

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028698.D
 Acq On : 13 May 2022 23:52
 Operator : JC/MD
 Sample : VX0513WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBSD02

Quant Time: May 16 02:29:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	195611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	337923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136462	50.893	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.780%			
35) Dibromofluoromethane	5.391	113	109341	49.386	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.780%			
50) Toluene-d8	8.653	98	410836	49.218	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.440%			
62) 4-Bromofluorobenzene	11.079	95	145704	46.733	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49939	19.497	ug/l	99
3) Chloromethane	1.288	50	47107	19.529	ug/l	98
4) Vinyl Chloride	1.374	62	50859	19.565	ug/l	98
5) Bromomethane	1.605	94	42390	19.708	ug/l	99
6) Chloroethane	1.685	64	34026	19.434	ug/l	98
7) Trichlorofluoromethane	1.886	101	78443	18.927	ug/l	97
8) Diethyl Ether	2.136	74	29172	19.317	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	40444	18.544	ug/l	95
10) Methyl Iodide	2.453	142	45303	17.350	ug/l	97
11) Tert butyl alcohol	2.965	59	61385	103.188	ug/l	95
12) 1,1-Dichloroethene	2.319	96	39425	19.474	ug/l	97
13) Acrolein	2.233	56	48132	109.362	ug/l	97
14) Allyl chloride	2.666	41	59874	18.440	ug/l	89
15) Acrylonitrile	3.062	53	127398	98.613	ug/l	98
16) Acetone	2.380	43	112919	98.124	ug/l	92
17) Carbon Disulfide	2.514	76	95261	18.152	ug/l	99
18) Methyl Acetate	2.703	43	56550	19.620	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	139571	19.428	ug/l	99
20) Methylene Chloride	2.788	84	45338	18.779	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	43864	19.235	ug/l	98
22) Diisopropyl ether	3.763	45	137335	19.792	ug/l #	88
23) Vinyl Acetate	3.727	43	593315	99.187	ug/l	95
24) 1,1-Dichloroethane	3.611	63	79145	19.620	ug/l	98
25) 2-Butanone	4.556	43	176841	97.900	ug/l	97
26) 2,2-Dichloropropane	4.483	77	48070	15.198	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	51002	19.150	ug/l	98
28) Bromochloromethane	4.903	49	29623	17.446	ug/l	91
29) Tetrahydrofuran	5.007	42	116044	98.832	ug/l	92
30) Chloroform	5.099	83	86031	19.706	ug/l	100
31) Cyclohexane	5.477	56	70613	18.972	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	72728	19.082	ug/l	97
36) 1,1-Dichloropropene	5.696	75	61477	18.487	ug/l	100
37) Ethyl Acetate	4.715	43	67754	19.507	ug/l	97
38) Carbon Tetrachloride	5.684	117	62488	18.672	ug/l	95
39) Methylcyclohexane	7.385	83	68542	17.973	ug/l	96
40) Benzene	6.044	78	182883	19.136	ug/l	99

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Quant Time: May 16 02:29:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35170	18.885	ug/l	93
42) 1,2-Dichloroethane	6.092	62	68586	19.456	ug/l	98
43) Isopropyl Acetate	6.342	43	100933	18.575	ug/l	94
44) Trichloroethene	7.129	130	48097	18.556	ug/l	97
45) 1,2-Dichloropropane	7.434	63	45398	19.039	ug/l	99
46) Dibromomethane	7.586	93	33521	18.824	ug/l	92
47) Bromodichloromethane	7.824	83	61248	18.526	ug/l	95
48) Methyl methacrylate	7.696	41	49769	18.960	ug/l	87
49) 1,4-Dioxane	7.671	88	25124	383.126	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	346026	96.676	ug/l	93
52) Toluene	8.720	92	117221	19.067	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	57796	16.329	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	66960	18.000	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	48420	19.314	ug/l	98
56) Ethyl methacrylate	9.116	69	71030	18.710	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	79788	18.870	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	155848	83.850	ug/l	100
59) 2-Hexanone	9.433	43	268317	96.489	ug/l	90
60) Dibromochloromethane	9.525	129	44609	18.245	ug/l	96
61) 1,2-Dibromoethane	9.610	107	50563	19.203	ug/l	100
64) Tetrachloroethene	9.275	164	43240	18.791	ug/l	94
65) Chlorobenzene	10.079	112	122777	18.993	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	43785	19.120	ug/l	98
67) Ethyl Benzene	10.195	91	221802	19.143	ug/l	100
68) m/p-Xylenes	10.305	106	171285	37.970	ug/l	98
69) o-Xylene	10.646	106	83141	18.720	ug/l	97
70) Styrene	10.659	104	137908	19.120	ug/l	98
71) Bromoform	10.799	173	29244	16.690	ug/l #	97
73) Isopropylbenzene	10.963	105	219238	19.912	ug/l	99
74) N-amyl acetate	10.848	43	85175	19.680	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	75586	20.011	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	65616m	19.298	ug/l	
77) Bromobenzene	11.201	156	50867	19.526	ug/l	94
78) n-propylbenzene	11.305	91	247791	19.456	ug/l	100
79) 2-Chlorotoluene	11.366	91	150956	19.339	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	180060	19.627	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15548	16.456	ug/l #	75
82) 4-Chlorotoluene	11.457	91	174619	19.350	ug/l	100
83) tert-Butylbenzene	11.713	119	173825	19.569	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	180796	19.652	ug/l	100
85) sec-Butylbenzene	11.890	105	211370	19.291	ug/l	99
86) p-Isopropyltoluene	12.012	119	177697	19.327	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	97487	19.078	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	98607	18.605	ug/l	97
89) n-Butylbenzene	12.335	91	148609	18.655	ug/l	96
90) Hexachloroethane	12.542	117	26861	18.066	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	98567	19.636	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15740	19.516	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	55950	19.298	ug/l	98
94) Hexachlorobutadiene	13.725	225	21615	18.352	ug/l	96
95) Naphthalene	13.774	128	209423	20.299	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55356	19.010	ug/l	96

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ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

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

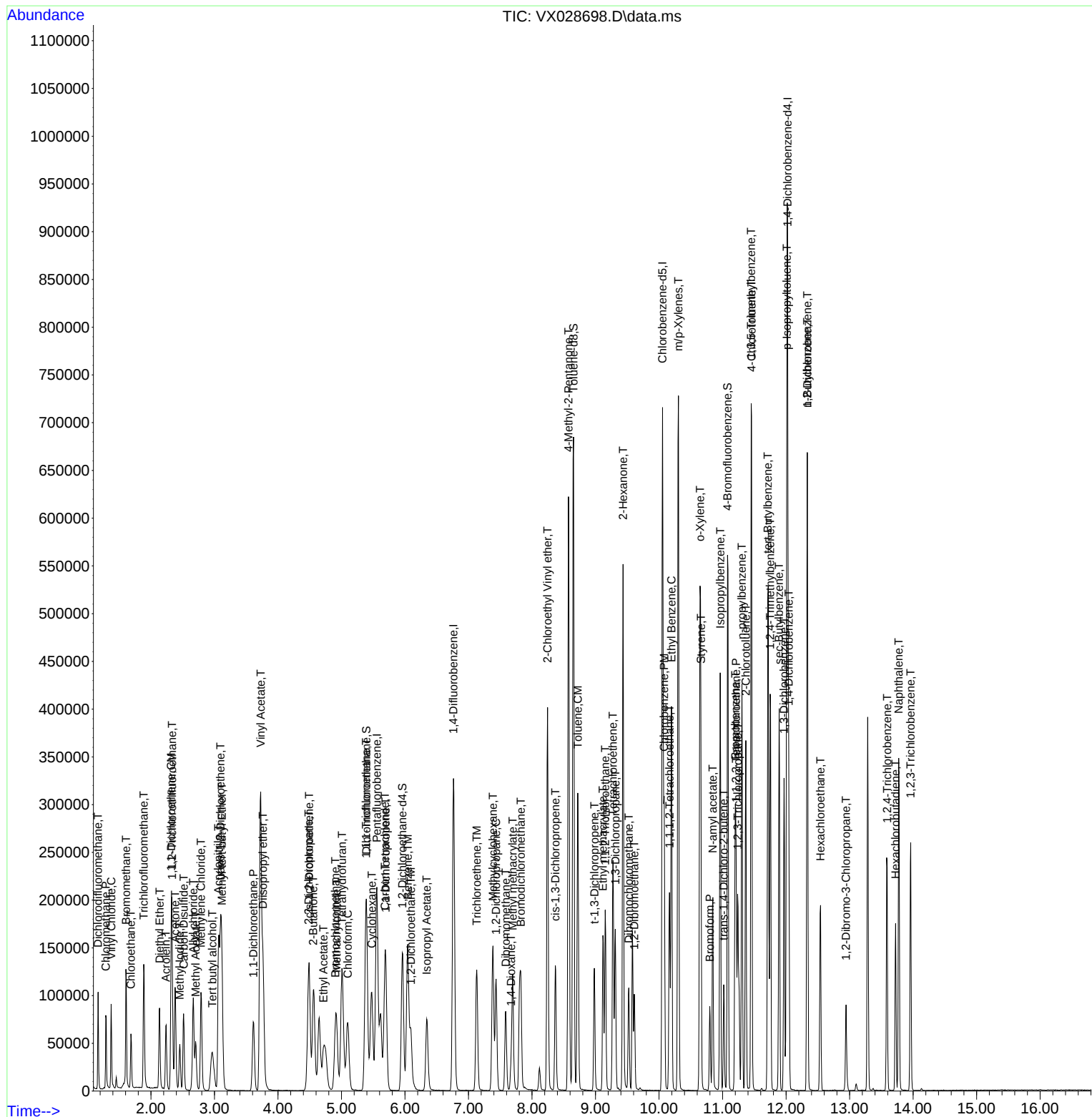
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Data File : VX028698.D
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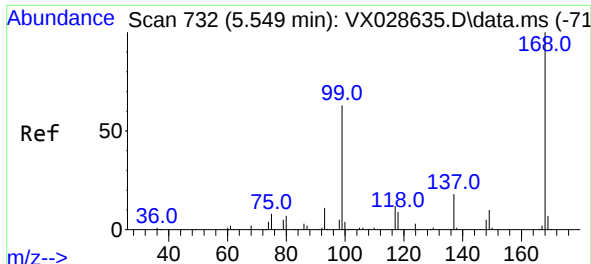
Instrument :
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Manual Integrations
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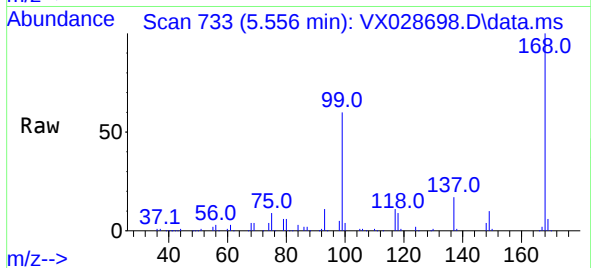
Quant Time: May 16 02:29:04 2022
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

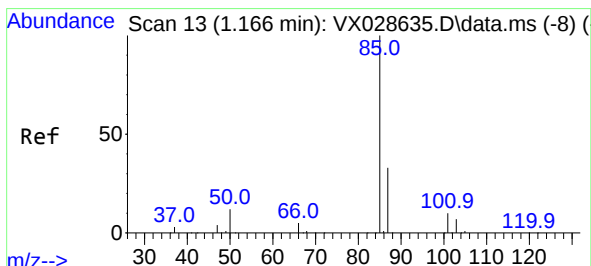
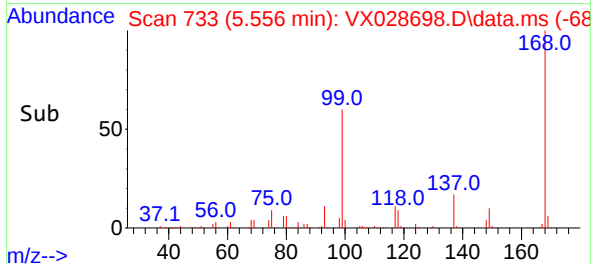
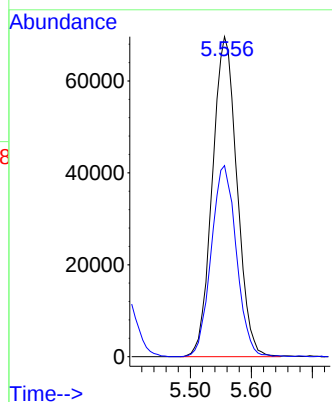
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



Tgt Ion:168 Resp: 19561
Ion Ratio Lower Upper
168 100
99 59.7 41.7 62.5

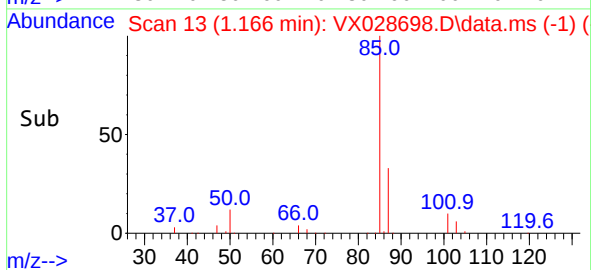
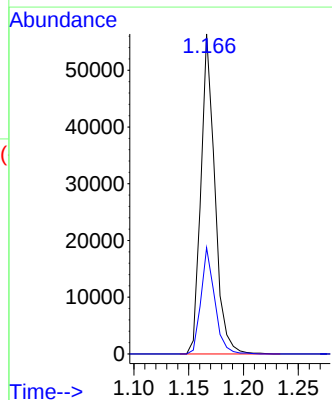
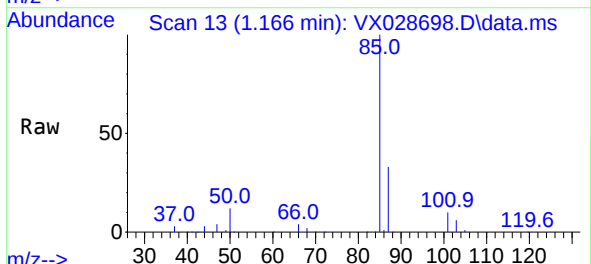
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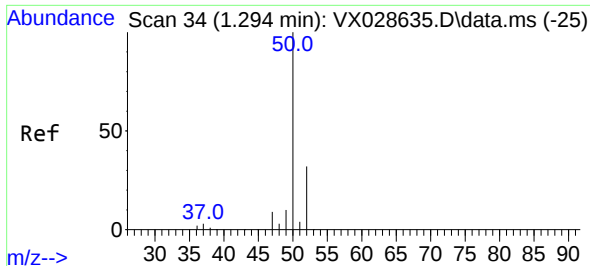
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#2
Dichlorodifluoromethane
Concen: 19.497 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

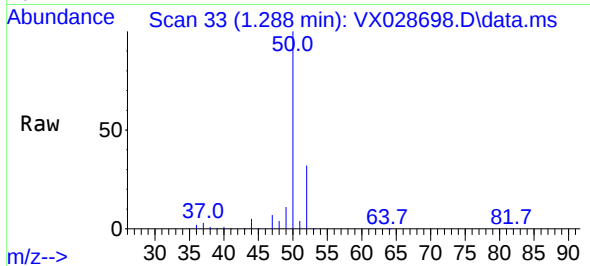
Tgt Ion: 85 Resp: 49939
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6





#3
Chloromethane
Concen: 19.529 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

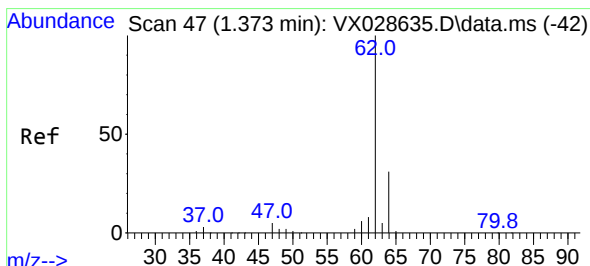
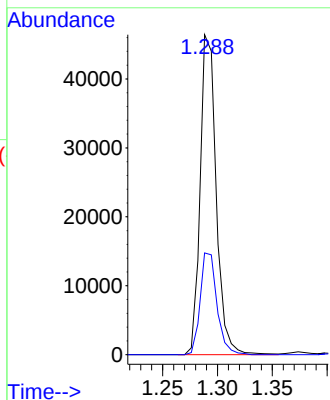
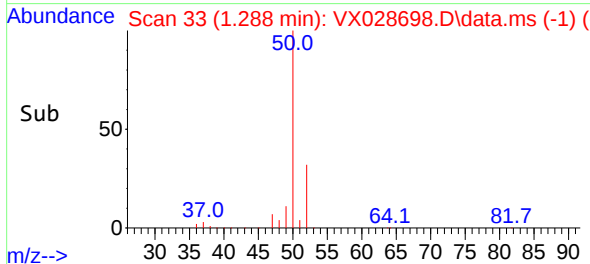
Instrument :
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ClientSampleId :
VX0513WBSD02



Tgt Ion: 50 Resp: 4710
Ion Ratio Lower Upper
50 100
52 31.8 26.4 39.6

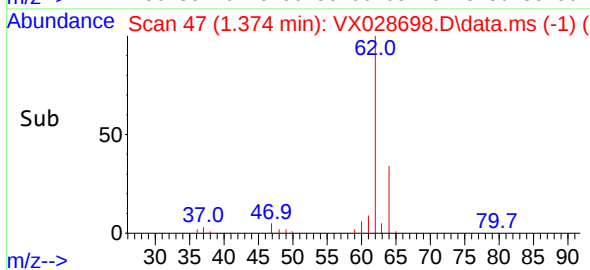
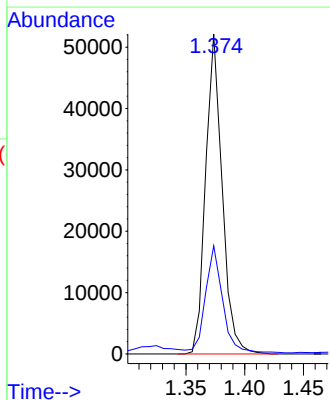
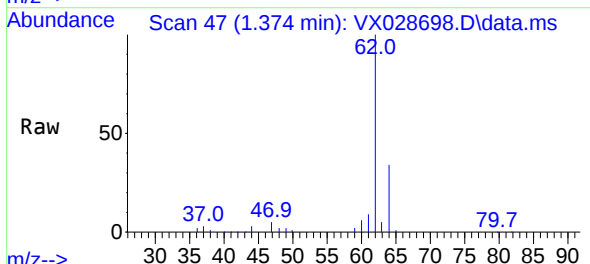
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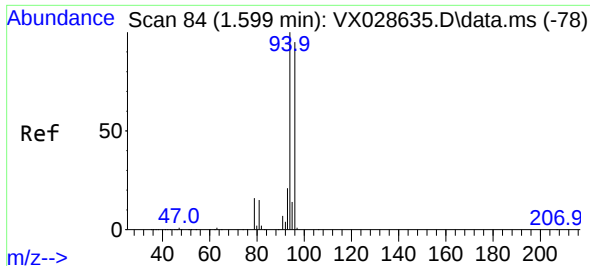
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#4
Vinyl Chloride
Concen: 19.565 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

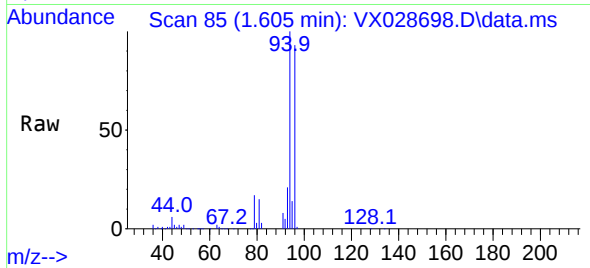
Tgt Ion: 62 Resp: 50859
Ion Ratio Lower Upper
62 100
64 33.3 25.5 38.3





#5
Bromomethane
Concen: 19.708 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

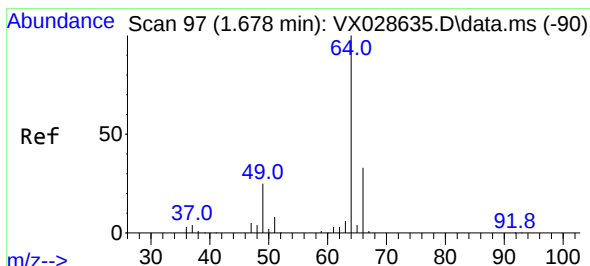
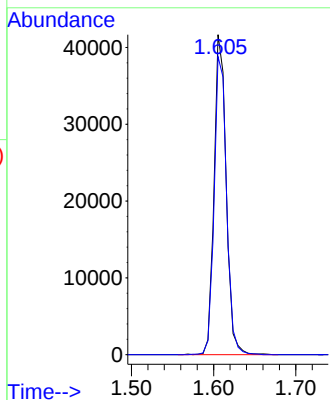
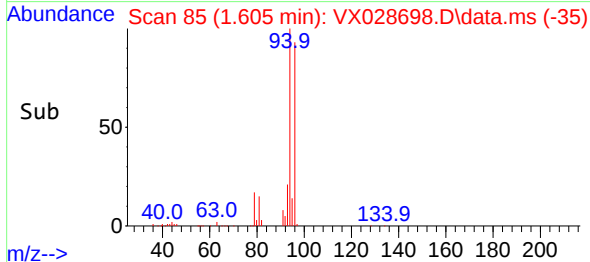
Instrument :
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Tgt Ion: 94 Resp: 42390
Ion Ratio Lower Upper
94 100
96 93.2 75.3 112.9

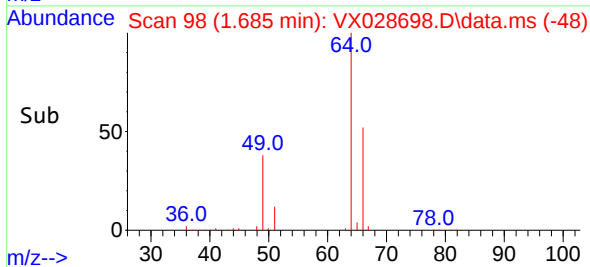
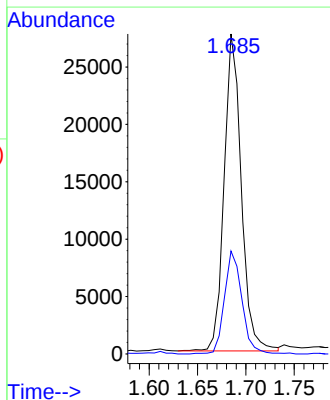
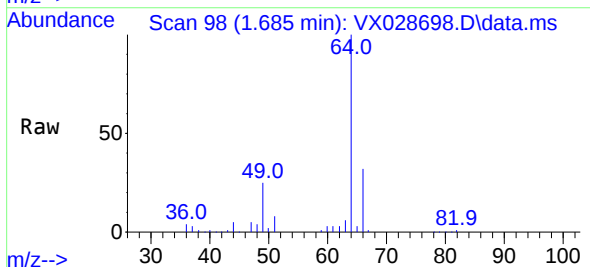
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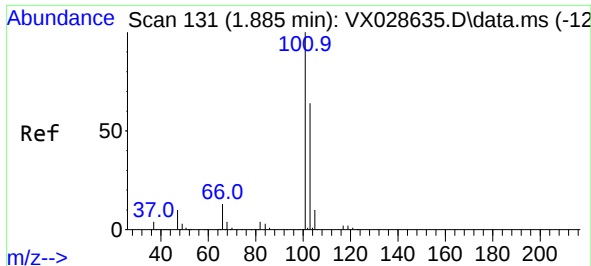
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#6
Chloroethane
Concen: 19.434 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

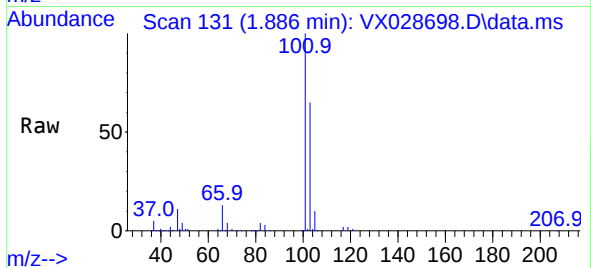
Tgt Ion: 64 Resp: 34026
Ion Ratio Lower Upper
64 100
66 32.5 25.3 37.9





#7
Trichlorofluoromethane
Concen: 18.927 ug/l
RT: 1.886 min Scan# 111
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

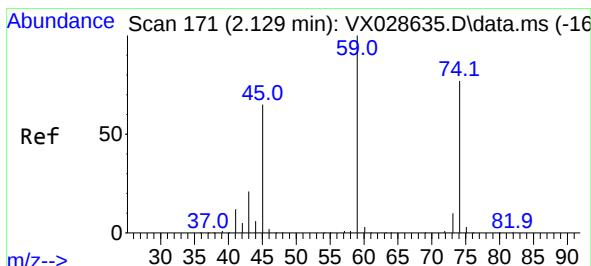
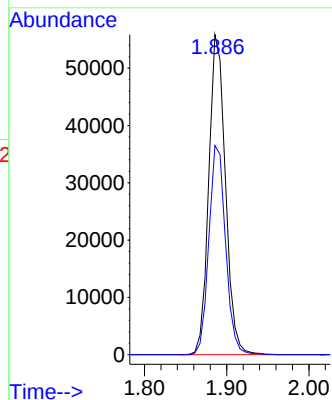
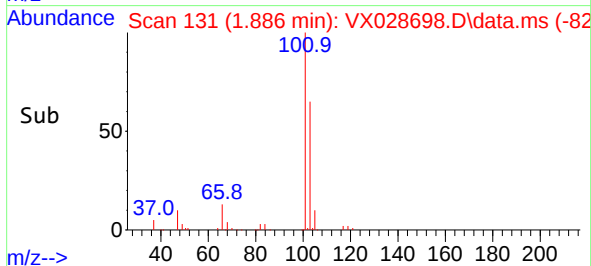
Instrument :
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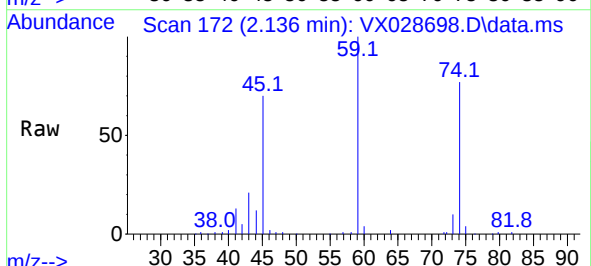
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Ion Ratio Lower Upper
101 100
103 65.3 50.5 75.7

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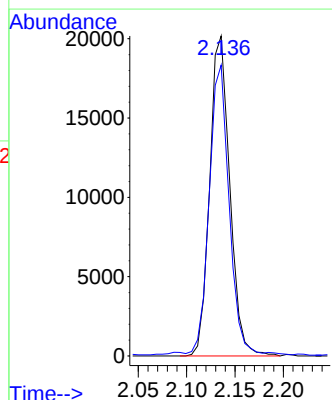
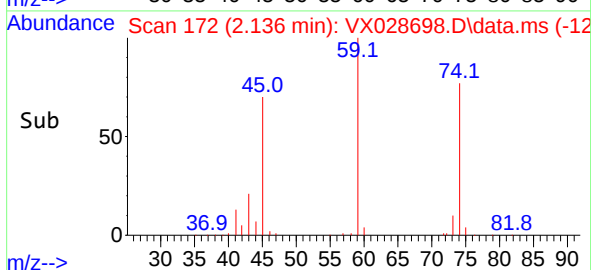
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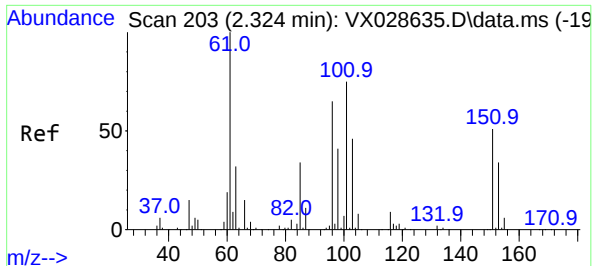


