

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101722\
 Data File : VX032165.D
 Acq On : 17 Oct 2022 19:46
 Operator : JC/MD
 Sample : VX1017WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

Quant Time: Oct 18 04:23:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 04:18:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	127393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215953	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103991	51.253	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.500%			
35) Dibromofluoromethane	5.391	113	75884	51.499	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.000%			
50) Toluene-d8	8.653	98	247145	47.819	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.640%			
62) 4-Bromofluorobenzene	11.079	95	109071	55.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28832	20.555	ug/l	96
3) Chloromethane	1.288	50	27359	20.201	ug/l	98
4) Vinyl Chloride	1.374	62	31298	20.739	ug/l	99
5) Bromomethane	1.611	94	23568	21.098	ug/l	94
6) Chloroethane	1.685	64	21054	18.792	ug/l	97
7) Trichlorofluoromethane	1.886	101	46811	19.880	ug/l	98
8) Diethyl Ether	2.130	74	15993	20.546	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	28326	25.453	ug/l	94
10) Methyl Iodide	2.453	142	29922	22.178	ug/l	96
11) Tert butyl alcohol	2.995	59	29220	104.708	ug/l	100
12) 1,1-Dichloroethene	2.319	96	25262	24.296	ug/l	97
13) Acrolein	2.239	56	24026	102.286	ug/l	98
14) Allyl chloride	2.660	41	42247	22.992	ug/l	95
15) Acrylonitrile	3.068	53	73985	110.441	ug/l	99
16) Acetone	2.386	43	67068	137.475	ug/l	98
17) Carbon Disulfide	2.508	76	60448	23.169	ug/l	99
18) Methyl Acetate	2.703	43	45674	22.989	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	93167	21.587	ug/l	97
20) Methylene Chloride	2.788	84	30377	20.252	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	28688	20.364	ug/l	99
22) Diisopropyl ether	3.763	45	92133	20.183	ug/l	95
23) Vinyl Acetate	3.721	43	368982	103.472	ug/l	99
24) 1,1-Dichloroethane	3.611	63	53372	20.060	ug/l	98
25) 2-Butanone	4.562	43	104975	100.707	ug/l	99
26) 2,2-Dichloropropane	4.483	77	40278	19.235	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	33321	19.665	ug/l	97
28) Bromochloromethane	4.897	49	20658	19.003	ug/l	96
29) Tetrahydrofuran	5.007	42	67808	108.476	ug/l	99
30) Chloroform	5.099	83	60282	20.703	ug/l	94
31) Cyclohexane	5.470	56	46106	20.390	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	53279	21.226	ug/l	98
36) 1,1-Dichloropropene	5.696	75	43405	20.361	ug/l	99
37) Ethyl Acetate	4.721	43	42829	20.020	ug/l	99
38) Carbon Tetrachloride	5.678	117	46625	20.652	ug/l	96
39) Methylcyclohexane	7.385	83	50269	19.648	ug/l	97
40) Benzene	6.044	78	120573	20.221	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22740	20.615	ug/l	97
42) 1,2-Dichloroethane	6.086	62	51776	20.731	ug/l	98
43) Isopropyl Acetate	6.342	43	67809	21.034	ug/l	99
44) Trichloroethene	7.129	130	33376	19.865	ug/l	93
45) 1,2-Dichloropropane	7.434	63	29322	19.738	ug/l	100
46) Dibromomethane	7.580	93	23638	20.713	ug/l	97
47) Bromodichloromethane	7.818	83	34816	16.377	ug/l	95
48) Methyl methacrylate	7.696	41	33829	20.706	ug/l	96
49) 1,4-Dioxane	7.690	88	14255	425.536	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	175217	88.635	ug/l	98
52) Toluene	8.720	92	74628	19.643	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	39788	20.982	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	37260	16.732	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	32774	22.725	ug/l	97
56) Ethyl methacrylate	9.116	69	47011	22.824	ug/l	98
57) 1,3-Dichloropropane	9.311	76	53809	21.280	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	83797	82.119	ug/l	95
59) 2-Hexanone	9.433	43	165259	112.842	ug/l	100
60) Dibromochloromethane	9.525	129	32093	21.510	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34414	22.095	ug/l	99
64) Tetrachloroethene	9.275	164	32266	19.754	ug/l	96
65) Chlorobenzene	10.079	112	86499	20.030	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	31300	20.916	ug/l	100
67) Ethyl Benzene	10.195	91	156077	20.564	ug/l	97
68) m/p-Xylenes	10.305	106	119638	41.107	ug/l	94
69) o-Xylene	10.640	106	58193	20.320	ug/l	95
70) Styrene	10.659	104	96474	20.846	ug/l	98
71) Bromoform	10.799	173	20752	19.715	ug/l #	99
73) Isopropylbenzene	10.963	105	157832	21.122	ug/l	97
74) N-amyl acetate	10.841	43	56702	21.675	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	48191	20.117	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	45278m	21.130	ug/l	
77) Bromobenzene	11.201	156	36294	19.953	ug/l	95
78) n-propylbenzene	11.305	91	183884	20.536	ug/l	98
79) 2-Chlorotoluene	11.366	91	110206	19.924	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	135516	20.547	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	11069	19.886	ug/l #	79
82) 4-Chlorotoluene	11.457	91	129911	20.155	ug/l	97
83) tert-Butylbenzene	11.713	119	131288	20.235	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	135490	20.415	ug/l	98
85) sec-Butylbenzene	11.890	105	165017	20.322	ug/l	98
86) p-Isopropyltoluene	12.012	119	138508	20.491	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	69039	19.639	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	71147	19.818	ug/l	97
89) n-Butylbenzene	12.335	91	120372	21.599	ug/l	98
90) Hexachloroethane	12.542	117	20578	21.938	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	70732	21.056	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10541	20.227	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	33591	18.004	ug/l	97
94) Hexachlorobutadiene	13.725	225	14207	18.169	ug/l	97
95) Naphthalene	13.774	128	120190	19.277	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	32998	17.667	ug/l	99

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Instrument :
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

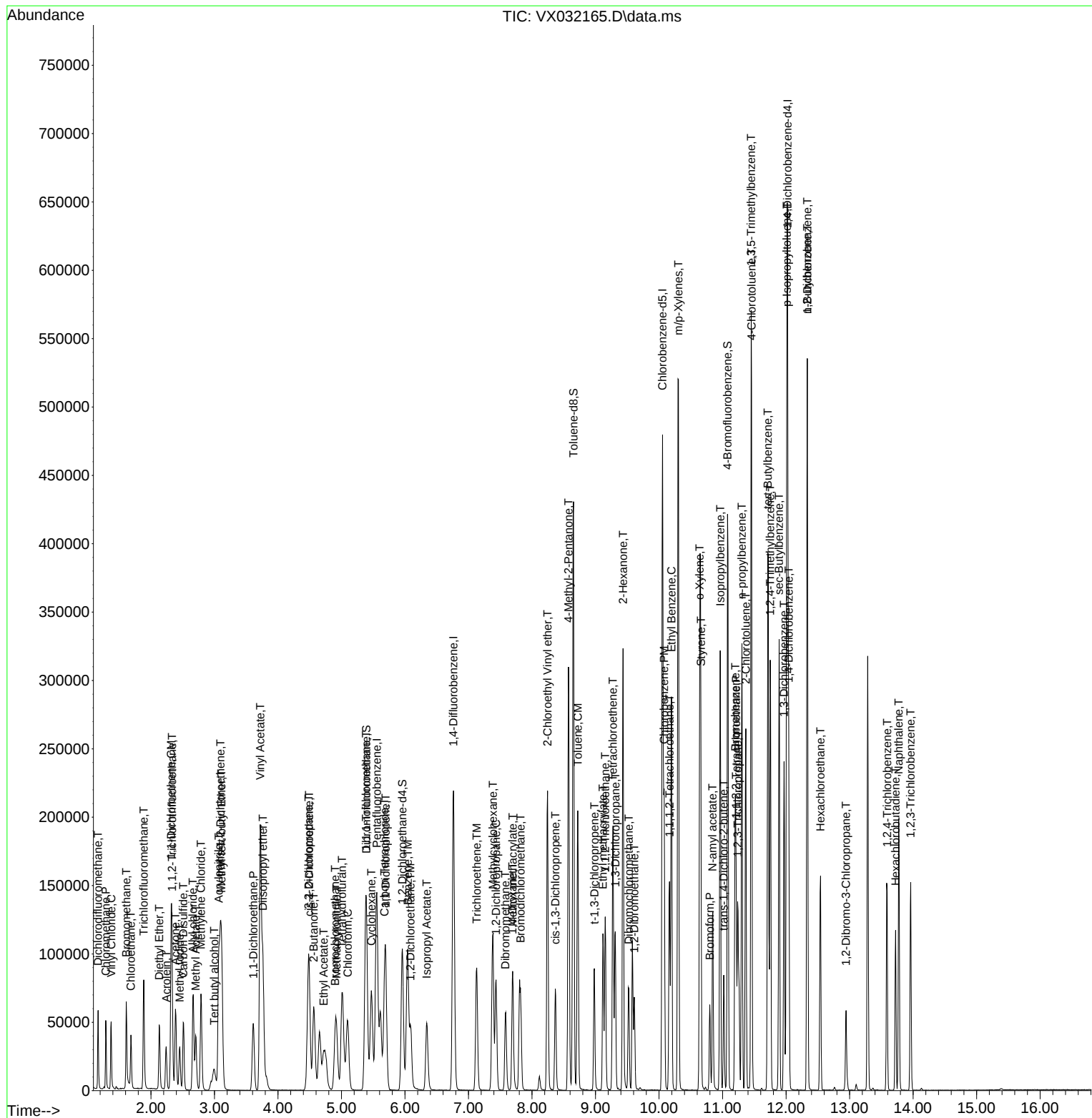
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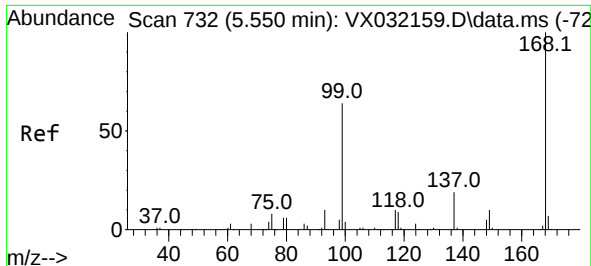
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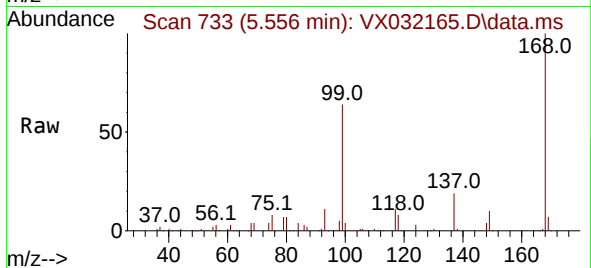
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX032165.D
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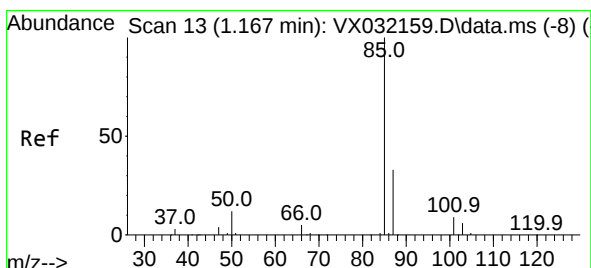
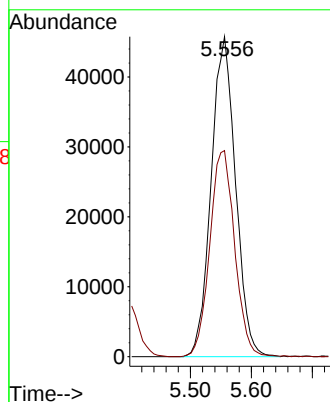
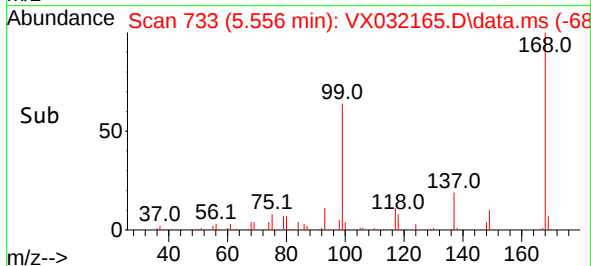
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion:168 Resp: 12739
Ion Ratio Lower Upper
168 100
99 64.4 48.8 73.2

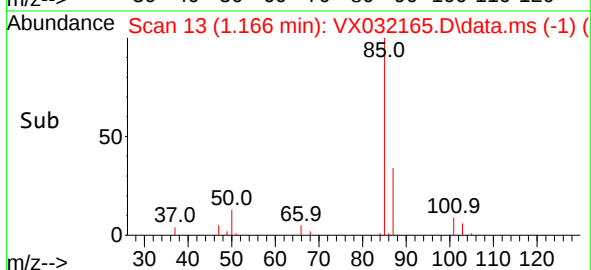
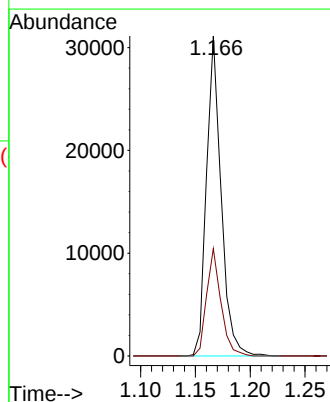
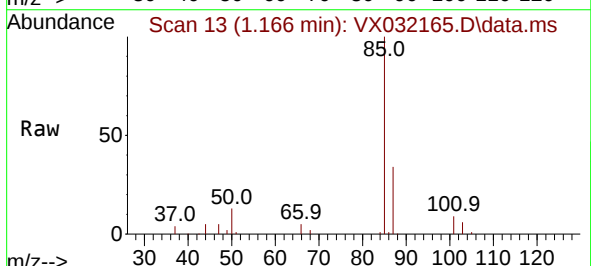
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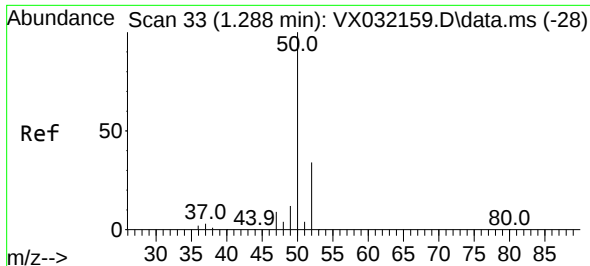
Reviewed By :John Carlone 10/18/2022
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#2
Dichlorodifluoromethane
Concen: 20.555 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Tgt Ion: 85 Resp: 28832
Ion Ratio Lower Upper
85 100
87 33.5 15.8 47.4





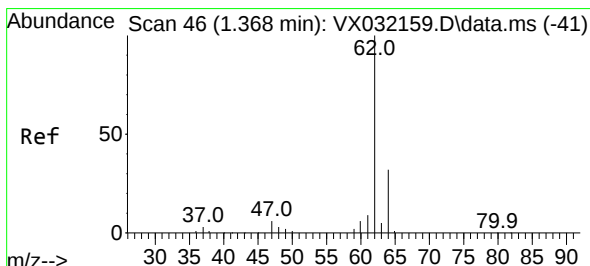
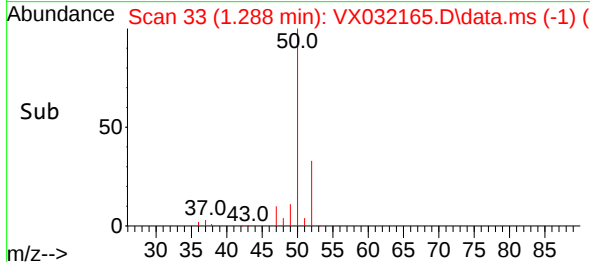
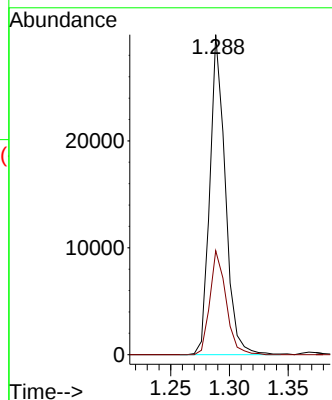
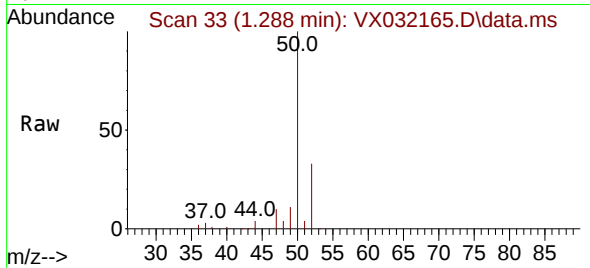
#3
Chloromethane
Concen: 20.201 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
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Tgt Ion: 50 Resp: 2735
Ion Ratio Lower Upper
50 100
52 32.5 26.9 40.3

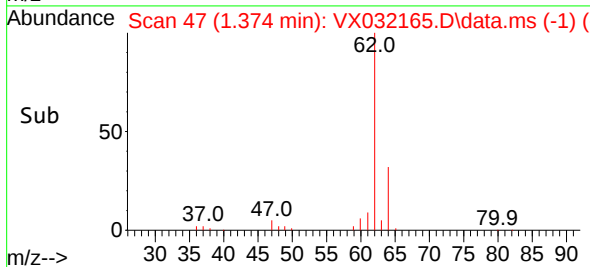
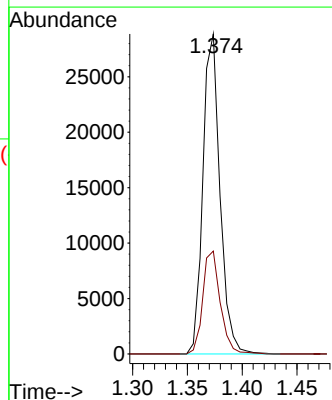
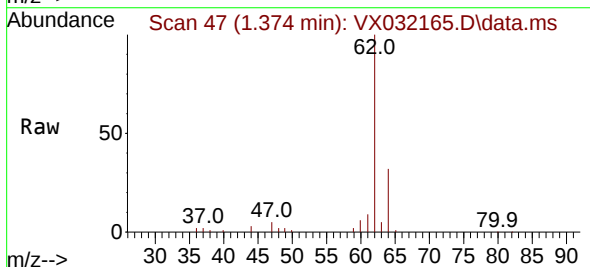
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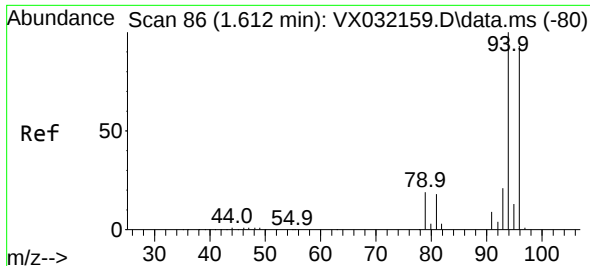
Reviewed By :John Carlone 10/18/2022
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#4
Vinyl Chloride
Concen: 20.739 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

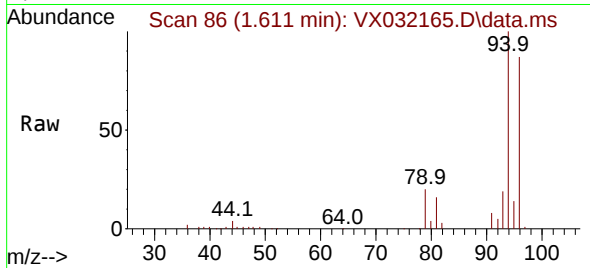
Tgt Ion: 62 Resp: 31298
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





#5
Bromomethane
Concen: 21.098 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.001 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

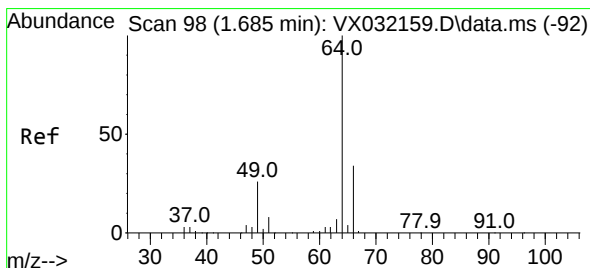
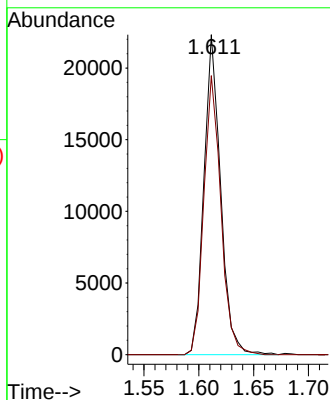
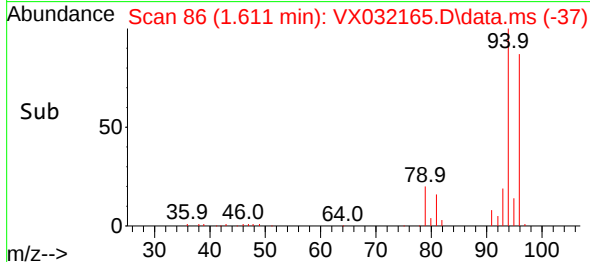
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Tgt Ion: 94 Resp: 2356
Ion Ratio Lower Upper
94 100
96 87.2 74.4 111.6

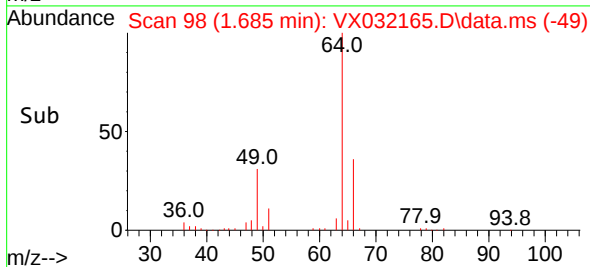
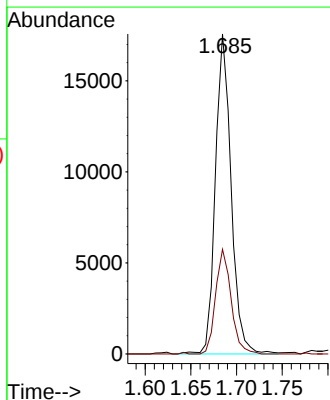
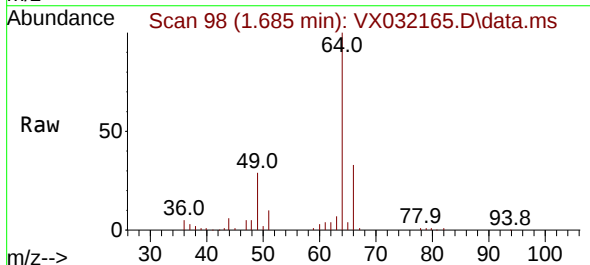
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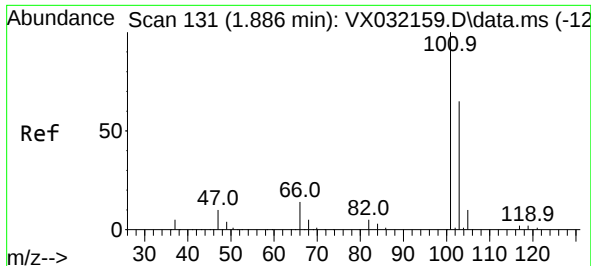
Reviewed By :John Carlone 10/18/2022
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#6
Chloroethane
Concen: 18.792 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

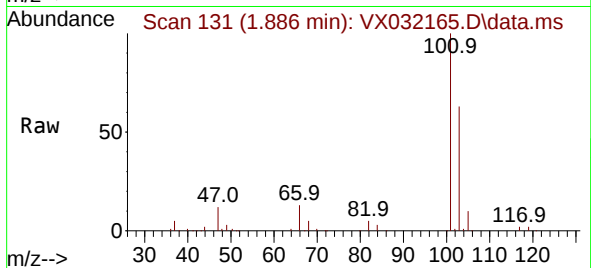
Tgt Ion: 64 Resp: 21054
Ion Ratio Lower Upper
64 100
66 32.7 25.0 37.4





#7
Trichlorofluoromethane
Concen: 19.880 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

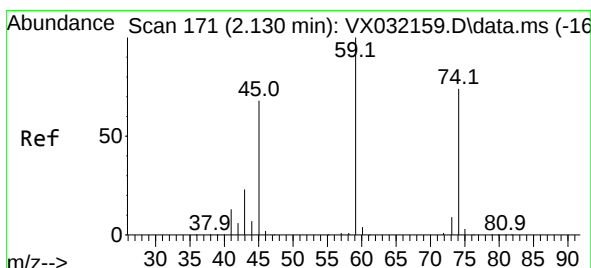
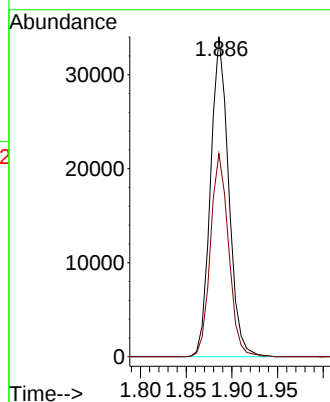
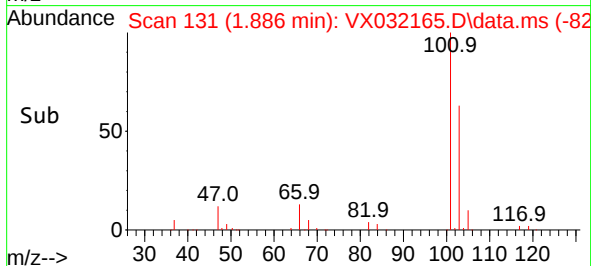
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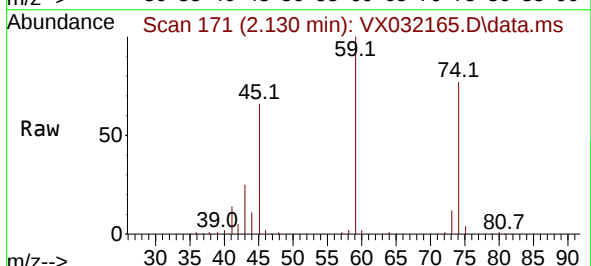
Tgt Ion:101 Resp: 4681
Ion Ratio Lower Upper
101 100
103 63.4 51.8 77.6

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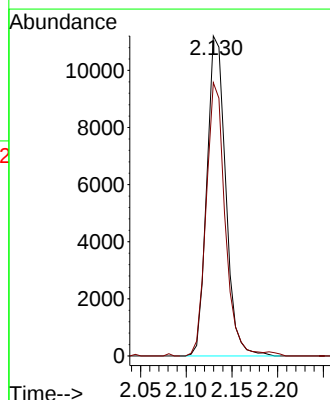
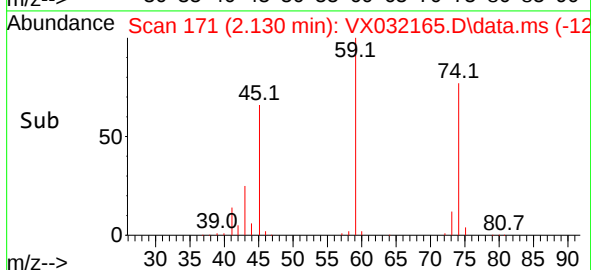
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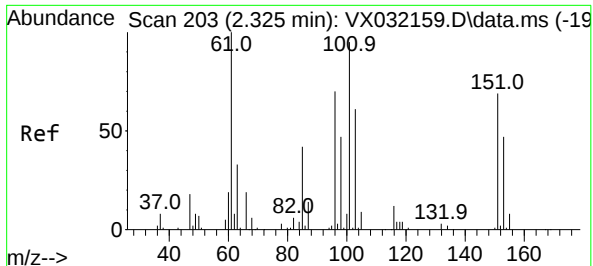


#8
Diethyl Ether
Concen: 20.546 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46



