

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035807.D
 Acq On : 23 May 2023 10:52
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

Quant Time: May 23 11:19:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:17:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	36785	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	218755	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	197235	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	92645	26.884	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	89.600%	#	
60) 4-Bromofluorobenzene	11.079	95	101659	26.452	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	88.167%		
63) Toluene-d8	8.647	98	260531	36.679	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	122.267%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	331707	107.704	ug/l	98
3) Chloromethane	1.295	50	352299	87.621	ug/l	98
4) Vinyl Chloride	1.374	62	347785	87.872	ug/l	96
5) Bromomethane	1.618	94	216732	82.685	ug/l	98
6) Chloroethane	1.691	64	221191	85.536	ug/l	98
7) Trichlorofluoromethane	1.886	101	565569	90.555	ug/l	100
8) Diethyl Ether	2.130	74	203084	87.759	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	305482	96.078	ug/l	99
10) 1,1-Dichloroethene	2.319	96	294070	89.713	ug/l	97
11) Methyl Iodide	2.453	142	380036	90.906	ug/l	96
12) Methyl Acetate	2.709	43	807874	107.216	ug/l	99
13) Acrolein	2.240	56	304456	368.814	ug/l	100
14) Acrylonitrile	3.075	53	983294	482.029	ug/l	99
15) Acetone	2.404	58	265988	471.378	ug/l	98
16) Carbon Disulfide	2.514	76	715985	86.445	ug/l	99
17) Allyl chloride	2.660	41	607732	94.889	ug/l	98
18) Methylene Chloride	2.788	84	356252	91.171	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	316991	87.315	ug/l	93
20) Diisopropyl ether	3.764	45	1206340	91.611	ug/l #	87
21) 1,1-Dichloroethane	3.605	63	653675	93.013	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	393327	92.815	ug/l	99
23) tert-Butyl Alcohol	3.081	59	376135m	416.342	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	1125486	91.108	ug/l	94
25) Chloroform	5.093	83	658145	91.692	ug/l	99
26) Cyclohexane	5.471	56	550832	91.959	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	484062	104.687	ug/l	98
30) 2-Butanone	4.568	43	1433333	540.864	ug/l	99
31) 2,2-Dichloropropane	4.471	77	539053	113.935	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	572133	105.460	ug/l	100
33) Carbon Tetrachloride	5.678	117	476288	106.858	ug/l	95
34) Benzene	6.038	78	1397441	102.739	ug/l	100
35) Methacrylonitrile	4.922	41	321414	111.152	ug/l	97
36) 1,2-Dichloroethane	6.086	62	541705	100.939	ug/l	100
37) Trichloroethene	7.123	130	362123	104.349	ug/l	95
38) Methylcyclohexane	7.379	83	579177	117.784	ug/l	98
39) 1,2-Dichloropropane	7.428	63	380182	106.824	ug/l	98
40) Dibromomethane	7.580	93	261843	107.409	ug/l	97
41) Bromodichloromethane	7.824	83	506912	110.480	ug/l #	99
42) Vinyl Acetate	3.721	43	4423206	524.028	ug/l	100

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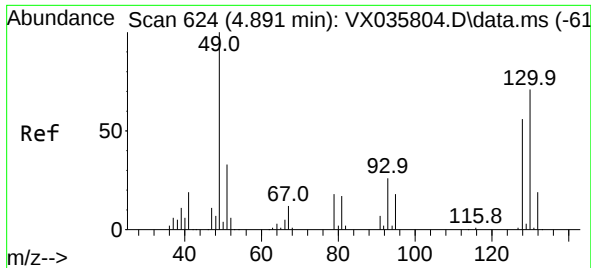
Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2023
 Supervised By : Mahesh Dadoda 05/25/2023

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	562826	110.775	ug/l	99
44) Isopropyl Acetate	6.342	43	955591	111.205	ug/l	100
45) 1,4-Dioxane	7.739	88	165410	1942.828	ug/l #	84
46) Methyl methacrylate	7.690	41	467280	111.398	ug/l	98
47) n-amyl Acetate	10.842	43	816155	109.317	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	587991	117.233	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	621570	112.756	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	362914	105.894	ug/l	99
51) Ethyl methacrylate	9.116	69	600470	109.269	ug/l	98
52) 1,3-Dichloropropane	9.311	76	631707	104.718	ug/l	99
53) Dibromochloromethane	9.525	129	380317	113.211	ug/l	100
54) 1,2-Dibromoethane	9.610	107	386604	105.716	ug/l	99
55) 2-Chloroethyl vinyl ether	8.245	63	1531103	526.539	ug/l	99
56) Bromoform	10.799	173	259997	112.586	ug/l	97
58) 4-Methyl-2-Pentanone	8.580	43	2734206	625.716	ug/l	99
59) 2-Hexanone	9.433	43	2039923	617.016	ug/l	100
61) Tetrachloroethene	9.275	164	284623	113.172	ug/l	97
62) Toluene	8.720	91	1470183	118.917	ug/l	99
64) Chlorobenzene	10.080	112	934089	121.840	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	351321	129.061	ug/l	99
66) Ethyl Benzene	10.195	91	1701535	123.737	ug/l	99
67) m/p-Xylenes	10.299	106	1276506	242.741	ug/l	97
68) o-Xylene	10.640	106	638249	122.620	ug/l	99
69) Styrene	10.659	104	1077184	125.240	ug/l	99
70) Isopropylbenzene	10.964	105	1678349	125.134	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	552361	123.740	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	517205m	129.373	ug/l	
73) Bromobenzene	11.195	156	389479	120.355	ug/l	94
74) n-propylbenzene	11.305	91	2025591	129.238	ug/l	99
75) 2-Chlorotoluene	11.366	91	1204081	123.076	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	1417809	125.195	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	186561	150.472	ug/l	92
78) 4-Chlorotoluene	11.457	91	1376979	122.379	ug/l	100
79) tert-butylbenzene	11.713	119	1389226	128.592	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	1408569	124.583	ug/l	100
81) sec-Butylbenzene	11.890	105	1805744	137.663	ug/l	100
82) p-Isopropyltoluene	12.012	119	1483969	133.839	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	737320	120.489	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	742523	120.520	ug/l	99
85) n-Butylbenzene	12.335	91	1377233	144.359	ug/l	99
86) Hexachloroethane	12.536	117	264812	146.134	ug/l	93
87) 1,2-Dichlorobenzene	12.335	146	694444	115.692	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	123998	128.265	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	461579	128.675	ug/l	99
90) Hexachlorobutadiene	13.725	225	180461	134.501	ug/l	99
91) Naphthalene	13.774	128	1565787	124.272	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	450395	126.172	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



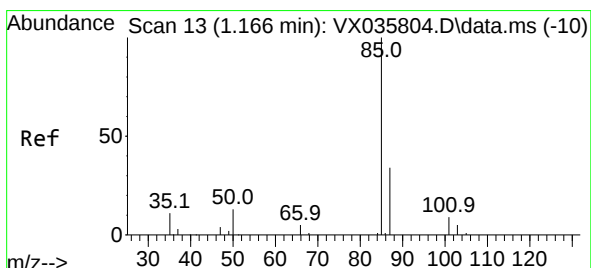
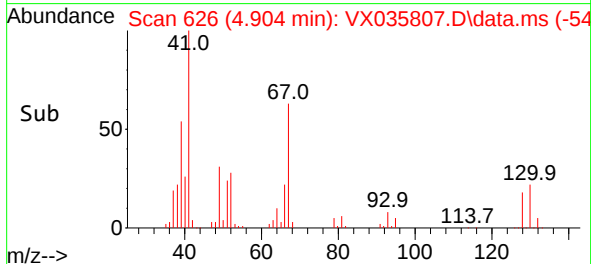
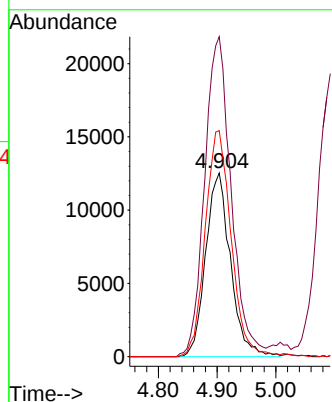
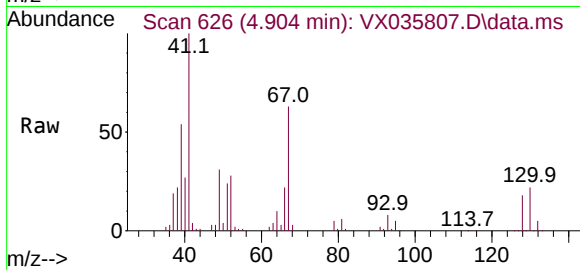
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 3678
Ion Ratio Lower Upper
128 100
49 186.3 0.0 428.8
130 128.7 0.0 310.8

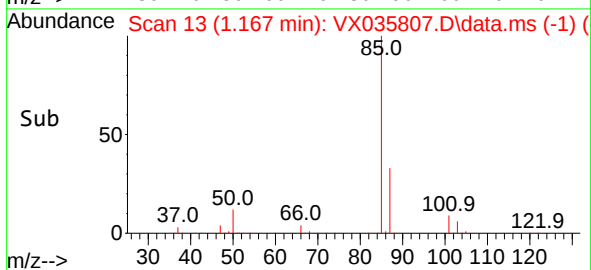
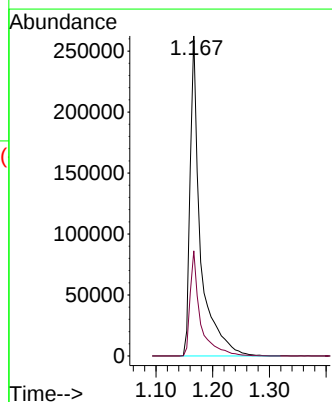
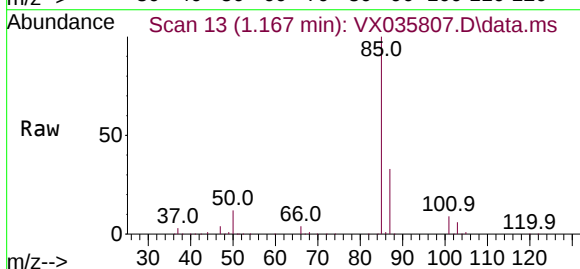
Manual Integrations
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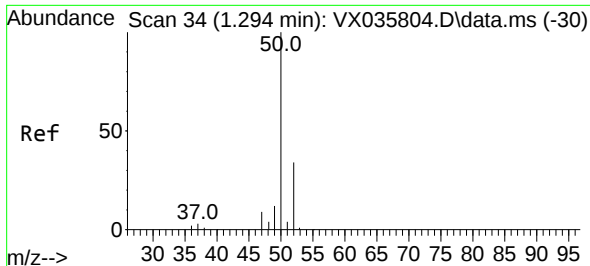
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#2
Dichlorodifluoromethane
Concen: 107.704 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

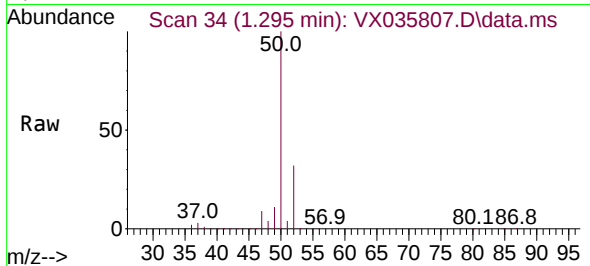
Tgt Ion: 85 Resp: 331707
Ion Ratio Lower Upper
85 100
87 32.9 16.0 48.0





#3
Chloromethane
Concen: 87.621 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

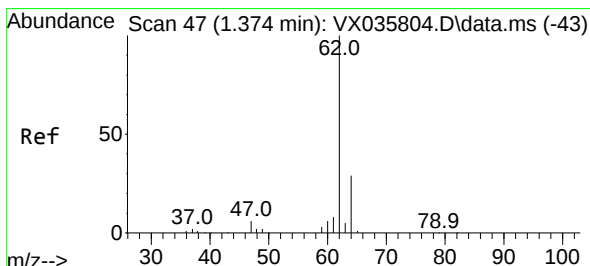
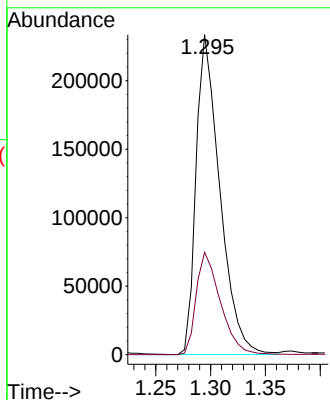
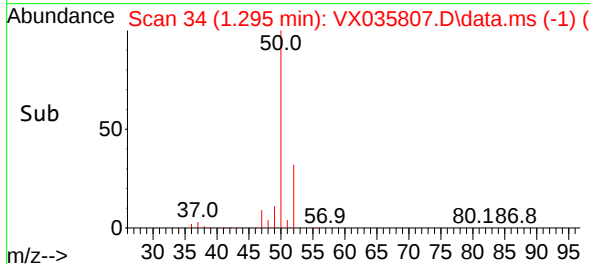
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 352299
Ion Ratio Lower Upper
50 100
52 32.0 24.6 36.8

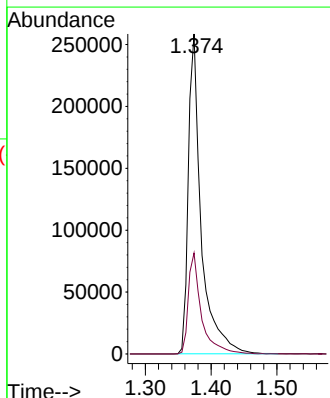
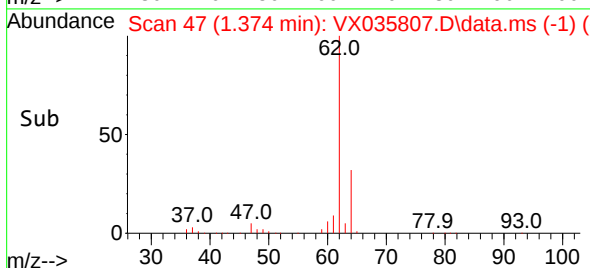
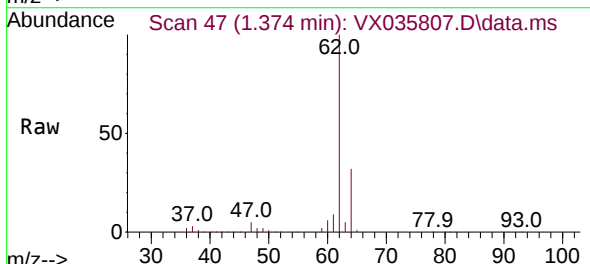
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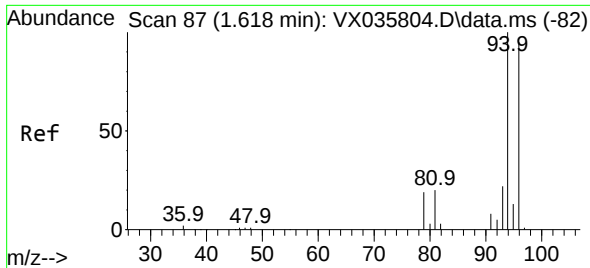
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#4
Vinyl Chloride
Concen: 87.872 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

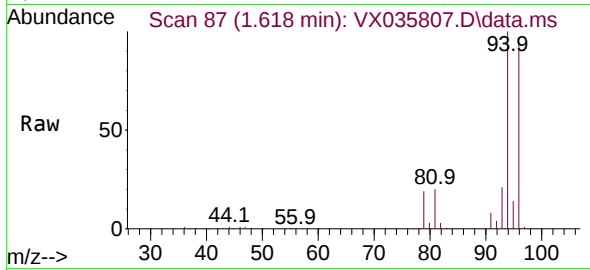
Tgt Ion: 62 Resp: 347785
Ion Ratio Lower Upper
62 100
64 31.5 26.9 40.3





#5
Bromomethane
Concen: 82.685 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

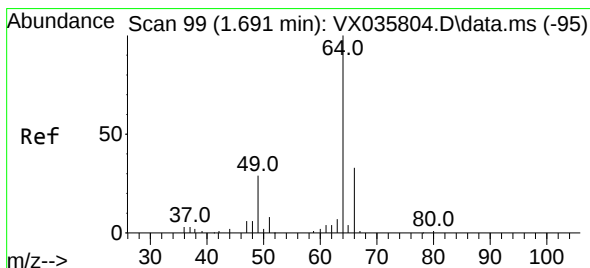
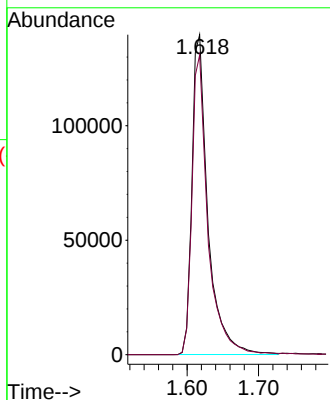
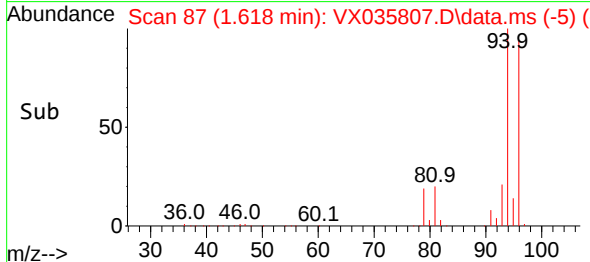
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 216732
Ion Ratio Lower Upper
94 100
96 93.7 73.4 110.0

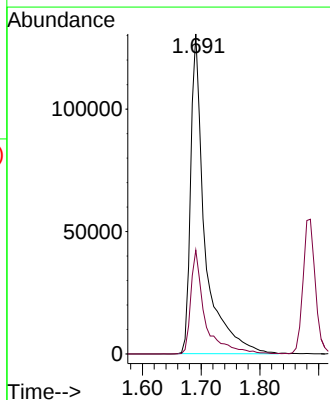
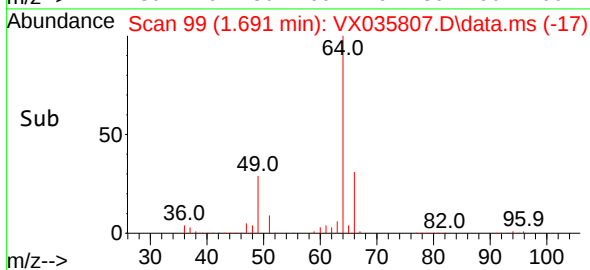
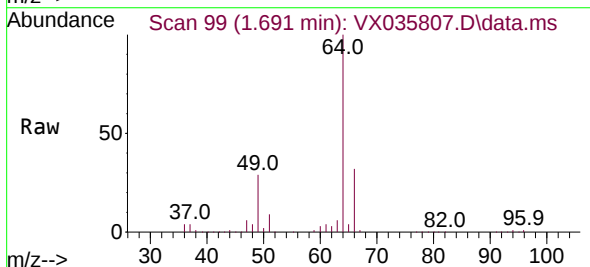
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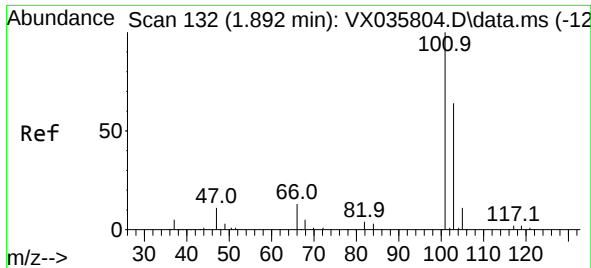
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#6
Chloroethane
Concen: 85.536 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX035807.D
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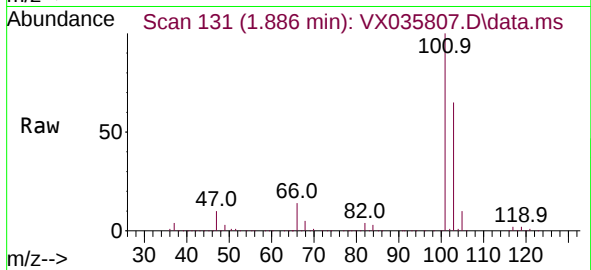
Tgt Ion: 64 Resp: 221191
Ion Ratio Lower Upper
64 100
66 32.4 26.6 40.0





#7
Trichlorofluoromethane
Concen: 90.555 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035807.D
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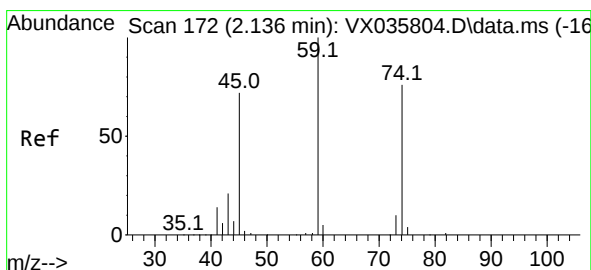
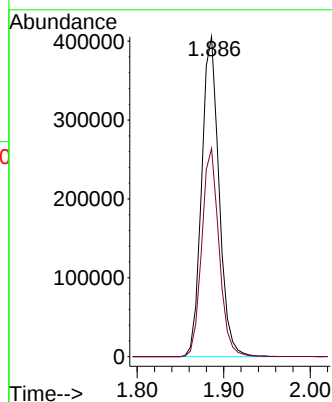
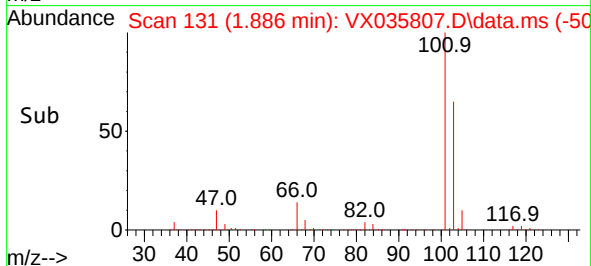
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Tgt Ion:101 Resp: 565569
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1

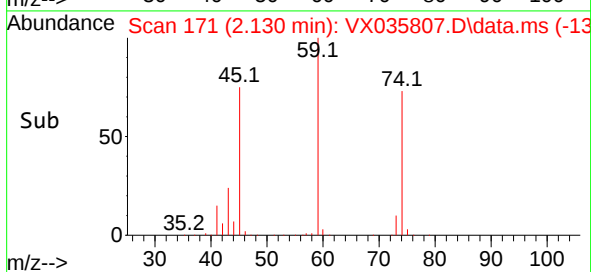
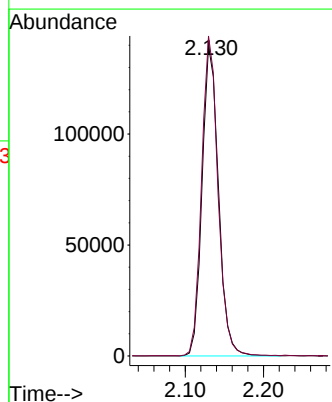
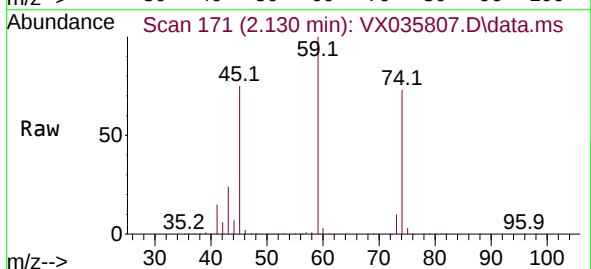
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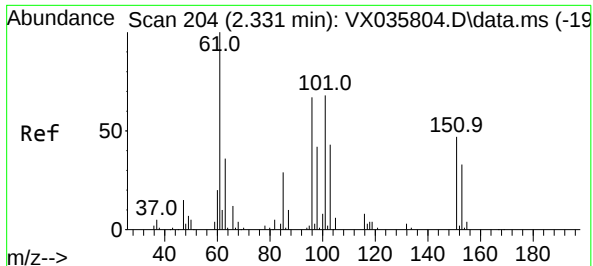
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#8
Diethyl Ether
Concen: 87.759 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Tgt Ion: 74 Resp: 203084
Ion Ratio Lower Upper
74 100
45 103.1 20.5 184.5