#8
Diethyl Ether
Concen: 19.317 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



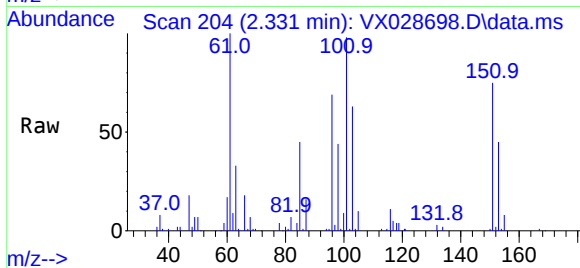
Tgt Ion: 74 Resp: 29172
Ion Ratio Lower Upper
74 100
45 90.5 42.0 126.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.544 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

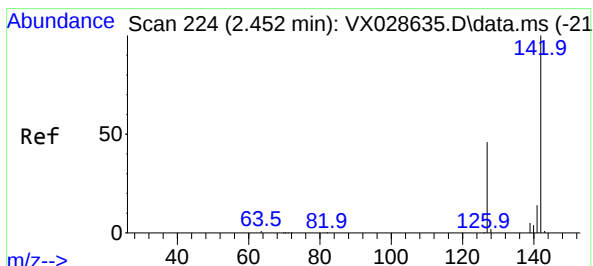
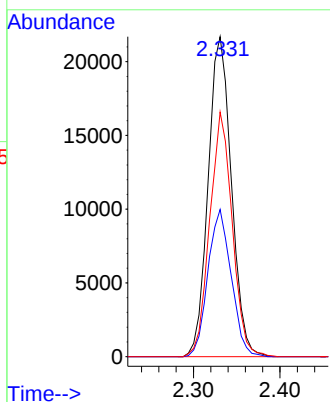
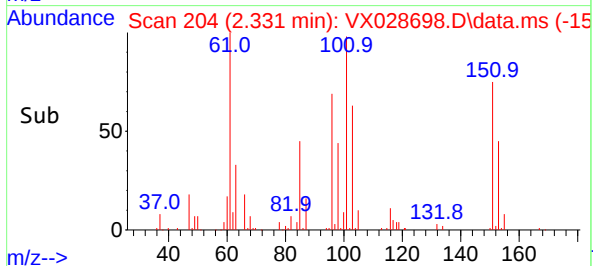
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



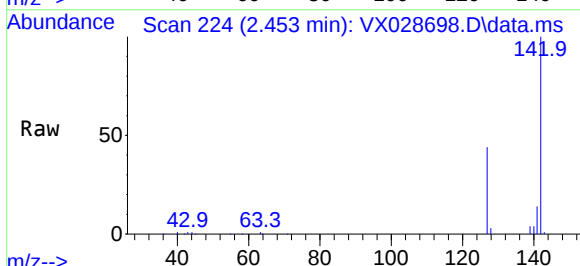
Tgt Ion:101 Resp: 4044
Ion Ratio Lower Upper
101 100
85 46.1 33.5 50.3
151 74.1 61.8 92.6

Manual Integrations
APPROVED

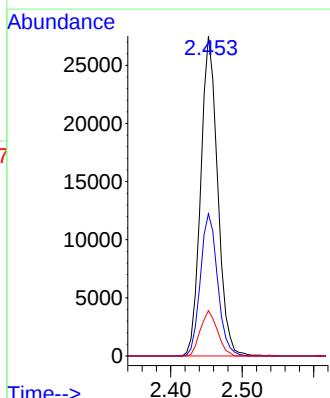
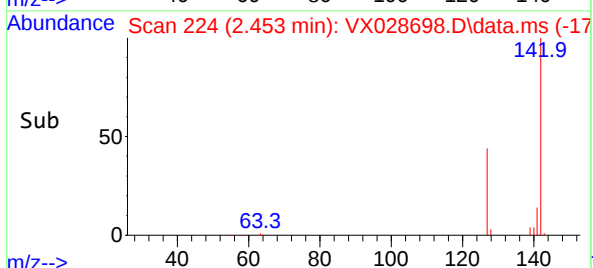
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

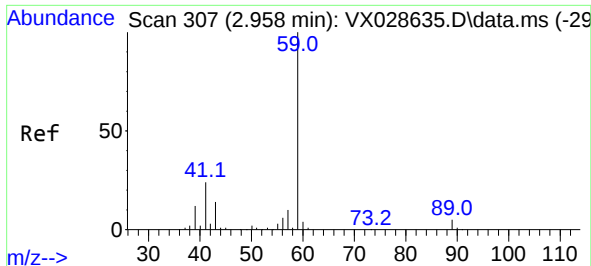


#10
Methyl Iodide
Concen: 17.350 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



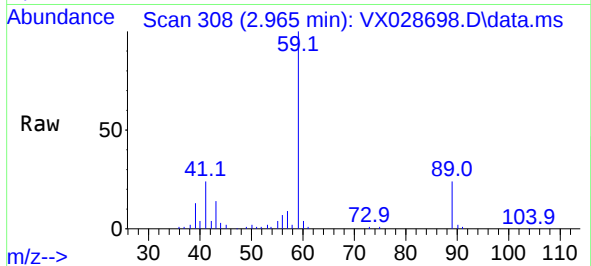
Tgt Ion:142 Resp: 45303
Ion Ratio Lower Upper
142 100
127 45.0 33.9 50.9
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 103.188 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

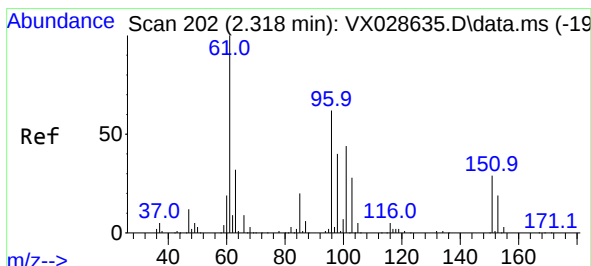
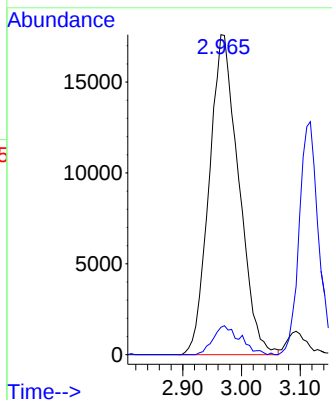
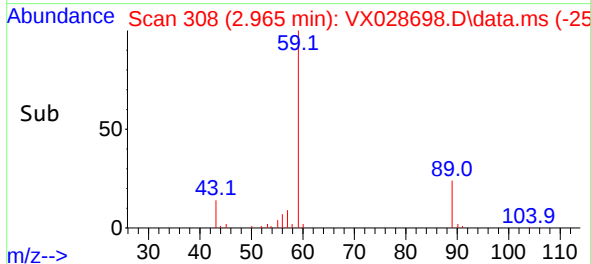
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



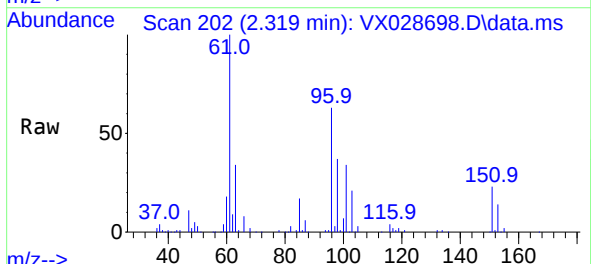
Tgt Ion: 59 Resp: 61385
Ion Ratio Lower Upper
59 100
57 8.4 8.3 12.5

Manual Integrations
APPROVED

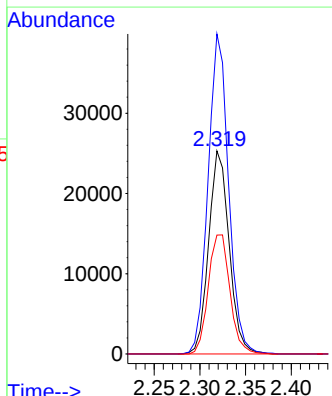
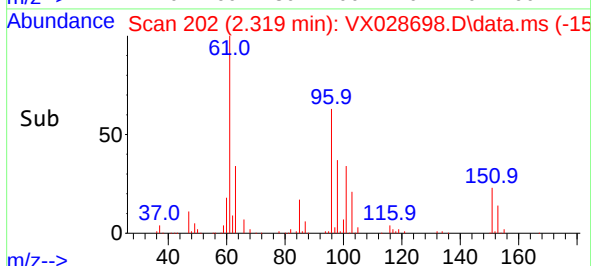
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

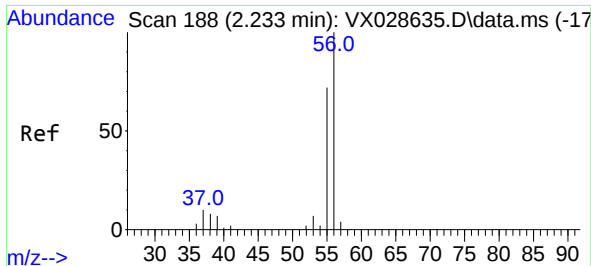


#12
1,1-Dichloroethene
Concen: 19.474 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



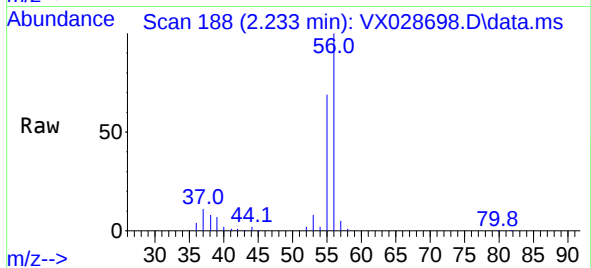
Tgt Ion: 96 Resp: 39425
Ion Ratio Lower Upper
96 100
61 157.6 124.6 187.0
98 58.5 51.0 76.4





#13
Acrolein
Concen: 109.362 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

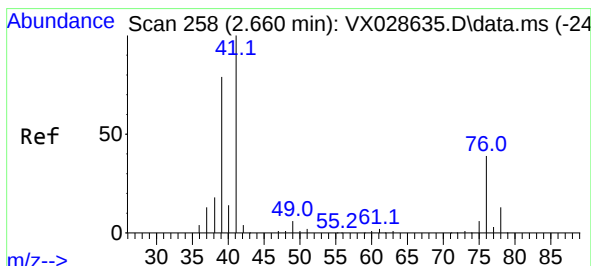
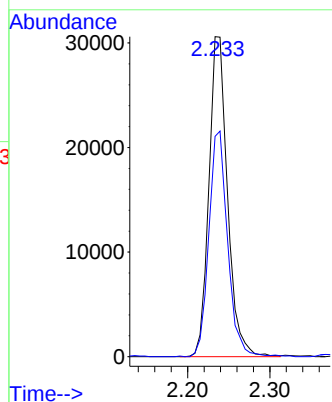
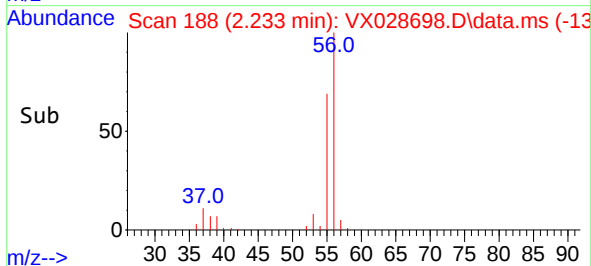
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



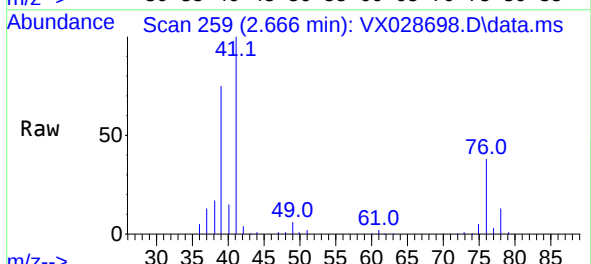
Tgt Ion: 56 Resp: 4813
Ion Ratio Lower Upper
56 100
55 71.3 55.0 82.6

Manual Integrations
APPROVED

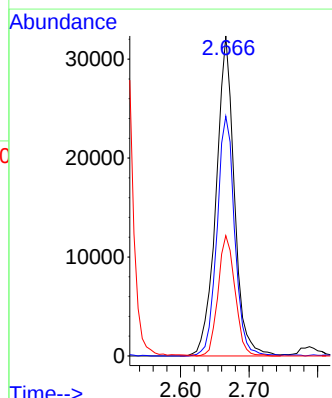
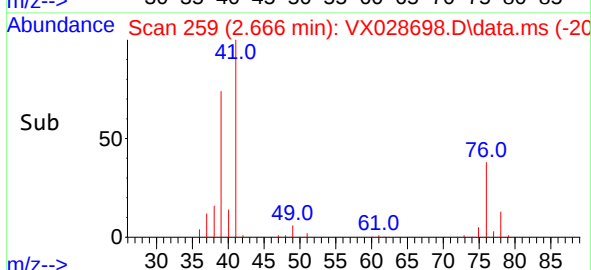
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

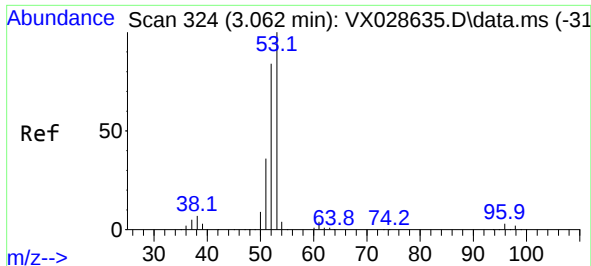


#14
Allyl chloride
Concen: 18.440 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



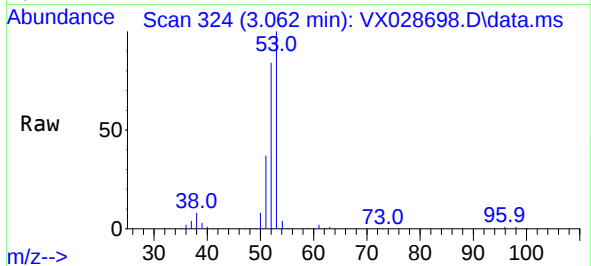
Tgt Ion: 41 Resp: 59874
Ion Ratio Lower Upper
41 100
39 72.5 50.4 75.6
76 34.7 32.7 49.1





#15
Acrylonitrile
Concen: 98.613 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

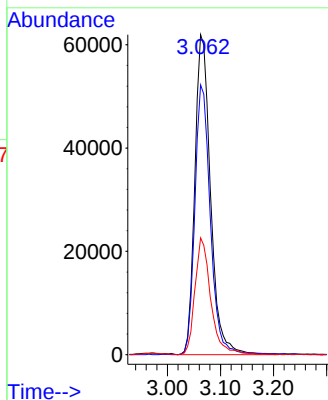
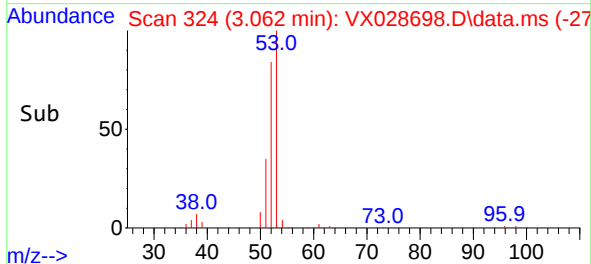
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



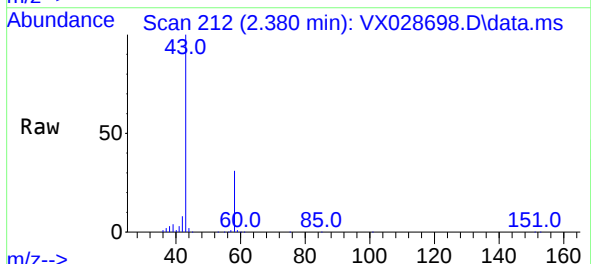
Tgt Ion: 53 Resp: 127398
Ion Ratio Lower Upper
53 100
52 83.1 65.7 98.5
51 37.0 28.4 42.6

Manual Integrations
APPROVED

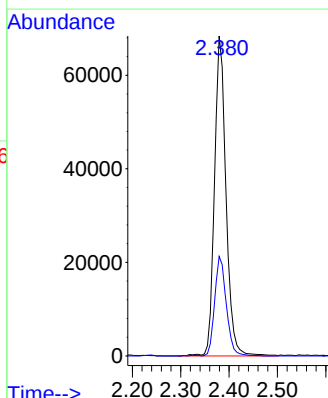
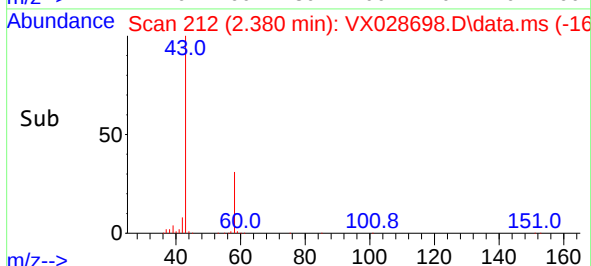
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

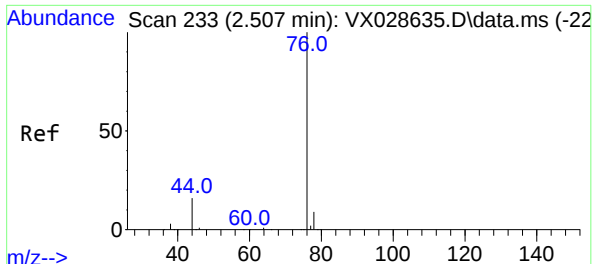


#16
Acetone
Concen: 98.124 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



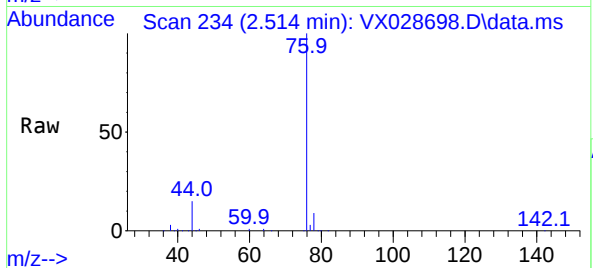
Tgt Ion: 43 Resp: 112919
Ion Ratio Lower Upper
43 100
58 31.1 28.8 43.2





#17
Carbon Disulfide
Concen: 18.152 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

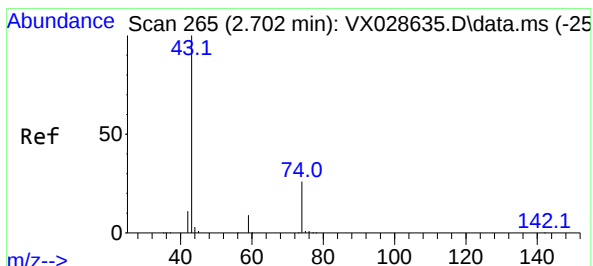
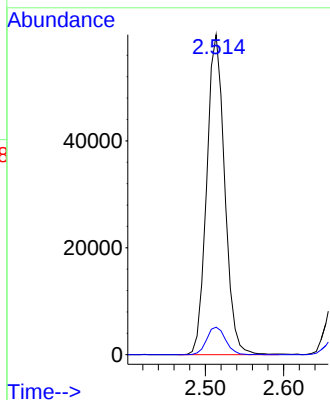
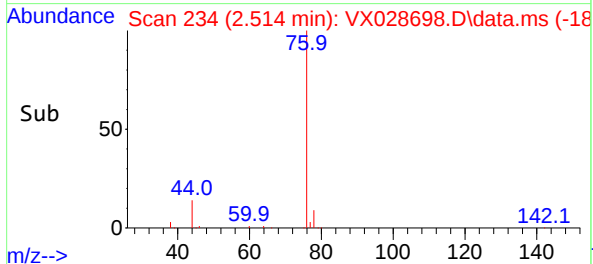
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



Tgt Ion: 76 Resp: 9526
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

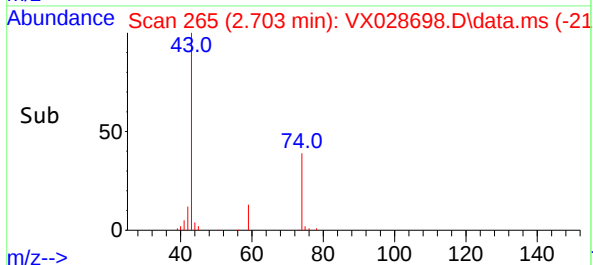
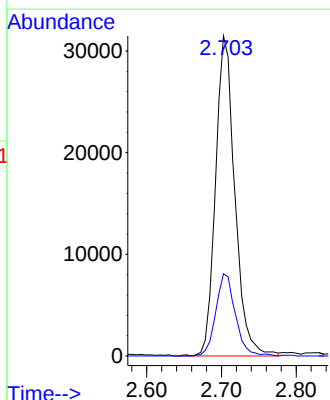
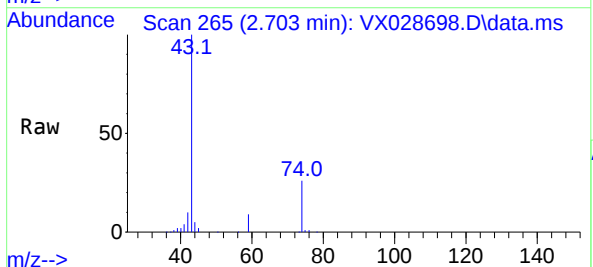
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#18
Methyl Acetate
Concen: 19.620 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

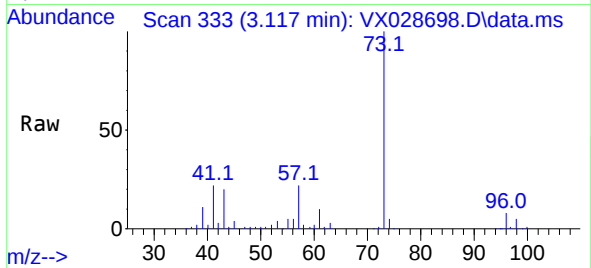
Tgt Ion: 43 Resp: 56550
Ion Ratio Lower Upper
43 100
74 26.0 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 19.428 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

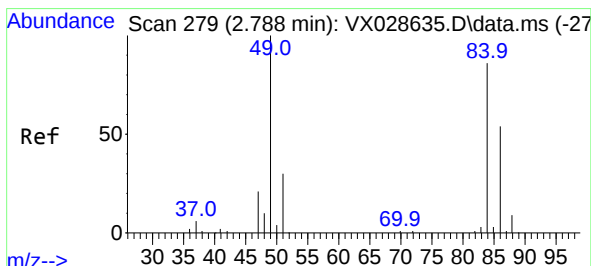
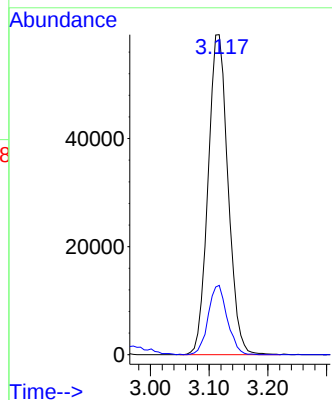
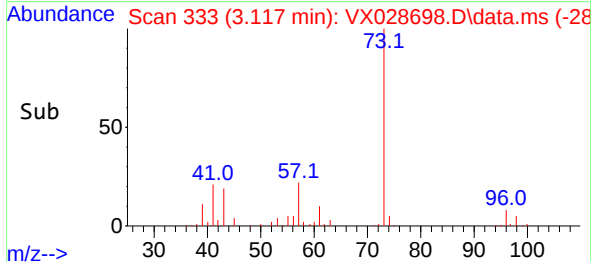
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



Tgt Ion: 73 Resp: 13957
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2

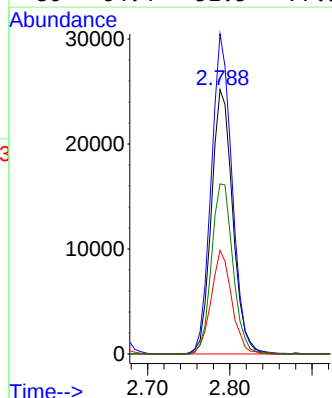
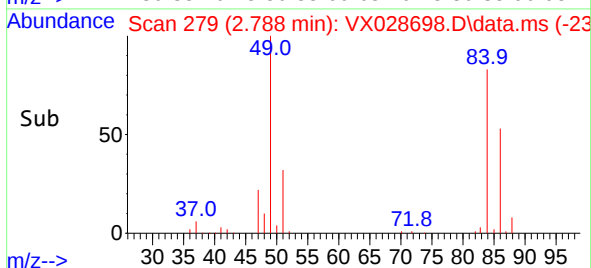
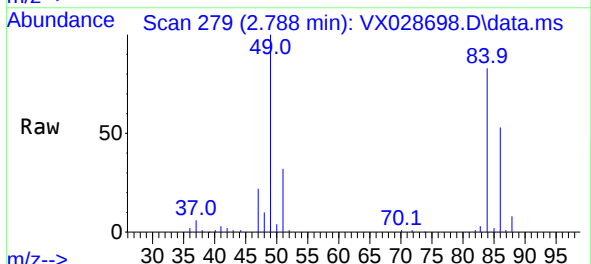
Manual Integrations
APPROVED

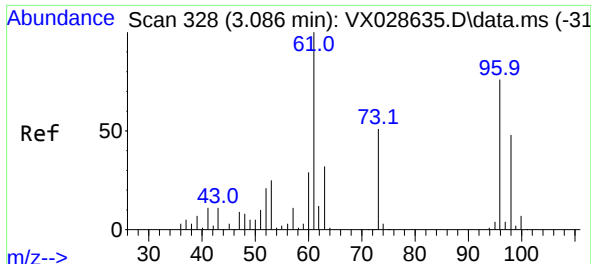
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#20
Methylene Chloride
Concen: 18.779 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

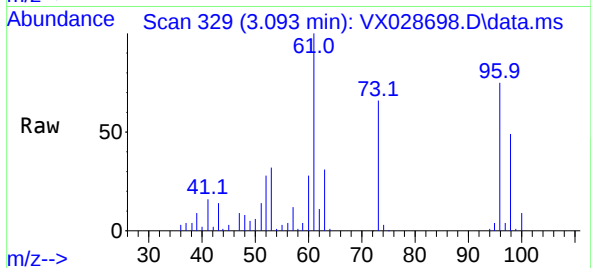
Tgt Ion: 84 Resp: 45338
Ion Ratio Lower Upper
84 100
49 121.1 85.5 128.3
51 39.2 26.6 39.8
86 64.4 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 19.235 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