Tgt Ion: 74 Resp: 15993
Ion Ratio Lower Upper
74 100
45 86.8 48.5 145.6





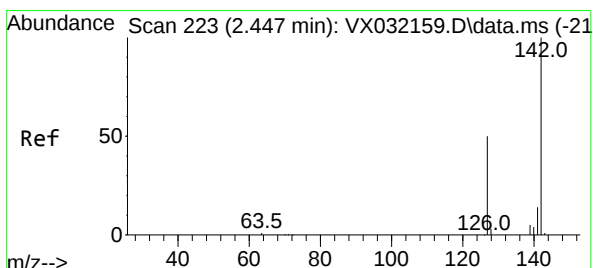
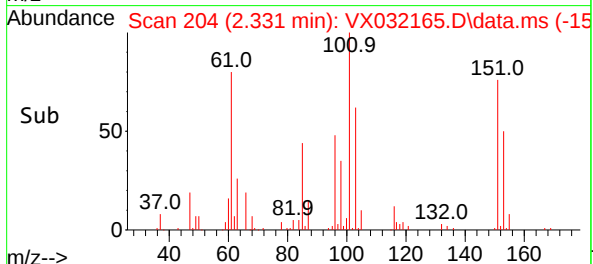
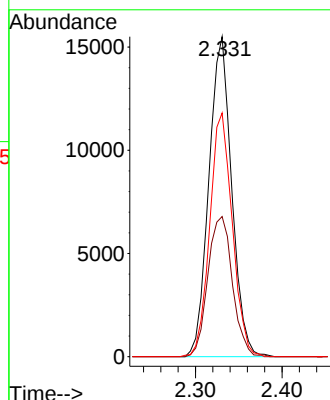
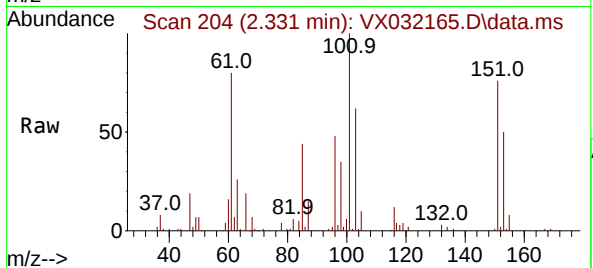
#9
1,1,2-Trichlorotrifluoroethane
Concen: 25.453 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion:101 Resp: 28320
Ion Ratio Lower Upper
101 100
85 47.2 38.6 57.8
151 75.3 54.0 81.0

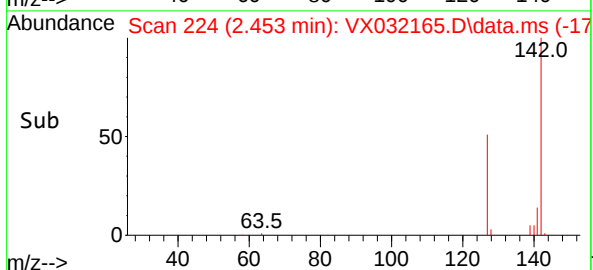
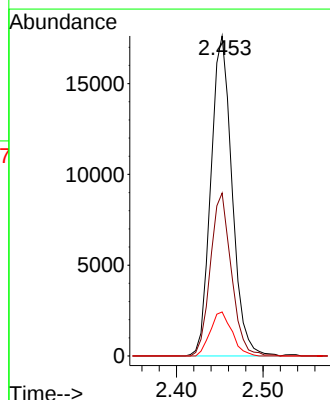
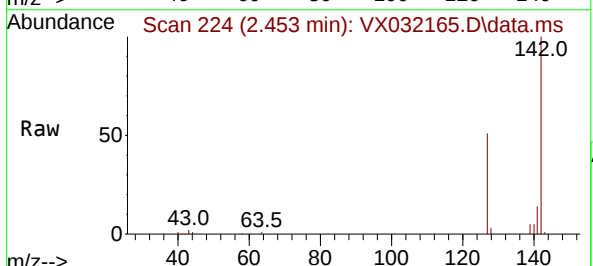
Manual Integrations
APPROVED

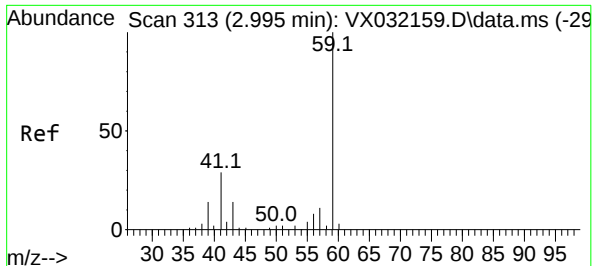
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#10
Methyl Iodide
Concen: 22.178 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

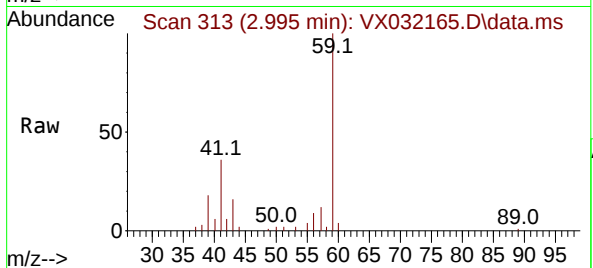
Tgt Ion:142 Resp: 29922
Ion Ratio Lower Upper
142 100
127 50.3 37.4 56.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 104.708 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

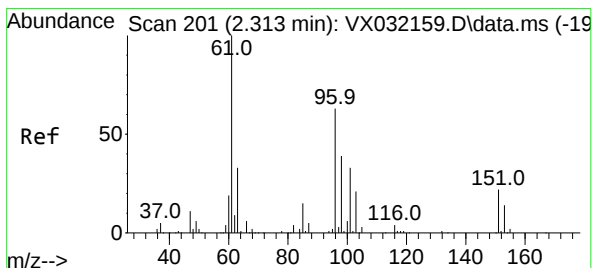
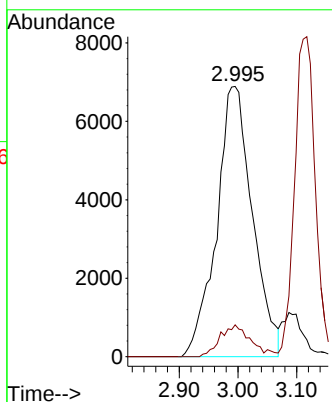
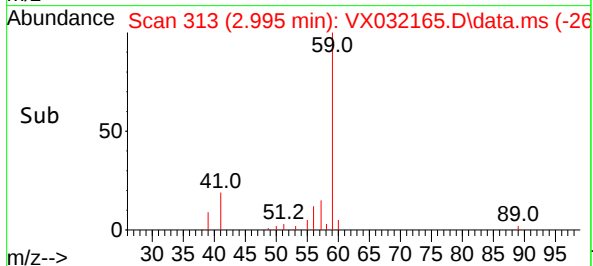
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 59 Resp: 29220
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

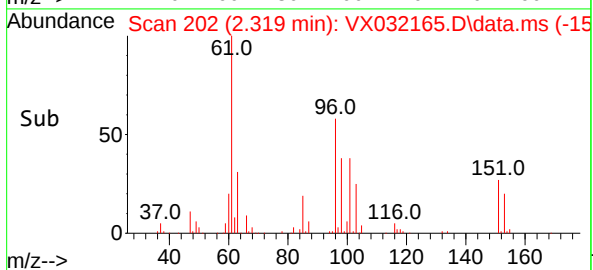
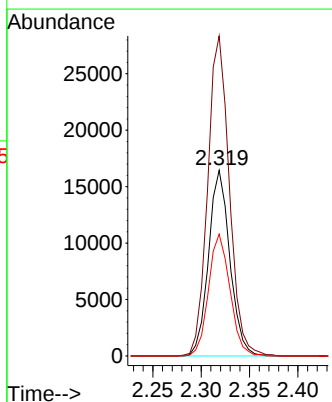
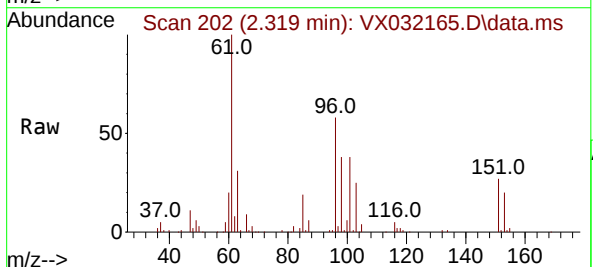
Manual Integrations
APPROVED

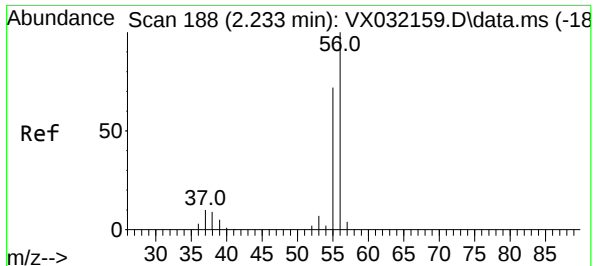
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#12
1,1-Dichloroethene
Concen: 24.296 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

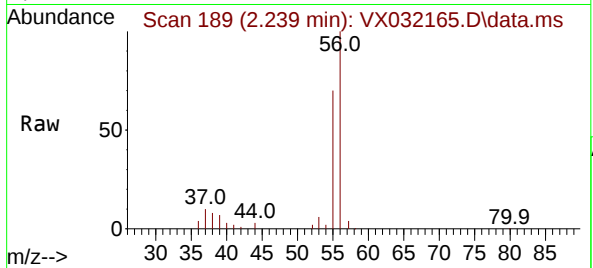
Tgt Ion: 96 Resp: 25262
Ion Ratio Lower Upper
96 100
61 172.4 135.3 202.9
98 65.6 49.4 74.2





#13
Acrolein
Concen: 102.286 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

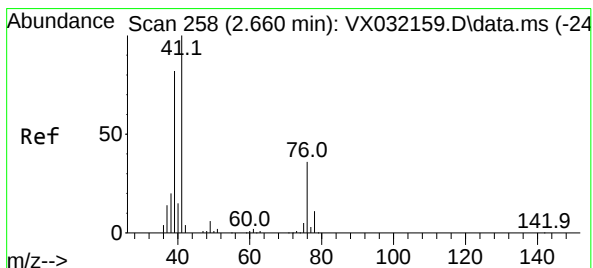
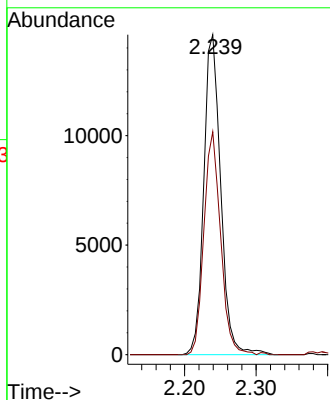
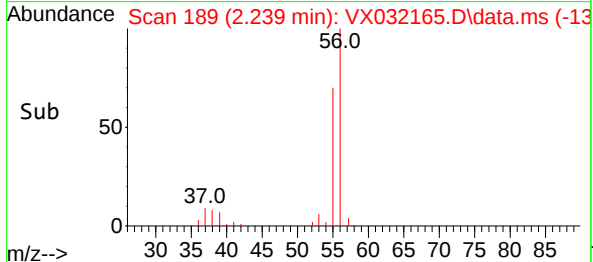
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 56 Resp: 24020
Ion Ratio Lower Upper
56 100
55 68.7 56.0 84.0

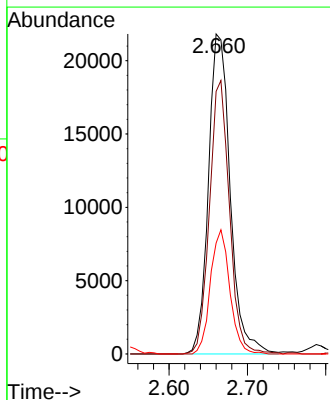
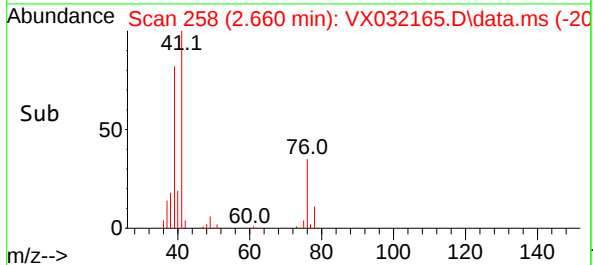
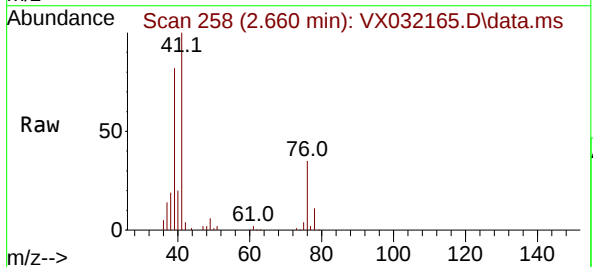
Manual Integrations
APPROVED

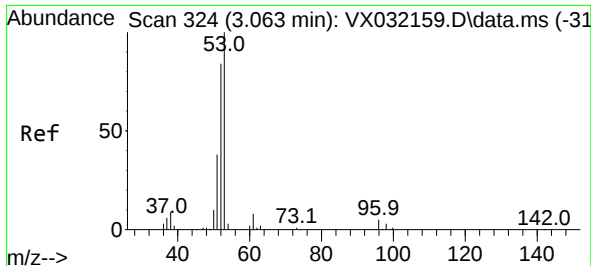
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#14
Allyl chloride
Concen: 22.992 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Tgt Ion: 41 Resp: 42247
Ion Ratio Lower Upper
41 100
39 78.1 58.2 87.4
76 34.5 26.9 40.3





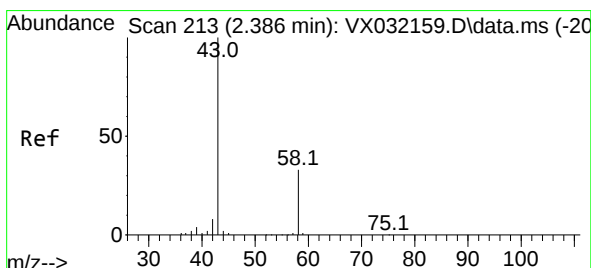
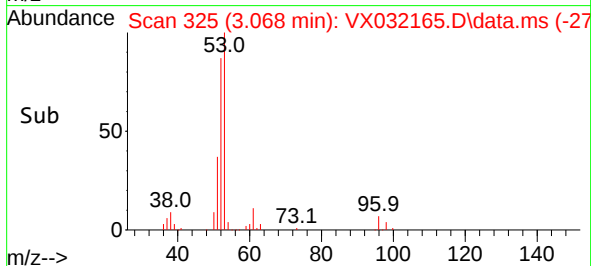
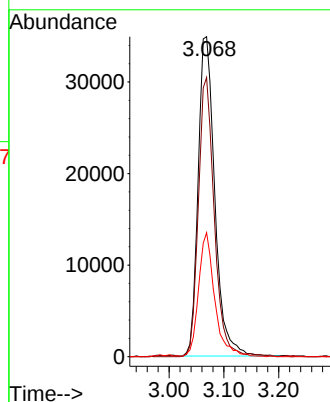
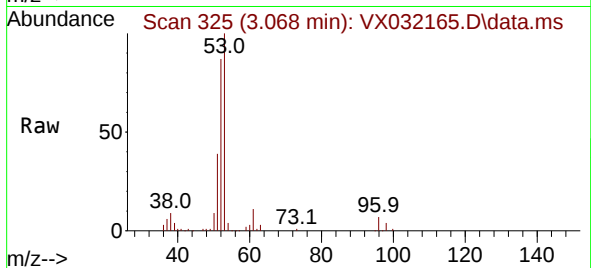
#15
Acrylonitrile
Concen: 110.441 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.005 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 53 Resp: 7398
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 37.6 30.0 45.0

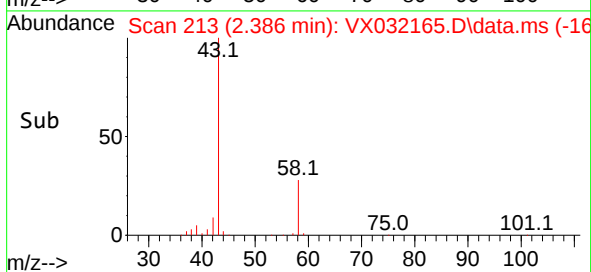
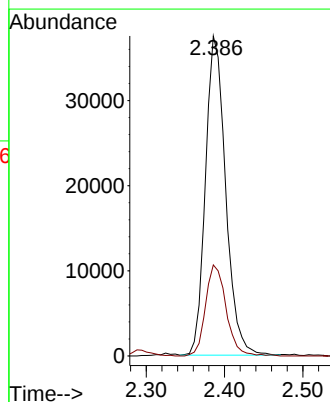
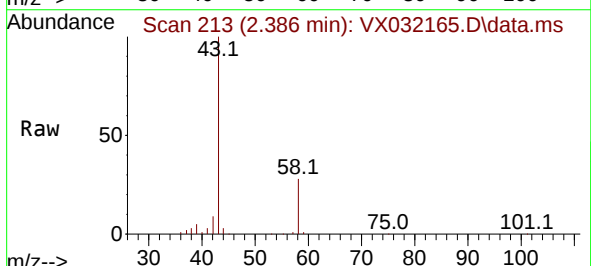
Manual Integrations
APPROVED

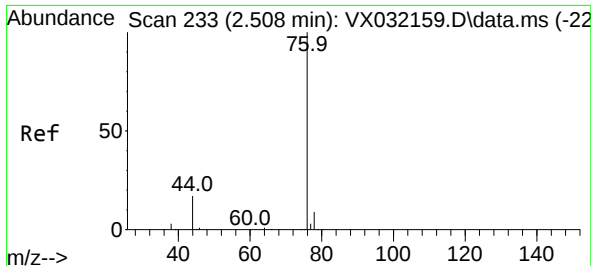
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#16
Acetone
Concen: 137.475 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

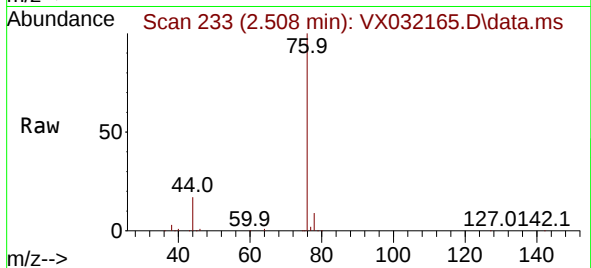
Tgt Ion: 43 Resp: 67068
Ion Ratio Lower Upper
43 100
58 28.5 23.8 35.8





#17
Carbon Disulfide
Concen: 23.169 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

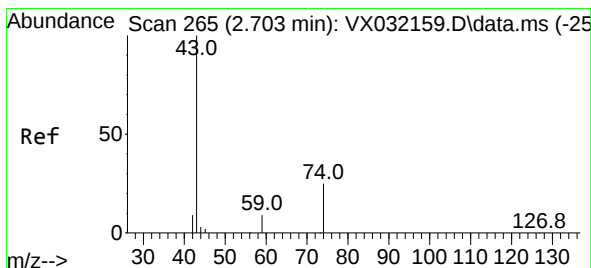
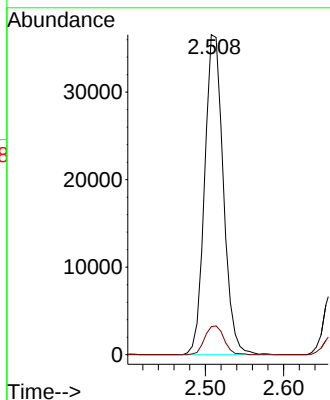
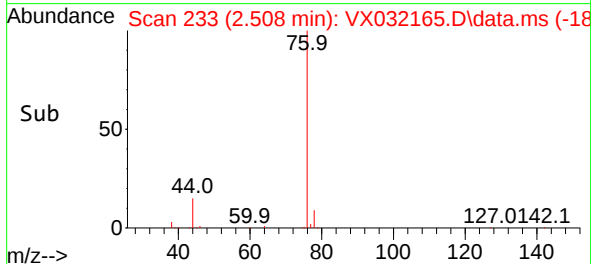
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 76 Resp: 60448
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

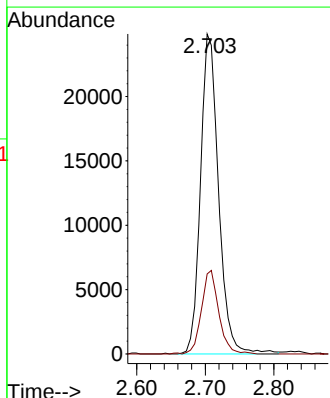
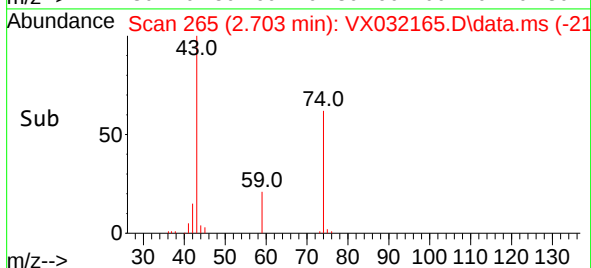
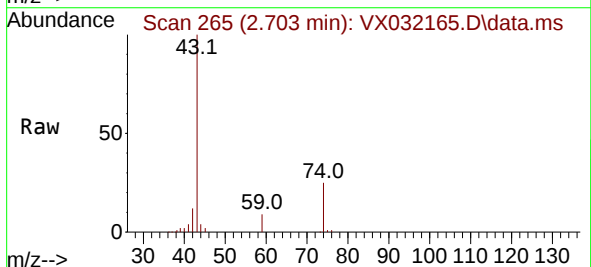
Manual Integrations
APPROVED

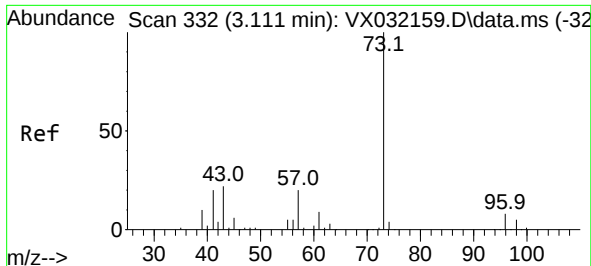
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#18
Methyl Acetate
Concen: 22.989 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Tgt Ion: 43 Resp: 45674
Ion Ratio Lower Upper
43 100
74 25.1 18.6 27.8





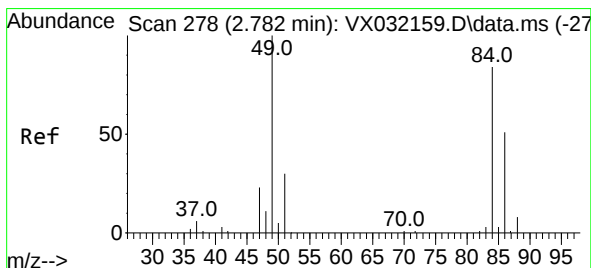
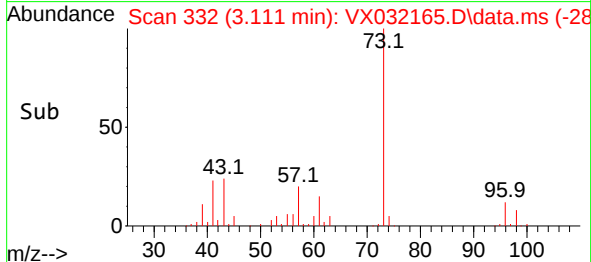
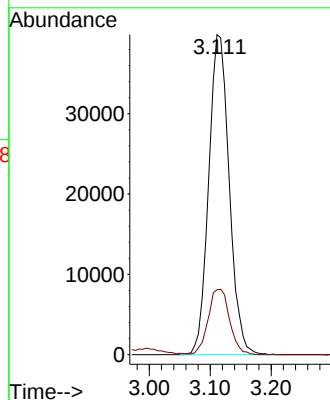
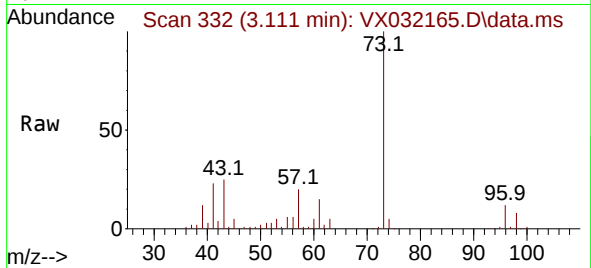
#19
Methyl tert-butyl Ether
Concen: 21.587 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 73 Resp: 9316
Ion Ratio Lower Upper
73 100
57 20.3 17.2 25.8

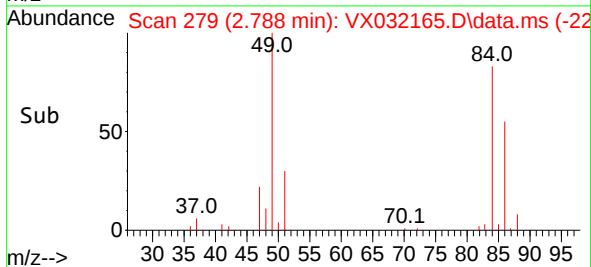
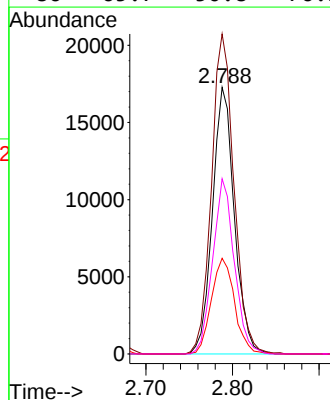
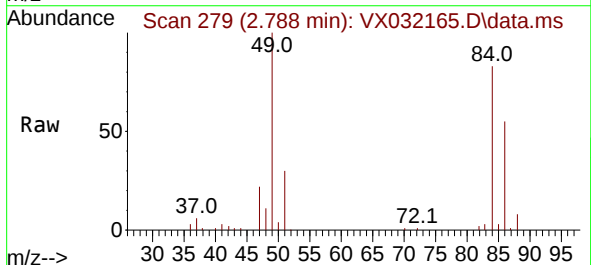
Manual Integrations
APPROVED

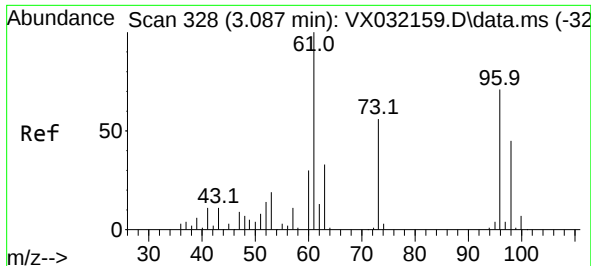
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#20
Methylene Chloride
Concen: 20.252 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

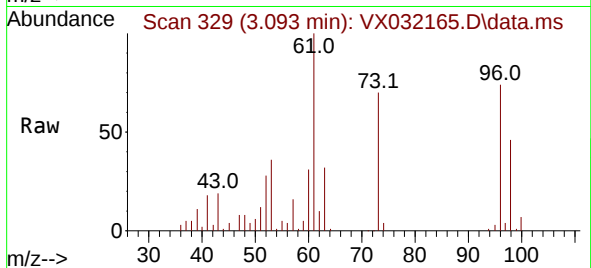
Tgt Ion: 84 Resp: 30377
Ion Ratio Lower Upper
84 100
49 120.1 105.9 158.9
51 35.9 32.2 48.2
86 65.7 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 20.364 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

