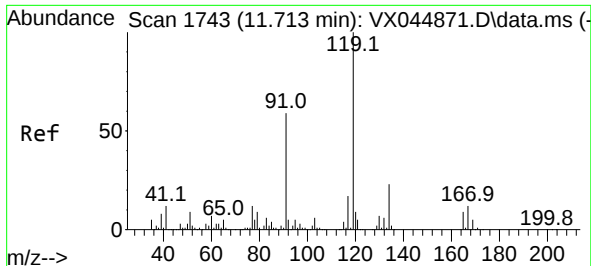
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#82
4-Chlorotoluene
Concen: 19.736 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

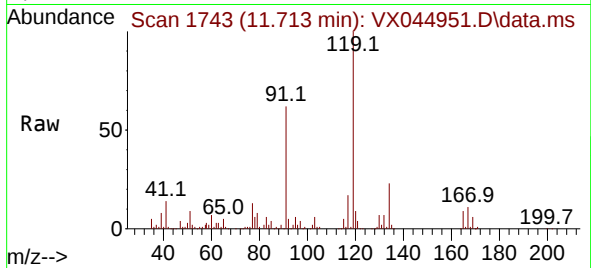
Tgt Ion: 91 Resp: 99533
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.838 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

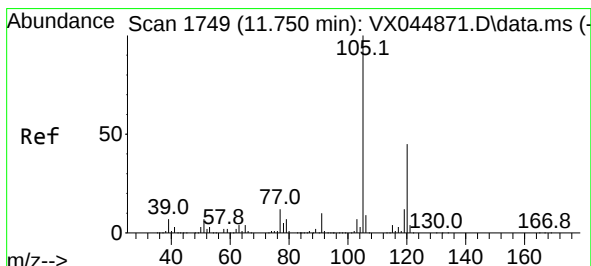
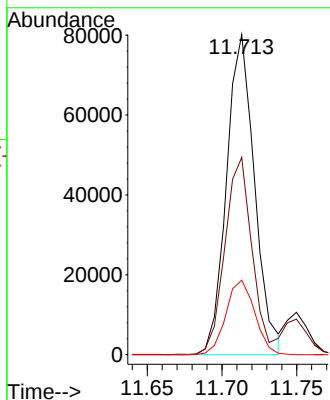
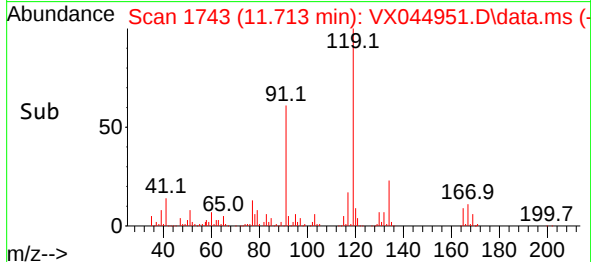
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



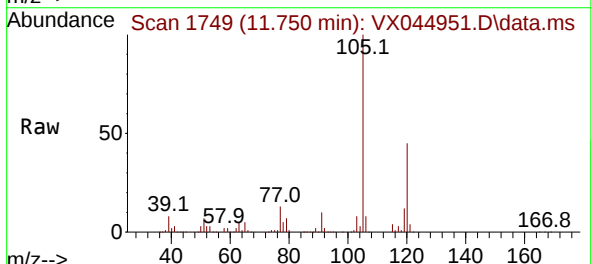
Tgt Ion:119 Resp: 10465
Ion Ratio Lower Upper
119 100
91 59.1 29.1 87.4
134 23.8 11.5 34.5

Manual Integrations
APPROVED

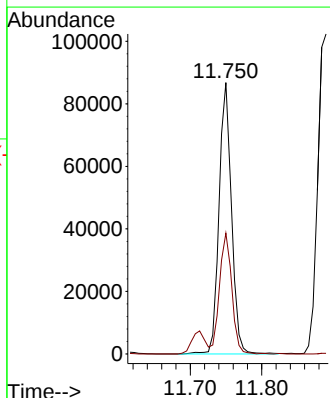
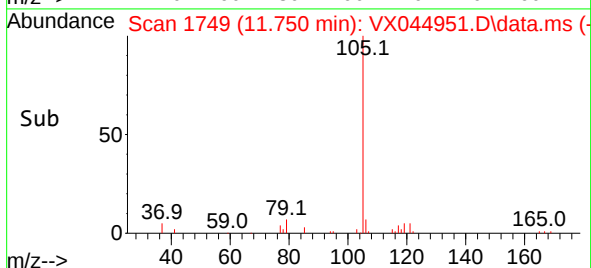
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