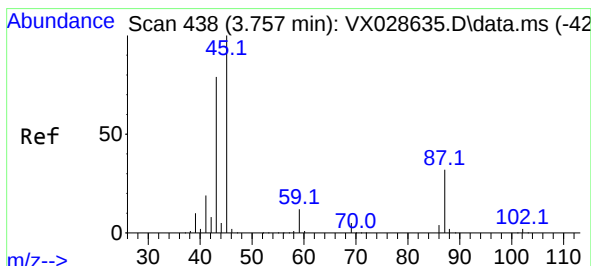
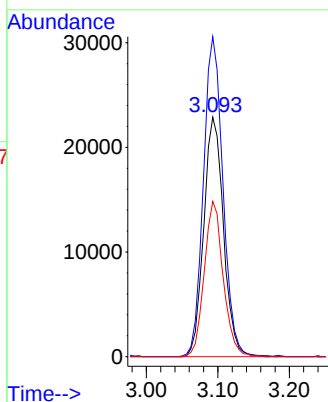
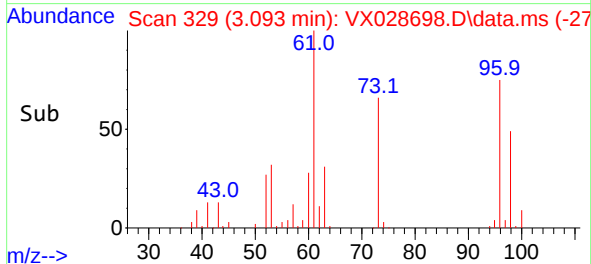
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



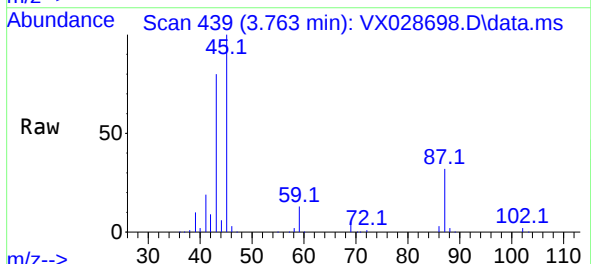
Tgt Ion: 96 Resp: 43864
Ion Ratio Lower Upper
96 100
61 133.6 105.4 158.2
98 64.8 50.0 75.0

Manual Integrations
APPROVED

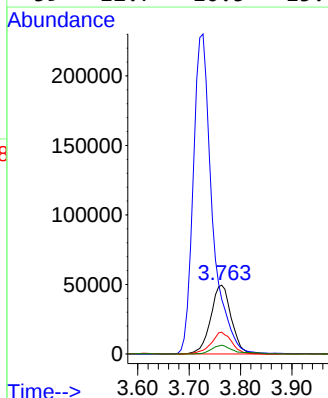
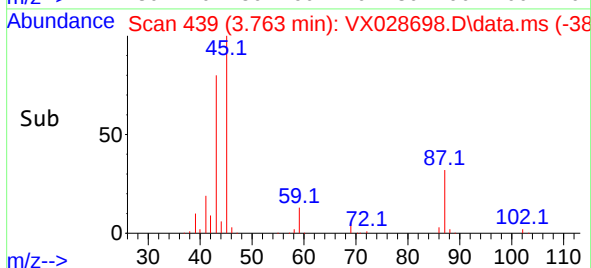
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

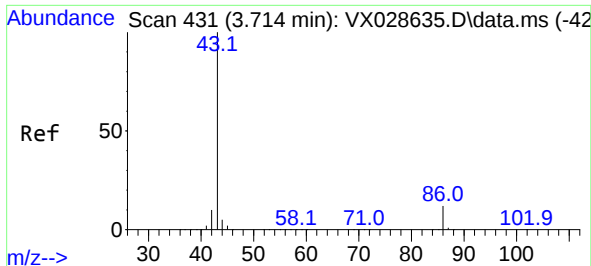


#22
Diisopropyl ether
Concen: 19.792 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



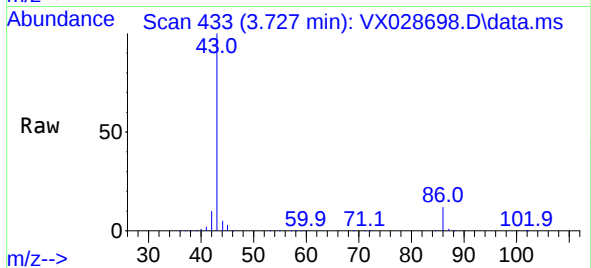
Tgt Ion: 45 Resp: 137335
Ion Ratio Lower Upper
45 100
43 78.7 50.8 76.2#
87 31.7 26.6 39.8
59 12.7 10.5 15.7





#23
 Vinyl Acetate
 Concen: 99.187 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VX028698.D
 Acq: 13 May 2022 23:52

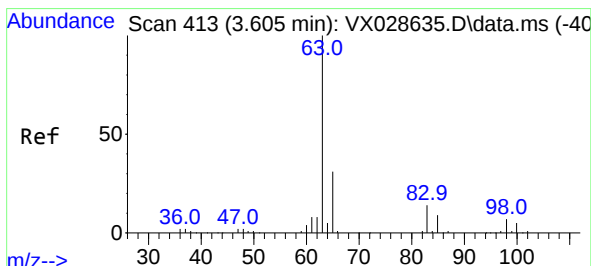
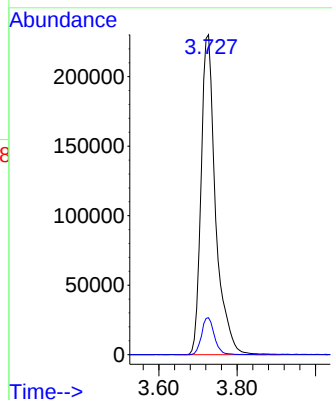
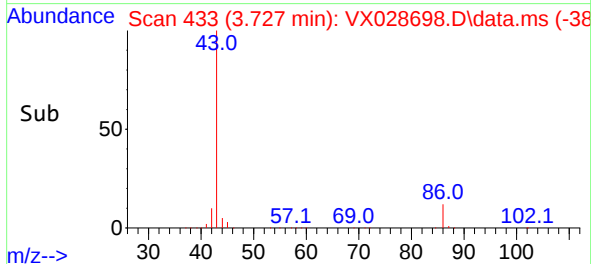
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBSD02



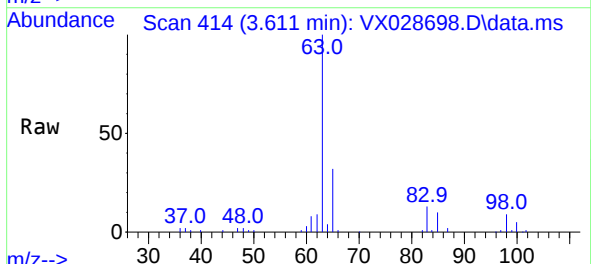
Tgt Ion: 43 Resp: 593315
 Ion Ratio Lower Upper
 43 100
 86 11.6 10.8 16.2

Manual Integrations
 APPROVED

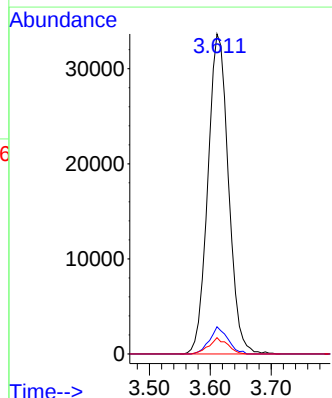
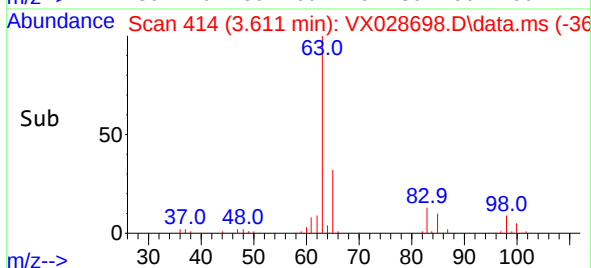
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

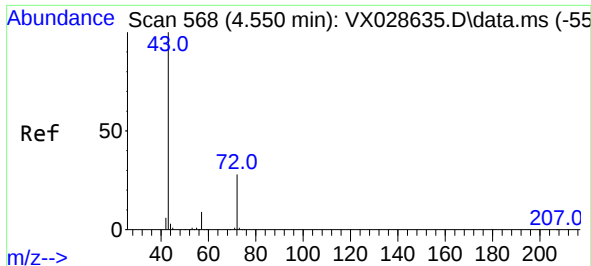


#24
 1,1-Dichloroethane
 Concen: 19.620 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028698.D
 Acq: 13 May 2022 23:52



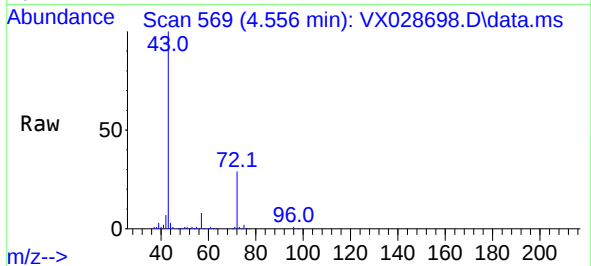
Tgt Ion: 63 Resp: 79145
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.7
 100 5.1 2.4 7.2





#25
2-Butanone
Concen: 97.900 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

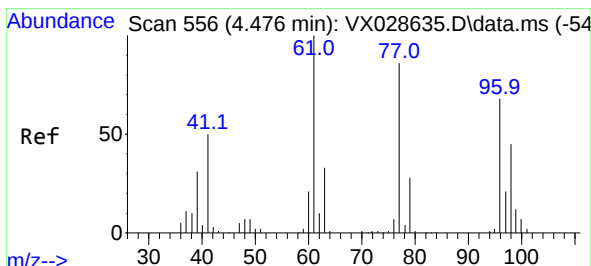
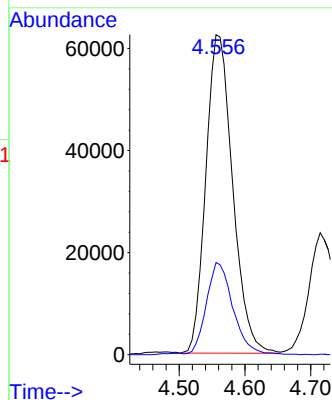
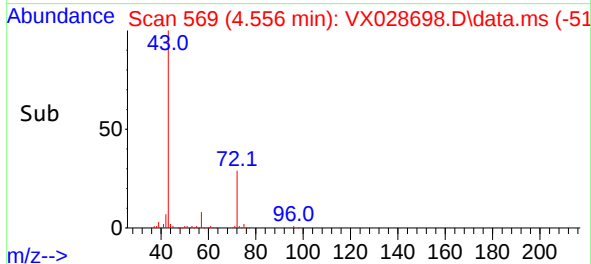
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



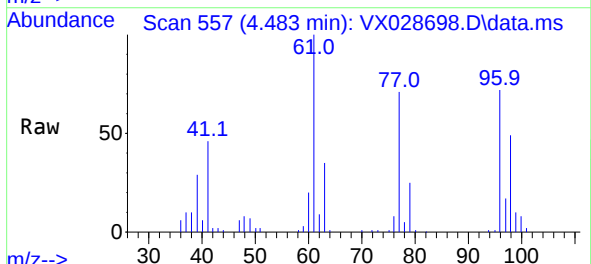
Tgt Ion: 43 Resp: 17684
Ion Ratio Lower Upper
43 100
72 28.6 24.4 36.6

Manual Integrations
APPROVED

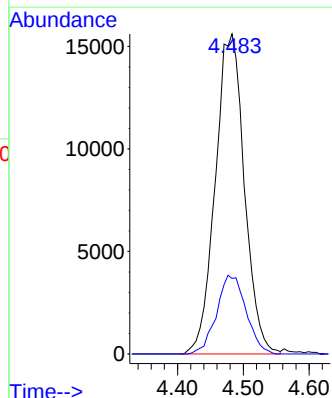
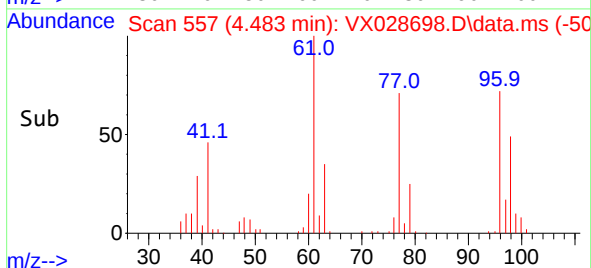
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

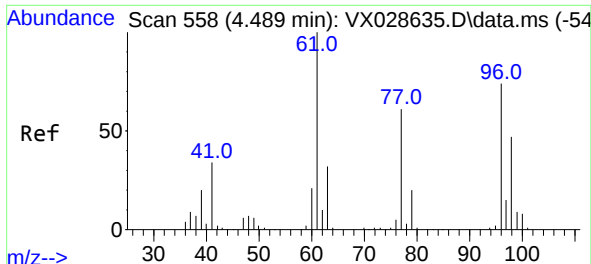


#26
2,2-Dichloropropane
Concen: 15.198 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



Tgt Ion: 77 Resp: 48070
Ion Ratio Lower Upper
77 100
97 24.9 11.8 35.4





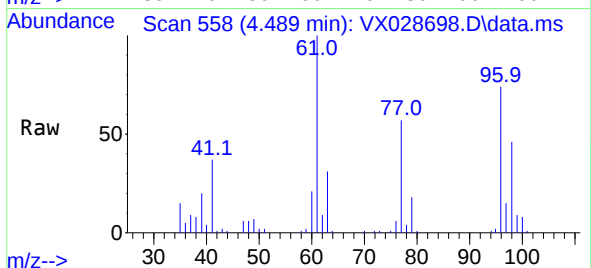
#27
cis-1,2-Dichloroethene
Concen: 19.150 ug/l
RT: 4.489 min Scan# 5100
Delta R.T. -0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

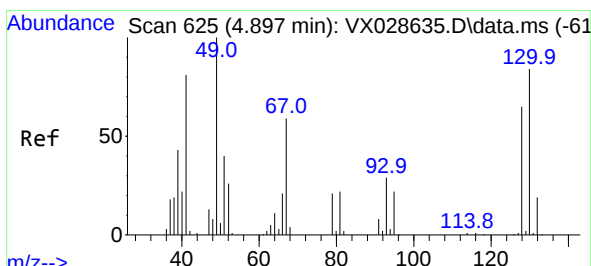
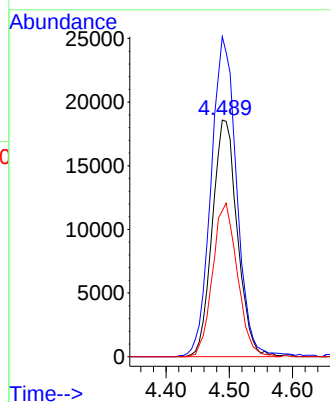
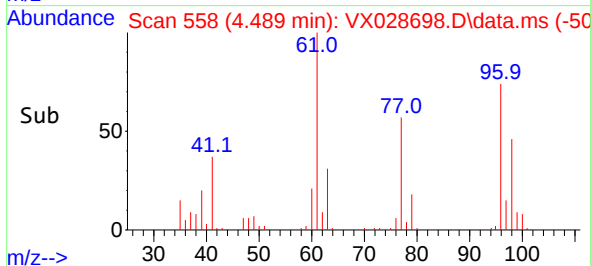


Tgt Ion: 96 Resp: 5100
Ion Ratio Lower Upper
96 100
61 139.1 0.0 283.8
98 64.1 0.0 129.8

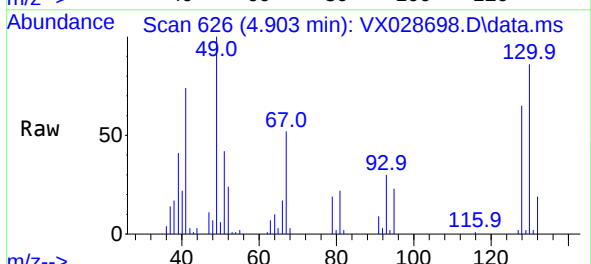
Manual Integrations

APPROVED

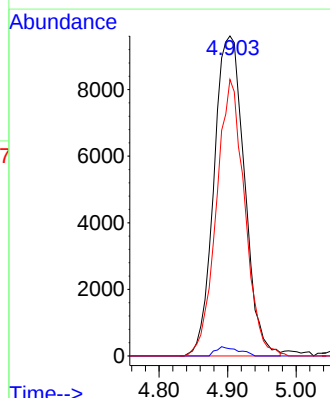
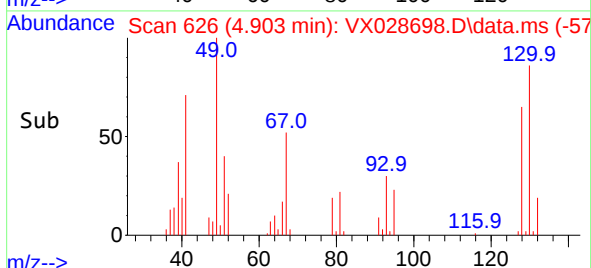
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

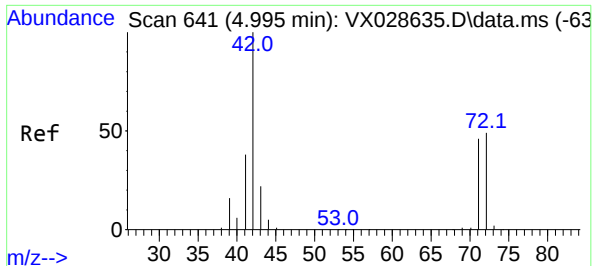


#28
Bromochloromethane
Concen: 17.446 ug/l
RT: 4.903 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



Tgt Ion: 49 Resp: 29623
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 80.2 70.7 106.1





#29

Tetrahydrofuran

Concen: 98.832 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX028698.D

Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

Tgt Ion: 42 Resp: 116044

Ion Ratio Lower Upper

42 100

72 48.3 44.1 66.1

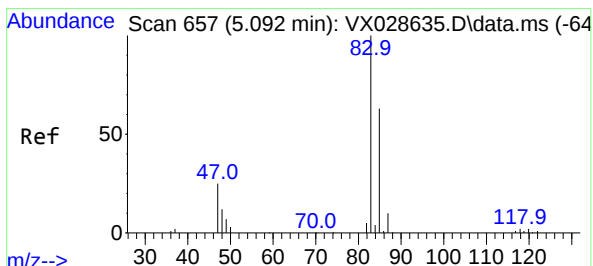
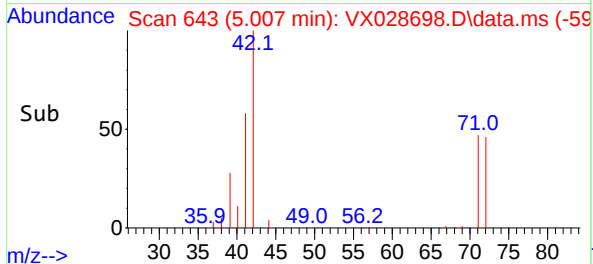
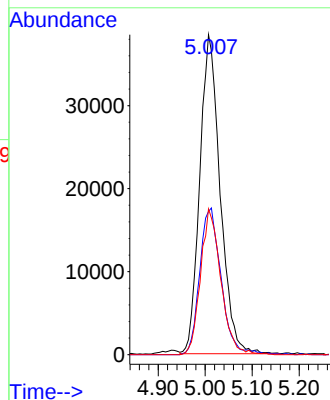
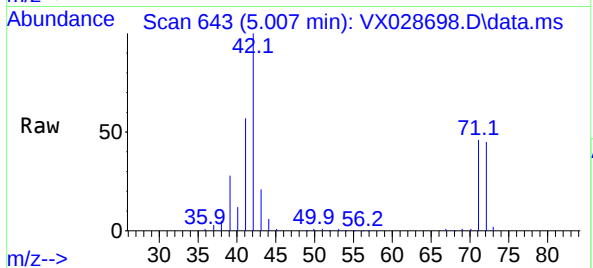
71 45.4 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#30

Chloroform

Concen: 19.706 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.007 min

Lab File: VX028698.D

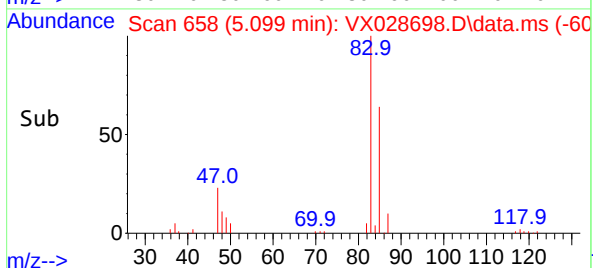
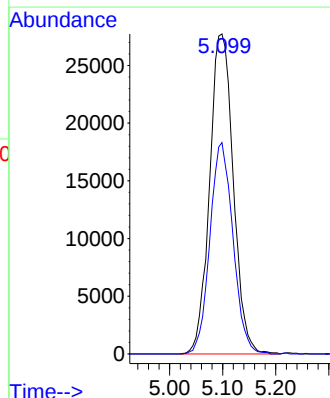
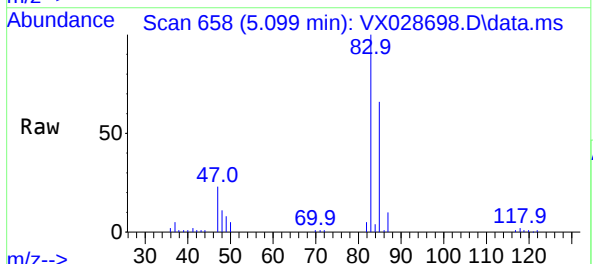
Acq: 13 May 2022 23:52

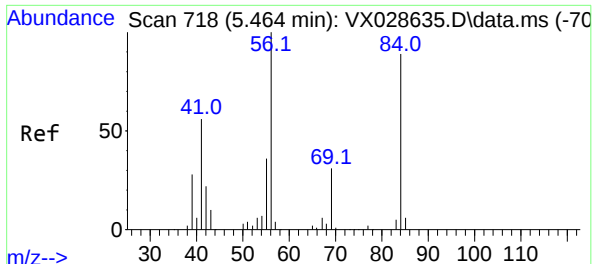
Tgt Ion: 83 Resp: 86031

Ion Ratio Lower Upper

83 100

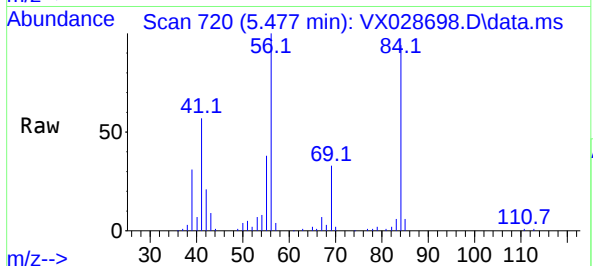
85 66.1 52.7 79.1





#31
Cyclohexane
Concen: 18.972 ug/l
RT: 5.477 min Scan# 701
Delta R.T. 0.013 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

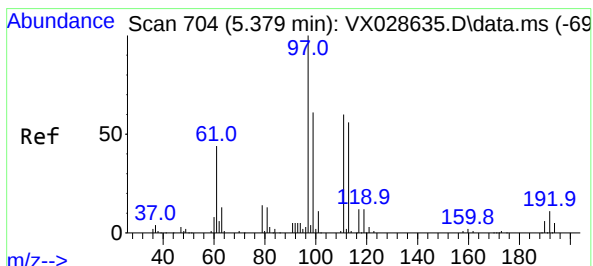
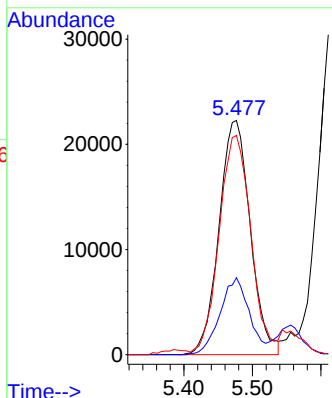
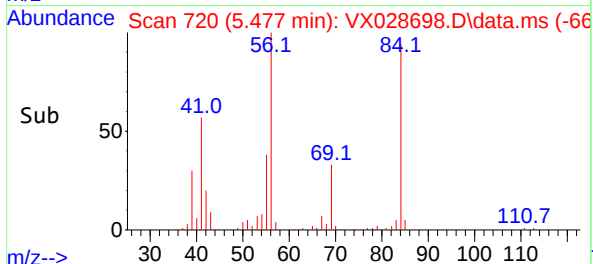
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



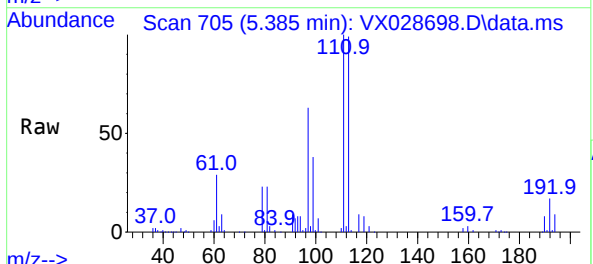
Tgt Ion: 56 Resp: 7061
Ion Ratio Lower Upper
56 100
69 32.5 26.7 40.1
84 91.7 77.2 115.8

Manual Integrations
APPROVED

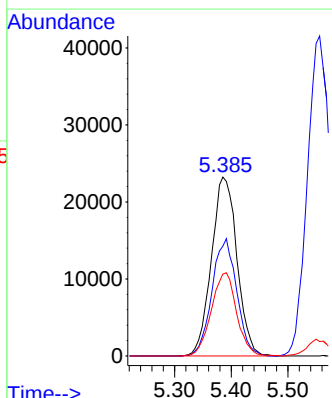
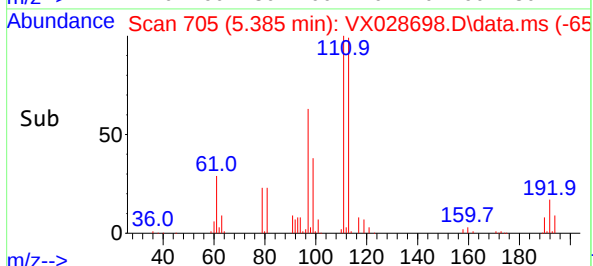
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

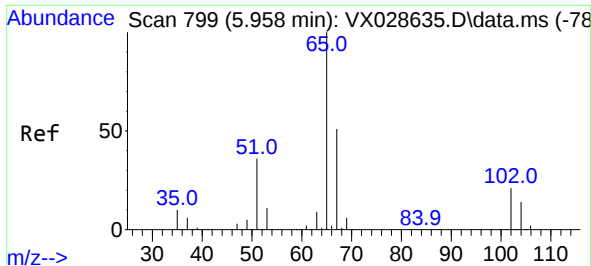


#32
1,1,1-Trichloroethane
Concen: 19.082 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



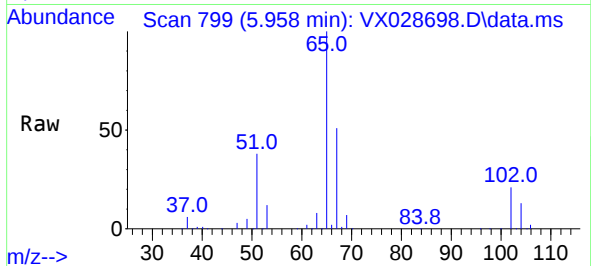
Tgt Ion: 97 Resp: 72728
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 46.0 34.0 51.0





#33
1,2-Dichloroethane-d4
Concen: 50.893 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