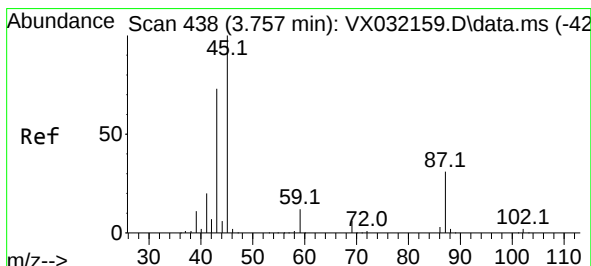
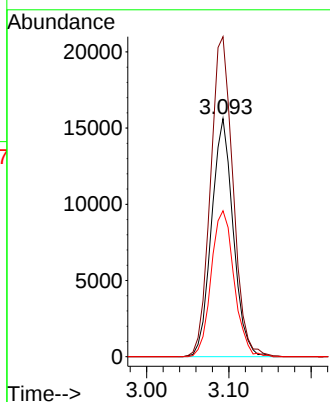
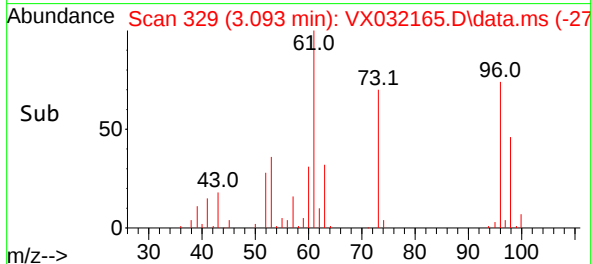
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



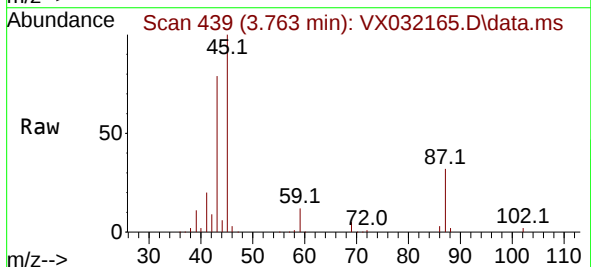
Tgt Ion: 96 Resp: 2868
Ion Ratio Lower Upper
96 100
61 134.4 106.7 160.1
98 61.3 48.7 73.1

Manual Integrations
APPROVED

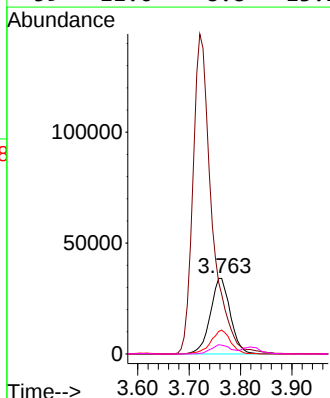
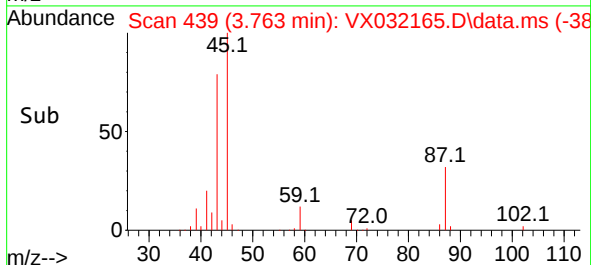
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

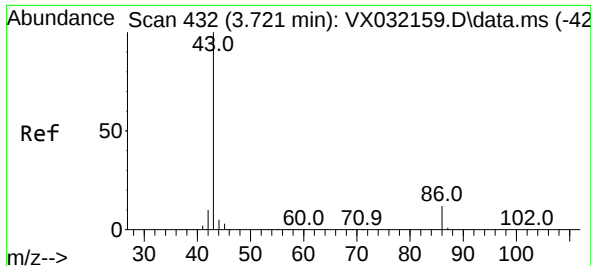


#22
Diisopropyl ether
Concen: 20.183 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46



Tgt Ion: 45 Resp: 92133
Ion Ratio Lower Upper
45 100
43 77.7 59.0 88.6
87 31.6 22.6 33.8
59 11.6 8.8 13.2





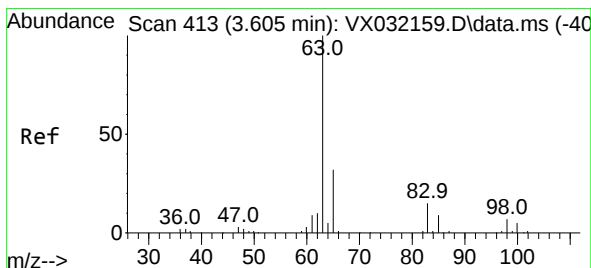
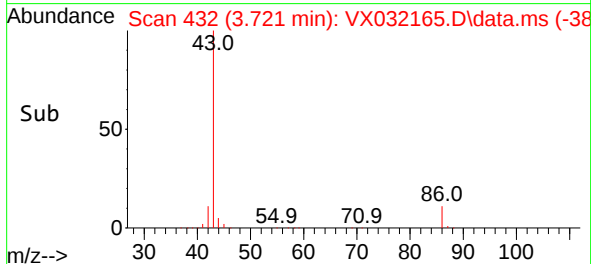
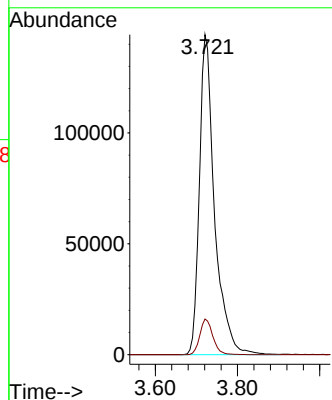
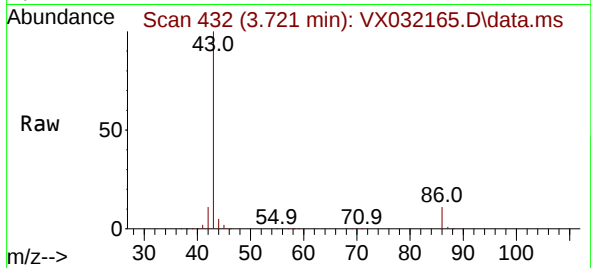
#23
 Vinyl Acetate
 Concen: 103.472 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032165.D
 Acq: 17 Oct 2022 19:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01

Tgt Ion: 43 Resp: 36898
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.7 13.1

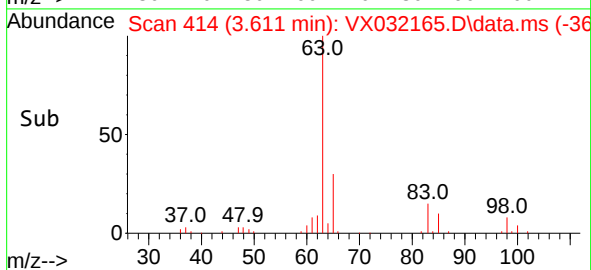
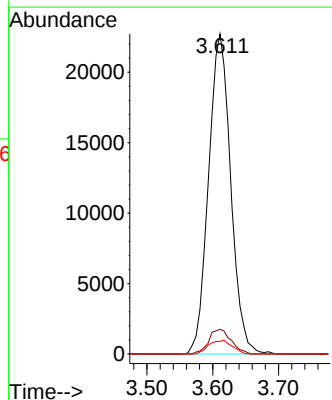
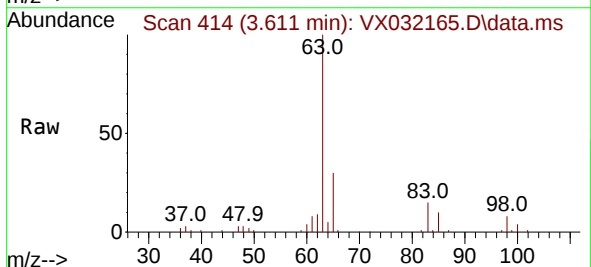
Manual Integrations
 APPROVED

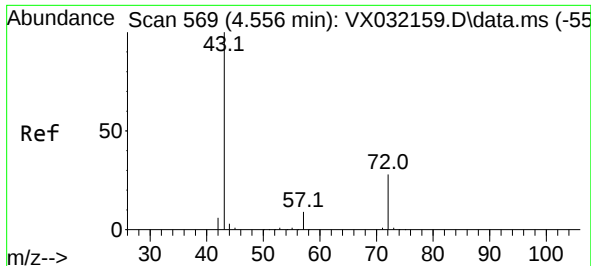
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#24
 1,1-Dichloroethane
 Concen: 20.060 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX032165.D
 Acq: 17 Oct 2022 19:46

Tgt Ion: 63 Resp: 53372
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 4.0 2.4 7.2





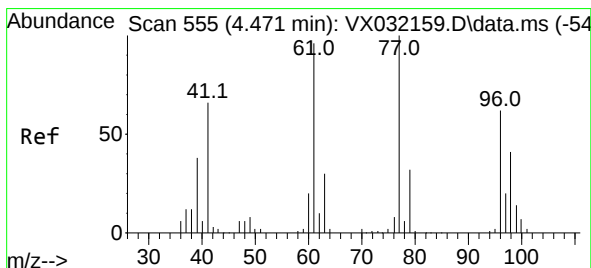
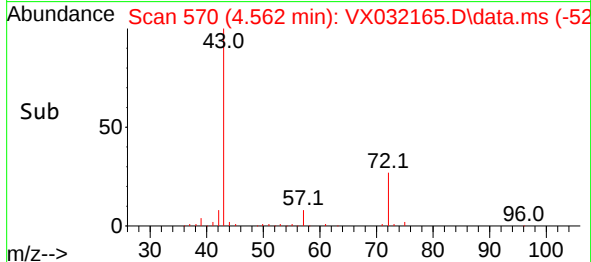
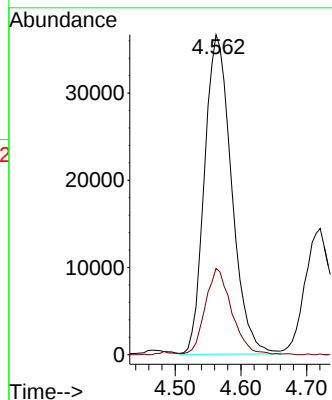
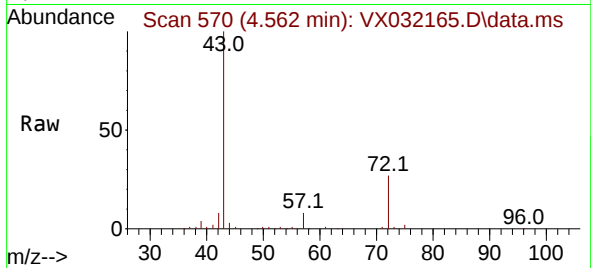
#25
2-Butanone
Concen: 100.707 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 43 Resp: 10497
Ion Ratio Lower Upper
43 100
72 26.9 21.1 31.7

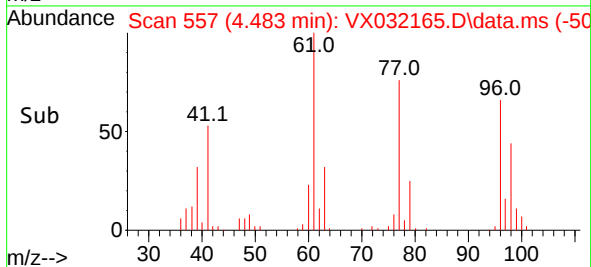
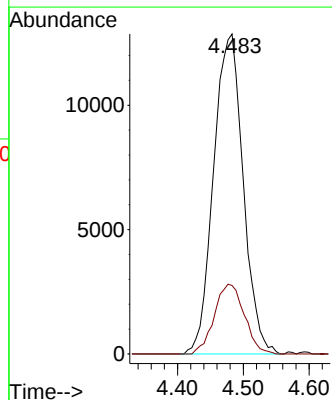
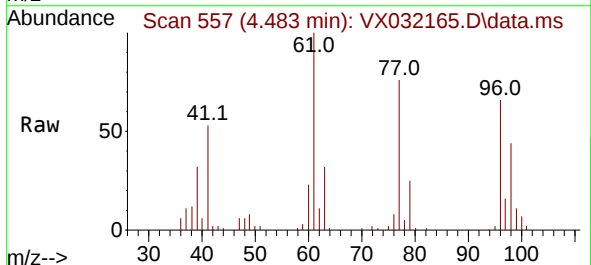
Manual Integrations
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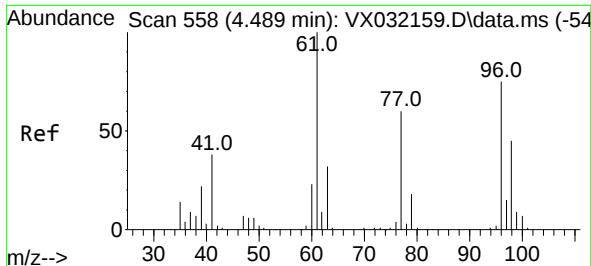
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#26
2,2-Dichloropropane
Concen: 19.235 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.012 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Tgt Ion: 77 Resp: 40278
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 19.665 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 96 Resp: 3332

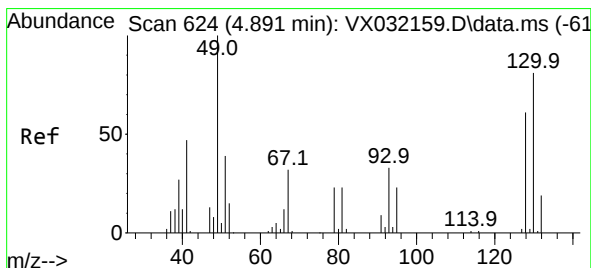
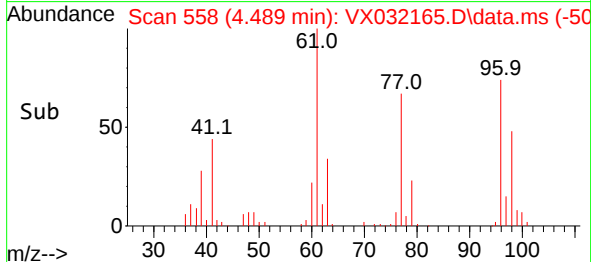
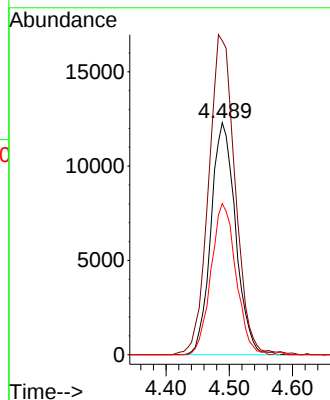
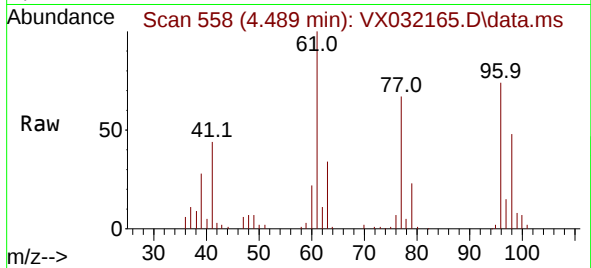
Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	305.2
98	65.7	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#28

Bromochloromethane

Concen: 19.003 ug/l

RT: 4.897 min Scan# 625

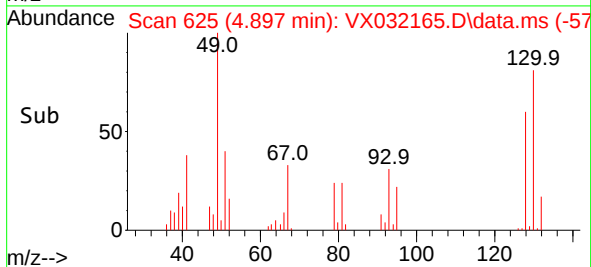
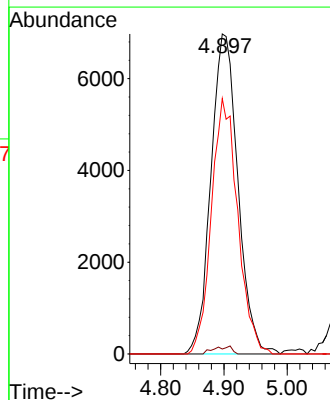
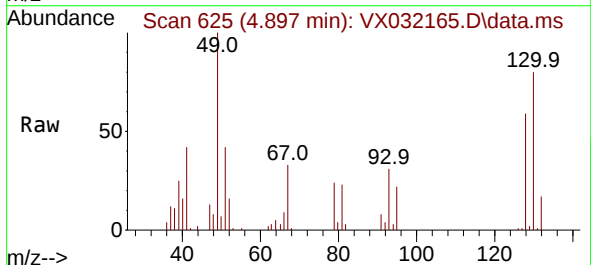
Delta R.T. 0.006 min

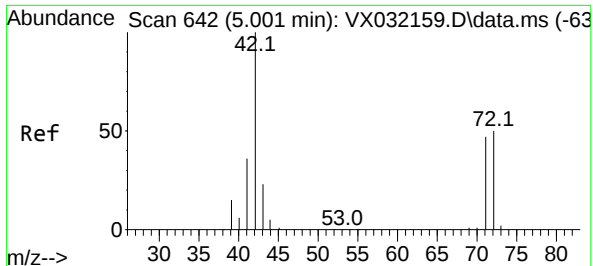
Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Tgt Ion: 49 Resp: 20658

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	77.5	59.0	88.4





#29

Tetrahydrofuran

Concen: 108.476 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 42 Resp: 67808

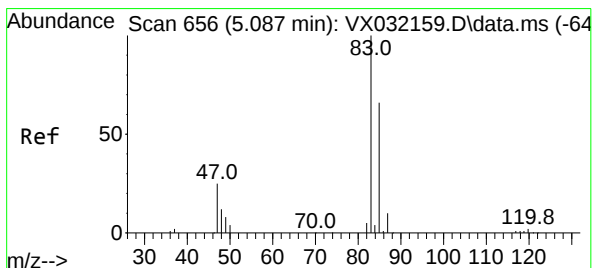
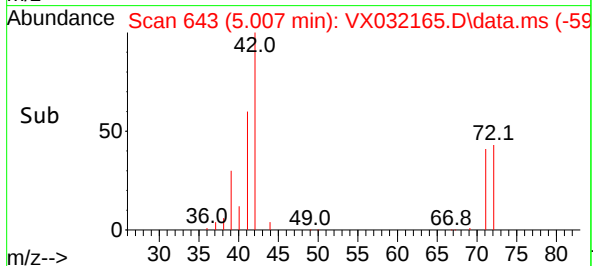
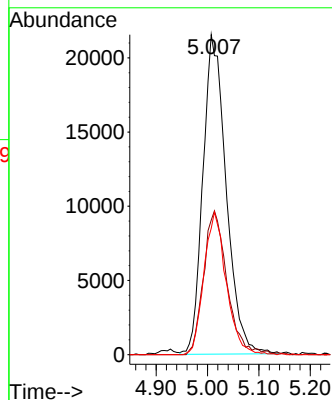
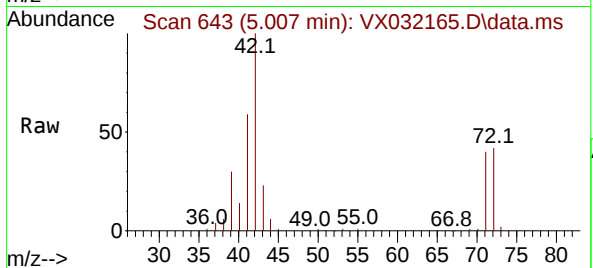
Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.4	54.6
71	42.7	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#30

Chloroform

Concen: 20.703 ug/l

RT: 5.099 min Scan# 658

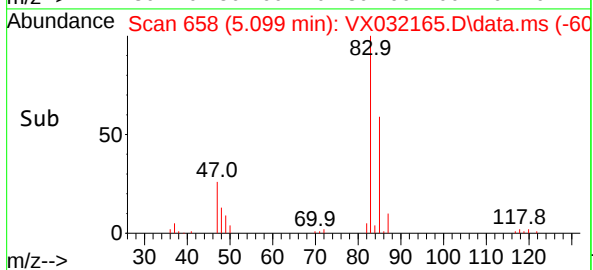
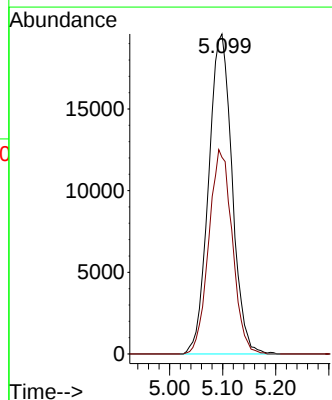
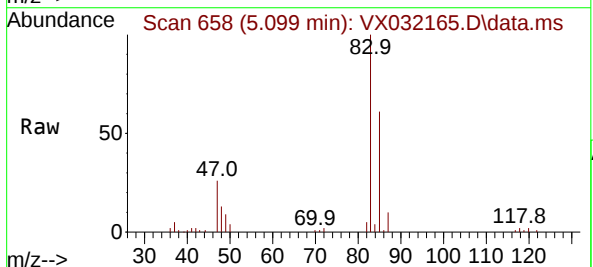
Delta R.T. 0.012 min

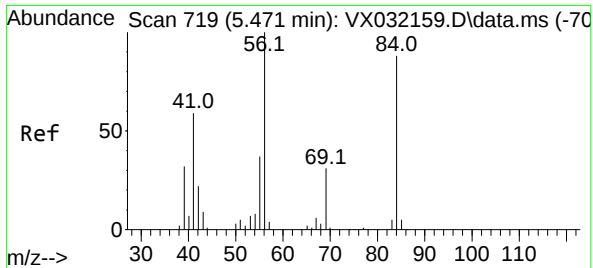
Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Tgt Ion: 83 Resp: 60282

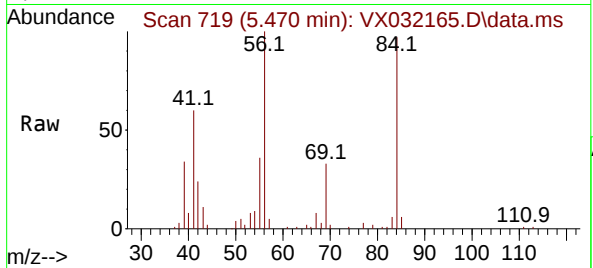
Ion	Ratio	Lower	Upper
83	100		
85	61.4	52.8	79.2





#31
Cyclohexane
Concen: 20.390 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

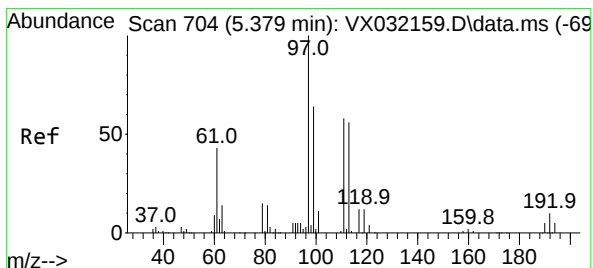
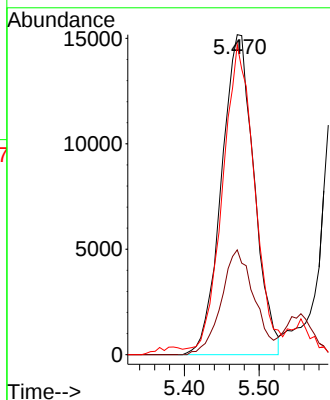
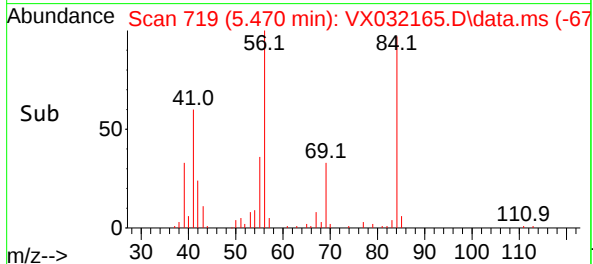
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



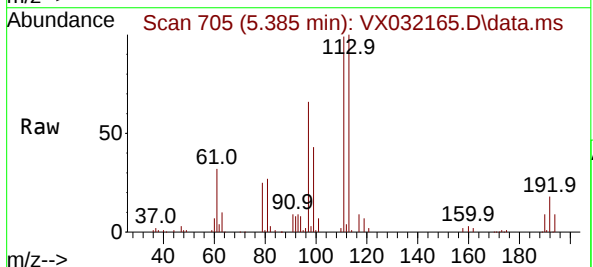
Tgt Ion: 56 Resp: 46100
Ion Ratio Lower Upper
56 100
69 32.8 25.1 37.7
84 94.7 70.2 105.4

Manual Integrations
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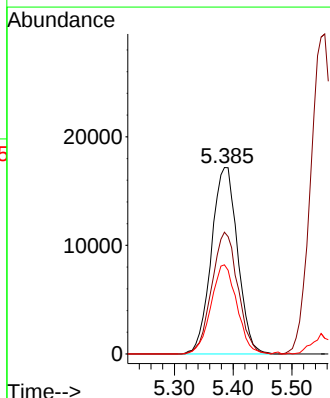
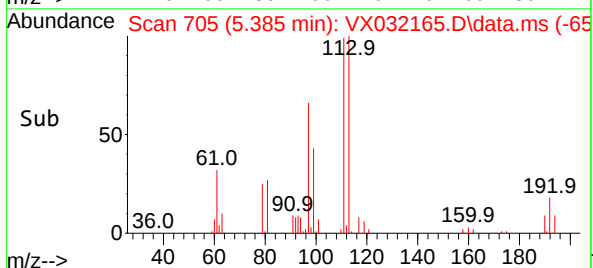
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

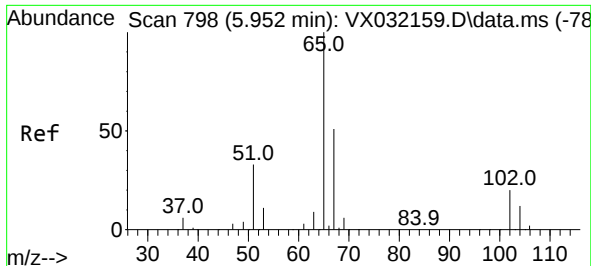


#32
1,1,1-Trichloroethane
Concen: 21.226 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46



Tgt Ion: 97 Resp: 53279
Ion Ratio Lower Upper
97 100
99 65.1 51.3 76.9
61 47.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 51.253 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 65 Resp: 10399

Ion Ratio Lower Upper

65 100

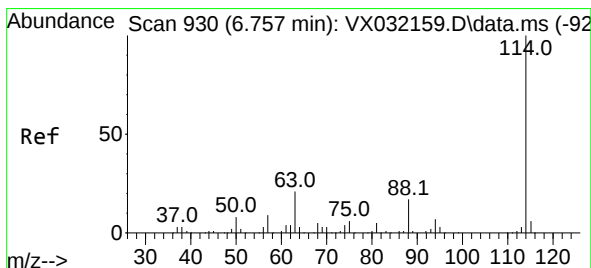
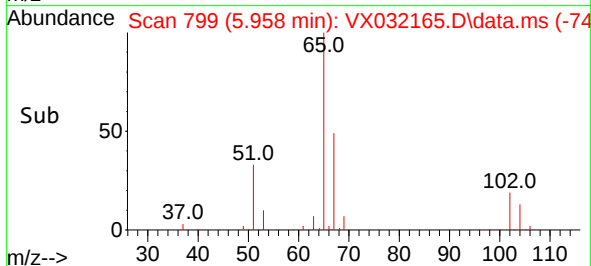
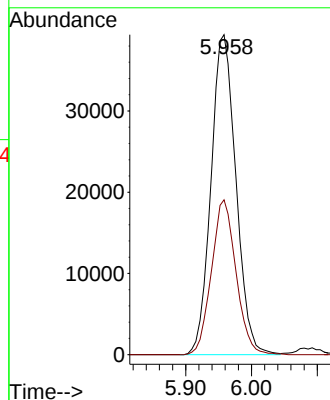
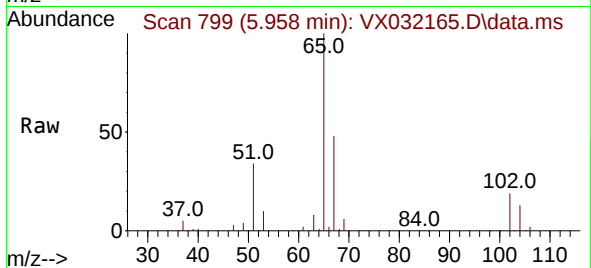
67 47.7 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