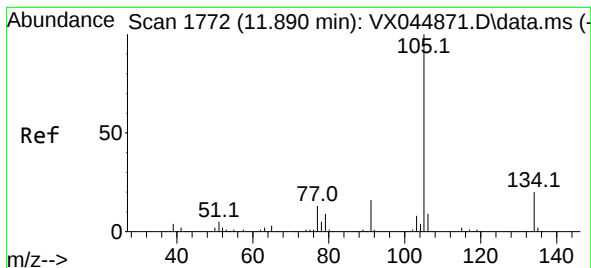


#84
1,2,4-Trimethylbenzene
Concen: 20.366 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14



Tgt Ion:105 Resp: 104819
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 20.130 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

Tgt Ion:105 Resp: 131498

Ion Ratio Lower Upper

105 100

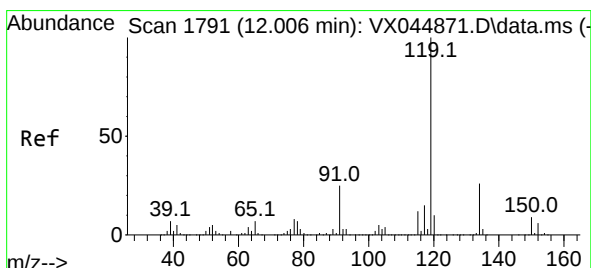
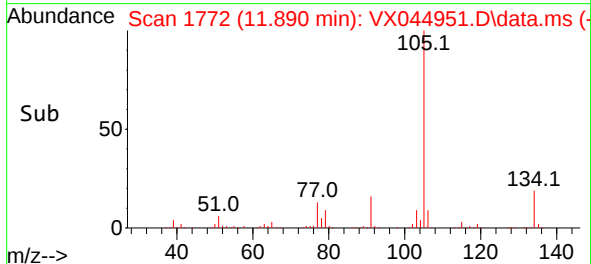
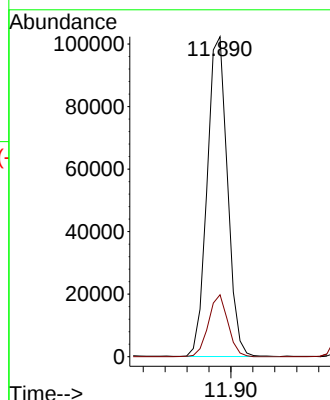
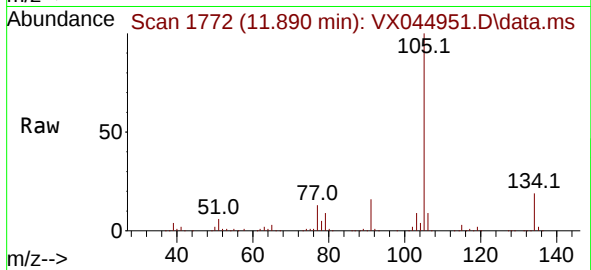
134 18.7 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#86

p-Isopropyltoluene

Concen: 20.351 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044951.D

Acq: 14 Feb 2025 11:14

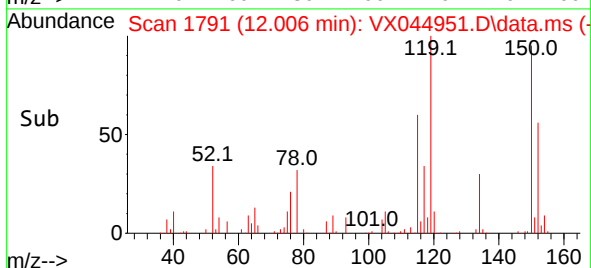
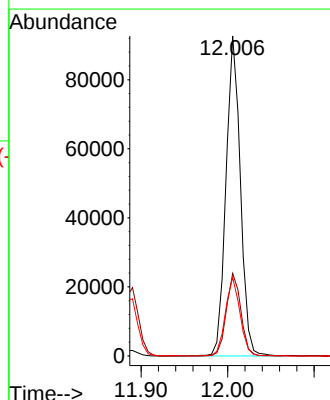
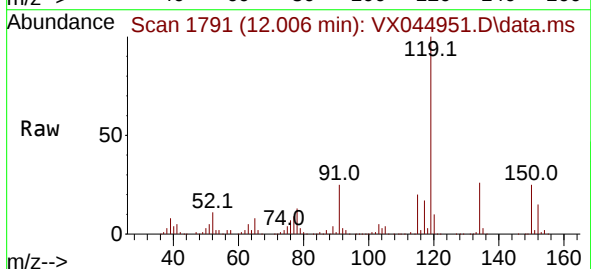
Tgt Ion:119 Resp: 106908