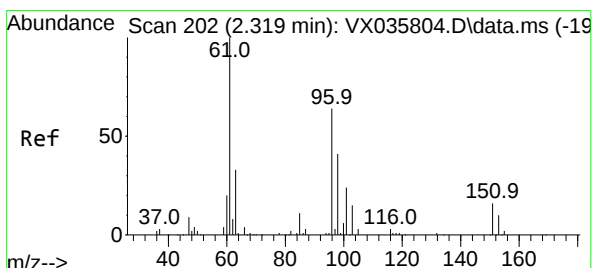
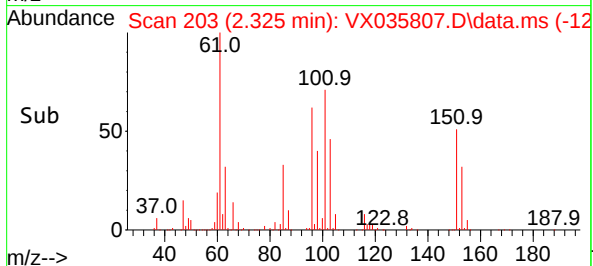
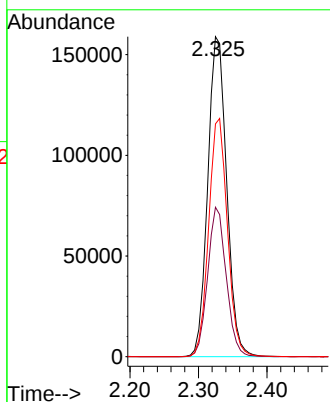
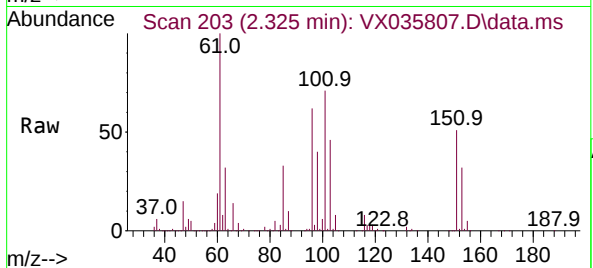
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1,1,2-Trichlorotrifluoroethane
Concen: 96.078 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX035807.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 30548
Ion Ratio Lower Upper
101 100
85 45.8 0.0 88.8
151 73.7 0.0 147.6

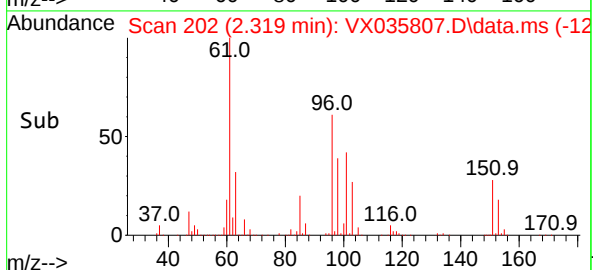
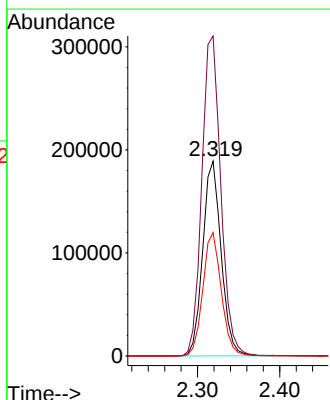
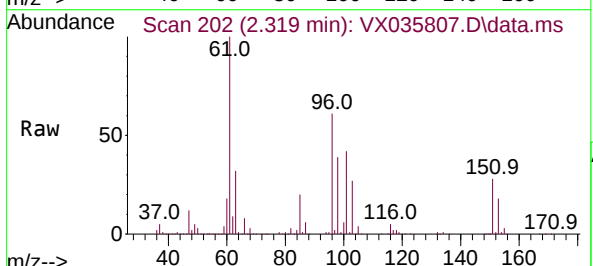
Manual Integrations
APPROVED

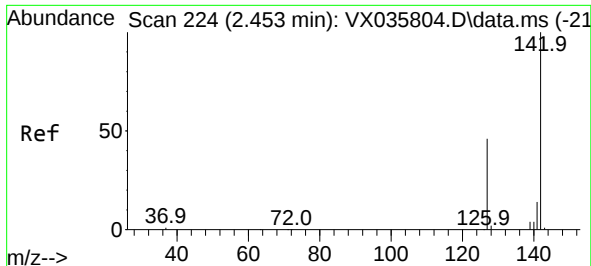
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#10
1,1-Dichloroethene
Concen: 89.713 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

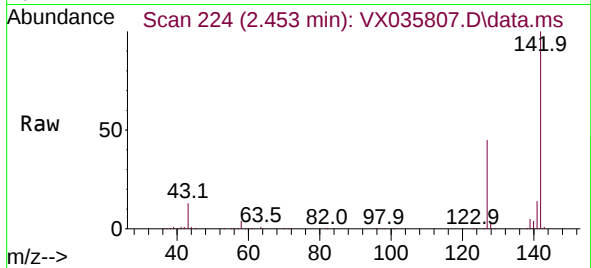
Tgt Ion: 96 Resp: 294070
Ion Ratio Lower Upper
96 100
61 164.5 135.8 203.6
98 63.4 49.8 74.6





#11
Methyl Iodide
Concen: 90.906 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

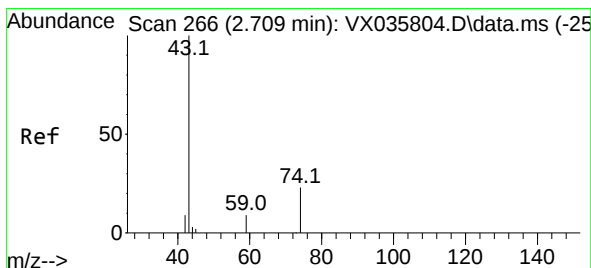
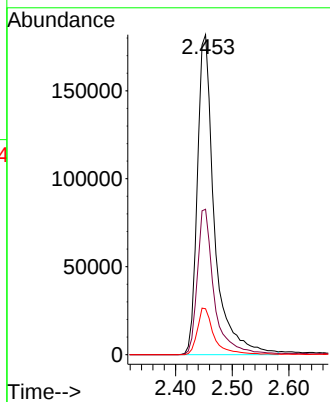
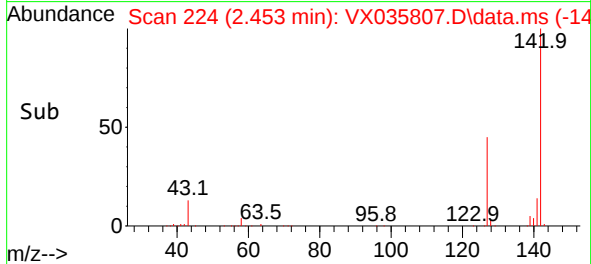
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:142 Resp: 380030
Ion Ratio Lower Upper
142 100
127 45.5 24.5 73.5
141 14.3 7.6 22.8

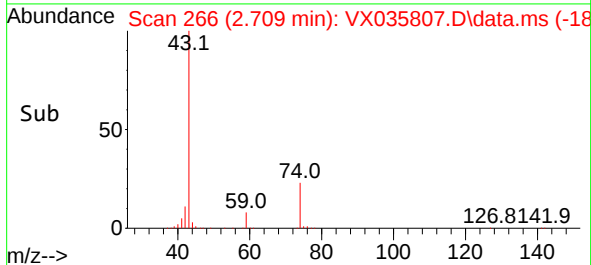
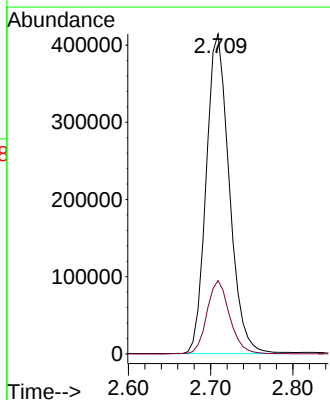
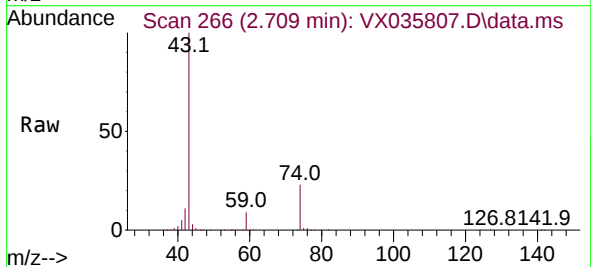
Manual Integrations
APPROVED

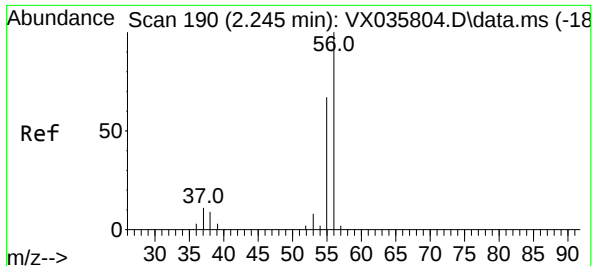
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#12
Methyl Acetate
Concen: 107.216 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

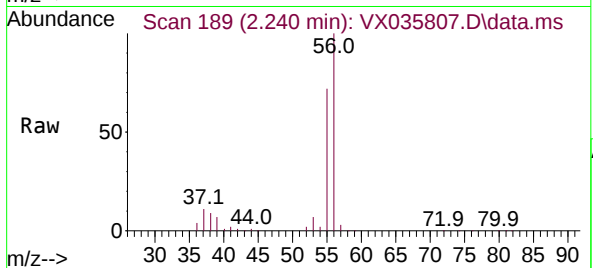
Tgt Ion: 43 Resp: 807874
Ion Ratio Lower Upper
43 100
74 22.9 18.0 27.0





#13
Acrolein
Concen: 368.814 ug/l
RT: 2.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

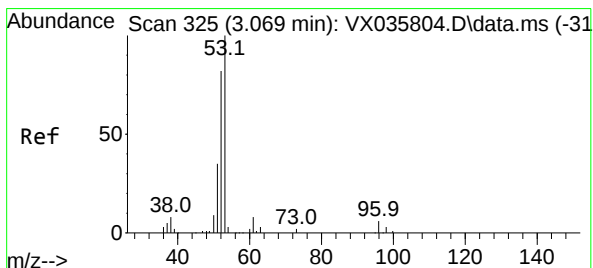
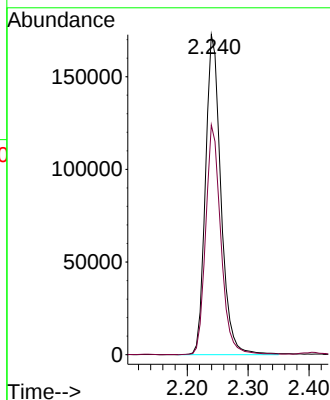
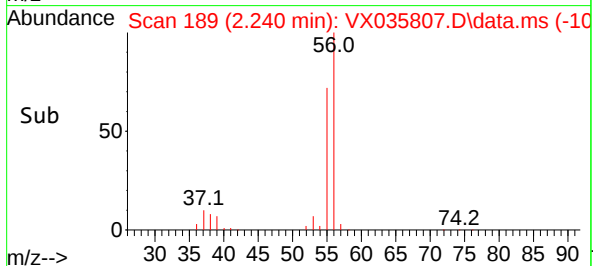
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



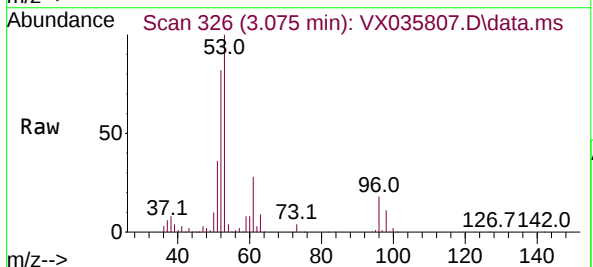
Tgt Ion: 56 Resp: 304456
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

Manual Integrations
APPROVED

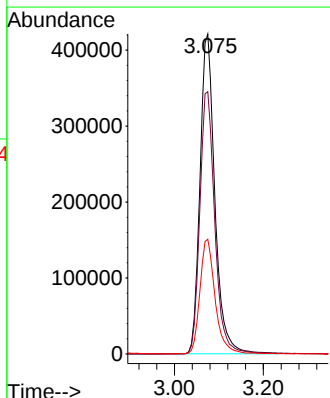
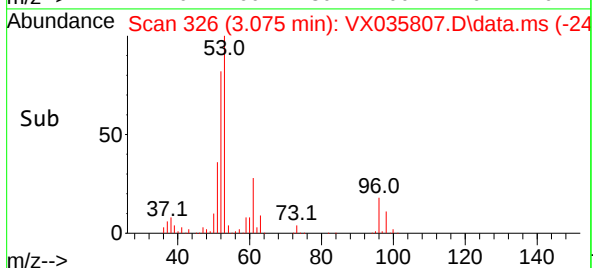
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

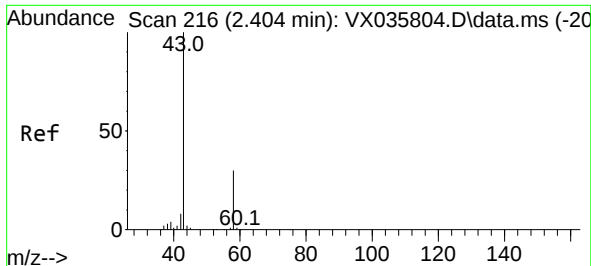


#14
Acrylonitrile
Concen: 482.029 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52



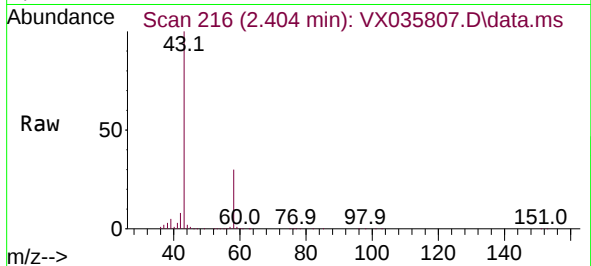
Tgt Ion: 53 Resp: 983294
Ion Ratio Lower Upper
53 100
52 82.2 41.3 123.7
51 36.6 17.9 53.7





#15
Acetone
Concen: 471.378 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

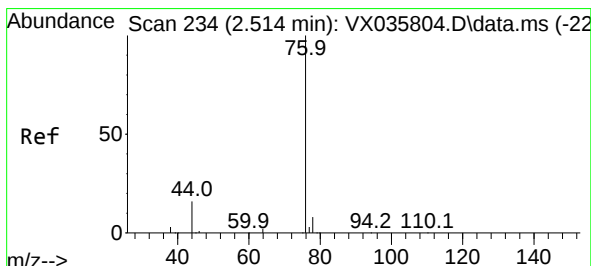
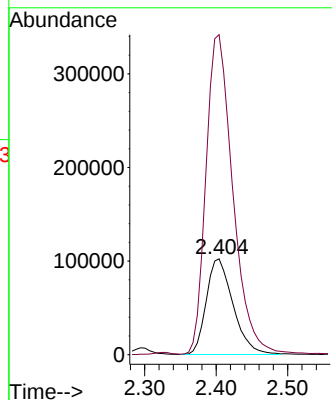
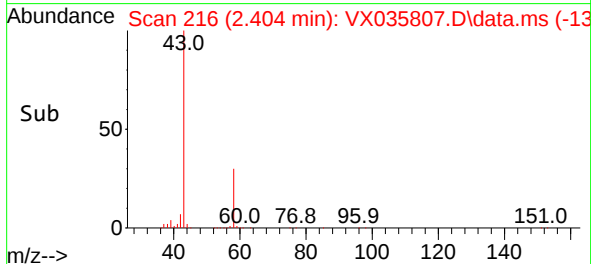
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



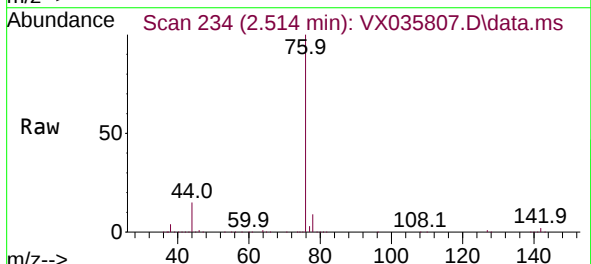
Tgt Ion: 58 Resp: 265988
Ion Ratio Lower Upper
58 100
43 334.1 270.8 406.2

Manual Integrations
APPROVED

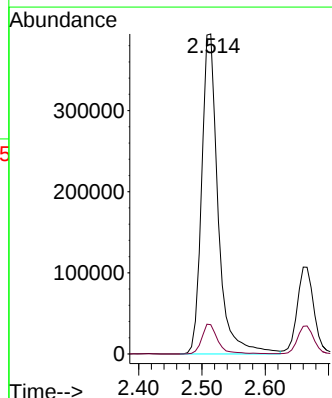
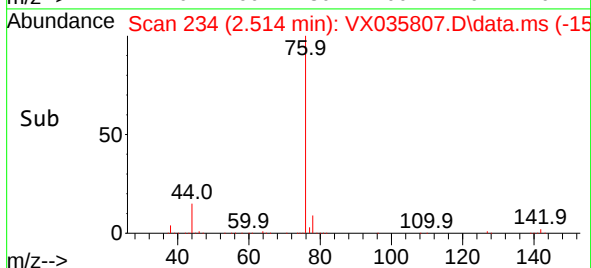
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

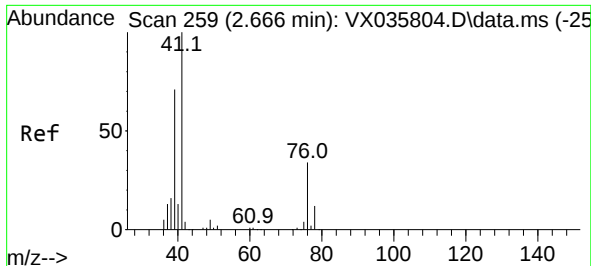


#16
Carbon Disulfide
Concen: 86.445 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52



Tgt Ion: 76 Resp: 715985
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6





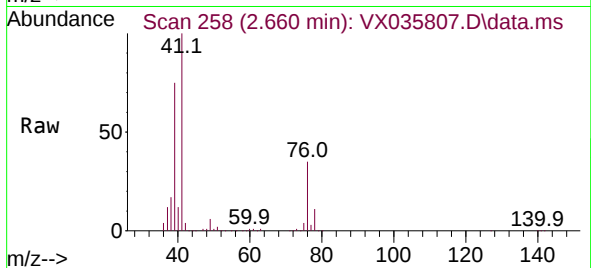
#17
 Allyl chloride
 Concen: 94.889 ug/l
 RT: 2.660 min Scan# 259
 Delta R.T. -0.006 min
 Lab File: VX035807.D
 Acq: 23 May 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



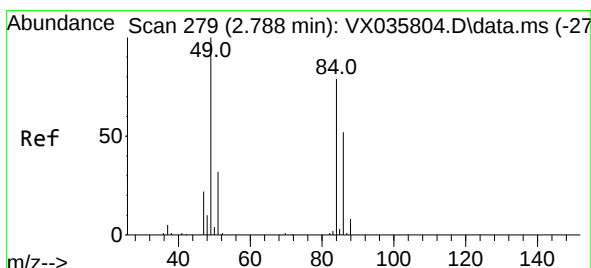
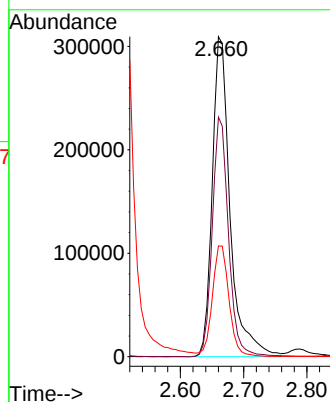
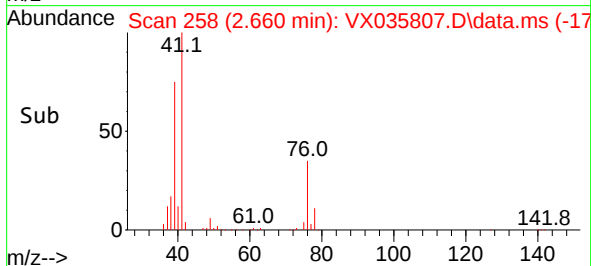
Tgt Ion: 41 Resp: 607732
 Ion Ratio Lower Upper
 41 100
 39 74.8 36.4 109.3
 76 34.5 17.0 51.0

Manual Integrations

APPROVED

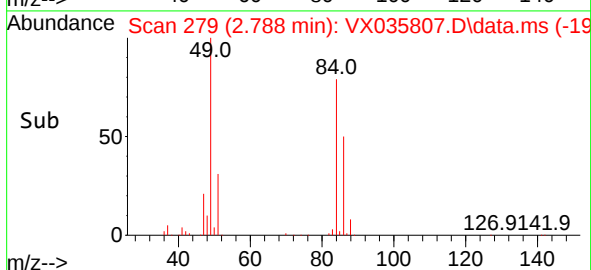
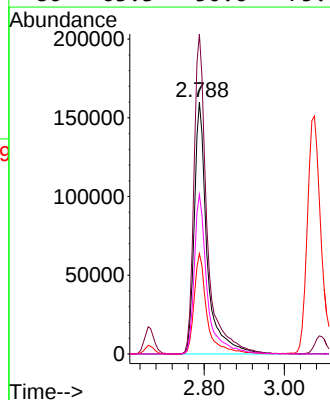
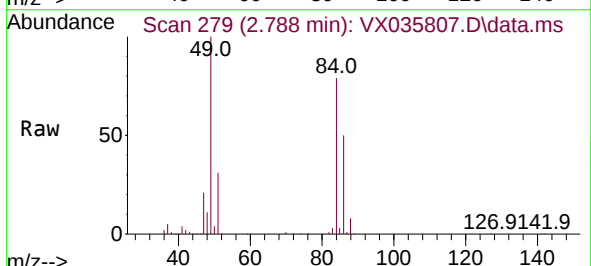
Reviewed By :John Carlone 05/25/2023

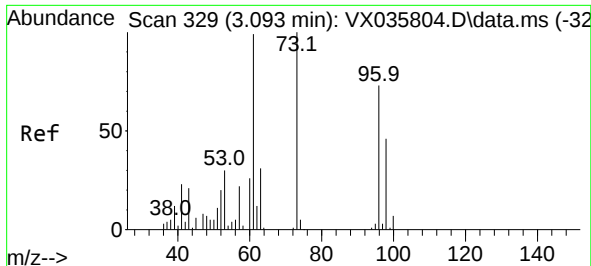
Supervised By :Mahesh Dadoda 05/25/2023



#18
 Methylene Chloride
 Concen: 91.171 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX035807.D
 Acq: 23 May 2023 10:52

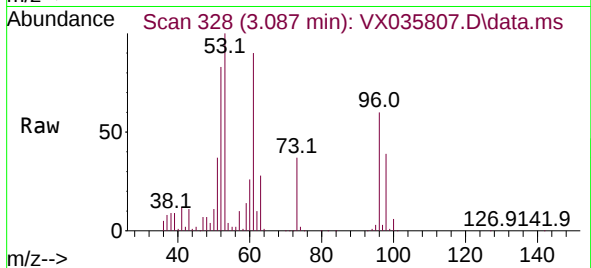
Tgt Ion: 84 Resp: 356252
 Ion Ratio Lower Upper
 84 100
 49 127.0 103.9 155.9
 51 39.9 30.6 45.8
 86 63.3 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 87.315 ug/l
RT: 3.087 min Scan# 319
Delta R.T. -0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

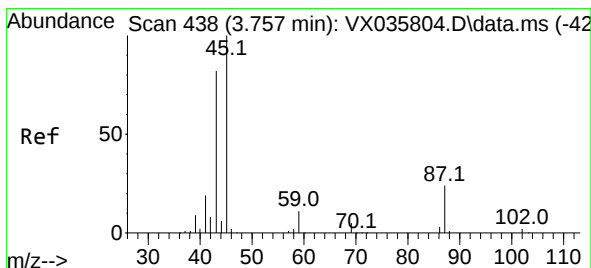
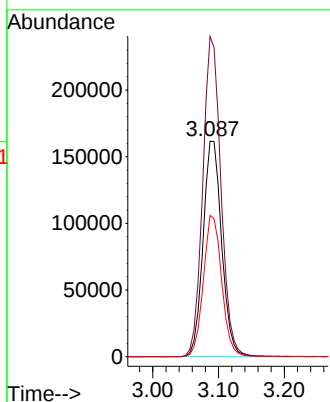
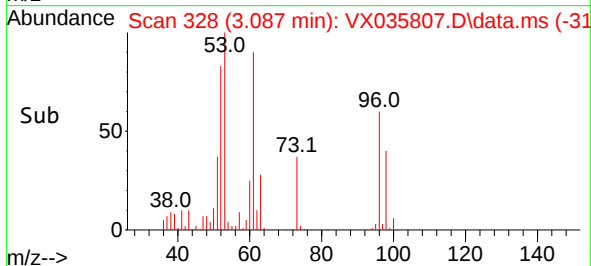
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 31699
Ion Ratio Lower Upper
96 100
61 148.6 111.1 166.7
98 65.5 48.6 72.8