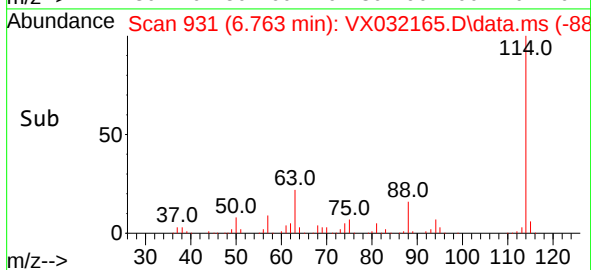
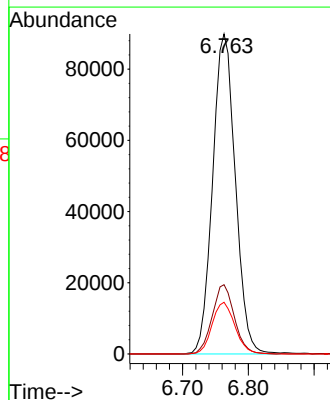
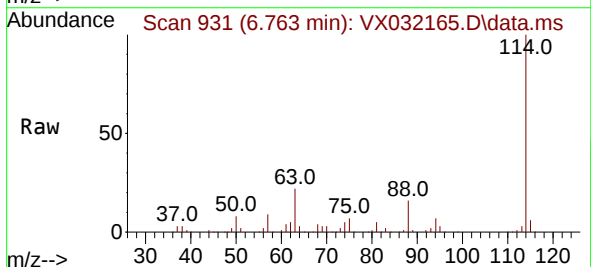
Tgt Ion:114 Resp: 215953

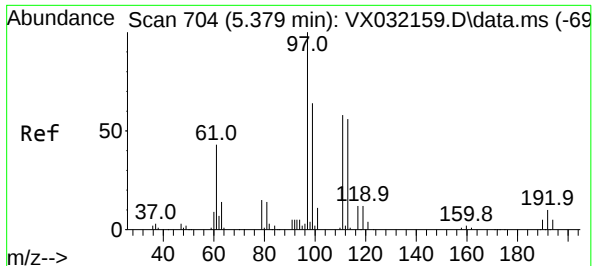
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.6

88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.499 ug/l

RT: 5.391 min Scan# 704

Delta R.T. 0.012 min

Lab File: VX032165.D

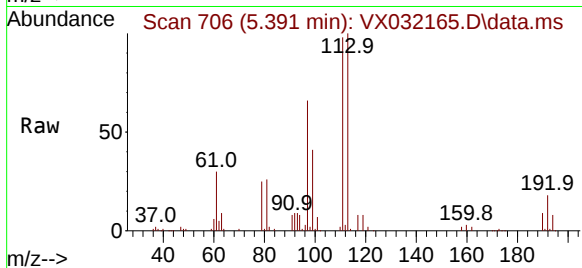
Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01



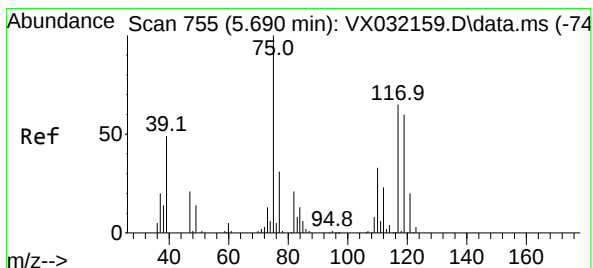
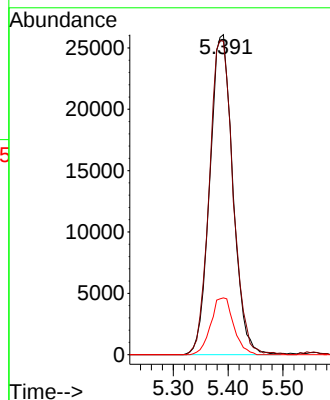
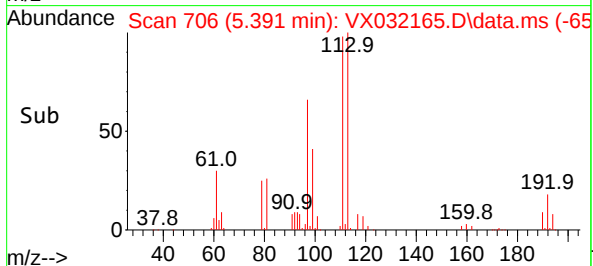
Tgt Ion:	113	Resp:	75884
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.4	123.6
192	17.6	14.1	21.1

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#36

1,1-Dichloropropene

Concen: 20.361 ug/l

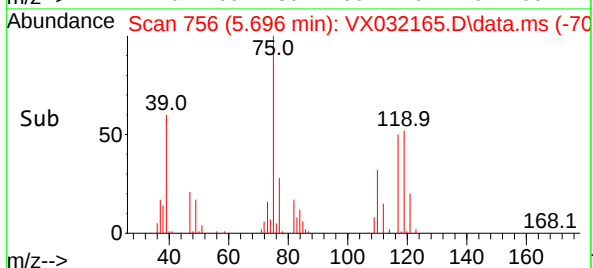
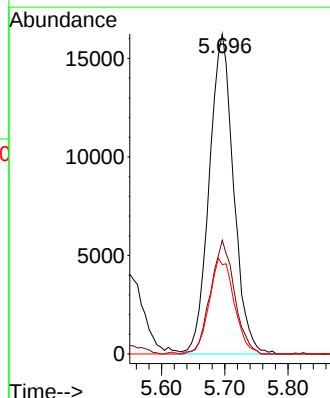
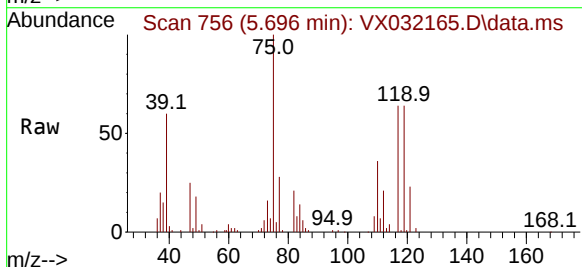
RT: 5.696 min Scan# 756

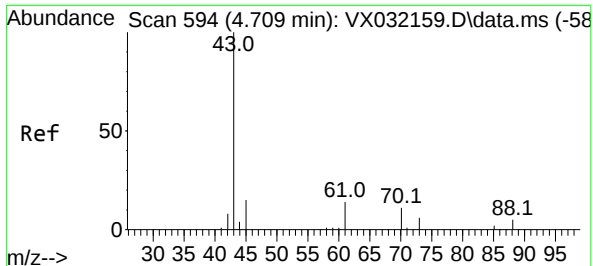
Delta R.T. 0.006 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Tgt Ion:	75	Resp:	43405
Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.5	52.5
77	30.5	24.9	37.3





#37

Ethyl Acetate

Concen: 20.020 ug/l

RT: 4.721 min Scan# 594

Delta R.T. 0.012 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

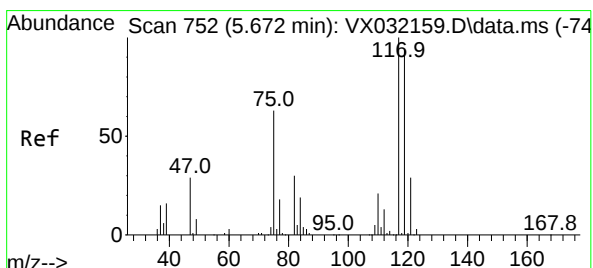
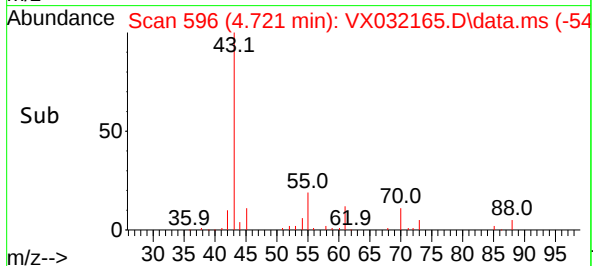
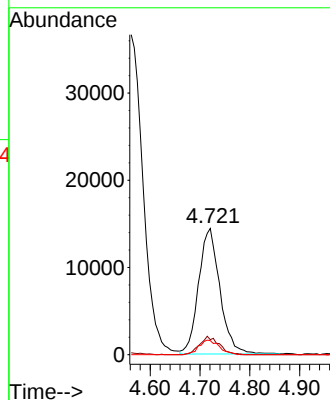
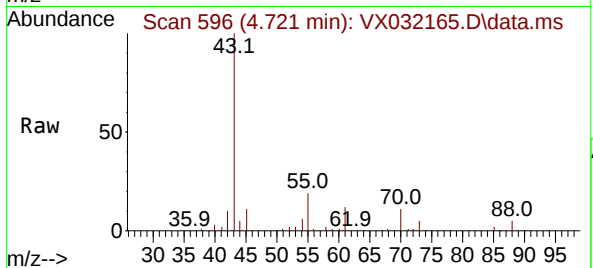
Tgt Ion: 43	Resp: 42829
Ion Ratio	Lower Upper
43 100	
61 13.4	11.1 16.7
70 11.1	8.6 13.0

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#38

Carbon Tetrachloride

Concen: 20.652 ug/l

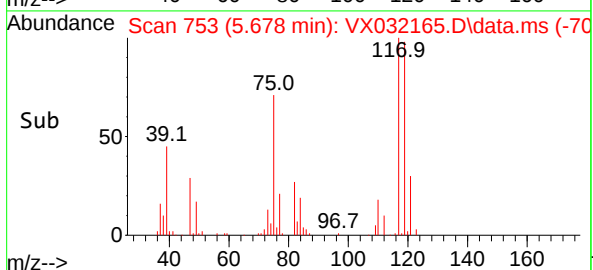
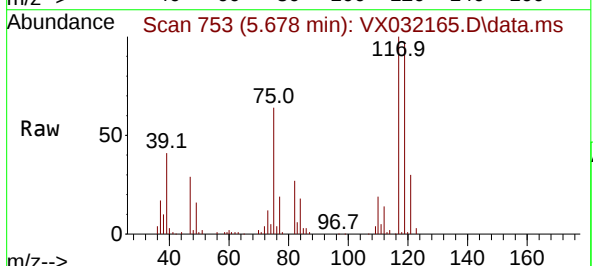
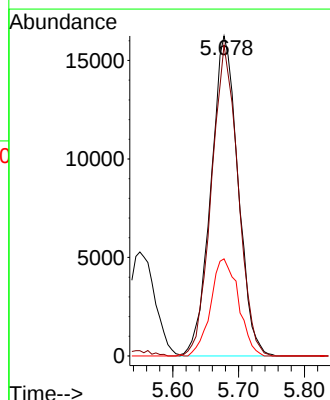
RT: 5.678 min Scan# 753

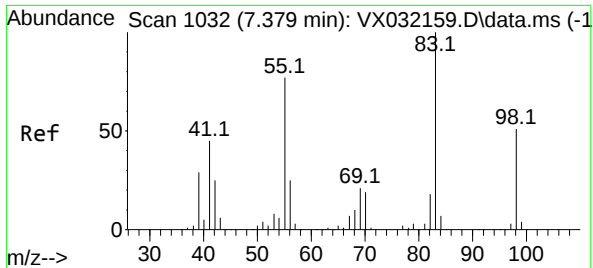
Delta R.T. 0.006 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

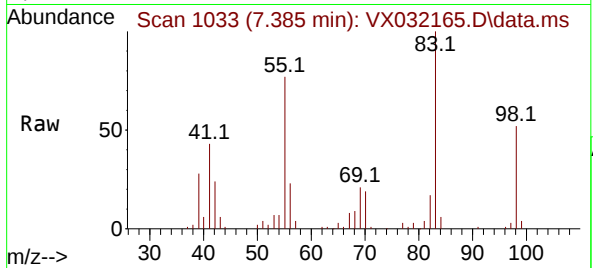
Tgt Ion: 117	Resp: 46625
Ion Ratio	Lower Upper
117 100	
119 97.1	74.6 112.0
121 30.3	25.3 37.9





#39
Methylcyclohexane
Concen: 19.648 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

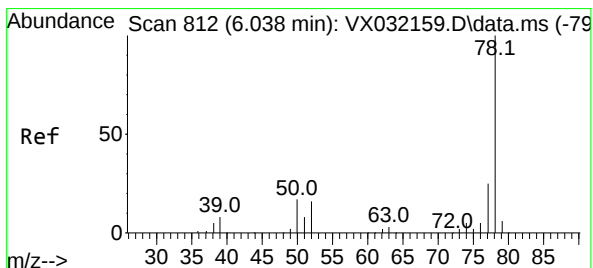
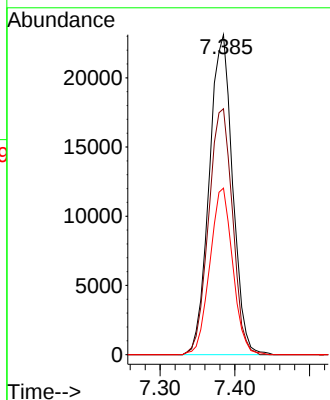
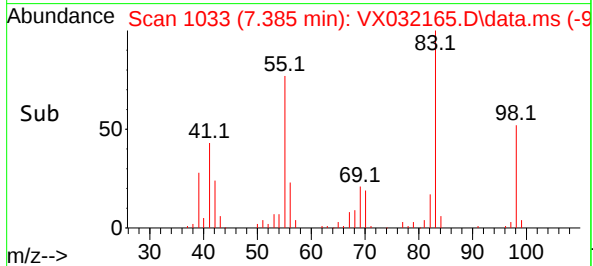
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 83 Resp: 50269
Ion Ratio Lower Upper
83 100
55 76.9 61.0 91.4
98 52.0 37.7 56.5

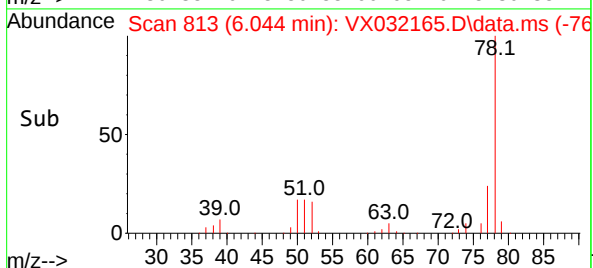
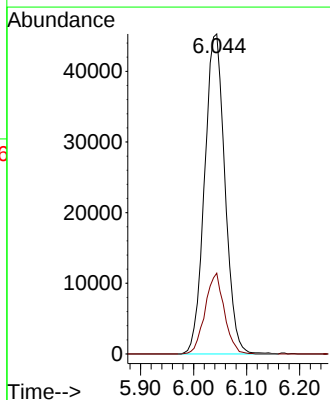
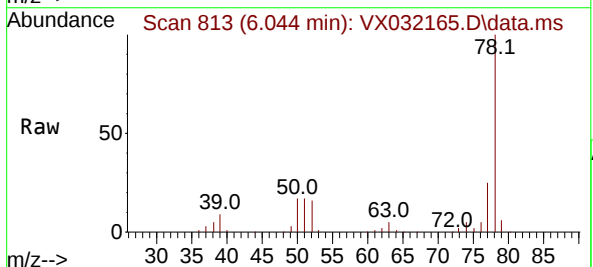
Manual Integrations
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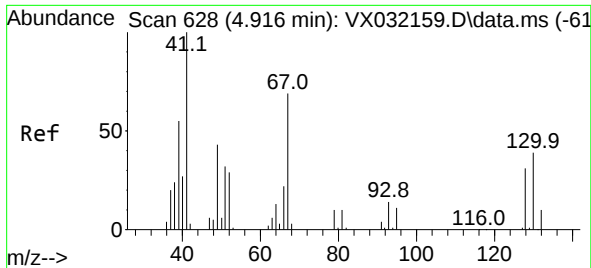
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#40
Benzene
Concen: 20.221 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Tgt Ion: 78 Resp: 120573
Ion Ratio Lower Upper
78 100
77 25.3 18.7 28.1





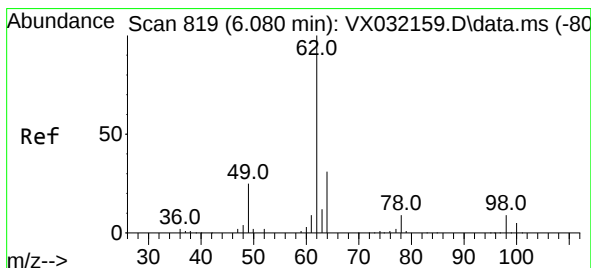
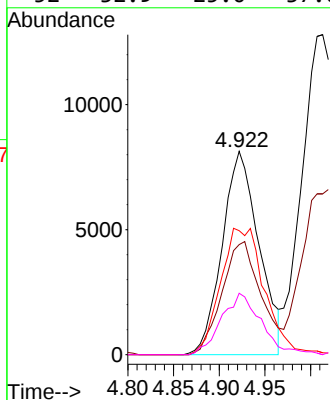
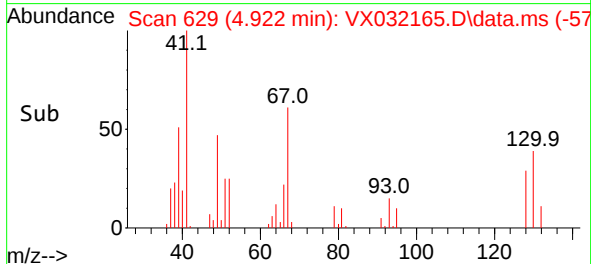
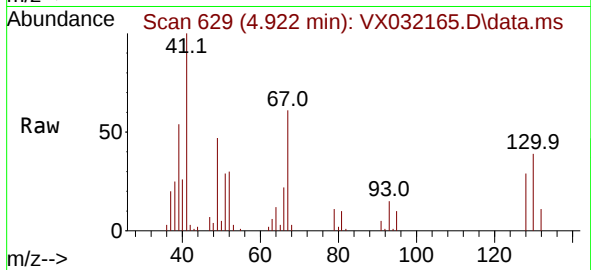
#41
Methacrylonitrile
Concen: 20.615 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 41 Resp: 22740
Ion Ratio Lower Upper
41 100
39 59.9 45.0 67.6
67 74.6 58.2 87.4
52 32.9 25.0 37.6

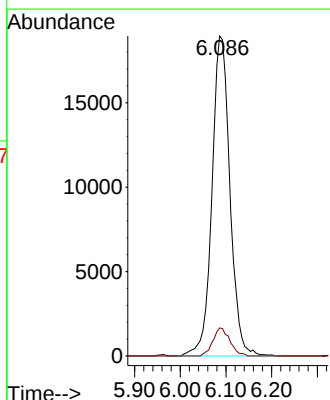
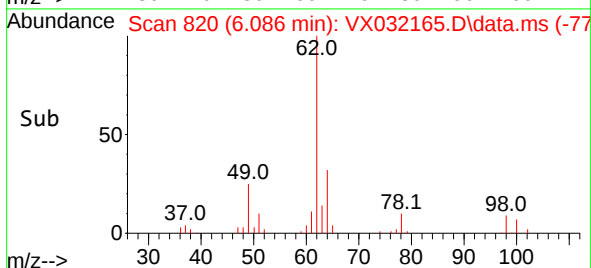
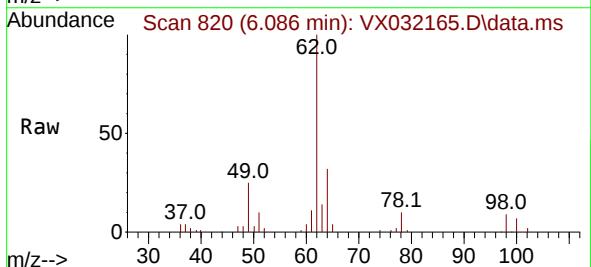
Manual Integrations
APPROVED

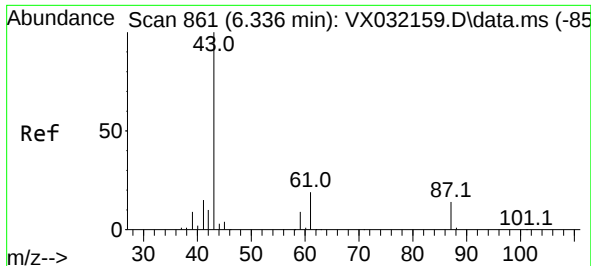
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#42
1,2-Dichloroethane
Concen: 20.731 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

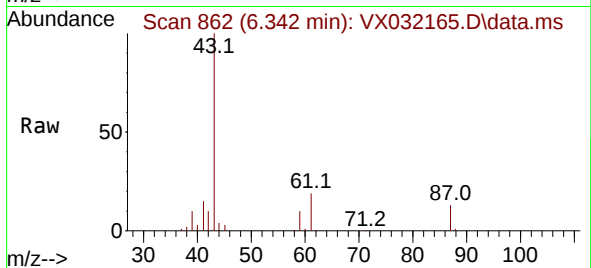
Tgt Ion: 62 Resp: 51776
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.8





#43
Isopropyl Acetate
Concen: 21.034 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

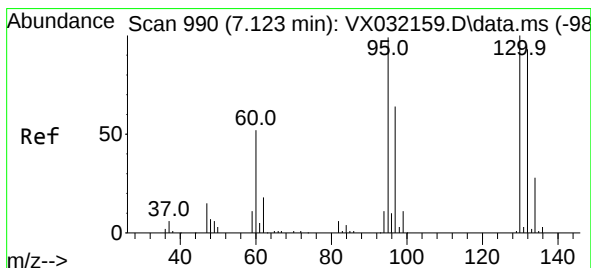
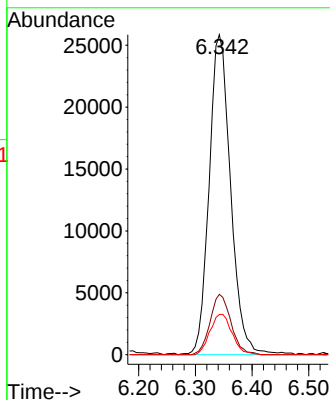
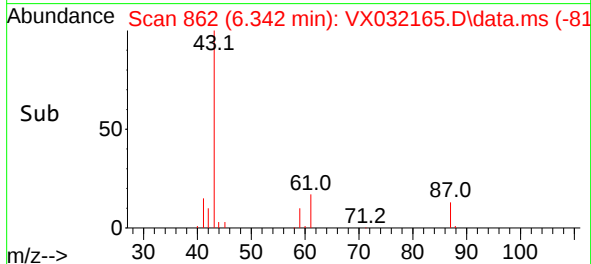
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion: 43 Resp: 67809
Ion Ratio Lower Upper
43 100
61 18.3 15.3 22.9
87 12.9 10.6 15.8

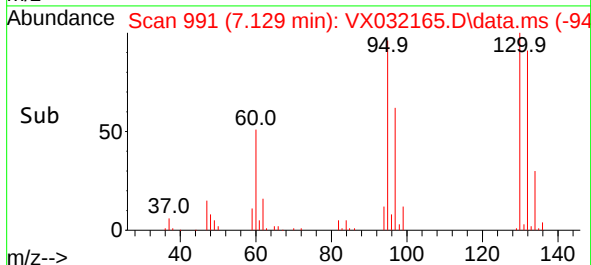
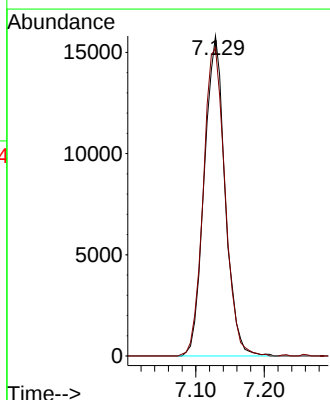
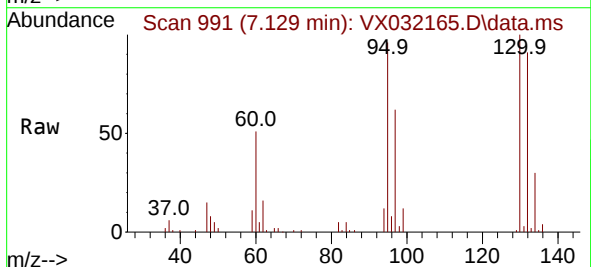
Manual Integrations
APPROVED

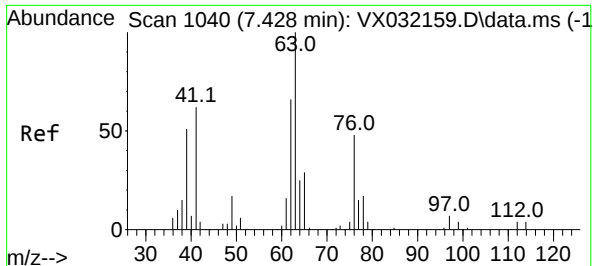
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#44
Trichloroethene
Concen: 19.865 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Tgt Ion:130 Resp: 33376
Ion Ratio Lower Upper
130 100
95 96.3 0.0 206.8





#45

1,2-Dichloropropane

Concen: 19.738 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 63 Resp: 2932

Ion Ratio Lower Upper

63 100

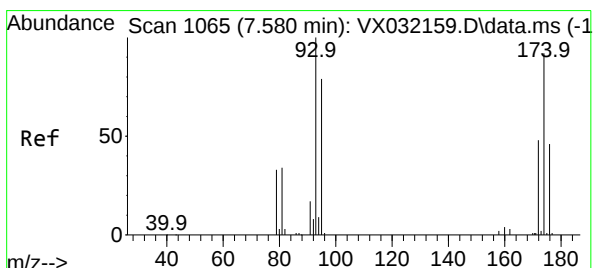
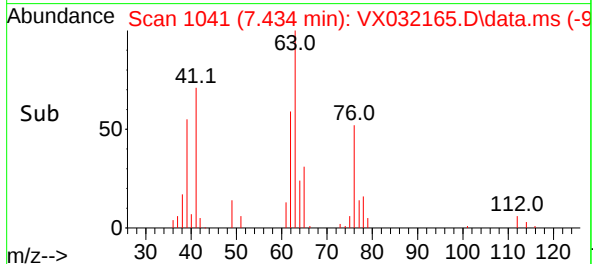
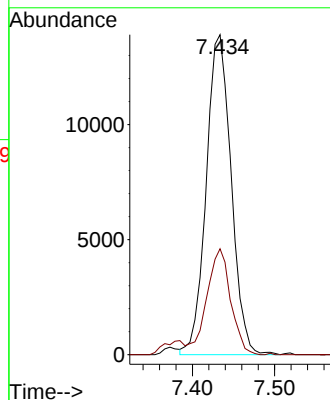
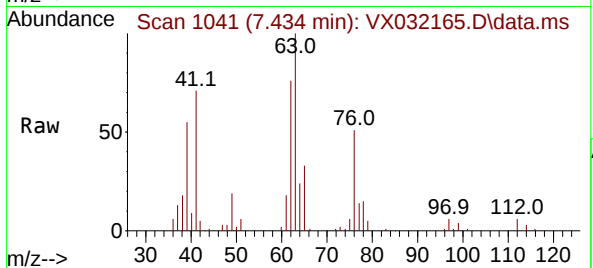
65 33.1 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#46