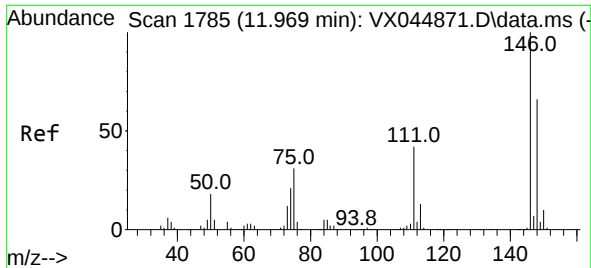
Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 25.0 12.1 36.3





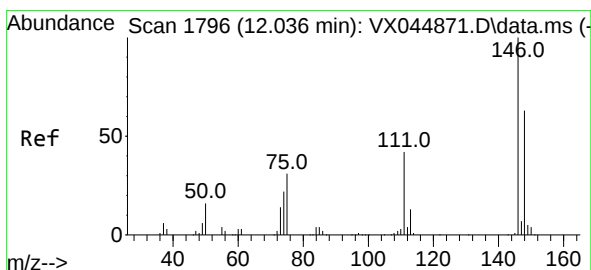
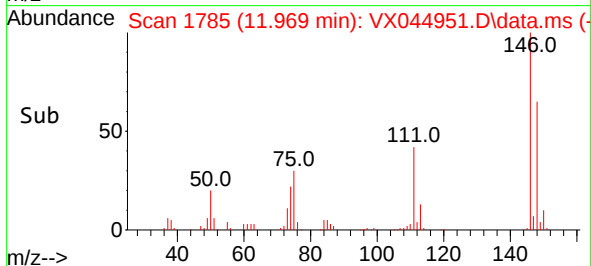
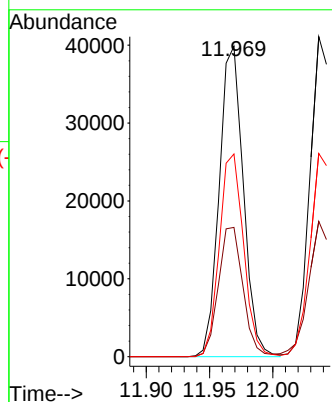
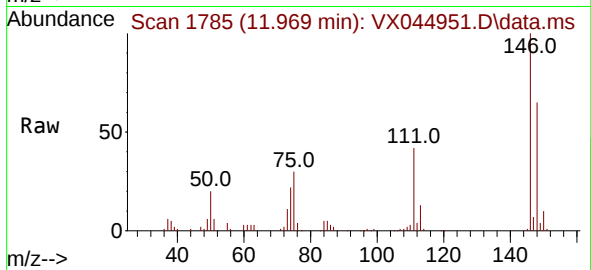
#87
 1,3-Dichlorobenzene
 Concen: 19.704 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX044951.D
 Acq: 14 Feb 2025 11:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBS01

Tgt Ion:146 Resp: 52788
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.2 63.6
 148 65.7 32.5 97.5

