

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034176.D
 Acq On : 20 Feb 2023 10:38
 Operator : JC/MD
 Sample : VX0220WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/21/2023
 Supervised By : Mahesh Dadoda 02/21/2023

Quant Time: Feb 21 01:03:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	439521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	725915	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	636081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	305001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	269599	45.546	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.385	113	229753	48.611	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.220%		
50) Toluene-d8	8.647	98	867344	51.112	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.220%		
62) 4-Bromofluorobenzene	11.079	95	322708	49.717	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72728	19.149	ug/l	100
3) Chloromethane	1.294	50	105990	19.393	ug/l	98
4) Vinyl Chloride	1.374	62	108430	21.784	ug/l	98
5) Bromomethane	1.611	94	45953	20.467	ug/l	99
6) Chloroethane	1.691	64	56302	22.500	ug/l	98
7) Trichlorofluoromethane	1.892	101	144650	21.481	ug/l	97
8) Diethyl Ether	2.130	74	55691	20.528	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	87378	18.425	ug/l	96
10) Methyl Iodide	2.453	142	106460	18.437	ug/l	94
11) Tert butyl alcohol	2.959	59	107135	80.922	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	87511	18.408	ug/l	98
13) Acrolein	2.233	56	52396	86.698	ug/l	99
14) Allyl chloride	2.666	41	177749	17.626	ug/l	88
15) Acrylonitrile	3.056	53	265093	91.785	ug/l	98
16) Acetone	2.380	43	233444	76.452	ug/l	90
17) Carbon Disulfide	2.514	76	250761	18.347	ug/l	100
18) Methyl Acetate	2.703	43	172464	18.254	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	311386	18.559	ug/l	98
20) Methylene Chloride	2.788	84	98037	17.819	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	96418	19.355	ug/l	95
22) Diisopropyl ether	3.757	45	354165	20.033	ug/l	93
23) Vinyl Acetate	3.715	43	1380286	97.449	ug/l	99
24) 1,1-Dichloroethane	3.611	63	181432	18.694	ug/l	100
25) 2-Butanone	4.550	43	379009	85.785	ug/l	98
26) 2,2-Dichloropropane	4.471	77	157934	17.963	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	111160	18.844	ug/l	95
28) Bromochloromethane	4.891	49	84986	19.629	ug/l	86
29) Tetrahydrofuran	4.995	42	242453	89.956	ug/l	99
30) Chloroform	5.092	83	176103	18.896	ug/l	99
31) Cyclohexane	5.470	56	170466	19.289	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	153152	18.332	ug/l	99
36) 1,1-Dichloropropene	5.690	75	132393	18.941	ug/l	98
37) Ethyl Acetate	4.702	43	148475	19.006	ug/l	99
38) Carbon Tetrachloride	5.678	117	134308	18.673	ug/l	99
39) Methylcyclohexane	7.379	83	172614	19.190	ug/l	98
40) Benzene	6.037	78	403114	19.461	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	82496	18.954	ug/l	99
42) 1,2-Dichloroethane	6.086	62	134042	18.399	ug/l	100
43) Isopropyl Acetate	6.330	43	262789	19.063	ug/l	99
44) Trichloroethene	7.123	130	104214	19.605	ug/l	94
45) 1,2-Dichloropropane	7.427	63	107523	19.499	ug/l	97
46) Dibromomethane	7.580	93	69351	19.110	ug/l	89
47) Bromodichloromethane	7.818	83	141515	19.001	ug/l	98
48) Methyl methacrylate	7.690	41	122399	18.707	ug/l	100
49) 1,4-Dioxane	7.671	88	44577	341.567	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	756460	99.739	ug/l	99
52) Toluene	8.714	92	251510	20.038	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	162802	18.991	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	176180	19.197	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	100011	19.741	ug/l	98
56) Ethyl methacrylate	9.116	69	166903	19.474	ug/l	98
57) 1,3-Dichloropropane	9.305	76	173823	19.720	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	355638	95.791	ug/l	94
59) 2-Hexanone	9.427	43	557491	96.450	ug/l	99
60) Dibromochloromethane	9.518	129	107743	19.247	ug/l	99
61) 1,2-Dibromoethane	9.610	107	104130	19.434	ug/l	97
64) Tetrachloroethene	9.269	164	87492	19.489	ug/l	94
65) Chlorobenzene	10.079	112	264236	19.929	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	97770	19.048	ug/l	97
67) Ethyl Benzene	10.195	91	476667	20.011	ug/l	98
68) m/p-Xylenes	10.299	106	363353	39.859	ug/l	95
69) o-Xylene	10.640	106	180488	19.888	ug/l	98
70) Styrene	10.652	104	294120	19.927	ug/l	97
71) Bromoform	10.799	173	79410	18.953	ug/l #	99
73) Isopropylbenzene	10.963	105	460683	19.819	ug/l	100
74) N-amyl acetate	10.841	43	222914	19.088	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	150077	18.877	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	144308m	18.803	ug/l	
77) Bromobenzene	11.195	156	109140	19.511	ug/l	85
78) n-propylbenzene	11.305	91	544048	20.124	ug/l	97
79) 2-Chlorotoluene	11.366	91	325031	19.608	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	387611	19.834	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	53977	18.067	ug/l	88
82) 4-Chlorotoluene	11.457	91	371883	19.697	ug/l	97
83) tert-Butylbenzene	11.713	119	392966	19.633	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	387844	19.628	ug/l	97
85) sec-Butylbenzene	11.890	105	482831	19.864	ug/l	98
86) p-Isopropyltoluene	12.012	119	398890	19.829	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	205299	19.569	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	203512	19.233	ug/l	95
89) n-Butylbenzene	12.335	91	356279	19.885	ug/l	98
90) Hexachloroethane	12.536	117	80274	19.086	ug/l	81
91) 1,2-Dichlorobenzene	12.335	146	201629	19.644	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31900	16.826	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	125800	19.090	ug/l	98
94) Hexachlorobutadiene	13.725	225	51402	18.816	ug/l	98
95) Naphthalene	13.774	128	419037	18.876	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	123783	18.920	ug/l	98

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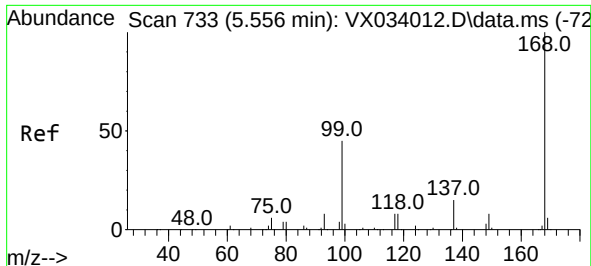
Manual Integrations
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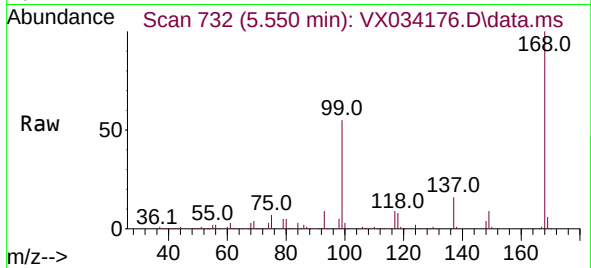
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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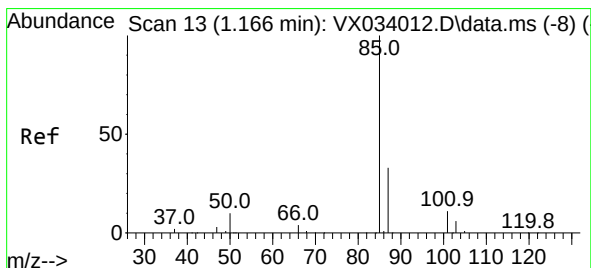
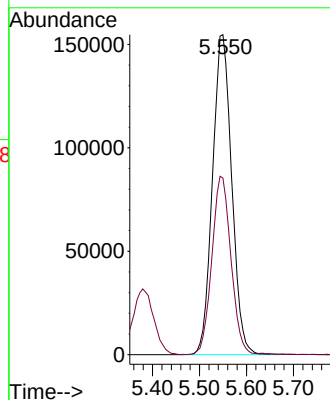
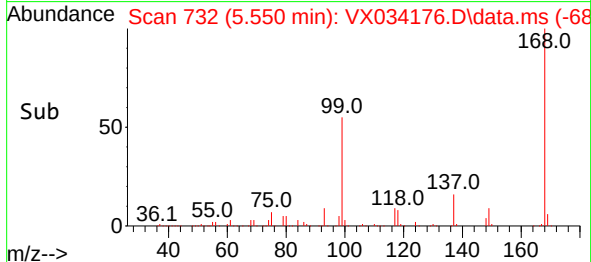
Instrument :
MSVOA_X
ClientSampleId :
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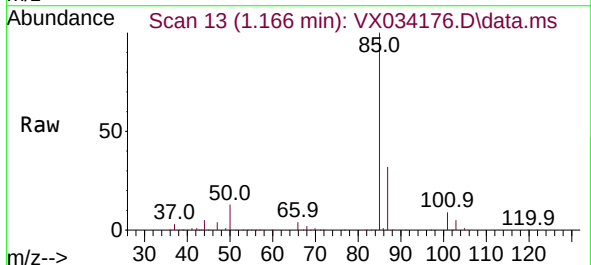
Tgt Ion:168 Resp: 43952
Ion Ratio Lower Upper
168 100
99 55.1 39.6 59.4

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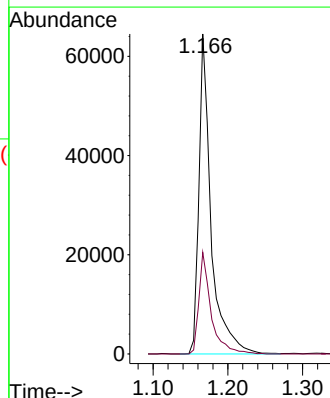
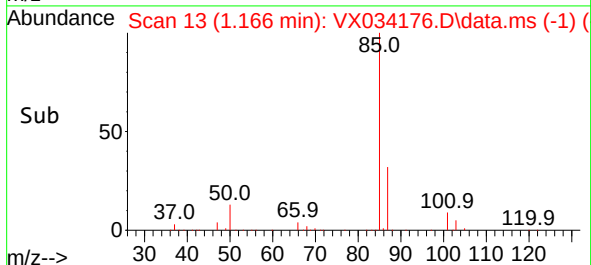
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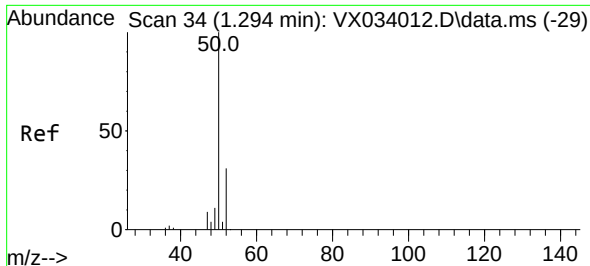


#2
Dichlorodifluoromethane
Concen: 19.149 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38



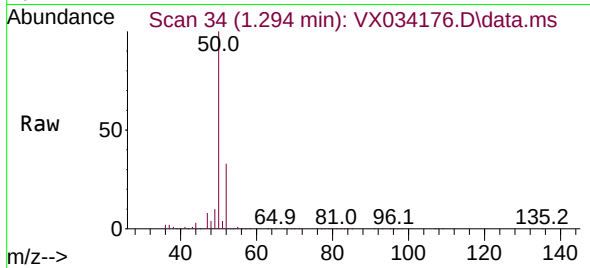
Tgt Ion: 85 Resp: 72728
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





#3
Chloromethane
Concen: 19.393 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

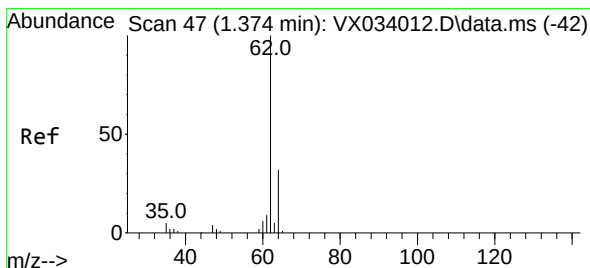
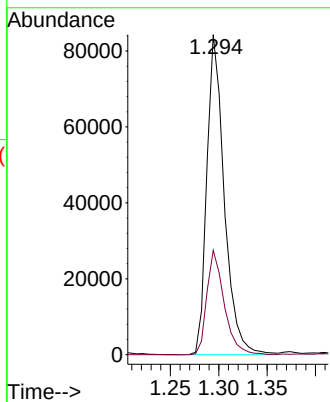
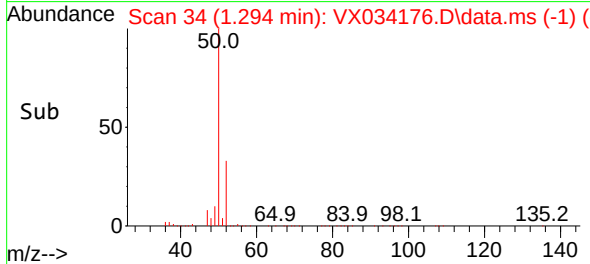
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Tgt Ion: 50 Resp: 105990
Ion Ratio Lower Upper
50 100
52 32.6 25.2 37.8

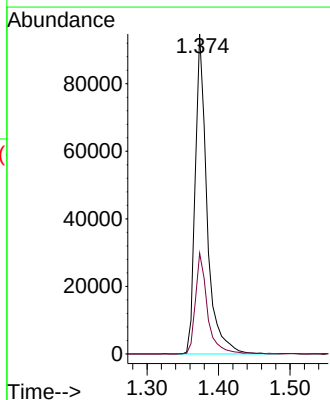
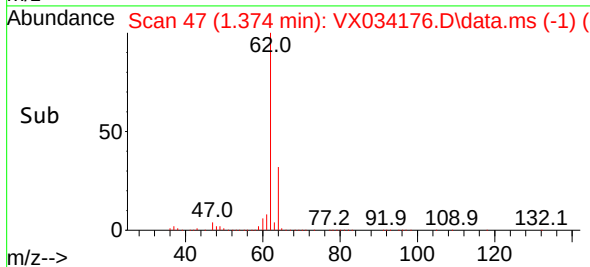
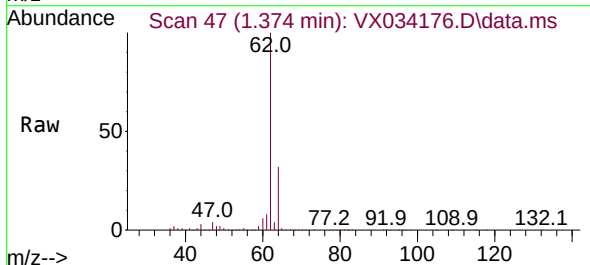
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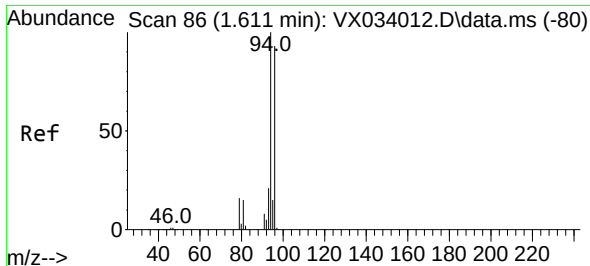
Reviewed By :John Carlone 02/21/2023
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#4
Vinyl Chloride
Concen: 21.784 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
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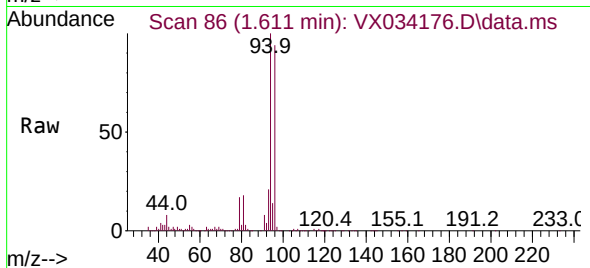
Tgt Ion: 62 Resp: 108430
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.4





#5
Bromomethane
Concen: 20.467 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX034176.D
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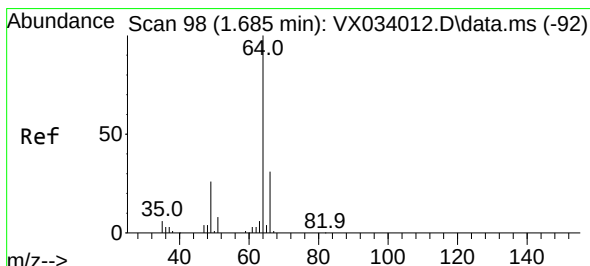
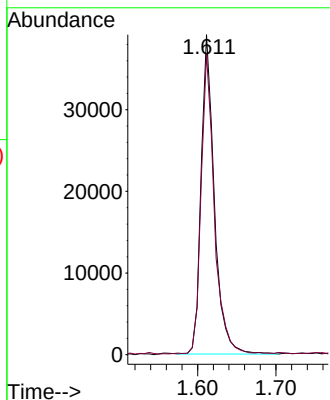
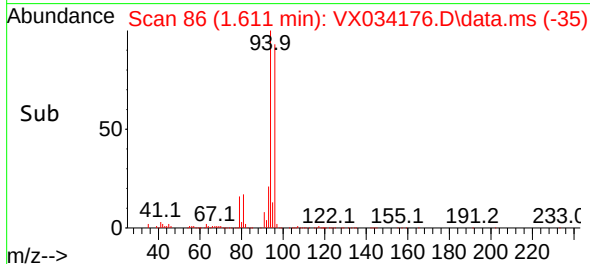
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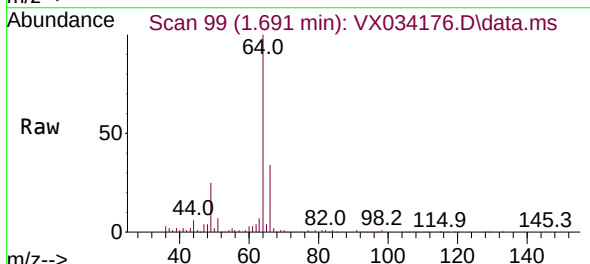
Tgt Ion: 94 Resp: 4595
Ion Ratio Lower Upper
94 100
96 93.7 74.3 111.5

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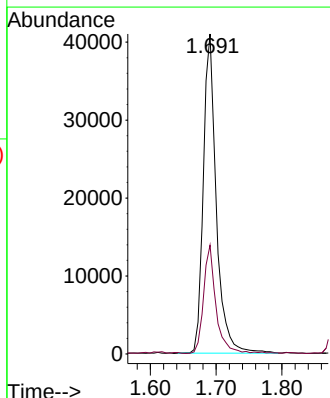
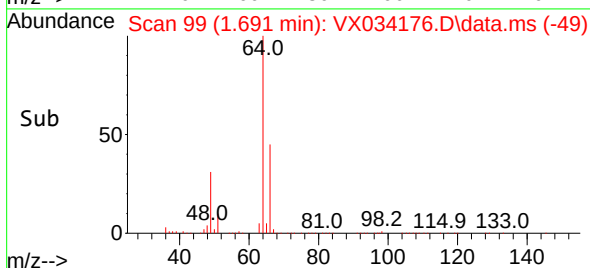
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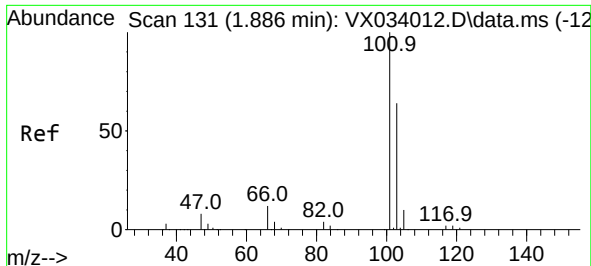


#6
Chloroethane
Concen: 22.500 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX034176.D
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Tgt Ion: 64 Resp: 56302
Ion Ratio Lower Upper
64 100
66 33.7 26.1 39.1





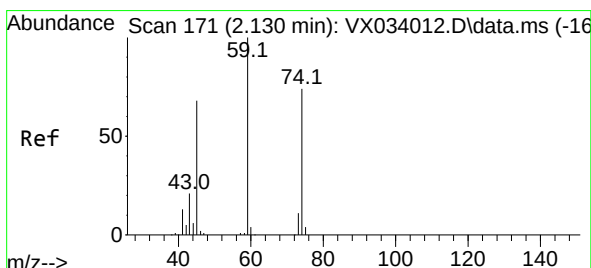
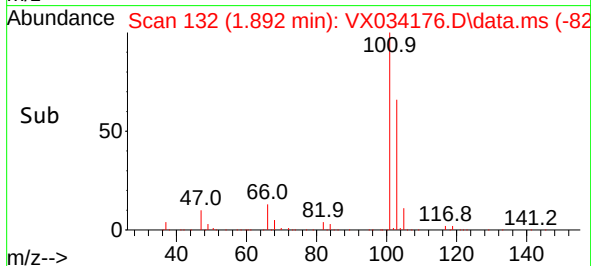
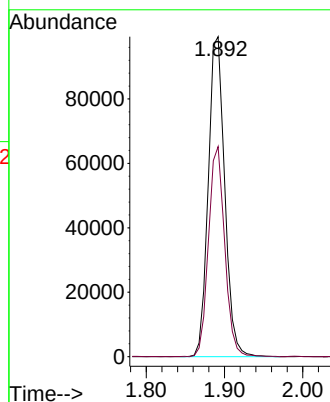
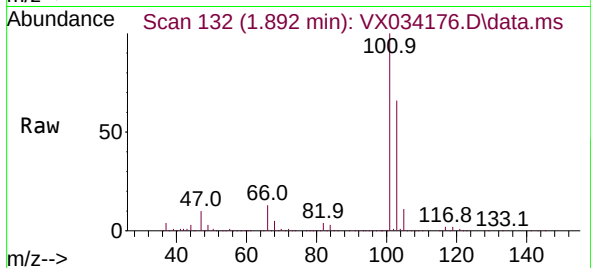
#7
Trichlorofluoromethane
Concen: 21.481 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034176.D
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Instrument :
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Tgt Ion:101 Resp: 144650
Ion Ratio Lower Upper
101 100
103 65.6 50.6 75.8

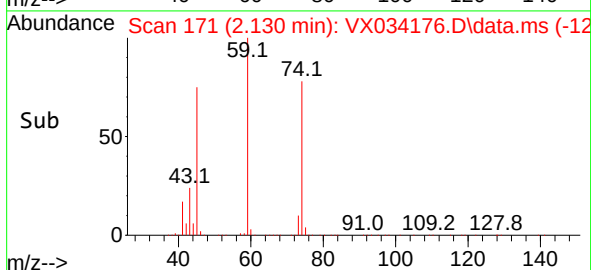
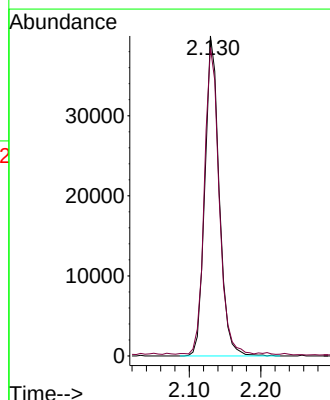
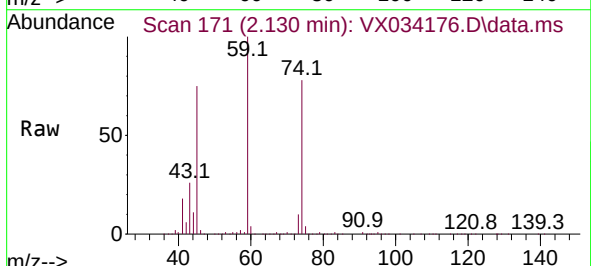
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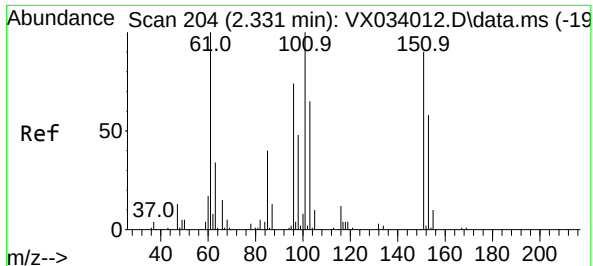
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#8
Diethyl Ether
Concen: 20.528 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 55691
Ion Ratio Lower Upper
74 100
45 98.3 51.5 154.5





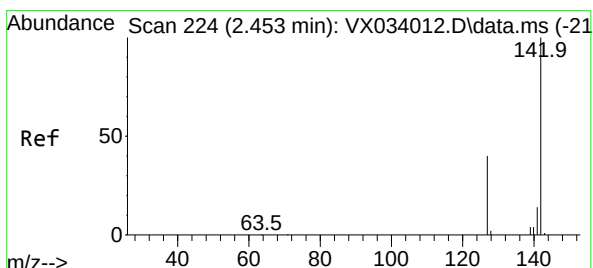
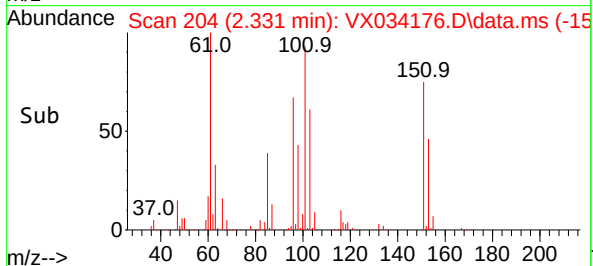
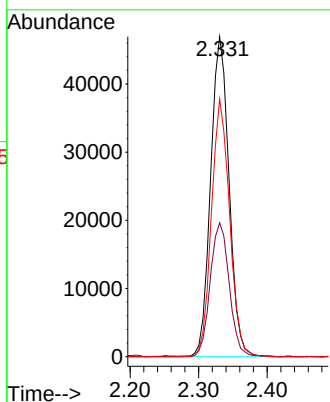
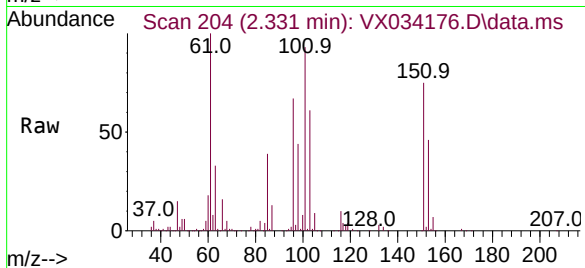
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.425 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tgt Ion:101 Resp: 87378
Ion Ratio Lower Upper
101 100
85 43.4 36.7 55.1
151 79.4 66.5 99.7

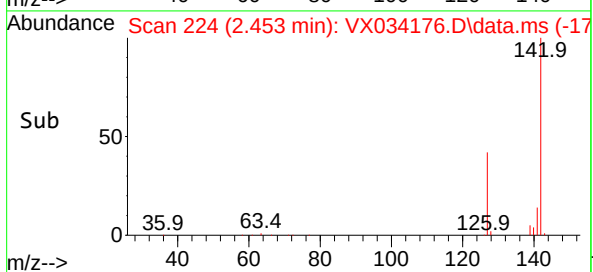
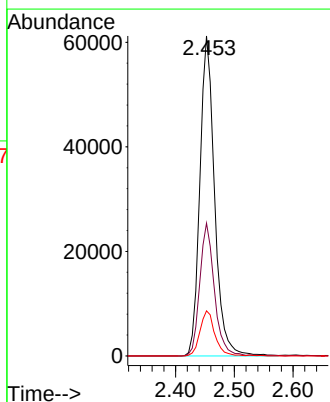
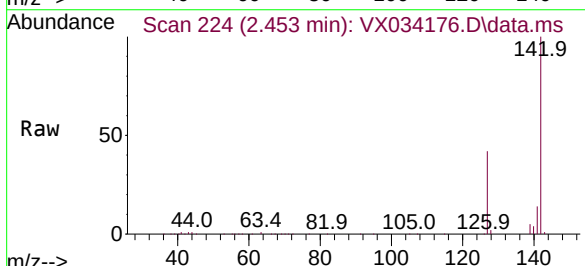
Manual Integrations
APPROVED