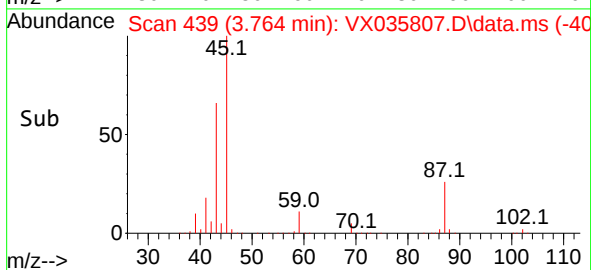
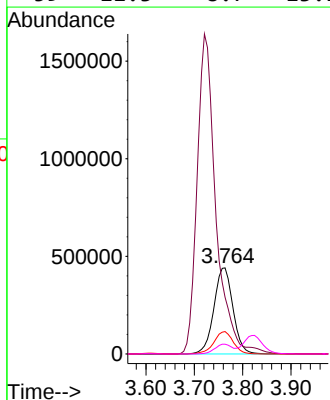
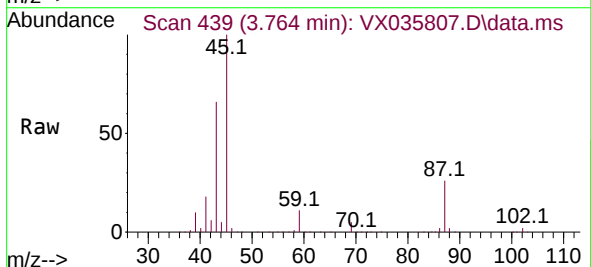
Manual Integrations
APPROVED

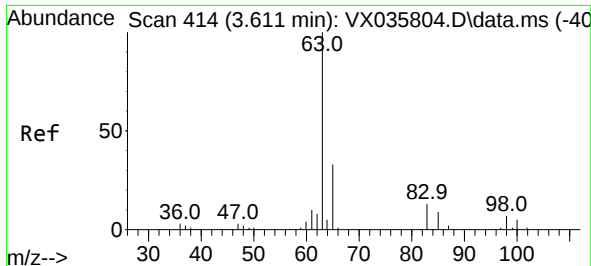
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#20
Diisopropyl ether
Concen: 91.611 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Tgt Ion: 45 Resp: 1206340
Ion Ratio Lower Upper
45 100
43 65.8 66.0 99.0#
87 26.0 21.8 32.6
59 11.3 8.7 13.1





#21

1,1-Dichloroethane

Concen: 93.013 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

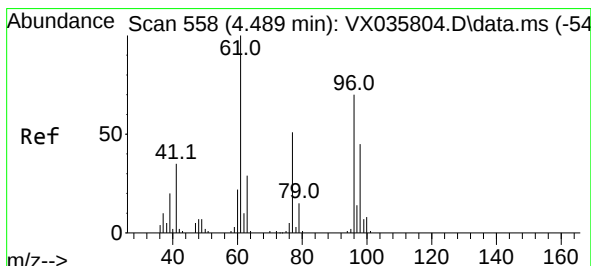
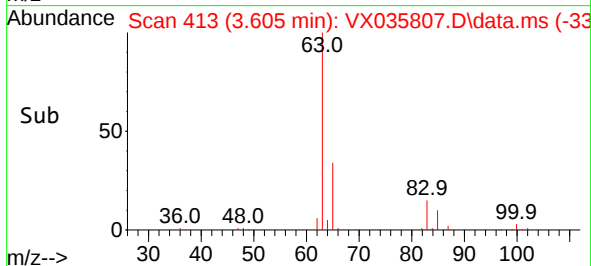
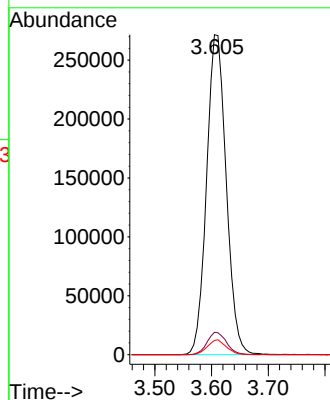
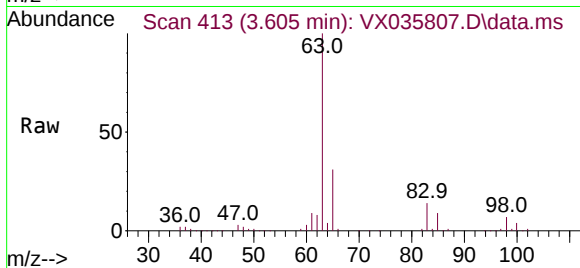
Tgt Ion: 63	Resp: 65367
Ion Ratio	Lower Upper
63 100	
98 7.0	3.5 10.6
100 4.5	2.2 6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#22

cis-1,2-Dichloroethene

Concen: 92.815 ug/l

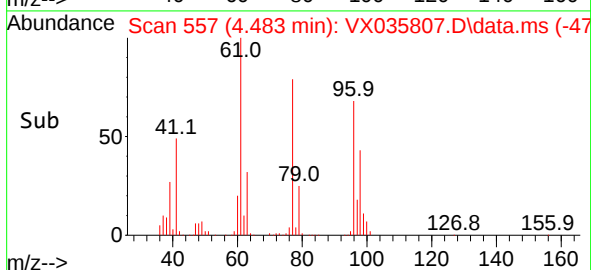
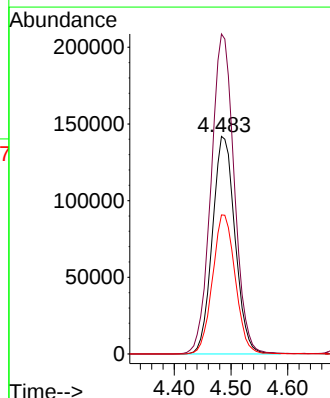
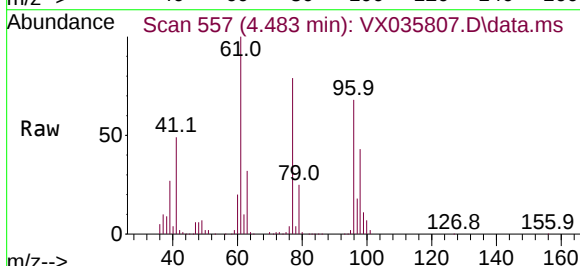
RT: 4.483 min Scan# 557

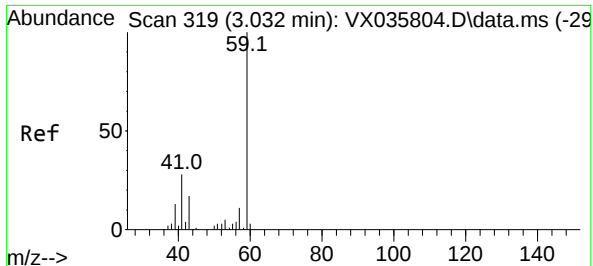
Delta R.T. -0.006 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Tgt Ion: 96	Resp: 393327
Ion Ratio	Lower Upper
96 100	
61 150.8	121.7 182.5
98 64.0	52.2 78.2





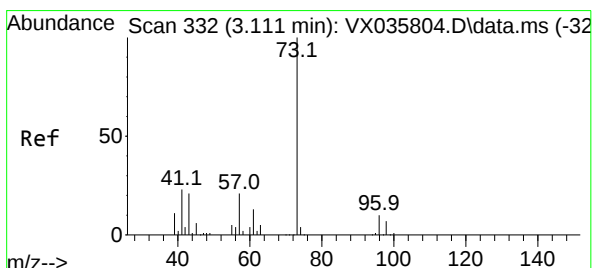
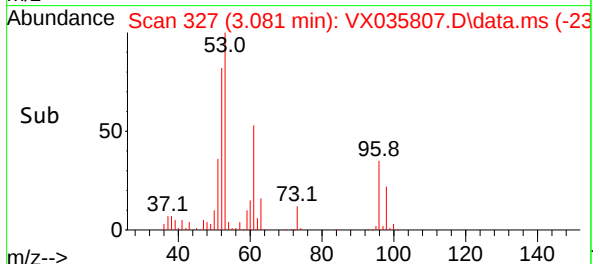
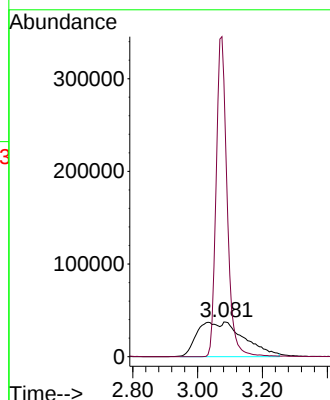
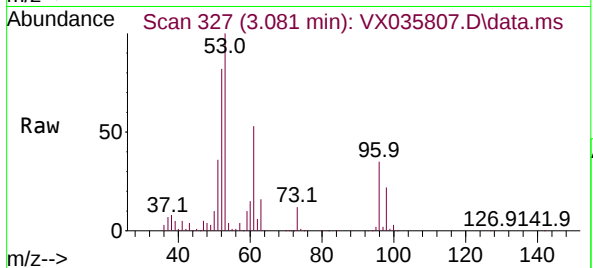
#23
tert-Butyl Alcohol
Concen: 416.342 ug/l m
RT: 3.081 min Scan# 319
Delta R.T. 0.049 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 376135
Ion Ratio Lower Upper
59 100
52 214.9 0.2 0.4

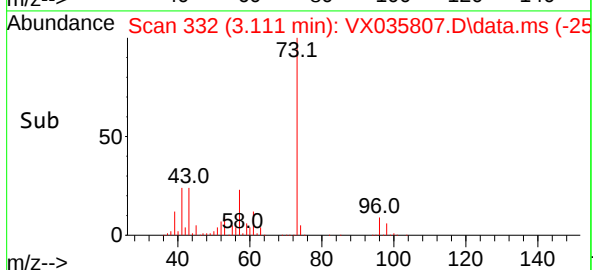
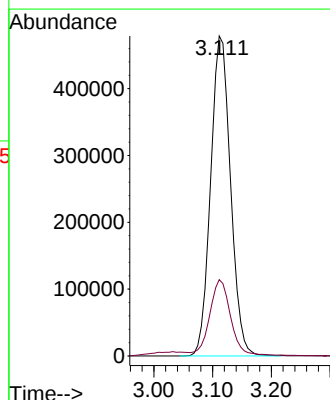
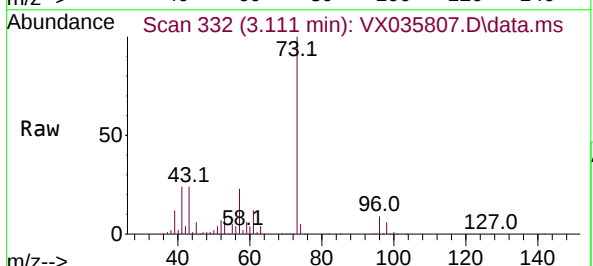
Manual Integrations
APPROVED

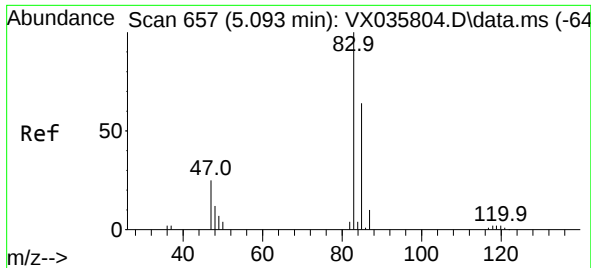
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#24
Methyl tert-Butyl Ether
Concen: 91.108 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Tgt Ion: 73 Resp: 1125486
Ion Ratio Lower Upper
73 100
43 25.1 17.9 26.9





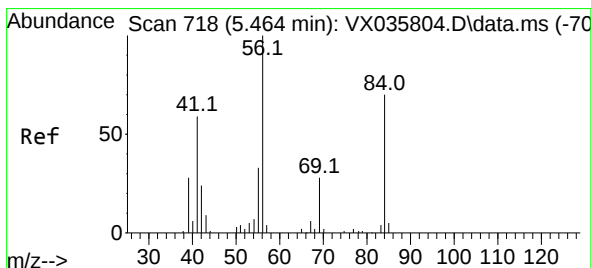
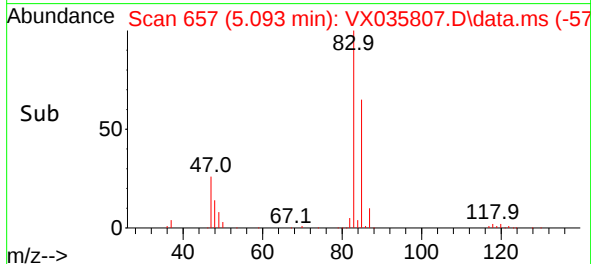
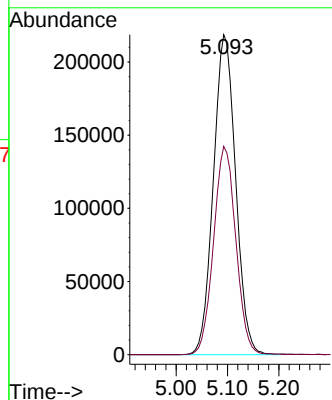
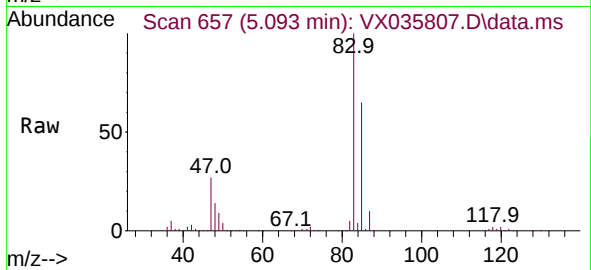
#25
Chloroform
Concen: 91.692 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 65814
Ion Ratio Lower Upper
83 100
85 65.1 51.2 76.8

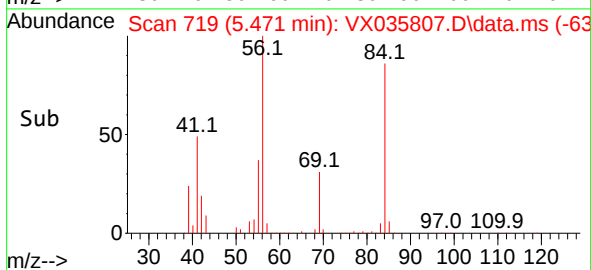
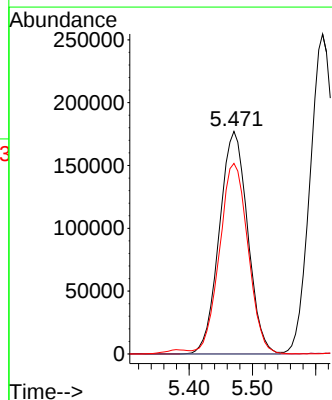
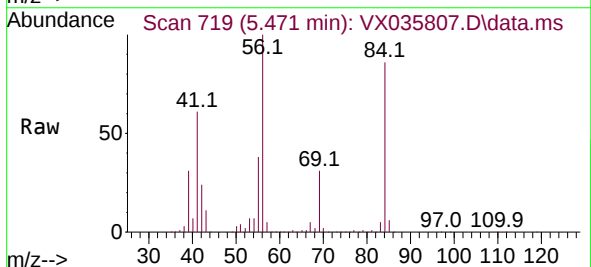
Manual Integrations
APPROVED

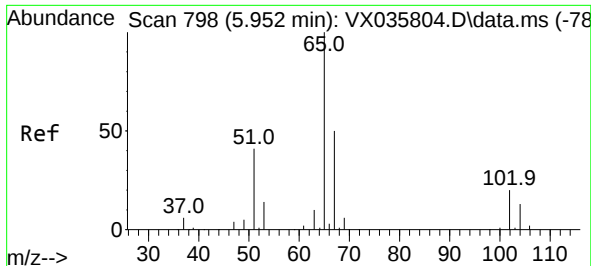
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#26
Cyclohexane
Concen: 91.959 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

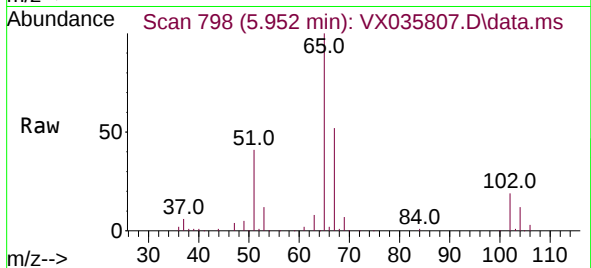
Tgt Ion: 56 Resp: 550832
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.1 67.4 101.2





#27
1,2-Dichloroethane-d4
Concen: 26.884 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

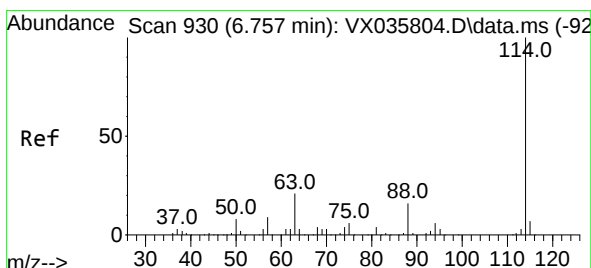
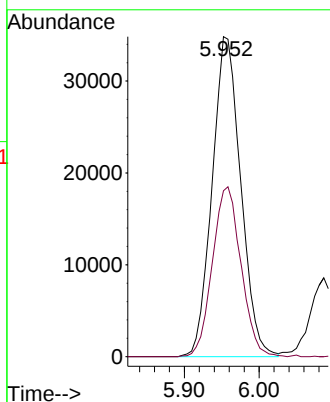
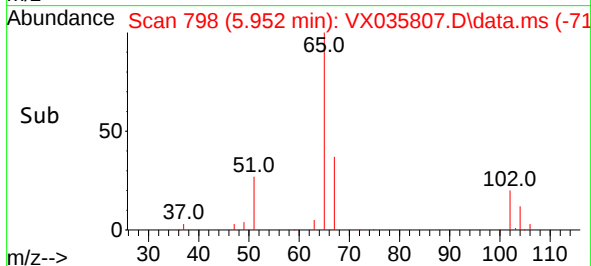
Instrument :
MSVOA_X
Client Sample Id :
VSTDIC150



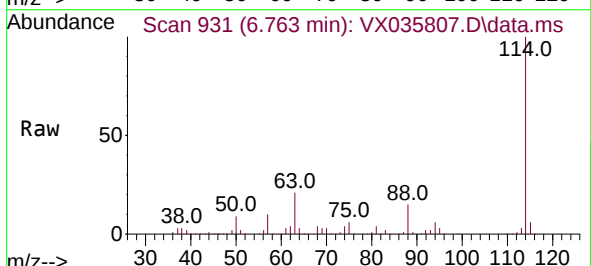
Tgt Ion: 65 Resp: 92645
Ion Ratio Lower Upper
65 100
67 53.0 40.9 61.3

Manual Integrations
APPROVED

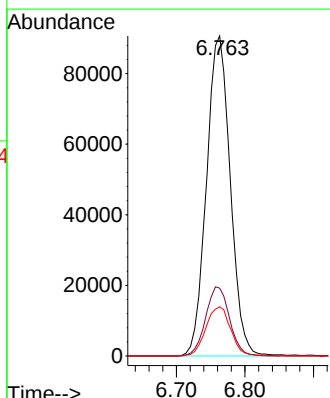
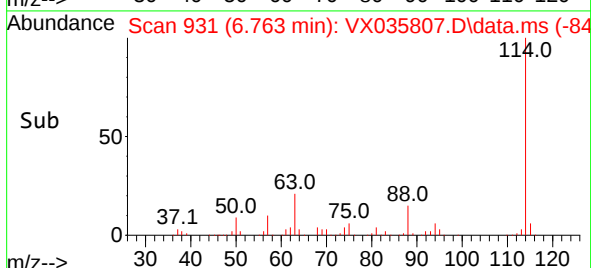
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

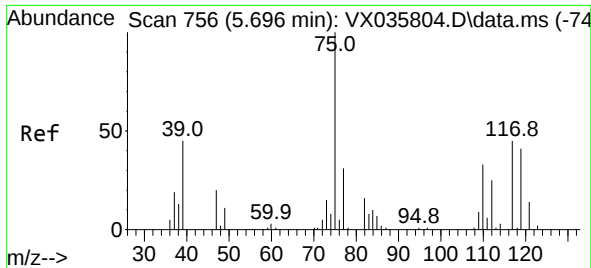


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52



Tgt Ion: 114 Resp: 218755
Ion Ratio Lower Upper
114 100
63 21.6 18.0 27.0
88 15.9 13.3 19.9





#29

1,1-Dichloropropene

Concen: 104.687 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 484062

Ion Ratio Lower Upper

75 100

110 34.2 0.0 71.4

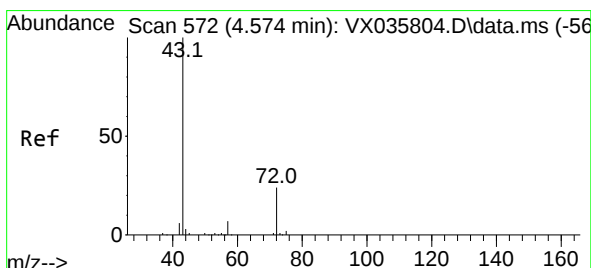
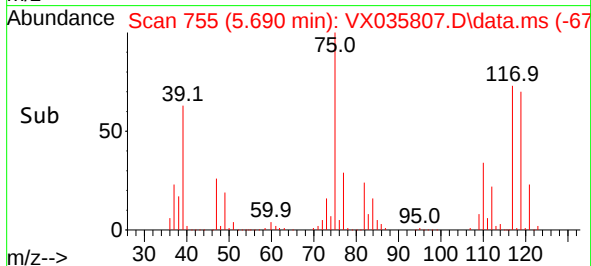
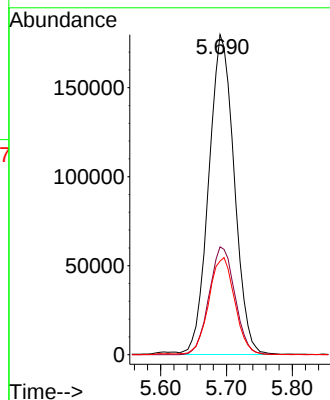
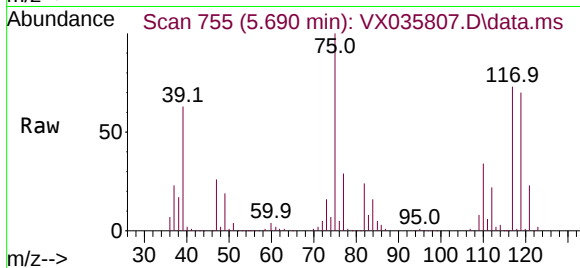
77 31.1 0.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

2-Butanone

Concen: 540.864 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.006 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

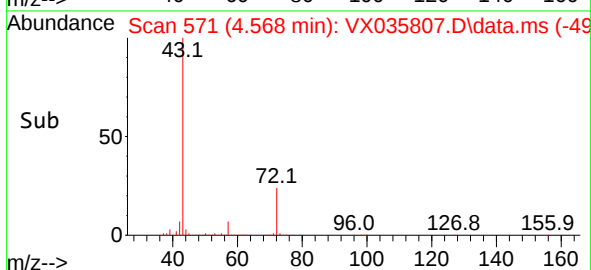
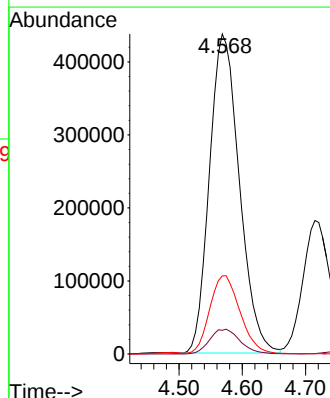
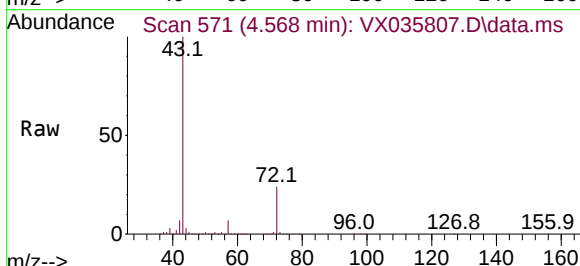
Tgt Ion: 43 Resp: 1433333