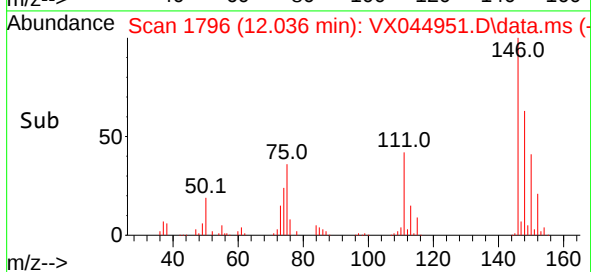
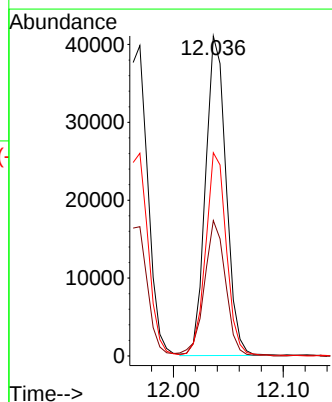
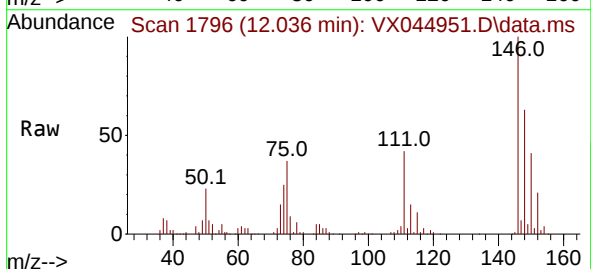
Manual Integrations
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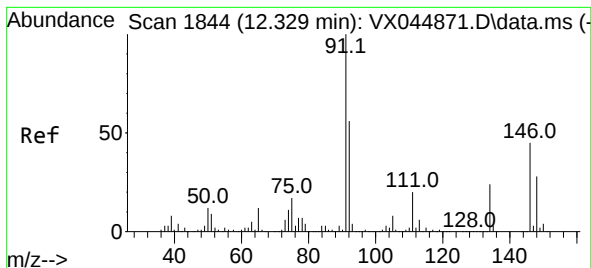
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#88
 1,4-Dichlorobenzene
 Concen: 19.722 ug/l
 RT: 12.036 min Scan# 1796
 Delta R.T. 0.000 min
 Lab File: VX044951.D
 Acq: 14 Feb 2025 11:14

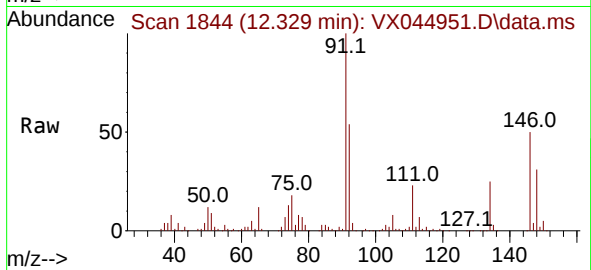
Tgt Ion:146 Resp: 53421
 Ion Ratio Lower Upper
 146 100
 111 43.9 20.4 61.3
 148 64.7 32.0 96.0





#89
n-Butylbenzene
Concen: 20.347 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

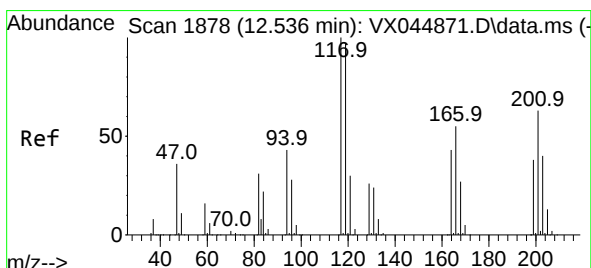
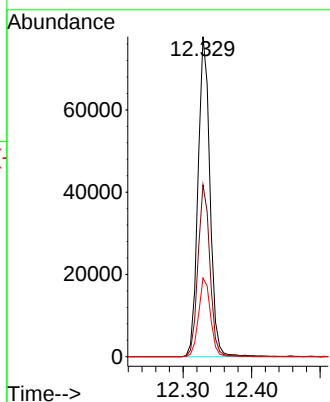
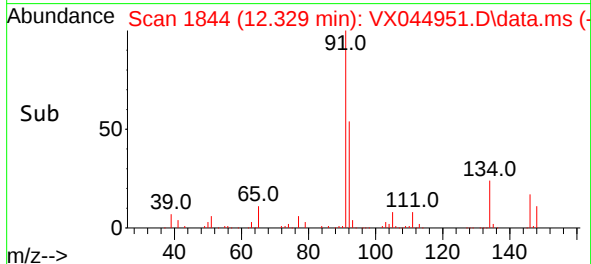
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion: 91 Resp: 94562
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.6
134 24.6 12.1 36.3