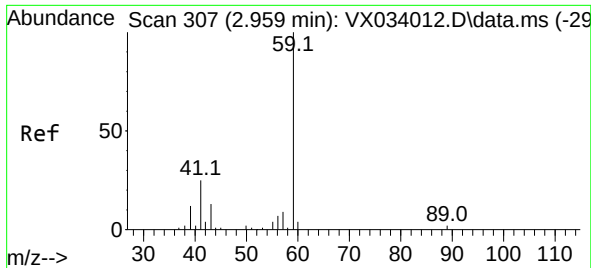
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#10
Methyl Iodide
Concen: 18.437 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

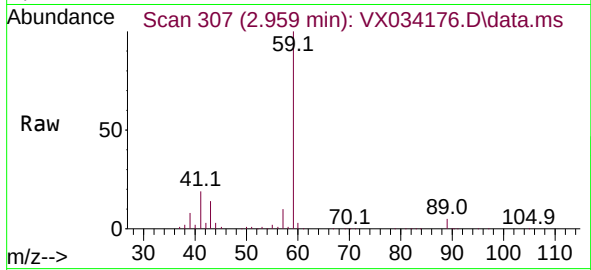
Tgt Ion:142 Resp: 106460
Ion Ratio Lower Upper
142 100
127 41.2 37.3 55.9
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 80.922 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

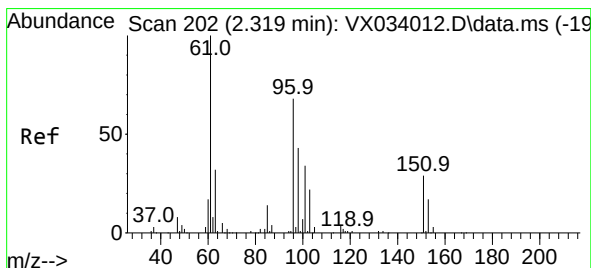
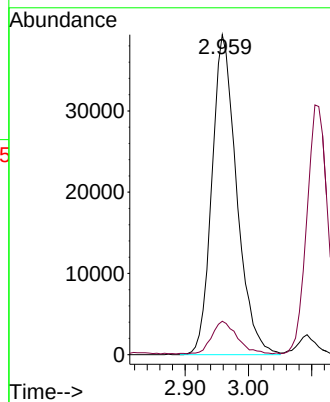
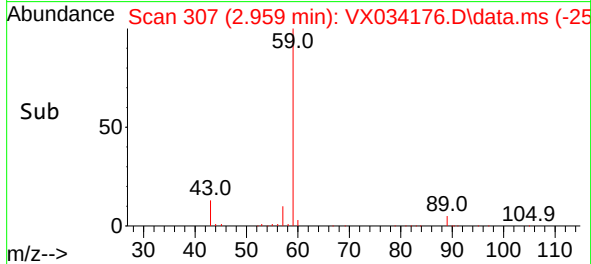
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



Tgt Ion: 59 Resp: 107135
Ion Ratio Lower Upper
59 100
57 10.4 3.7 5.5

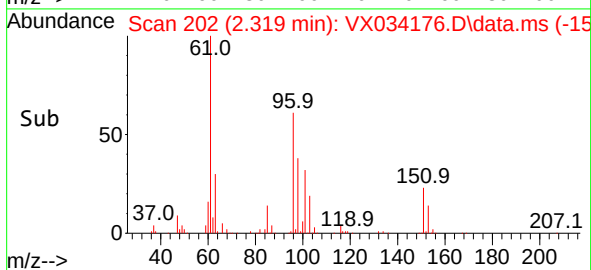
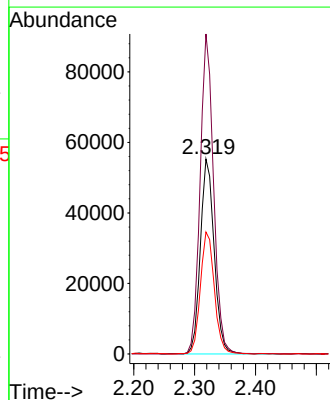
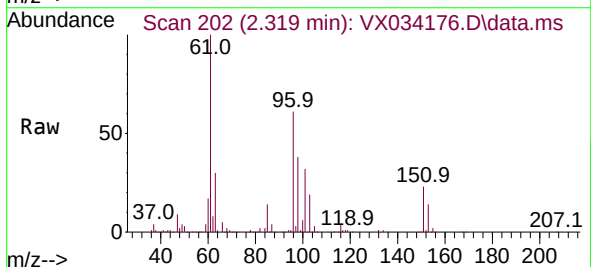
Manual Integrations
APPROVED

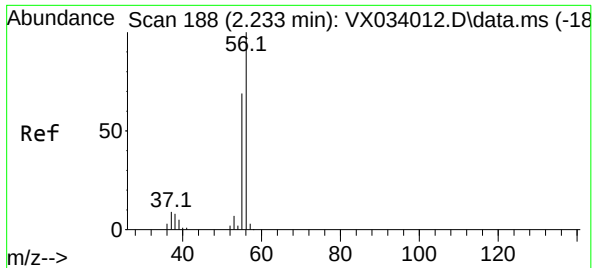
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#12
1,1-Dichloroethene
Concen: 18.408 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

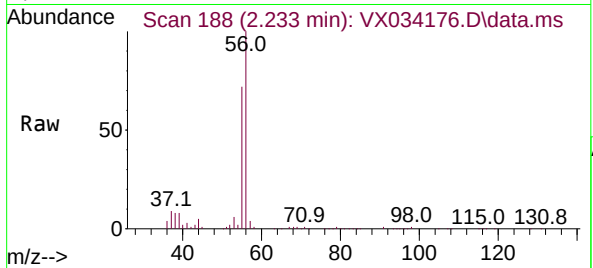
Tgt Ion: 96 Resp: 87511
Ion Ratio Lower Upper
96 100
61 164.2 134.2 201.4
98 62.5 50.2 75.2





#13
Acrolein
Concen: 86.698 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

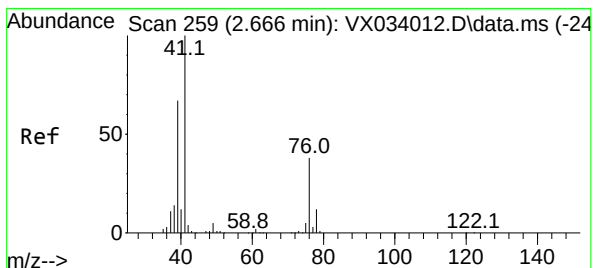
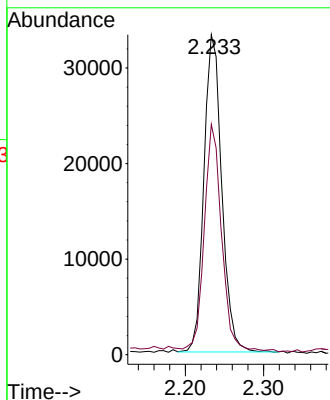
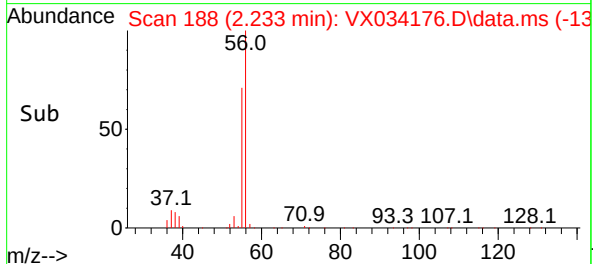
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



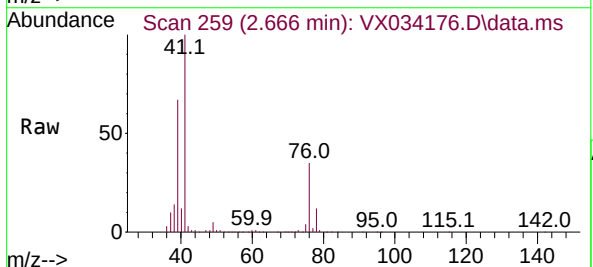
Tgt Ion: 56 Resp: 52390
Ion Ratio Lower Upper
56 100
55 69.8 56.3 84.5

Manual Integrations
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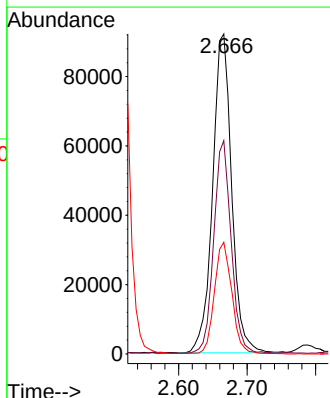
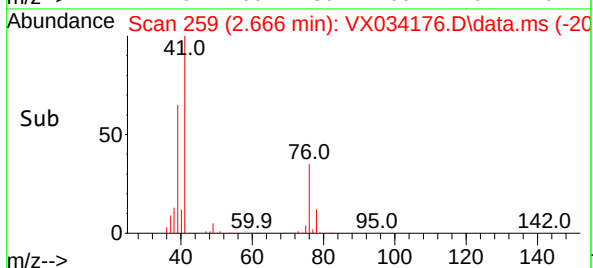
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

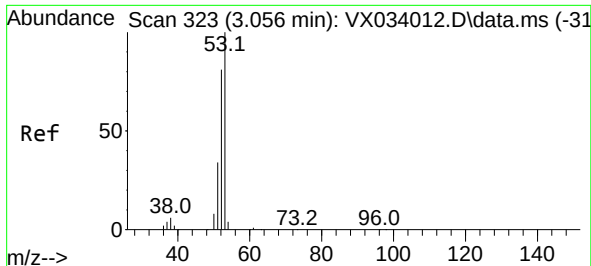


#14
Allyl chloride
Concen: 17.626 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38



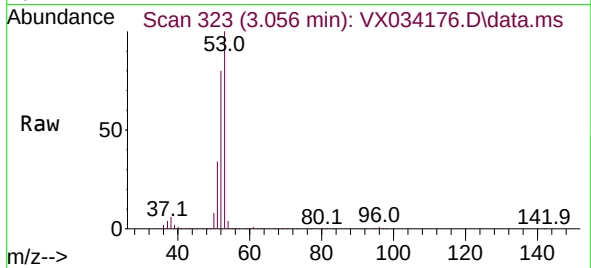
Tgt Ion: 41 Resp: 177749
Ion Ratio Lower Upper
41 100
39 60.8 59.0 88.4
76 32.2 24.6 37.0





#15
Acrylonitrile
Concen: 91.785 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

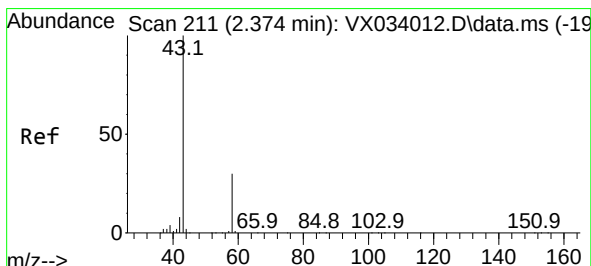
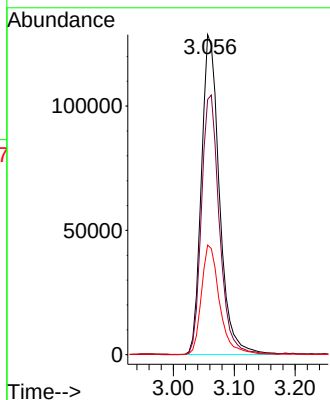
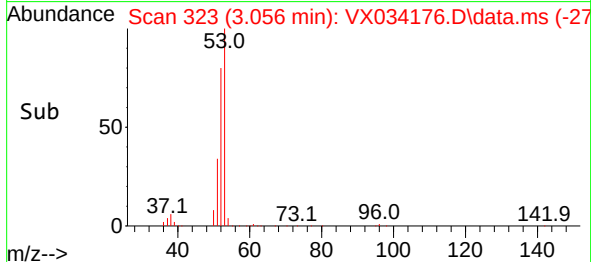
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



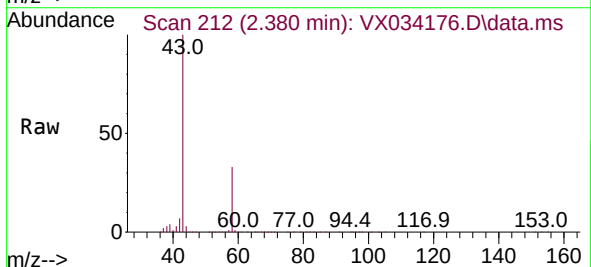
Tgt Ion: 53 Resp: 26509
Ion Ratio Lower Upper
53 100
52 81.0 65.7 98.5
51 34.5 29.0 43.4

Manual Integrations
APPROVED

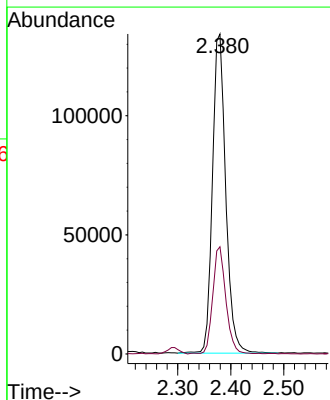
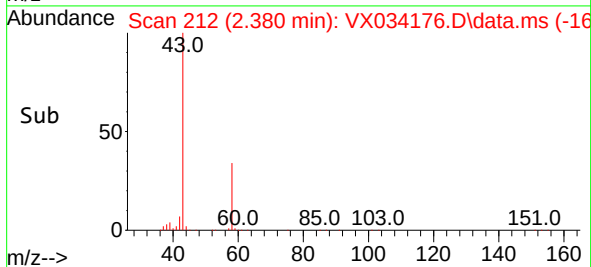
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

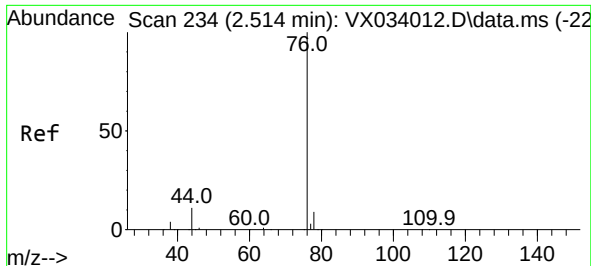


#16
Acetone
Concen: 76.452 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38



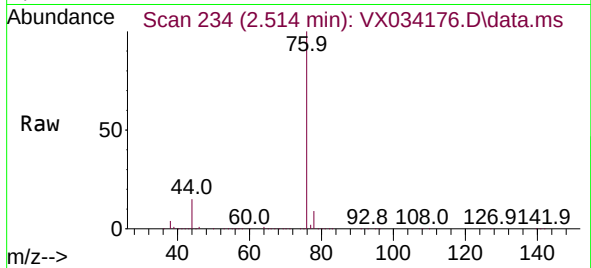
Tgt Ion: 43 Resp: 233444
Ion Ratio Lower Upper
43 100
58 33.5 22.6 33.8





#17
Carbon Disulfide
Concen: 18.347 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

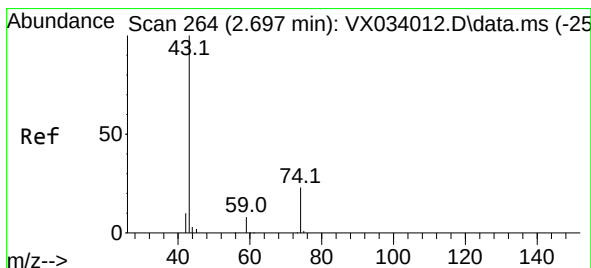
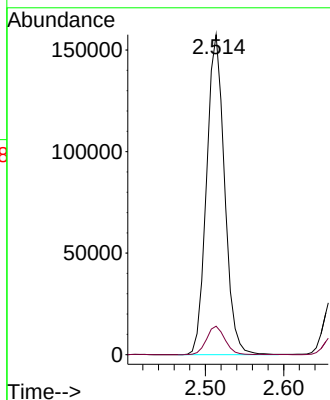
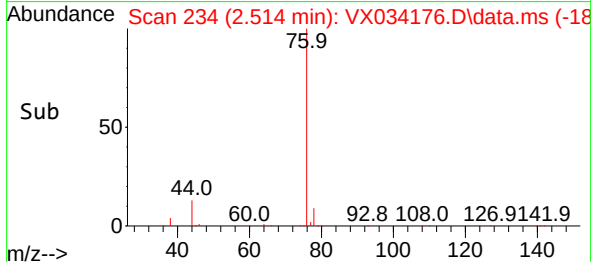
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



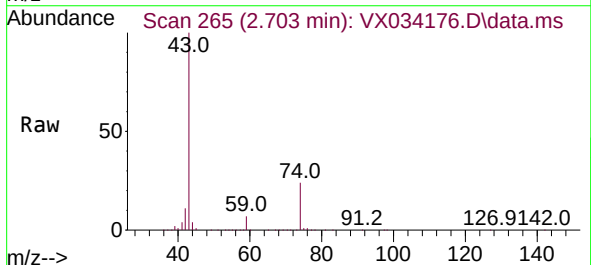
Tgt Ion: 76 Resp: 25076
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

Manual Integrations
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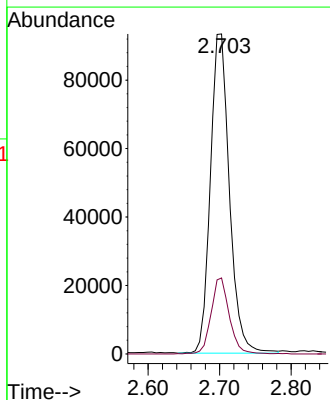
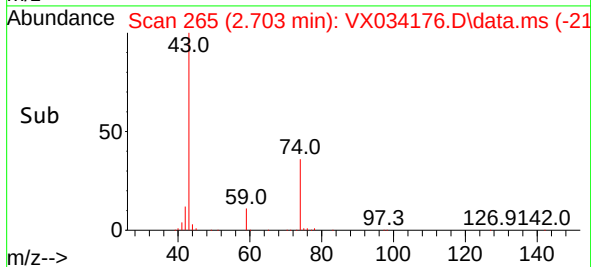
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

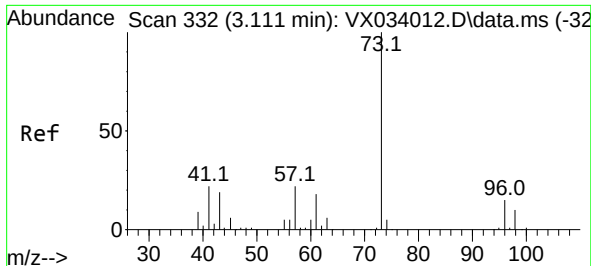


#18
Methyl Acetate
Concen: 18.254 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38



Tgt Ion: 43 Resp: 172464
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4





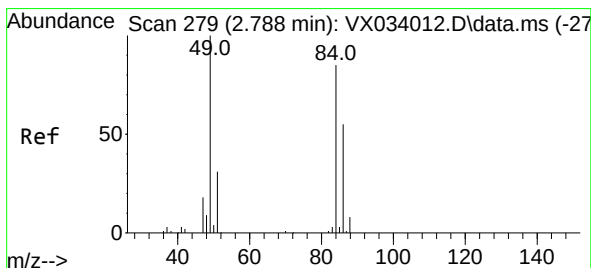
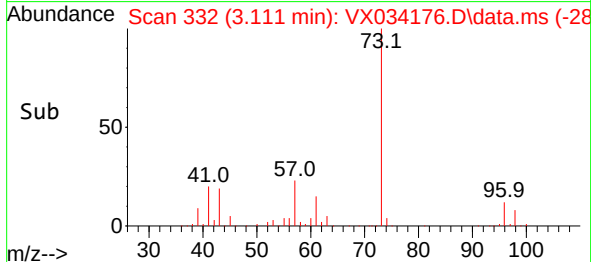
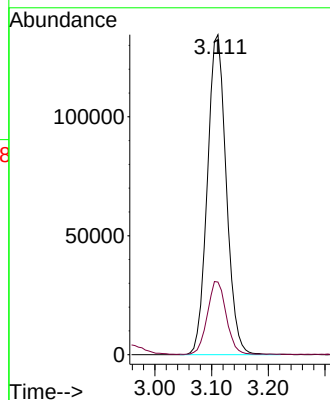
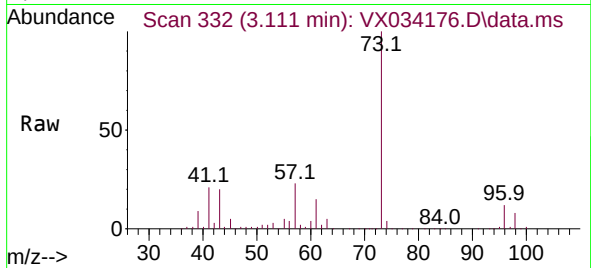
#19
Methyl tert-butyl Ether
Concen: 18.559 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tgt Ion: 73 Resp: 31138
Ion Ratio Lower Upper
73 100
57 22.5 17.4 26.0

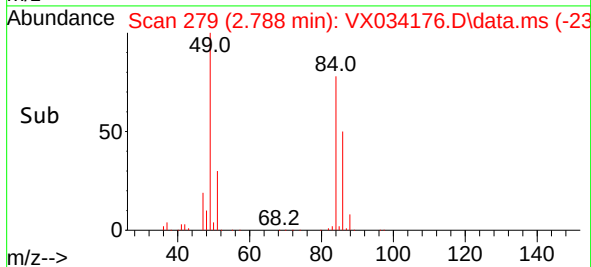
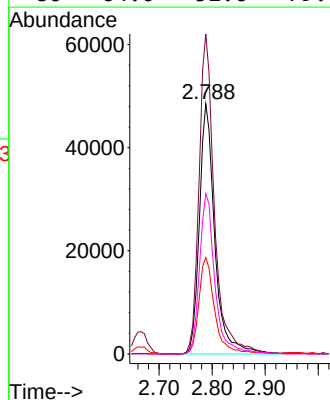
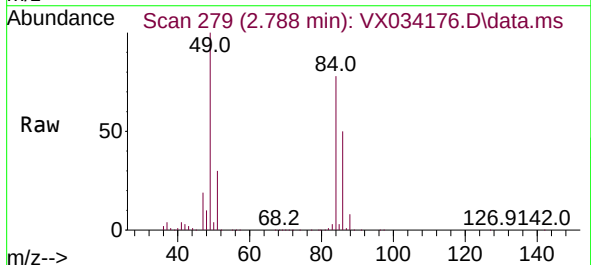
Manual Integrations
APPROVED

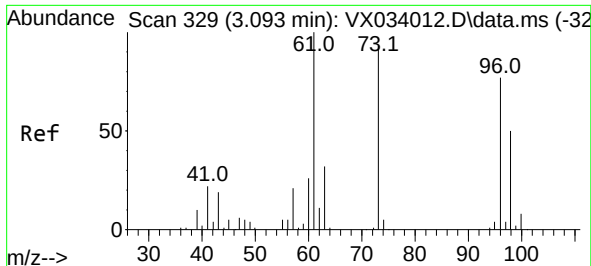
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#20
Methylene Chloride
Concen: 17.819 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

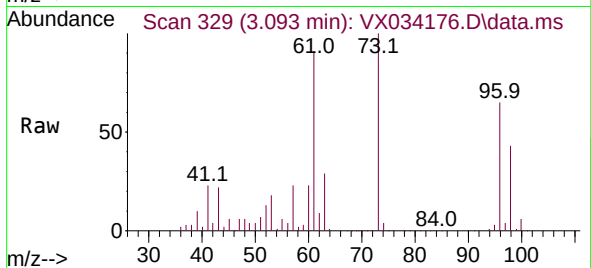
Tgt Ion: 84 Resp: 98037
Ion Ratio Lower Upper
84 100
49 127.9 101.1 151.7
51 38.5 31.0 46.6
86 64.0 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 19.355 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

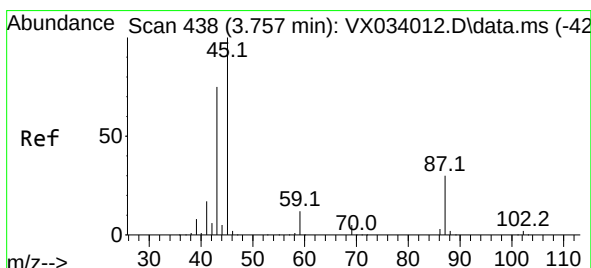
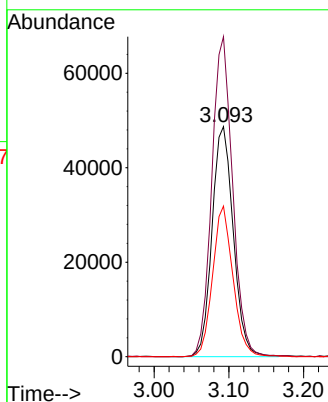
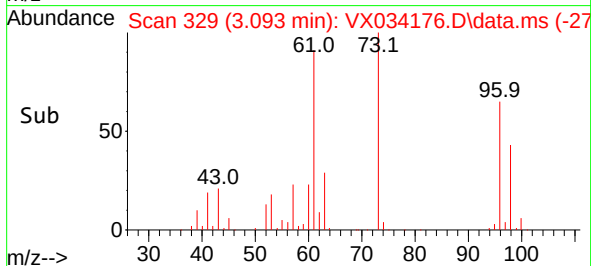
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



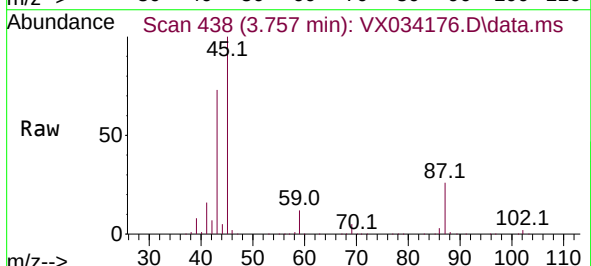
Tgt Ion: 96 Resp: 96418
Ion Ratio Lower Upper
96 100
61 139.1 106.7 160.1
98 65.5 50.0 75.0

Manual Integrations
APPROVED

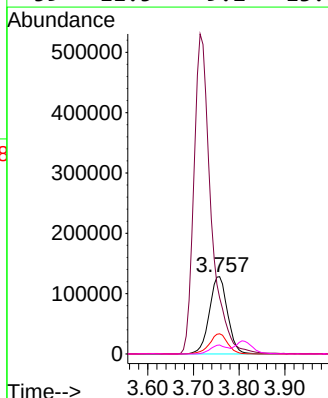
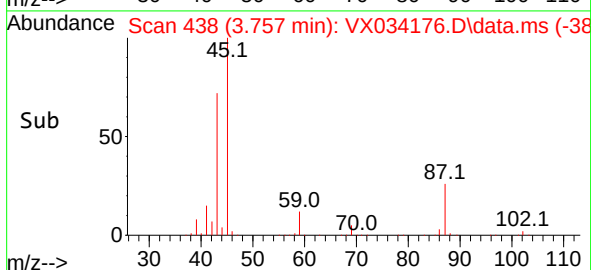
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