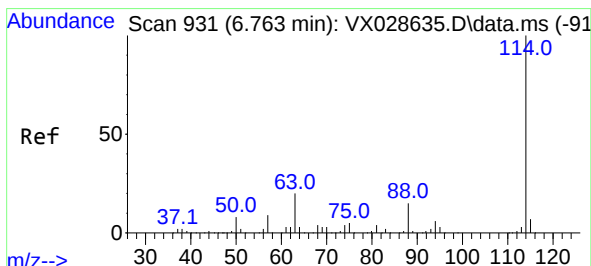
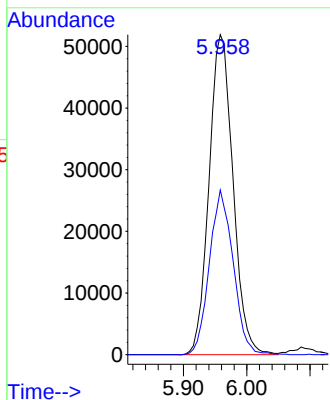
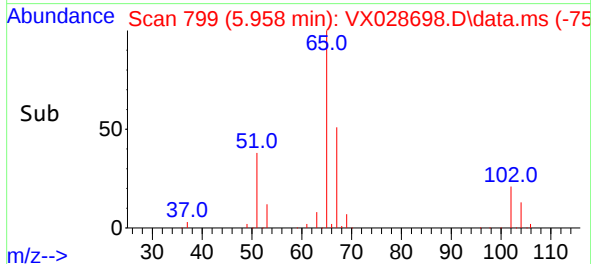
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



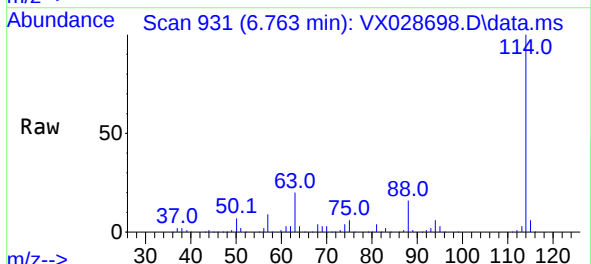
Tgt Ion: 65 Resp: 136462
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.4

Manual Integrations
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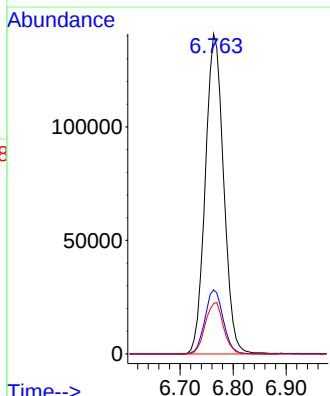
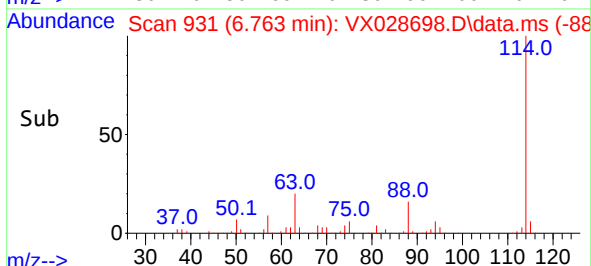
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

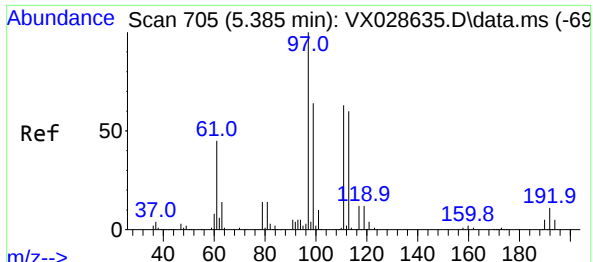


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



Tgt Ion:114 Resp: 337923
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 15.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.386 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028698.D

Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

Tgt Ion:113 Resp: 10934

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

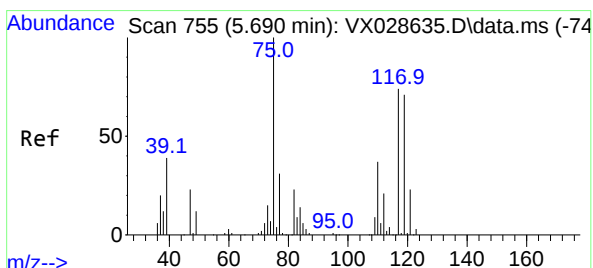
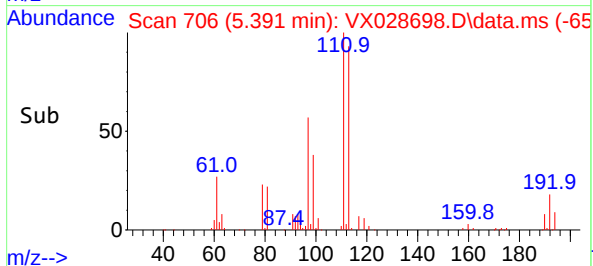
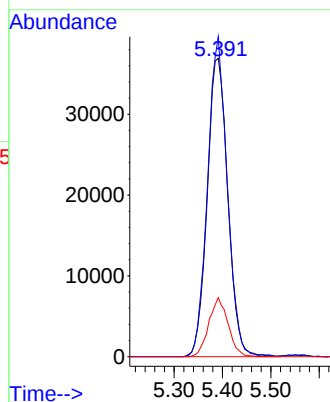
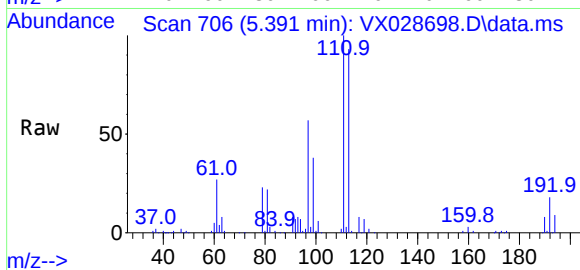
192 18.5 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#36

1,1-Dichloropropene

Concen: 18.487 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX028698.D

Acq: 13 May 2022 23:52

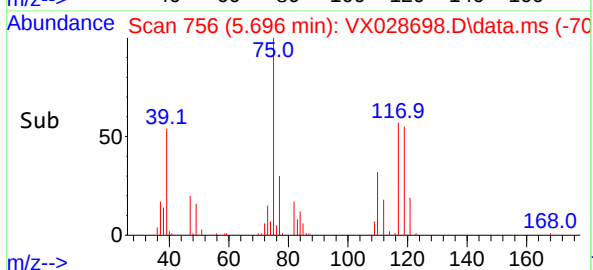
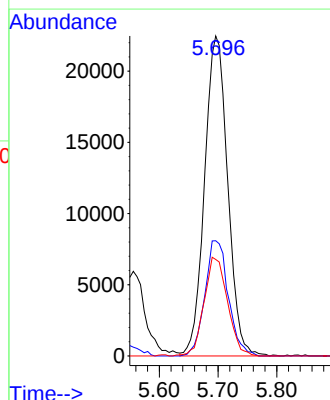
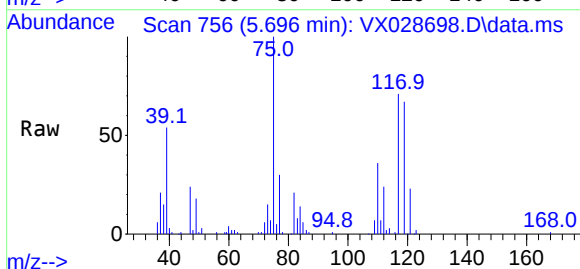
Tgt Ion: 75 Resp: 61477

Ion Ratio Lower Upper

75 100

110 36.6 18.3 54.8

77 31.3 24.8 37.2





#37

Ethyl Acetate

Concen: 19.507 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX028698.D

Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

Tgt Ion: 43 Resp: 67754

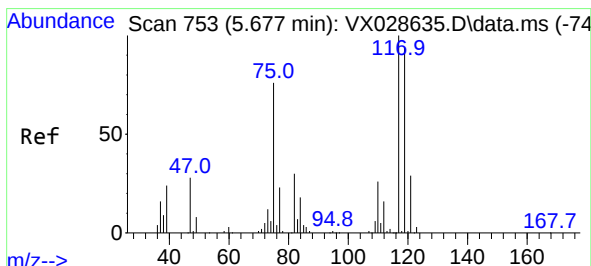
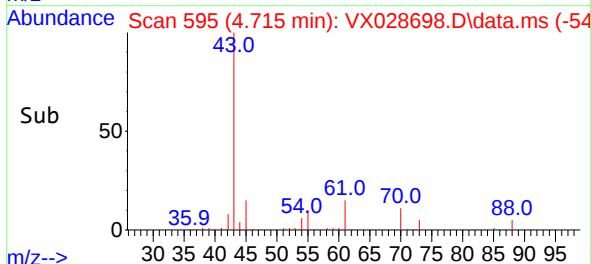
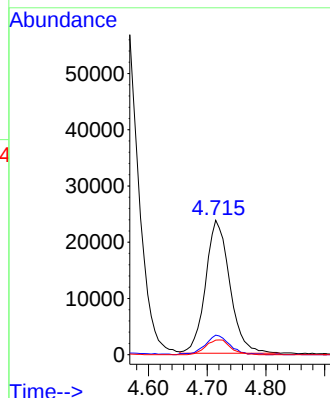
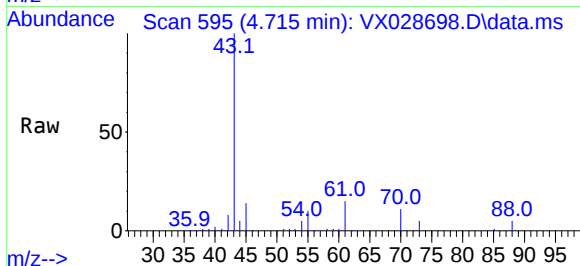
Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.6	19.0
70	11.2	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#38

Carbon Tetrachloride

Concen: 18.672 ug/l

RT: 5.684 min Scan# 754

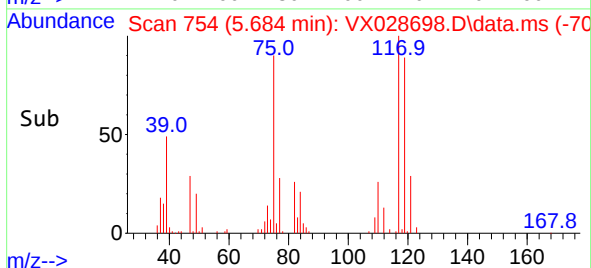
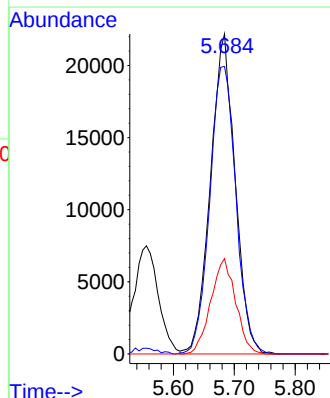
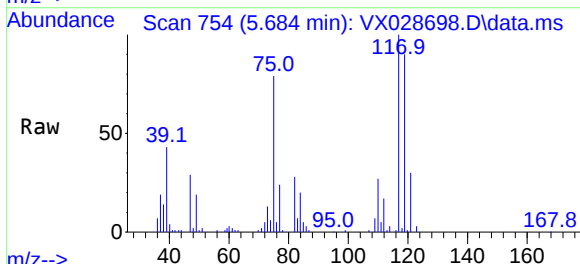
Delta R.T. 0.007 min

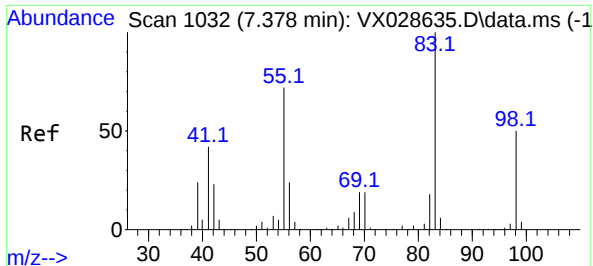
Lab File: VX028698.D

Acq: 13 May 2022 23:52

Tgt Ion:117 Resp: 62488

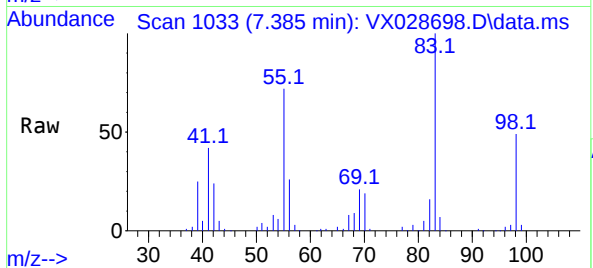
Ion	Ratio	Lower	Upper
117	100		
119	89.8	77.3	115.9
121	29.8	24.2	36.2





#39
Methylcyclohexane
Concen: 17.973 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

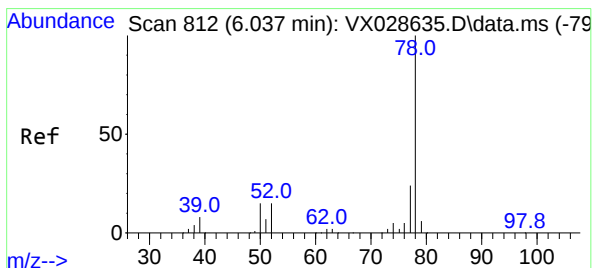
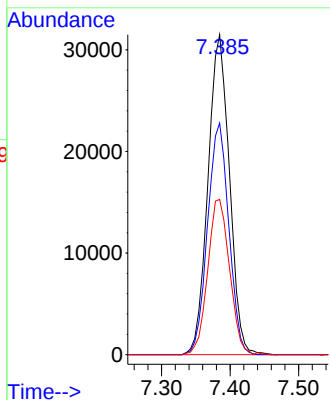
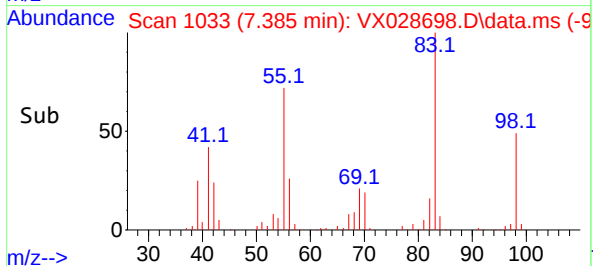
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



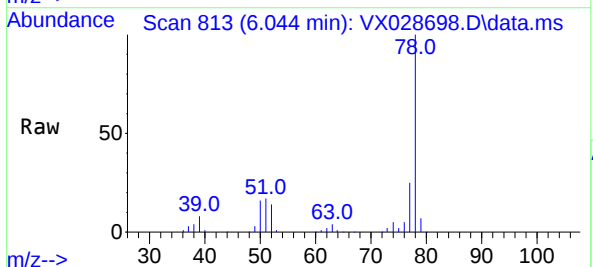
Tgt Ion: 83 Resp: 6854
Ion Ratio Lower Upper
83 100
55 72.4 54.6 81.8
98 48.5 37.4 56.2

Manual Integrations
APPROVED

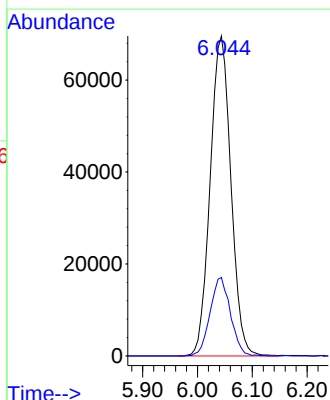
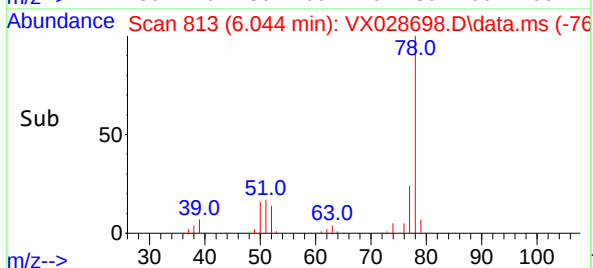
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

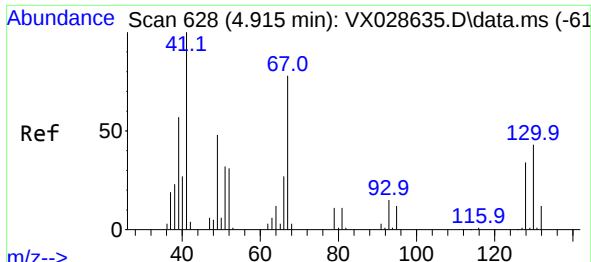


#40
Benzene
Concen: 19.136 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



Tgt Ion: 78 Resp: 182883
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9





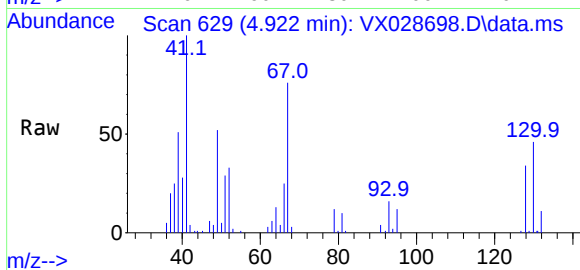
#41
Methacrylonitrile
Concen: 18.885 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02



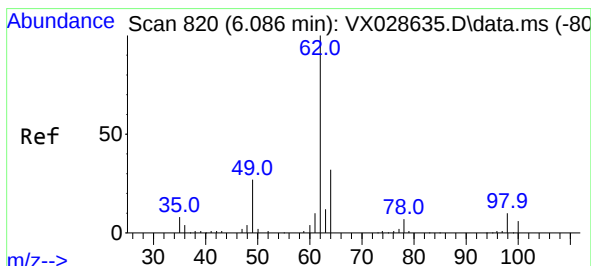
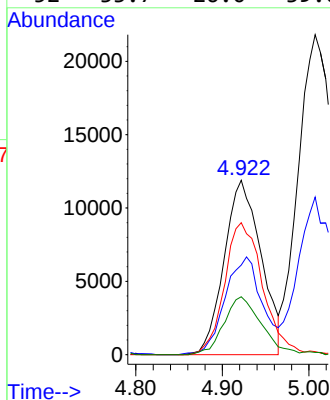
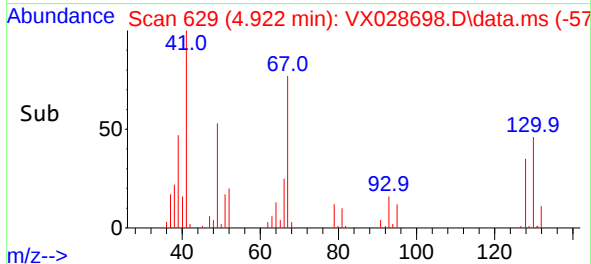
Tgt Ion: 41 Resp: 35170
Ion Ratio Lower Upper
41 100
39 56.7 43.0 64.4
67 78.9 70.2 105.4
52 33.7 26.0 39.0

Manual Integrations

APPROVED

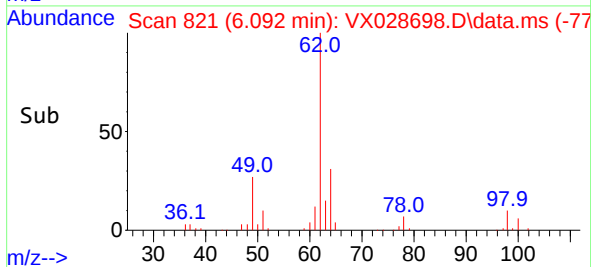
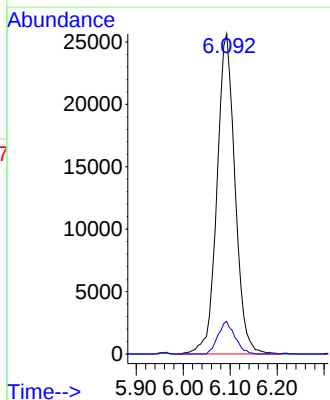
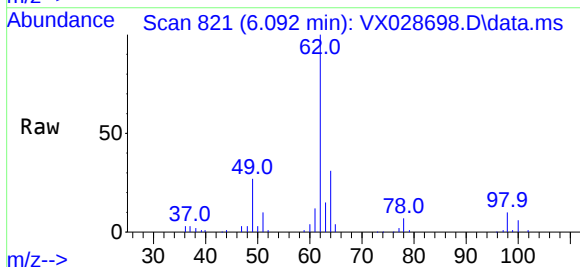
Reviewed By :John Carlone 05/16/2022

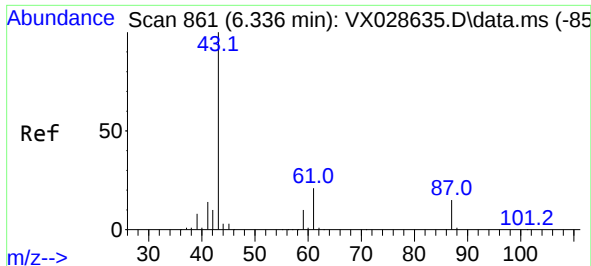
Supervised By :Mahesh Dadoda 05/16/2022



#42
1,2-Dichloroethane
Concen: 19.456 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

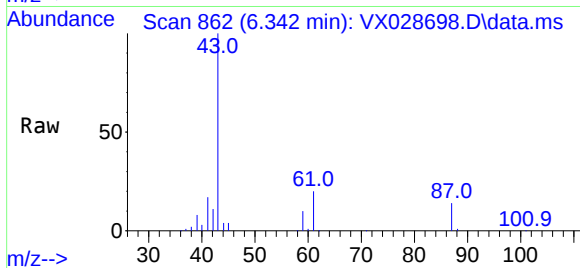
Tgt Ion: 62 Resp: 68586
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.4





#43
Isopropyl Acetate
Concen: 18.575 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

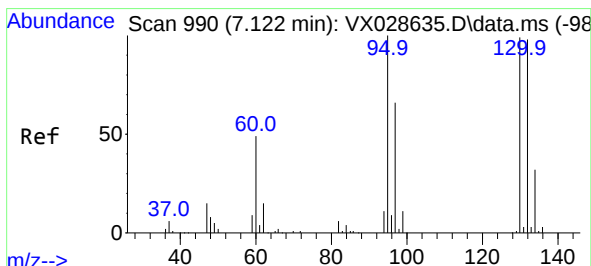
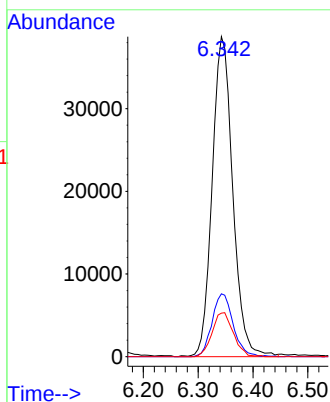
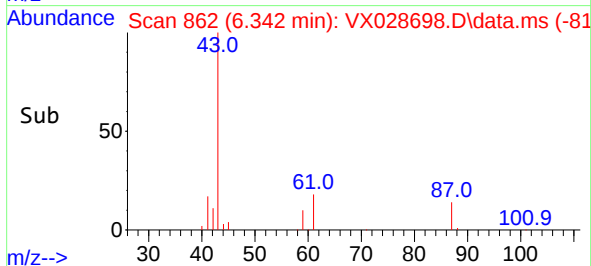
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



Tgt Ion: 43 Resp: 10093
Ion Ratio Lower Upper
43 100
61 20.1 18.5 27.7
87 14.2 13.0 19.6

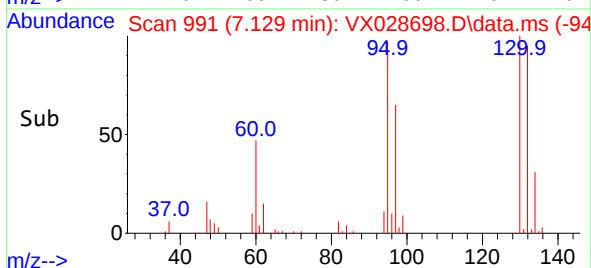
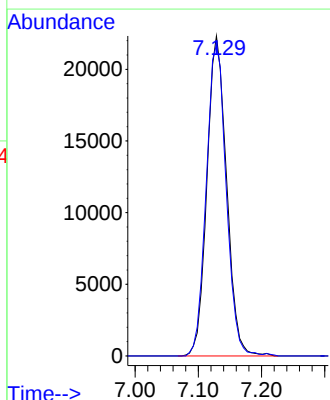
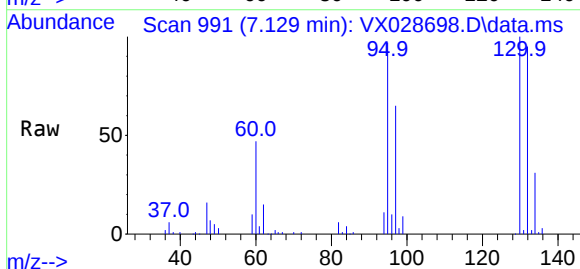
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#44
Trichloroethene
Concen: 18.556 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

Tgt Ion:130 Resp: 48097
Ion Ratio Lower Upper
130 100
95 97.3 0.0 188.8





#45

1,2-Dichloropropane

Concen: 19.039 ug/l

RT: 7.434 min Scan# 1040

Delta R.T. 0.007 min

Lab File: VX028698.D

Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

Tgt Ion: 63 Resp: 45398

Ion Ratio Lower Upper

63 100

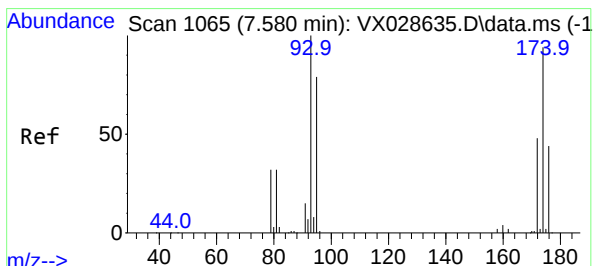
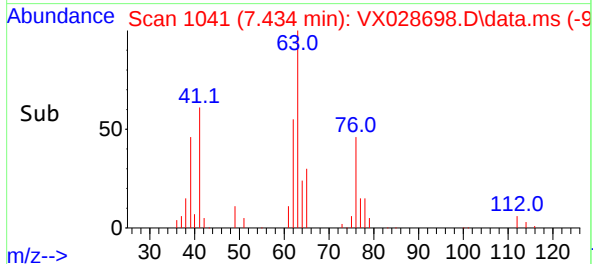
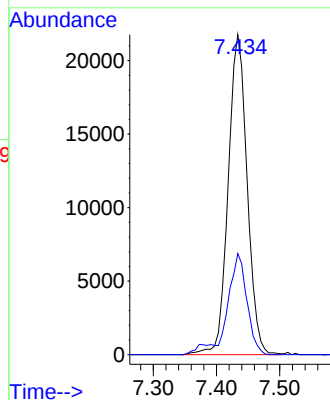
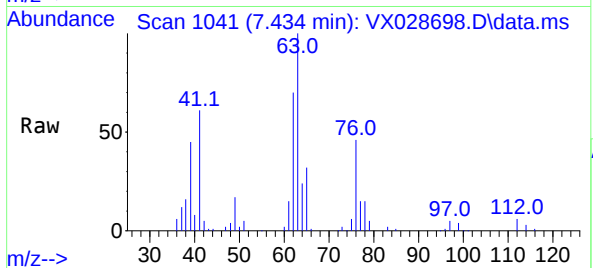
65 31.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#46