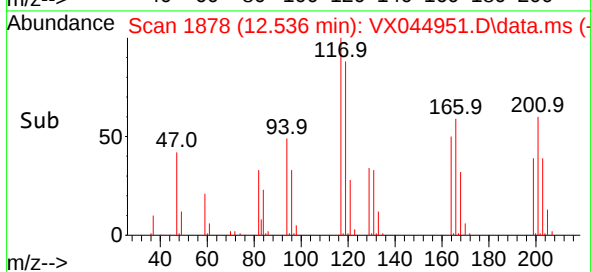
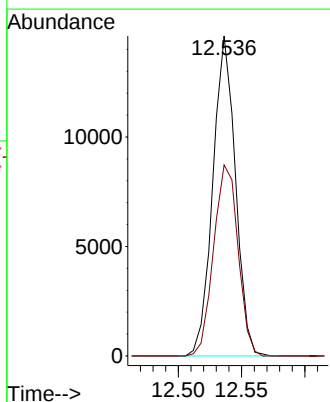
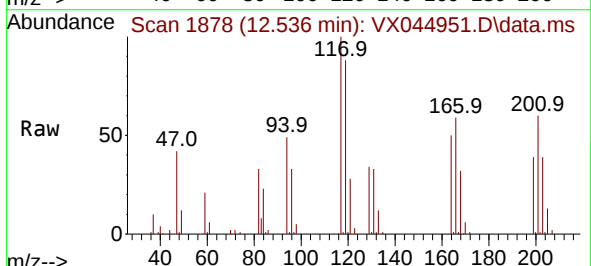
Manual Integrations
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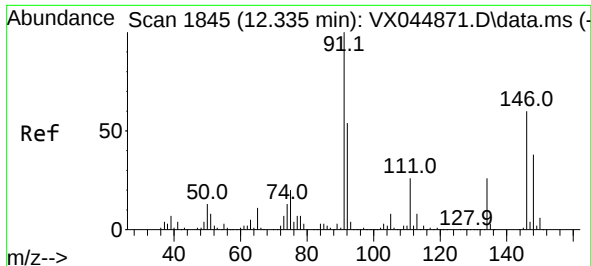
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#90
Hexachloroethane
Concen: 18.433 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Tgt Ion:117 Resp: 18131
Ion Ratio Lower Upper
117 100
201 64.5 32.5 97.5





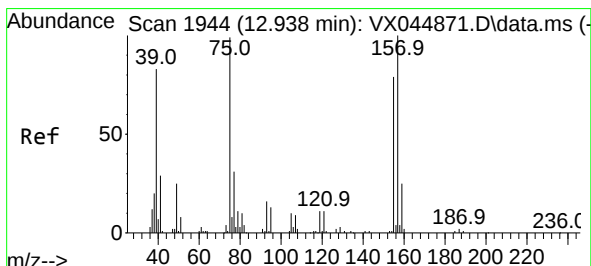
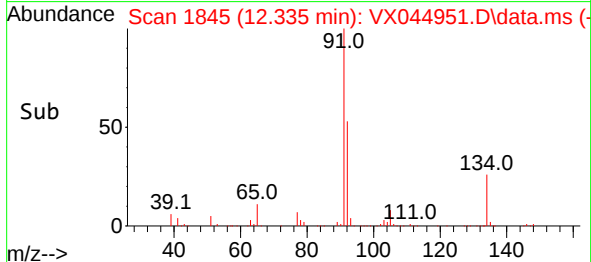
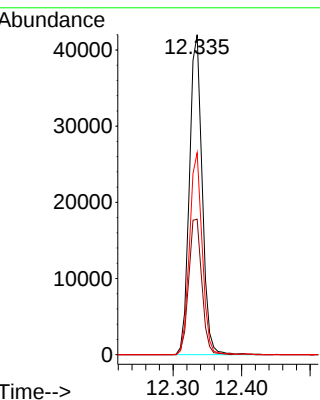
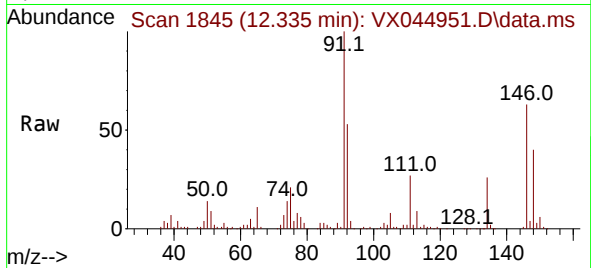
#91
1,2-Dichlorobenzene
Concen: 20.701 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

Tgt Ion:146 Resp: 5450
Ion Ratio Lower Upper
146 100
111 43.5 21.8 65.4
148 62.8 31.9 95.9