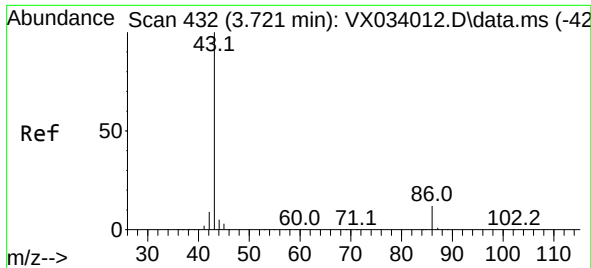


#22
Diisopropyl ether
Concen: 20.033 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38



Tgt Ion: 45 Resp: 354165
Ion Ratio Lower Upper
45 100
43 72.4 64.6 97.0
87 26.0 21.9 32.9
59 11.5 9.2 13.8





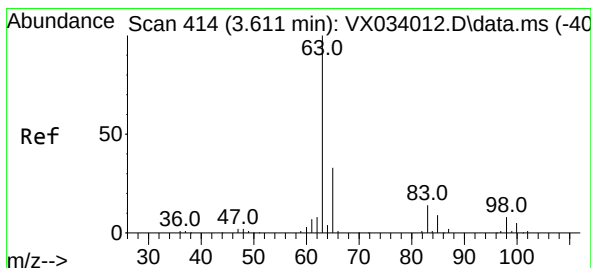
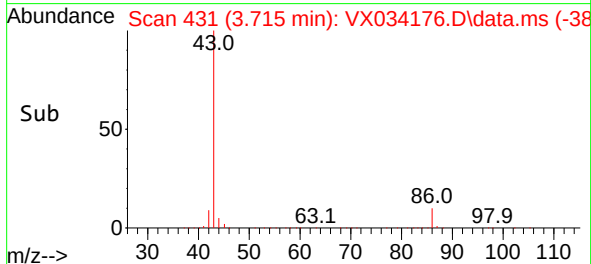
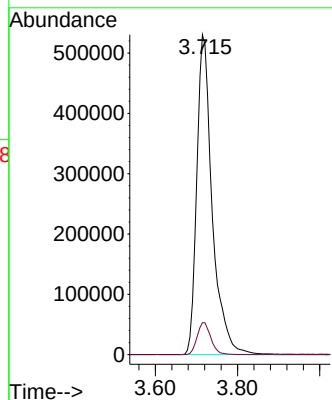
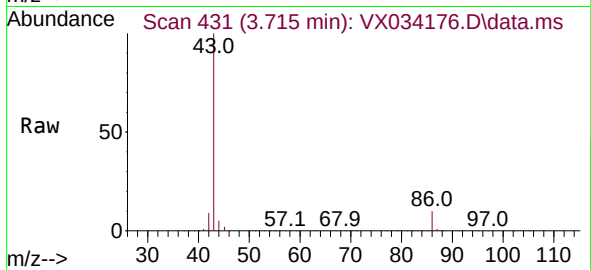
#23
 Vinyl Acetate
 Concen: 97.449 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX034176.D
 Acq: 20 Feb 2023 10:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01

Tgt Ion: 43 Resp: 1380280
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.4 12.6

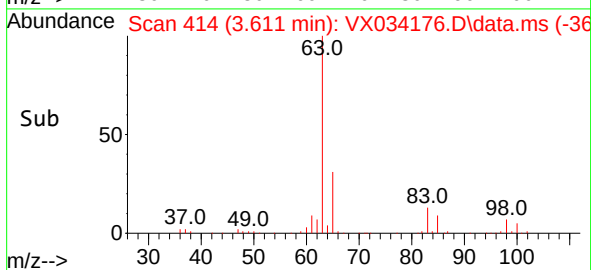
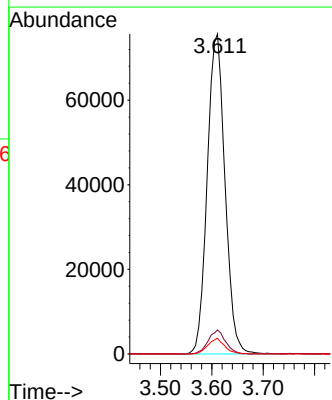
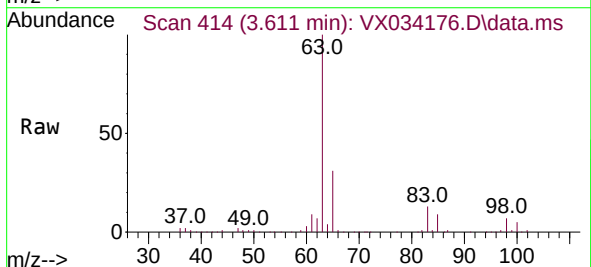
Manual Integrations
 APPROVED

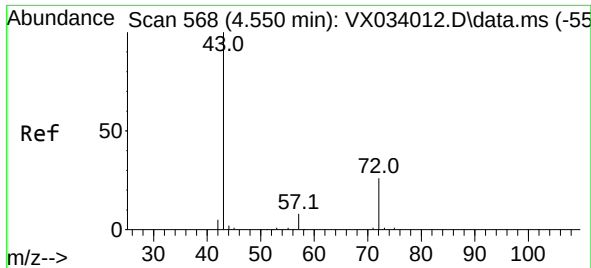
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023



#24
 1,1-Dichloroethane
 Concen: 18.694 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034176.D
 Acq: 20 Feb 2023 10:38

Tgt Ion: 63 Resp: 181432
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.9 2.4 7.2





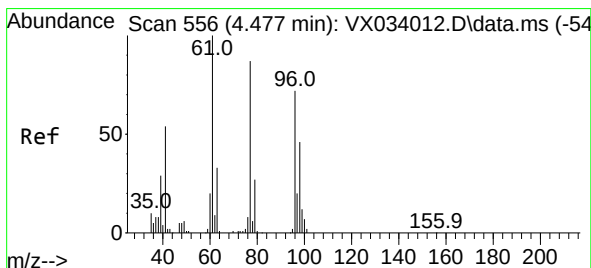
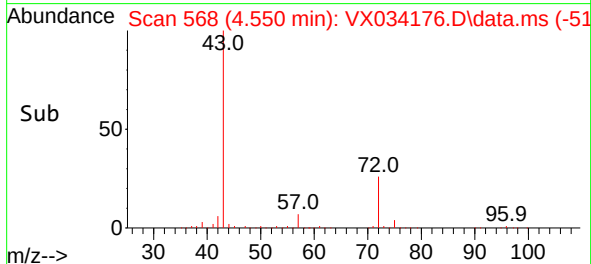
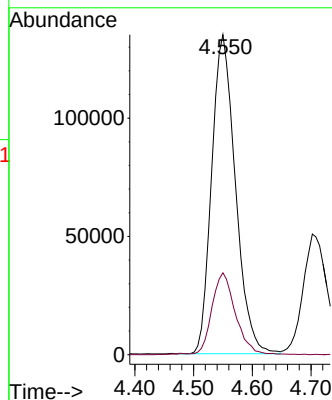
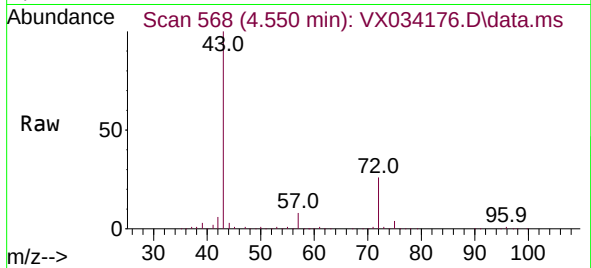
#25
2-Butanone
Concen: 85.785 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tgt Ion: 43 Resp: 379009
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.2

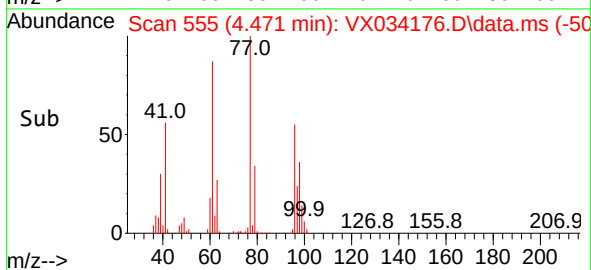
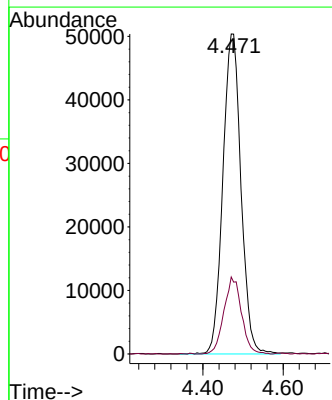
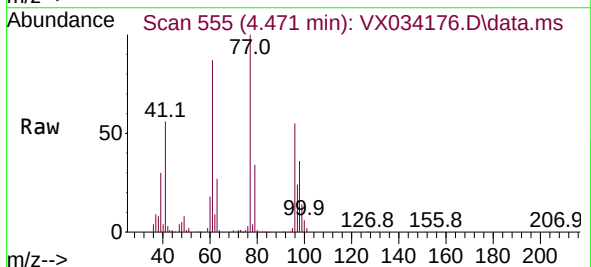
Manual Integrations
APPROVED

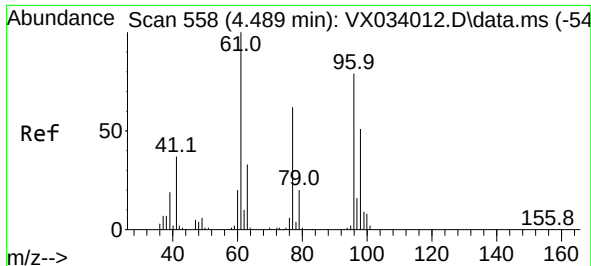
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#26
2,2-Dichloropropane
Concen: 17.963 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

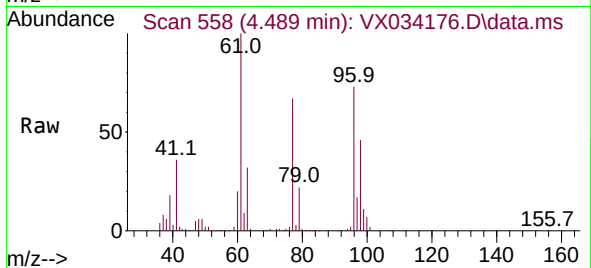
Tgt Ion: 77 Resp: 157934
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.844 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX034176.D
 Acq: 20 Feb 2023 10:38

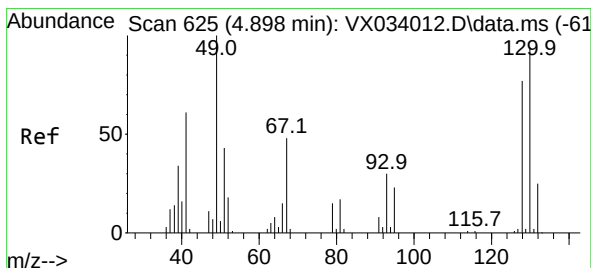
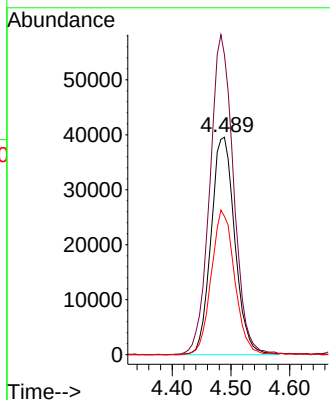
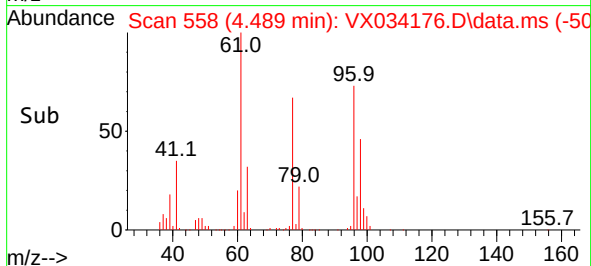
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01



Tgt Ion: 96 Resp: 111160
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 277.6
 98 65.4 0.0 128.0

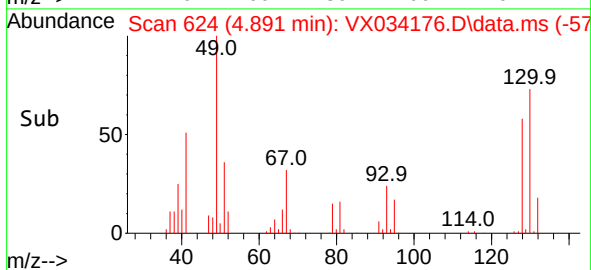
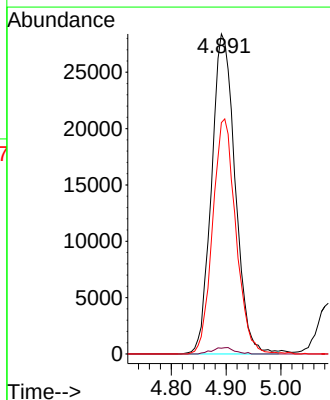
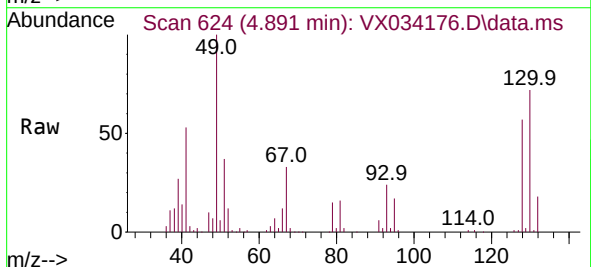
Manual Integrations
 APPROVED

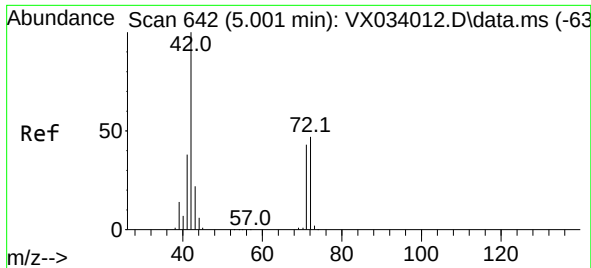
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023



#28
 Bromochloromethane
 Concen: 19.629 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VX034176.D
 Acq: 20 Feb 2023 10:38

Tgt Ion: 49 Resp: 84986
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 72.2 68.5 102.7





#29

Tetrahydrofuran

Concen: 89.956 ug/l

RT: 4.995 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tgt Ion: 42 Resp: 24245

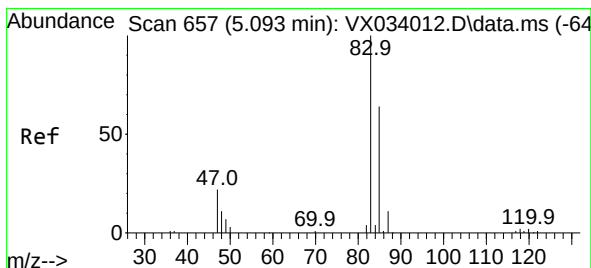
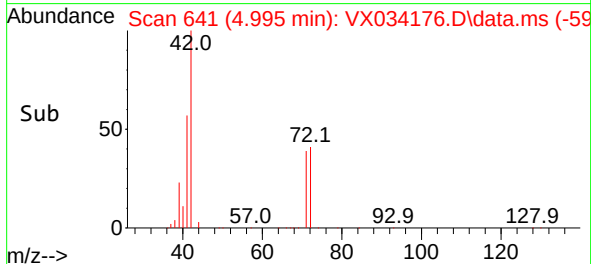
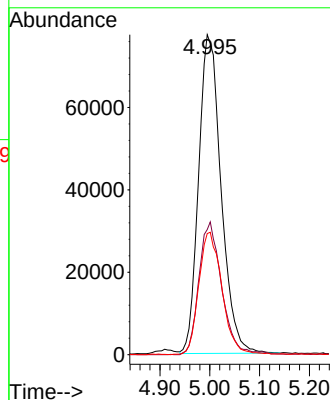
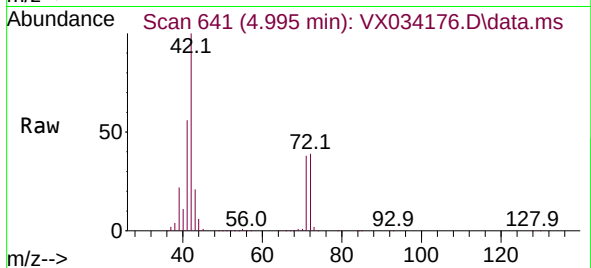
Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.8	52.2
71	39.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#30

Chloroform

Concen: 18.896 ug/l

RT: 5.092 min Scan# 657

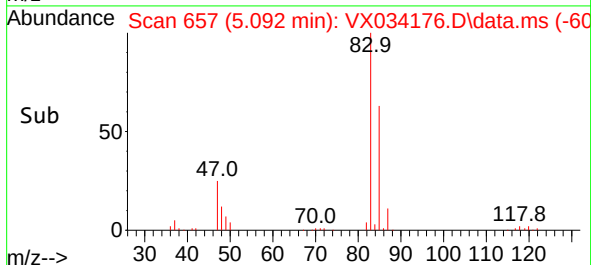
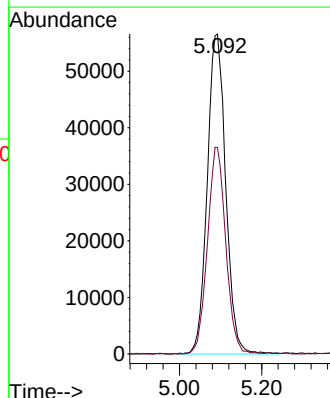
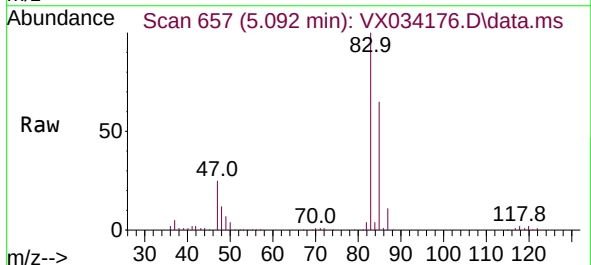
Delta R.T. 0.000 min

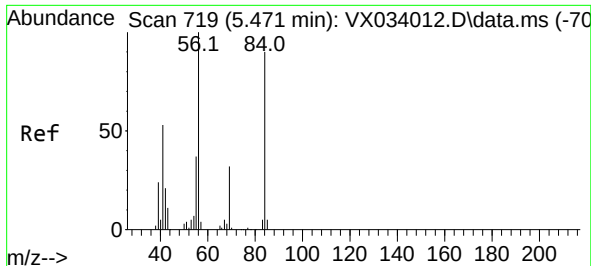
Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

Tgt Ion: 83 Resp: 176103

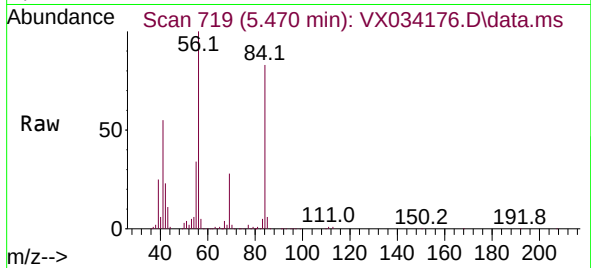
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.1	78.1





#31
Cyclohexane
Concen: 19.289 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

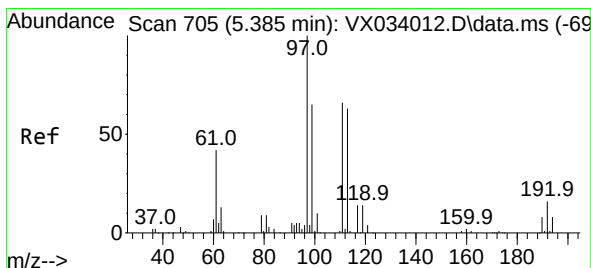
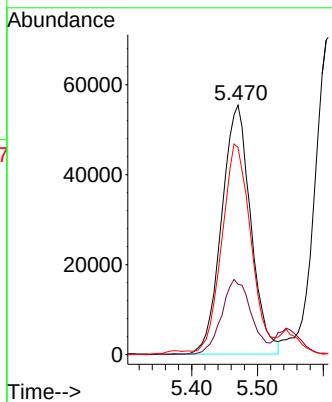
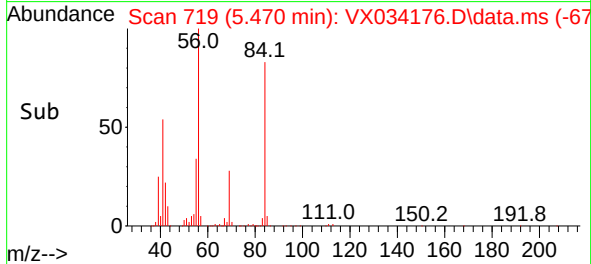
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



Tgt Ion: 56 Resp: 170460
Ion Ratio Lower Upper
56 100
69 28.1 24.6 37.0
84 81.7 71.0 106.6

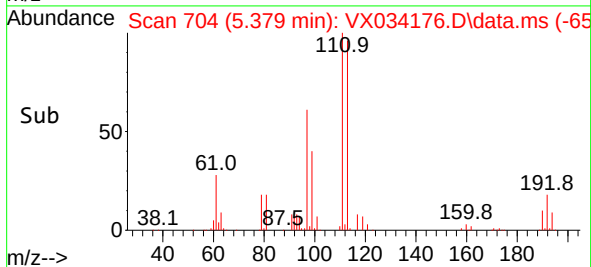
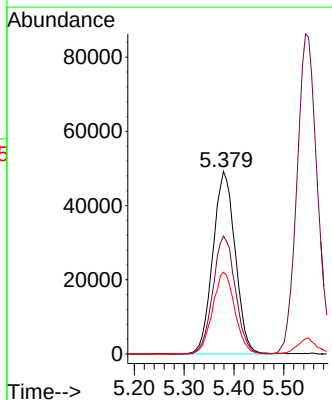
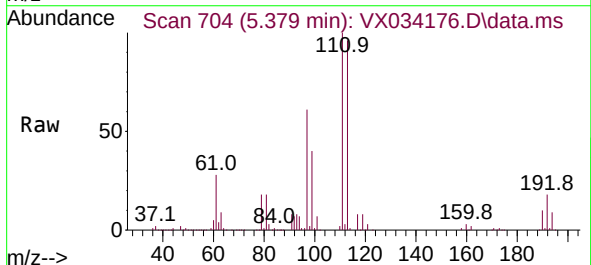
Manual Integrations
APPROVED

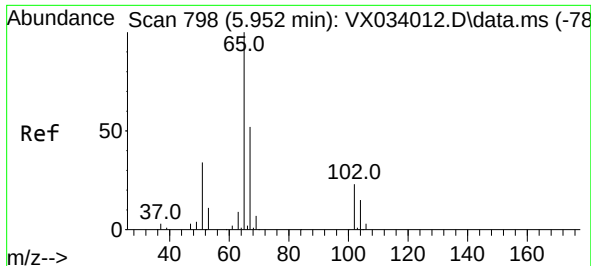
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#32
1,1,1-Trichloroethane
Concen: 18.332 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Tgt Ion: 97 Resp: 153152
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 44.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.546 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tgt Ion: 65 Resp: 26959

Ion Ratio Lower Upper

65 100

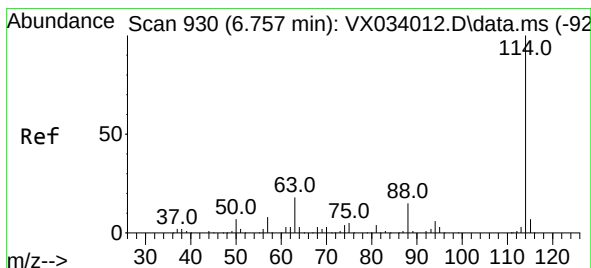
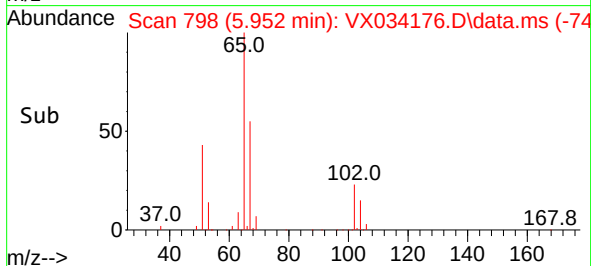
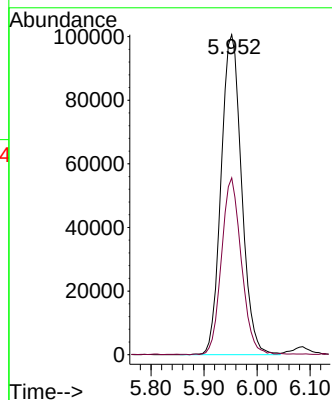
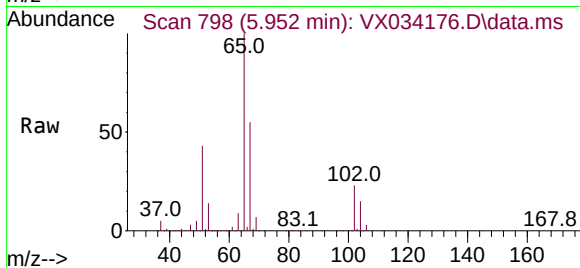
67 53.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

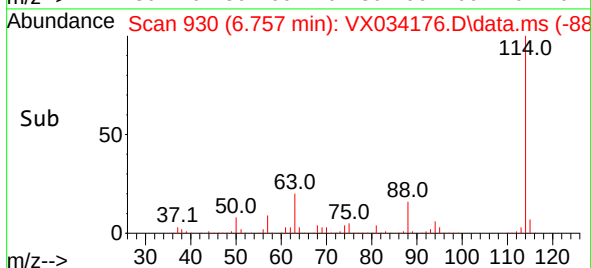
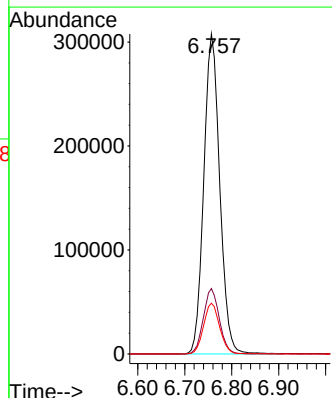
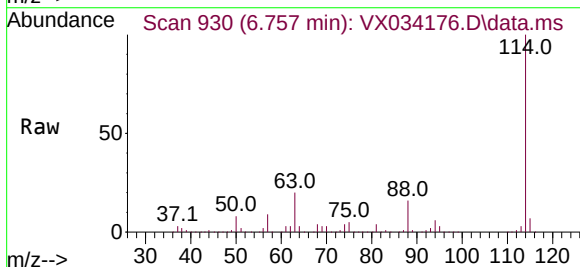
Tgt Ion:114 Resp: 725915

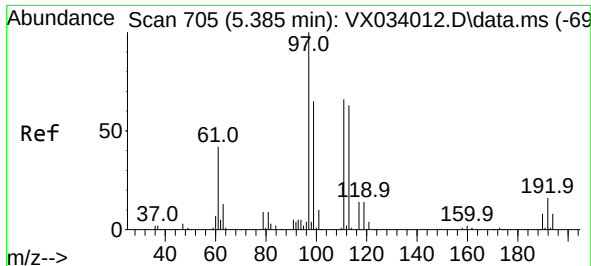
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