Dibromomethane

Concen: 18.824 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX028698.D

Acq: 13 May 2022 23:52

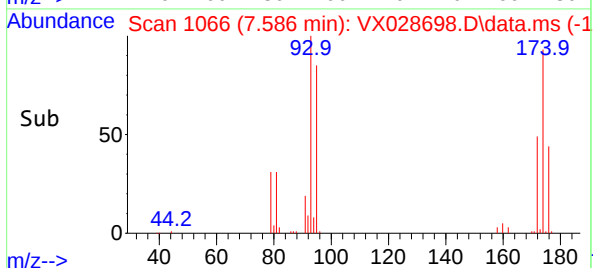
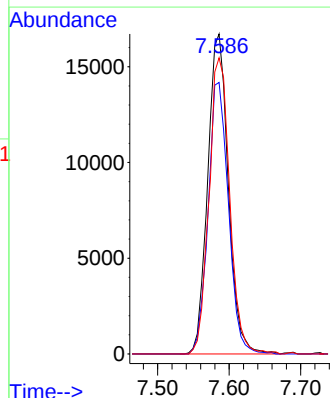
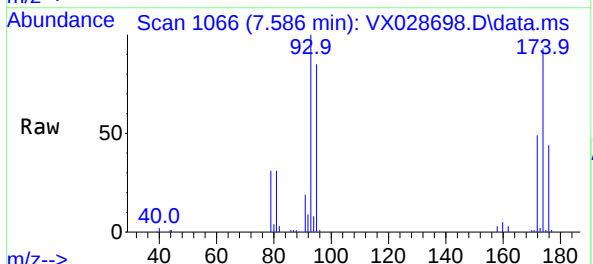
Tgt Ion: 93 Resp: 33521

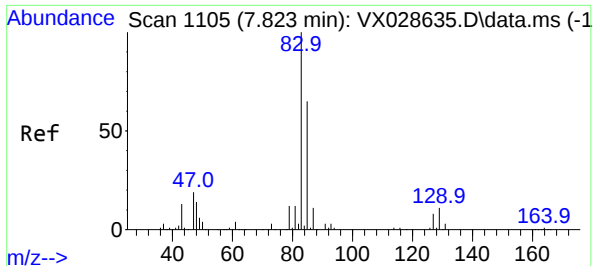
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.6

174 93.1 85.4 128.2





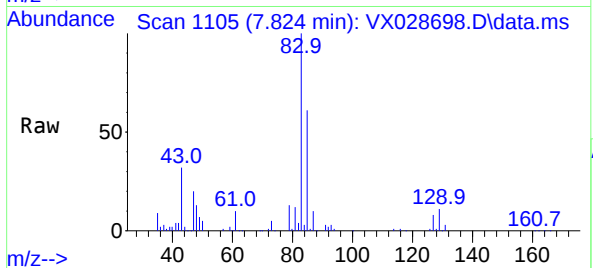
#47
Bromodichloromethane
Concen: 18.526 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02



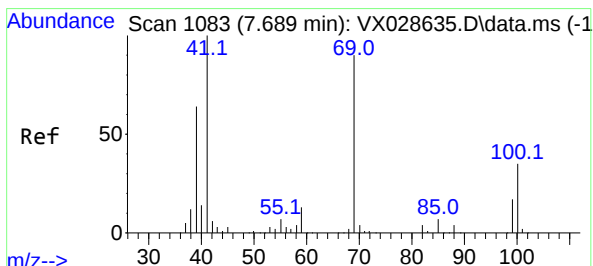
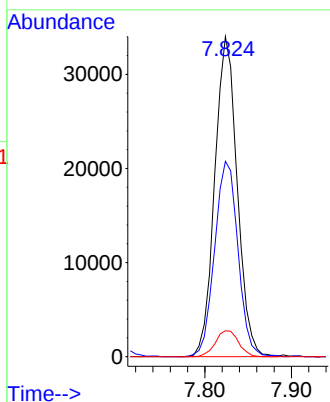
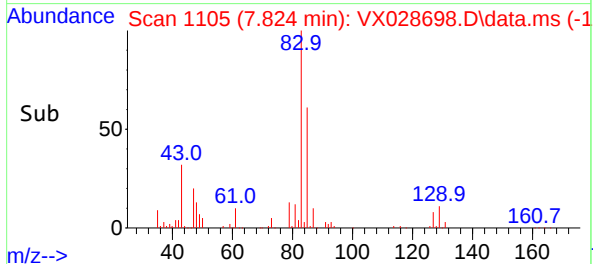
Tgt Ion: 83 Resp: 61248
Ion Ratio Lower Upper
83 100
85 61.0 52.2 78.2
127 8.1 6.8 10.2

Manual Integrations

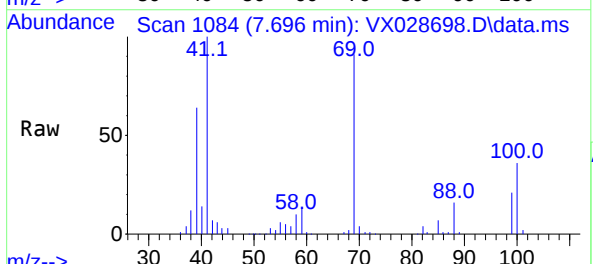
APPROVED

Reviewed By :John Carlone 05/16/2022

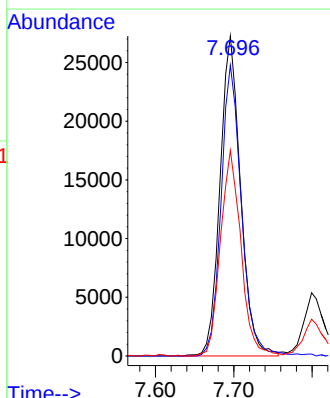
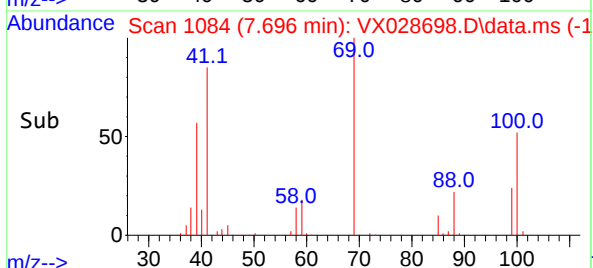
Supervised By :Mahesh Dadoda 05/16/2022

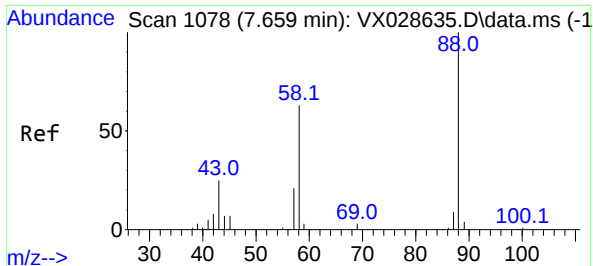


#48
Methyl methacrylate
Concen: 18.960 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



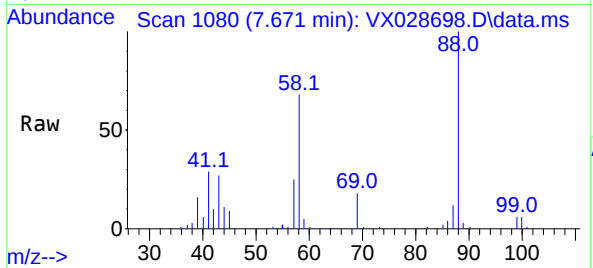
Tgt Ion: 41 Resp: 49769
Ion Ratio Lower Upper
41 100
69 89.8 82.5 123.7
39 64.1 43.8 65.8





#49
1,4-Dioxane
Concen: 383.126 ug/l
RT: 7.671 min Scan# 1078
Delta R.T. 0.012 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

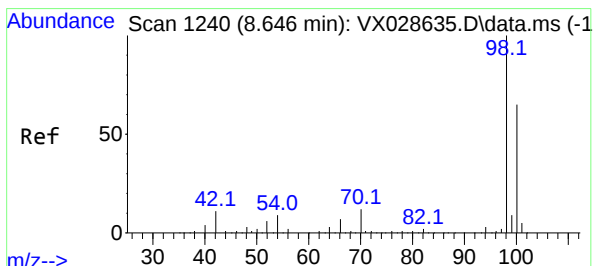
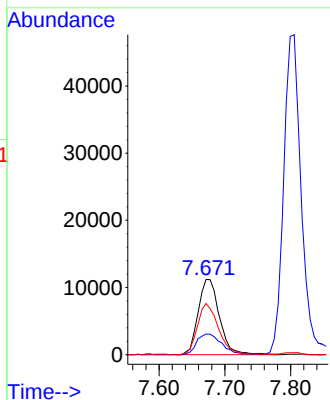
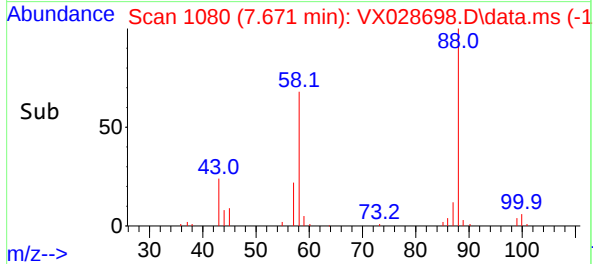
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



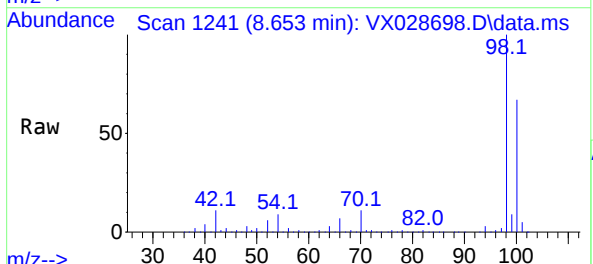
Tgt Ion: 88 Resp: 25124
Ion Ratio Lower Upper
88 100
43 32.3 21.9 32.9
58 67.1 53.7 80.5

Manual Integrations
APPROVED

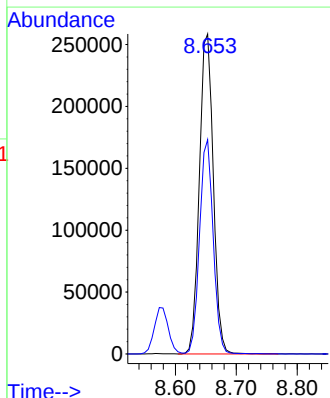
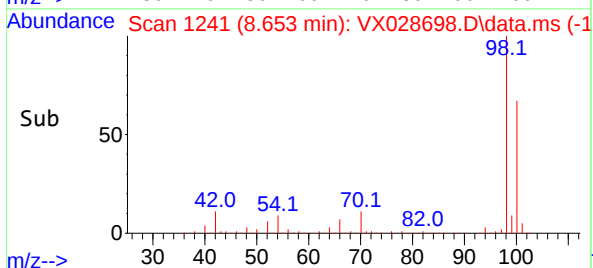
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

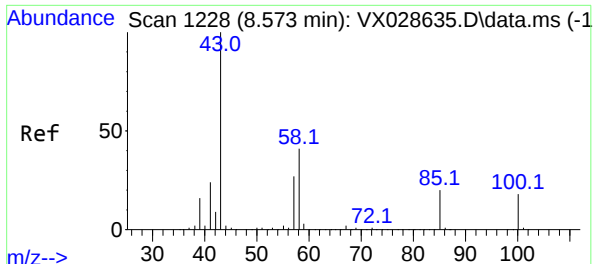


#50
Toluene-d8
Concen: 49.218 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



Tgt Ion: 98 Resp: 410836
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 96.676 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

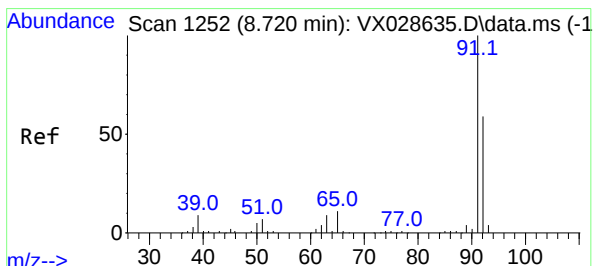
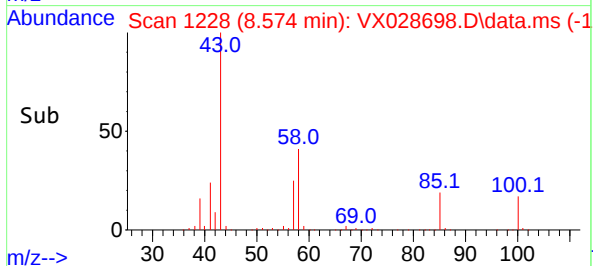
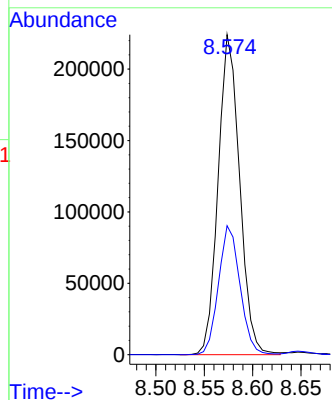
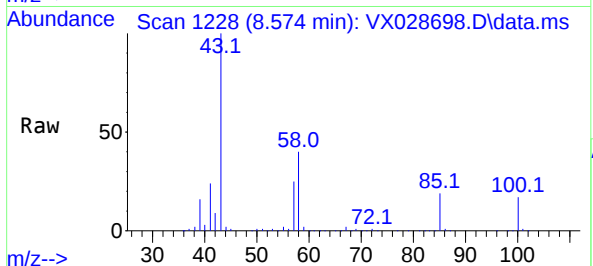
VX0513WBSD02

Tgt Ion: 43 Resp: 346020
Ion Ratio Lower Upper
43 100
58 40.3 36.1 54.1

Manual Integrations

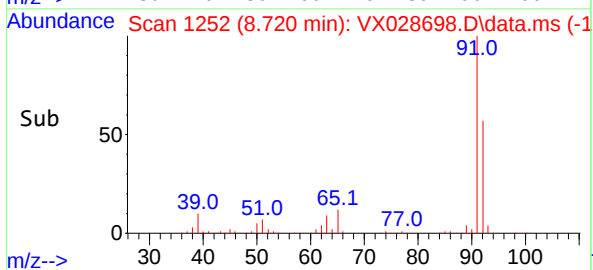
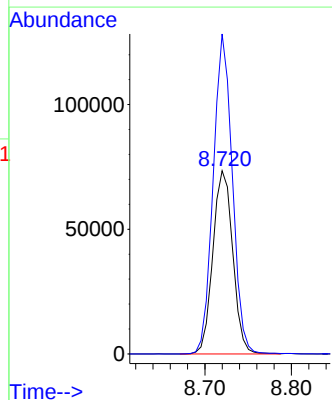
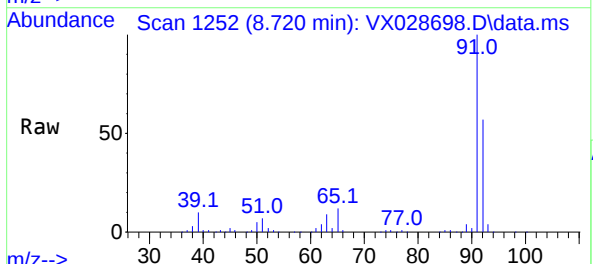
APPROVED

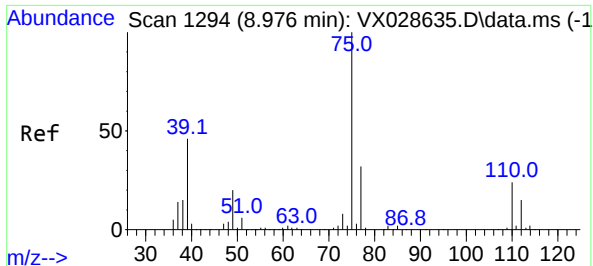
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#52
Toluene
Concen: 19.067 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

Tgt Ion: 92 Resp: 117221
Ion Ratio Lower Upper
92 100
91 168.2 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 16.329 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX028698.D

Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

Tgt Ion: 75 Resp: 57790

Ion Ratio Lower Upper

75 100

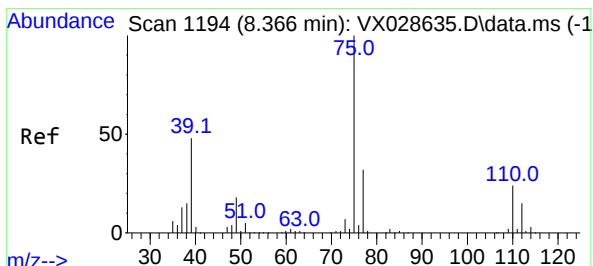
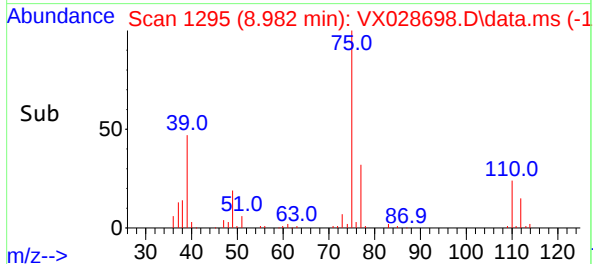
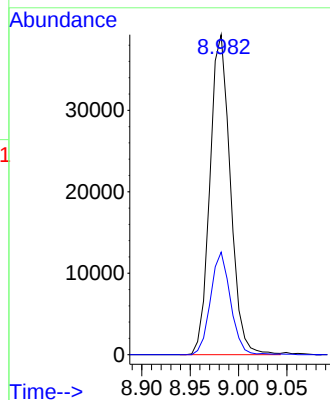
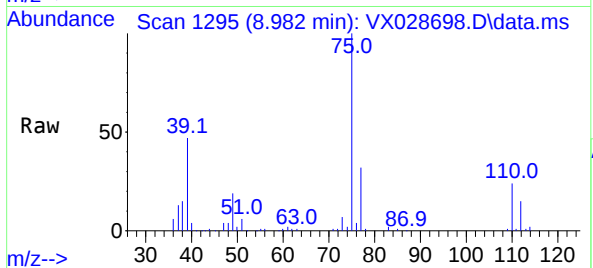
77 32.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#54

cis-1,3-Dichloropropene

Concen: 18.000 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028698.D

Acq: 13 May 2022 23:52

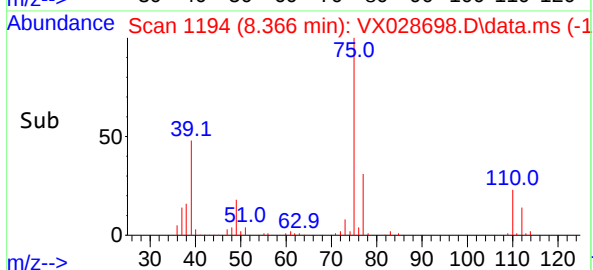
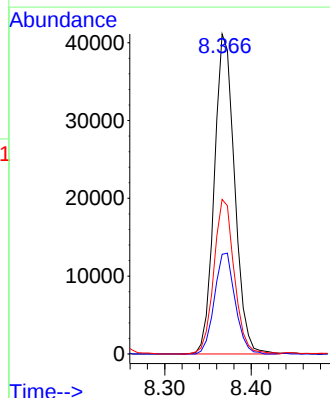
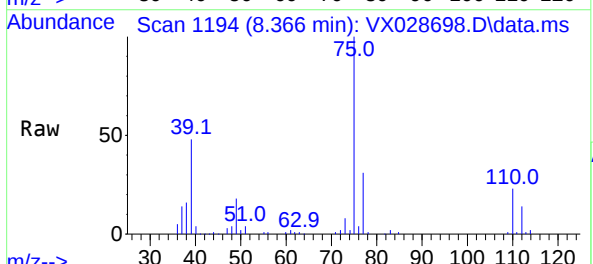
Tgt Ion: 75 Resp: 66960

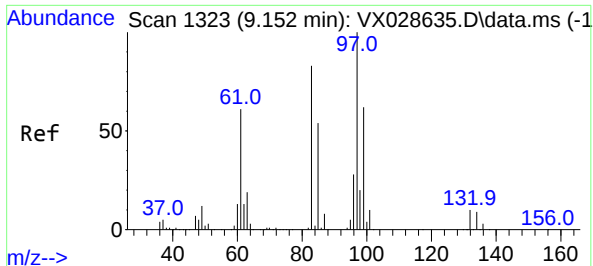
Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

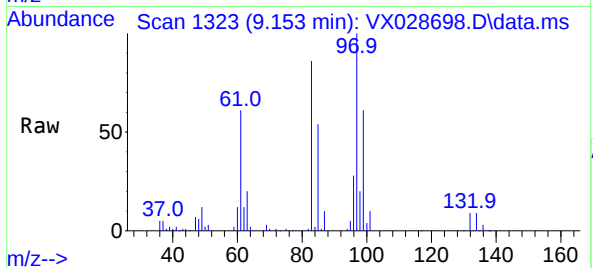
39 48.3 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 19.314 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02

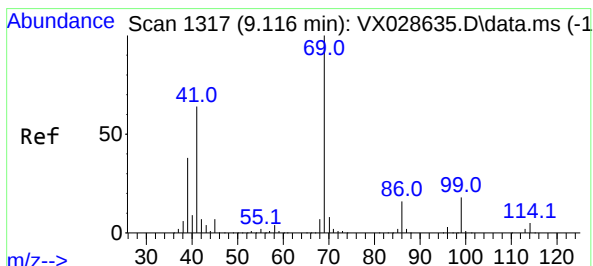
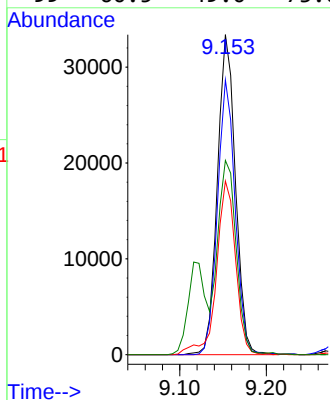
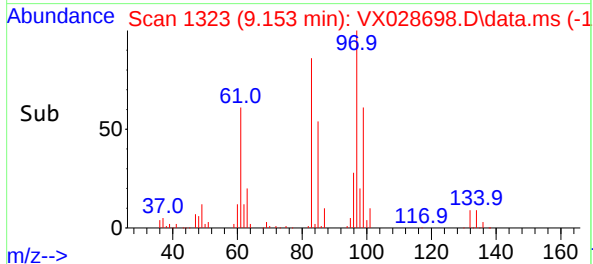


Tgt Ion: 97 Resp: 48420

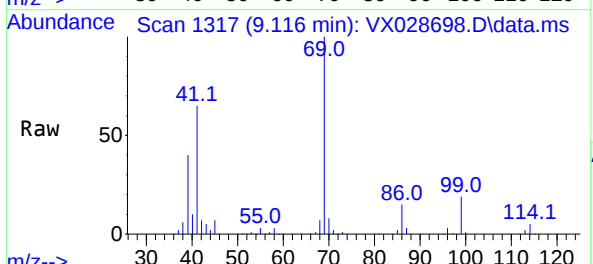
Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.2	99.4
85	54.1	42.9	64.3
99	60.5	49.0	73.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

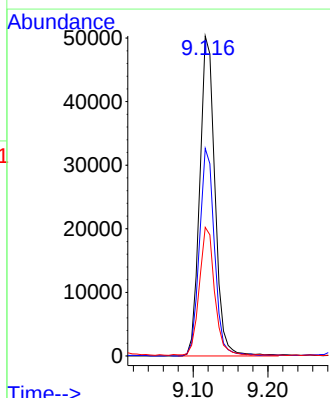
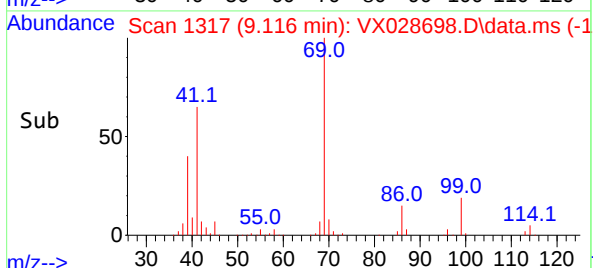


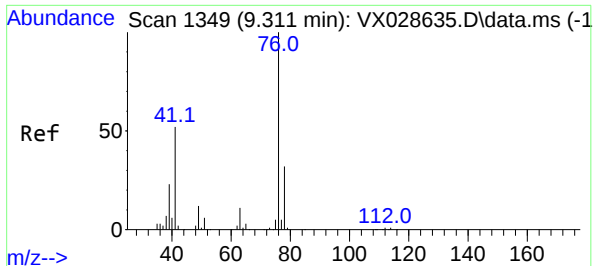
#56
Ethyl methacrylate
Concen: 18.710 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



Tgt Ion: 69 Resp: 71030

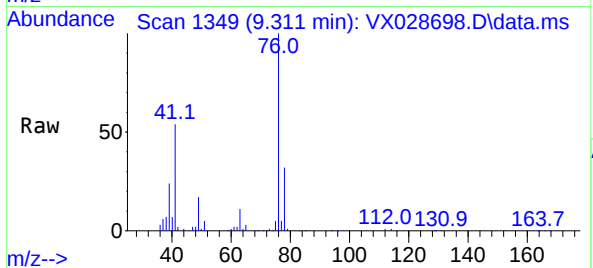
Ion	Ratio	Lower	Upper
69	100		
41	64.3	43.8	65.6
39	40.9	22.2	33.2





#57
1,3-Dichloropropane
Concen: 18.870 ug/l
RT: 9.311 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

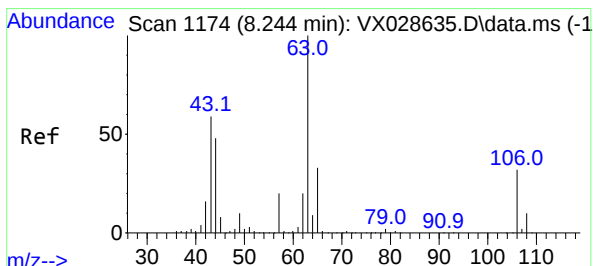
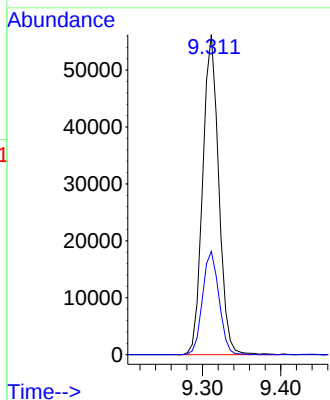
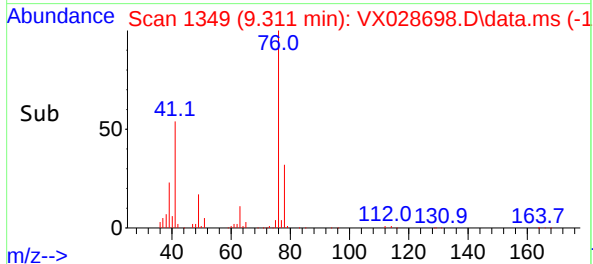
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



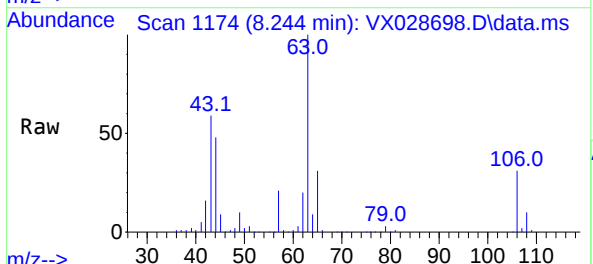
Tgt Ion: 76 Resp: 79788
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.8