Dibromomethane

Concen: 20.713 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

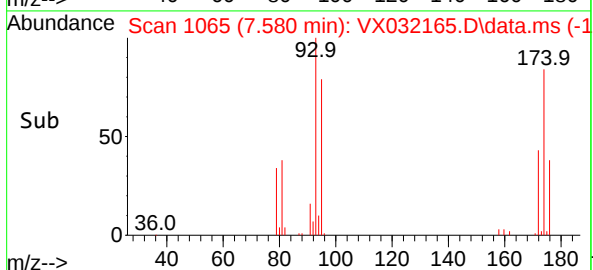
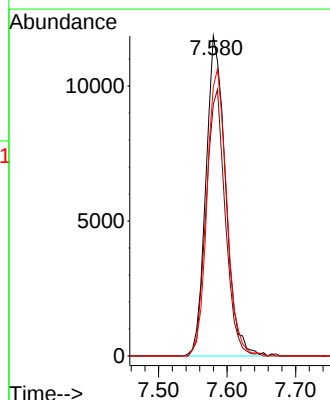
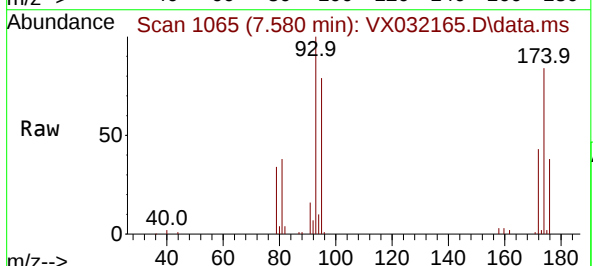
Tgt Ion: 93 Resp: 23638

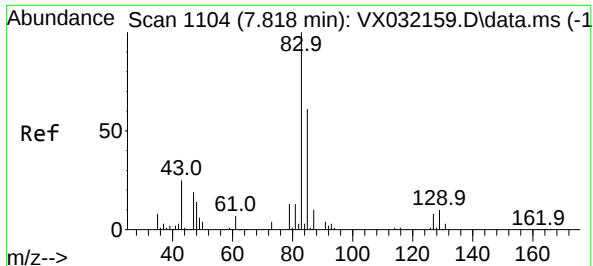
Ion Ratio Lower Upper

93 100

95 81.4 65.5 98.3

174 89.6 67.6 101.4





#47

Bromodichloromethane

Concen: 16.377 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

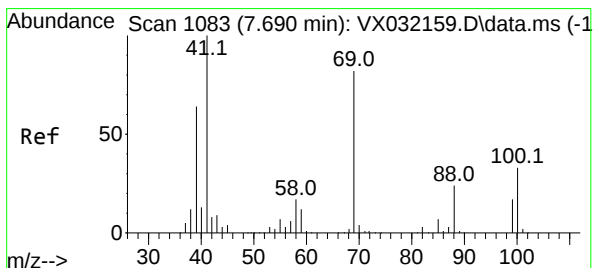
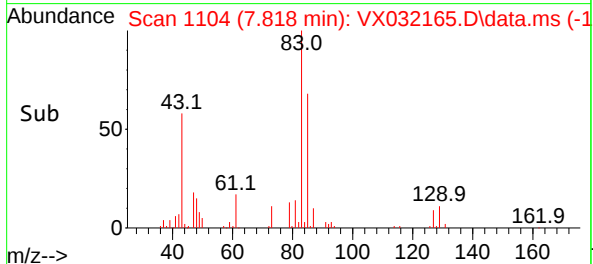
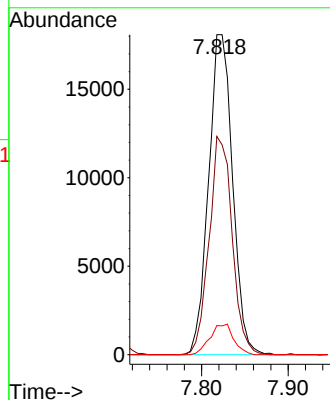
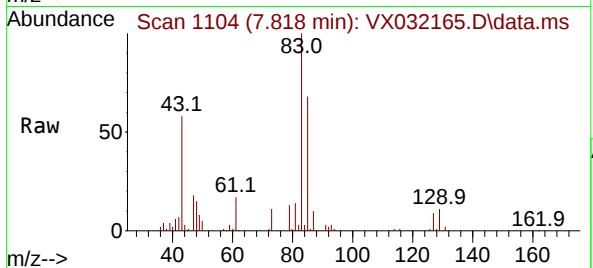
Tgt Ion:	83	Resp:	34810
Ion	Ratio	Lower	Upper
83	100		
85	68.2	51.0	76.6
127	9.1	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#48

Methyl methacrylate

Concen: 20.706 ug/l

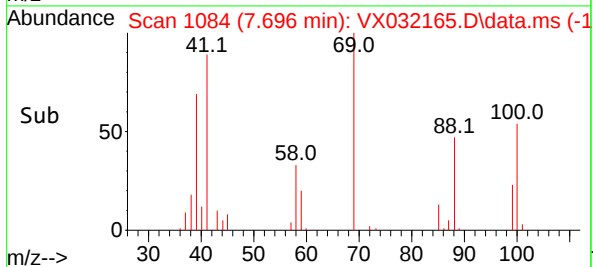
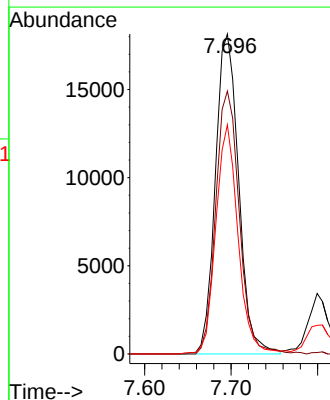
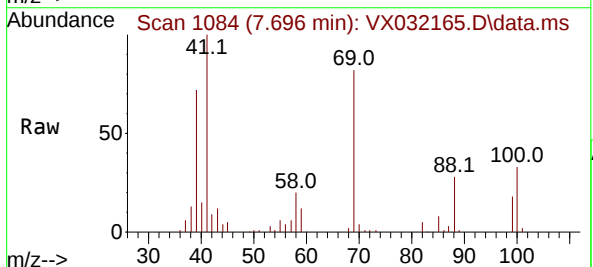
RT: 7.696 min Scan# 1084

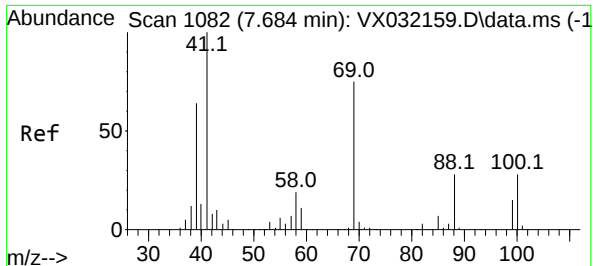
Delta R.T. 0.006 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Tgt Ion:	41	Resp:	33829
Ion	Ratio	Lower	Upper
41	100		
69	83.1	64.6	96.8
39	68.4	51.4	77.0





#49

1,4-Dioxane

Concen: 425.536 ug/l

RT: 7.690 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

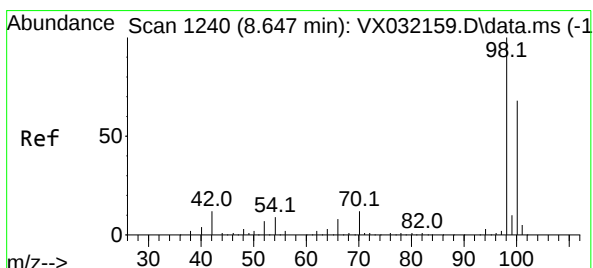
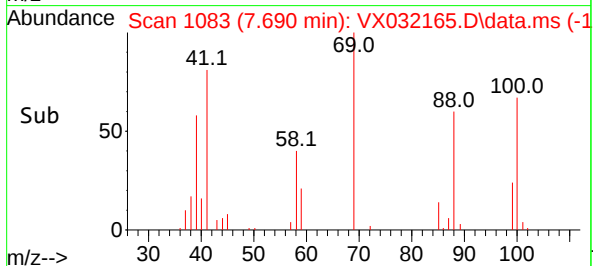
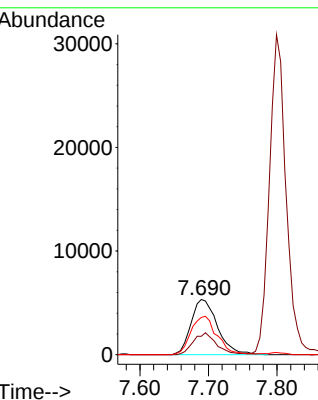
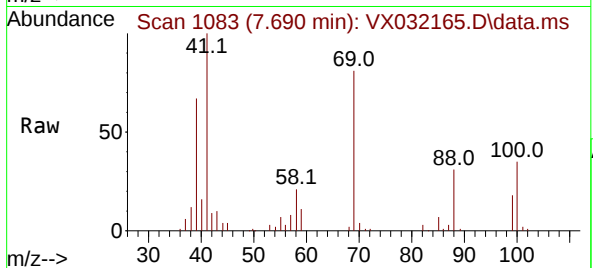
Tgt Ion:	88	Resp:	1425
Ion Ratio	Lower	Upper	
88	100		
43	34.9	27.1	40.7
58	68.3	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#50

Toluene-d8

Concen: 47.819 ug/l

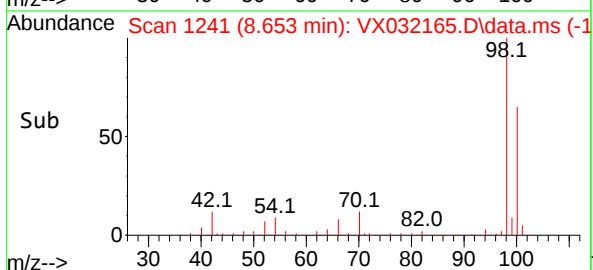
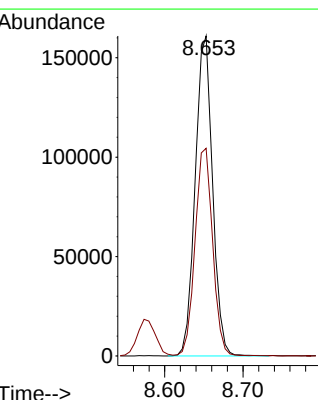
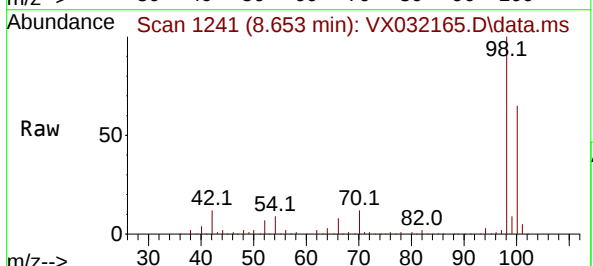
RT: 8.653 min Scan# 1241

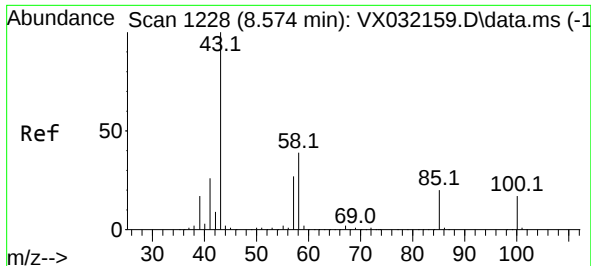
Delta R.T. 0.006 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Tgt Ion:	98	Resp:	247145
Ion Ratio	Lower	Upper	
98	100		
100	65.6	52.5	78.7





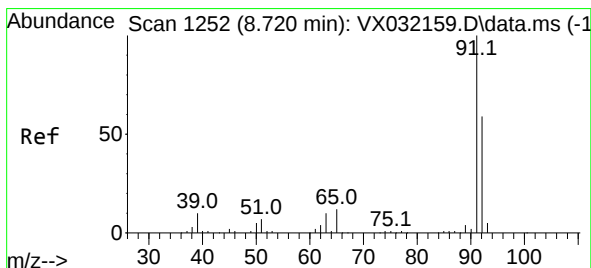
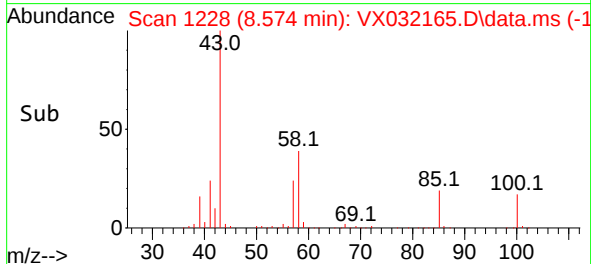
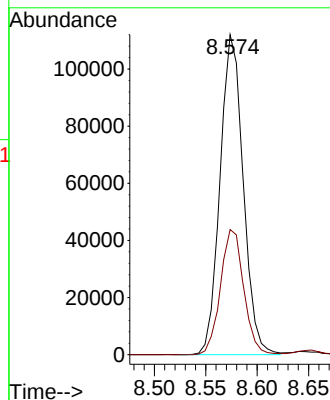
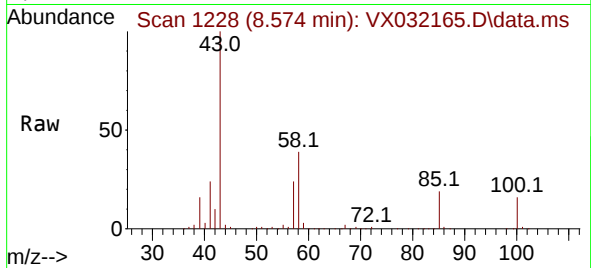
#51
4-Methyl-2-Pentanone
Concen: 88.635 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 43 Resp: 17521
Ion Ratio Lower Upper
43 100
58 39.4 30.6 46.0

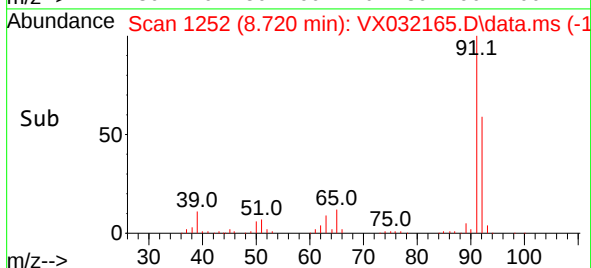
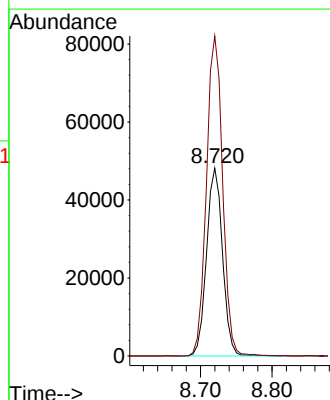
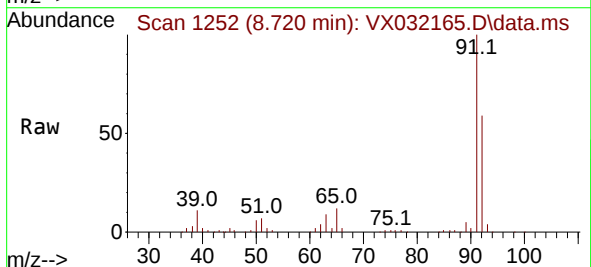
Manual Integrations
APPROVED

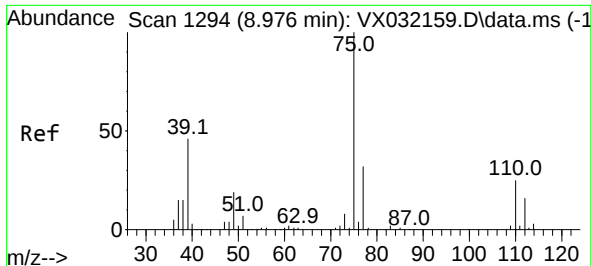
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#52
Toluene
Concen: 19.643 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Tgt Ion: 92 Resp: 74628
Ion Ratio Lower Upper
92 100
91 172.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 20.982 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 75 Resp: 3978

Ion Ratio Lower Upper

75 100

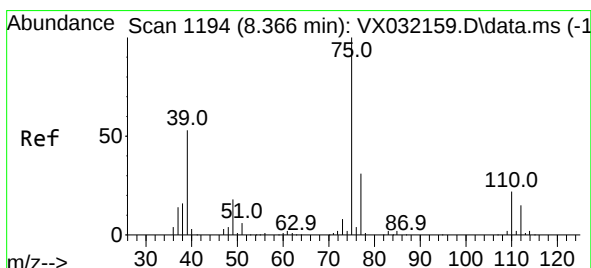
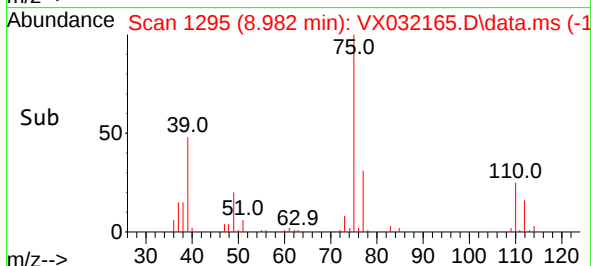
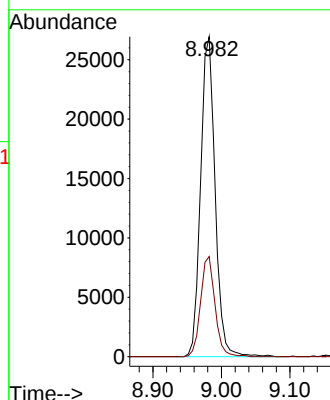
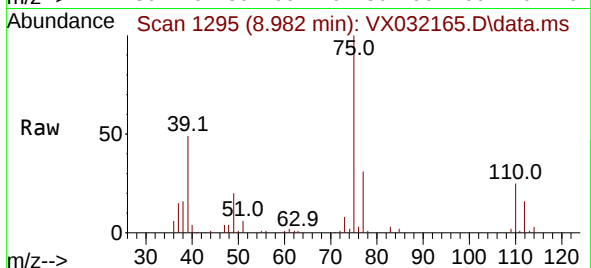
77 31.3 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#54

cis-1,3-Dichloropropene

Concen: 16.732 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

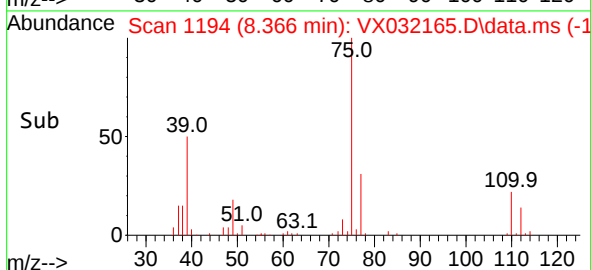
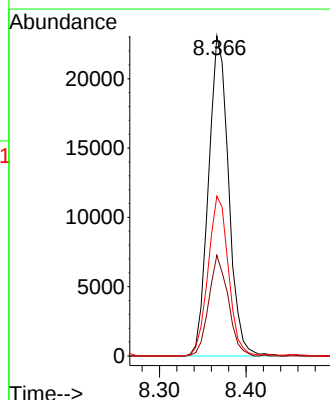
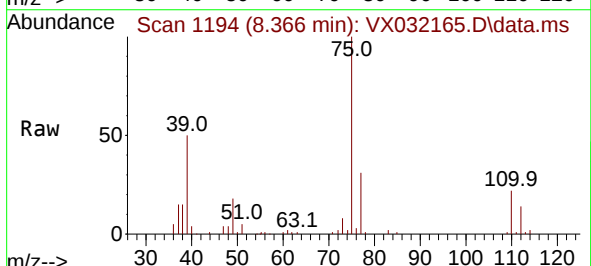
Tgt Ion: 75 Resp: 37260

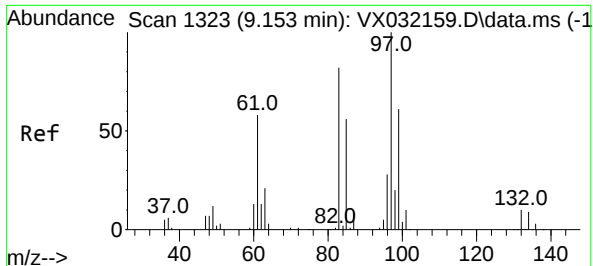
Ion Ratio Lower Upper

75 100

77 31.5 24.4 36.6

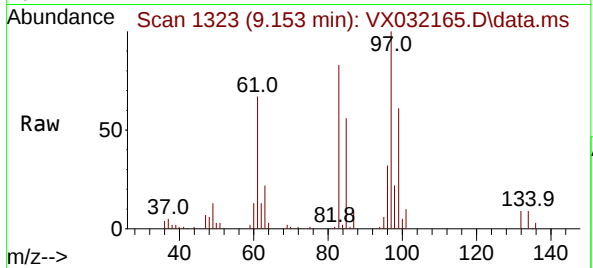
39 49.9 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 22.725 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

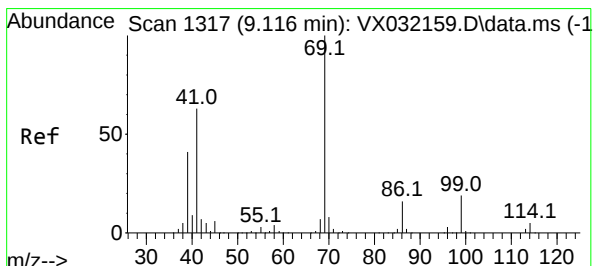
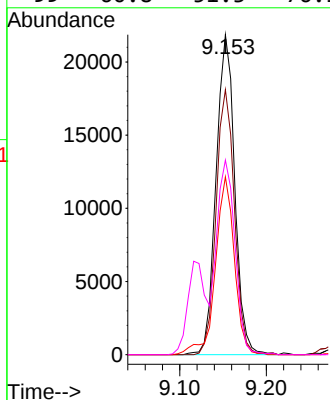
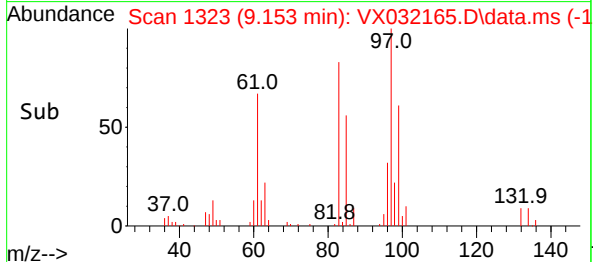


Tgt Ion: 97 Resp: 32774

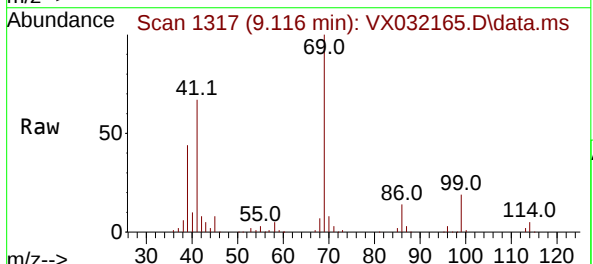
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.0	103.6
85	55.6	44.1	66.1
99	60.8	51.3	76.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

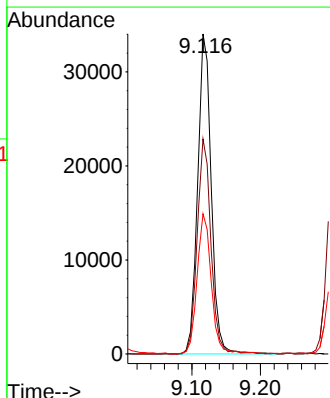
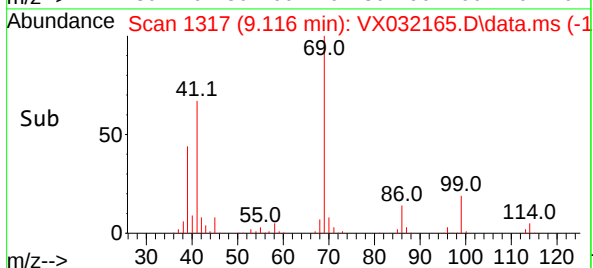


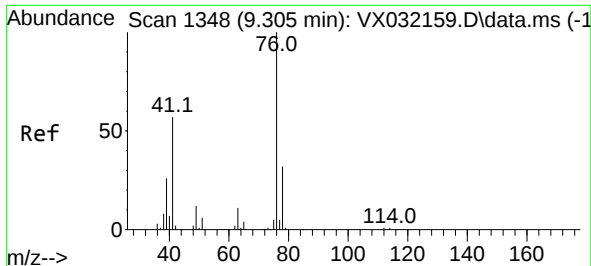
#56
Ethyl methacrylate
Concen: 22.824 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46



Tgt Ion: 69 Resp: 47011

Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.2	81.4
39	45.6	34.2	51.2





#57

1,3-Dichloropropane

Concen: 21.280 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 76 Resp: 53809

Ion Ratio Lower Upper

76 100

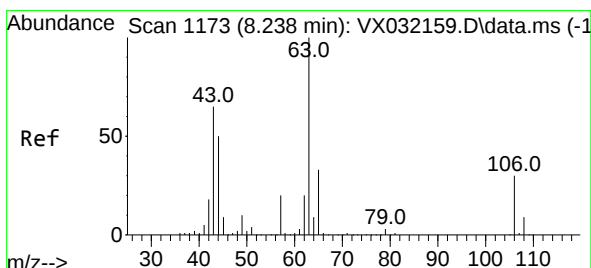
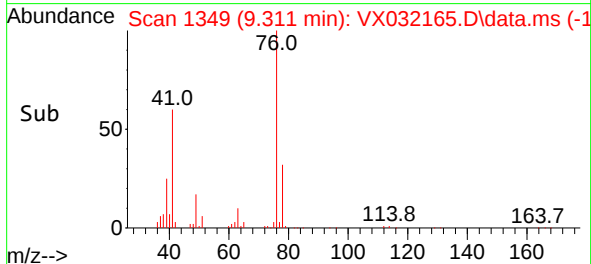
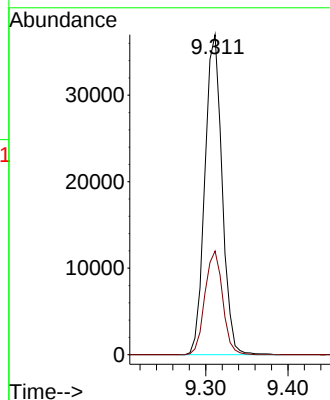
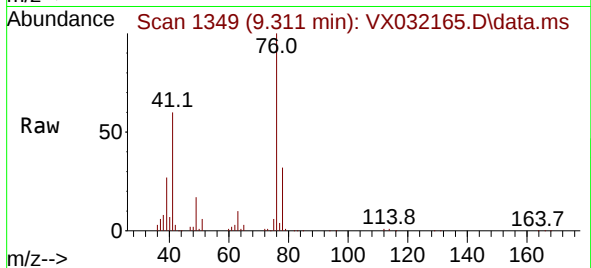
78 33.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 82.119 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX032165.D

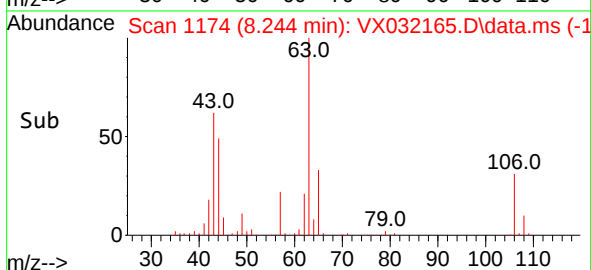
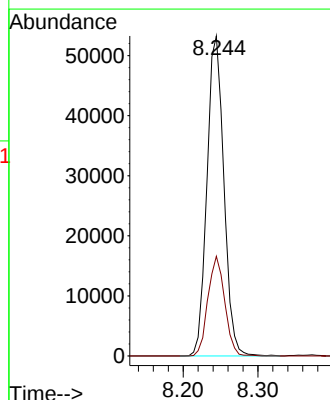
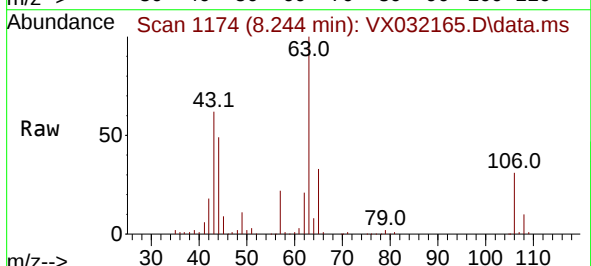
Acq: 17 Oct 2022 19:46