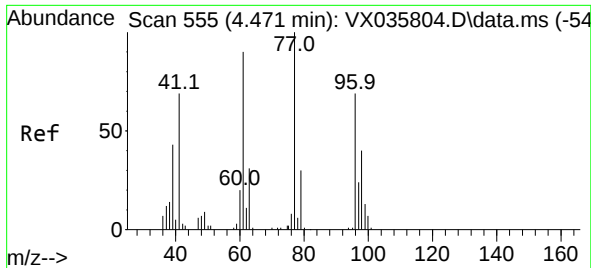
Ion Ratio Lower Upper

43 100

57 7.9 6.3 9.5

72 24.9 19.6 29.4





#31

2,2-Dichloropropane

Concen: 113.935 ug/l

RT: 4.471 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 77 Resp: 53905

Ion Ratio Lower Upper

77 100

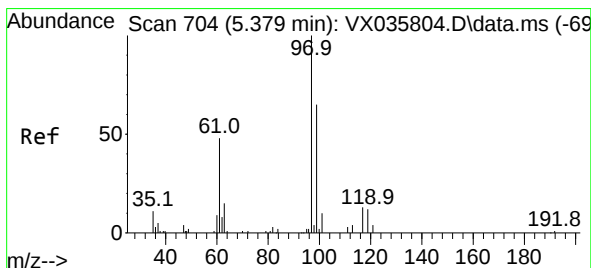
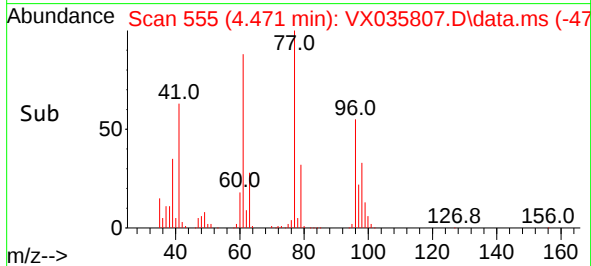
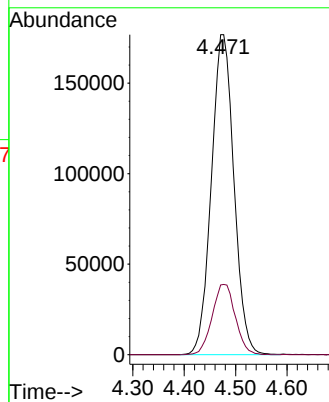
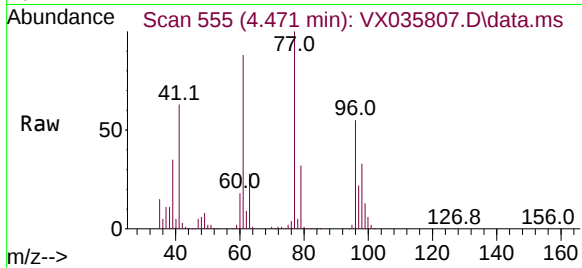
97 22.5 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#32

1,1,1-Trichloroethane

Concen: 105.460 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

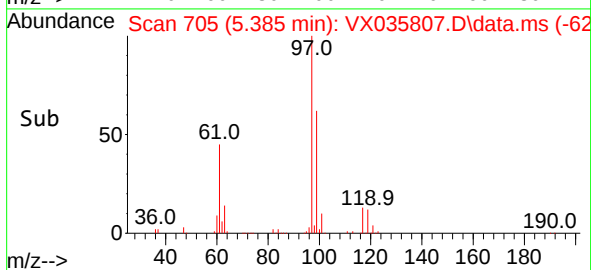
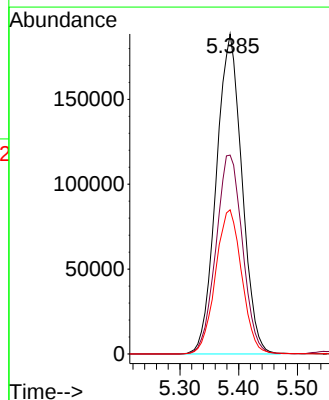
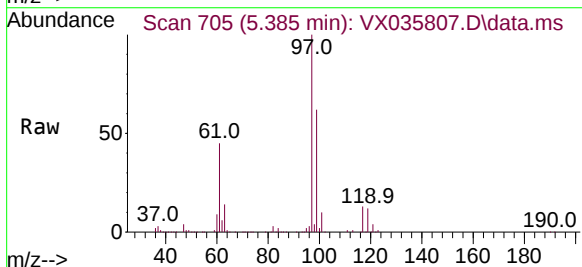
Tgt Ion: 97 Resp: 572133

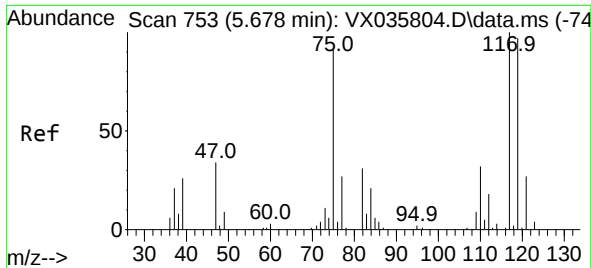
Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

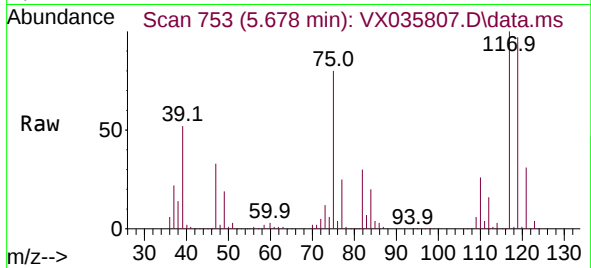
61 46.2 36.6 55.0





#33
Carbon Tetrachloride
Concen: 106.858 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

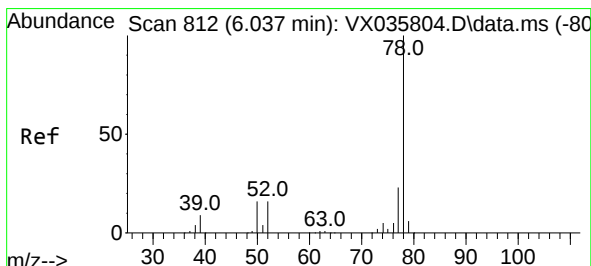
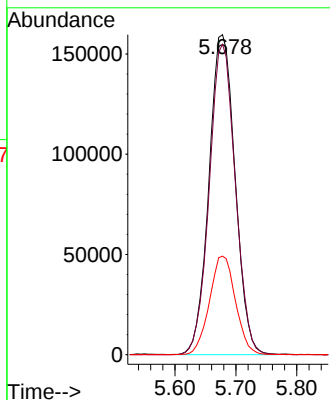
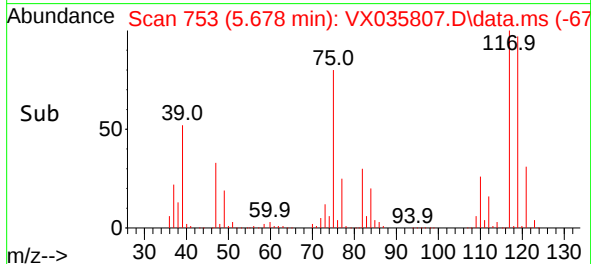
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



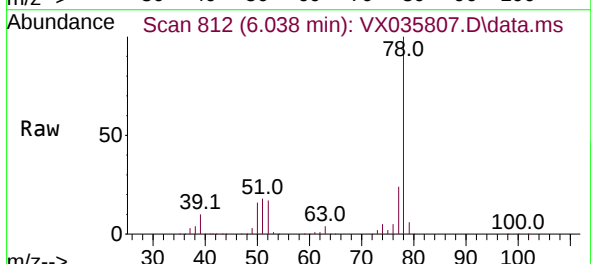
Tgt Ion:117 Resp: 476288
Ion Ratio Lower Upper
117 100
119 97.0 73.3 109.9
121 30.8 24.0 36.0

Manual Integrations
APPROVED

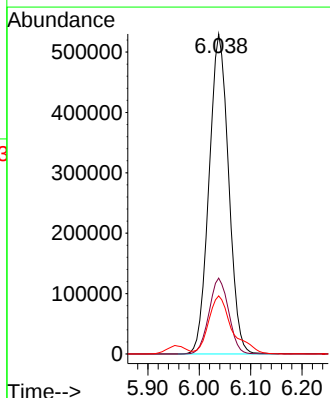
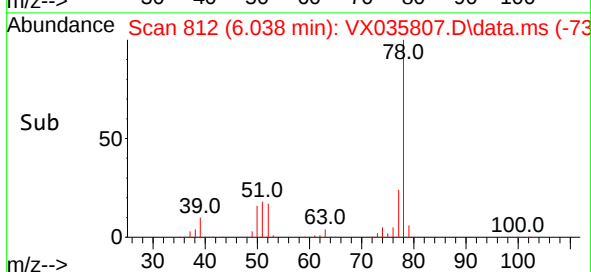
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

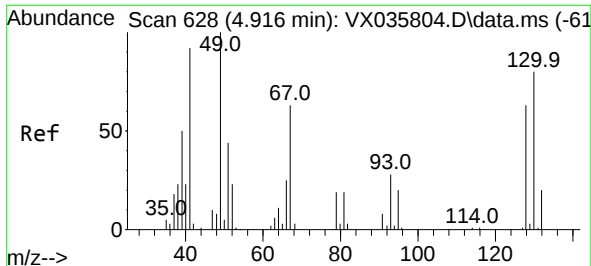


#34
Benzene
Concen: 102.739 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52



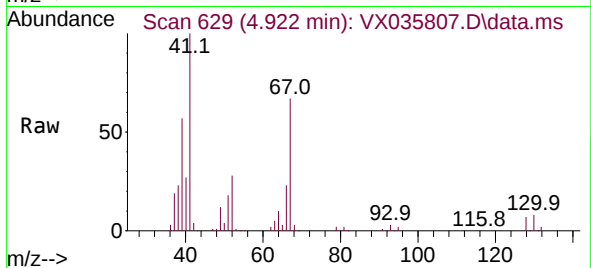
Tgt Ion: 78 Resp: 1397441
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4
51 18.1 14.6 21.8





#35
Methacrylonitrile
Concen: 111.152 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

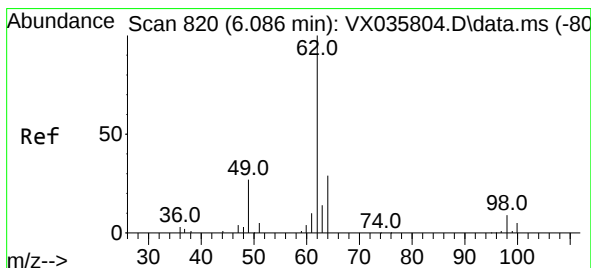
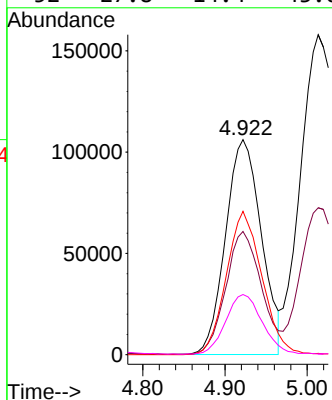
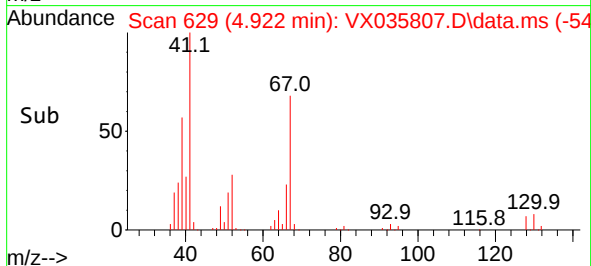
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41	Resp: 32141
Ion Ratio	Lower Upper
41 100	
39 57.2	28.0 84.0
67 66.8	31.6 94.7
52 27.8	14.4 43.0

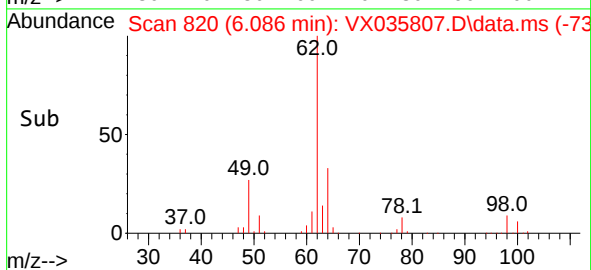
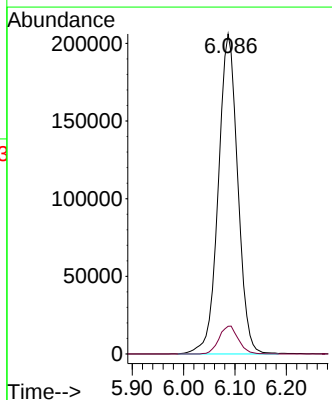
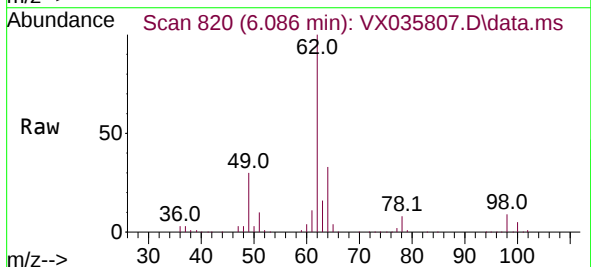
Manual Integrations
APPROVED

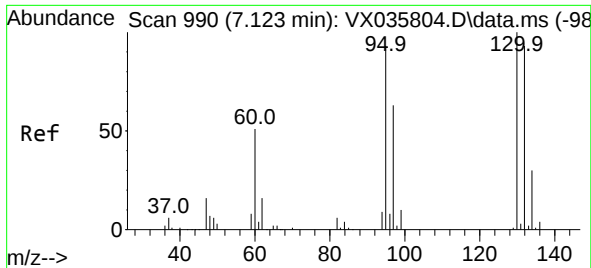
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#36
1,2-Dichloroethane
Concen: 100.939 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

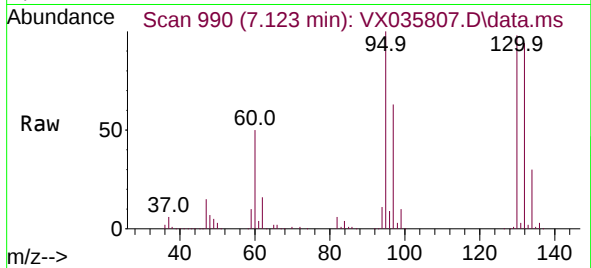
Tgt Ion: 62	Resp: 541705
Ion Ratio	Lower Upper
62 100	
98 8.7	7.0 10.6





#37
Trichloroethene
Concen: 104.349 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

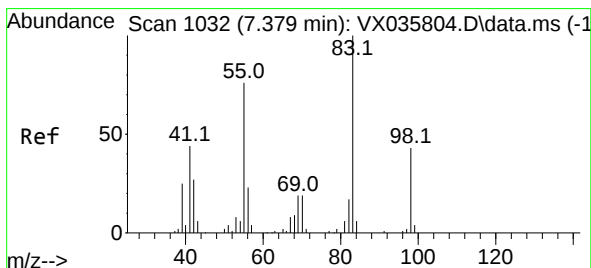
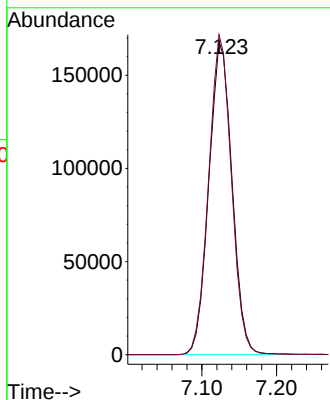
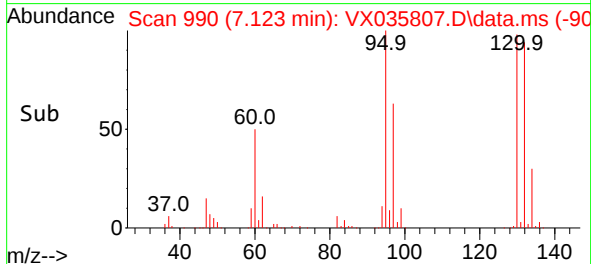
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



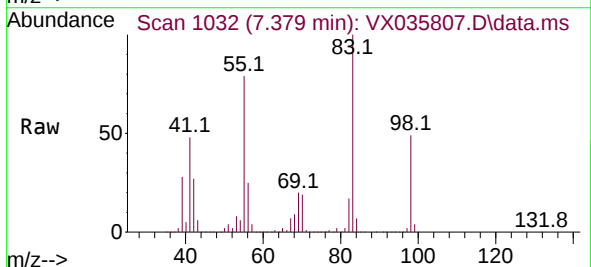
Tgt Ion:130 Resp: 36212
Ion Ratio Lower Upper
130 100
95 102.1 77.8 116.6

Manual Integrations
APPROVED

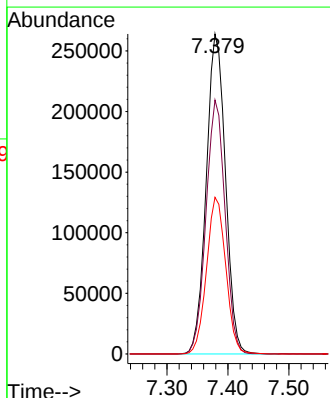
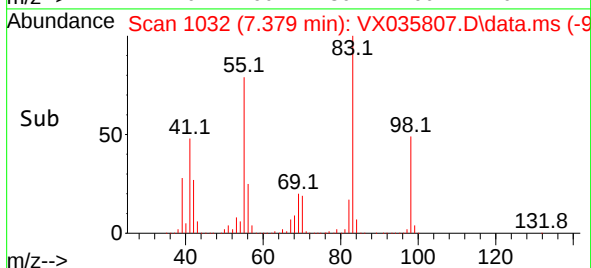
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

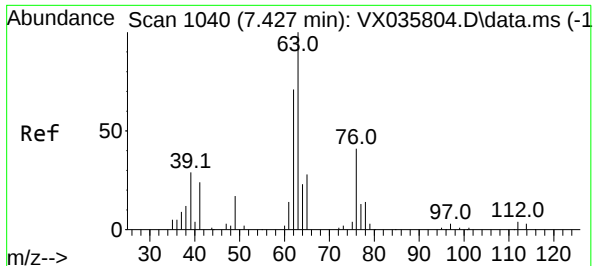


#38
Methylcyclohexane
Concen: 117.784 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52



Tgt Ion: 83 Resp: 579177
Ion Ratio Lower Upper
83 100
55 78.7 38.8 116.4
98 49.1 23.8 71.2





#39

1,2-Dichloropropane

Concen: 106.824 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 38018

Ion Ratio Lower Upper

63 100

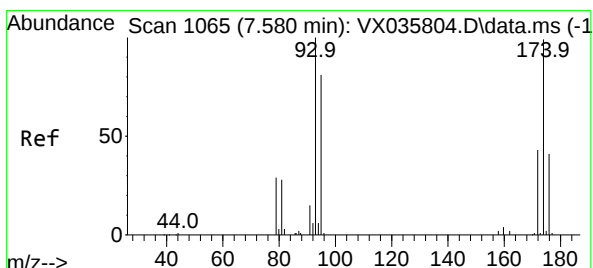
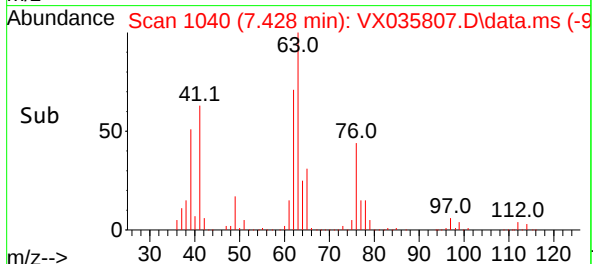
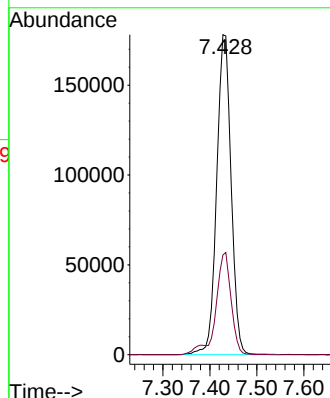
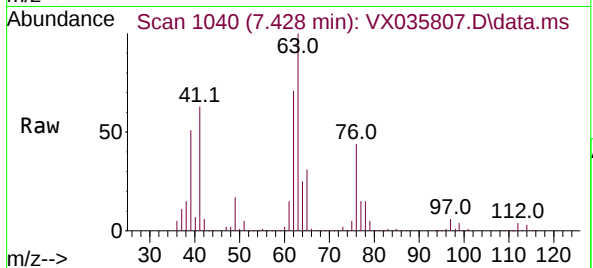
65 31.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Dibromomethane

Concen: 107.409 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

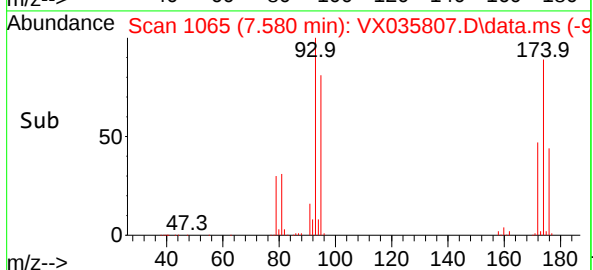
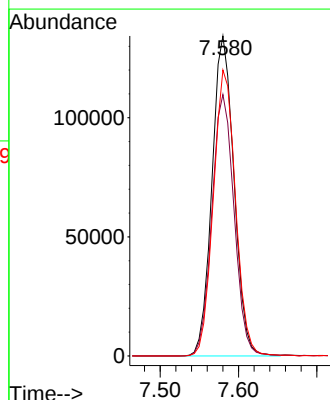
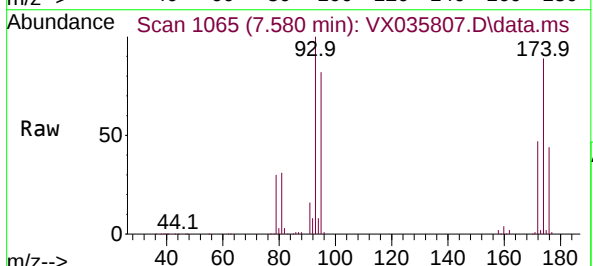
Tgt Ion: 93 Resp: 261843

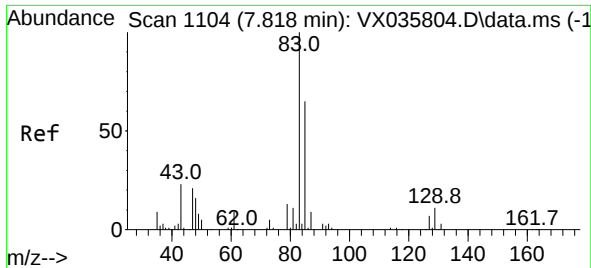
Ion Ratio Lower Upper

93 100

95 82.4 0.0 165.8

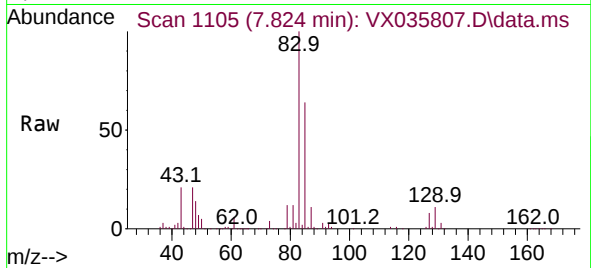
174 90.1 0.0 188.8





#41
Bromodichloromethane
Concen: 110.480 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