Manual Integrations
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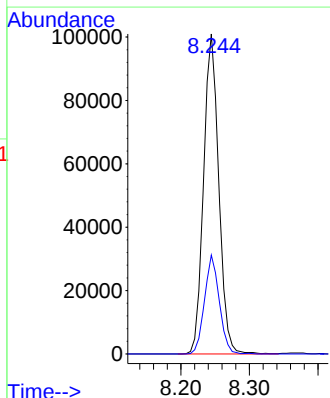
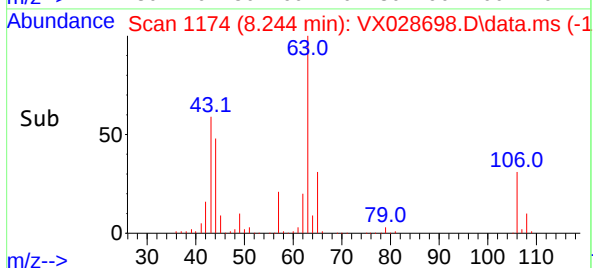
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#58
2-Chloroethyl Vinyl ether
Concen: 83.850 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



Tgt Ion: 63 Resp: 155848
Ion Ratio Lower Upper
63 100
106 30.0 23.9 35.9





#59

2-Hexanone

Concen: 96.489 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028698.D

Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

Tgt Ion: 43 Resp: 26831

Ion Ratio Lower Upper

43 100

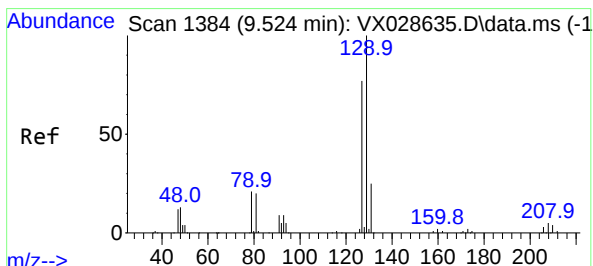
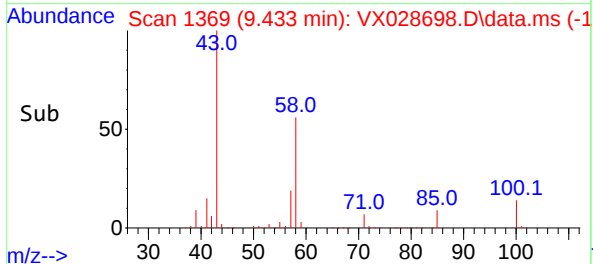
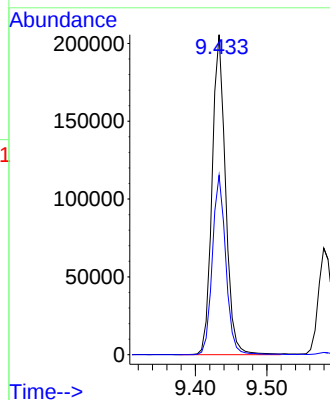
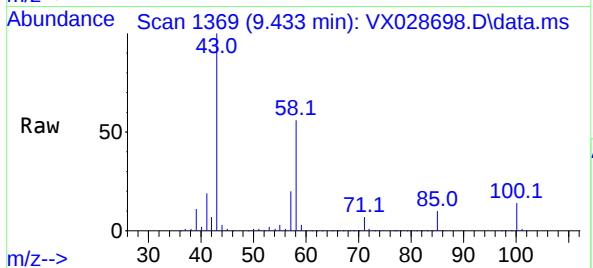
58 56.0 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#60

Dibromochloromethane

Concen: 18.245 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX028698.D

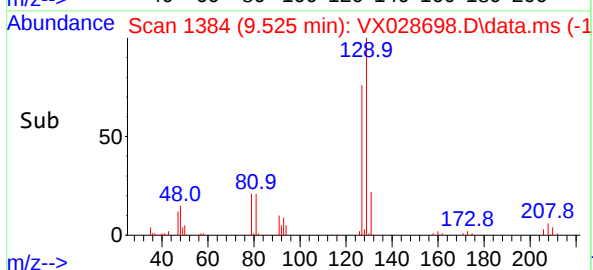
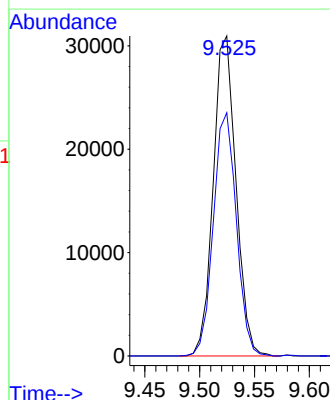
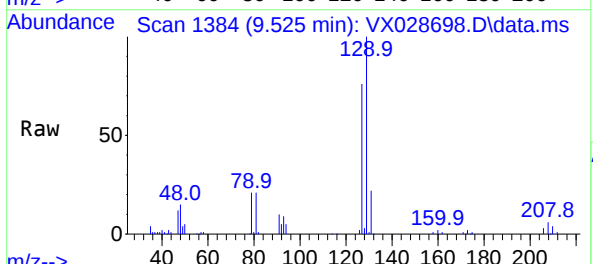
Acq: 13 May 2022 23:52

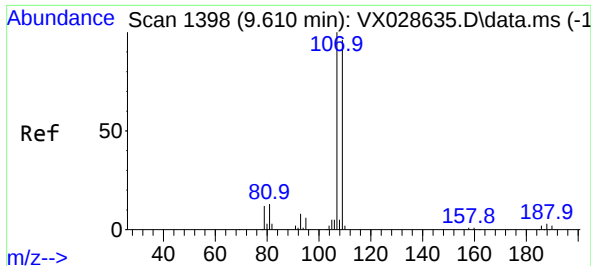
Tgt Ion:129 Resp: 44609

Ion Ratio Lower Upper

129 100

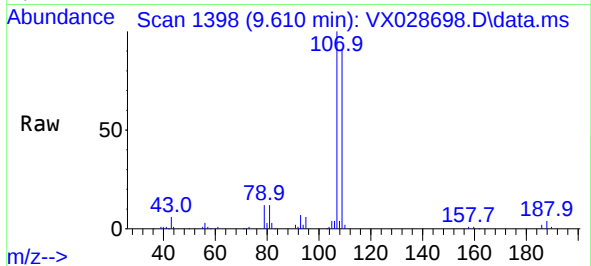
127 77.0 40.3 120.8





#61
1,2-Dibromoethane
Concen: 19.203 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

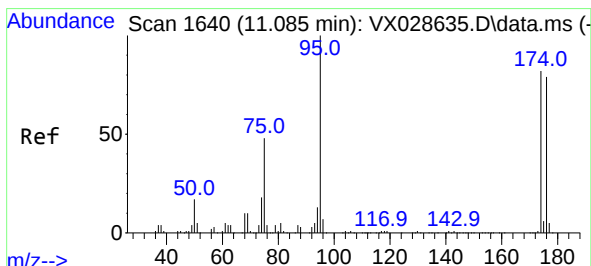
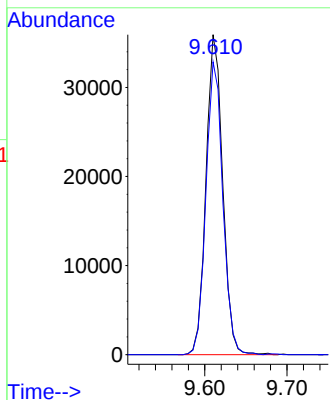
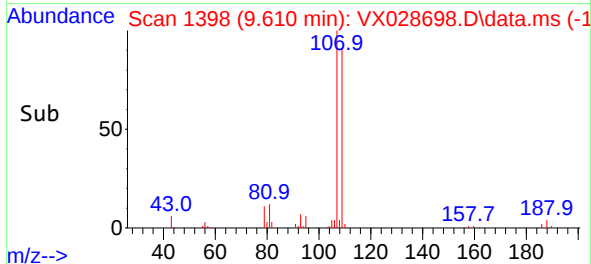
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



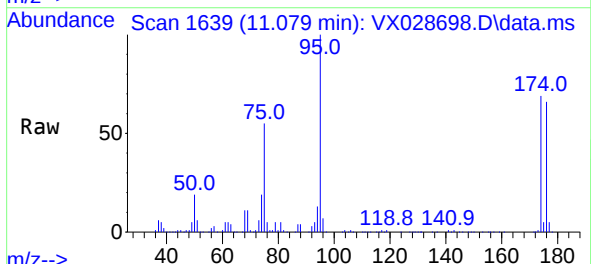
Tgt Ion:107 Resp: 5056
Ion Ratio Lower Upper
107 100
109 92.8 74.4 111.6

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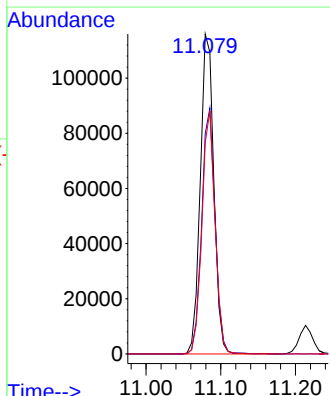
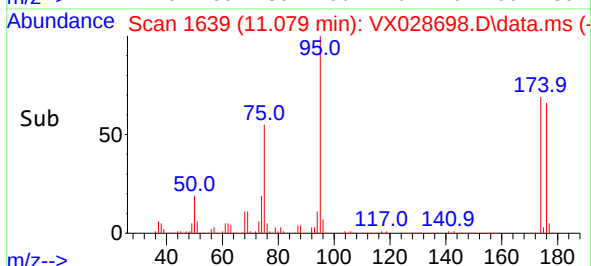
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

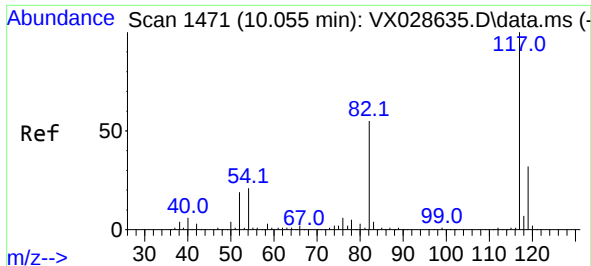


#62
4-Bromofluorobenzene
Concen: 46.733 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



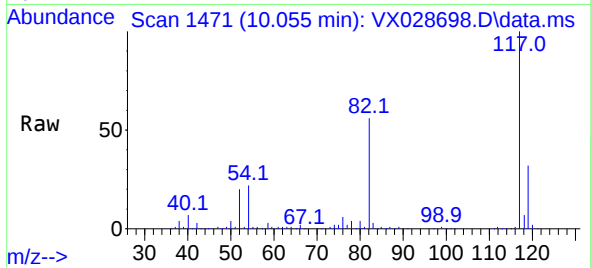
Tgt Ion: 95 Resp: 145704
Ion Ratio Lower Upper
95 100
174 76.0 0.0 163.0
176 73.5 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

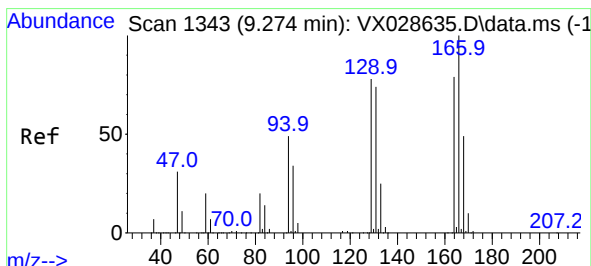
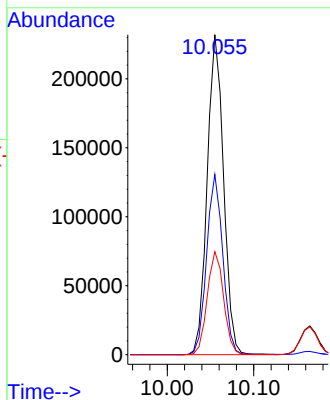
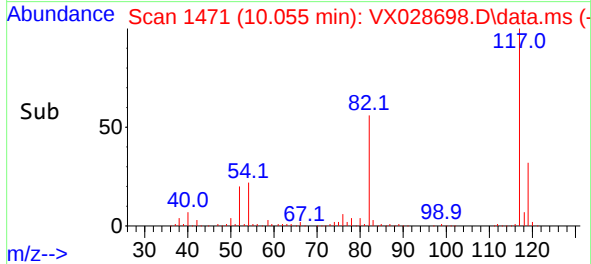
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



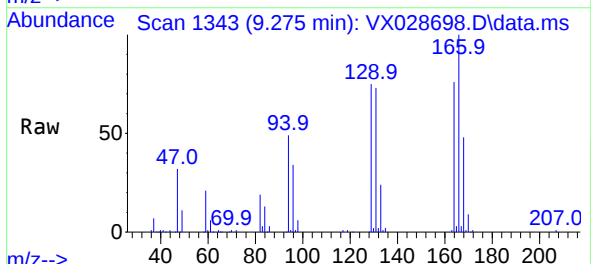
Tgt Ion:117 Resp: 304720
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 32.2 24.8 37.2

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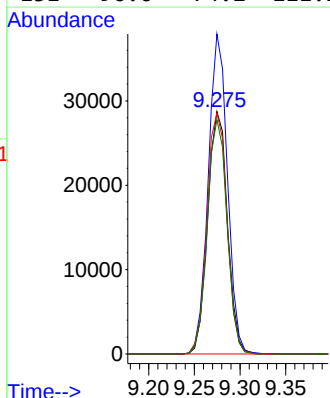
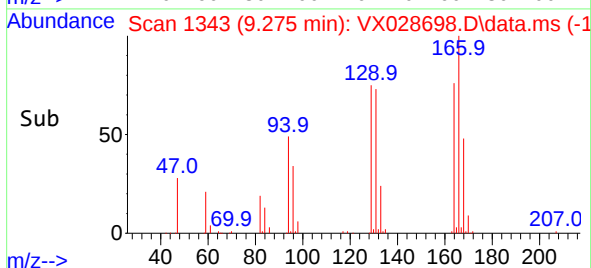
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#64
Tetrachloroethene
Concen: 18.791 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



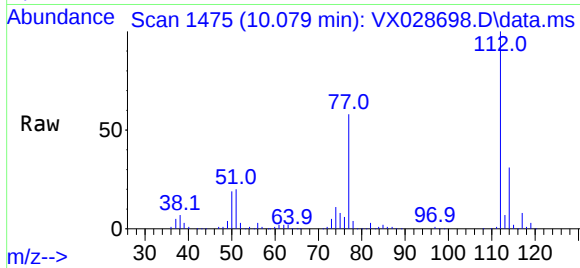
Tgt Ion:164 Resp: 43240
Ion Ratio Lower Upper
164 100
166 132.0 101.2 151.8
129 99.4 73.0 109.4
131 96.6 74.2 111.2





#65
Chlorobenzene
Concen: 18.993 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

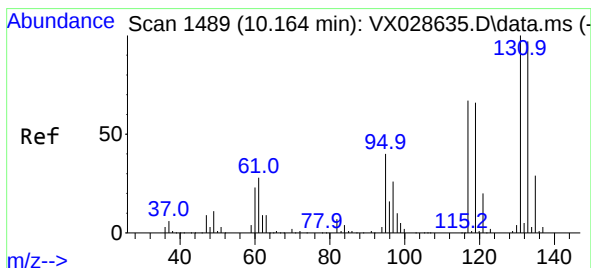
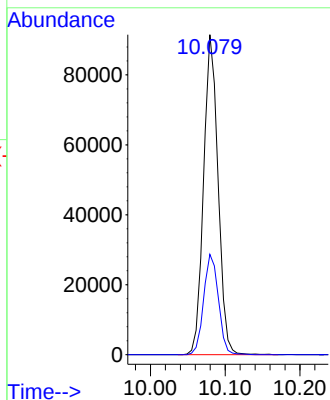
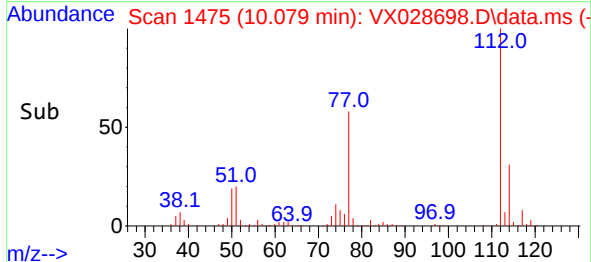
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



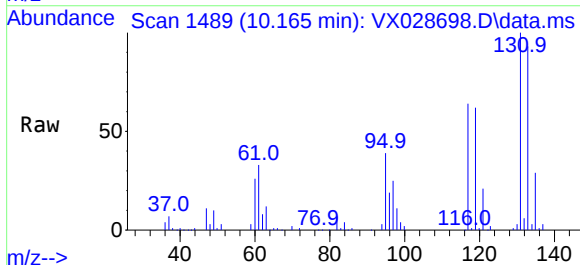
Tgt Ion:112 Resp: 122777
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8

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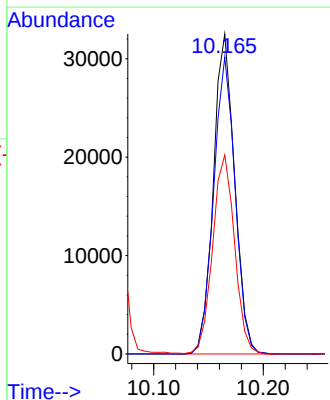
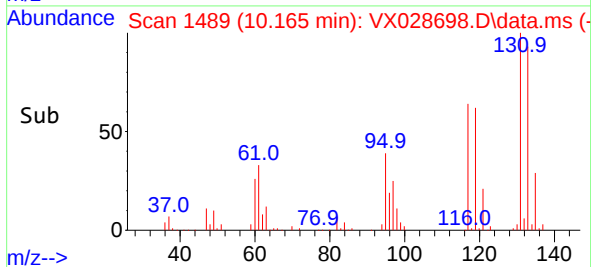
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

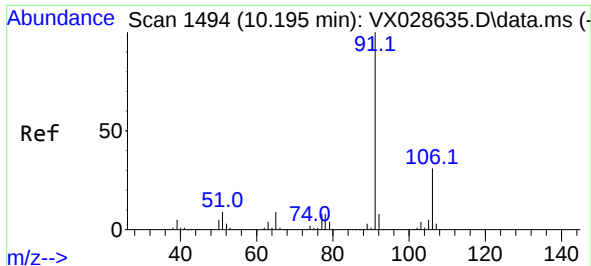


#66
1,1,1,2-Tetrachloroethane
Concen: 19.120 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



Tgt Ion:131 Resp: 43785
Ion Ratio Lower Upper
131 100
133 93.7 48.3 144.8
119 64.2 32.6 98.0





#67

Ethyl Benzene

Concen: 19.143 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028698.D

Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

Tgt Ion: 91 Resp: 221802

Ion Ratio Lower Upper

91 100

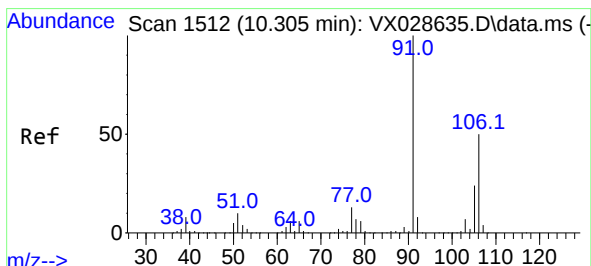
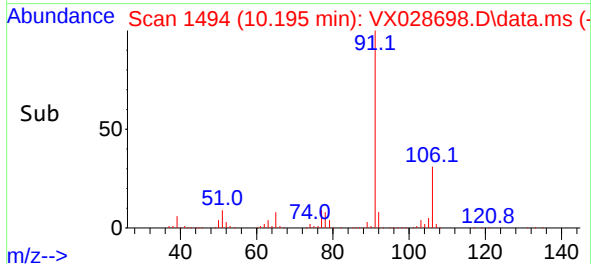
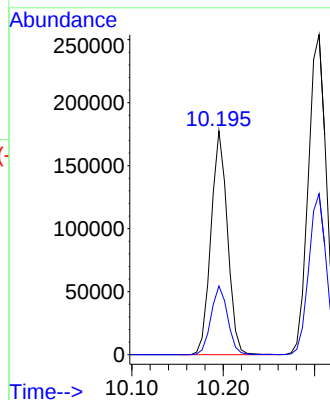
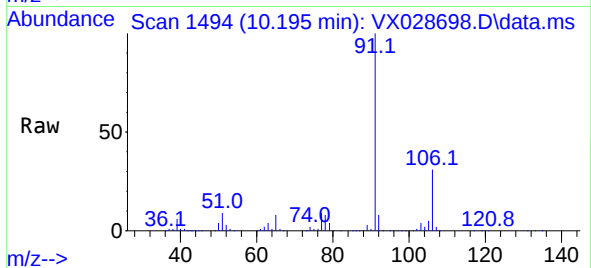
106 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#68

m/p-Xylenes

Concen: 37.970 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028698.D

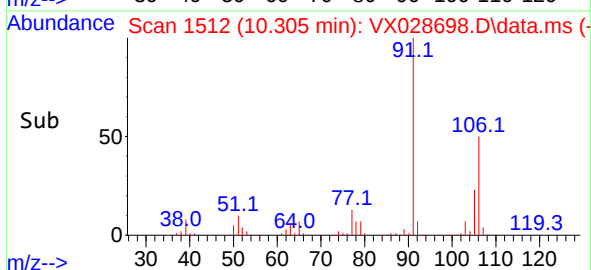
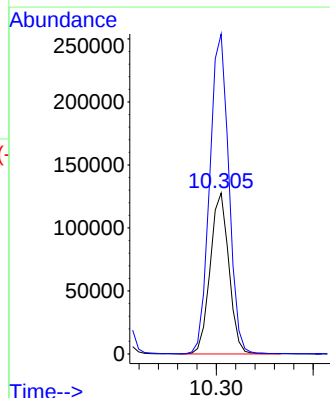
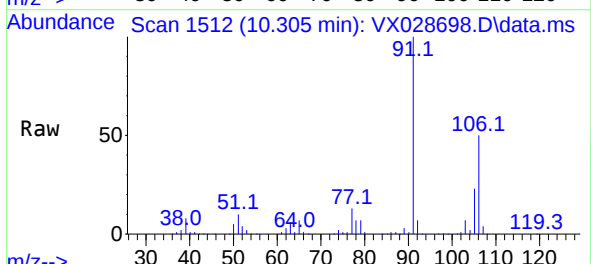
Acq: 13 May 2022 23:52

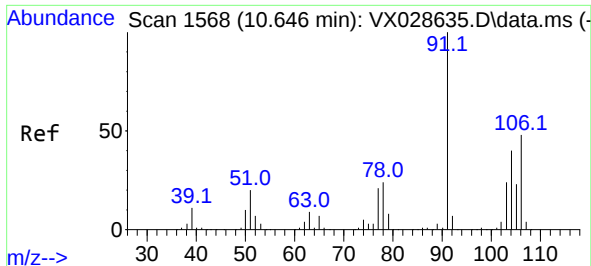
Tgt Ion:106 Resp: 171285

Ion Ratio Lower Upper

106 100

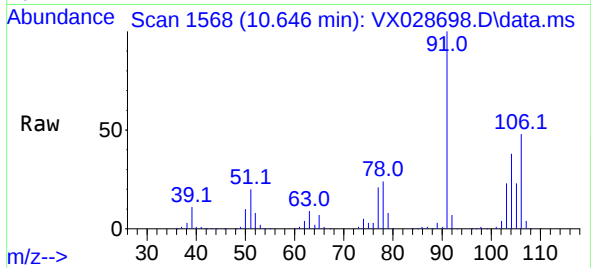
91 203.4 160.4 240.6





#69
o-Xylene
Concen: 18.720 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

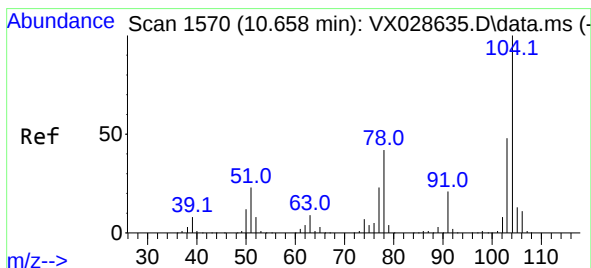
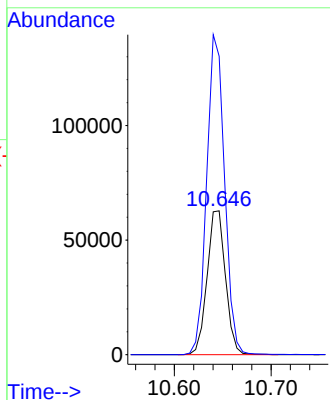
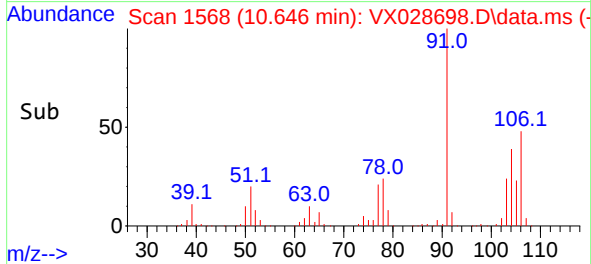
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



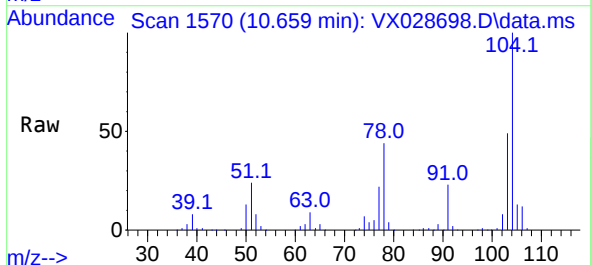
Tgt Ion:106 Resp: 8314
Ion Ratio Lower Upper
106 100
91 216.3 106.1 318.1

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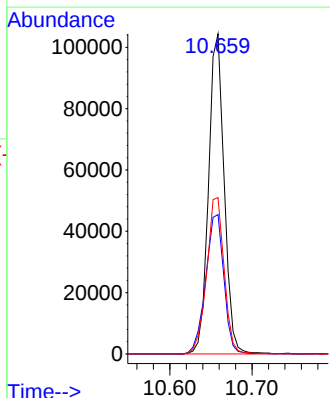
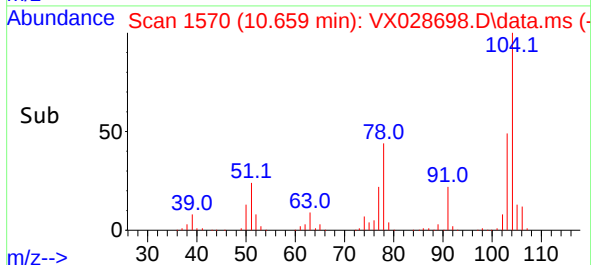
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#70
Styrene
Concen: 19.120 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