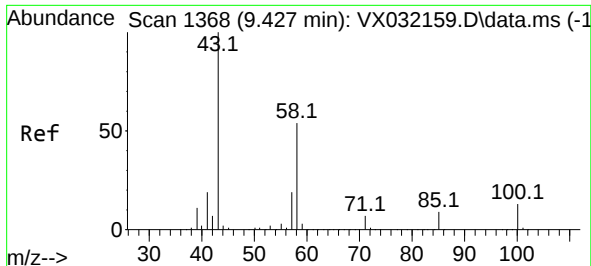
Tgt Ion: 63 Resp: 83797

Ion Ratio Lower Upper

63 100

106 30.9 22.6 34.0





#59

2-Hexanone

Concen: 112.842 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 43 Resp: 165259

Ion Ratio Lower Upper

43 100

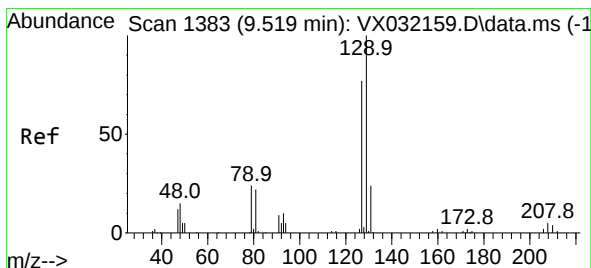
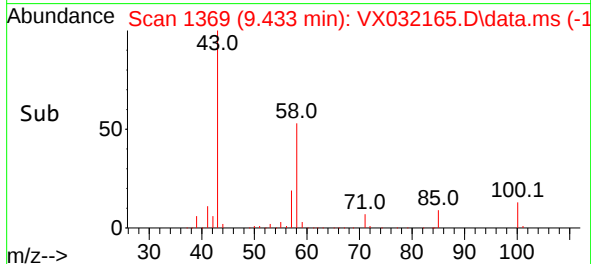
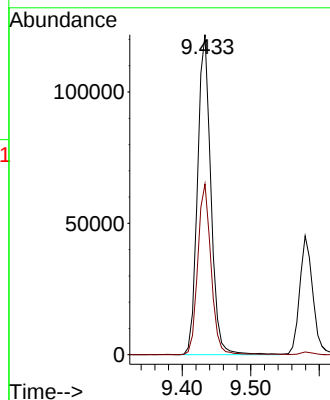
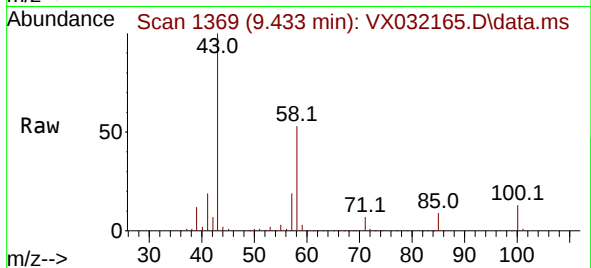
58 53.0 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#60

Dibromochloromethane

Concen: 21.510 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX032165.D

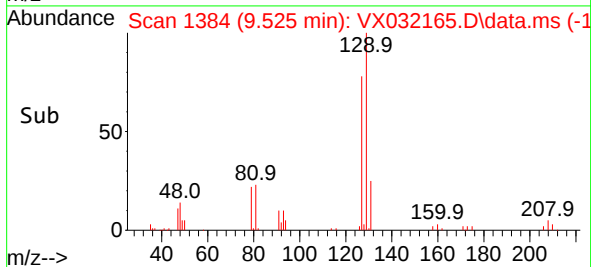
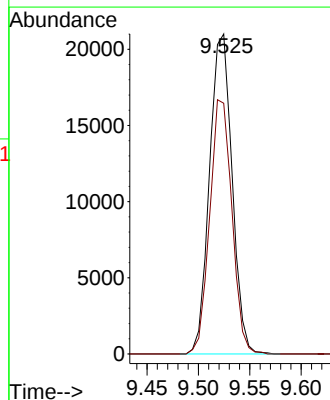
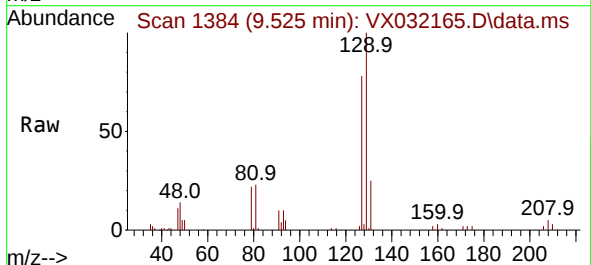
Acq: 17 Oct 2022 19:46

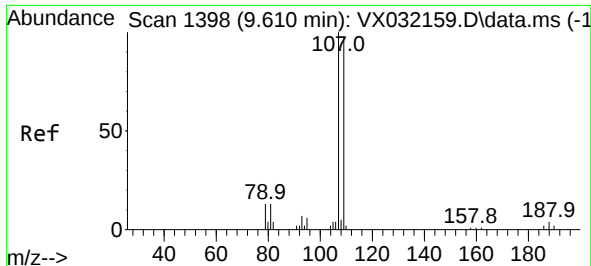
Tgt Ion:129 Resp: 32093

Ion Ratio Lower Upper

129 100

127 78.1 38.7 116.1





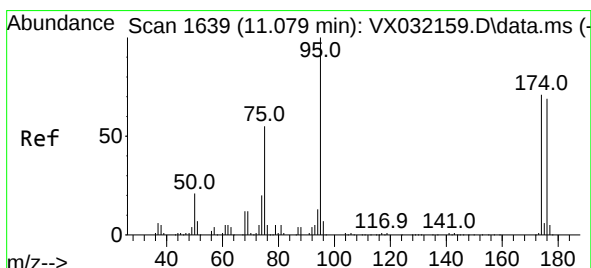
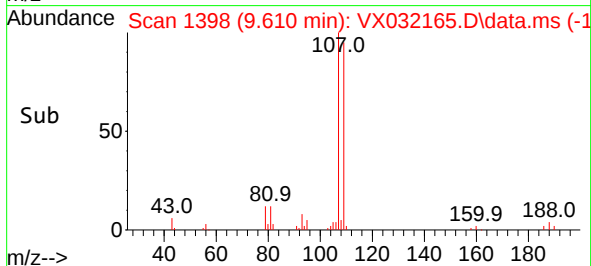
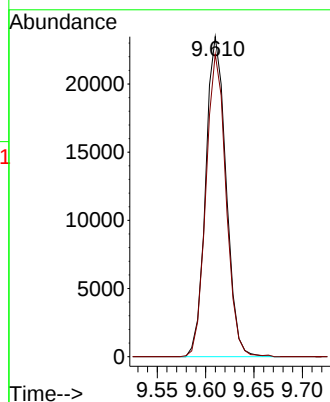
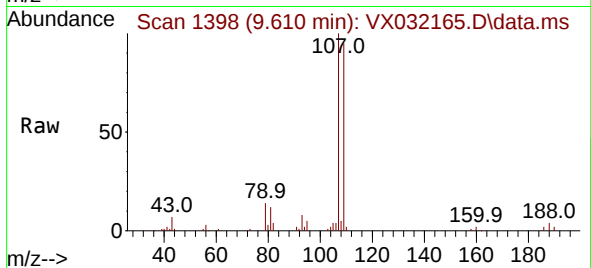
#61
1,2-Dibromoethane
Concen: 22.095 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion:107 Resp: 34414
Ion Ratio Lower Upper
107 100
109 93.3 74.2 111.4

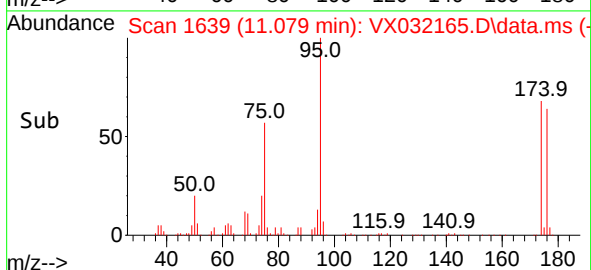
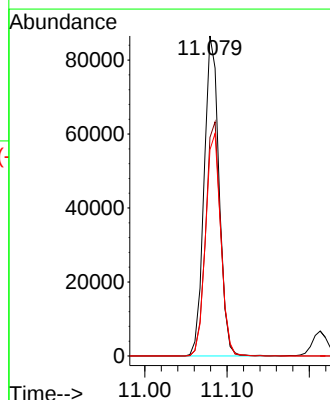
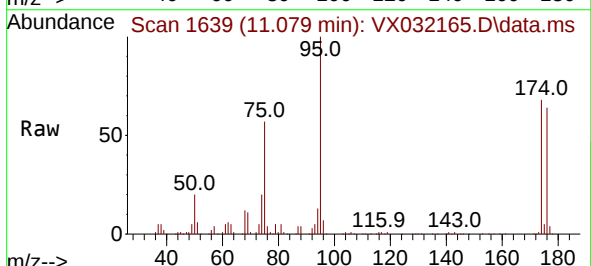
Manual Integrations
APPROVED

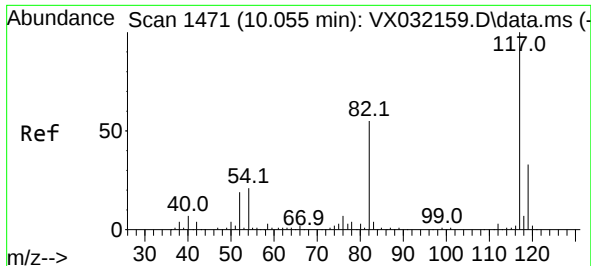
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#62
4-Bromofluorobenzene
Concen: 55.429 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

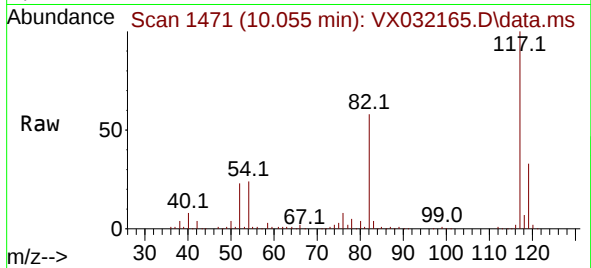
Tgt Ion: 95 Resp: 109071
Ion Ratio Lower Upper
95 100
174 72.9 0.0 153.2
176 70.9 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

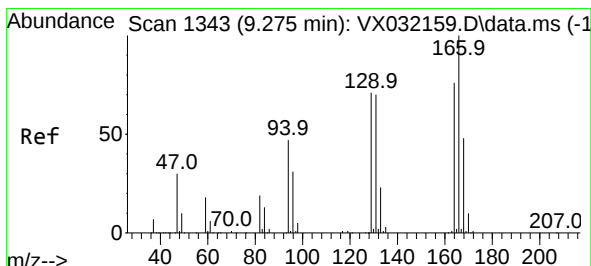
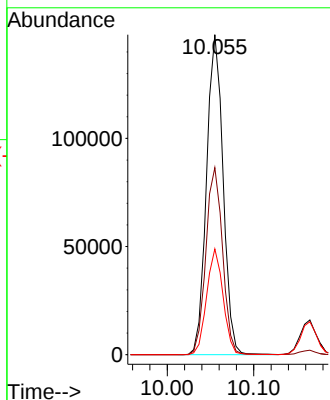
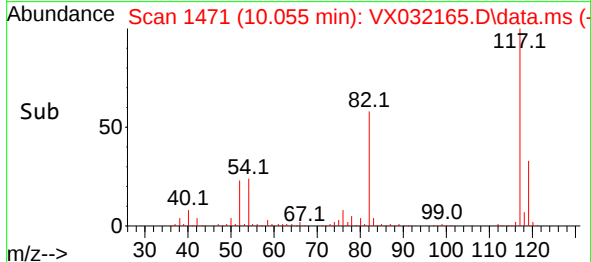
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion:117 Resp: 196529
Ion Ratio Lower Upper
117 100
82 58.5 46.8 70.2
119 33.0 26.4 39.6

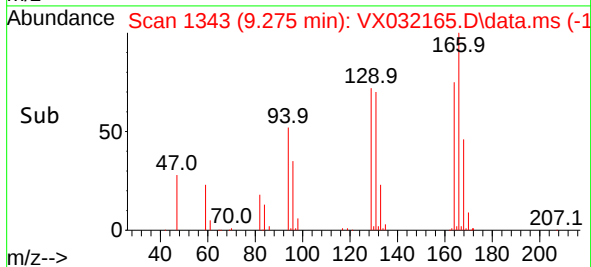
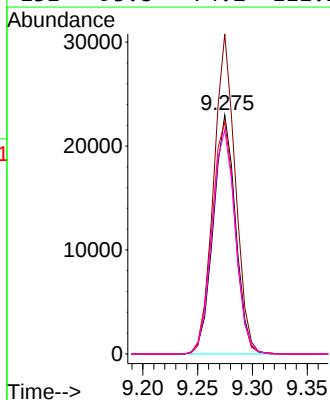
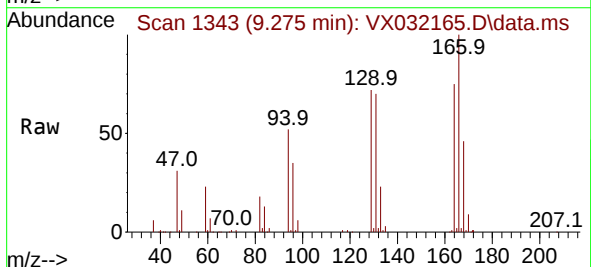
Manual Integrations
APPROVED

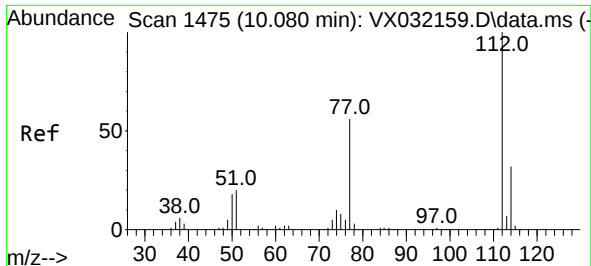
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#64
Tetrachloroethene
Concen: 19.754 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Tgt Ion:164 Resp: 32266
Ion Ratio Lower Upper
164 100
166 133.9 99.0 148.4
129 97.1 78.0 117.0
131 93.8 74.2 111.2





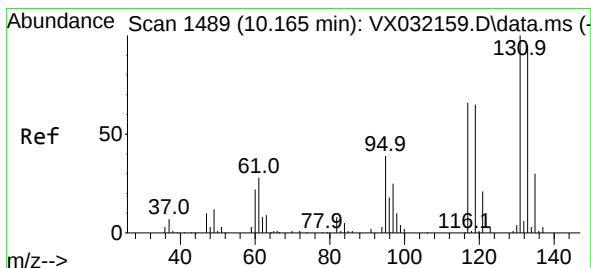
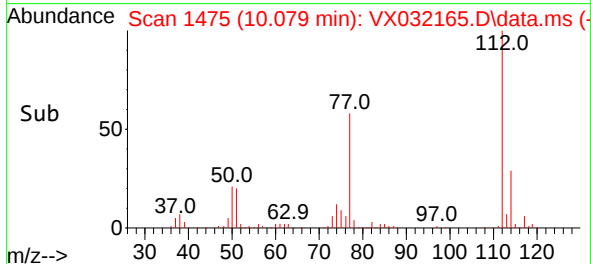
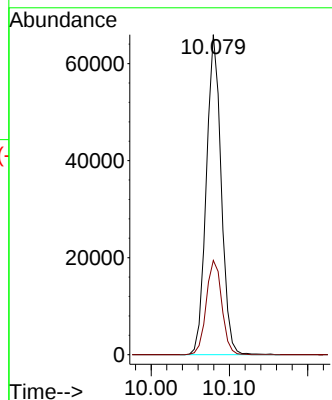
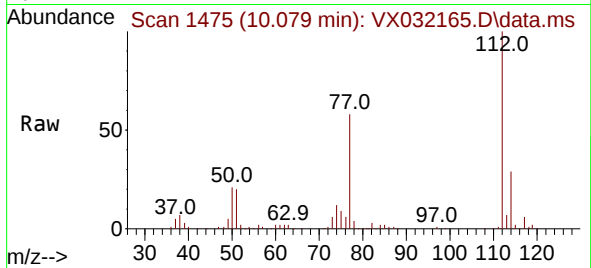
#65
Chlorobenzene
Concen: 20.030 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion:112 Resp: 86499
Ion Ratio Lower Upper
112 100
114 29.4 25.7 38.5

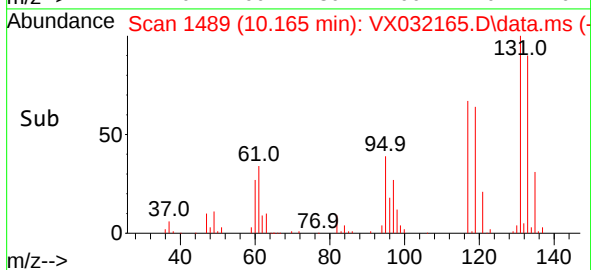
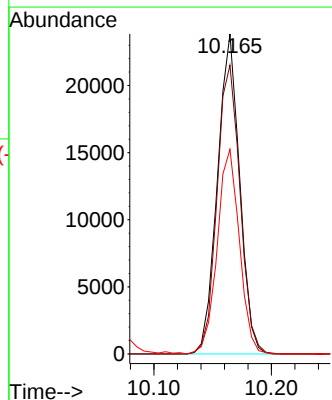
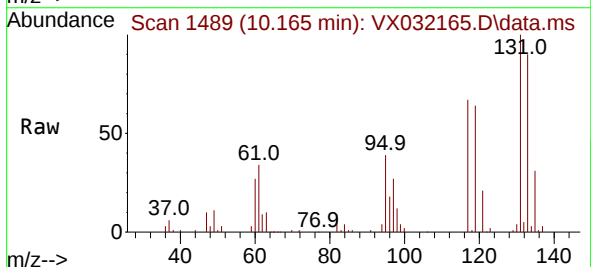
Manual Integrations
APPROVED

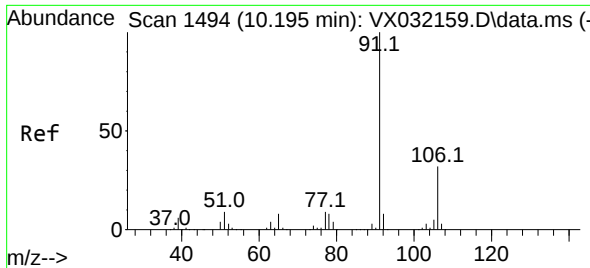
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.916 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Tgt Ion:131 Resp: 31300
Ion Ratio Lower Upper
131 100
133 93.6 46.6 139.7
119 63.9 31.9 95.9





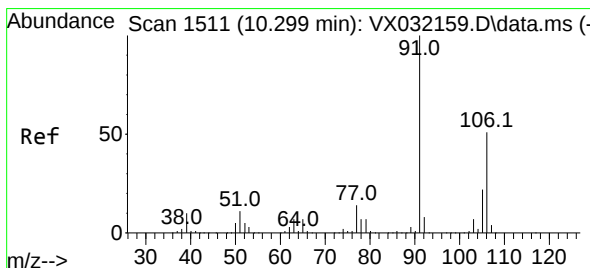
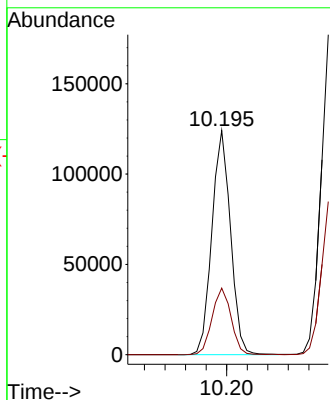
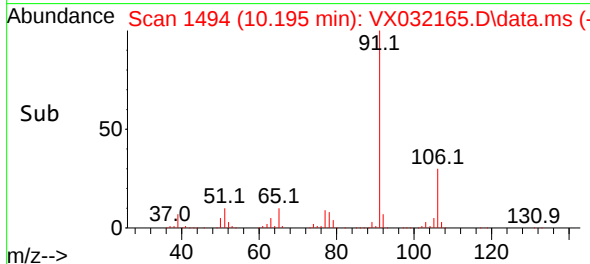
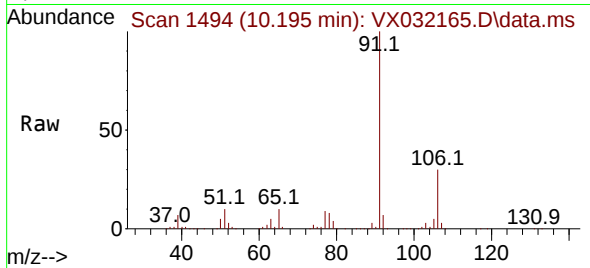
#67
Ethyl Benzene
Concen: 20.564 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 91 Resp: 15607
Ion Ratio Lower Upper
91 100
106 29.7 25.2 37.8

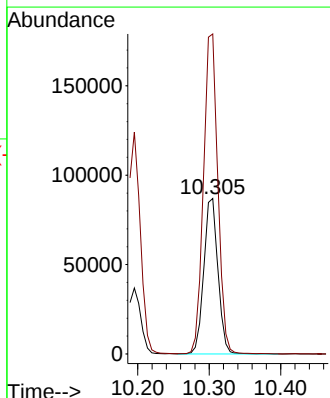
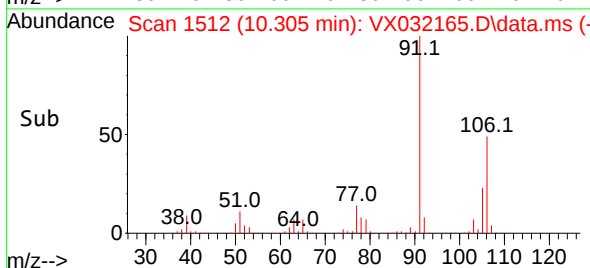
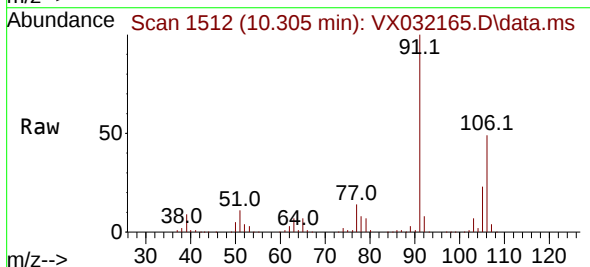
Manual Integrations
APPROVED

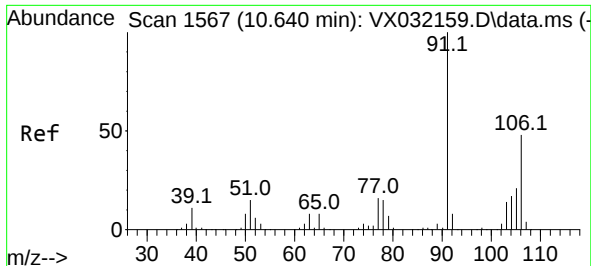
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#68
m/p-Xylenes
Concen: 41.107 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Tgt Ion:106 Resp: 119638
Ion Ratio Lower Upper
106 100
91 209.6 161.0 241.4





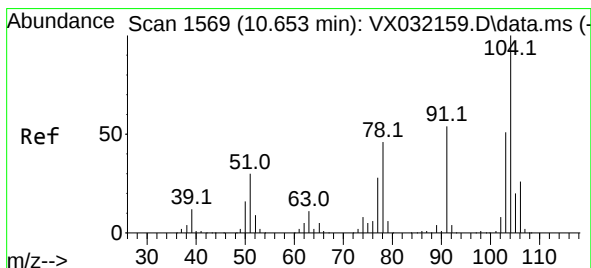
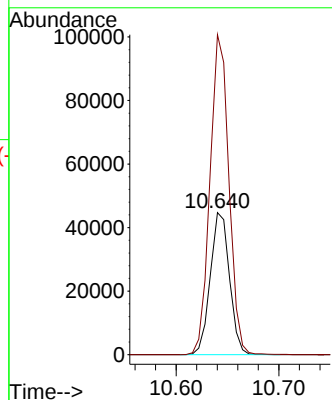
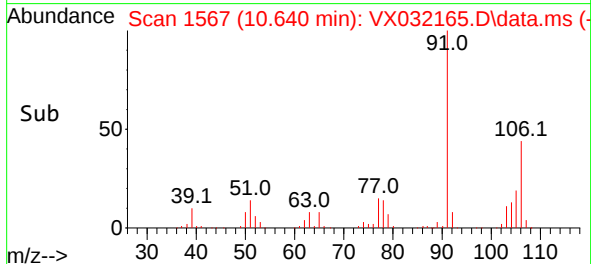
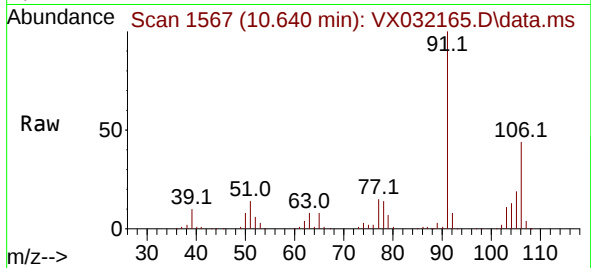
#69
o-Xylene
Concen: 20.320 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion:106 Resp: 5819
Ion Ratio Lower Upper
106 100
91 221.9 107.2 321.6

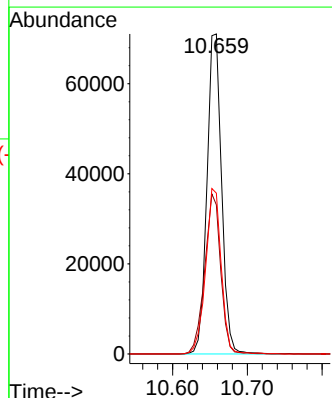
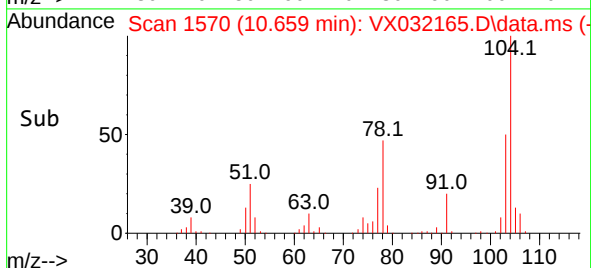
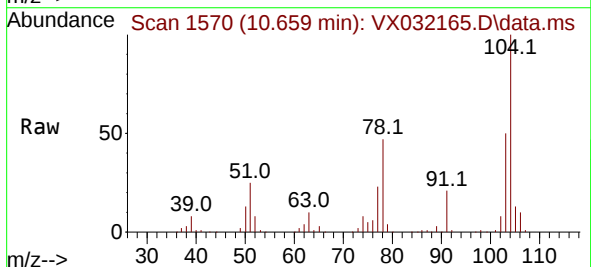
Manual Integrations
APPROVED

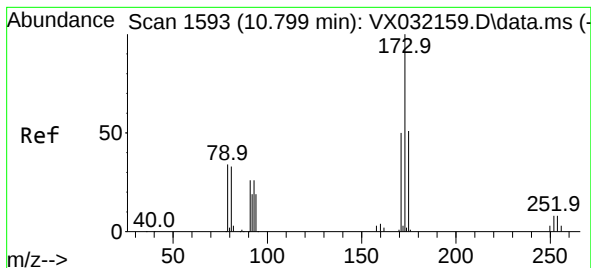
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#70
Styrene
Concen: 20.846 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Tgt Ion:104 Resp: 96474
Ion Ratio Lower Upper
104 100
78 54.7 41.4 62.2
103 55.1 43.8 65.8