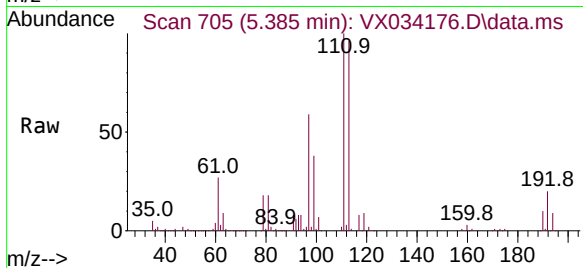
88 15.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.611 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

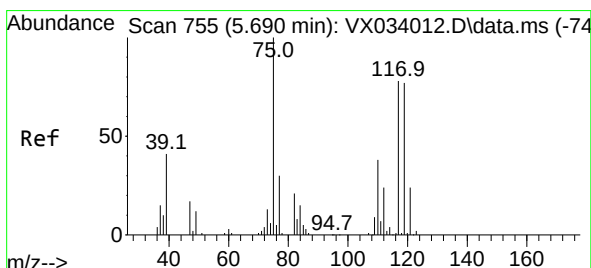
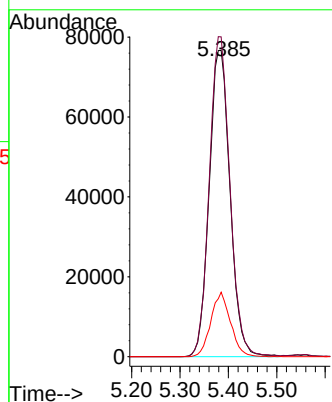
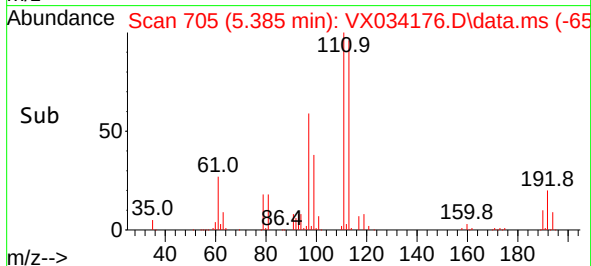
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



Tgt Ion:113 Resp: 22975
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.6
192 19.8 19.0 28.4

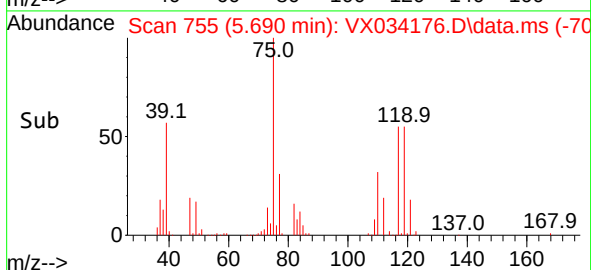
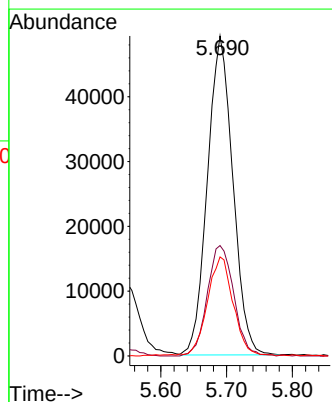
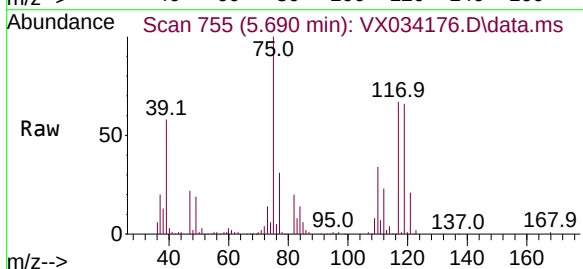
Manual Integrations
APPROVED

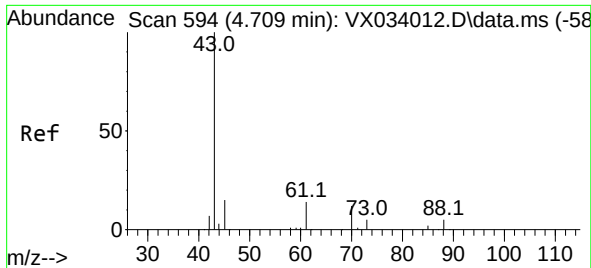
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#36
1,1-Dichloropropene
Concen: 18.941 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Tgt Ion: 75 Resp: 132393
Ion Ratio Lower Upper
75 100
110 36.1 18.8 56.4
77 32.0 25.1 37.7





#37

Ethyl Acetate

Concen: 19.006 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

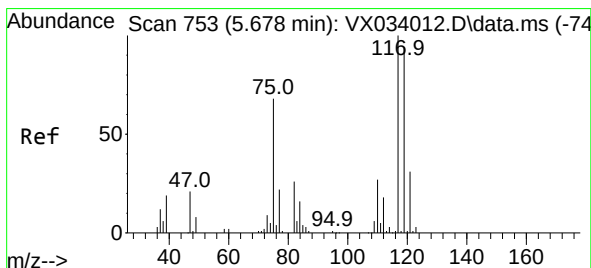
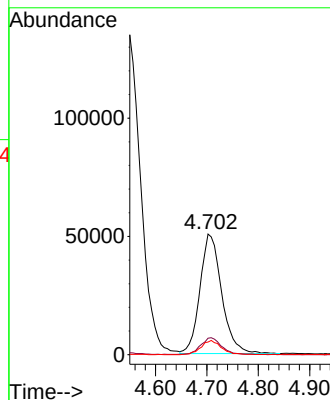
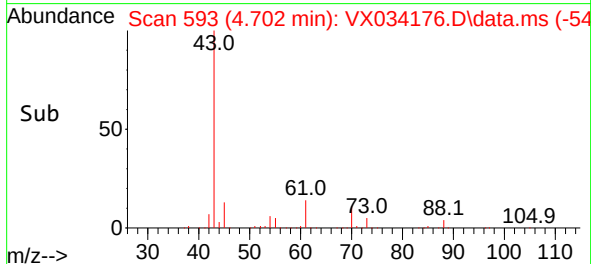
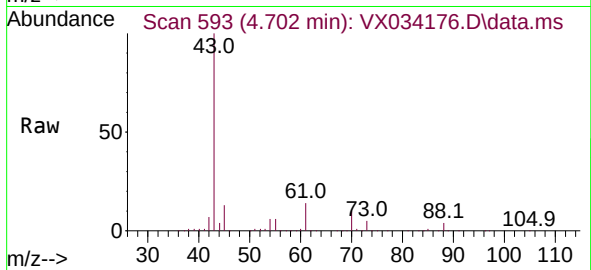
Tgt Ion: 43 Resp: 148475
 Ion Ratio Lower Upper
 43 100
 61 14.0 11.1 16.7
 70 11.3 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#38

Carbon Tetrachloride

Concen: 18.673 ug/l

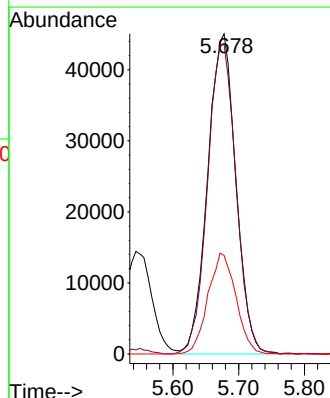
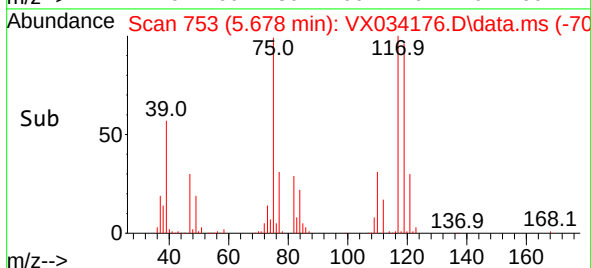
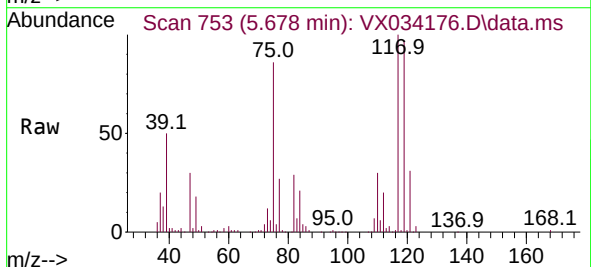
RT: 5.678 min Scan# 753

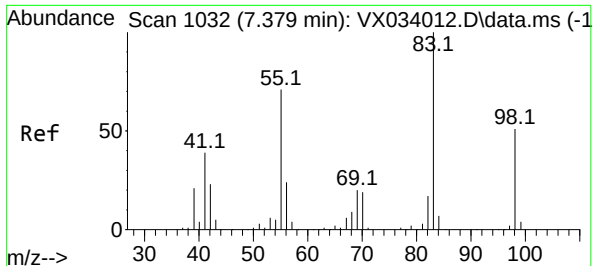
Delta R.T. 0.006 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

Tgt Ion:117 Resp: 134308
 Ion Ratio Lower Upper
 117 100
 119 96.8 78.0 117.0
 121 30.8 24.4 36.6





#39

Methylcyclohexane

Concen: 19.190 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tgt Ion: 83 Resp: 172614

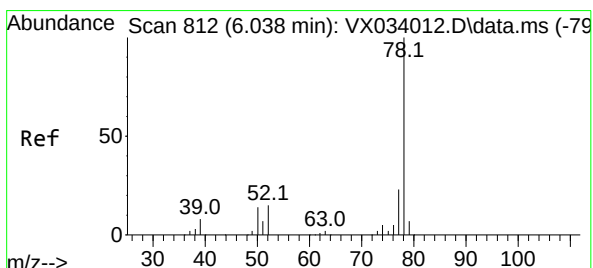
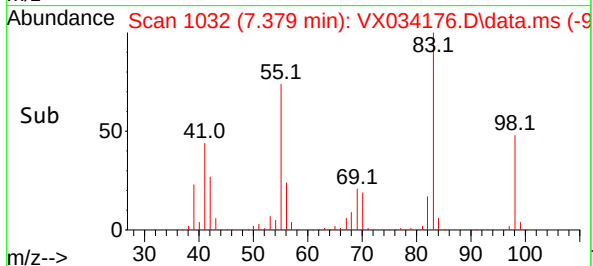
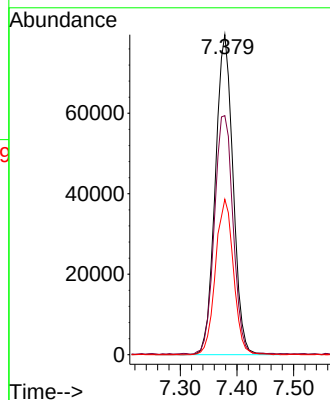
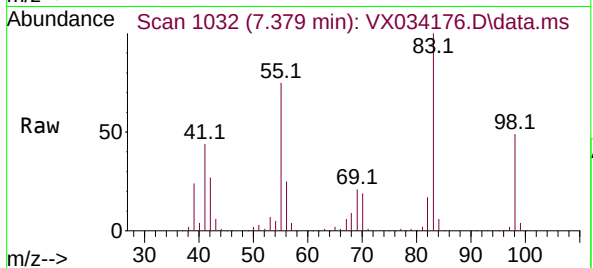
Ion	Ratio	Lower	Upper
83	100		
55	74.4	61.8	92.6
98	48.6	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#40

Benzene

Concen: 19.461 ug/l

RT: 6.037 min Scan# 812

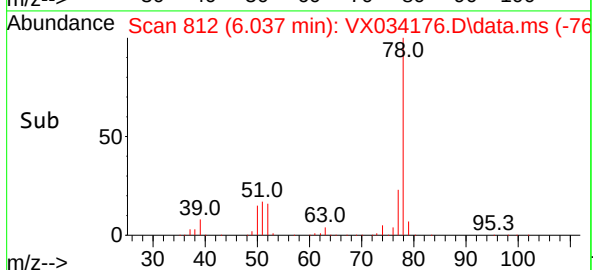
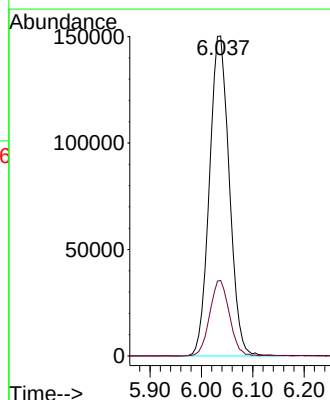
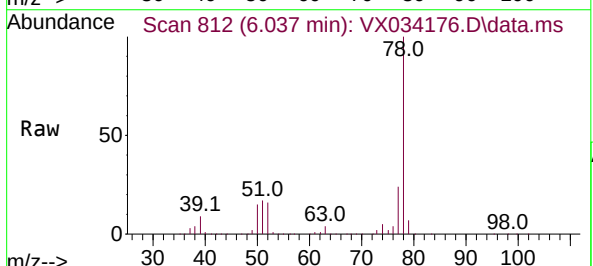
Delta R.T. 0.000 min

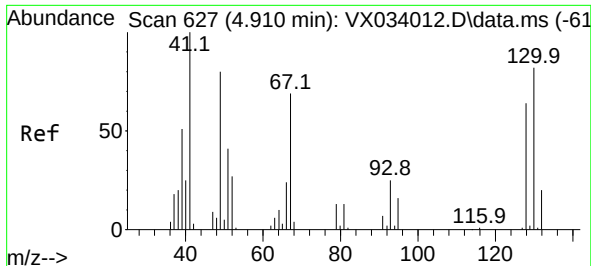
Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

Tgt Ion: 78 Resp: 403114

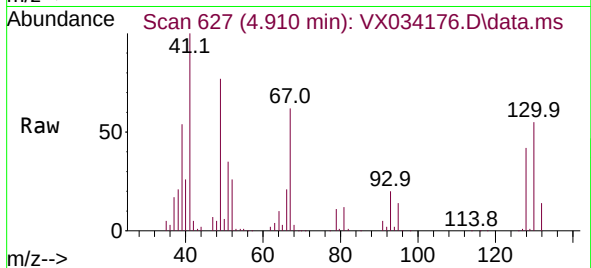
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





#41
Methacrylonitrile
Concen: 18.954 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

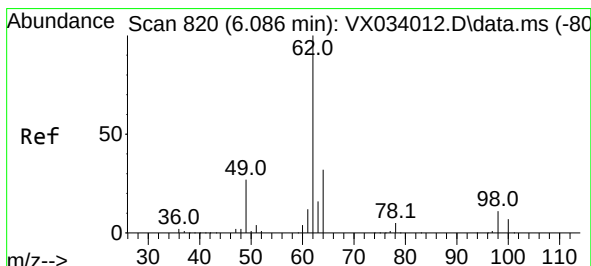
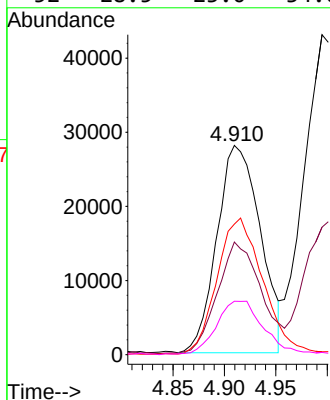
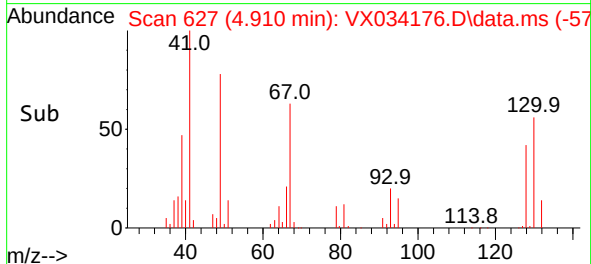
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



Tgt Ion: 41 Resp: 82490
Ion Ratio Lower Upper
41 100
39 54.7 43.8 65.6
67 70.3 54.8 82.2
52 28.5 23.0 34.6

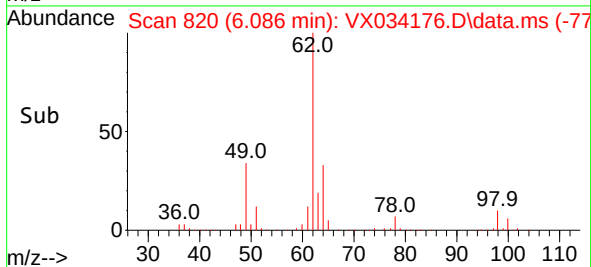
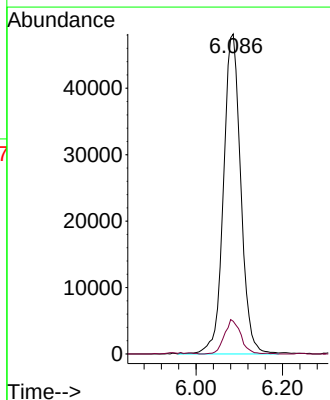
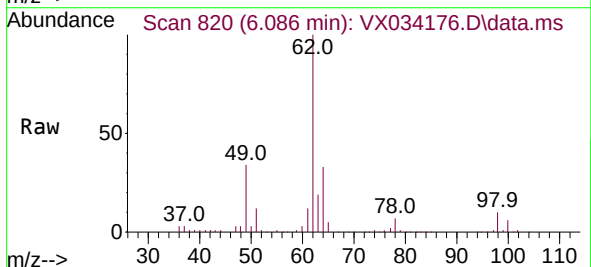
Manual Integrations
APPROVED

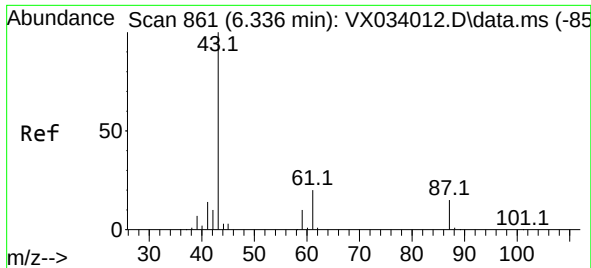
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#42
1,2-Dichloroethane
Concen: 18.399 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

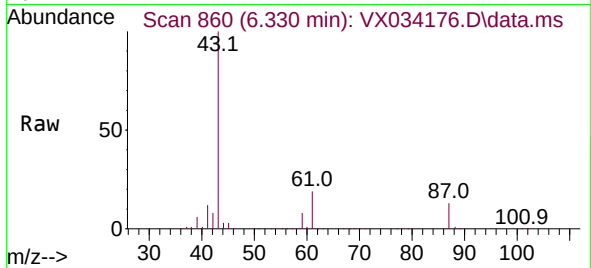
Tgt Ion: 62 Resp: 134042
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2





#43
Isopropyl Acetate
Concen: 19.063 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

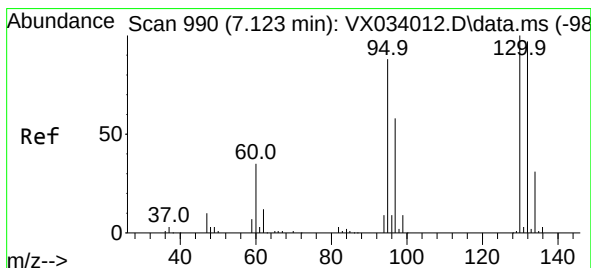
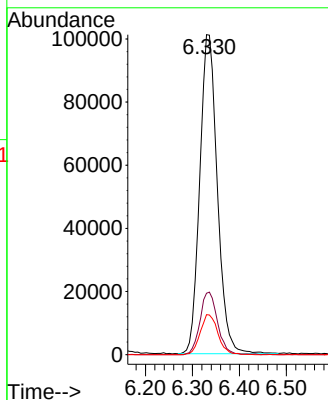
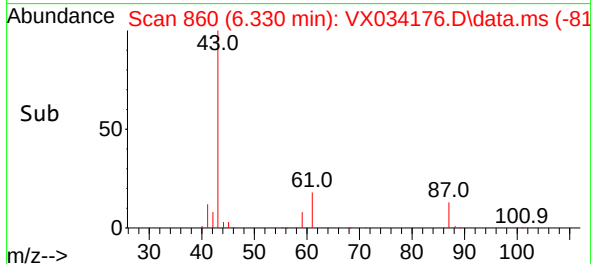
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



Tgt Ion: 43 Resp: 262789
Ion Ratio Lower Upper
43 100
61 19.4 15.7 23.5
87 12.7 10.6 15.8

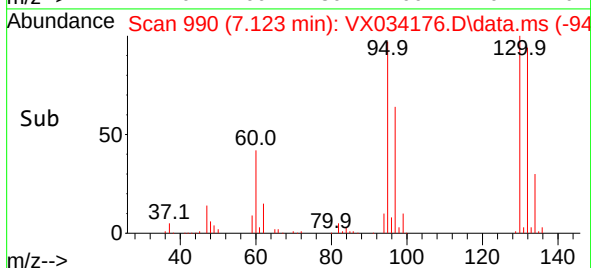
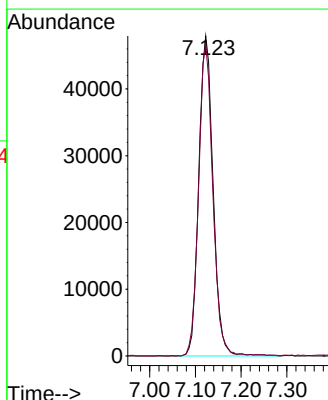
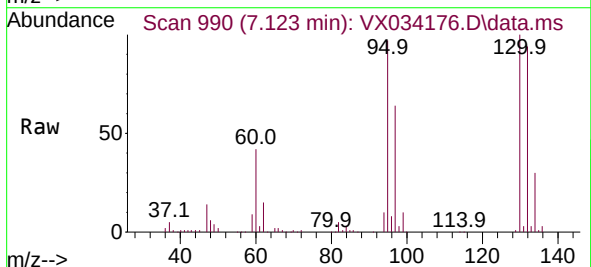
Manual Integrations
APPROVED

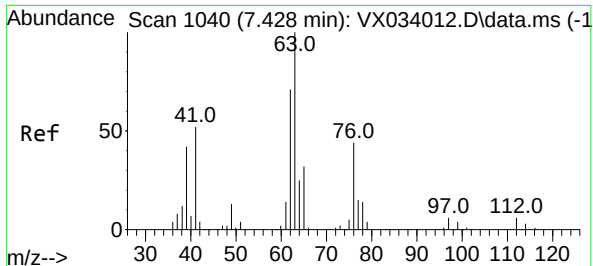
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#44
Trichloroethene
Concen: 19.605 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Tgt Ion:130 Resp: 104214
Ion Ratio Lower Upper
130 100
95 97.2 0.0 182.6





#45

1,2-Dichloropropane

Concen: 19.499 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tgt Ion: 63 Resp: 10752

Ion Ratio Lower Upper

63 100

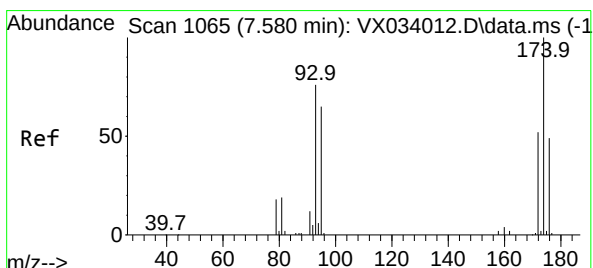
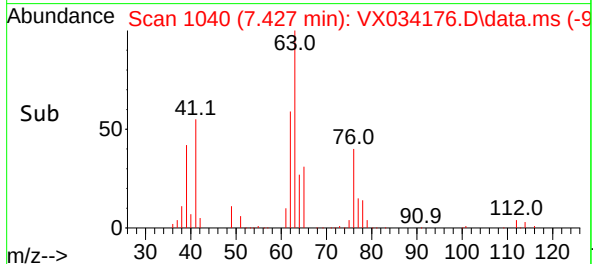
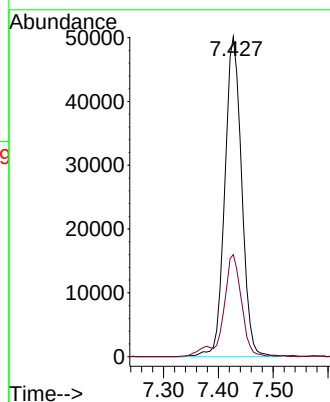
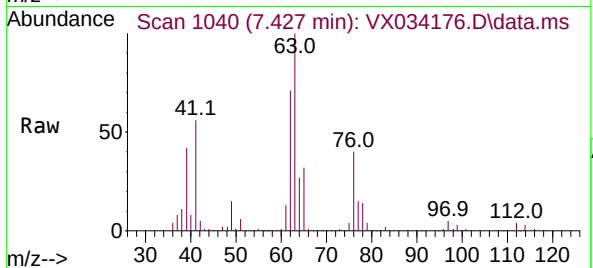
65 31.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#46

Dibromomethane

Concen: 19.110 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

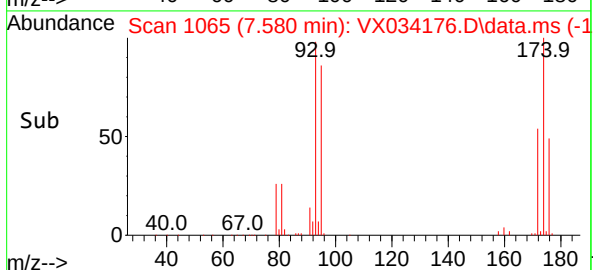
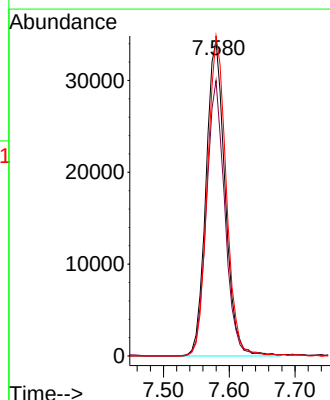
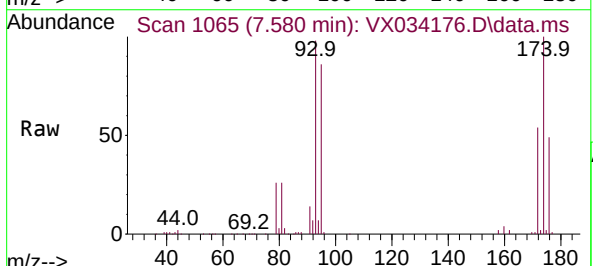
Tgt Ion: 93 Resp: 69351

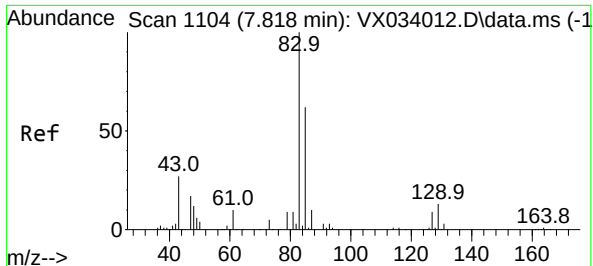
Ion Ratio Lower Upper

93 100

95 84.3 67.6 101.4

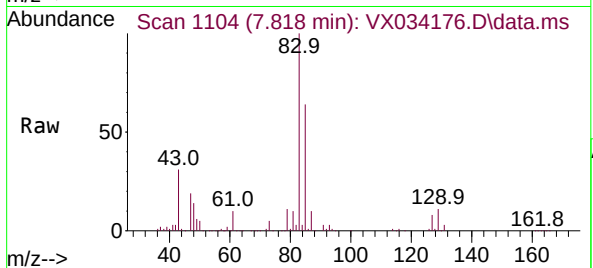
174 100.1 97.4 146.0





#47
Bromodichloromethane
Concen: 19.001 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