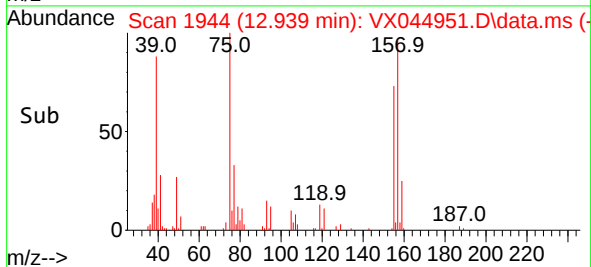
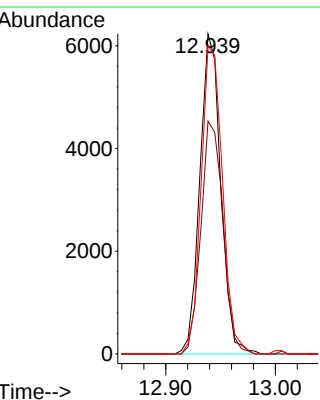
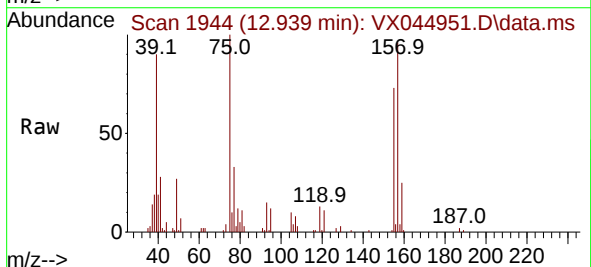
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.471 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

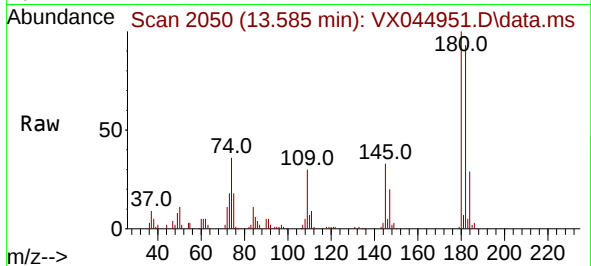
Tgt Ion: 75 Resp: 8250
Ion Ratio Lower Upper
75 100
155 76.7 40.5 121.4
157 98.5 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 19.589 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

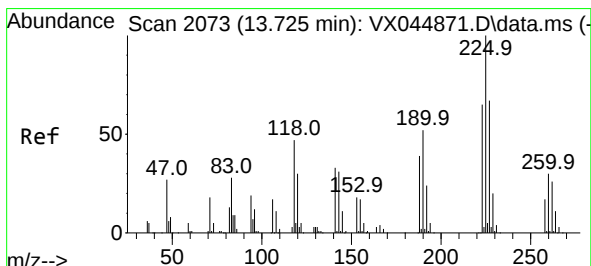
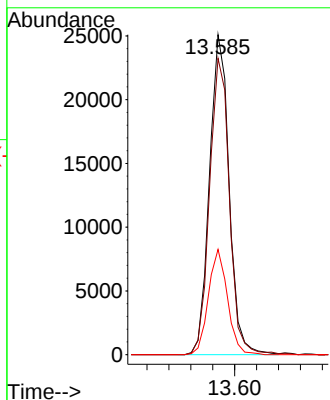
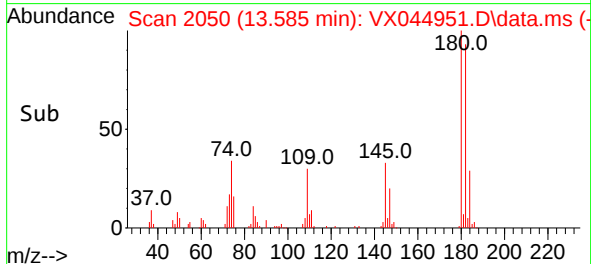
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion:180 Resp: 3121
Ion Ratio Lower Upper
180 100
182 93.6 47.6 142.8
145 32.0 16.4 49.1