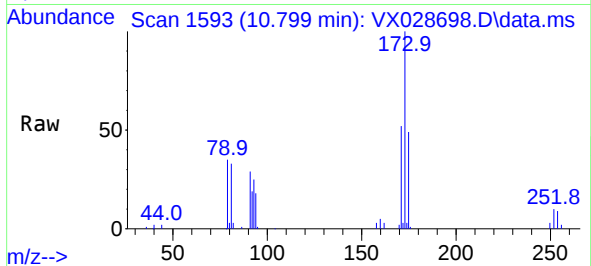
Tgt Ion:104 Resp: 137908
Ion Ratio Lower Upper
104 100
78 50.8 38.6 57.8
103 54.7 43.8 65.8





#71
Bromoform
Concen: 16.690 ug/l
RT: 10.799 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

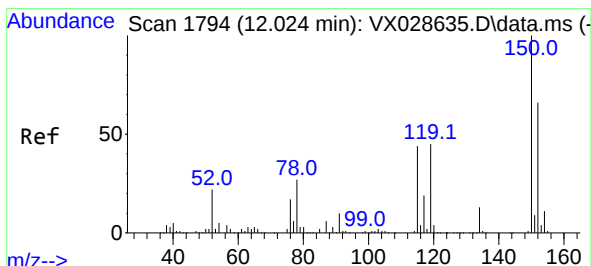
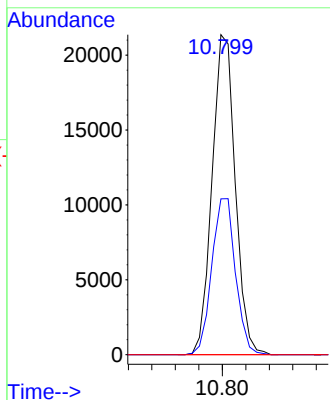
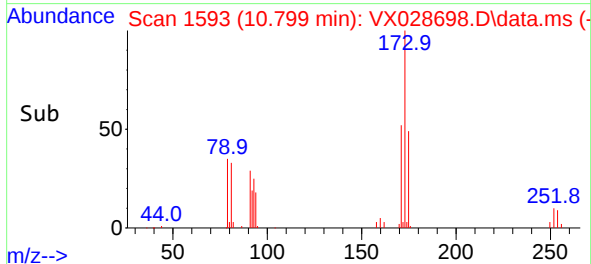
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



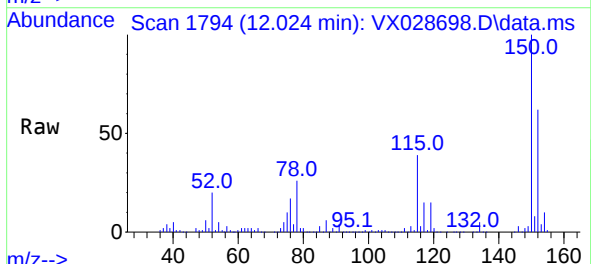
Tgt Ion:173 Resp: 29244
Ion Ratio Lower Upper
173 100
175 50.0 24.1 72.2
254 0.0 0.1 0.1

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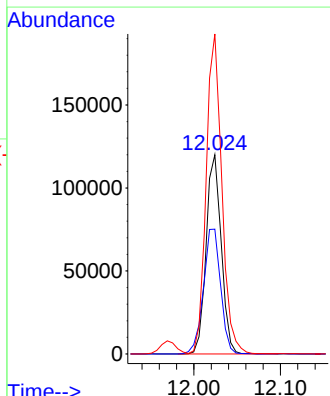
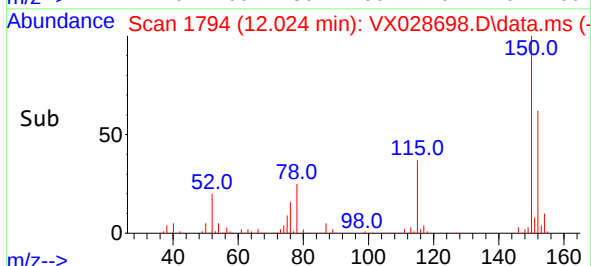
Reviewed By :John Carlone 05/16/2022
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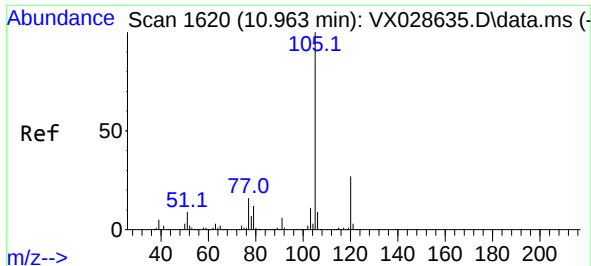


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



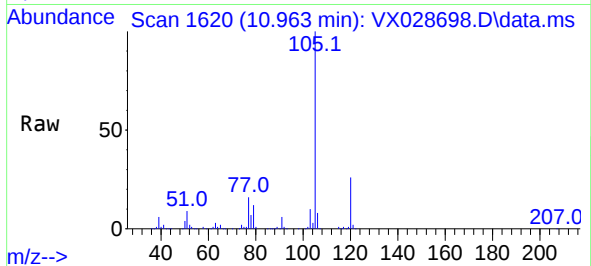
Tgt Ion:152 Resp: 145186
Ion Ratio Lower Upper
152 100
115 71.3 37.5 112.7
150 166.3 0.0 338.2





#73
Isopropylbenzene
Concen: 19.912 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

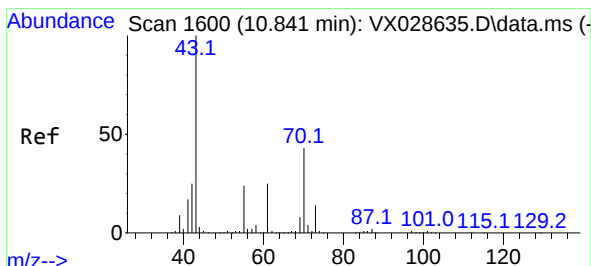
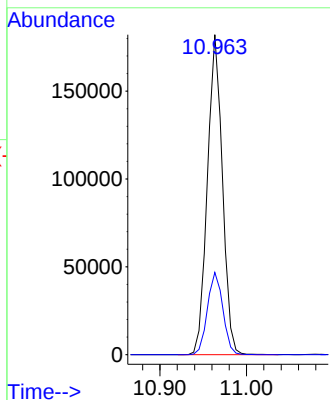
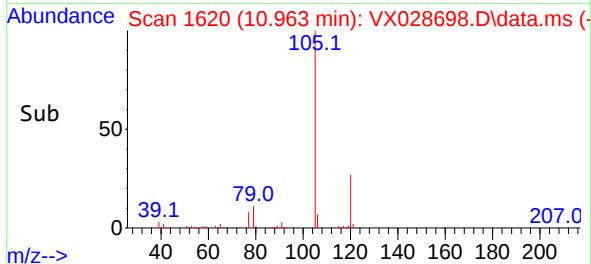
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



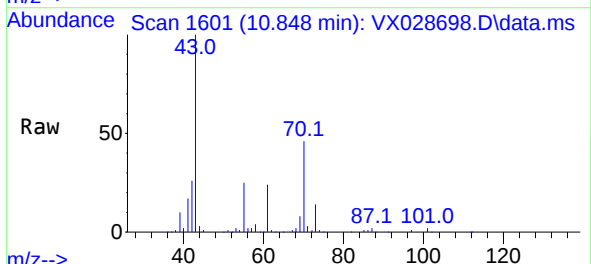
Tgt Ion:105 Resp: 219238
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.5

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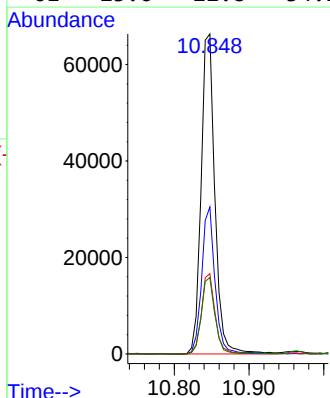
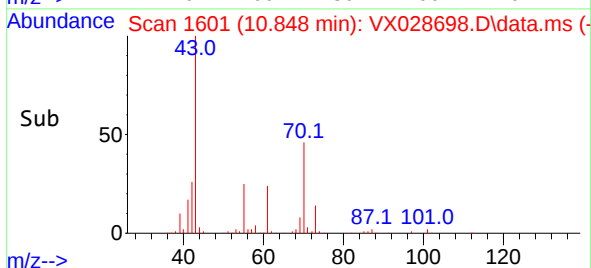
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

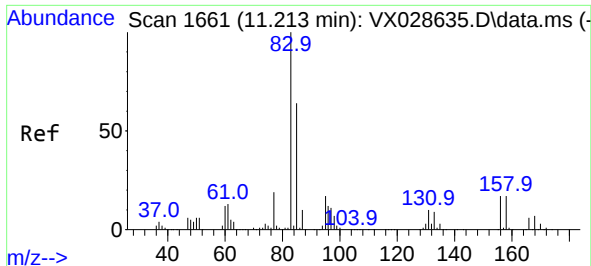


#74
N-ethyl acetate
Concen: 19.680 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.007 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



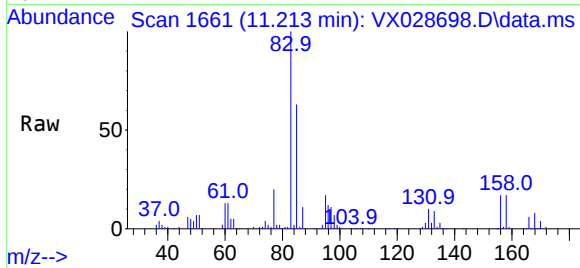
Tgt Ion: 43 Resp: 85175
Ion Ratio Lower Upper
43 100
70 44.1 42.5 63.7
55 24.9 23.1 34.7
61 23.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.011 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

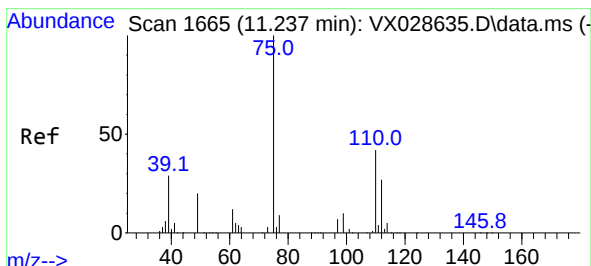
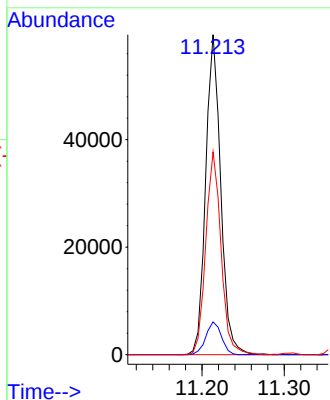
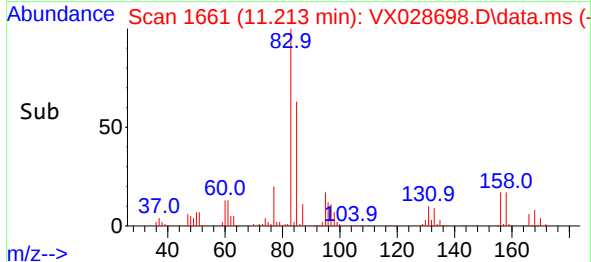
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



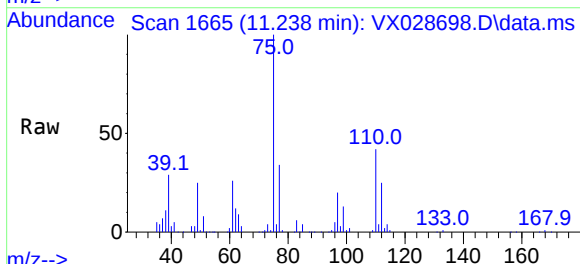
Tgt Ion: 83 Resp: 75580
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 64.3 32.6 97.7

Manual Integrations
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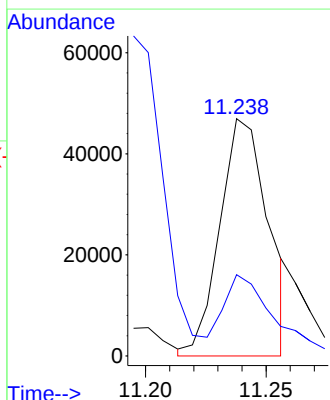
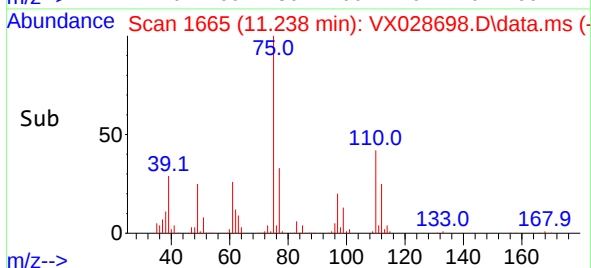
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

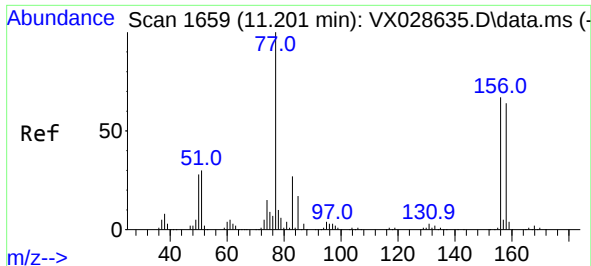


#76
1,2,3-Trichloropropane
Concen: 19.298 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



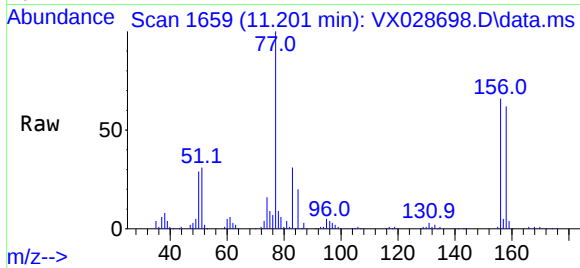
Tgt Ion: 75 Resp: 65616
Ion Ratio Lower Upper
75 100
77 36.0 19.4 58.2





#77
Bromobenzene
Concen: 19.526 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

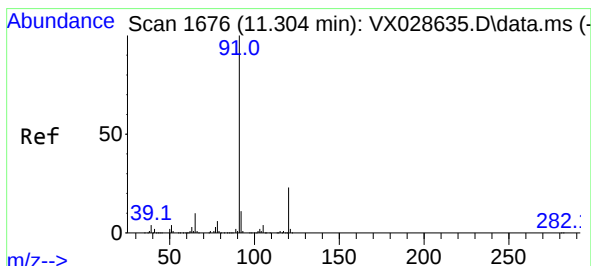
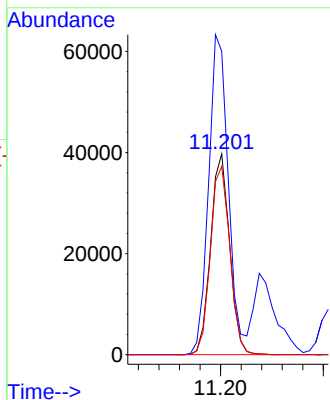
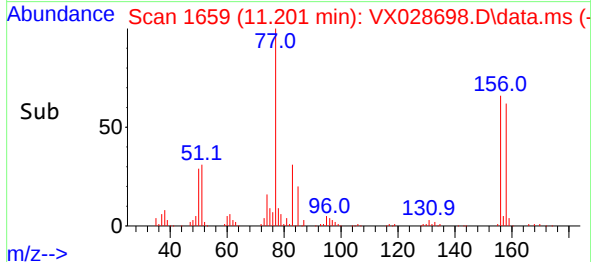
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



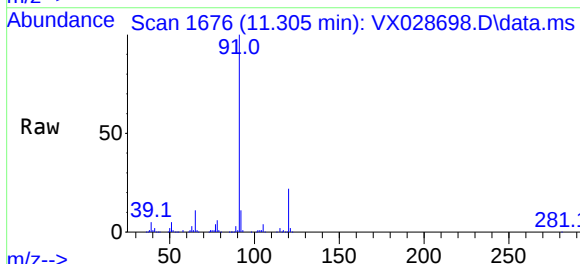
Tgt Ion:156 Resp: 5086
Ion Ratio Lower Upper
156 100
77 165.6 78.5 235.3
158 96.0 50.2 150.7

Manual Integrations
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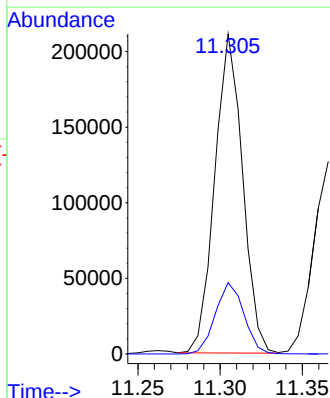
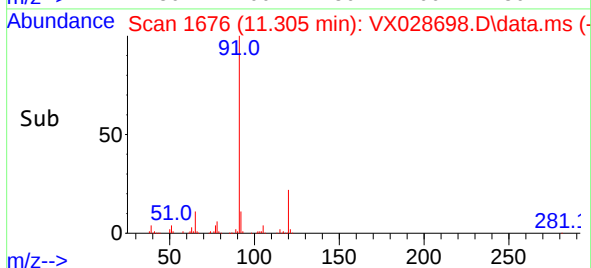
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#78
n-propylbenzene
Concen: 19.456 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



Tgt Ion: 91 Resp: 247791
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





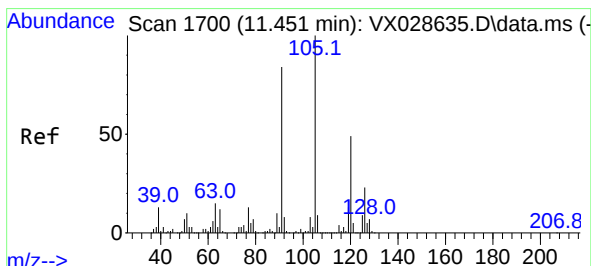
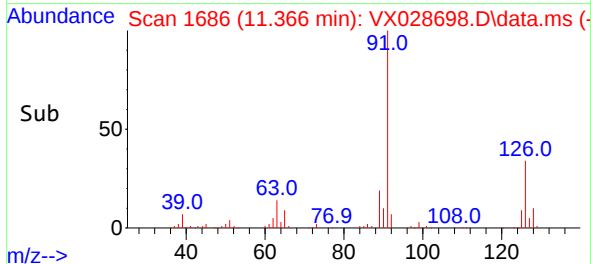
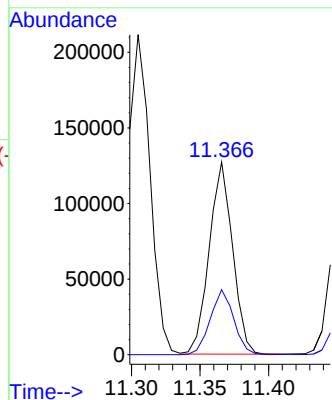
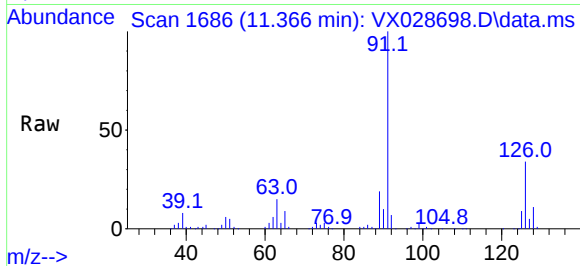
#79
2-Chlorotoluene
Concen: 19.339 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02

Tgt Ion: 91 Resp: 150950
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.9

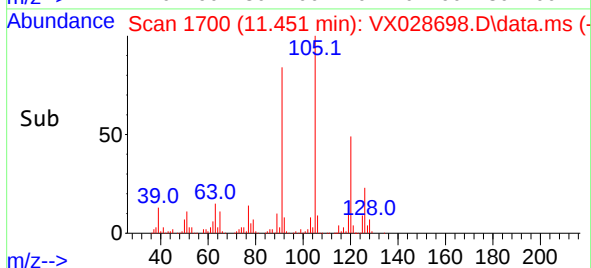
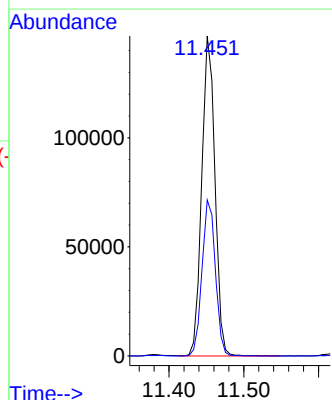
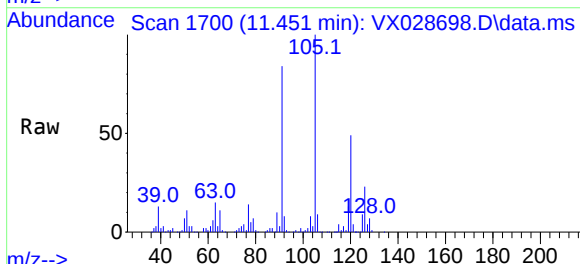
Manual Integrations
APPROVED

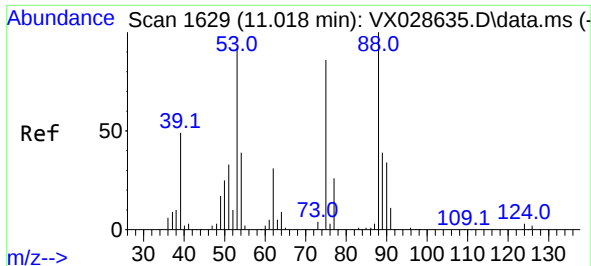
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.627 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

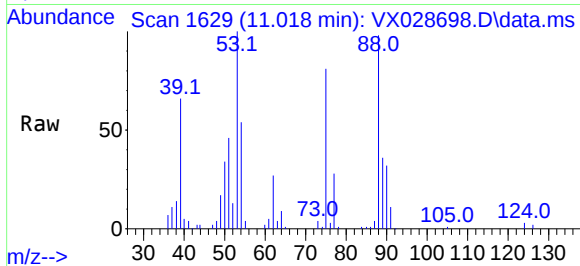
Tgt Ion:105 Resp: 180060
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 16.456 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

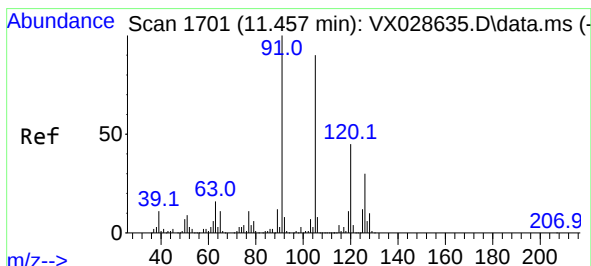
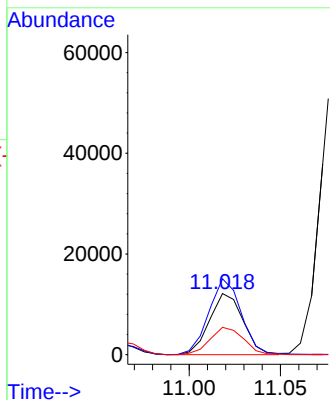
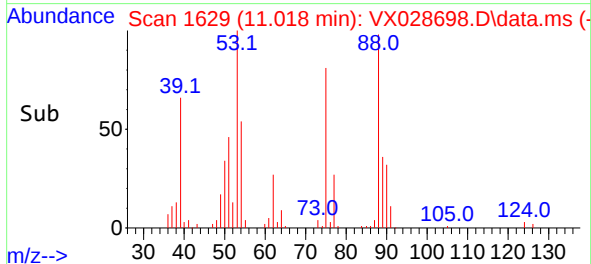
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



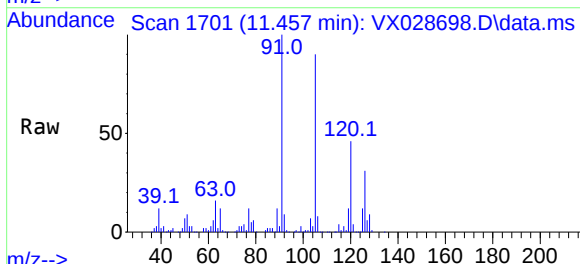
Tgt Ion: 75 Resp: 15548
Ion Ratio Lower Upper
75 100
53 120.4 69.0 103.4
89 44.8 37.0 55.6

Manual Integrations
APPROVED

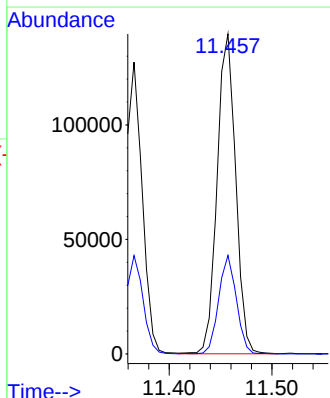
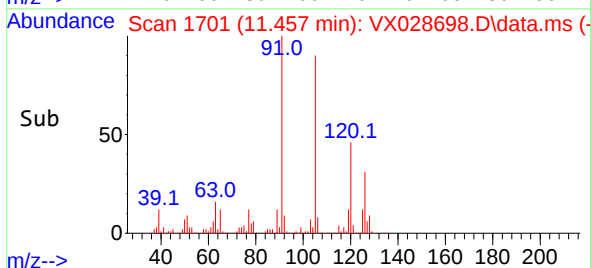
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#82
4-Chlorotoluene
Concen: 19.350 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



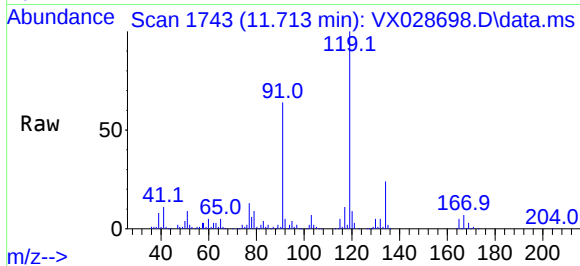
Tgt Ion: 91 Resp: 174619
Ion Ratio Lower Upper
91 100
126 29.6 14.9 44.5





#83
tert-Butylbenzene
Concen: 19.569 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

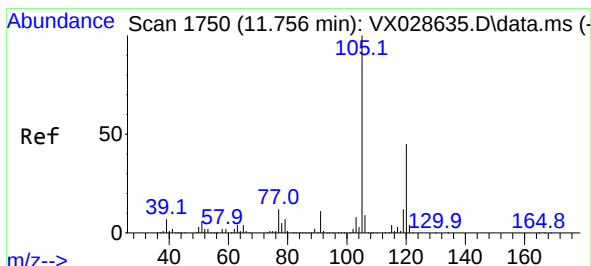
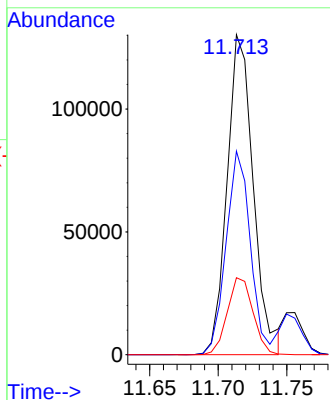
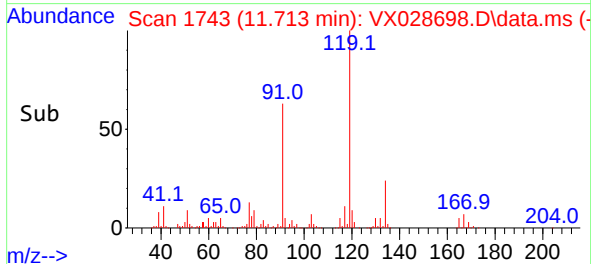
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