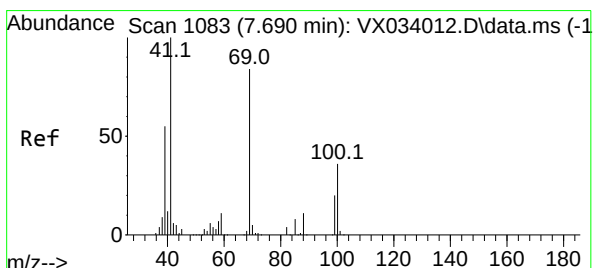
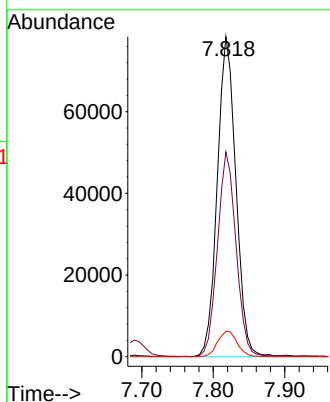
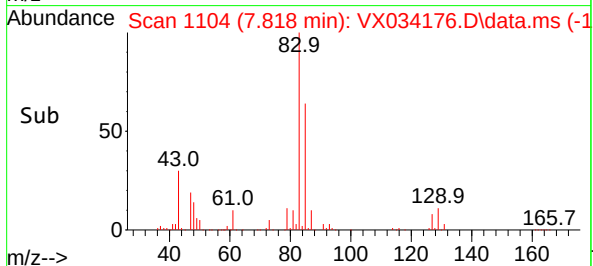
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



Tgt Ion: 83 Resp: 141515
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 8.0 7.0 10.4

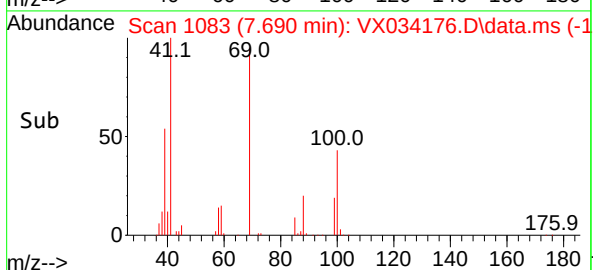
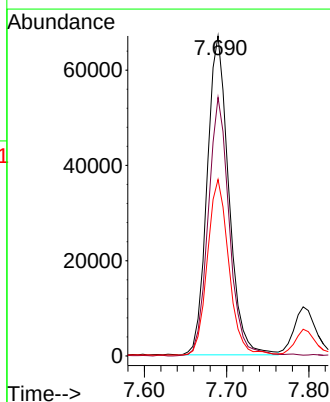
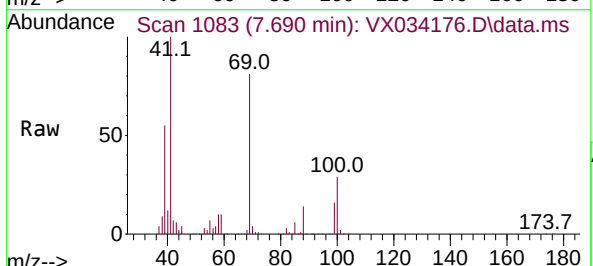
Manual Integrations
APPROVED

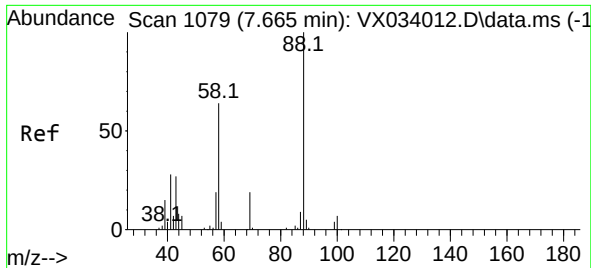
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#48
Methyl methacrylate
Concen: 18.707 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

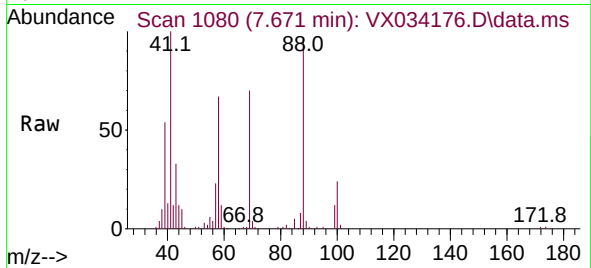
Tgt Ion: 41 Resp: 122399
Ion Ratio Lower Upper
41 100
69 79.0 63.1 94.7
39 54.4 43.2 64.8





#49
1,4-Dioxane
Concen: 341.567 ug/l
RT: 7.671 min Scan# 1079
Delta R.T. 0.018 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

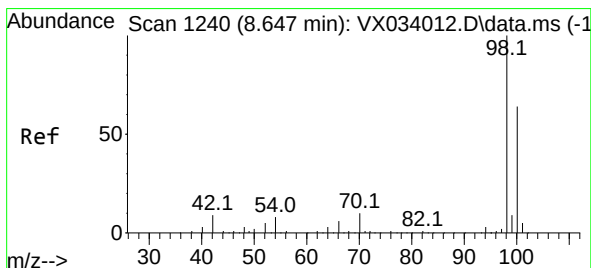
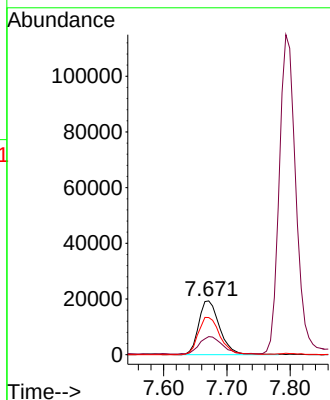
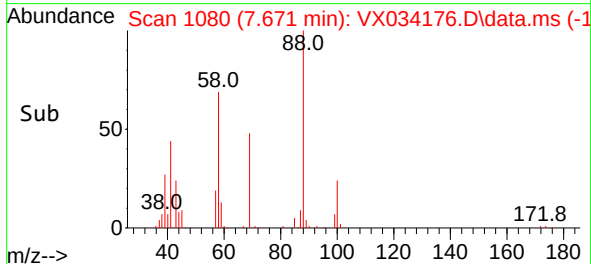
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



Tgt Ion: 88 Resp: 44572
Ion Ratio Lower Upper
88 100
43 35.0 0.0 0.0
58 72.0 56.5 84.7

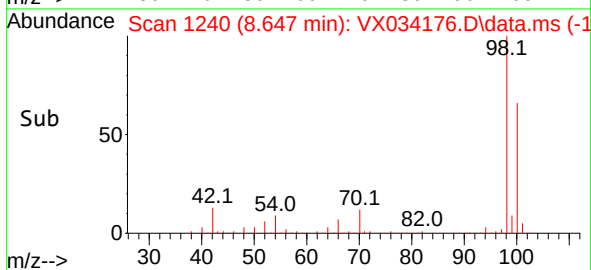
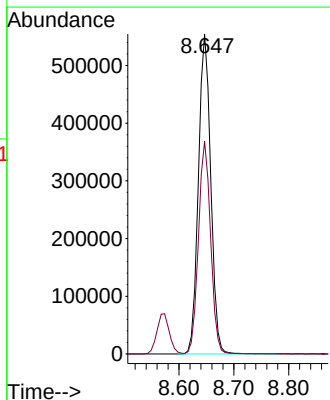
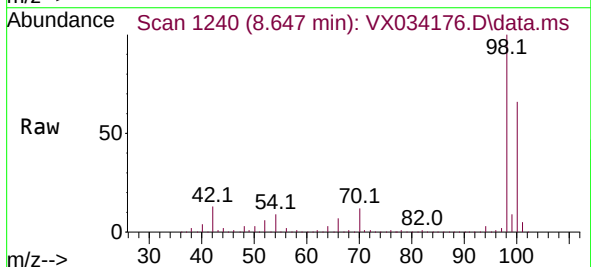
Manual Integrations
APPROVED

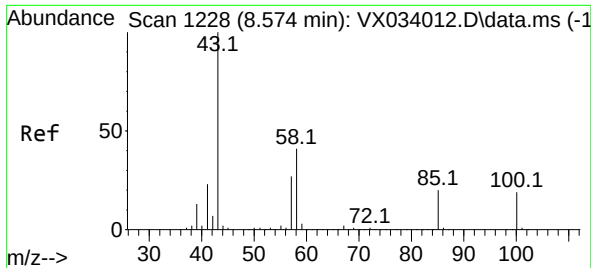
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#50
Toluene-d8
Concen: 51.112 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Tgt Ion: 98 Resp: 867344
Ion Ratio Lower Upper
98 100
100 65.7 53.6 80.4





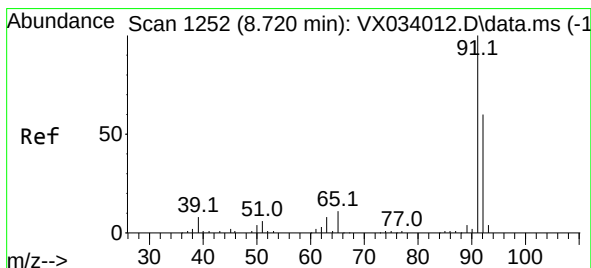
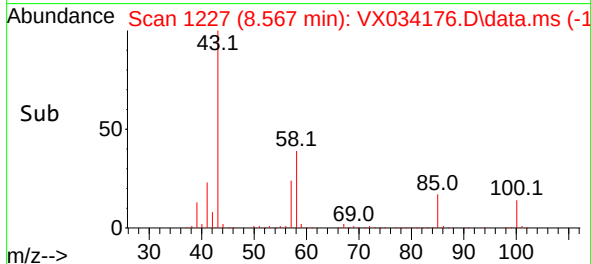
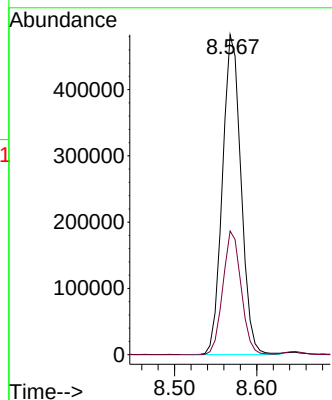
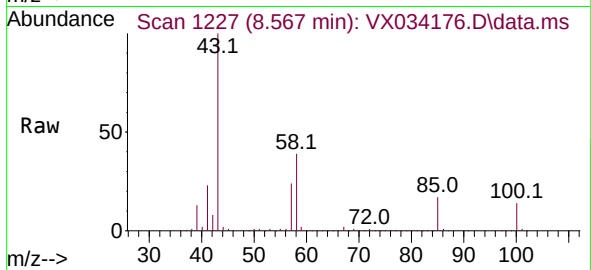
#51
4-Methyl-2-Pentanone
Concen: 99.739 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tgt Ion: 43 Resp: 756460
Ion Ratio Lower Upper
43 100
58 38.1 31.2 46.8

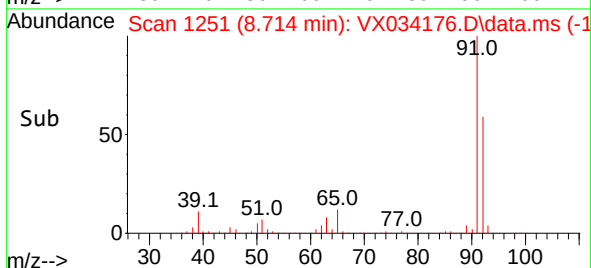
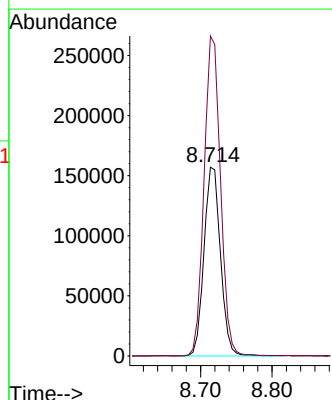
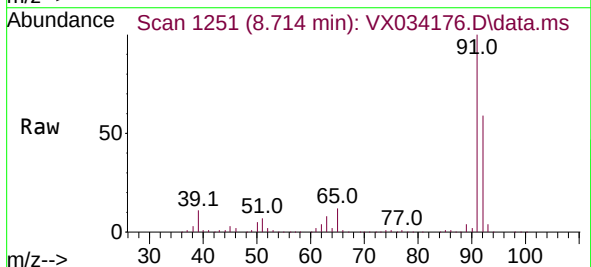
Manual Integrations
APPROVED

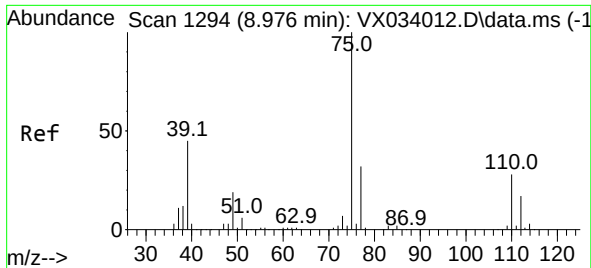
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#52
Toluene
Concen: 20.038 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Tgt Ion: 92 Resp: 251510
Ion Ratio Lower Upper
92 100
91 168.9 135.5 203.3





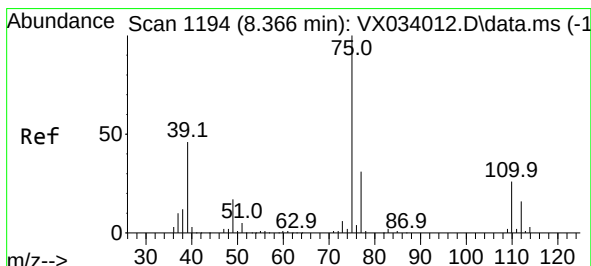
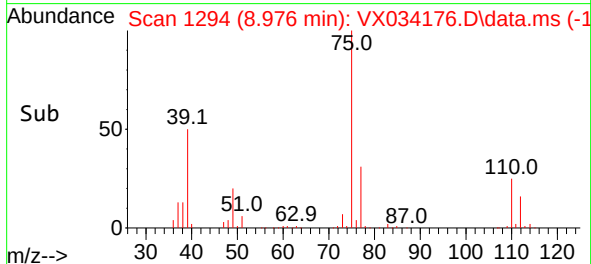
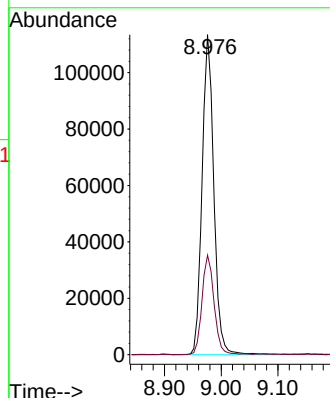
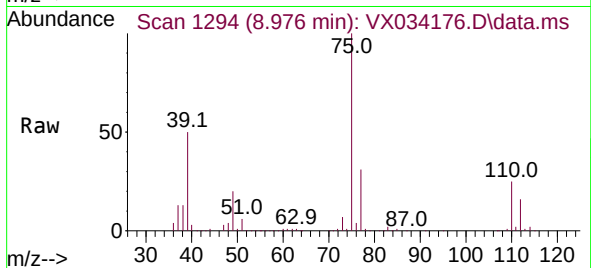
#53
t-1,3-Dichloropropene
Concen: 18.991 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tgt Ion: 75 Resp: 162802
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3

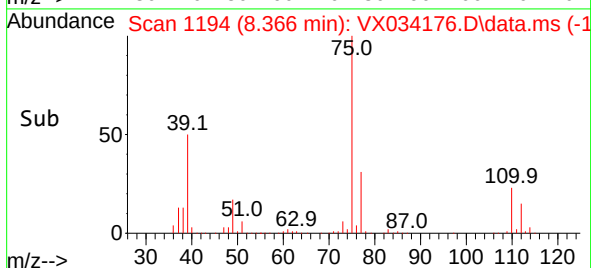
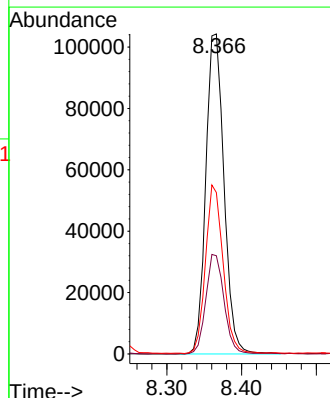
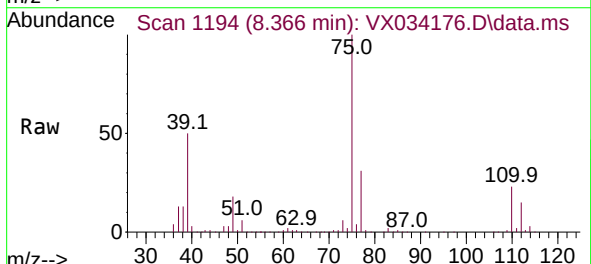
Manual Integrations
APPROVED

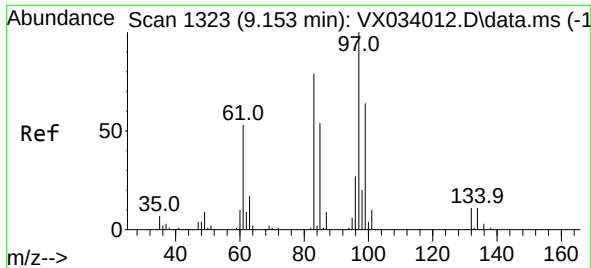
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#54
cis-1,3-Dichloropropene
Concen: 19.197 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

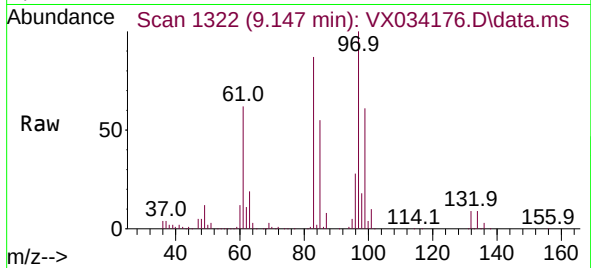
Tgt Ion: 75 Resp: 176180
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.6
39 50.2 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 19.741 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

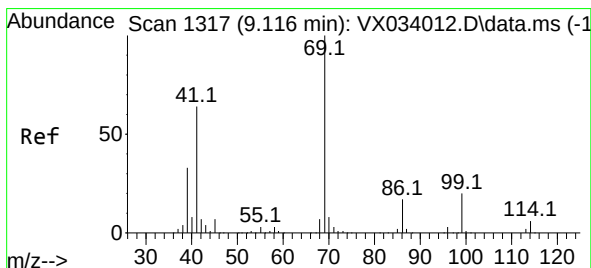
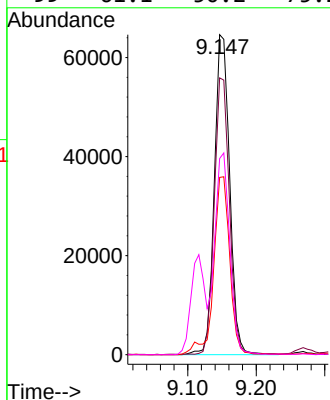
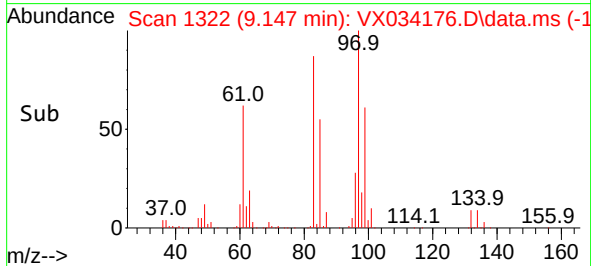


Tgt Ion: 97 Resp: 10001

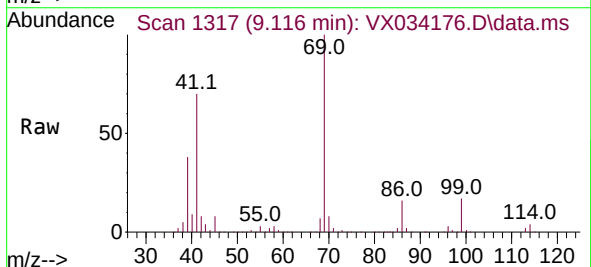
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.4	101.0
85	55.4	43.2	64.8
99	61.1	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

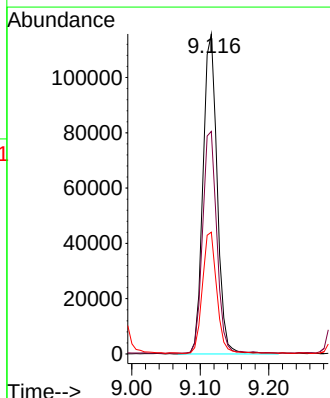
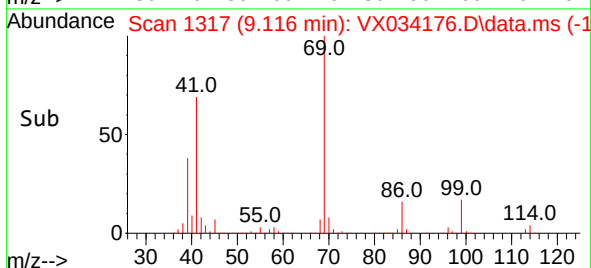


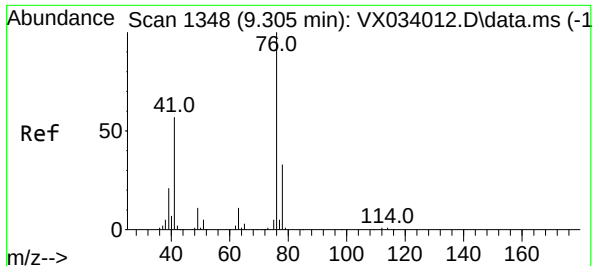
#56
Ethyl methacrylate
Concen: 19.474 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38



Tgt Ion: 69 Resp: 166903

Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.1	82.7
39	38.4	28.5	42.7





#57

1,3-Dichloropropane

Concen: 19.720 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tgt Ion: 76 Resp: 17382

Ion Ratio Lower Upper

76 100

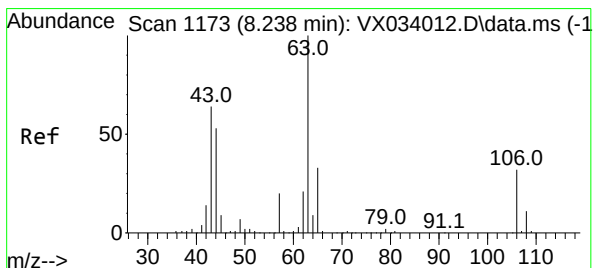
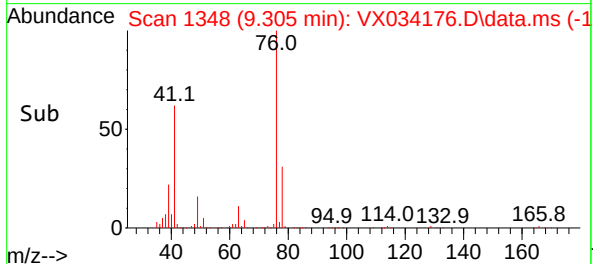
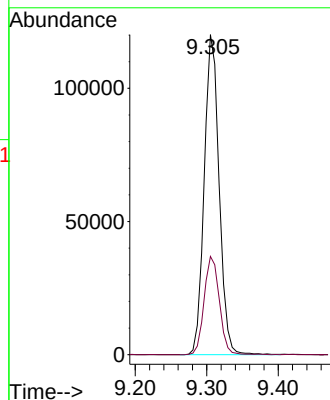
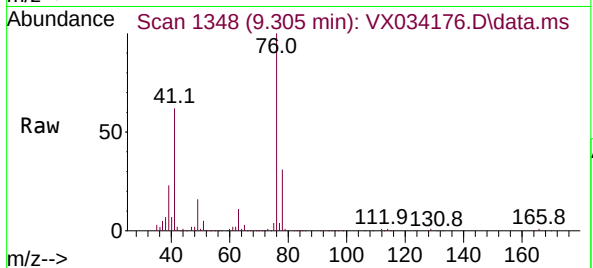
78 31.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 95.791 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034176.D

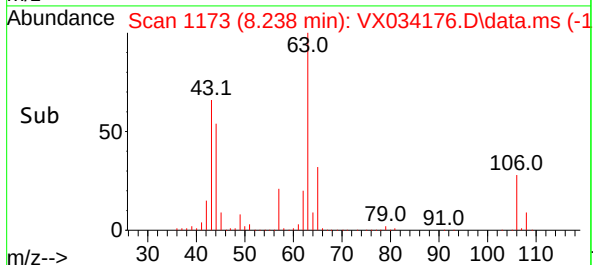
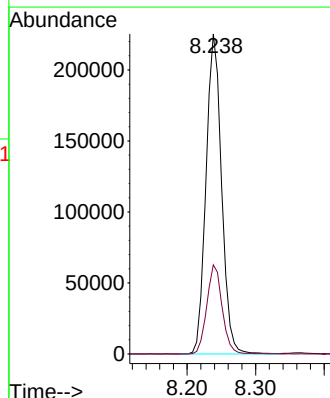
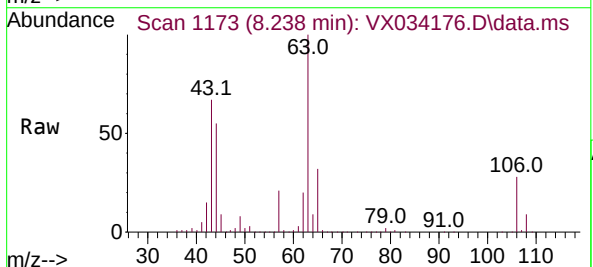
Acq: 20 Feb 2023 10:38

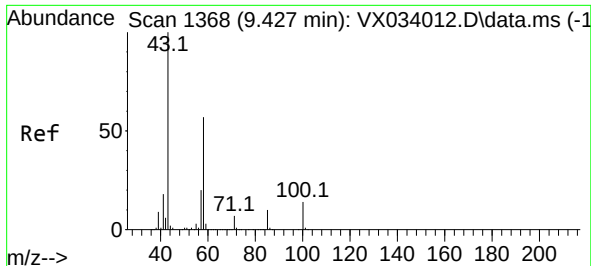
Tgt Ion: 63 Resp: 355638

Ion Ratio Lower Upper

63 100

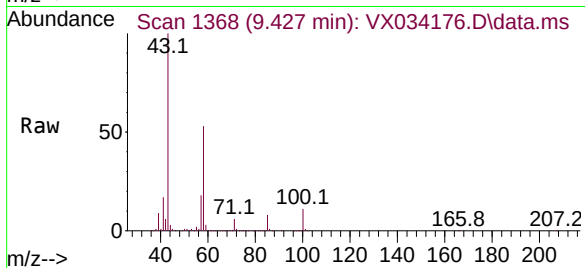
106 27.5 24.5 36.7





#59
2-Hexanone
Concen: 96.450 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