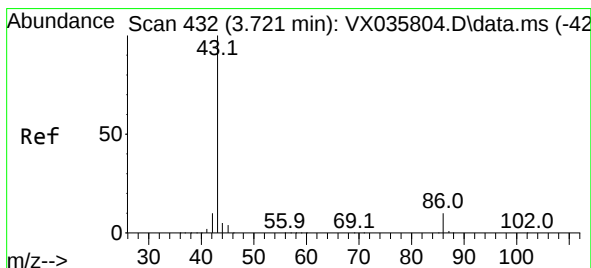
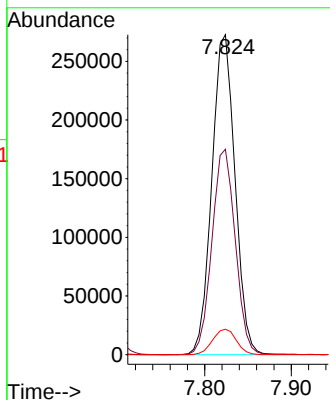
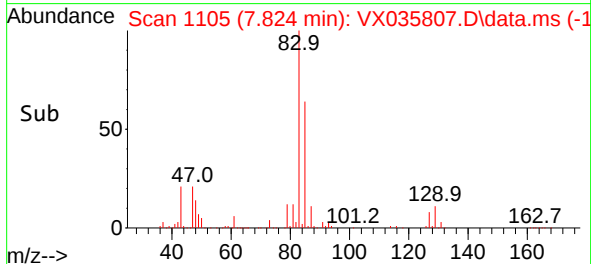
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 506912
Ion Ratio Lower Upper
83 100
85 64.2 51.1 76.7
127 8.0 8.2 12.4

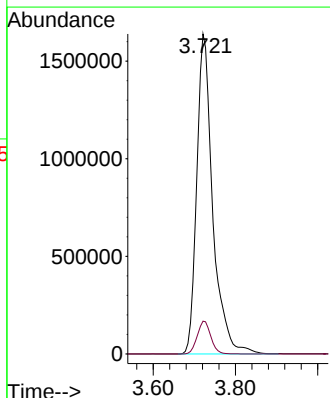
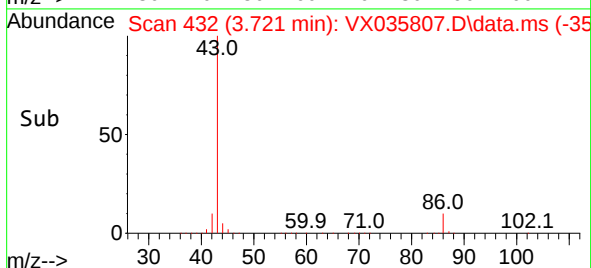
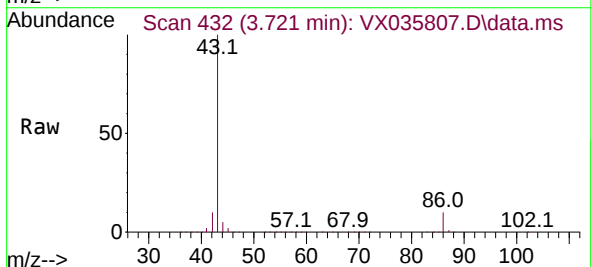
Manual Integrations
APPROVED

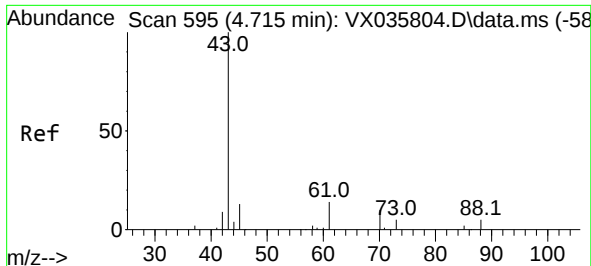
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#42
Vinyl Acetate
Concen: 524.028 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Tgt Ion: 43 Resp: 4423206
Ion Ratio Lower Upper
43 100
86 8.7 6.9 10.3





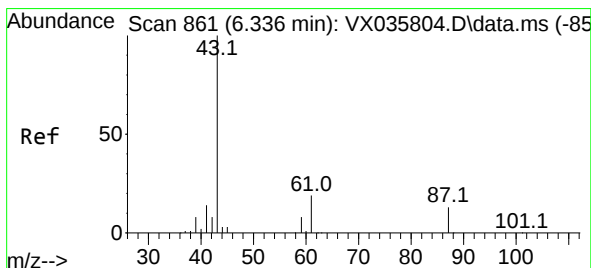
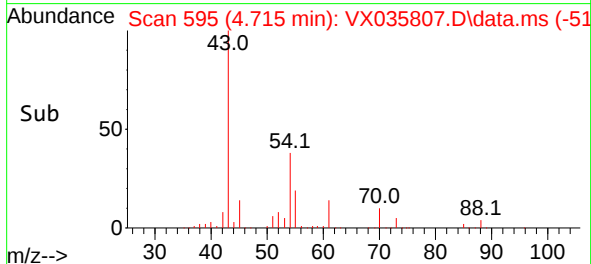
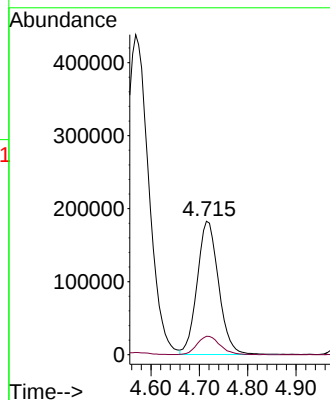
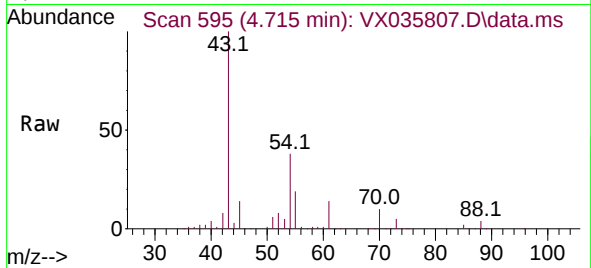
#43
Ethyl Acetate
Concen: 110.775 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 562820
Ion Ratio Lower Upper
43 100
45 14.7 12.0 18.0

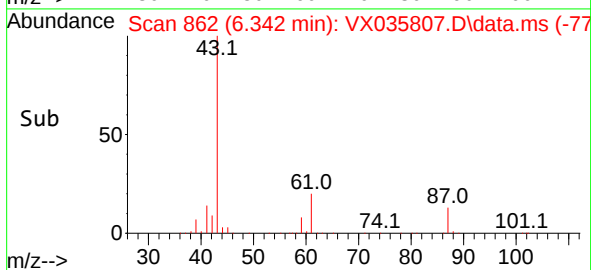
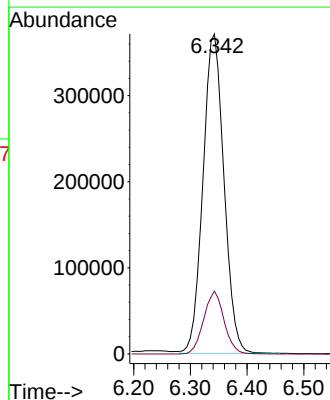
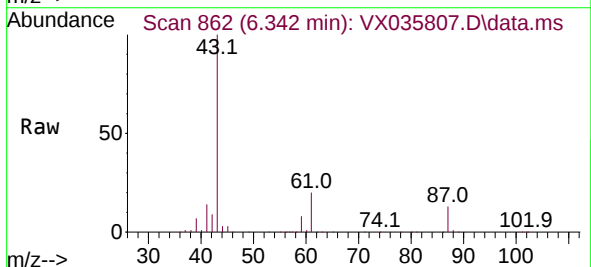
Manual Integrations
APPROVED

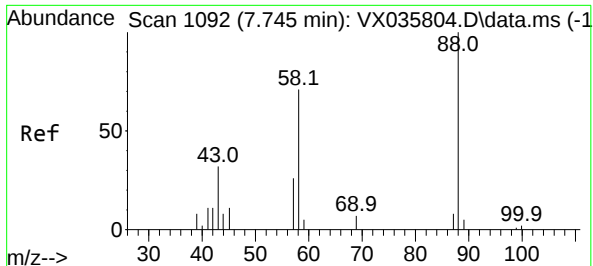
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#44
Isopropyl Acetate
Concen: 111.205 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

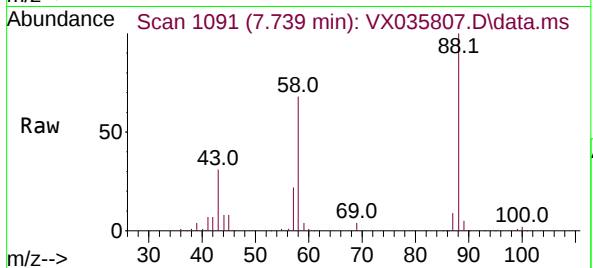
Tgt Ion: 43 Resp: 955591
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0





#45
1,4-Dioxane
Concen: 1942.828 ug/l
RT: 7.739 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

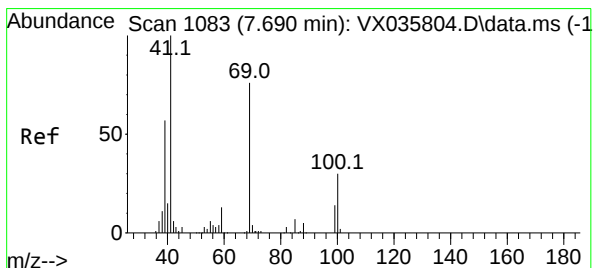
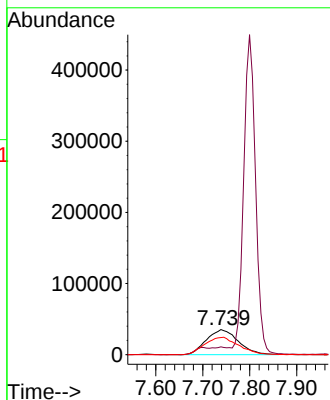
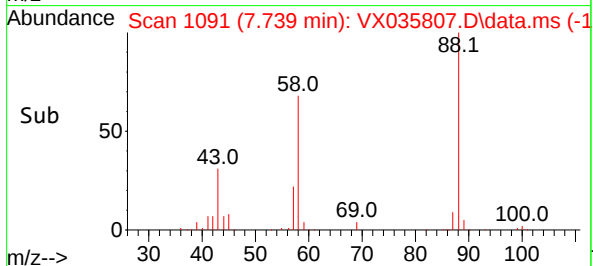
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 165410
Ion Ratio Lower Upper
88 100
43 12.7 26.5 39.7
58 74.2 55.6 83.4

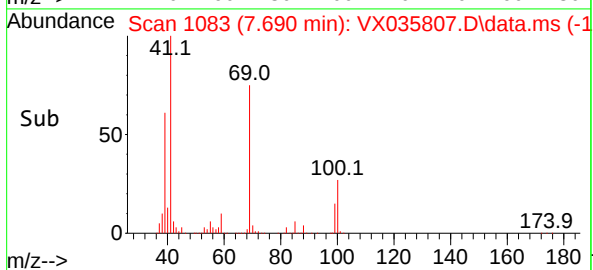
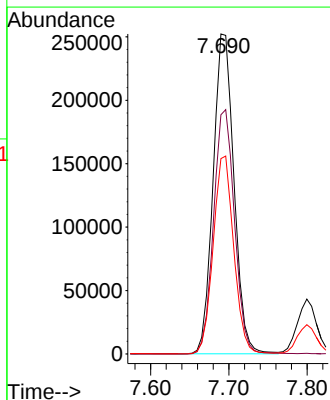
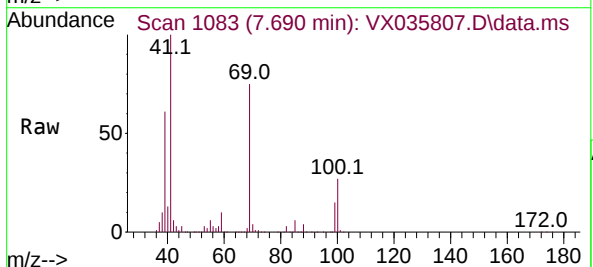
Manual Integrations
APPROVED

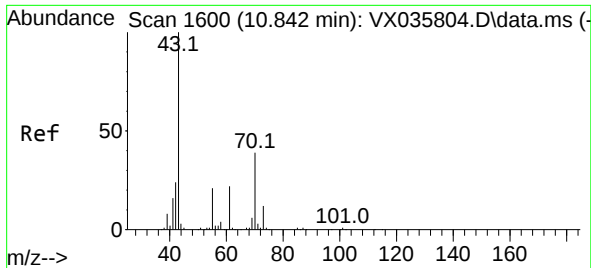
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#46
Methyl methacrylate
Concen: 111.398 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

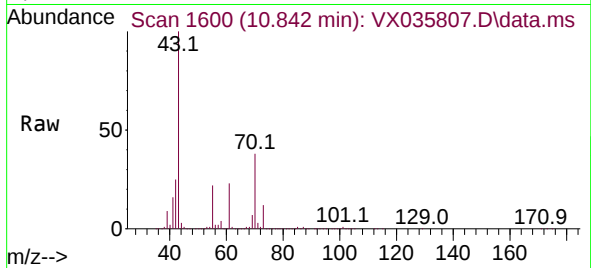
Tgt Ion: 41 Resp: 467280
Ion Ratio Lower Upper
41 100
69 74.8 38.1 114.5
39 61.0 31.4 94.3





#47
n-amy1 Acetate
Concen: 109.317 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

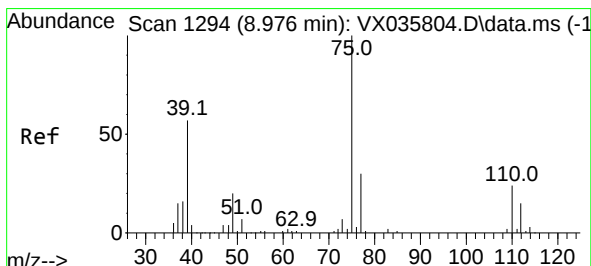
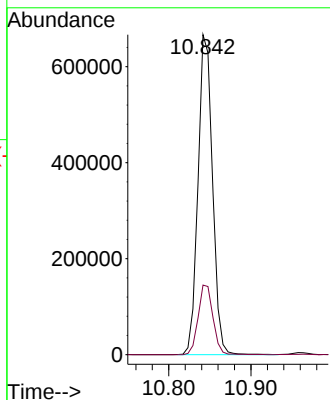
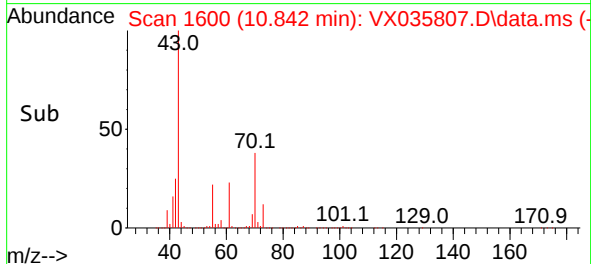
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 81615
Ion Ratio Lower Upper
43 100
55 22.3 18.6 28.0

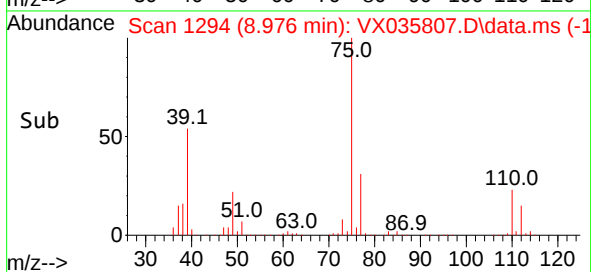
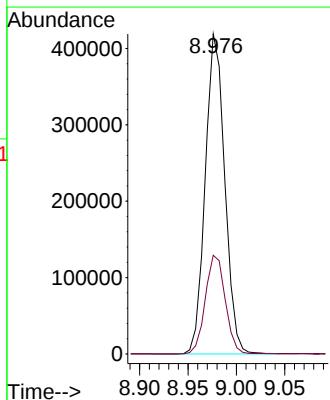
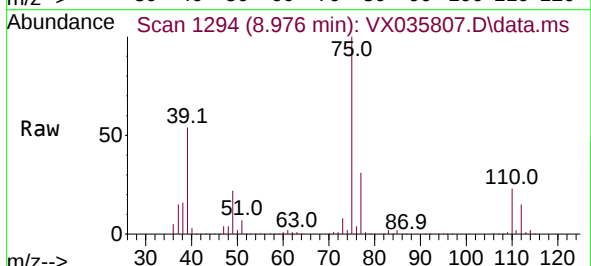
Manual Integrations
APPROVED

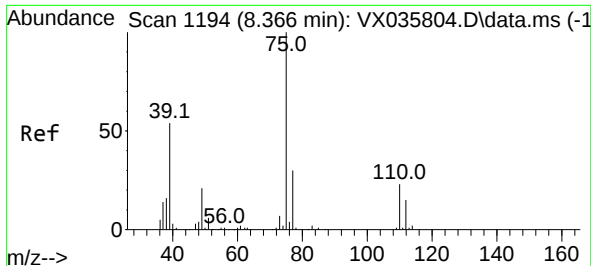
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#48
t-1,3-Dichloropropene
Concen: 117.233 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

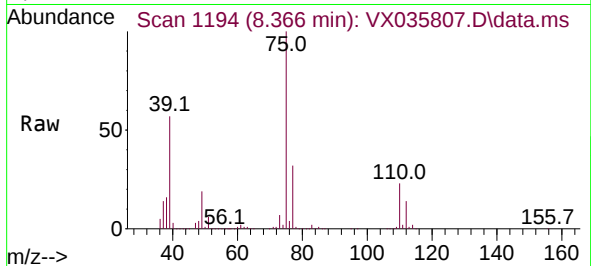
Tgt Ion: 75 Resp: 587991
Ion Ratio Lower Upper
75 100
77 30.8 25.5 38.3





#49
cis-1,3-Dichloropropene
Concen: 112.756 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

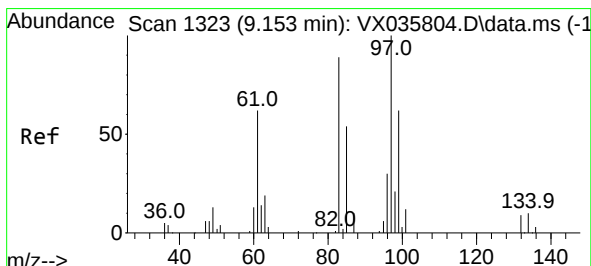
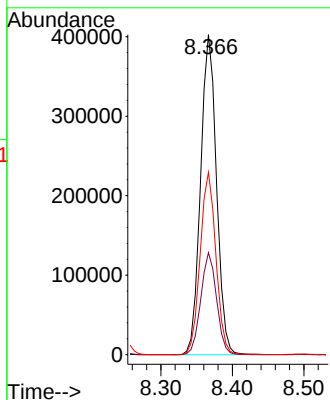
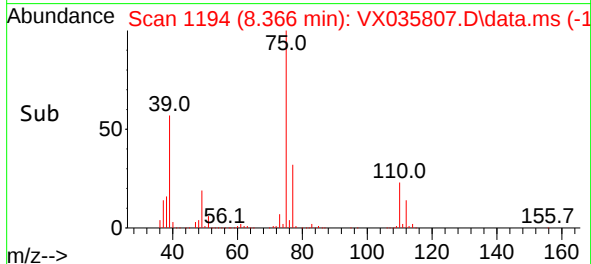
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 621570
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0
39 57.0 44.2 66.2

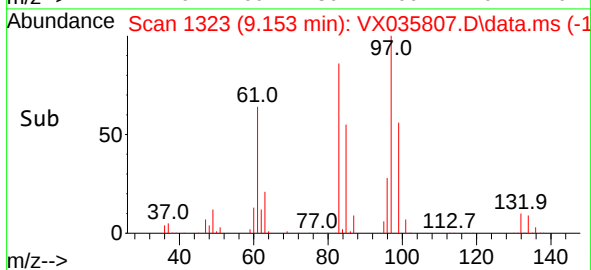
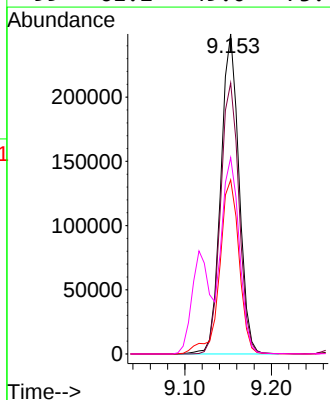
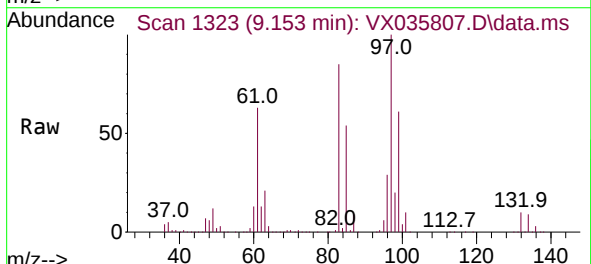
Manual Integrations
APPROVED

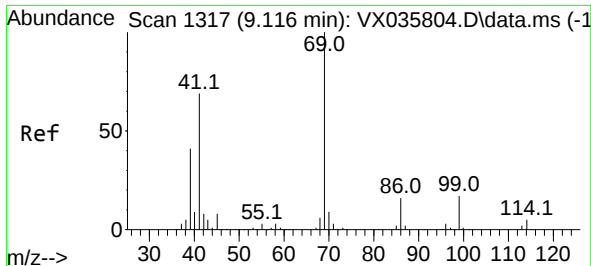
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#50
1,1,2-Trichloroethane
Concen: 105.894 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

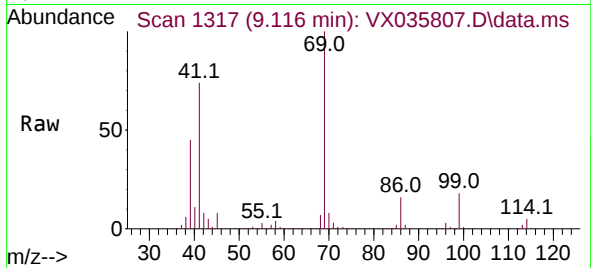
Tgt Ion: 97 Resp: 362914
Ion Ratio Lower Upper
97 100
83 84.7 68.9 103.3
85 54.3 44.0 66.0
99 61.2 49.0 73.4





#51
Ethyl methacrylate
Concen: 109.269 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

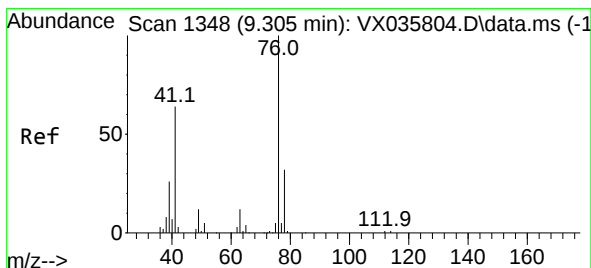
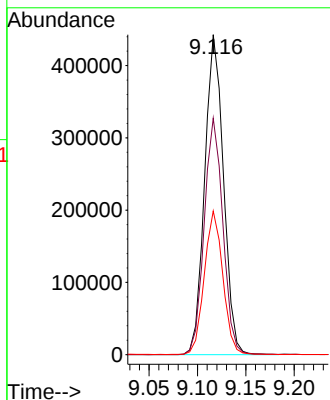
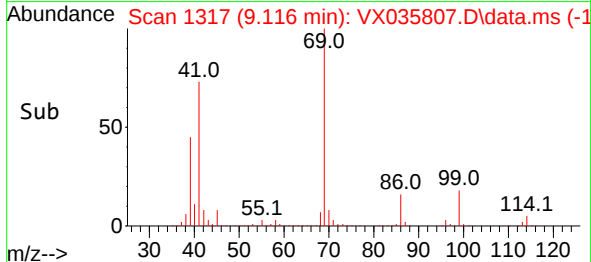
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



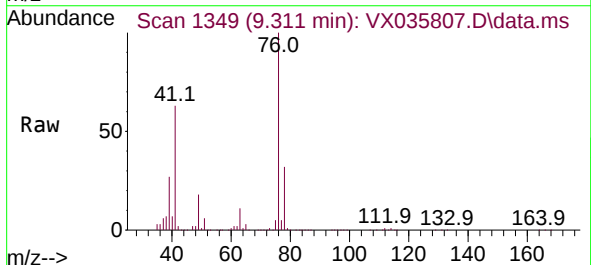
Tgt Ion: 69 Resp: 600470
Ion Ratio Lower Upper
69 100
41 73.8 36.2 108.6
39 44.9 21.2 63.6