#71

Bromoform

Concen: 19.715 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

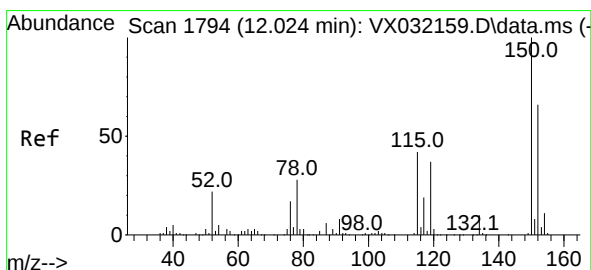
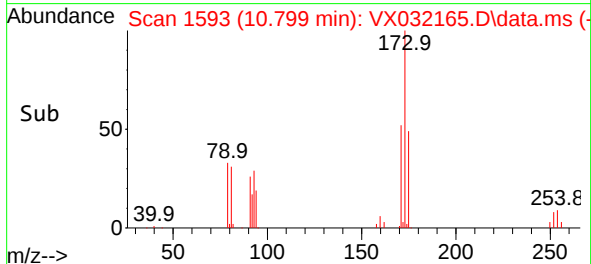
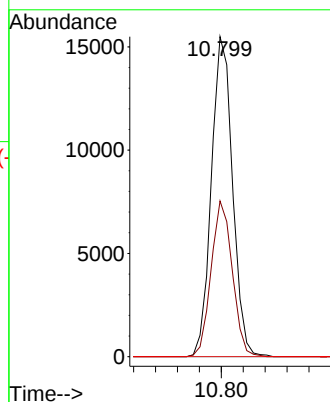
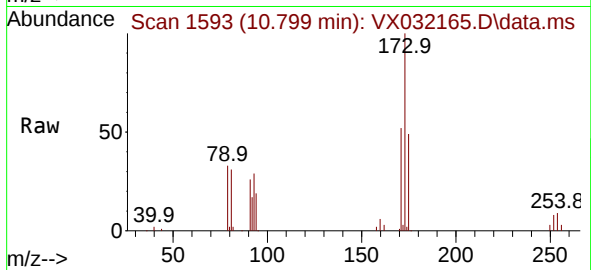
Tgt Ion:173	Resp:	2075
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.0 72.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

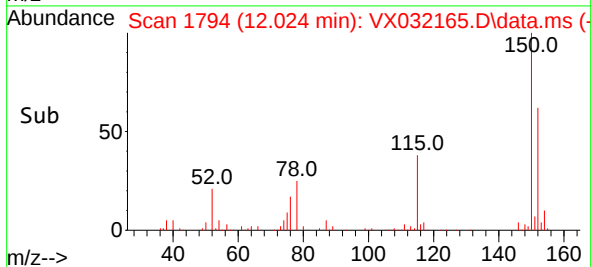
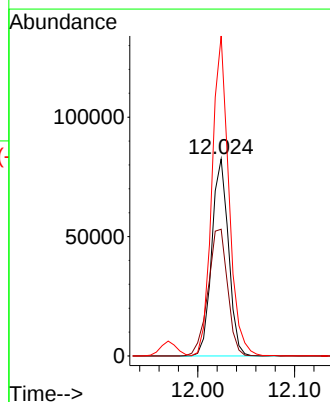
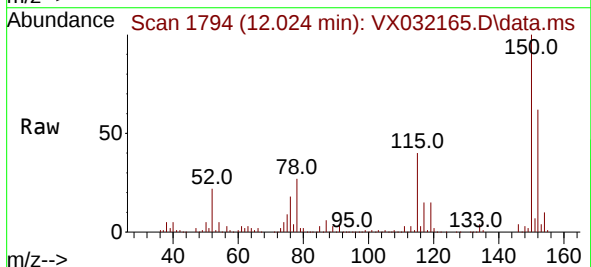
RT: 12.024 min Scan# 1794

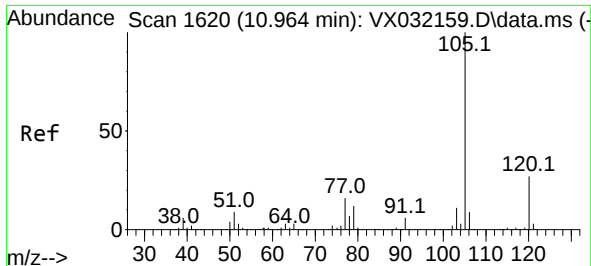
Delta R.T. 0.000 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Tgt Ion:152	Resp:	98826
Ion Ratio	Lower	Upper
152	100	
115	75.3	43.4 130.1
150	164.2	0.0 346.8





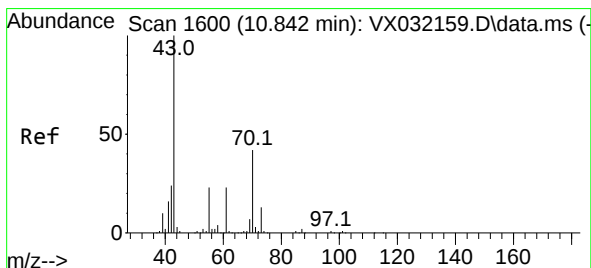
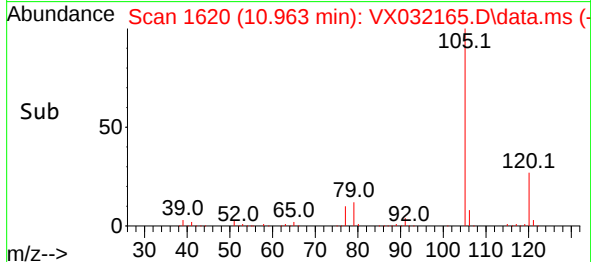
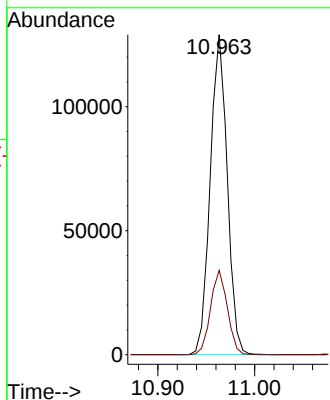
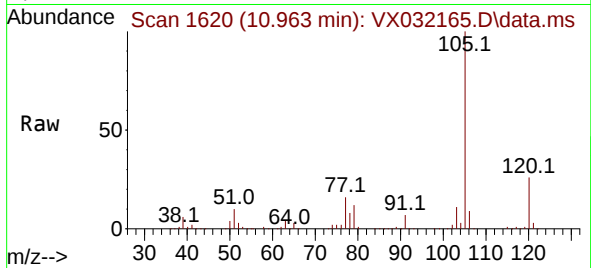
#73
Isopropylbenzene
Concen: 21.122 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion:105 Resp: 15783
Ion Ratio Lower Upper
105 100
120 26.0 13.7 41.0

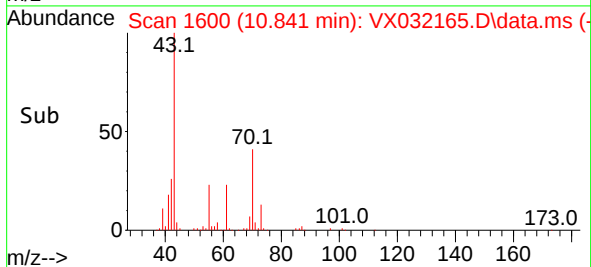
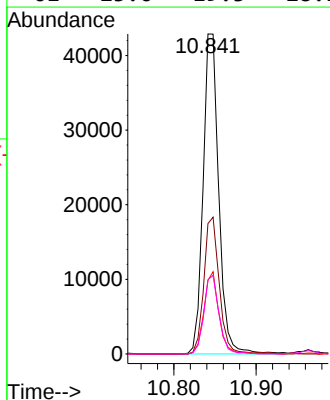
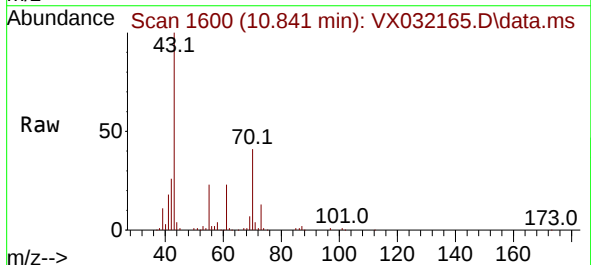
Manual Integrations
APPROVED

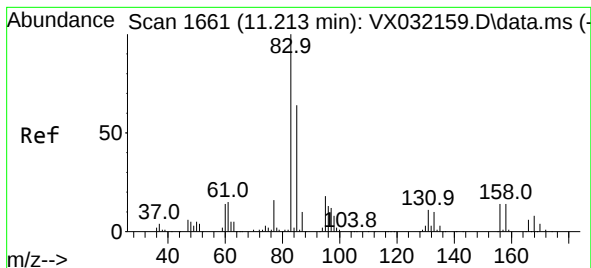
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#74
N-ethyl acetate
Concen: 21.675 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Tgt Ion: 43 Resp: 56702
Ion Ratio Lower Upper
43 100
70 42.2 33.4 50.2
55 24.5 18.2 27.2
61 23.6 19.3 28.9





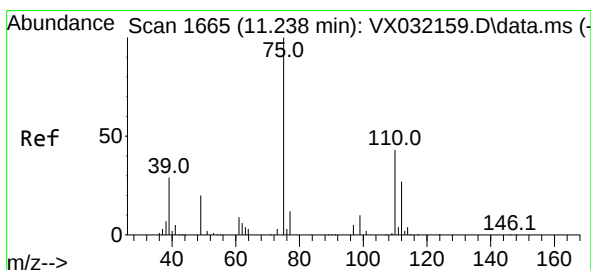
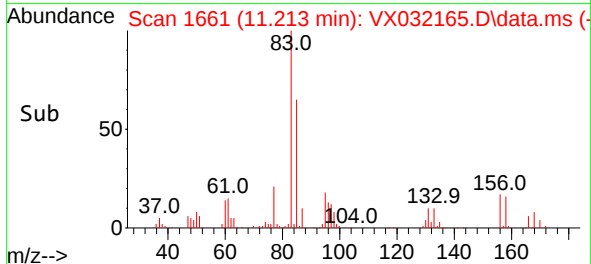
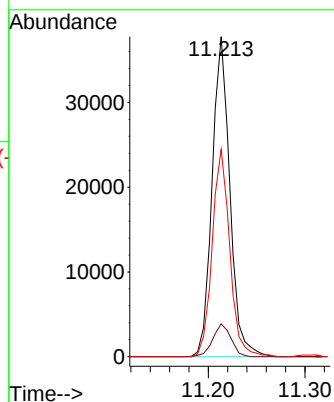
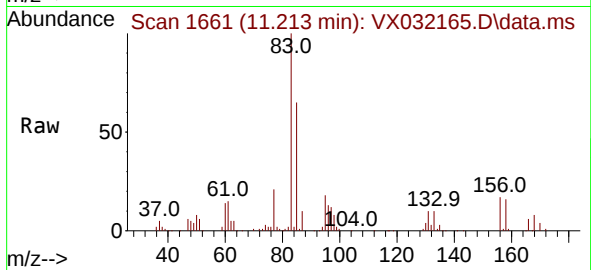
#75
1,1,2,2-Tetrachloroethane
Concen: 20.117 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 83 Resp: 4819
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.4
85 64.0 32.6 97.8

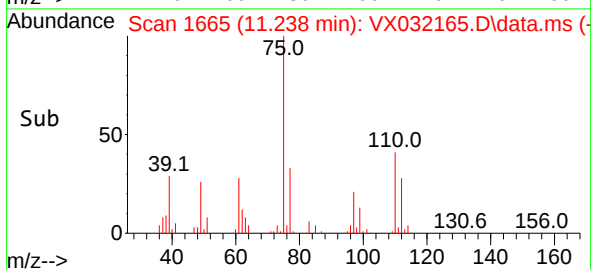
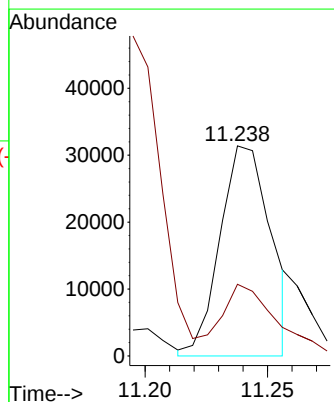
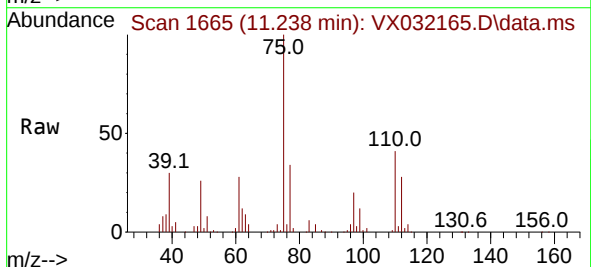
Manual Integrations
APPROVED

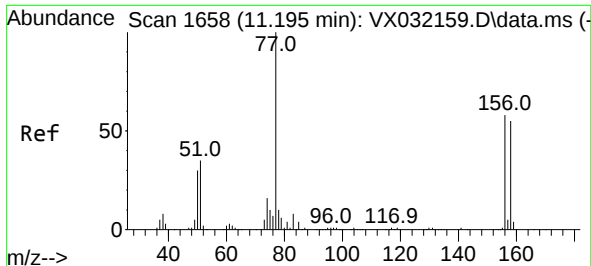
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#76
1,2,3-Trichloropropane
Concen: 21.130 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

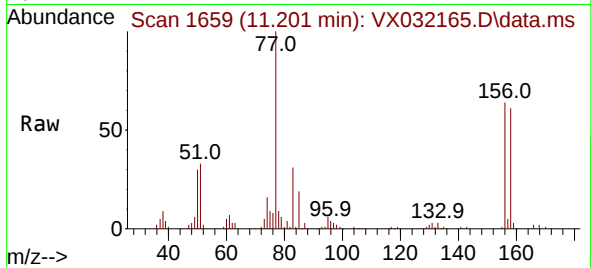
Tgt Ion: 75 Resp: 45278
Ion Ratio Lower Upper
75 100
77 38.2 20.3 60.9





#77
Bromobenzene
Concen: 19.953 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

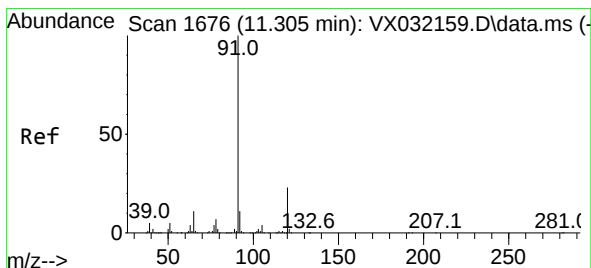
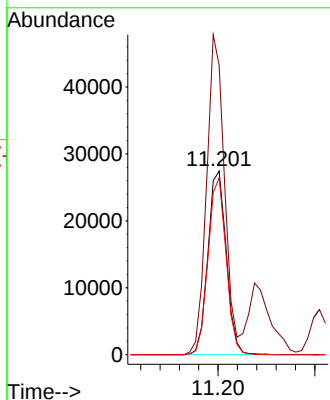
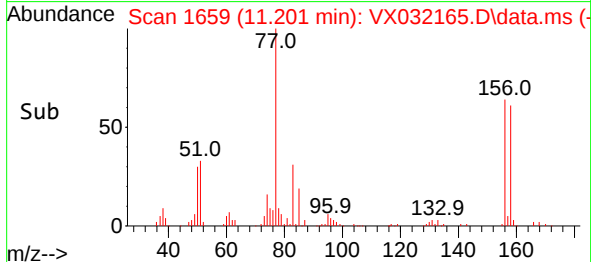
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



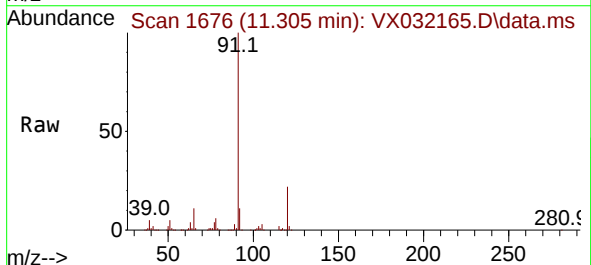
Tgt Ion:156 Resp: 36294
Ion Ratio Lower Upper
156 100
77 168.2 79.5 238.6
158 94.3 48.4 145.3

Manual Integrations
APPROVED

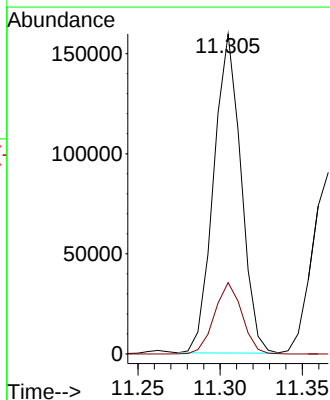
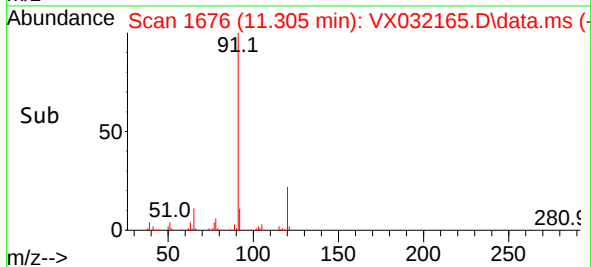
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

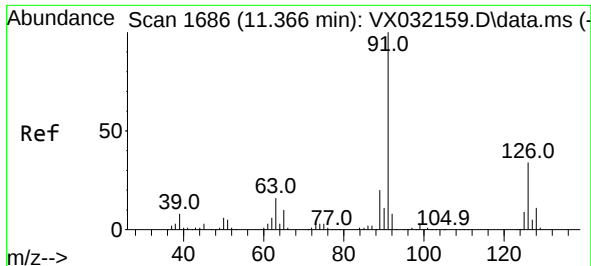


#78
n-propylbenzene
Concen: 20.536 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46



Tgt Ion: 91 Resp: 183884
Ion Ratio Lower Upper
91 100
120 22.5 11.8 35.4





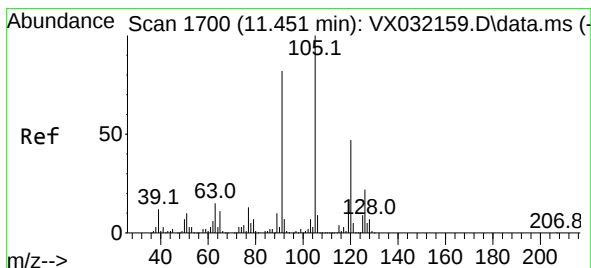
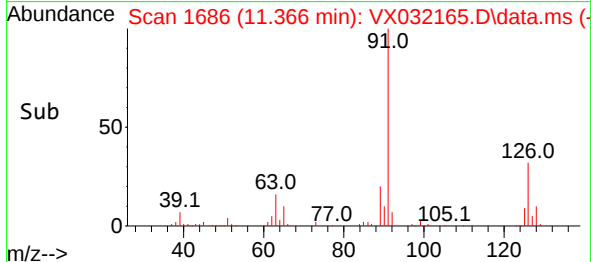
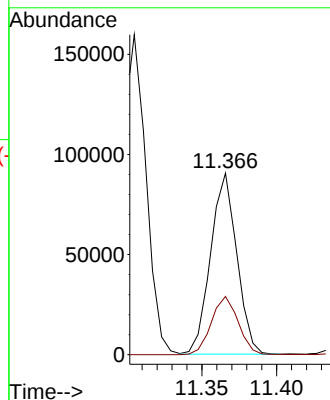
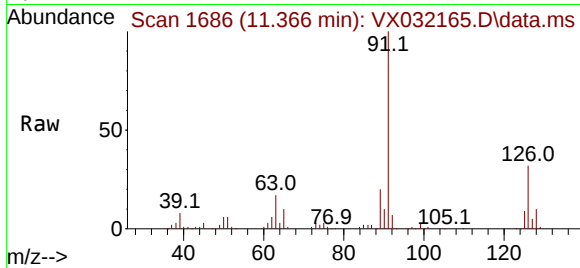
#79
2-Chlorotoluene
Concen: 19.924 ug/l
RT: 11.366 min Scan# 110200
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01

Tgt Ion: 91 Resp: 110200
Ion Ratio Lower Upper
91 100
126 33.0 17.4 52.3

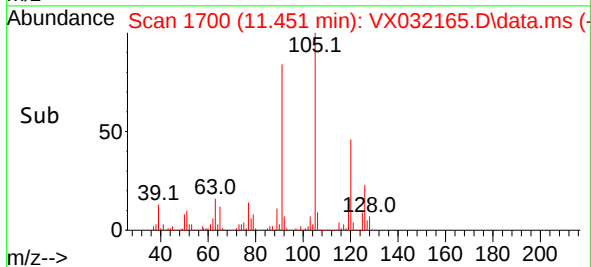
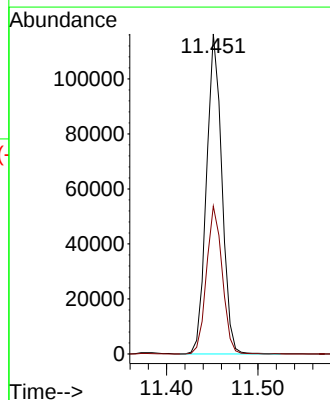
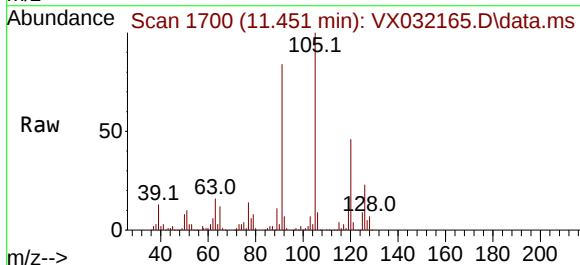
Manual Integrations
APPROVED

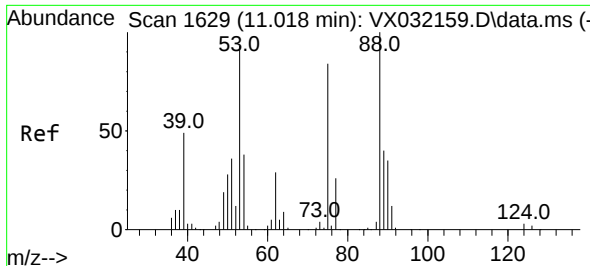
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.547 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

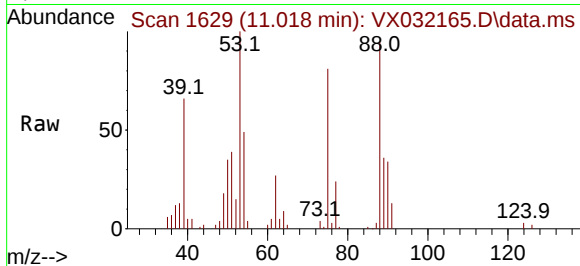
Tgt Ion:105 Resp: 135516
Ion Ratio Lower Upper
105 100
120 47.2 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.886 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

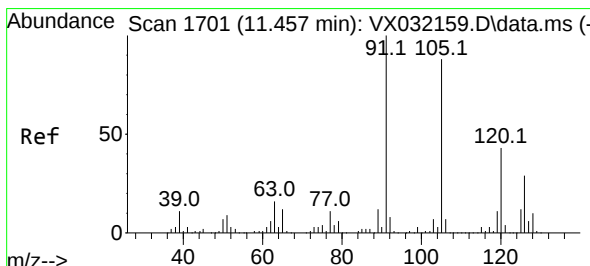
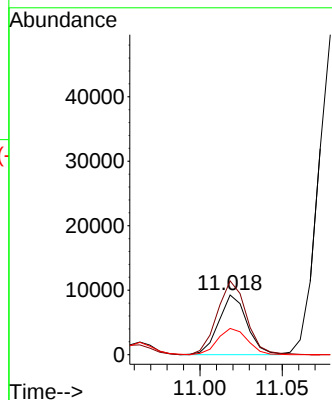
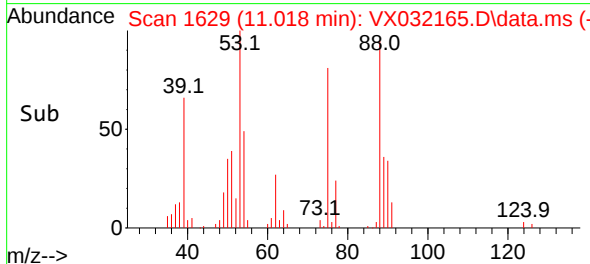
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



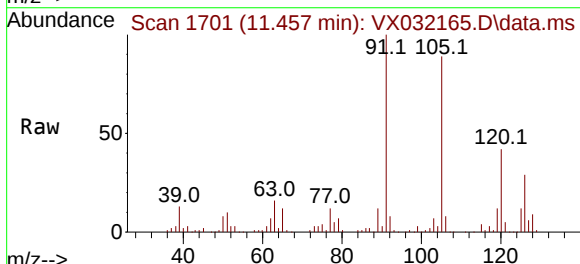
Tgt Ion: 75 Resp: 11069
Ion Ratio Lower Upper
75 100
53 128.0 77.6 116.4
89 46.4 37.4 56.0

Manual Integrations
APPROVED

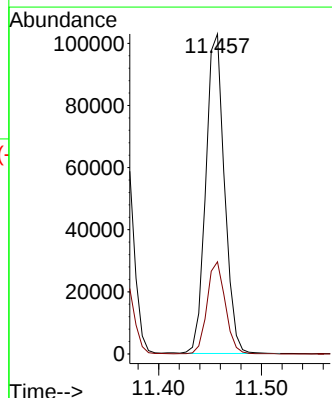
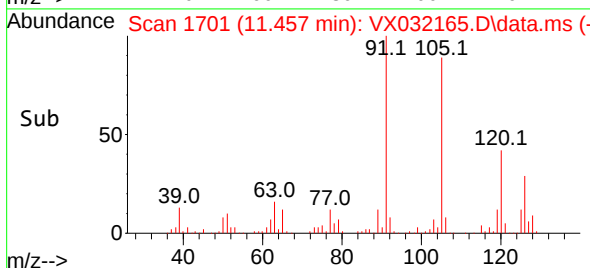
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

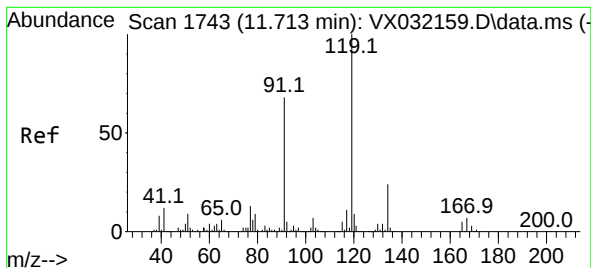


#82
4-Chlorotoluene
Concen: 20.155 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46



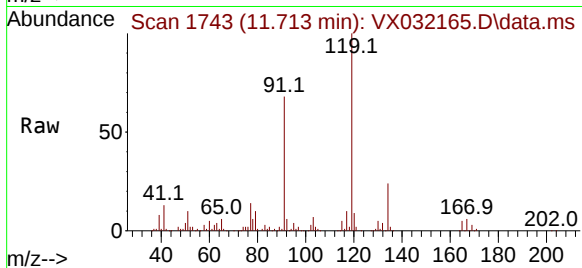
Tgt Ion: 91 Resp: 129911
Ion Ratio Lower Upper
91 100
126 28.4 15.1 45.3





#83
tert-Butylbenzene
Concen: 20.235 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