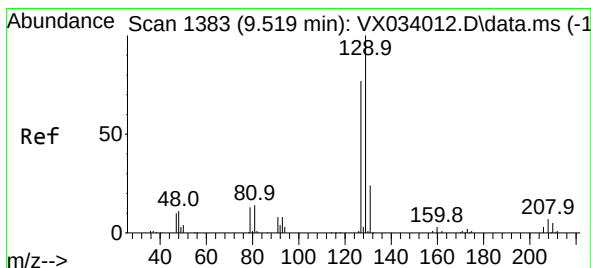
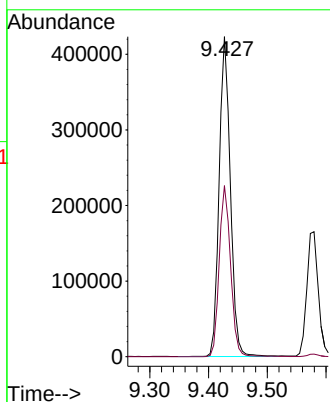
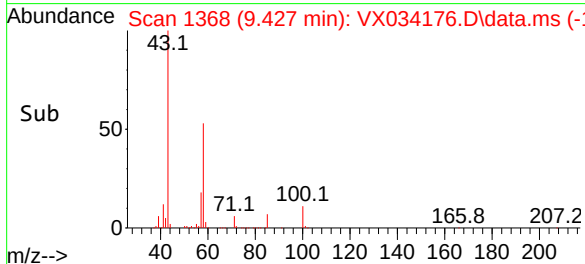
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



Tgt Ion: 43 Resp: 55749
Ion Ratio Lower Upper
43 100
58 54.1 27.4 82.0

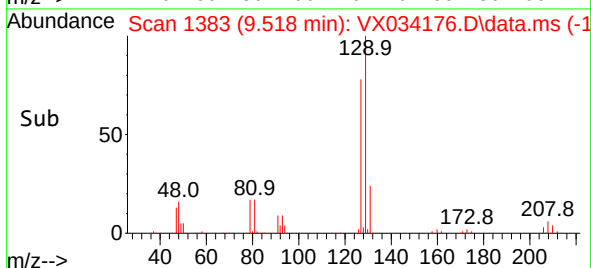
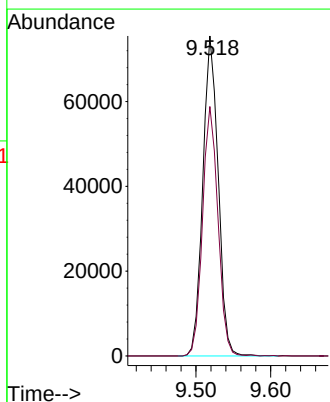
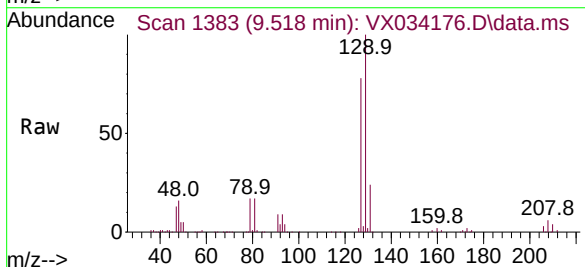
Manual Integrations
APPROVED

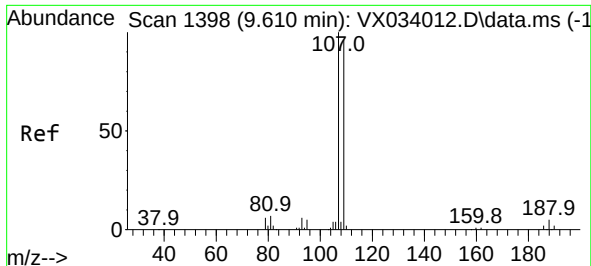
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#60
Dibromochloromethane
Concen: 19.247 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

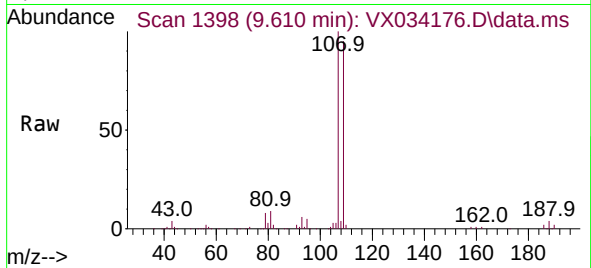
Tgt Ion:129 Resp: 107743
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.3





#61
1,2-Dibromoethane
Concen: 19.434 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

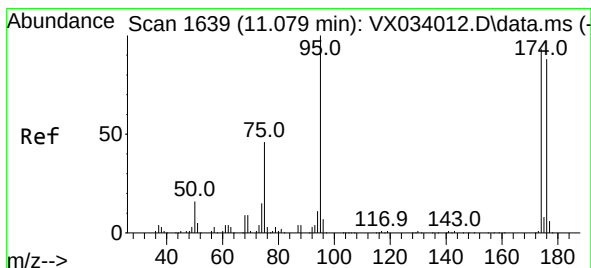
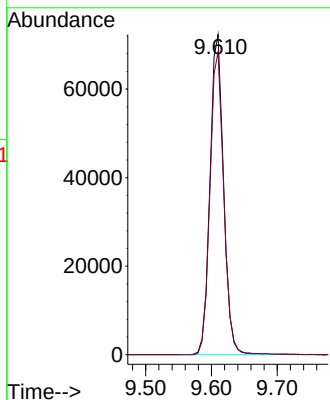
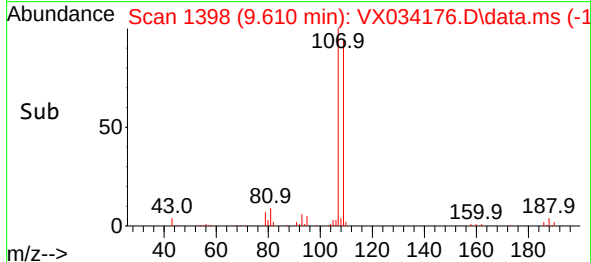
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



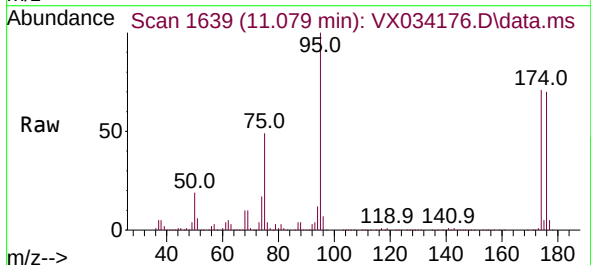
Tgt Ion:107 Resp: 104130
Ion Ratio Lower Upper
107 100
109 95.6 74.2 111.2

Manual Integrations
APPROVED

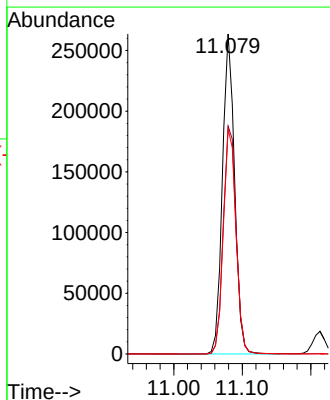
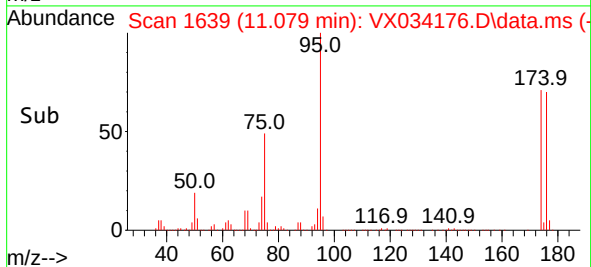
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

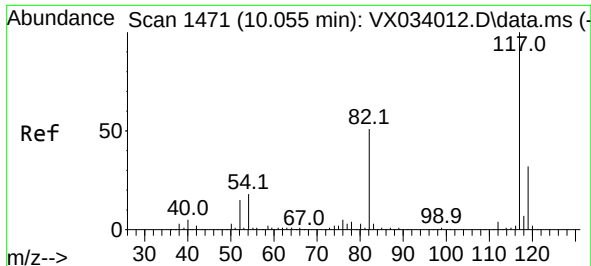


#62
4-Bromofluorobenzene
Concen: 49.717 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38



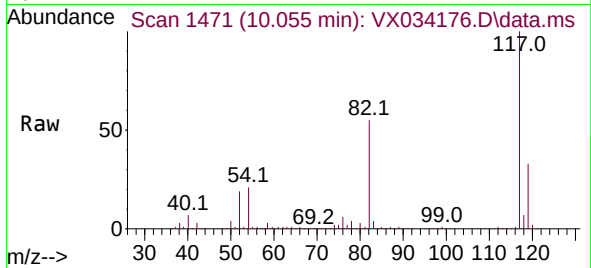
Tgt Ion: 95 Resp: 322708
Ion Ratio Lower Upper
95 100
174 75.3 0.0 184.4
176 73.3 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

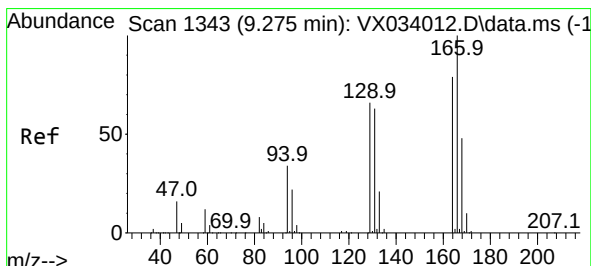
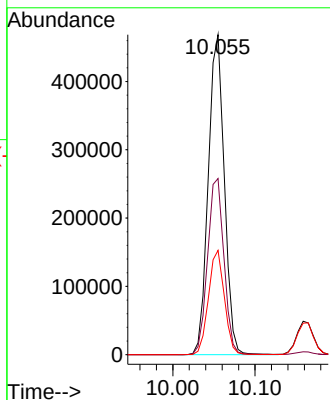
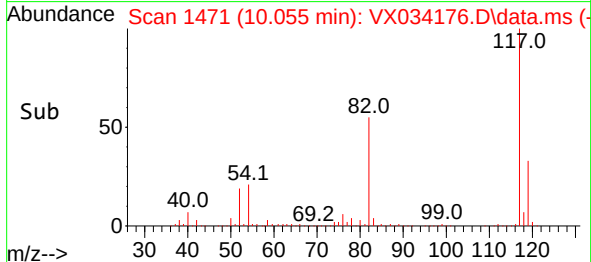
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



Tgt Ion:117 Resp: 63608
Ion Ratio Lower Upper
117 100
82 55.0 40.6 60.8
119 32.6 25.6 38.4

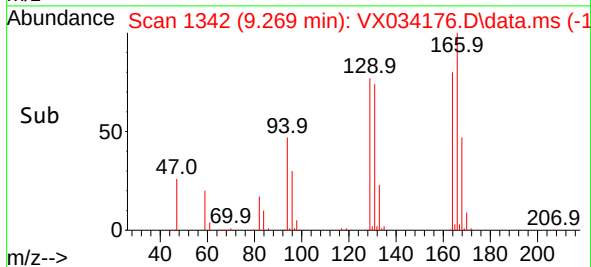
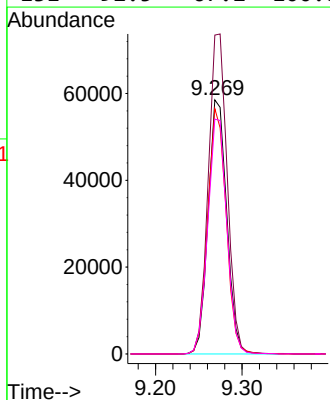
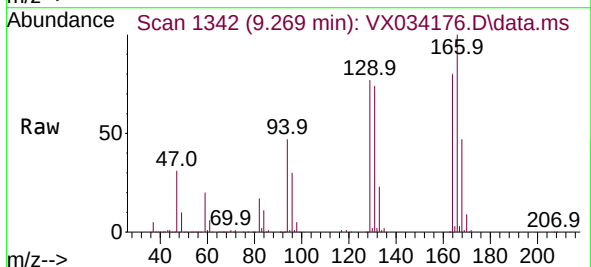
Manual Integrations
APPROVED

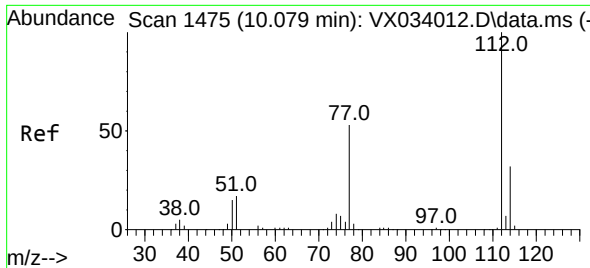
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#64
Tetrachloroethene
Concen: 19.489 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

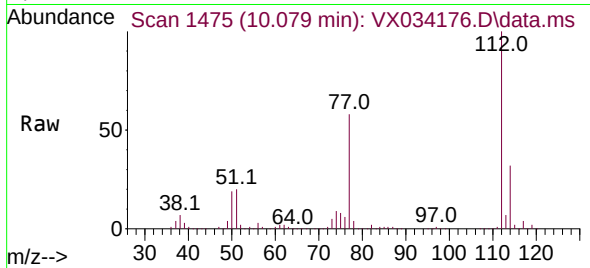
Tgt Ion:164 Resp: 87492
Ion Ratio Lower Upper
164 100
166 125.5 100.2 150.2
129 96.5 69.2 103.8
131 92.5 67.2 100.8





#65
Chlorobenzene
Concen: 19.929 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

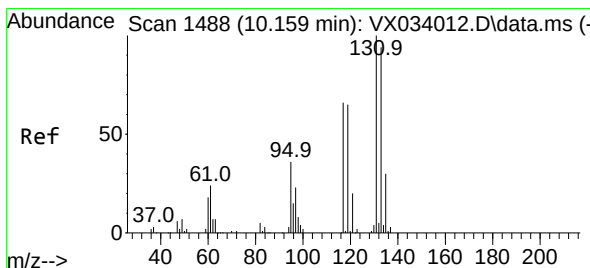
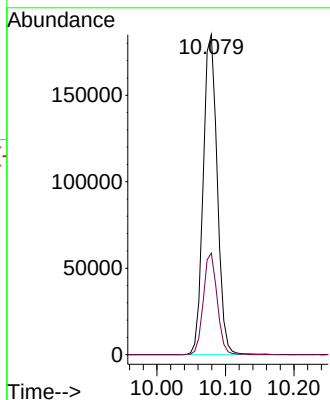
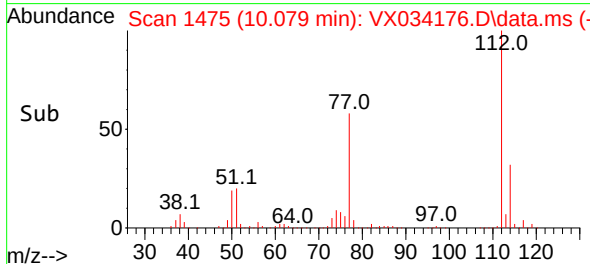
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



Tgt Ion:112 Resp: 264230
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4

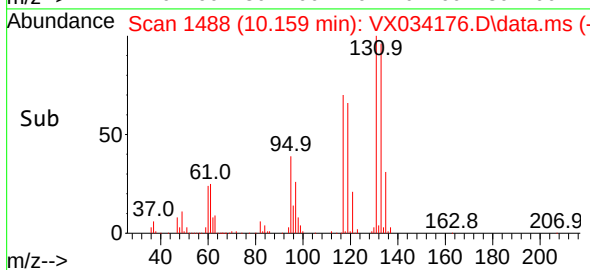
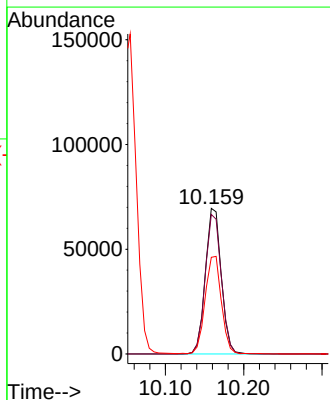
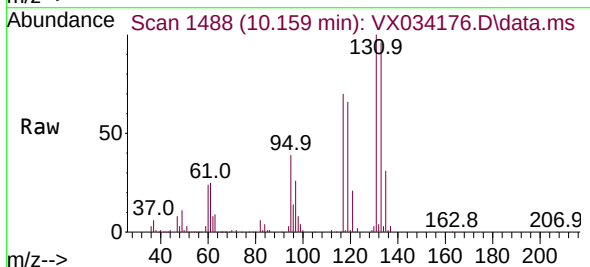
Manual Integrations
APPROVED

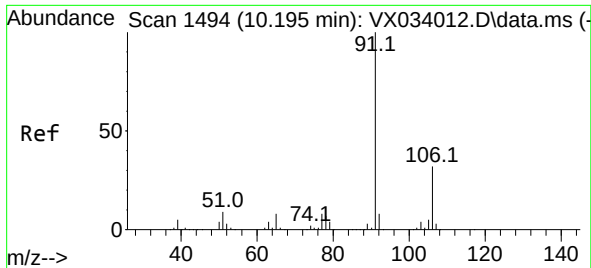
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.048 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

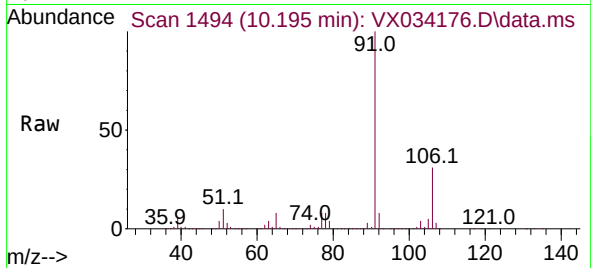
Tgt Ion:131 Resp: 97770
Ion Ratio Lower Upper
131 100
133 97.1 48.4 145.0
119 68.9 31.9 95.7





#67
Ethyl Benzene
Concen: 20.011 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

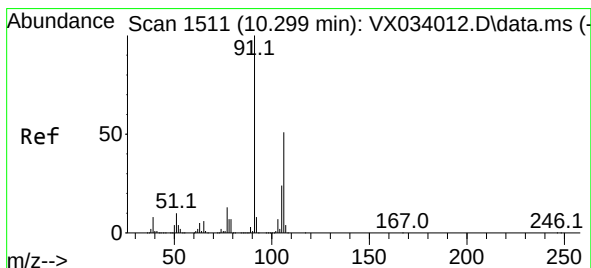
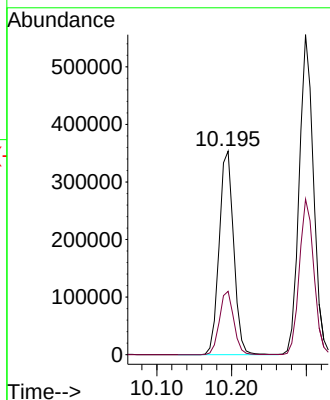
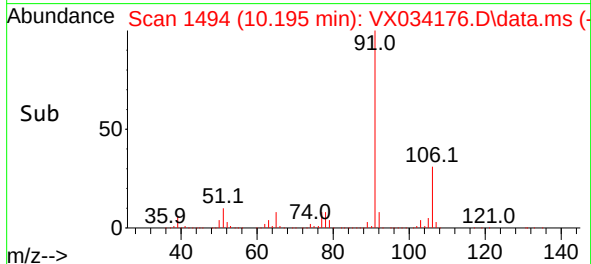
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



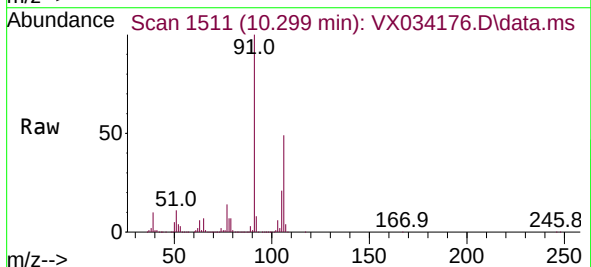
Tgt Ion: 91 Resp: 47666
Ion Ratio Lower Upper
91 100
106 31.1 25.8 38.8

Manual Integrations
APPROVED

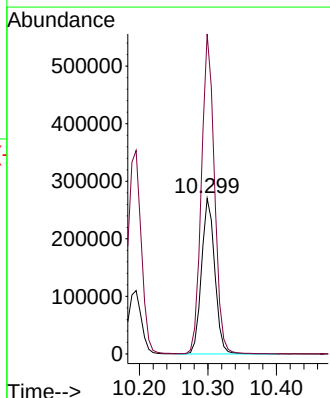
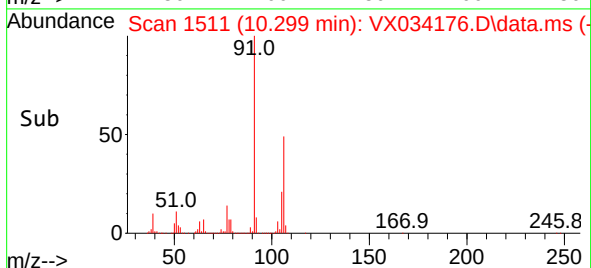
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

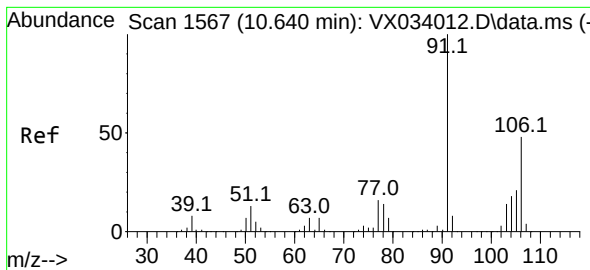


#68
m/p-Xylenes
Concen: 39.859 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38



Tgt Ion:106 Resp: 363353
Ion Ratio Lower Upper
106 100
91 202.7 156.4 234.6





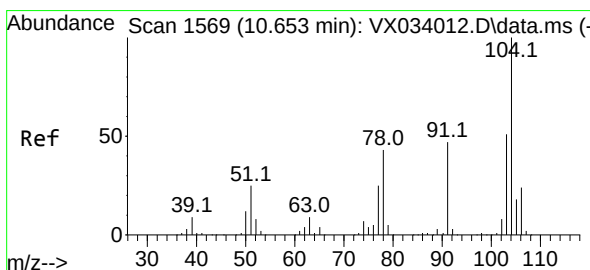
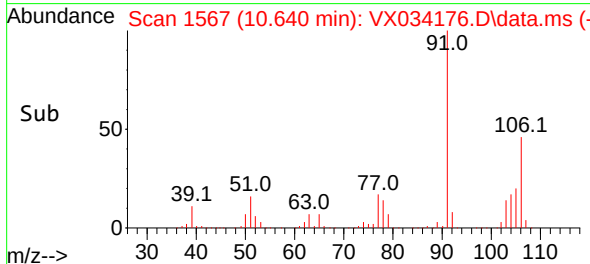
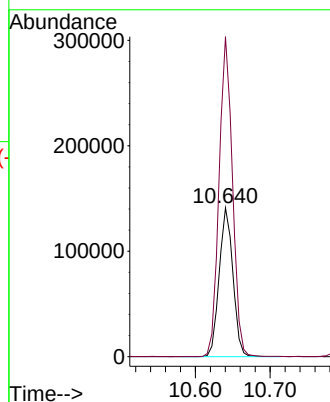
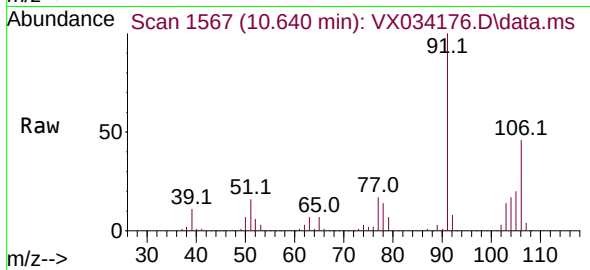
#69
o-Xylene
Concen: 19.888 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tgt Ion:106 Resp: 18048
Ion Ratio Lower Upper
106 100
91 209.7 103.1 309.3

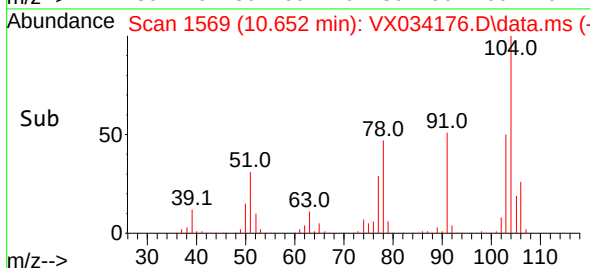
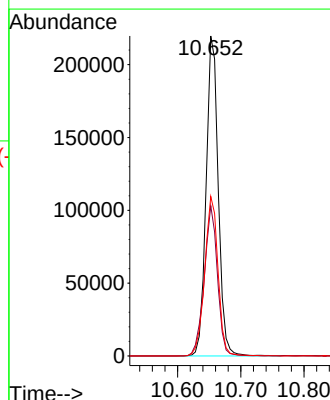
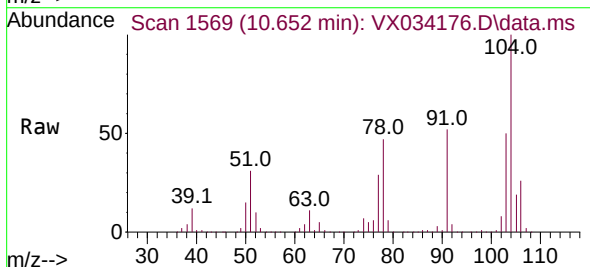
Manual Integrations
APPROVED

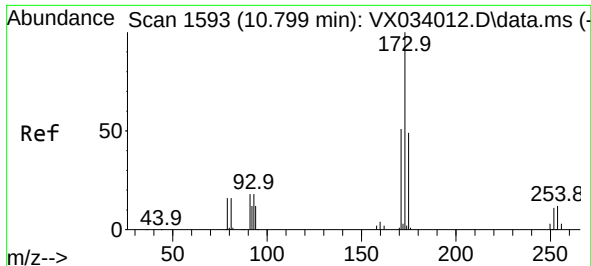
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#70
Styrene
Concen: 19.927 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

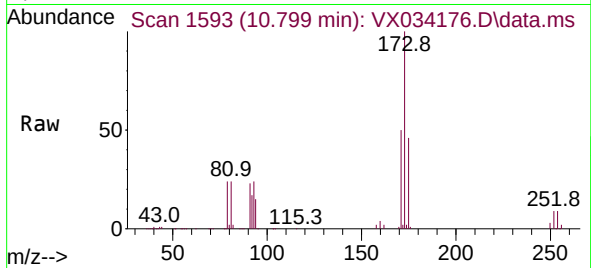
Tgt Ion:104 Resp: 294120
Ion Ratio Lower Upper
104 100
78 51.1 37.5 56.3
103 54.7 43.3 64.9





#71
Bromoform
Concen: 18.953 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

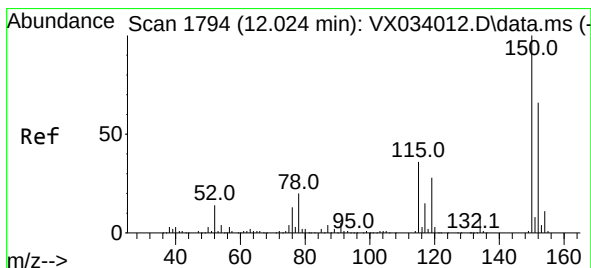
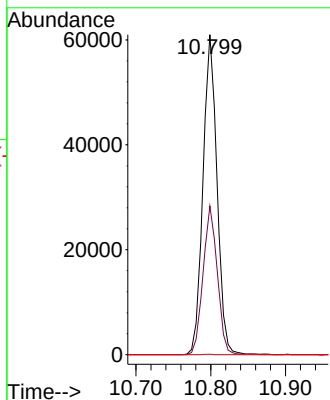
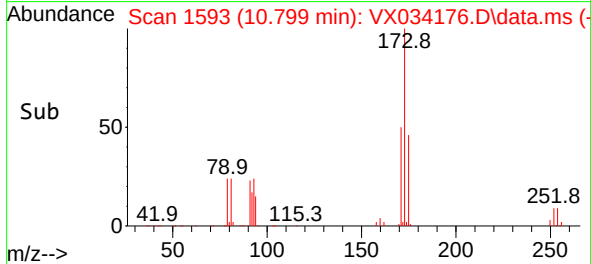
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