Manual Integrations
APPROVED

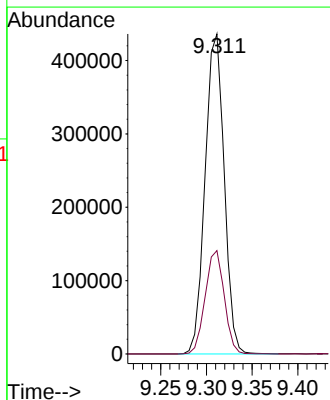
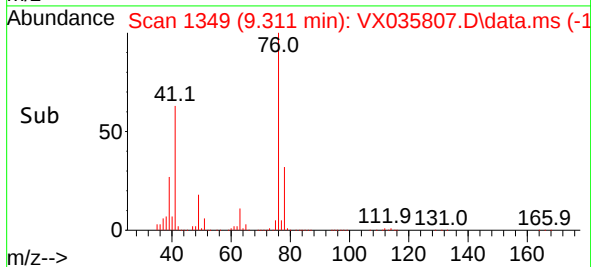
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

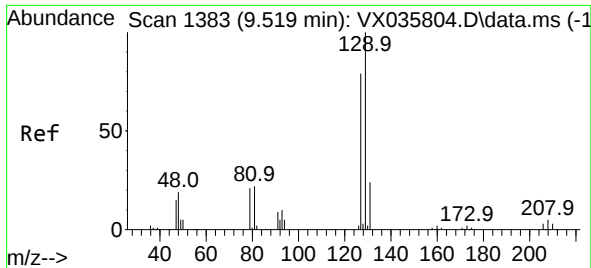


#52
1,3-Dichloropropane
Concen: 104.718 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52



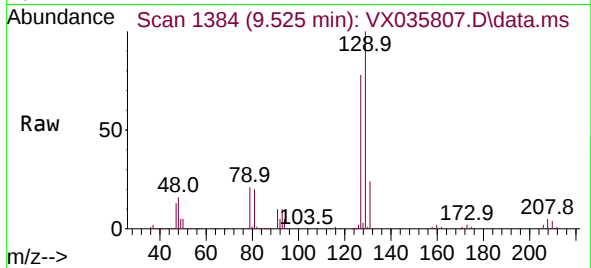
Tgt Ion: 76 Resp: 631707
Ion Ratio Lower Upper
76 100
78 32.2 0.0 63.8





#53
Dibromochloromethane
Concen: 113.211 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

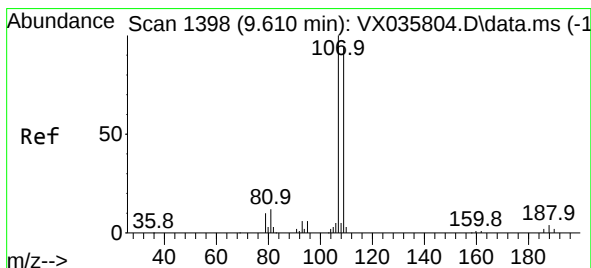
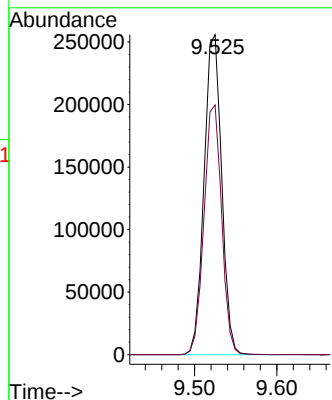
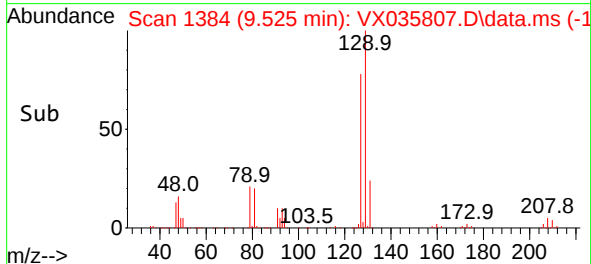
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



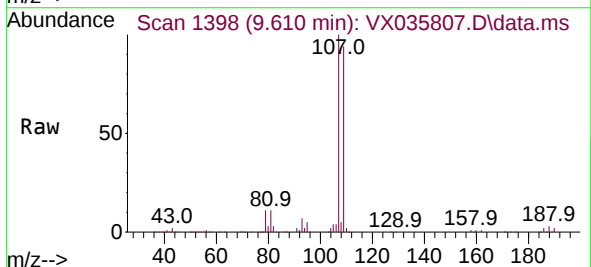
Tgt Ion:129 Resp: 380317
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5

Manual Integrations
APPROVED

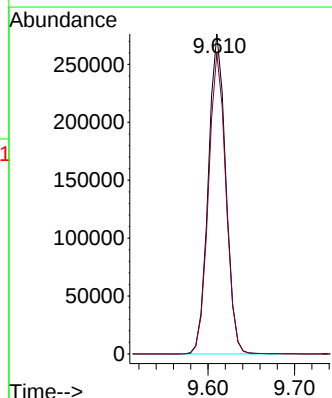
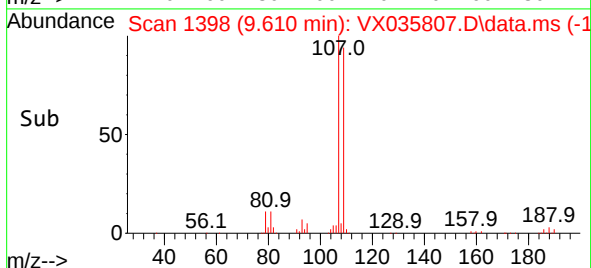
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

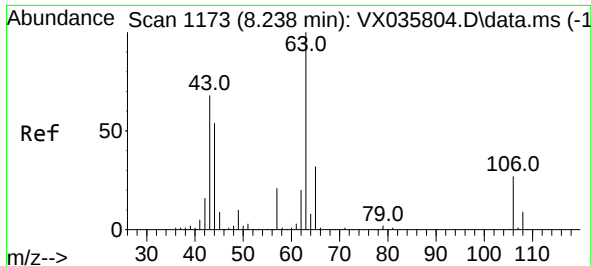


#54
1,2-Dibromoethane
Concen: 105.716 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52



Tgt Ion:107 Resp: 386604
Ion Ratio Lower Upper
107 100
109 93.6 75.4 113.2





#55
2-Chloroethyl vinyl ether
Concen: 526.539 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

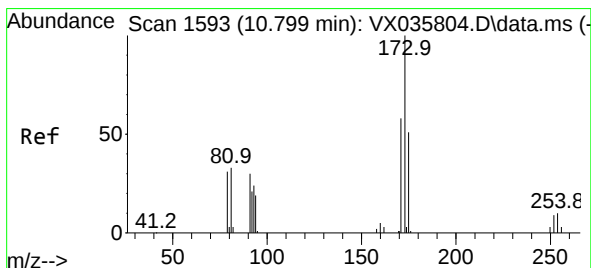
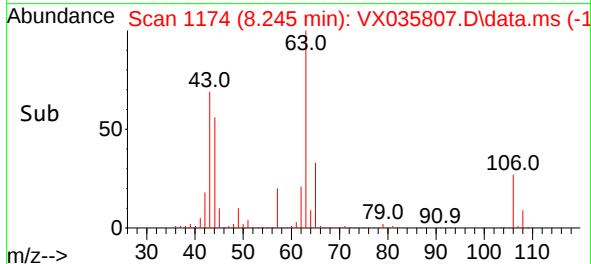
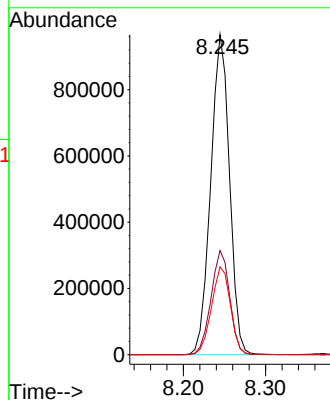
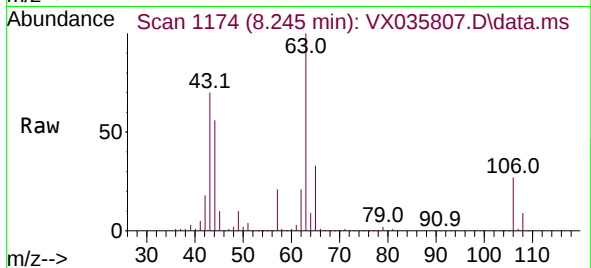
VSTDICC150

Tgt Ion: 63 Resp: 153110
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.2
106 27.6 21.6 32.4

Manual Integrations

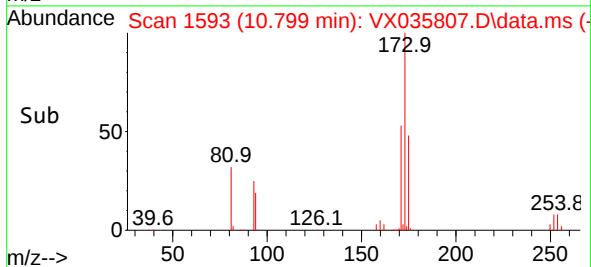
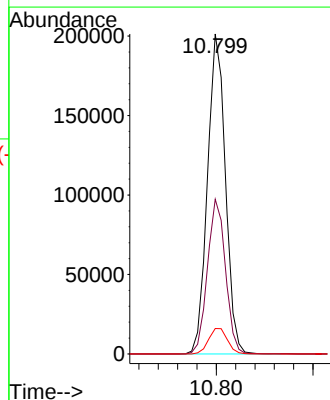
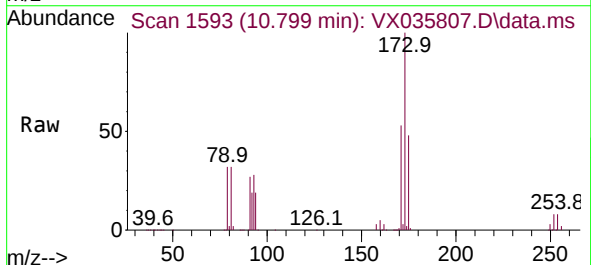
APPROVED

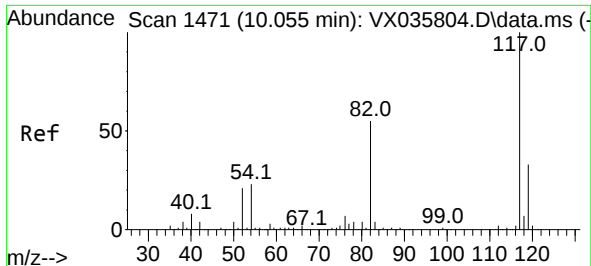
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#56
Bromoform
Concen: 112.586 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Tgt Ion:173 Resp: 259997
Ion Ratio Lower Upper
173 100
175 48.6 37.0 55.4
254 8.4 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 117 Resp: 197235

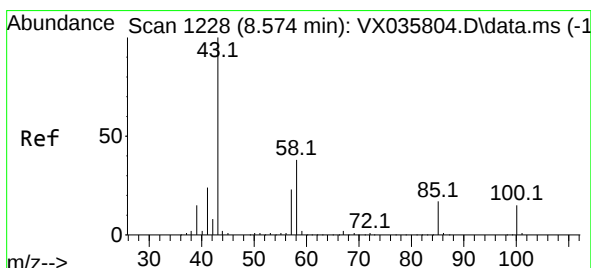
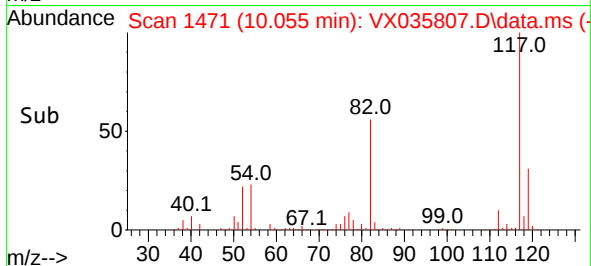
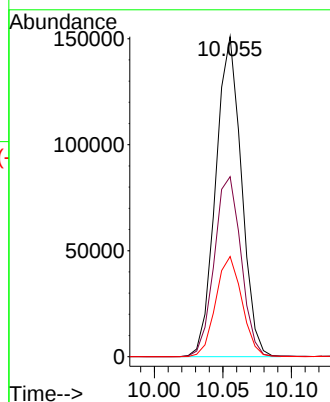
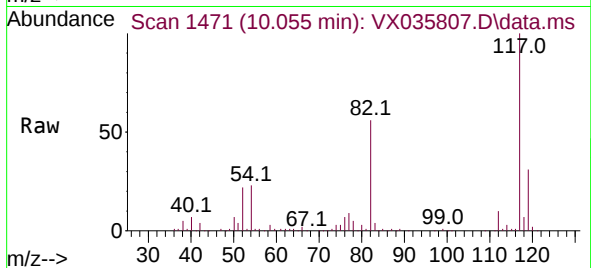
Ion	Ratio	Lower	Upper
117	100		
82	58.6	45.8	68.8
119	31.9	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

4-Methyl-2-Pentanone

Concen: 625.716 ug/l

RT: 8.580 min Scan# 1229

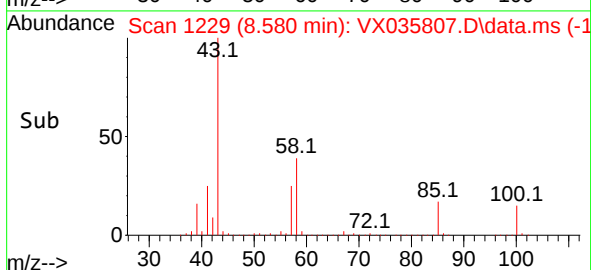
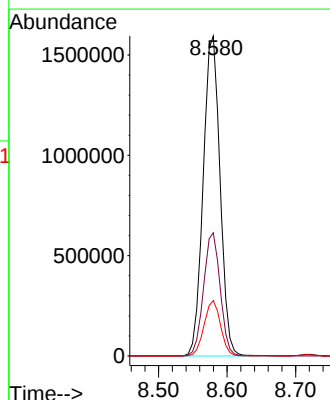
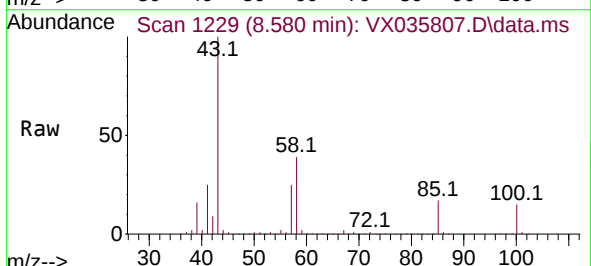
Delta R.T. 0.006 min

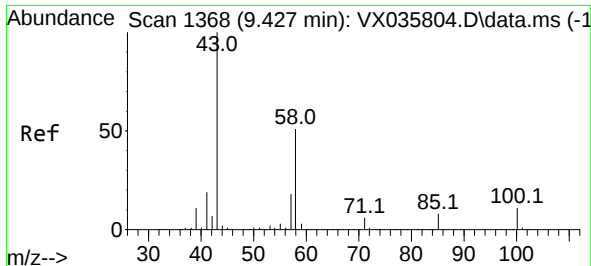
Lab File: VX035807.D

Acq: 23 May 2023 10:52

Tgt Ion: 43 Resp: 2734206

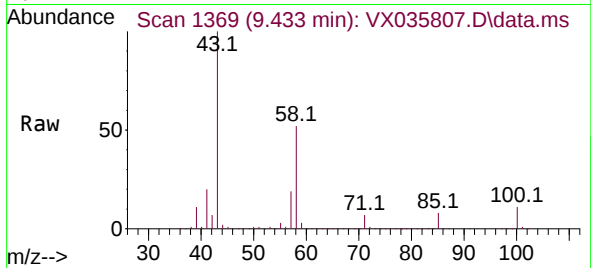
Ion	Ratio	Lower	Upper
43	100		
58	38.0	29.9	44.9
85	16.9	13.2	19.8





#59
2-Hexanone
Concen: 617.016 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

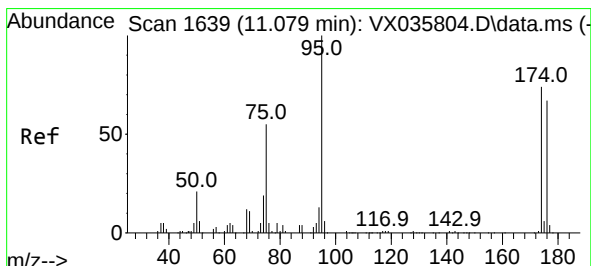
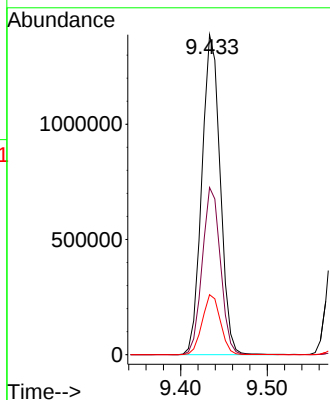
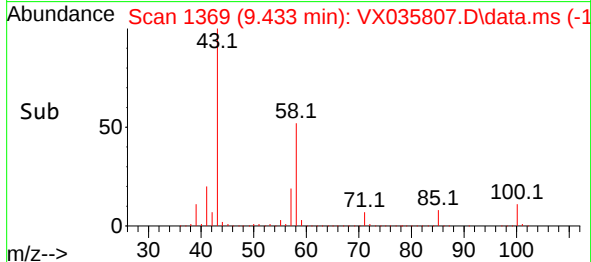
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 203992
Ion Ratio Lower Upper
43 100
58 51.9 41.7 62.5
57 18.6 14.7 22.1

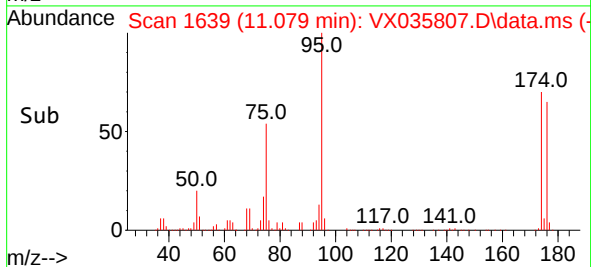
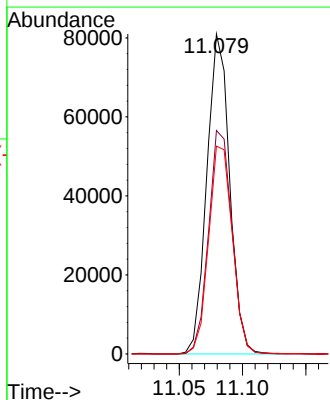
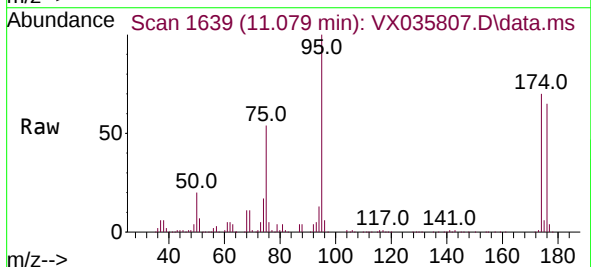
Manual Integrations
APPROVED

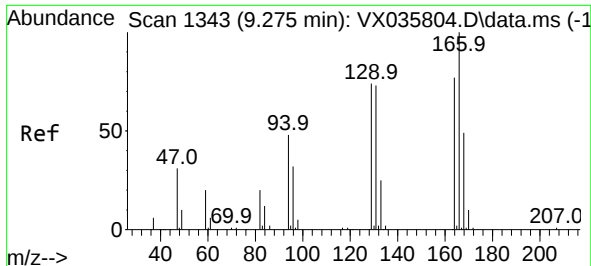
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#60
4-Bromofluorobenzene
Concen: 26.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

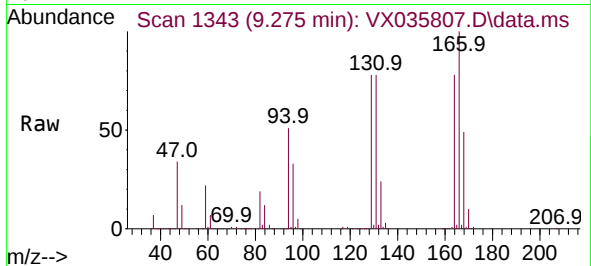
Tgt Ion: 95 Resp: 101659
Ion Ratio Lower Upper
95 100
174 71.8 0.2 0.4#
176 67.5 0.2 0.2#





#61
Tetrachloroethene
Concen: 113.172 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

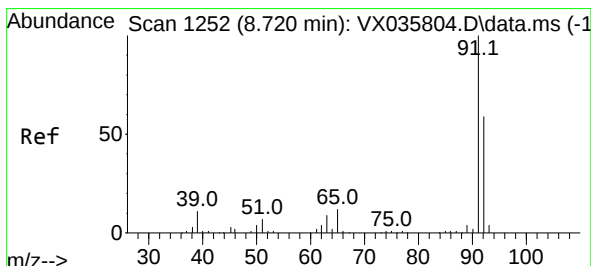
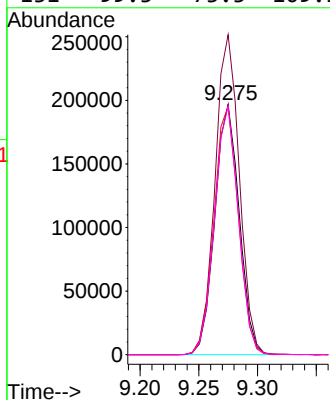
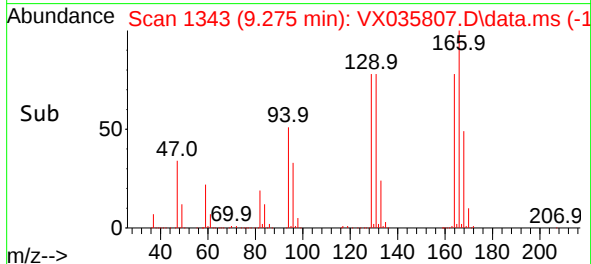
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:164 Resp: 284623
Ion Ratio Lower Upper
164 100
166 127.9 100.1 150.1
129 99.3 79.1 118.7
131 99.3 73.3 109.9

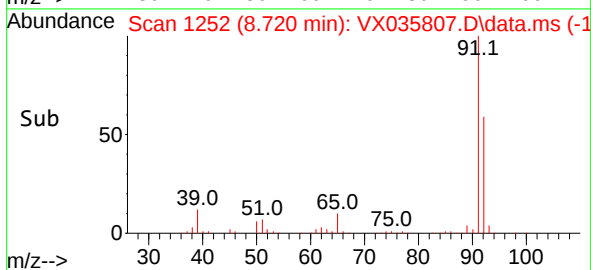
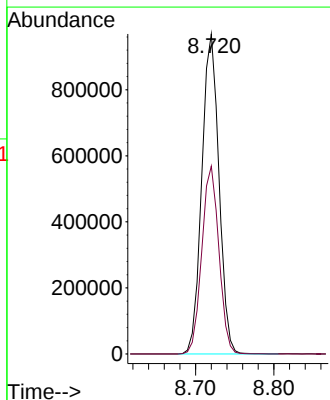
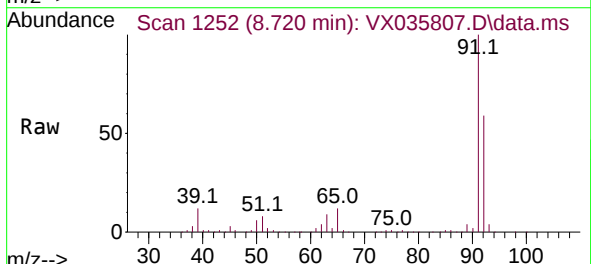
Manual Integrations
APPROVED

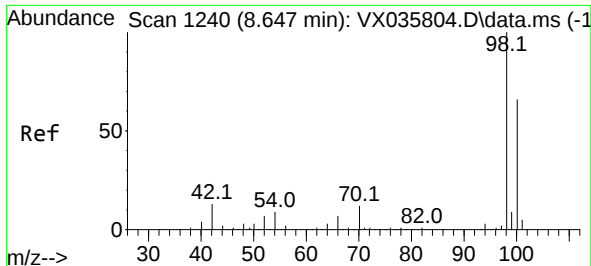
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#62
Toluene
Concen: 118.917 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

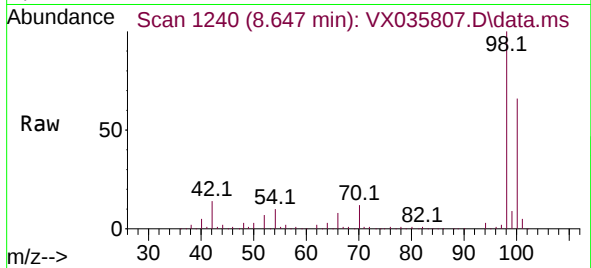
Tgt Ion: 91 Resp: 1470183
Ion Ratio Lower Upper
91 100
92 58.5 46.5 69.7