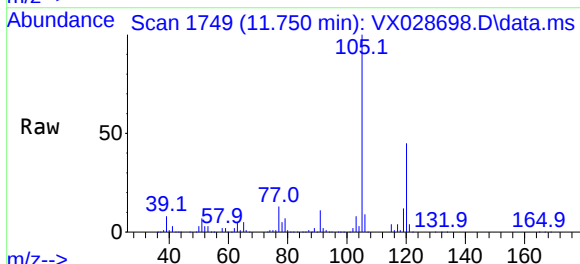
Tgt Ion:119 Resp: 17382
Ion Ratio Lower Upper
119 100
91 58.8 26.9 80.6
134 23.6 11.4 34.2

Manual Integrations
APPROVED

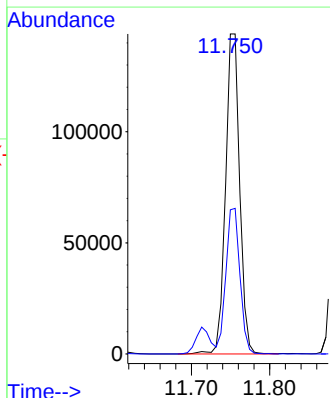
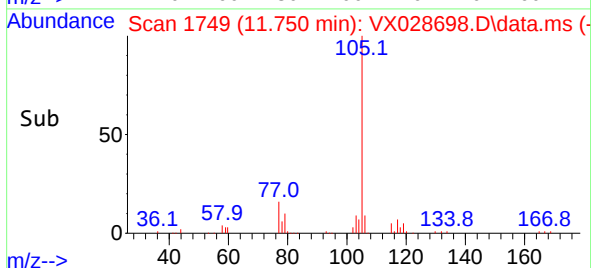
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

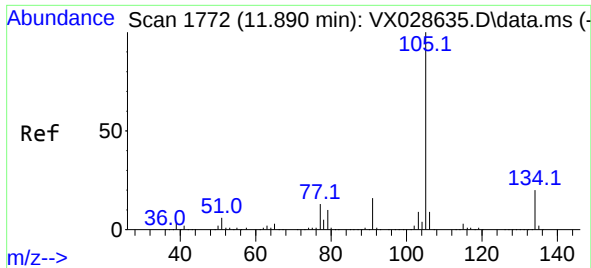


#84
1,2,4-Trimethylbenzene
Concen: 19.652 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



Tgt Ion:105 Resp: 180796
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 19.291 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028698.D
 Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

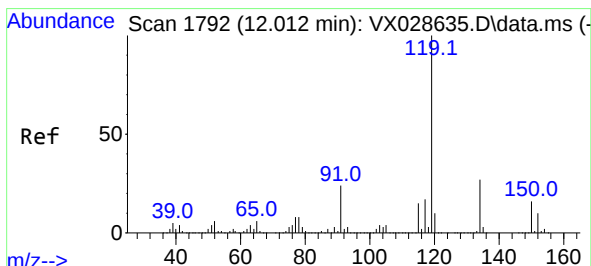
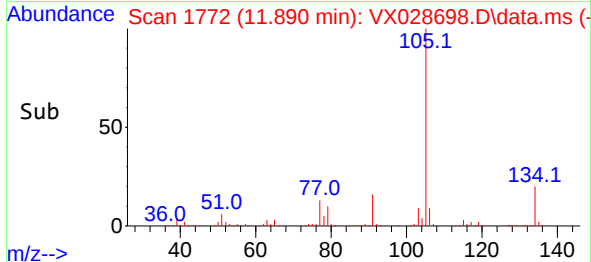
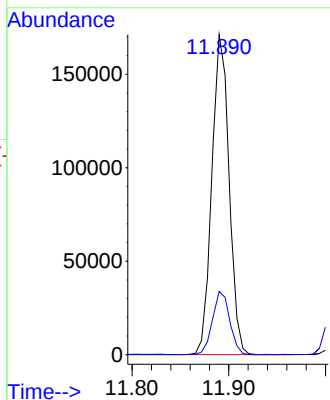
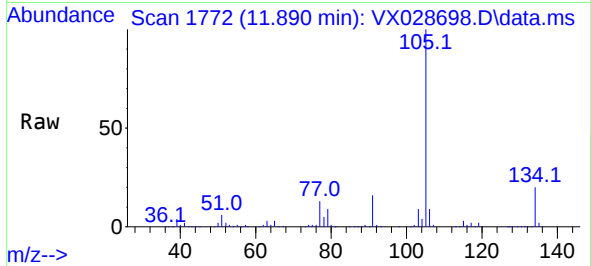
Tgt Ion:105 Resp: 211370
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4

Manual Integrations

APPROVED

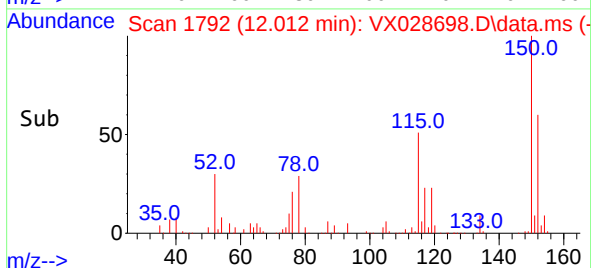
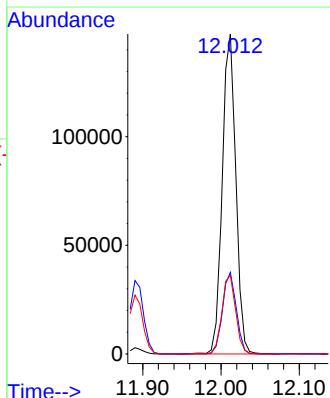
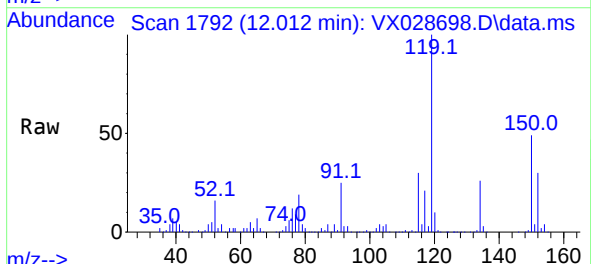
Reviewed By :John Carlone 05/16/2022

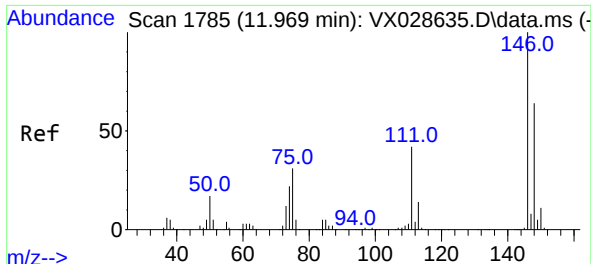
Supervised By :Mahesh Dadoda 05/16/2022



#86
 p-Isopropyltoluene
 Concen: 19.327 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028698.D
 Acq: 13 May 2022 23:52

Tgt Ion:119 Resp: 177697
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 25.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 19.078 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028698.D

Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

Tgt Ion:146 Resp: 9748

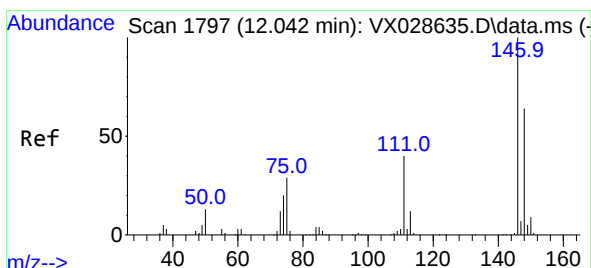
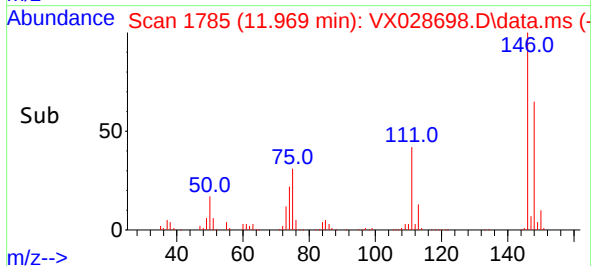
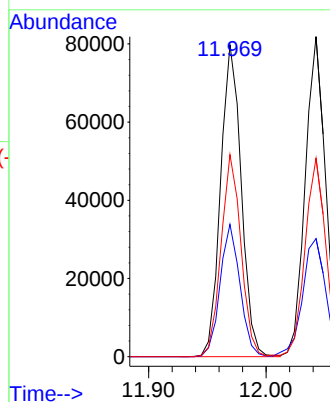
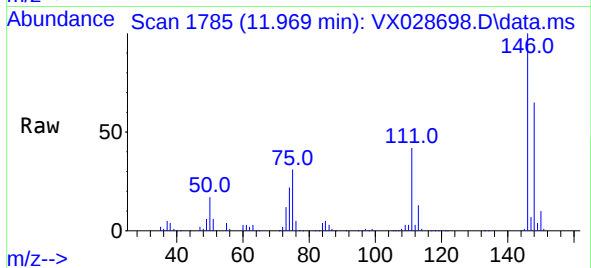
Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.7	59.1
148	62.7	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#88

1,4-Dichlorobenzene

Concen: 18.605 ug/l

RT: 12.042 min Scan# 1797

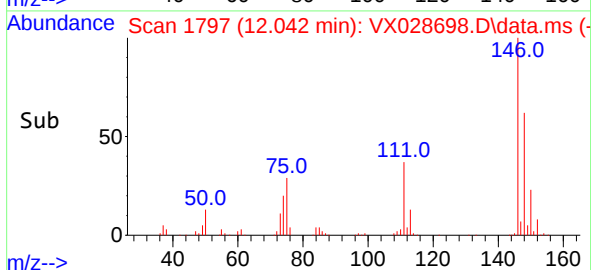
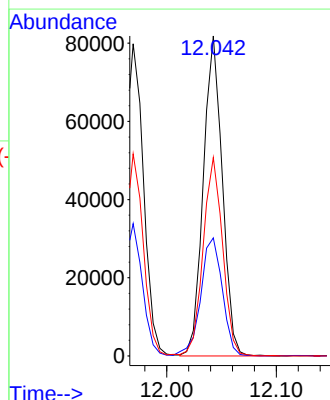
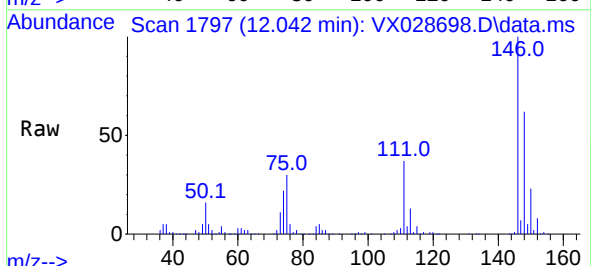
Delta R.T. 0.000 min

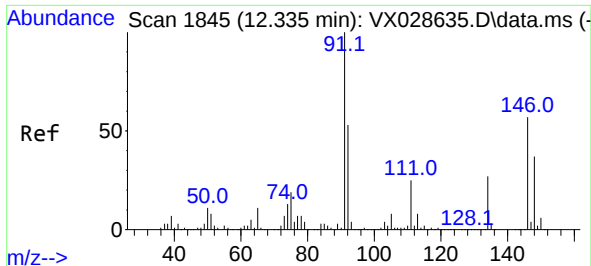
Lab File: VX028698.D

Acq: 13 May 2022 23:52

Tgt Ion:146 Resp: 98607

Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.2	57.6
148	63.3	32.3	96.9





#89

n-Butylbenzene

Concen: 18.655 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028698.D

Acq: 13 May 2022 23:52

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

Tgt Ion: 91 Resp: 148609

Ion Ratio Lower Upper

91 100

92 51.9 27.8 83.3

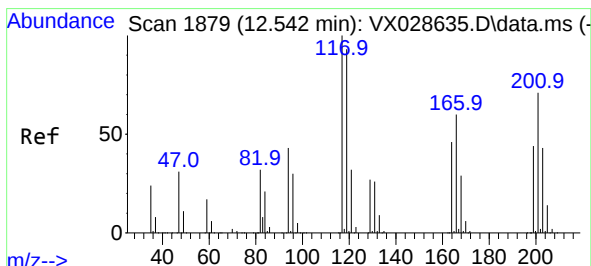
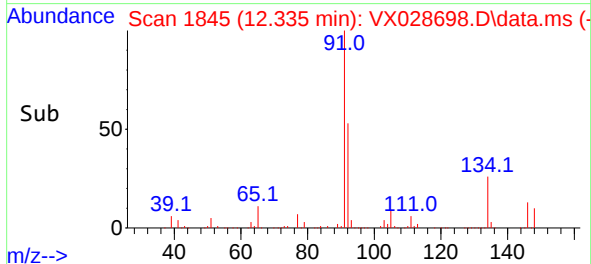
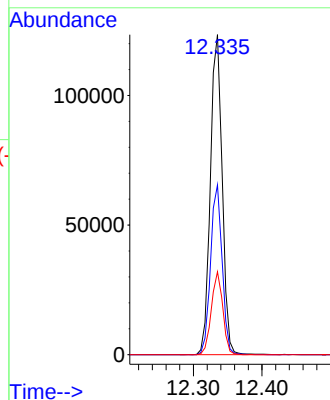
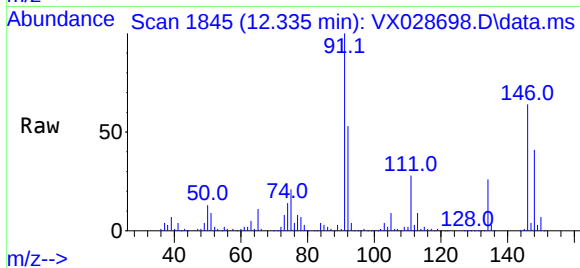
134 25.0 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#90

Hexachloroethane

Concen: 18.066 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX028698.D

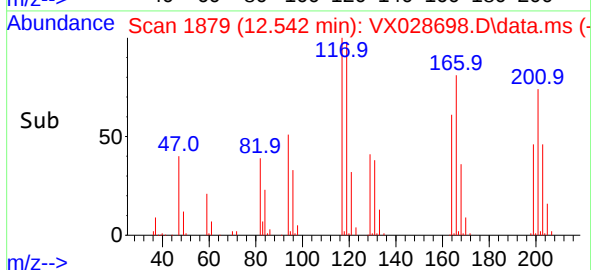
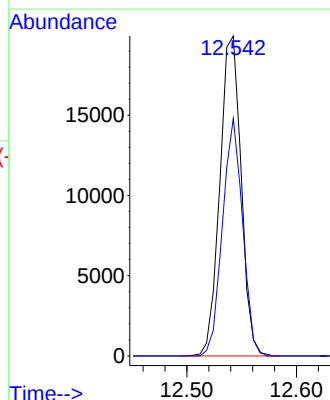
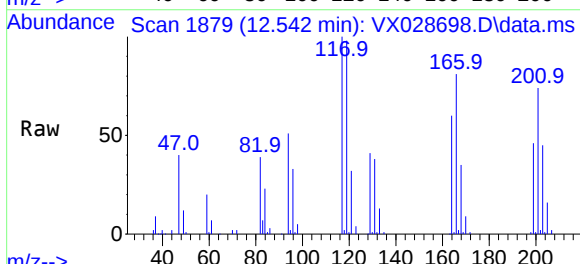
Acq: 13 May 2022 23:52

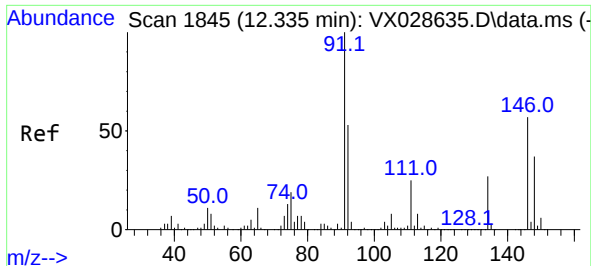
Tgt Ion:117 Resp: 26861

Ion Ratio Lower Upper

117 100

201 70.1 39.5 118.5





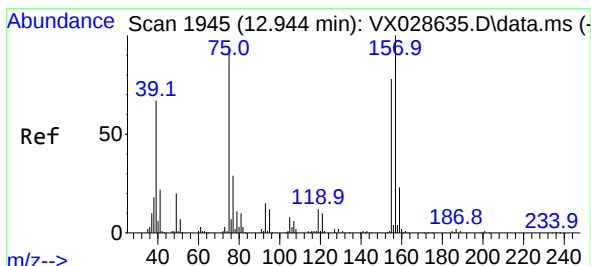
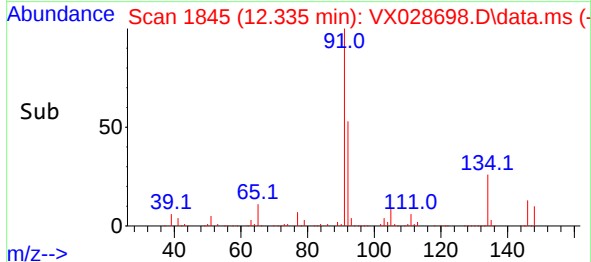
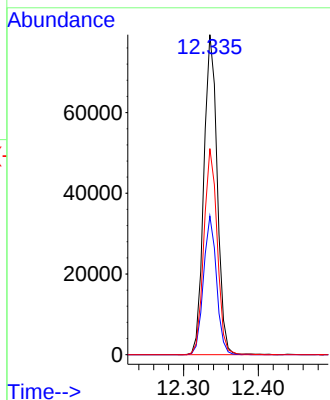
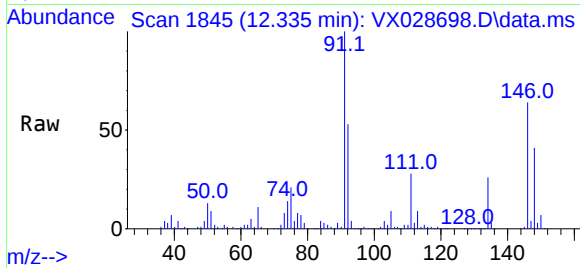
#91
1,2-Dichlorobenzene
Concen: 19.636 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02

Tgt Ion:146 Resp: 9856
Ion Ratio Lower Upper
146 100
111 42.0 21.0 63.0
148 64.2 32.6 97.7

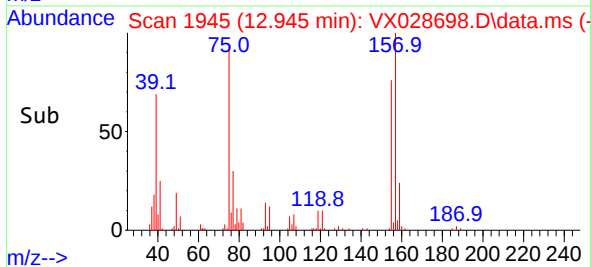
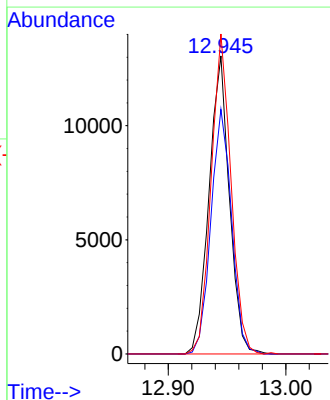
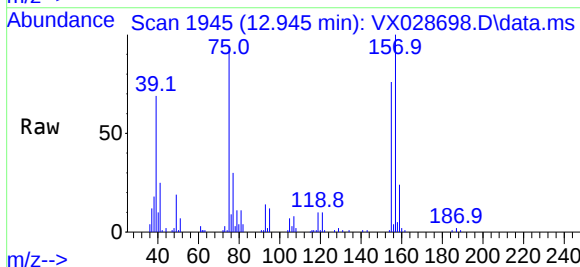
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.516 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

Tgt Ion: 75 Resp: 15740
Ion Ratio Lower Upper
75 100
155 83.0 47.0 141.2
157 104.4 57.9 173.6





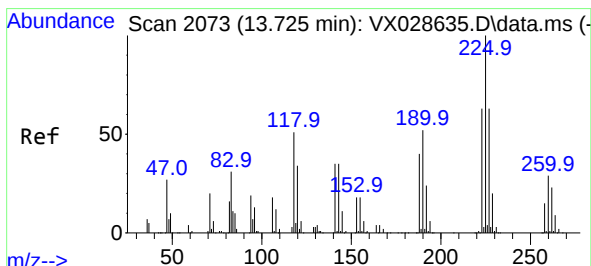
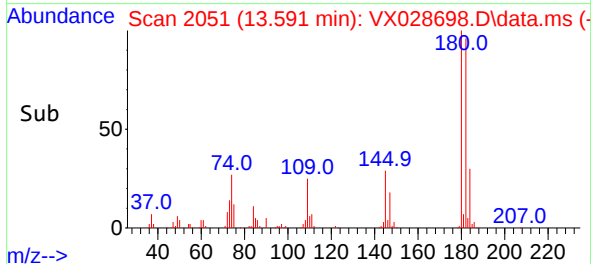
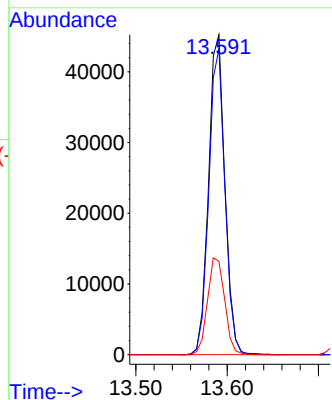
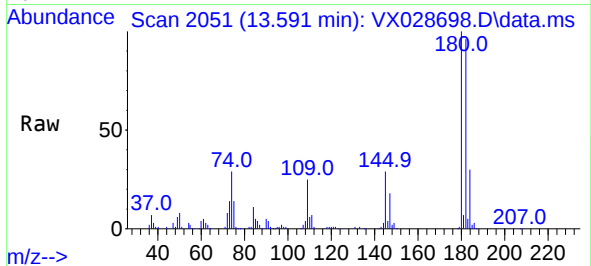
#93
1,2,4-Trichlorobenzene
Concen: 19.298 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02

Tgt Ion:180 Resp: 55950
Ion Ratio Lower Upper
180 100
182 94.2 47.7 143.1
145 31.8 15.2 45.5

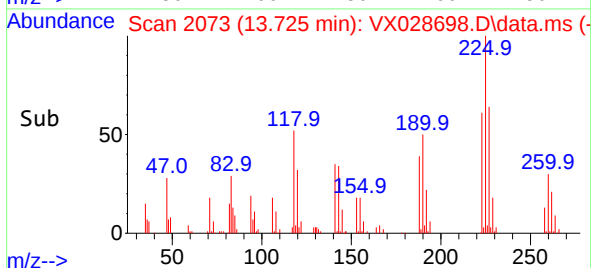
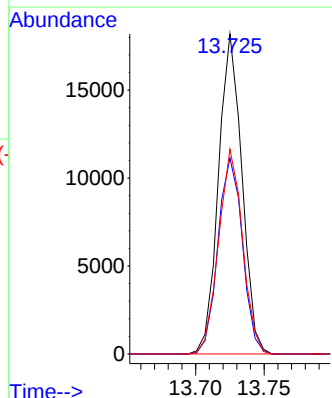
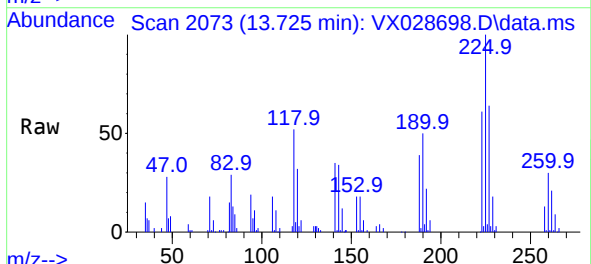
Manual Integrations
APPROVED

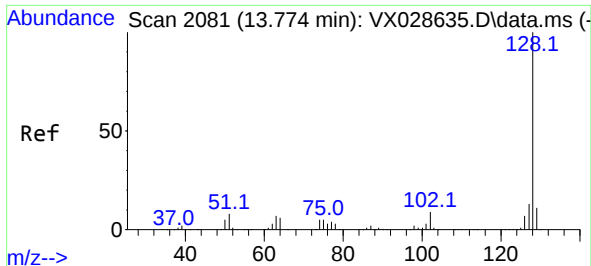
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#94
Hexachlorobutadiene
Concen: 18.352 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

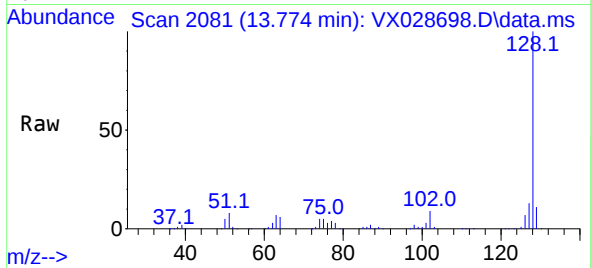
Tgt Ion:225 Resp: 21615
Ion Ratio Lower Upper
225 100
223 63.9 34.2 102.5
227 65.5 33.9 101.7





#95
Naphthalene
Concen: 20.299 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52

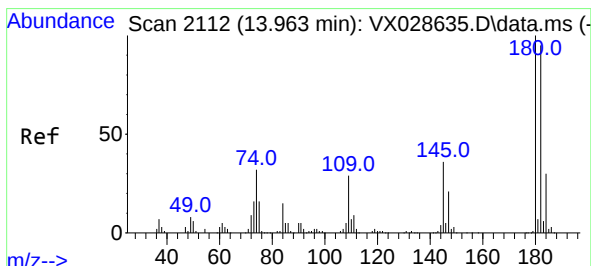
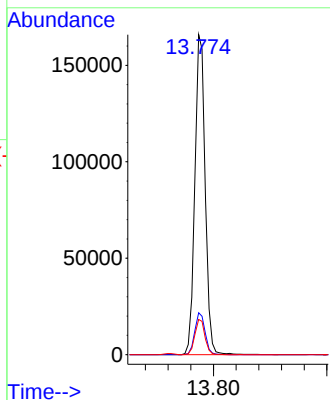
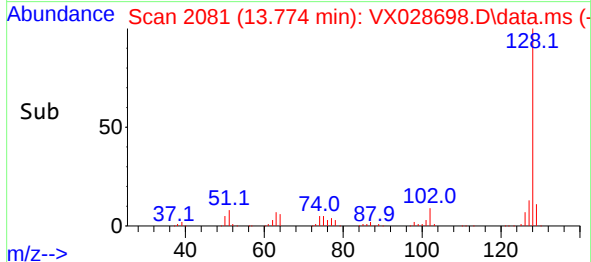
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02



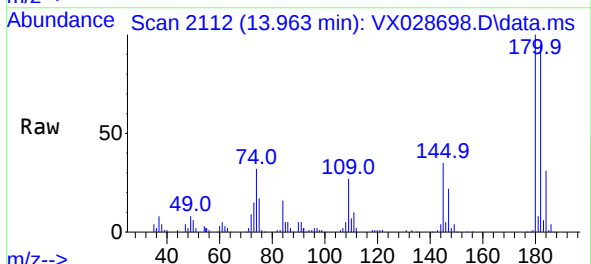
Tgt Ion:128 Resp: 20942
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.010 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028698.D
Acq: 13 May 2022 23:52



Tgt Ion:180 Resp: 55356
Ion Ratio Lower Upper
180 100
182 95.6 50.0 149.8
145 35.0 16.2 48.5