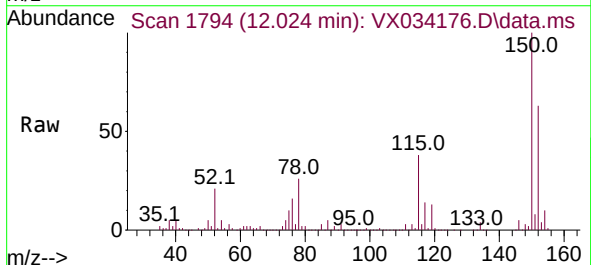
Tgt Ion:173 Resp: 79410
Ion Ratio Lower Upper
173 100
175 47.3 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

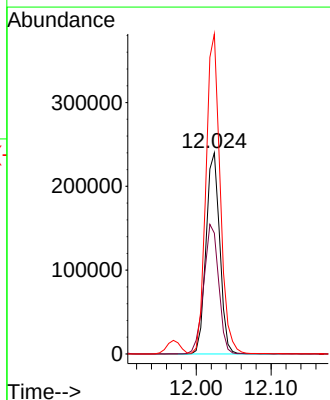
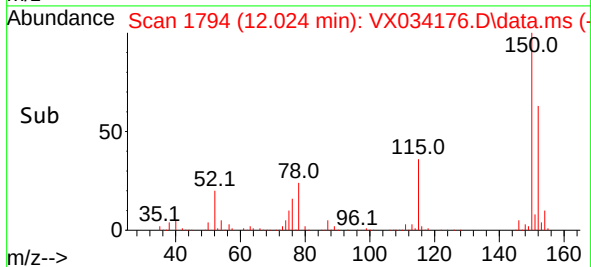
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

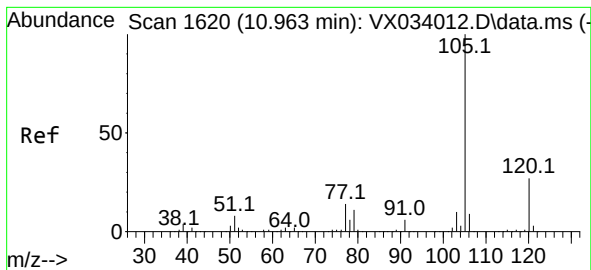


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38



Tgt Ion:152 Resp: 305001
Ion Ratio Lower Upper
152 100
115 70.3 38.7 116.1
150 164.4 0.0 348.2





#73

Isopropylbenzene

Concen: 19.819 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tgt Ion:105 Resp: 46068

Ion Ratio Lower Upper

105 100

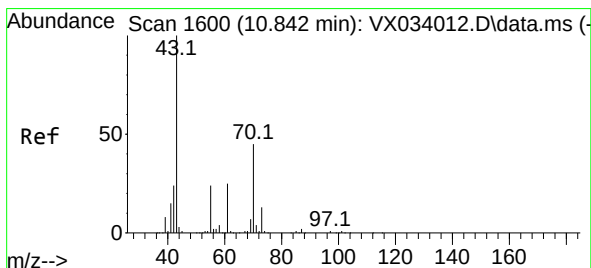
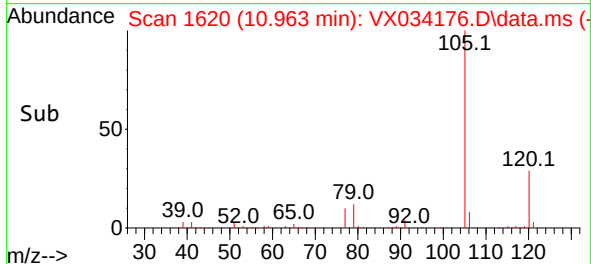
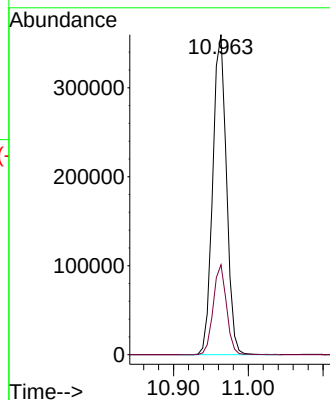
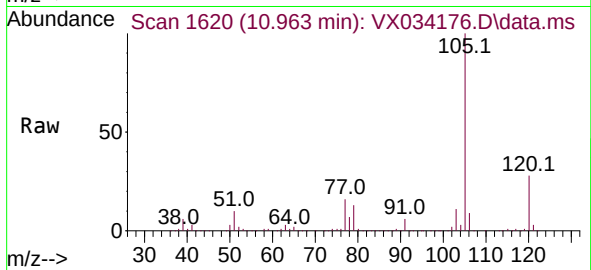
120 27.1 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#74

N-ethyl acetate

Concen: 19.088 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

Tgt Ion: 43 Resp: 222914

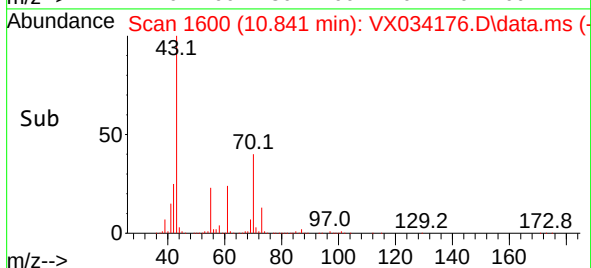
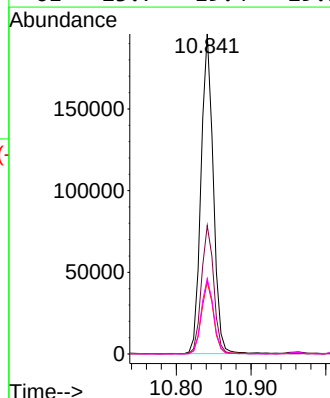
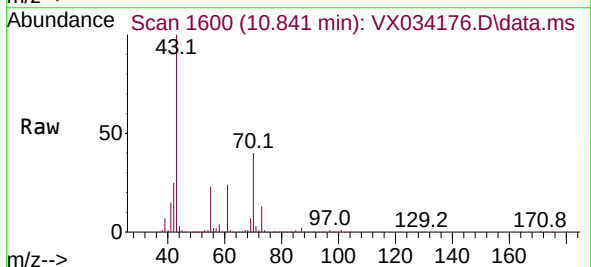
Ion Ratio Lower Upper

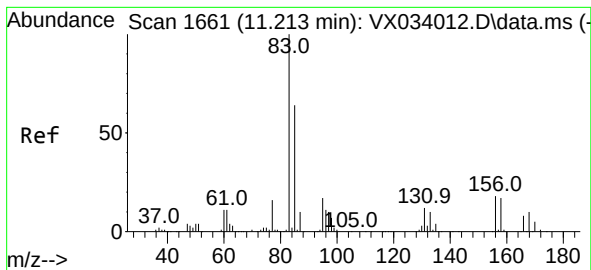
43 100

70 40.4 34.8 52.2

55 22.2 19.4 29.0

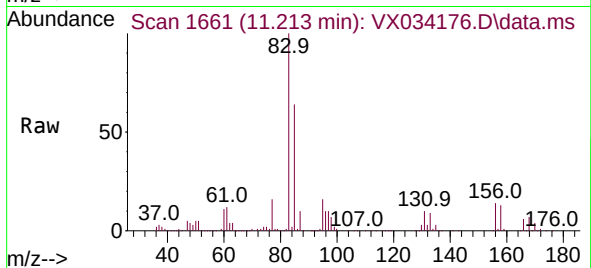
61 23.7 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.877 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

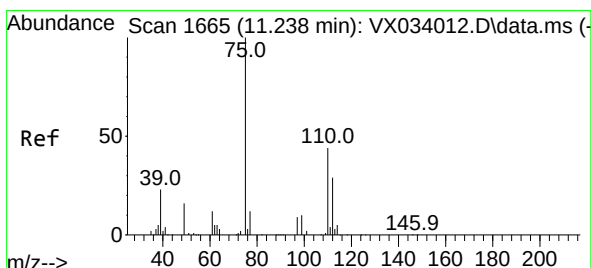
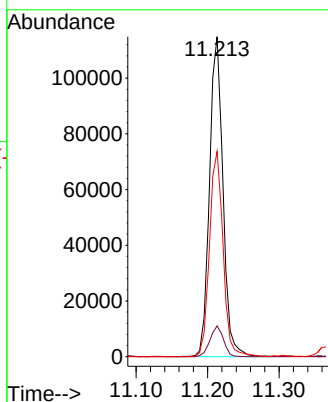
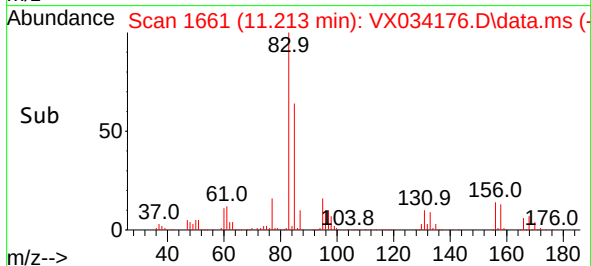
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



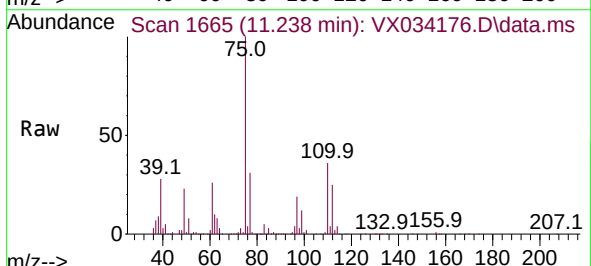
Tgt Ion: 83 Resp: 15007
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.7
85 64.7 32.3 96.9

Manual Integrations
APPROVED

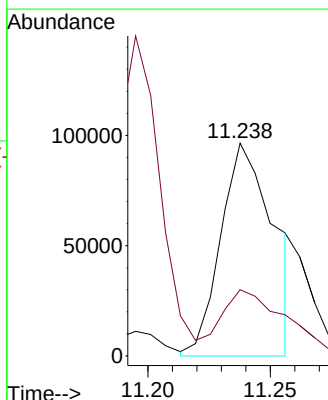
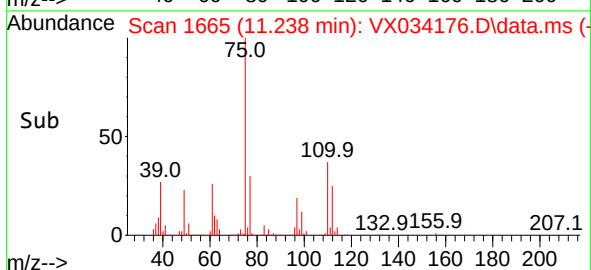
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

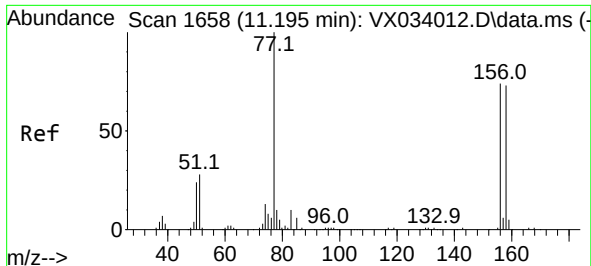


#76
1,2,3-Trichloropropane
Concen: 18.803 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38



Tgt Ion: 75 Resp: 144308
Ion Ratio Lower Upper
75 100
77 38.6 21.8 65.4





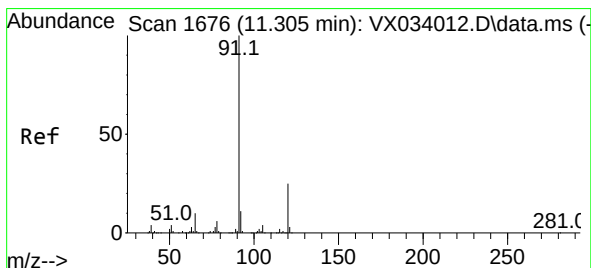
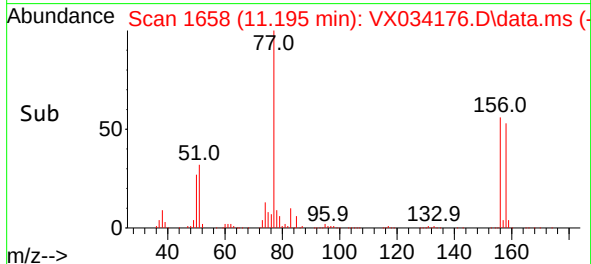
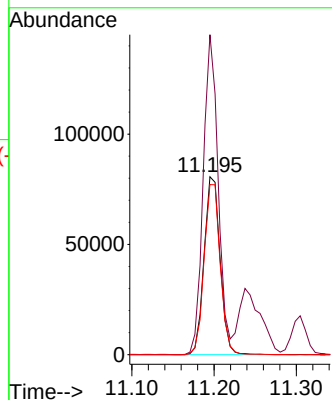
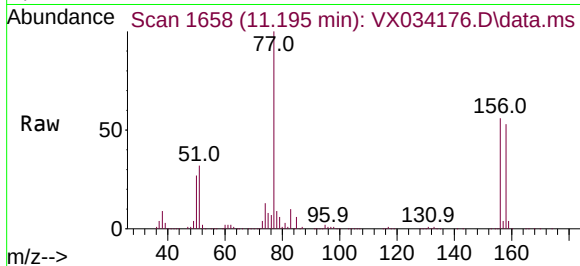
#77
Bromobenzene
Concen: 19.511 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tgt Ion:156 Resp: 109140
Ion Ratio Lower Upper
156 100
77 167.6 68.1 204.3
158 96.4 48.0 144.2

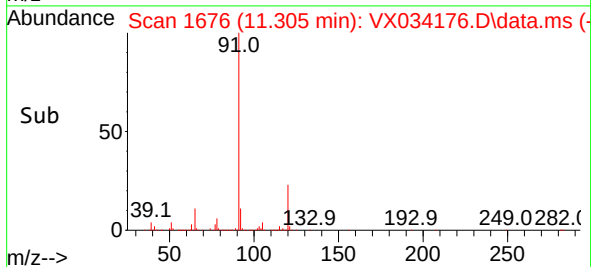
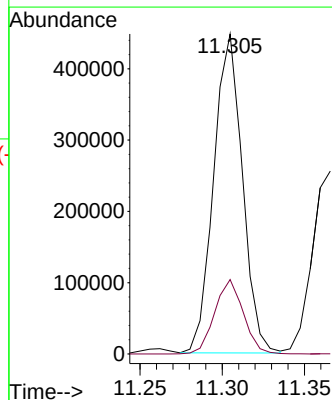
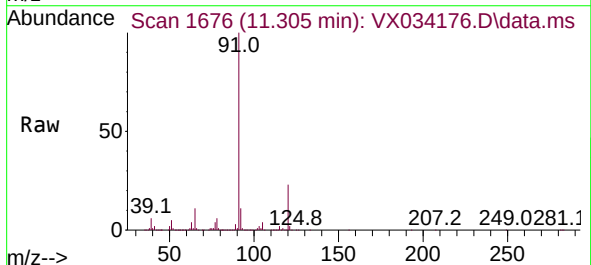
Manual Integrations
APPROVED

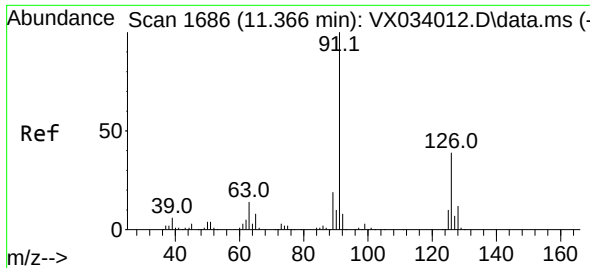
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#78
n-propylbenzene
Concen: 20.124 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Tgt Ion: 91 Resp: 544048
Ion Ratio Lower Upper
91 100
120 23.2 12.3 36.8





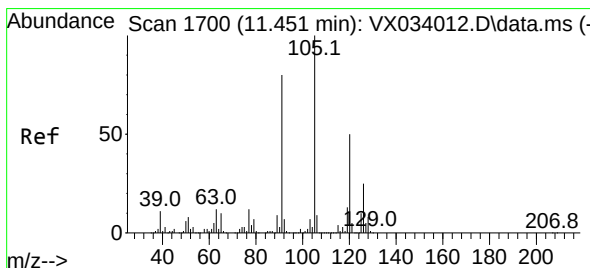
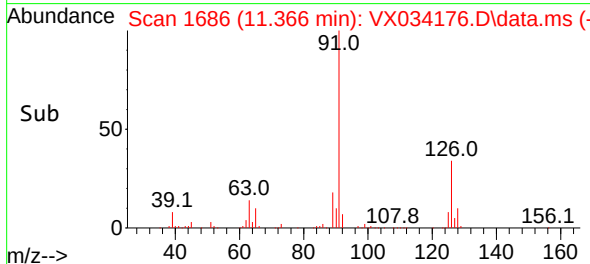
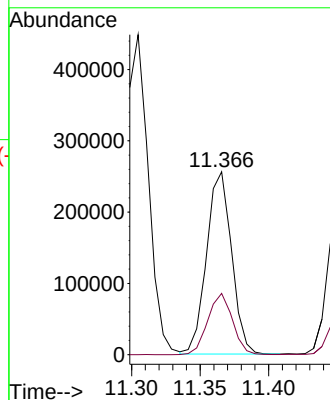
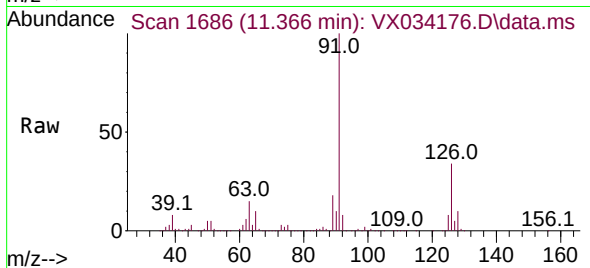
#79
2-Chlorotoluene
Concen: 19.608 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tgt Ion: 91 Resp: 32503
Ion Ratio Lower Upper
91 100
126 33.2 18.1 54.1

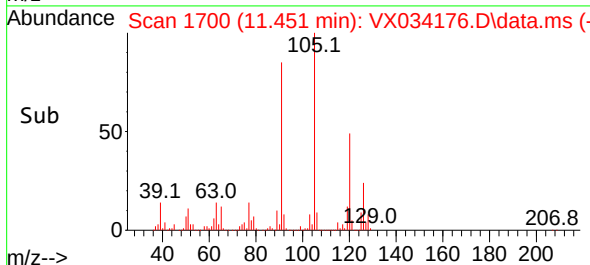
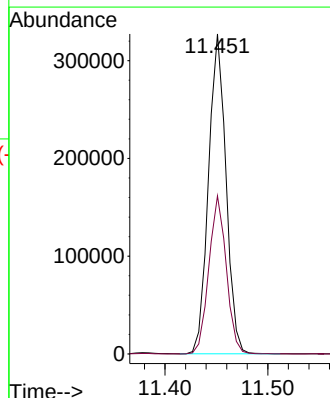
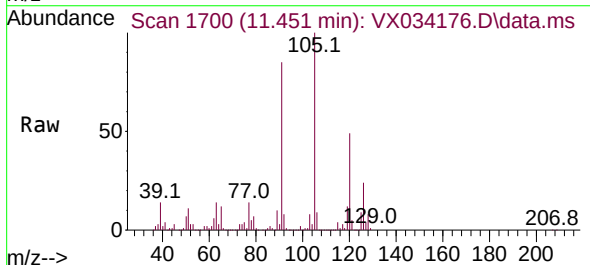
Manual Integrations
APPROVED

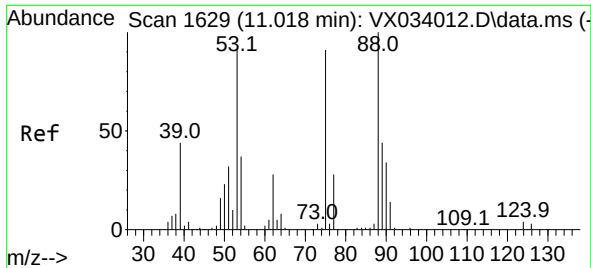
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.834 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Tgt Ion:105 Resp: 387611
Ion Ratio Lower Upper
105 100
120 49.3 25.6 76.8





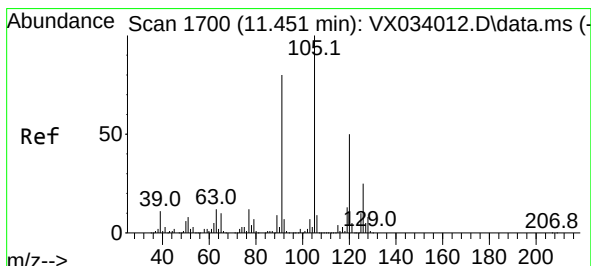
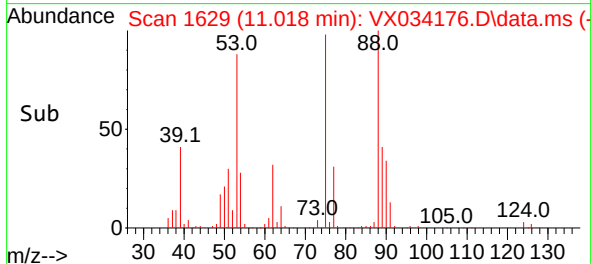
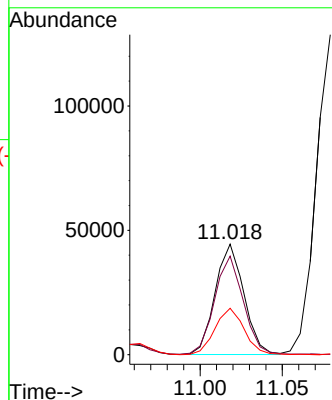
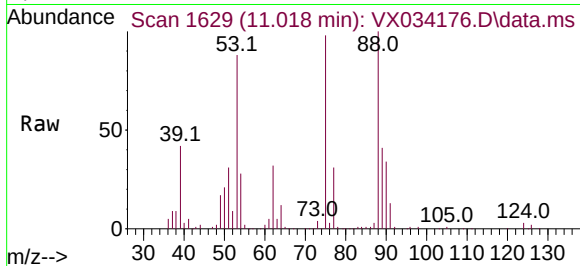
#81
trans-1,4-Dichloro-2-butene
Concen: 18.067 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tgt Ion: 75 Resp: 5397
Ion Ratio Lower Upper
75 100
53 89.2 83.0 124.6
89 42.9 37.7 56.5

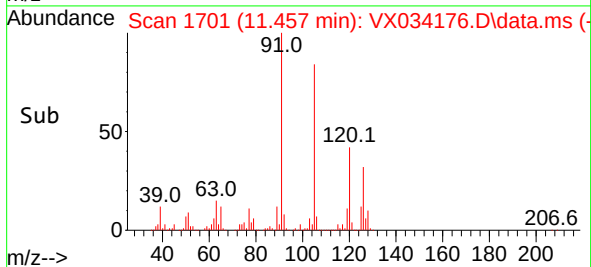
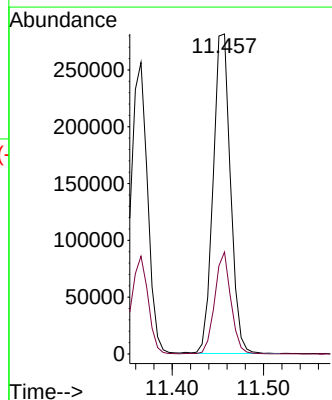
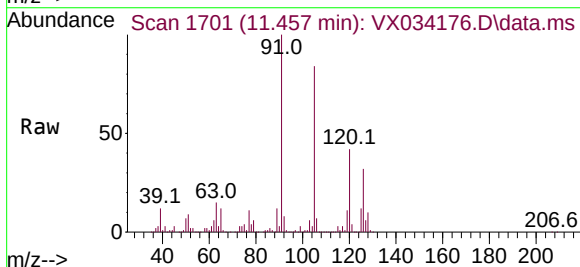
Manual Integrations
APPROVED

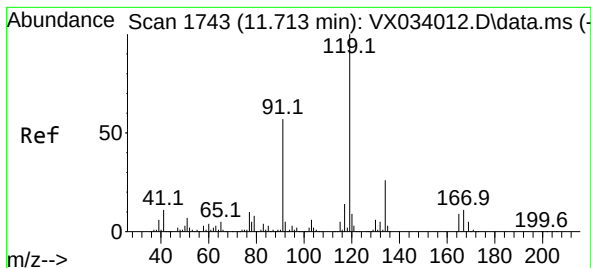
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#82
4-Chlorotoluene
Concen: 19.697 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Tgt Ion: 91 Resp: 371883
Ion Ratio Lower Upper
91 100
126 29.7 15.8 47.4





#83

tert-Butylbenzene

Concen: 19.633 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

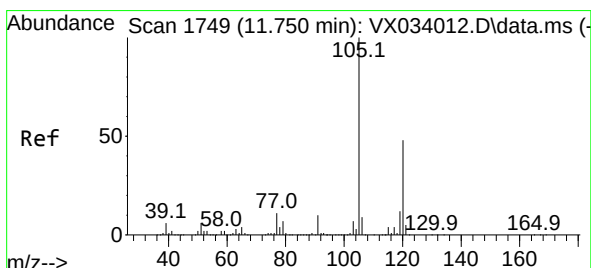
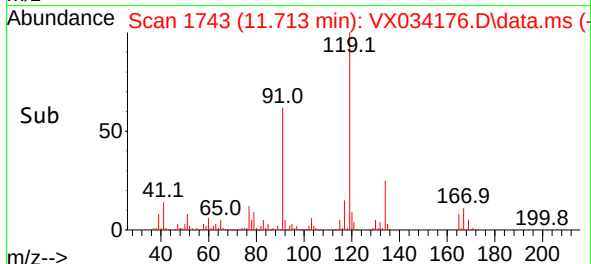
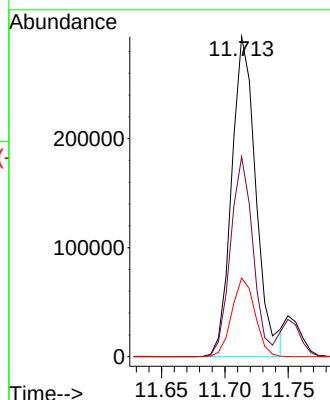
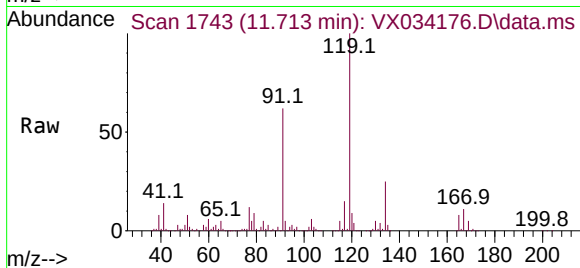
Tgt Ion:	119	Resp:	392960
Ion	Ratio	Lower	Upper
119	100		
91	57.9	26.9	80.7
134	23.4	12.3	36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.628 ug/l