#63
Toluene-d8
Concen: 36.679 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

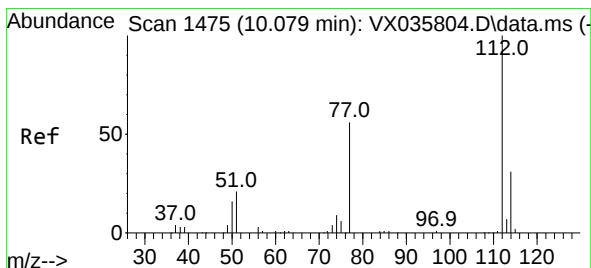
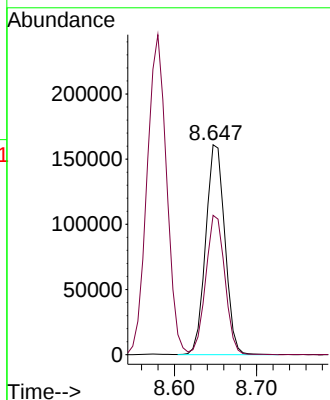
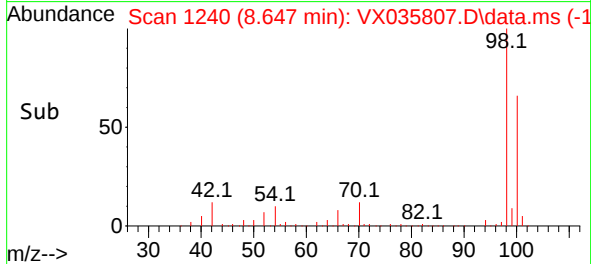
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



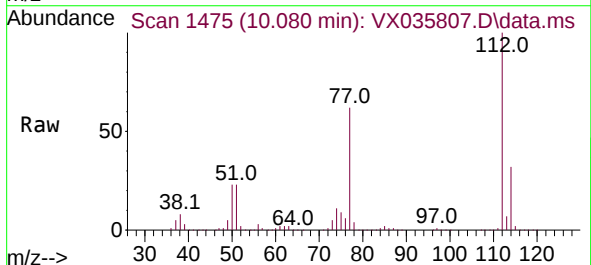
Tgt Ion: 98 Resp: 26053
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1

Manual Integrations
APPROVED

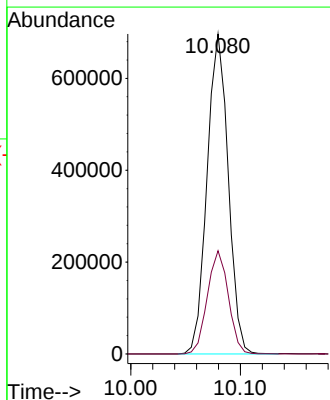
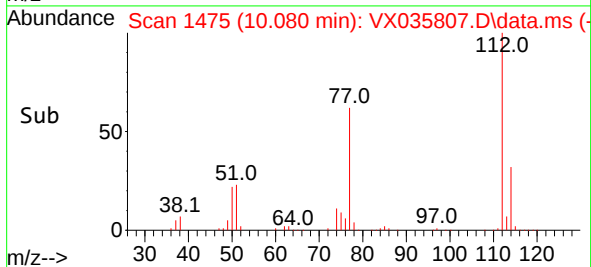
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

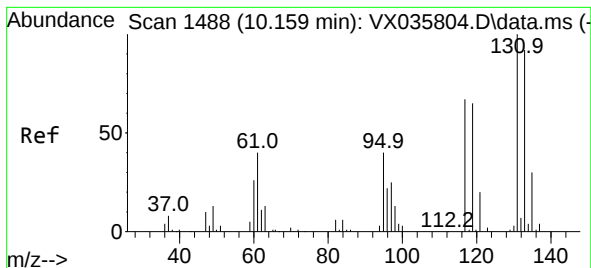


#64
Chlorobenzene
Concen: 121.840 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52



Tgt Ion:112 Resp: 934089
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8





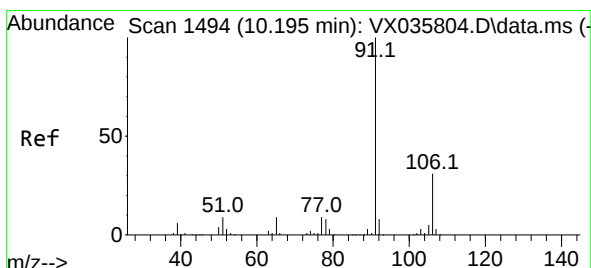
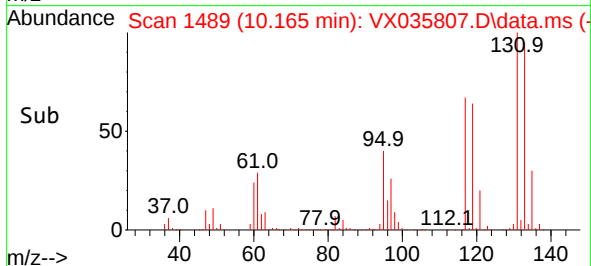
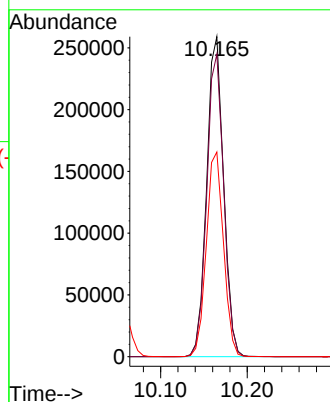
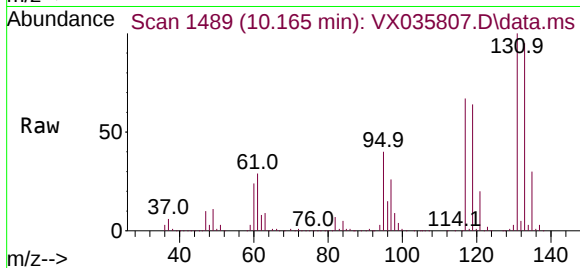
#65
1,1,1,2-Tetrachloroethane
Concen: 129.061 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:131 Resp: 35132
Ion Ratio Lower Upper
131 100
133 94.9 0.0 186.6
119 64.9 0.0 128.6

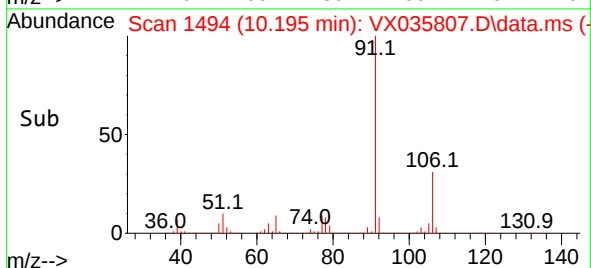
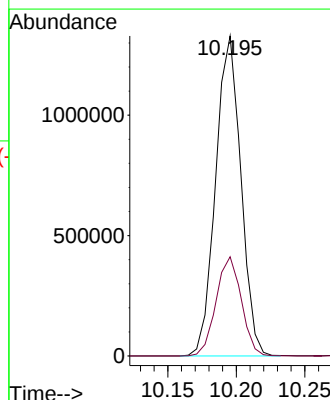
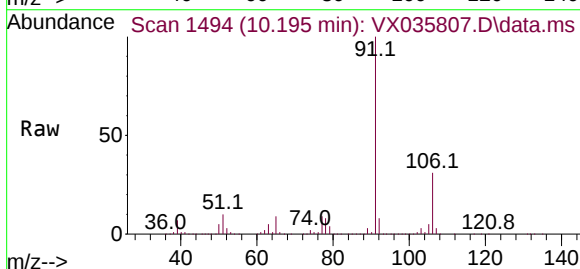
Manual Integrations
APPROVED

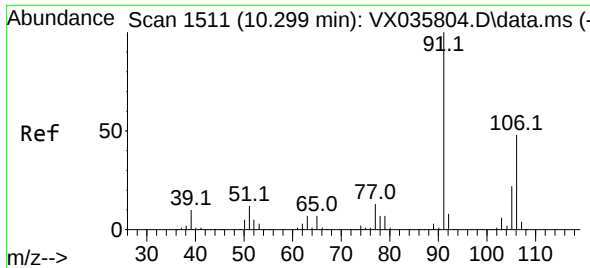
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#66
Ethyl Benzene
Concen: 123.737 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Tgt Ion: 91 Resp: 1701535
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6





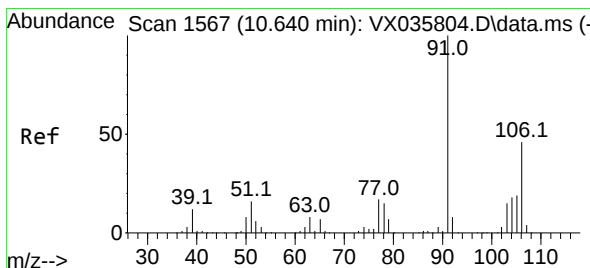
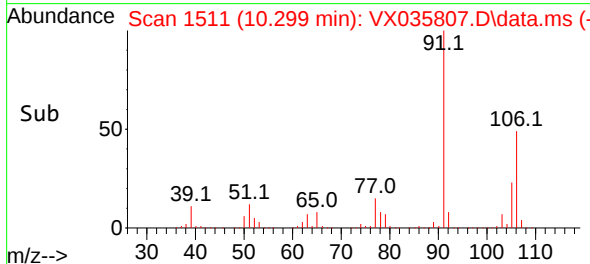
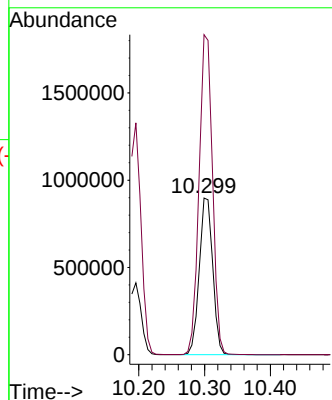
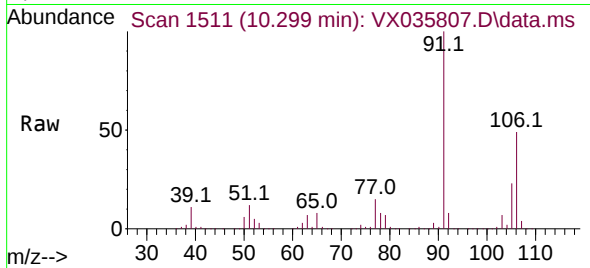
#67
m/p-Xylenes
Concen: 242.741 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 1276500
Ion Ratio Lower Upper
106 100
91 204.0 167.4 251.2

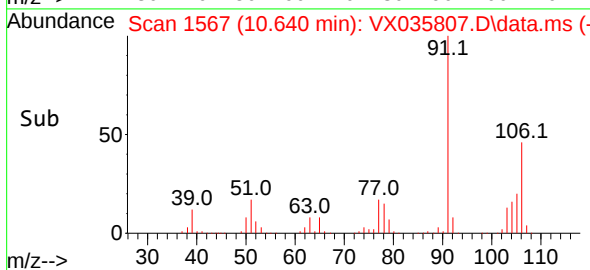
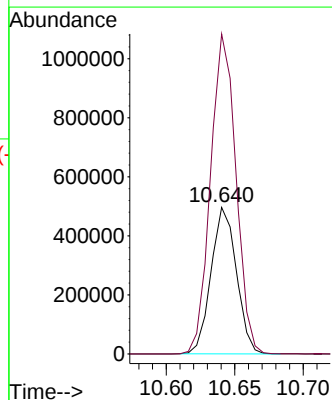
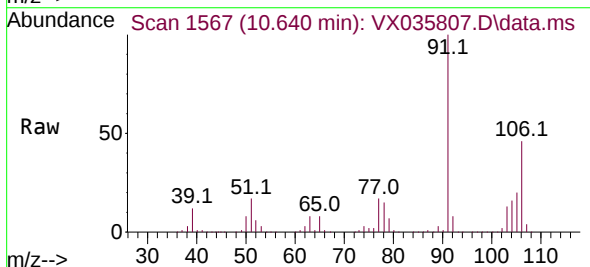
Manual Integrations
APPROVED

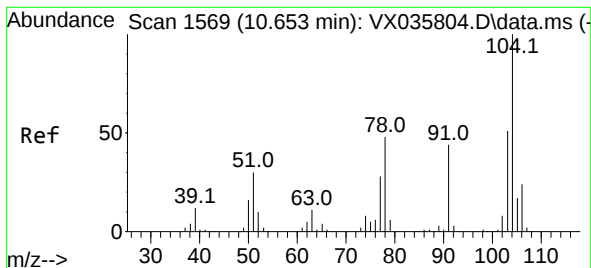
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#68
o-Xylene
Concen: 122.620 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Tgt Ion:106 Resp: 638249
Ion Ratio Lower Upper
106 100
91 219.1 108.9 326.8





#69

Styrene

Concen: 125.240 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:104 Resp: 1077184

Ion Ratio Lower Upper

104 100

78 54.9 42.8 64.2

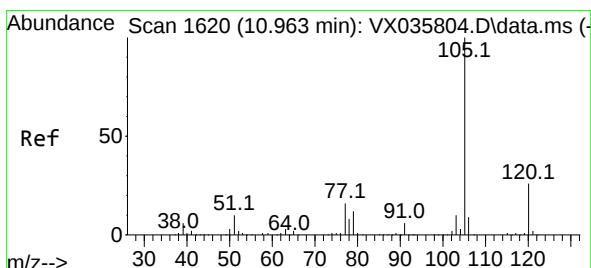
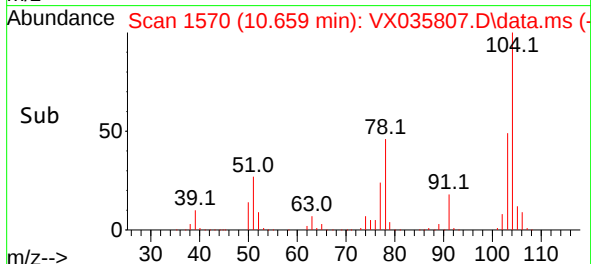
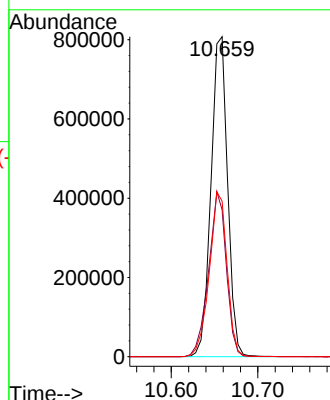
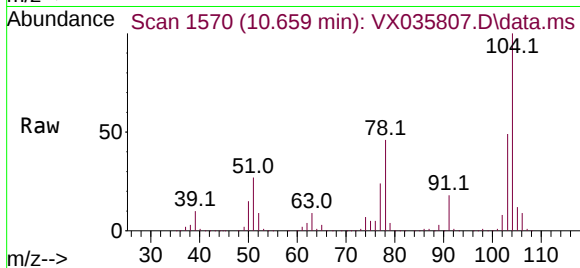
103 54.8 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#70

Isopropylbenzene

Concen: 125.134 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX035807.D

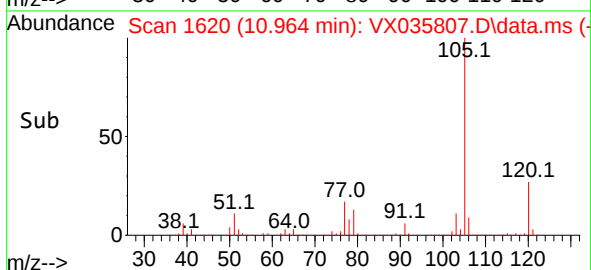
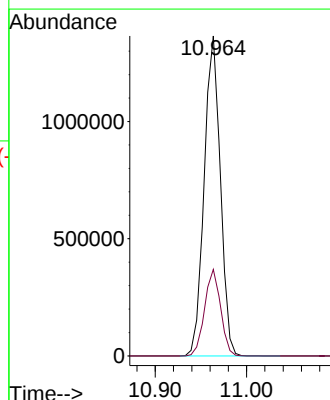
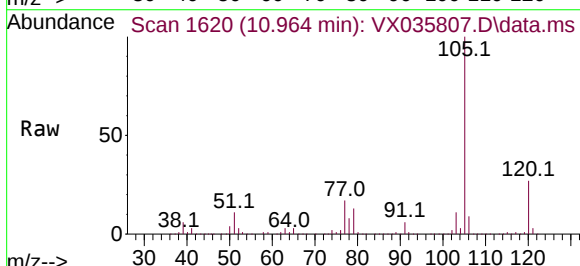
Acq: 23 May 2023 10:52

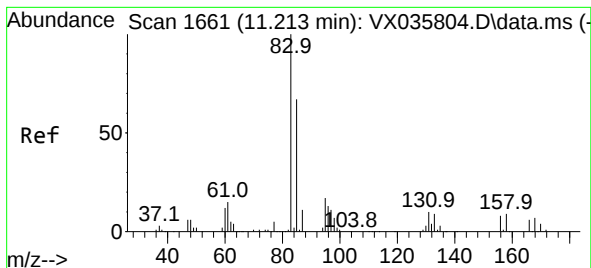
Tgt Ion:105 Resp: 1678349

Ion Ratio Lower Upper

105 100

120 26.7 18.5 34.3





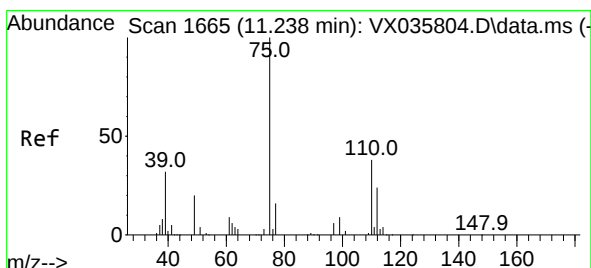
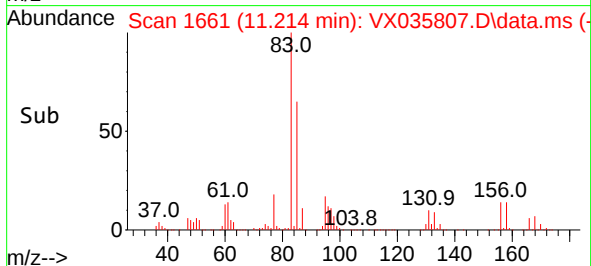
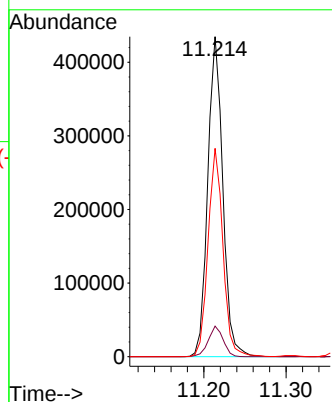
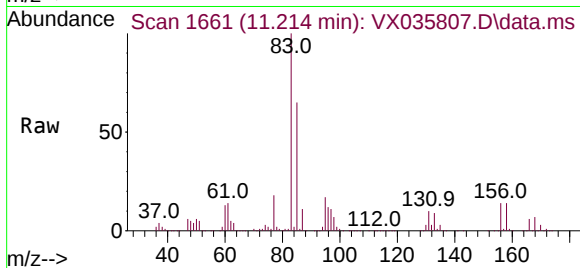
#71
1,1,2,2-Tetrachloroethane
Concen: 123.740 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 55236
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.2
85 64.4 31.9 95.5

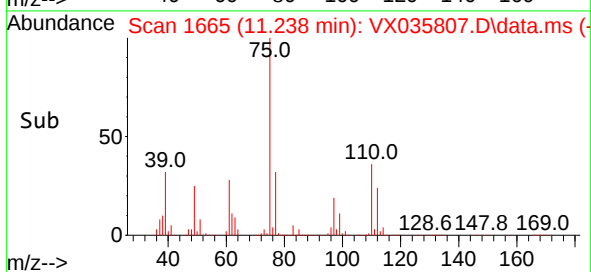
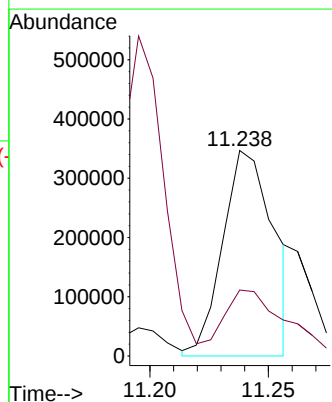
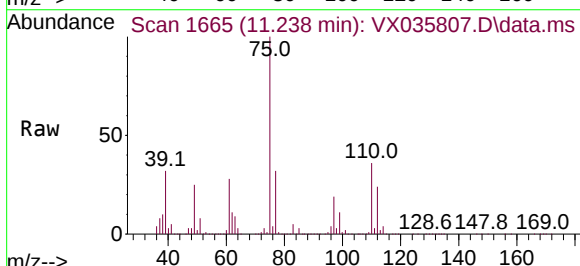
Manual Integrations
APPROVED

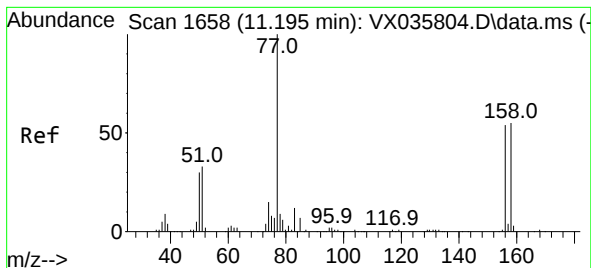
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#72
1,2,3-Trichloropropane
Concen: 129.373 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Tgt Ion: 75 Resp: 517205
Ion Ratio Lower Upper
75 100
77 39.7 0.0 73.8





#73

Bromobenzene

Concen: 120.355 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:156 Resp: 389479

Ion Ratio Lower Upper

156 100

77 177.6 0.0 330.8

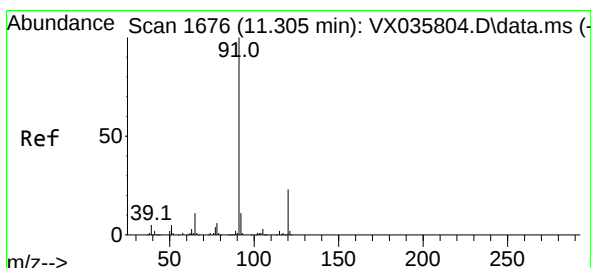
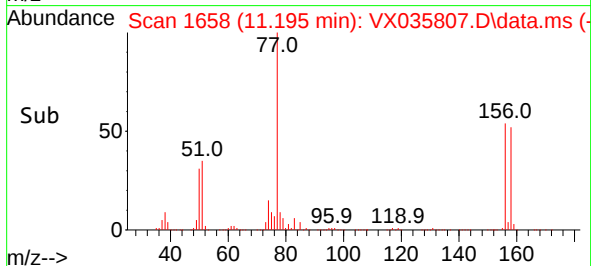
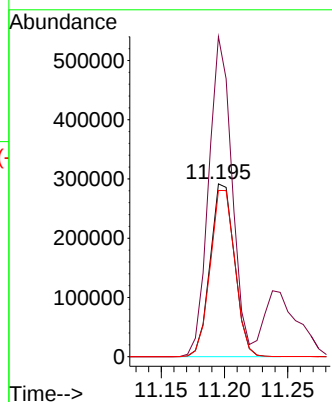
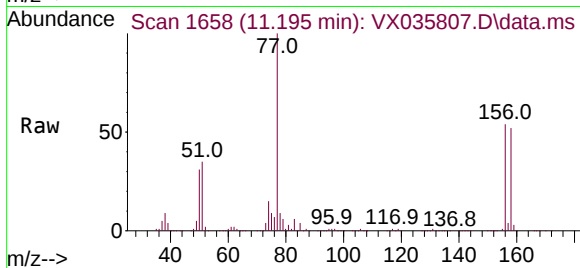
158 97.4 0.0 193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#74

n-propylbenzene

Concen: 129.238 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX035807.D

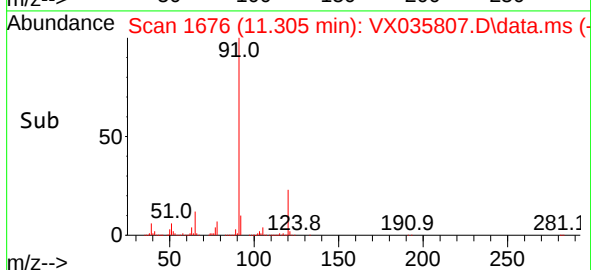
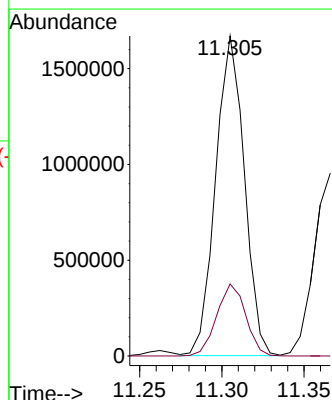
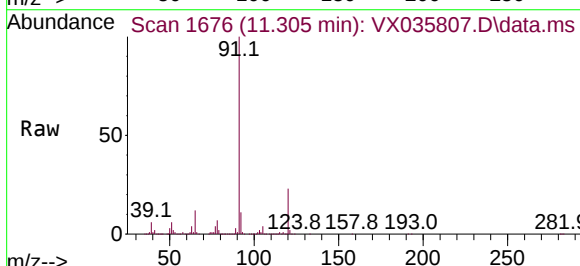
Acq: 23 May 2023 10:52