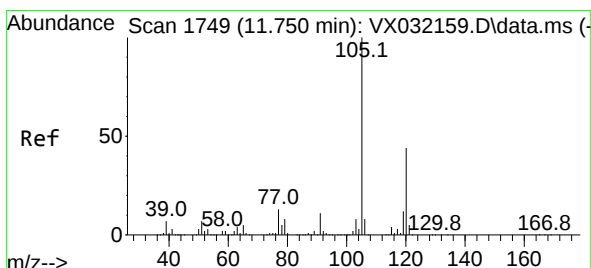
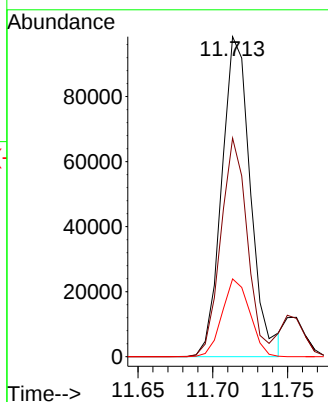
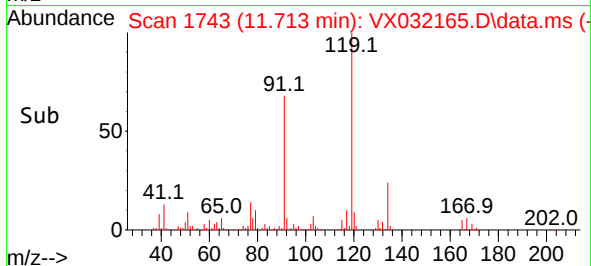
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion:119 Resp: 131288
Ion Ratio Lower Upper
119 100
91 63.4 29.2 87.6
134 23.5 11.6 34.8

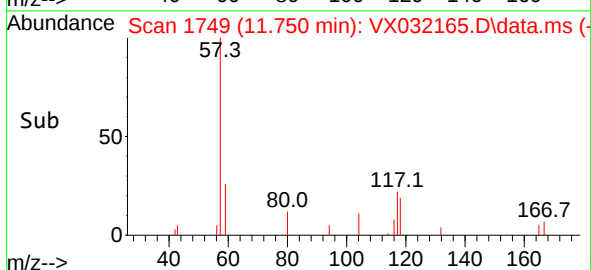
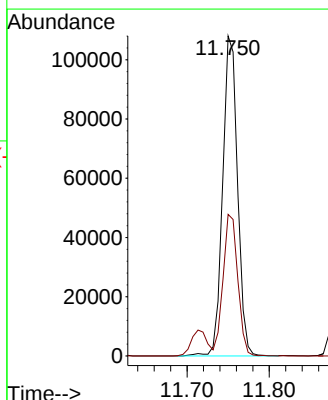
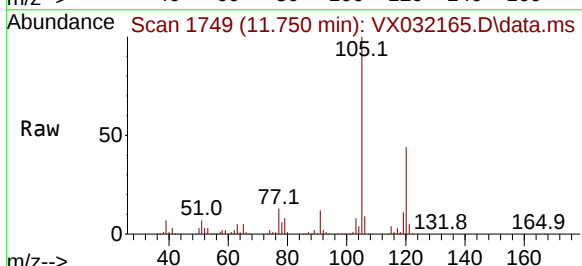
Manual Integrations
APPROVED

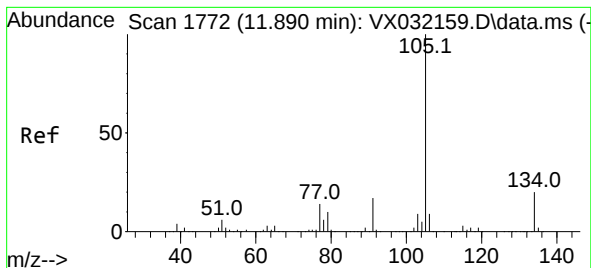
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.415 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

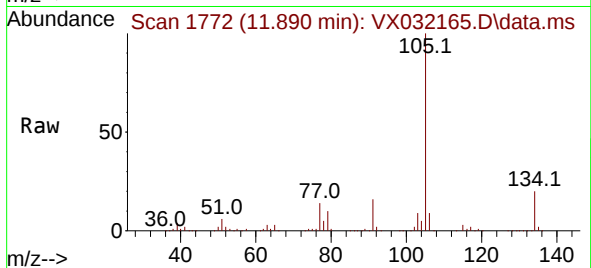
Tgt Ion:105 Resp: 135490
Ion Ratio Lower Upper
105 100
120 43.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 20.322 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032165.D
 Acq: 17 Oct 2022 19:46

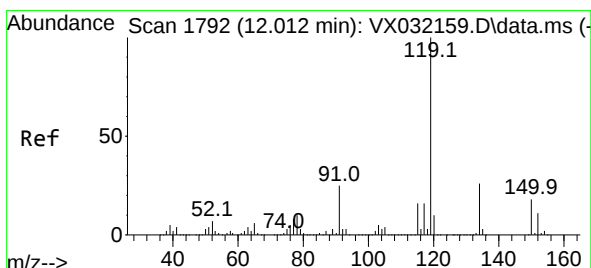
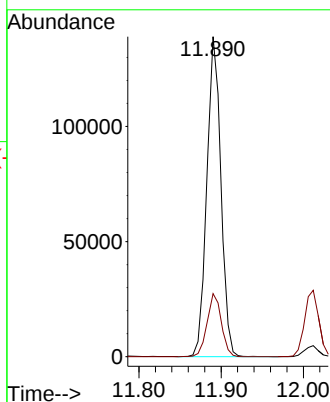
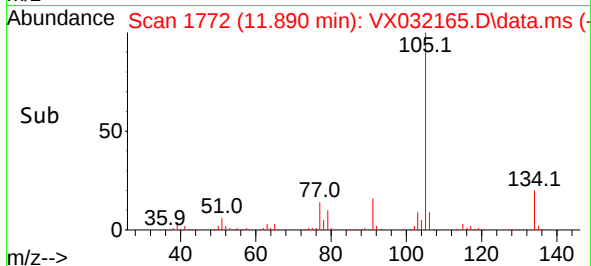
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBSD01



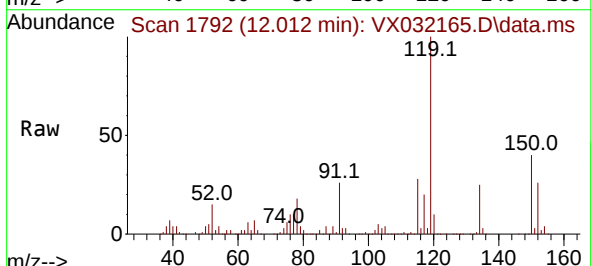
Tgt Ion:105 Resp: 16501
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.1

Manual Integrations
 APPROVED

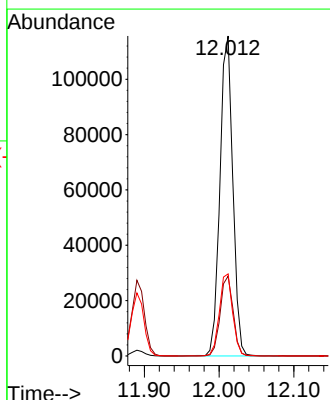
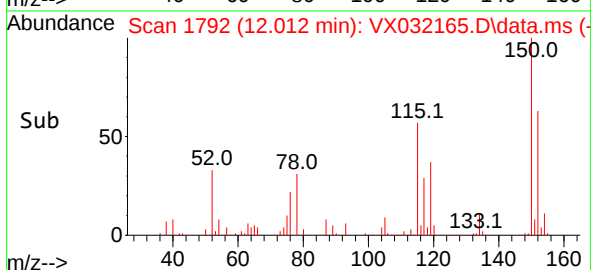
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

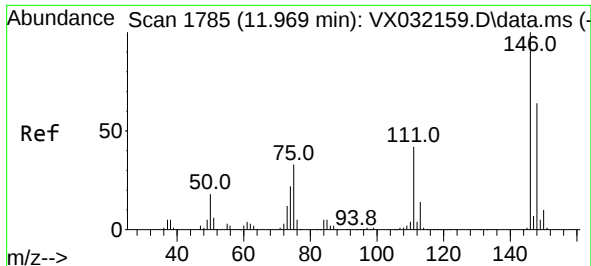


#86
 p-Isopropyltoluene
 Concen: 20.491 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032165.D
 Acq: 17 Oct 2022 19:46



Tgt Ion:119 Resp: 138508
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.4 40.2
 91 26.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.639 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion:146 Resp: 69039

Ion Ratio Lower Upper

146 100

111 43.5 19.8 59.4

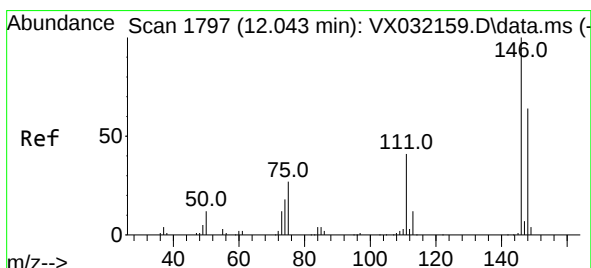
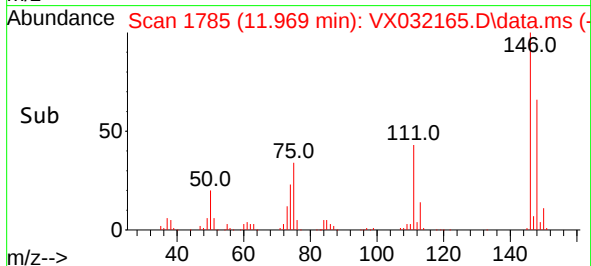
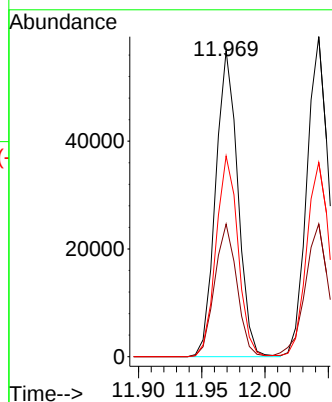
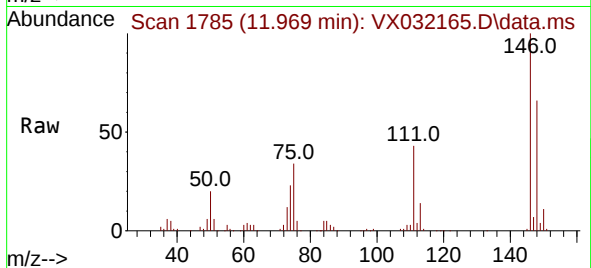
148 65.2 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#88

1,4-Dichlorobenzene

Concen: 19.818 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

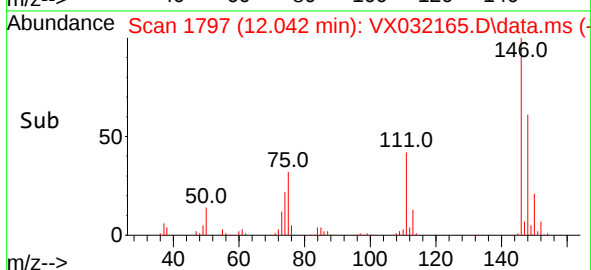
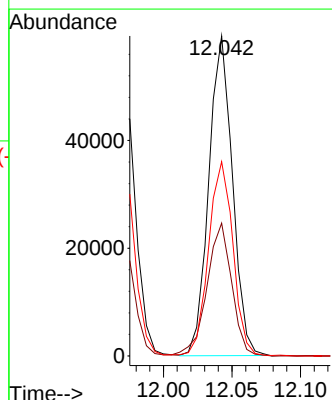
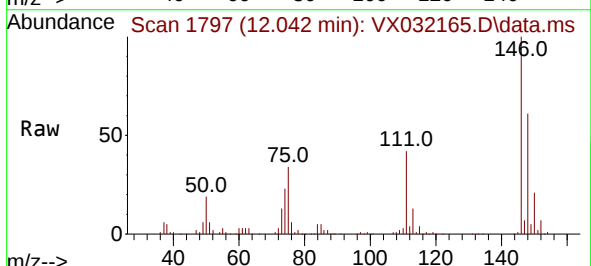
Tgt Ion:146 Resp: 71147

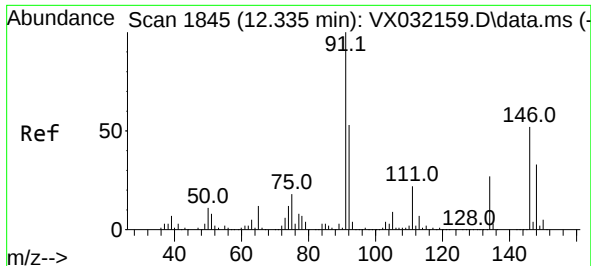
Ion Ratio Lower Upper

146 100

111 43.6 20.5 61.5

148 62.9 32.0 96.2





#89

n-Butylbenzene

Concen: 21.599 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

Tgt Ion: 91 Resp: 120372

Ion Ratio Lower Upper

91 100

92 53.5 27.0 81.0

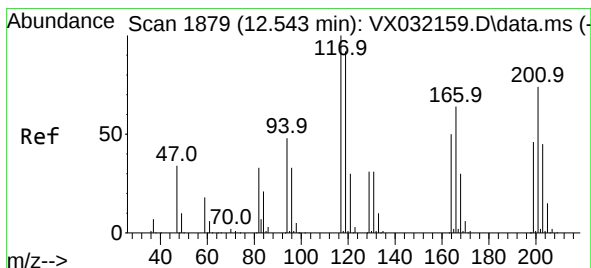
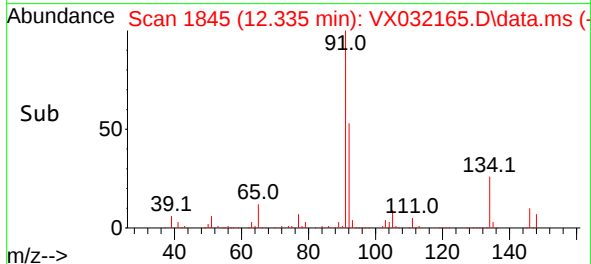
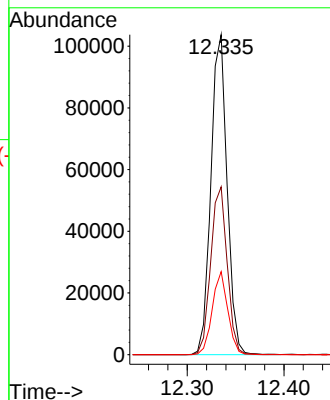
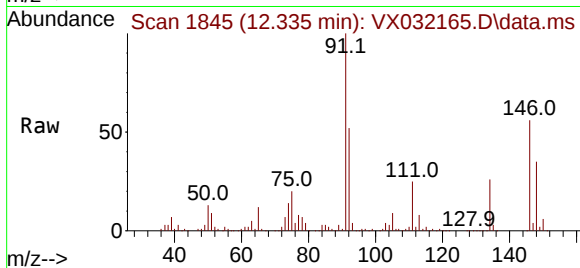
134 24.9 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#90

Hexachloroethane

Concen: 21.938 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. -0.001 min

Lab File: VX032165.D

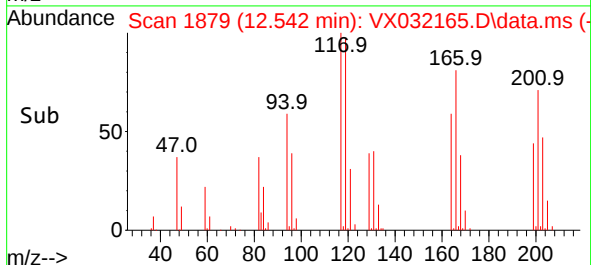
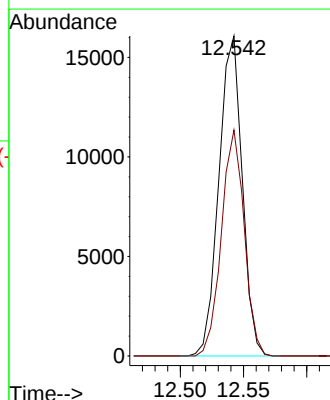
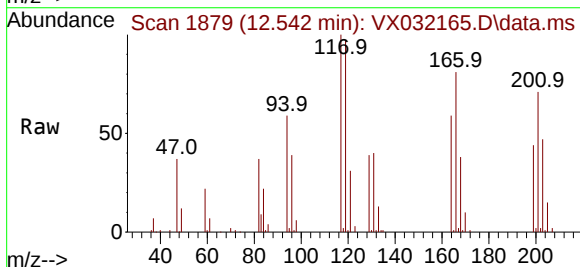
Acq: 17 Oct 2022 19:46

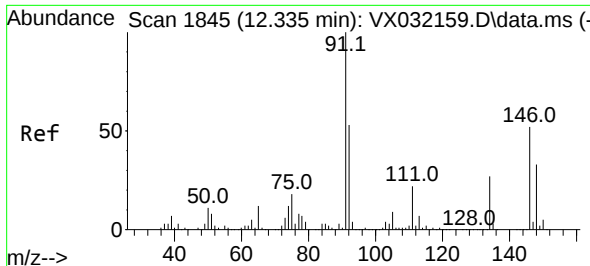
Tgt Ion:117 Resp: 20578

Ion Ratio Lower Upper

117 100

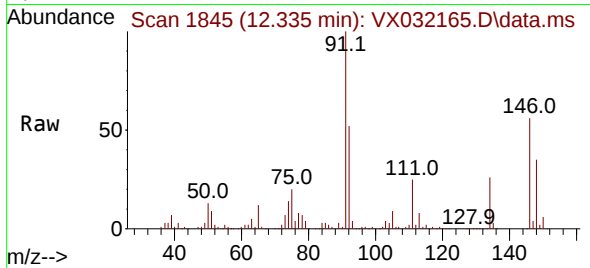
201 69.0 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 21.056 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

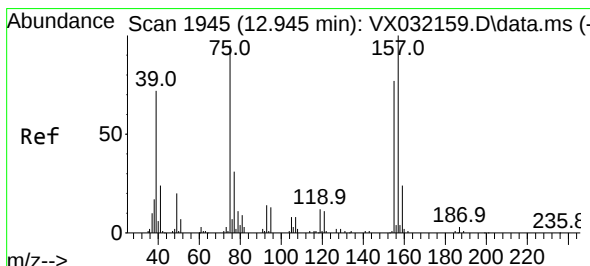
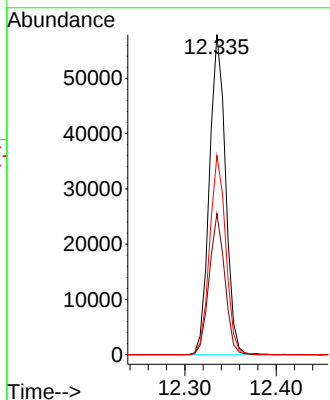
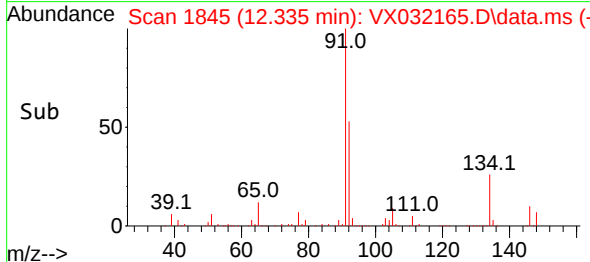
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



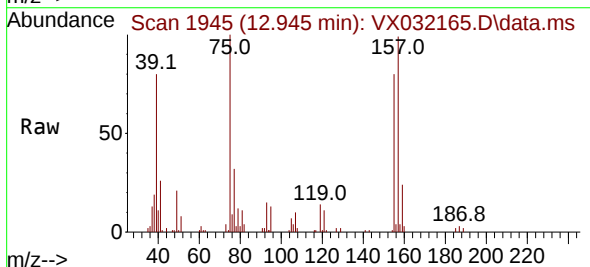
Tgt Ion:146 Resp: 70732
Ion Ratio Lower Upper
146 100
111 42.5 20.6 61.8
148 62.4 31.6 95.0

Manual Integrations
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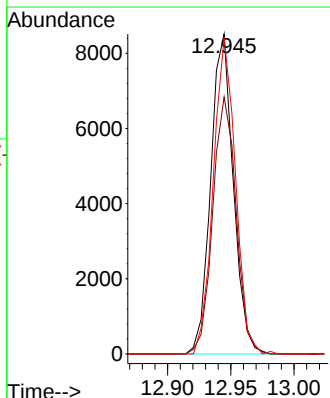
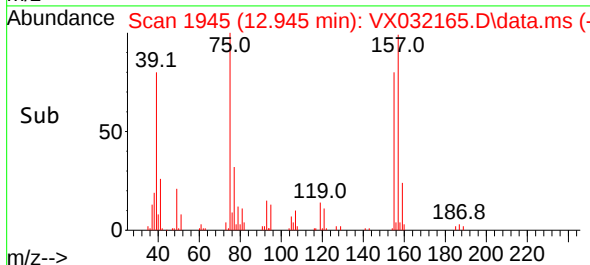
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

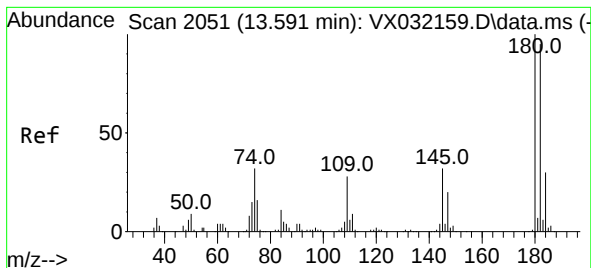


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.227 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46



Tgt Ion: 75 Resp: 10541
Ion Ratio Lower Upper
75 100
155 83.0 40.3 120.8
157 97.0 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 18.004 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBSD01

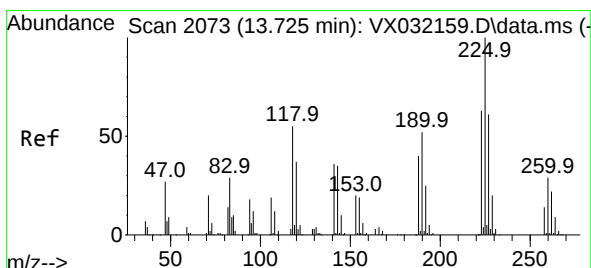
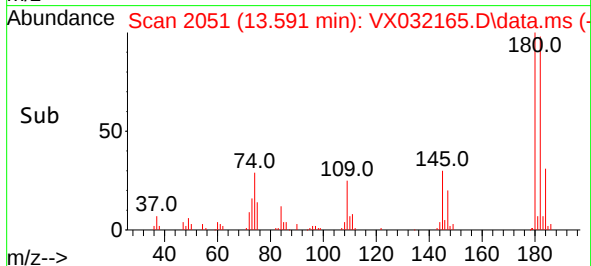
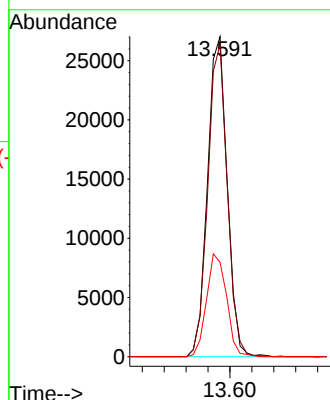
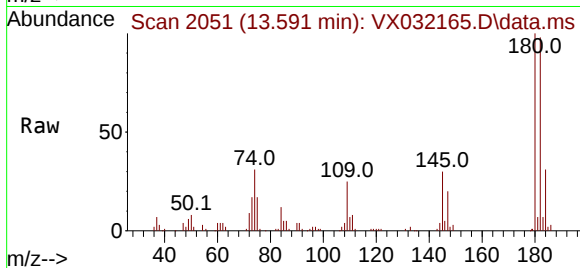
Tgt Ion:180	Resp:	3359
Ion Ratio	Lower	Upper
180	100	
182	96.7	46.9 140.6
145	32.7	16.7 50.1

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#94

Hexachlorobutadiene

Concen: 18.169 ug/l

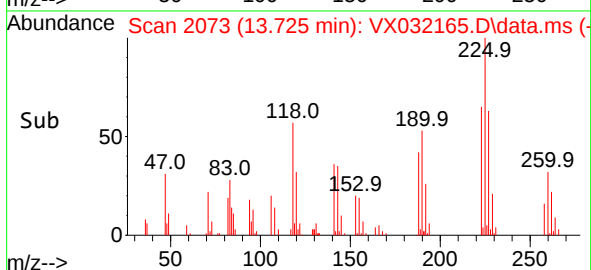
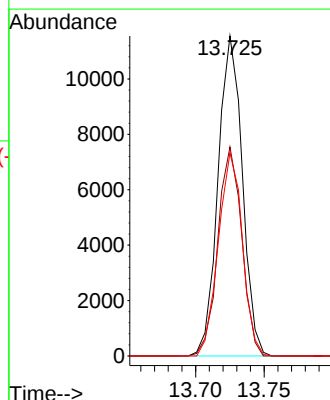
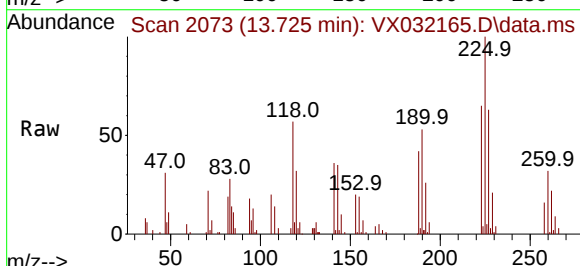
RT: 13.725 min Scan# 2073

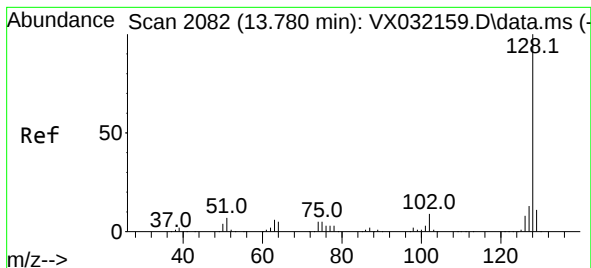
Delta R.T. 0.000 min

Lab File: VX032165.D

Acq: 17 Oct 2022 19:46

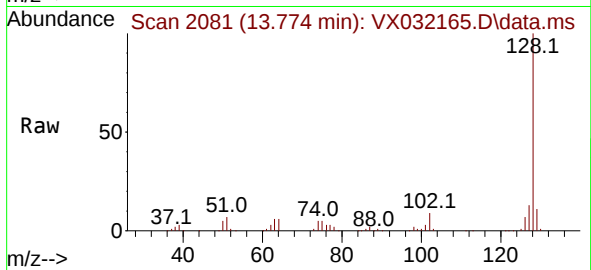
Tgt Ion:225	Resp:	14207
Ion Ratio	Lower	Upper
225	100	
223	64.0	30.8 92.4
227	62.8	32.3 96.9





#95
Naphthalene
Concen: 19.277 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

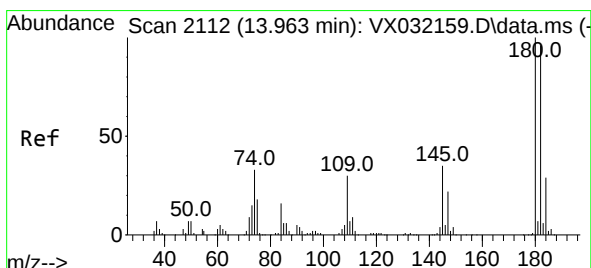
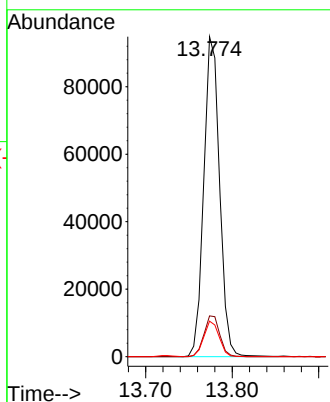
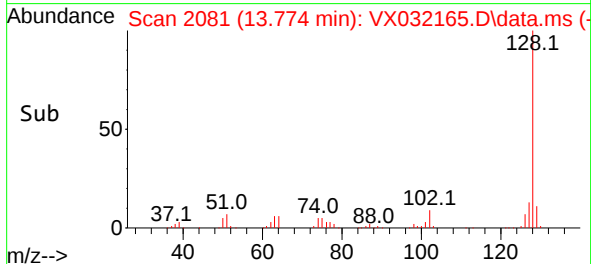
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBSD01



Tgt Ion:128 Resp: 120190
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.667 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032165.D
Acq: 17 Oct 2022 19:46

Tgt Ion:180 Resp: 32998
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.8
145 34.1 17.6 52.8