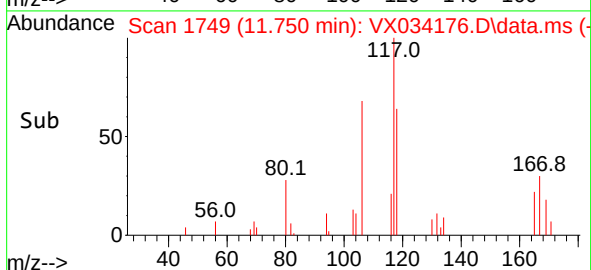
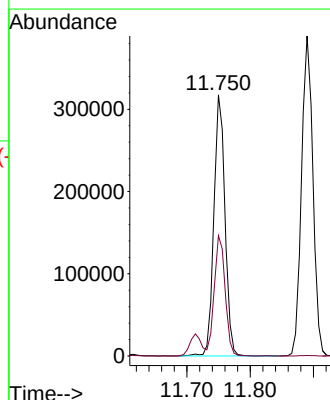
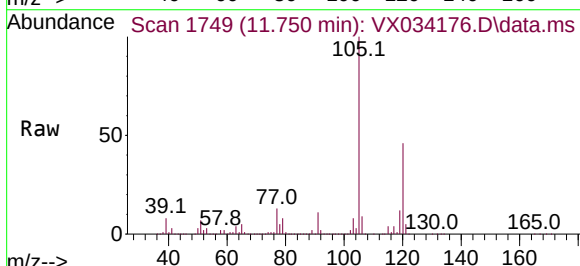
RT: 11.750 min Scan# 1749

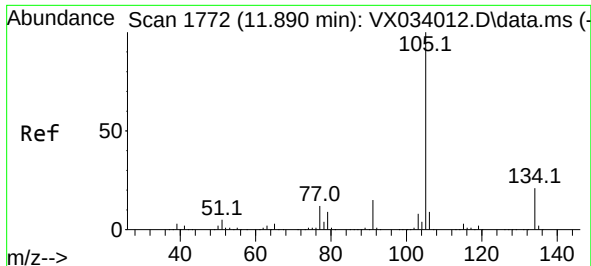
Delta R.T. 0.000 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

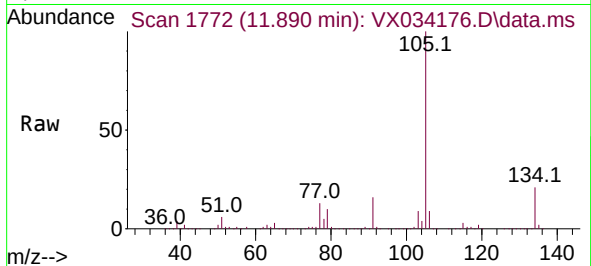
Tgt Ion:	105	Resp:	387844
Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.4	70.2





#85
 sec-Butylbenzene
 Concen: 19.864 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034176.D
 Acq: 20 Feb 2023 10:38

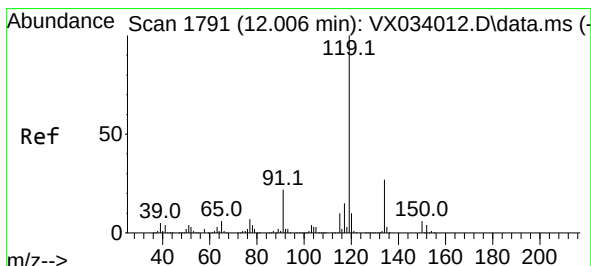
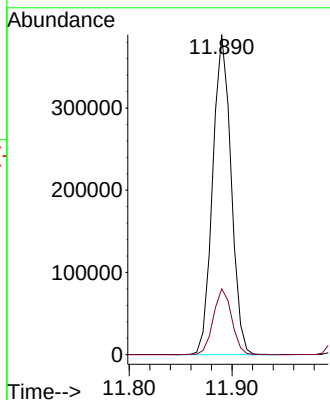
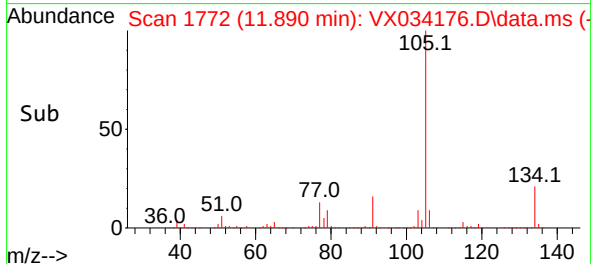
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0220WBS01



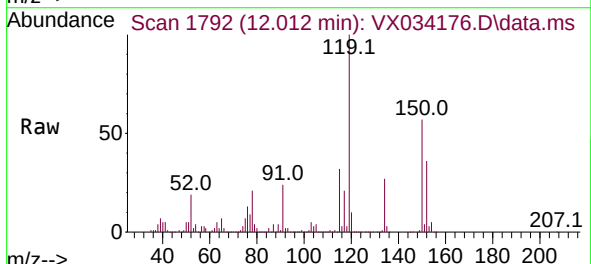
Tgt Ion:105 Resp: 48283
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.8 32.3

Manual Integrations
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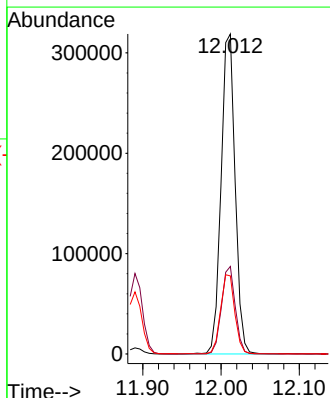
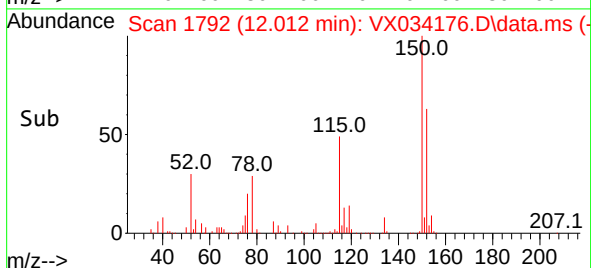
Reviewed By :John Carlone 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023

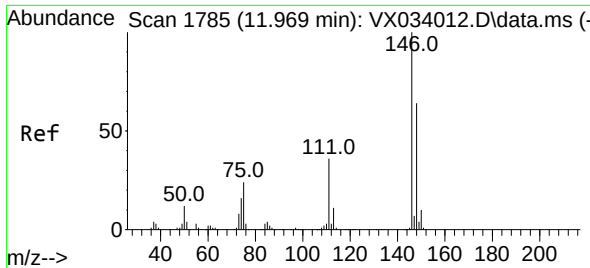


#86
 p-Isopropyltoluene
 Concen: 19.829 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX034176.D
 Acq: 20 Feb 2023 10:38



Tgt Ion:119 Resp: 398890
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.8
 91 24.9 11.0 33.0





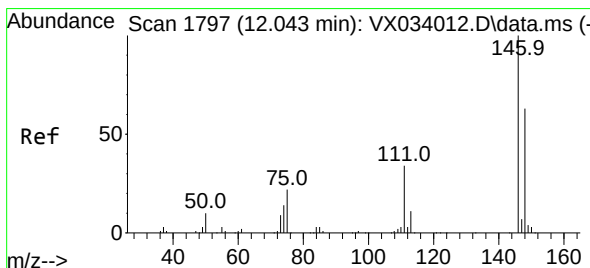
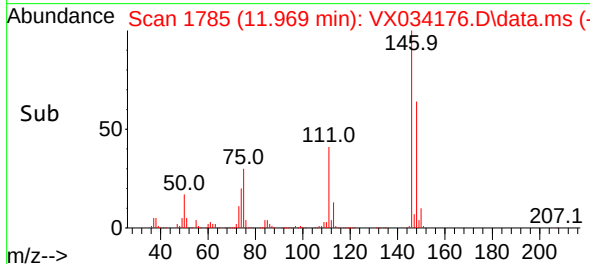
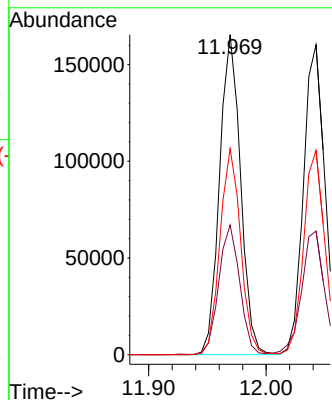
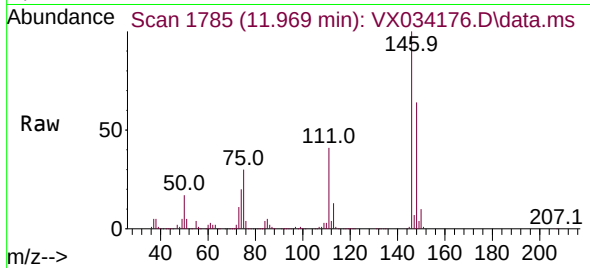
#87
1,3-Dichlorobenzene
Concen: 19.569 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01

Tgt Ion:146 Resp: 205299
Ion Ratio Lower Upper
146 100
111 40.6 18.6 55.6
148 63.6 31.9 95.5

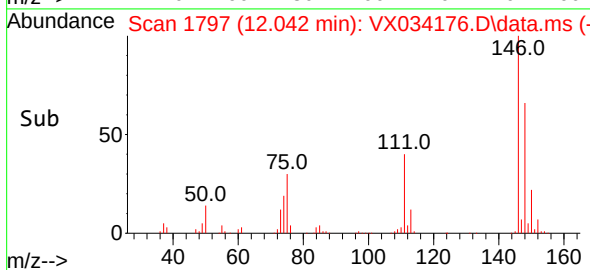
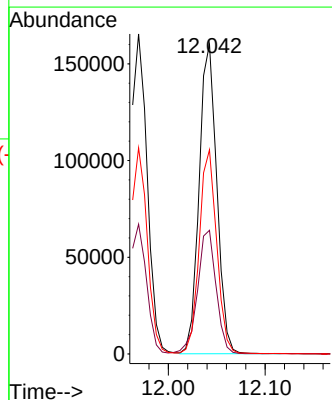
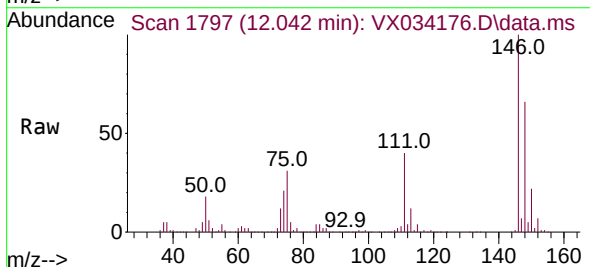
Manual Integrations
APPROVED

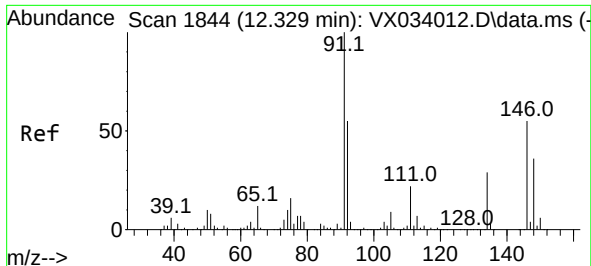
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#88
1,4-Dichlorobenzene
Concen: 19.233 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

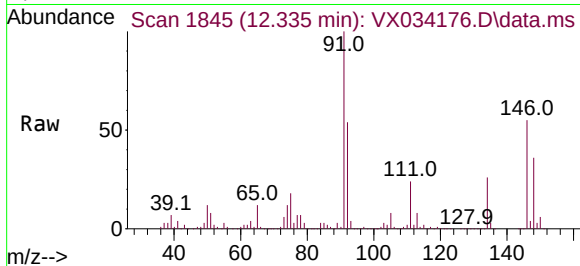
Tgt Ion:146 Resp: 203512
Ion Ratio Lower Upper
146 100
111 42.0 17.8 53.4
148 65.7 32.1 96.3





#89
n-Butylbenzene
Concen: 19.885 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

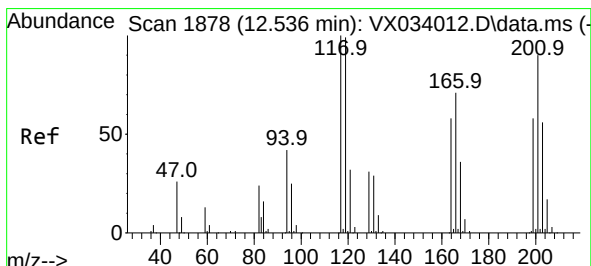
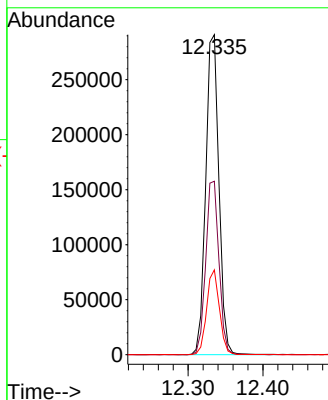
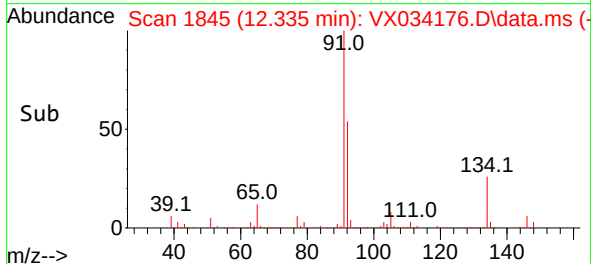
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



Tgt Ion: 91 Resp: 356279
Ion Ratio Lower Upper
91 100
92 54.6 27.5 82.5
134 25.8 14.3 42.9

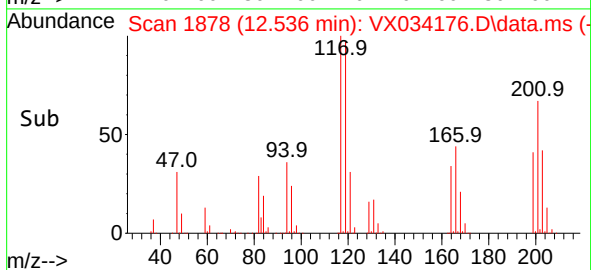
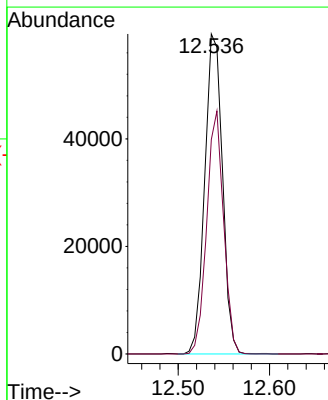
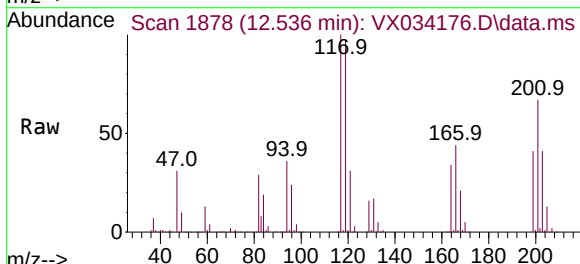
Manual Integrations
APPROVED

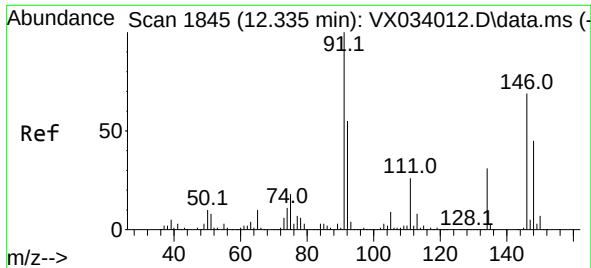
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#90
Hexachloroethane
Concen: 19.086 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

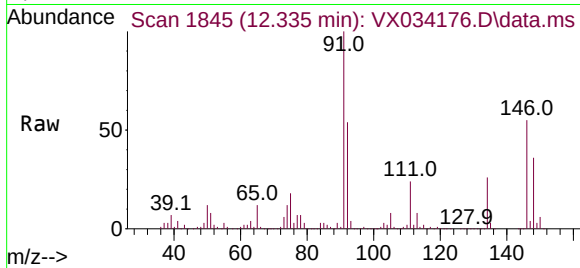
Tgt Ion:117 Resp: 80274
Ion Ratio Lower Upper
117 100
201 72.2 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 19.644 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

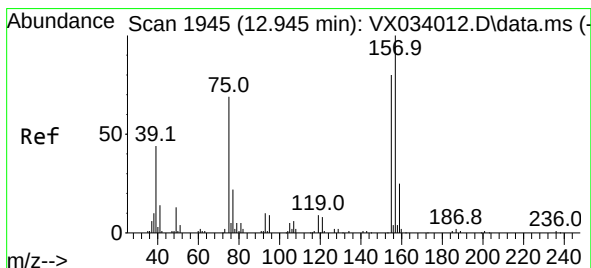
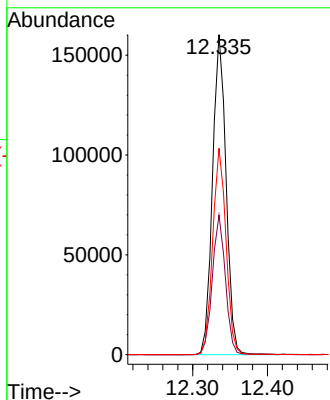
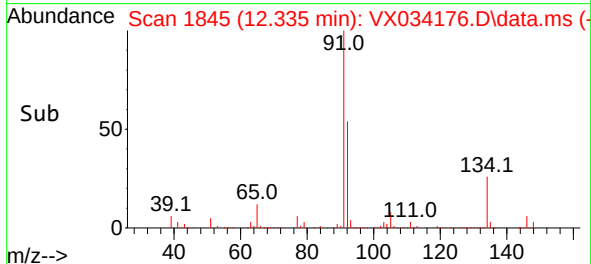
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



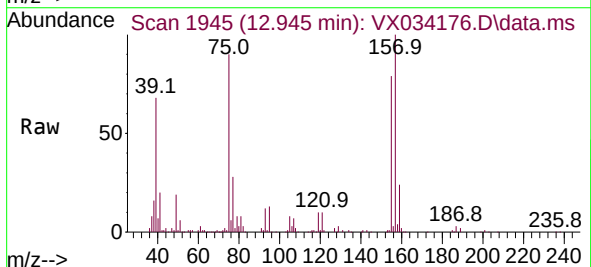
Tgt Ion:146 Resp: 201629
Ion Ratio Lower Upper
146 100
111 42.3 19.3 57.8
148 63.8 32.3 96.9

Manual Integrations
APPROVED

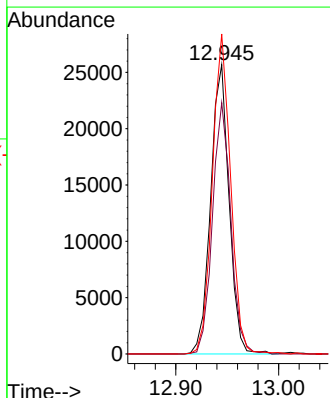
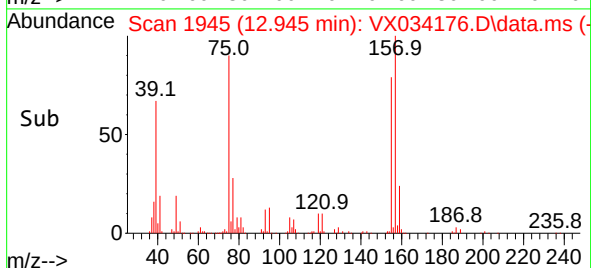
Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

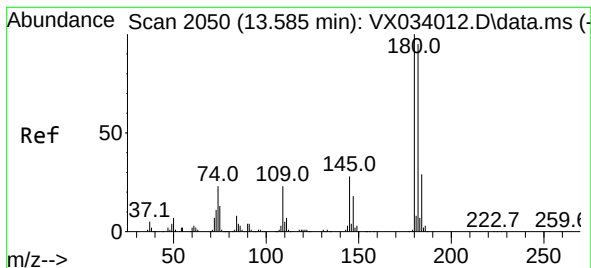


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.826 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38



Tgt Ion: 75 Resp: 31900
Ion Ratio Lower Upper
75 100
155 86.4 51.7 155.1
157 109.8 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 19.090 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

Instrument :

MSVOA_X

ClientSampleId :

VX0220WBS01

Tgt Ion:180 Resp: 125800

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.6

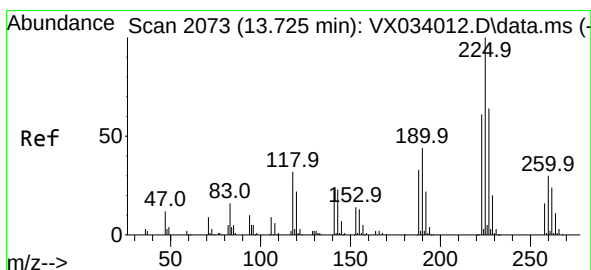
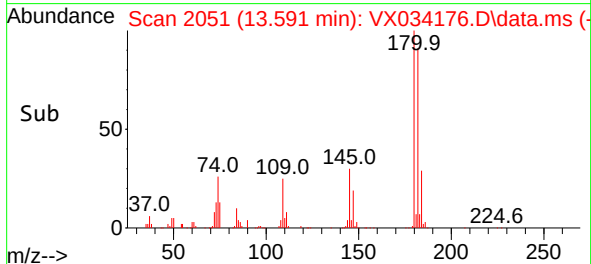
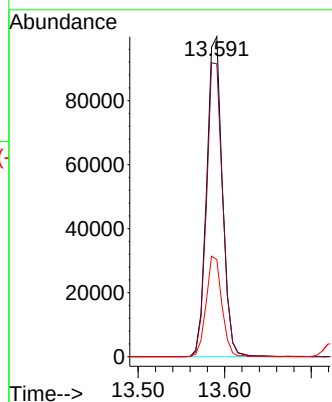
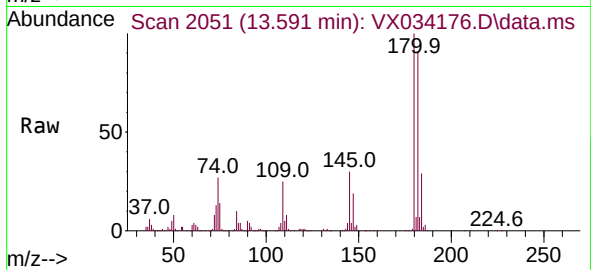
145 31.4 14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#94

Hexachlorobutadiene

Concen: 18.816 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034176.D

Acq: 20 Feb 2023 10:38

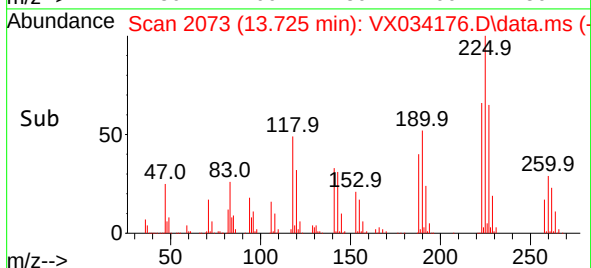
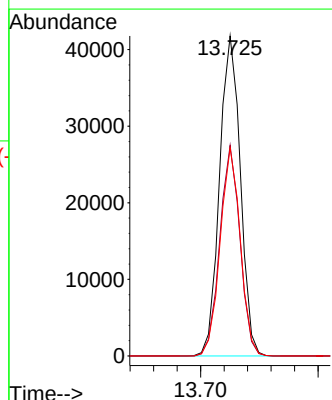
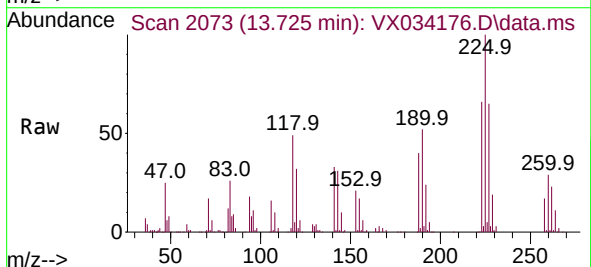
Tgt Ion:225 Resp: 51402

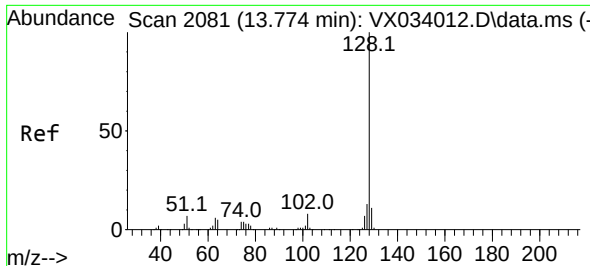
Ion Ratio Lower Upper

225 100

223 63.8 31.3 93.9

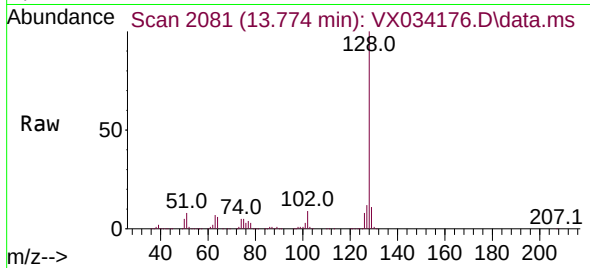
227 63.0 32.3 96.9





#95
Naphthalene
Concen: 18.876 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38

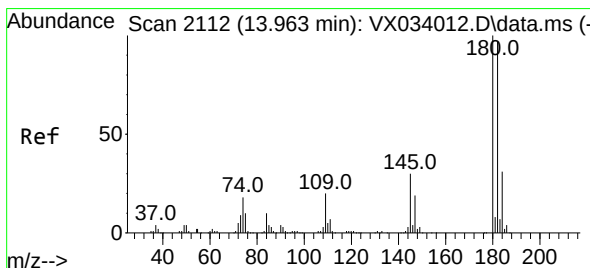
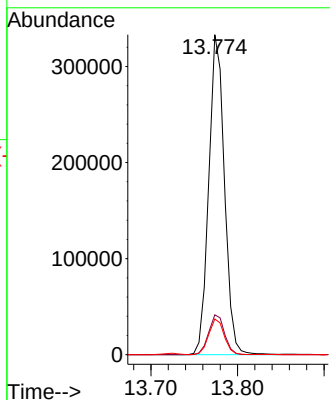
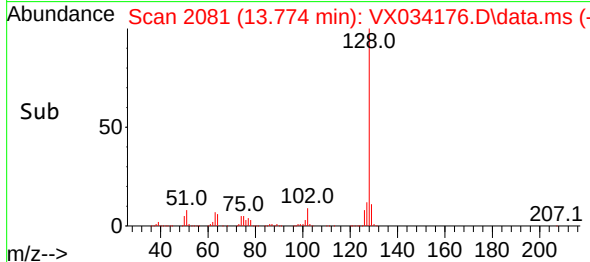
Instrument :
MSVOA_X
ClientSampleId :
VX0220WBS01



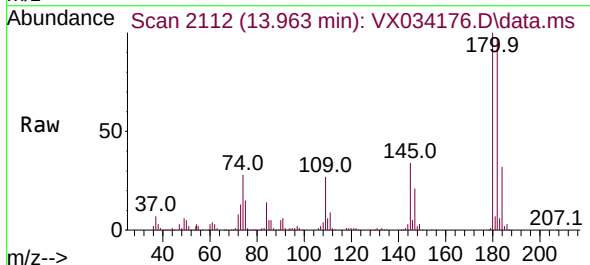
Tgt Ion:128 Resp: 41903
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.920 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034176.D
Acq: 20 Feb 2023 10:38



Tgt Ion:180 Resp: 123783
Ion Ratio Lower Upper
180 100
182 96.5 47.6 142.9
145 33.1 15.1 45.3