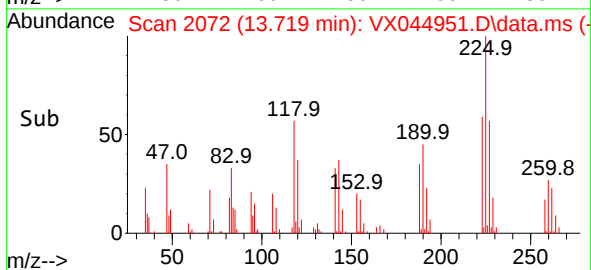
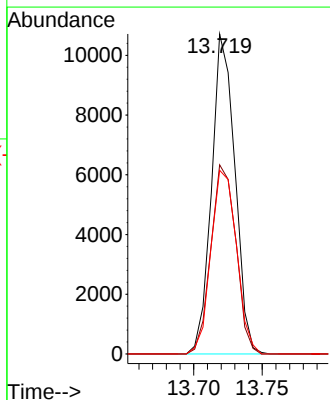
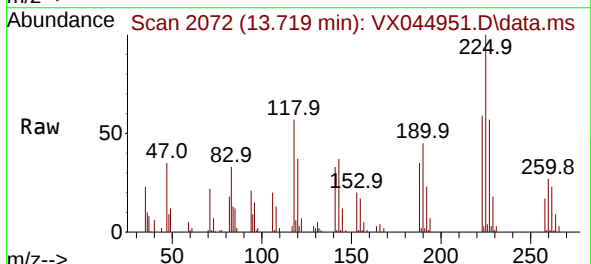
Manual Integrations
APPROVED

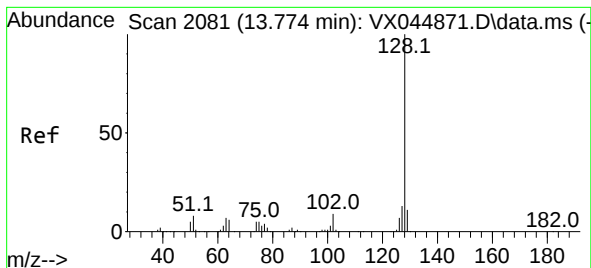
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#94
Hexachlorobutadiene
Concen: 20.018 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

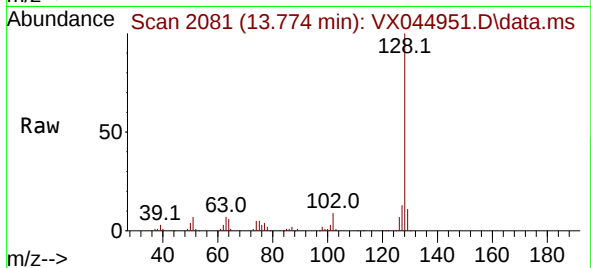
Tgt Ion:225 Resp: 12661
Ion Ratio Lower Upper
225 100
223 63.3 31.4 94.2
227 63.0 32.3 96.8





#95
Naphthalene
Concen: 19.835 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

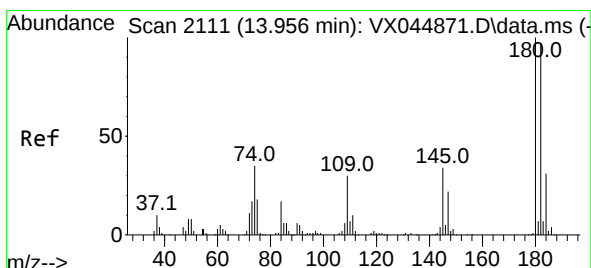
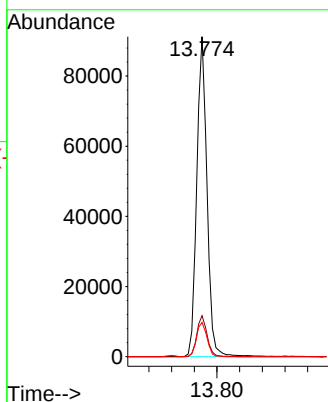
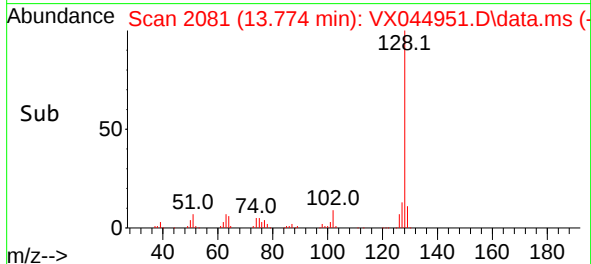
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01



Tgt Ion:128 Resp: 114238
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.099 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044951.D
Acq: 14 Feb 2025 11:14

Tgt Ion:180 Resp: 32268
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.6
145 33.4 17.1 51.3