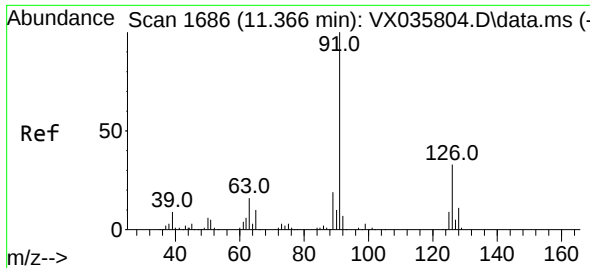
Tgt Ion: 91 Resp: 2025591

Ion Ratio Lower Upper

91 100

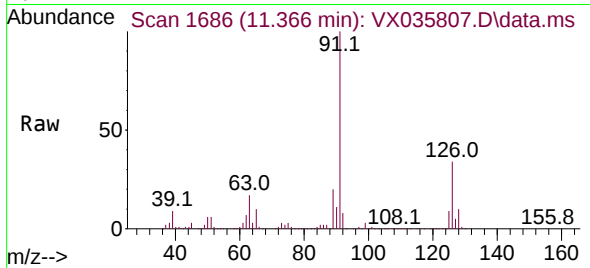
120 22.7 0.0 44.8





#75
2-Chlorotoluene
Concen: 123.076 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

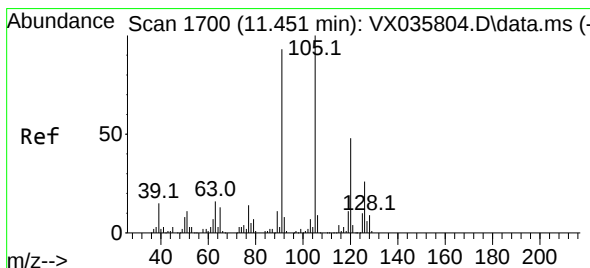
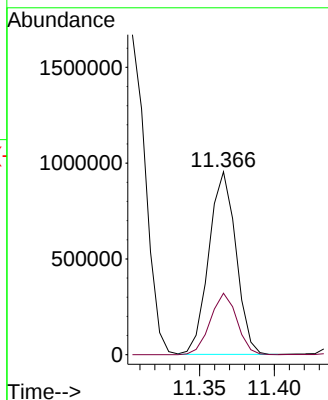
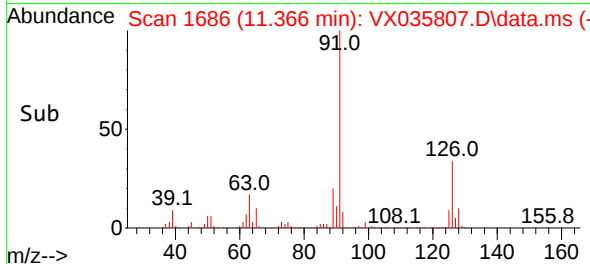
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



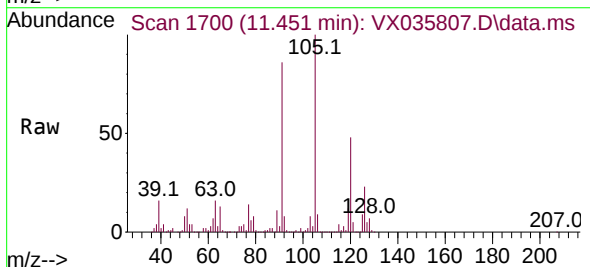
Tgt Ion: 91 Resp: 120408
Ion Ratio Lower Upper
91 100
126 32.9 0.0 66.4

Manual Integrations
APPROVED

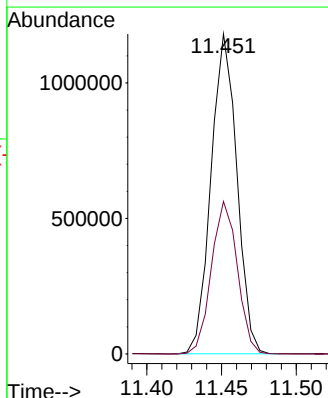
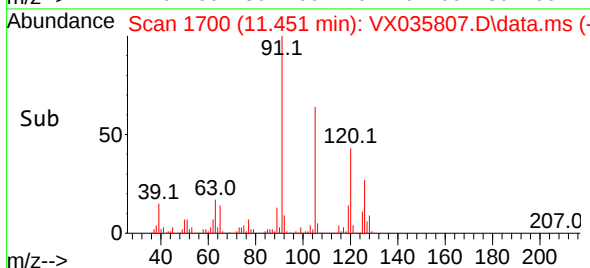
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023

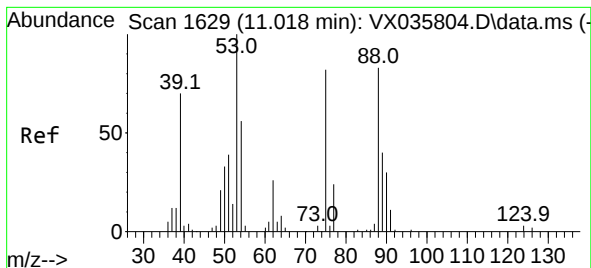


#76
1,3,5-Trimethylbenzene
Concen: 125.195 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52



Tgt Ion:105 Resp: 1417809
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.4





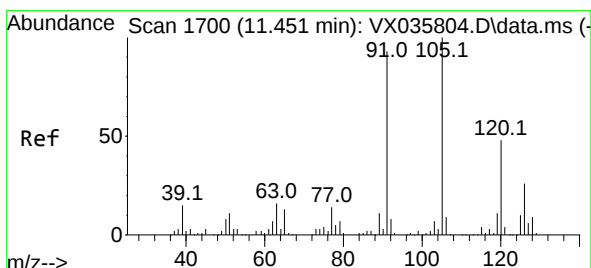
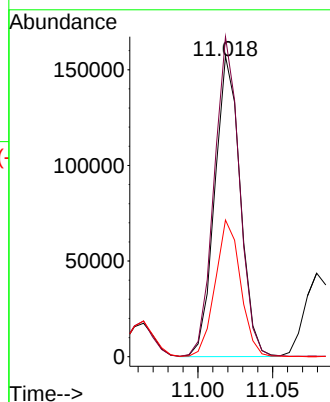
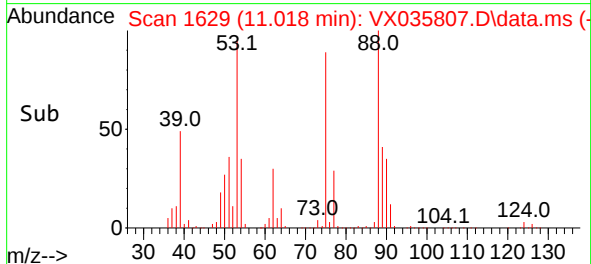
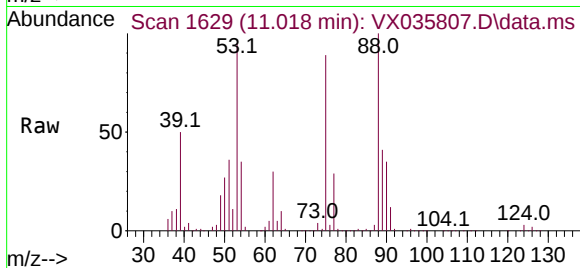
#77
t-1,4-Dichloro-2-butene
Concen: 150.472 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 18656
Ion Ratio Lower Upper
75 100
53 106.6 58.2 174.6
89 45.4 20.6 61.8

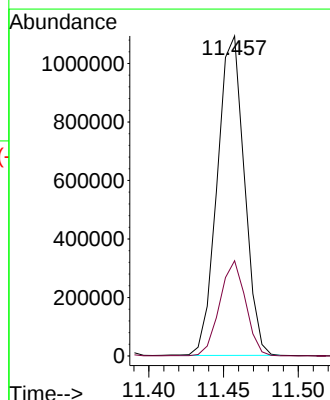
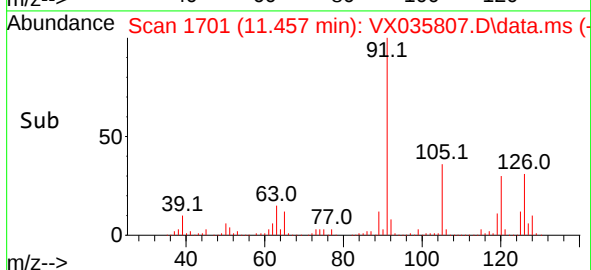
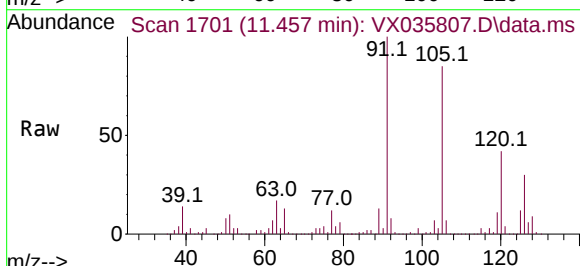
Manual Integrations
APPROVED

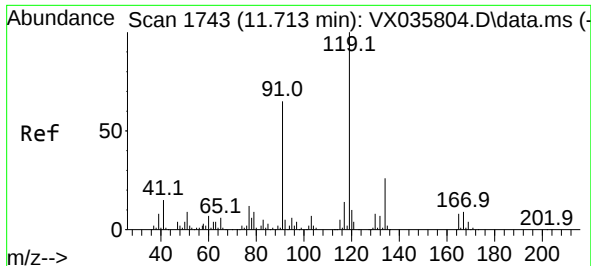
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#78
4-Chlorotoluene
Concen: 122.379 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

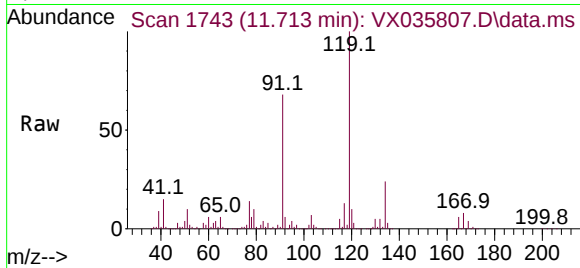
Tgt Ion: 91 Resp: 1376979
Ion Ratio Lower Upper
91 100
126 28.5 0.0 56.8





#79
tert-butylbenzene
Concen: 128.592 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

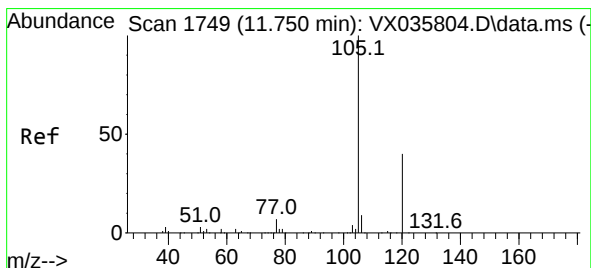
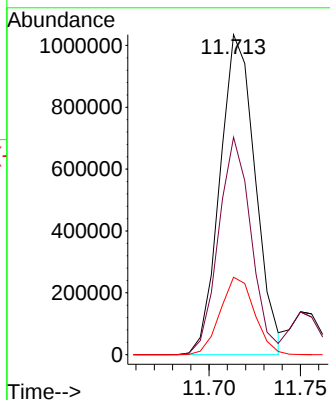
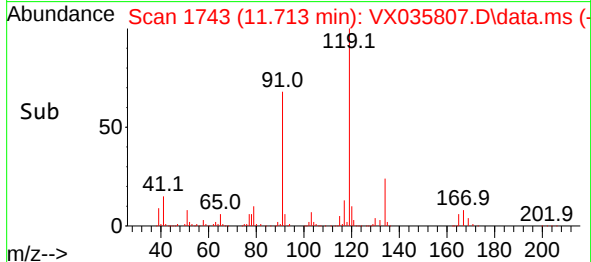
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 1389220
Ion Ratio Lower Upper
119 100
91 62.9 0.0 122.4
134 23.5 0.0 49.2

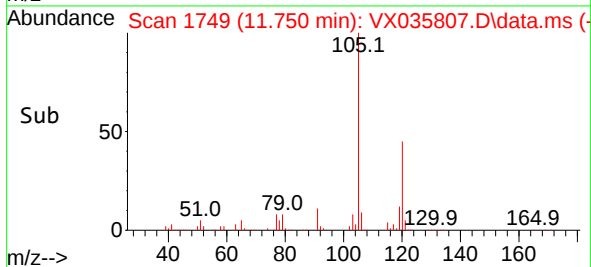
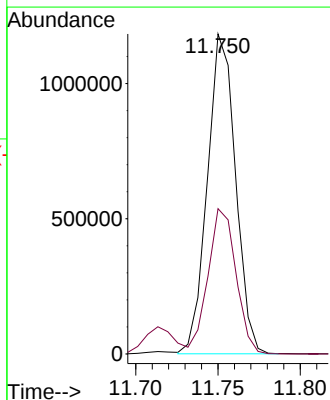
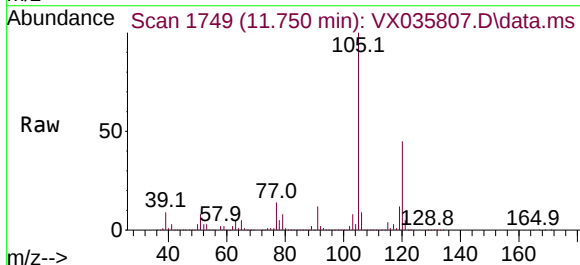
Manual Integrations
APPROVED

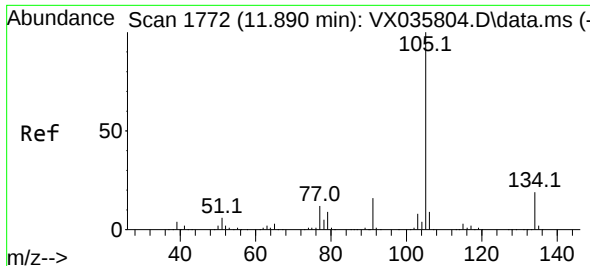
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#80
1,2,4-Trimethylbenzene
Concen: 124.583 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

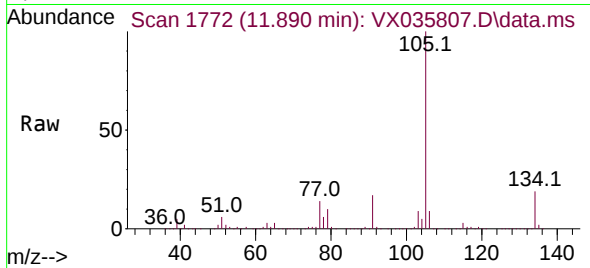
Tgt Ion:105 Resp: 1408569
Ion Ratio Lower Upper
105 100
120 45.0 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 137.663 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035807.D
 Acq: 23 May 2023 10:52

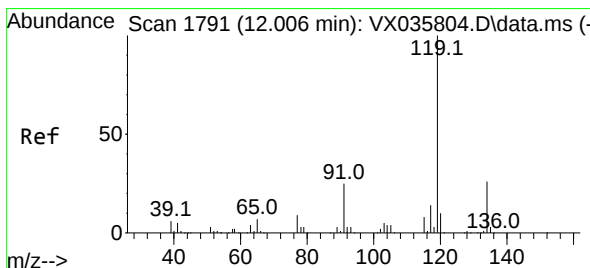
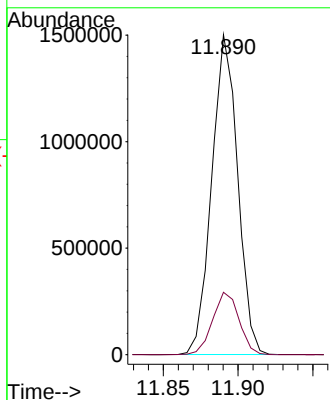
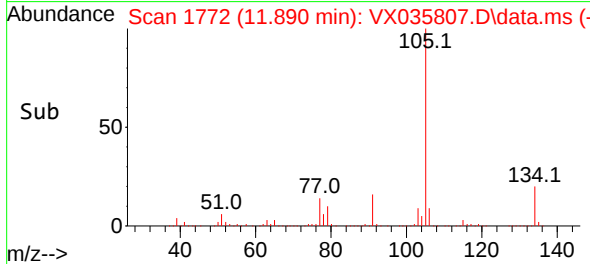
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



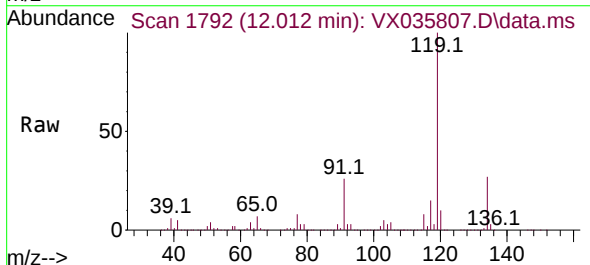
Tgt Ion:105 Resp: 180574
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.2

Manual Integrations
 APPROVED

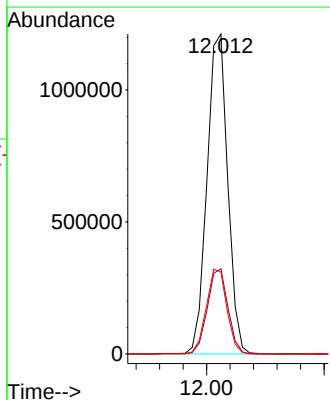
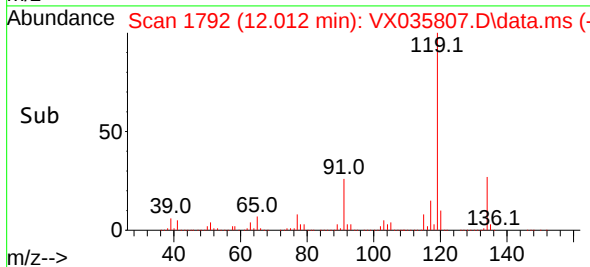
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

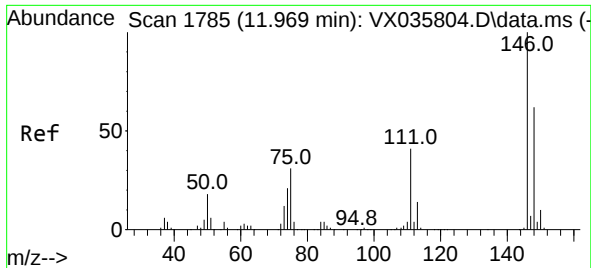


#82
 p-Isopropyltoluene
 Concen: 133.839 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035807.D
 Acq: 23 May 2023 10:52



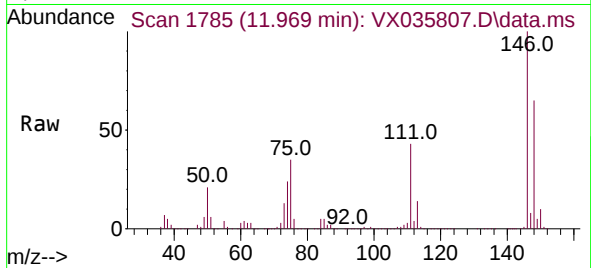
Tgt Ion:119 Resp: 1483969
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.2
 91 26.3 0.0 51.0





#83
 1,3-Dichlorobenzene
 Concen: 120.489 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX035807.D
 Acq: 23 May 2023 10:52

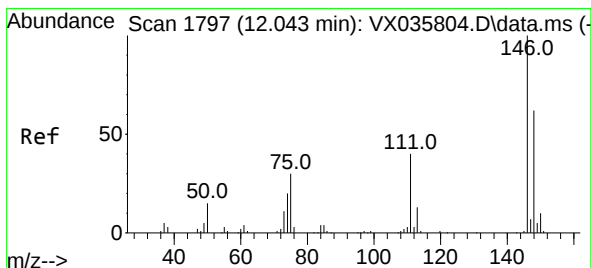
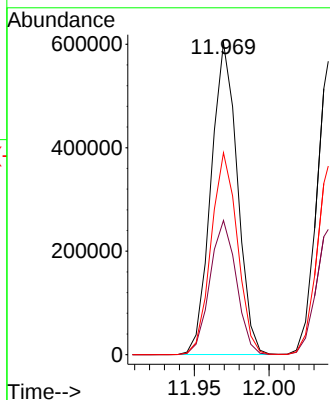
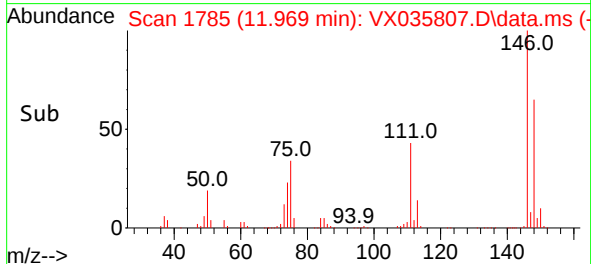
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



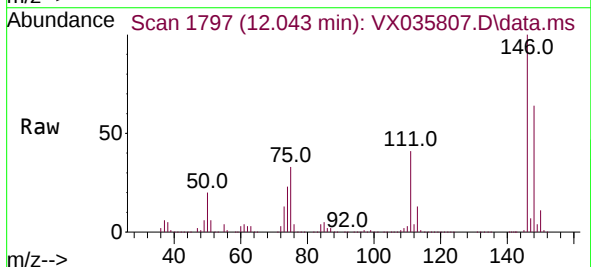
Tgt Ion:146 Resp: 737320
 Ion Ratio Lower Upper
 146 100
 111 43.2 20.6 61.9
 148 64.7 31.6 94.7

Manual Integrations
 APPROVED

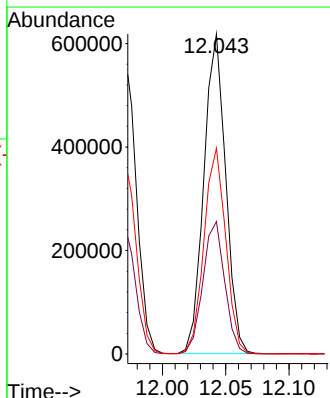
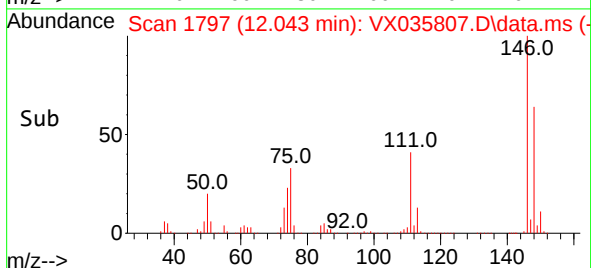
Reviewed By :John Carlone 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

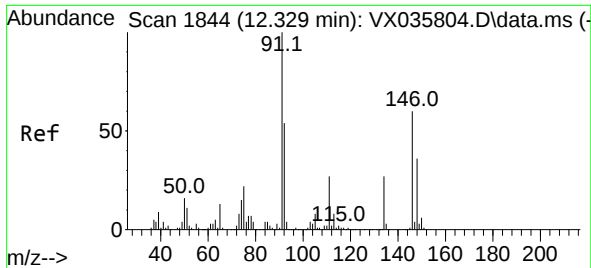


#84
 1,4-Dichlorobenzene
 Concen: 120.520 ug/l
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX035807.D
 Acq: 23 May 2023 10:52



Tgt Ion:146 Resp: 742523
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 60.9
 148 64.3 31.8 95.3





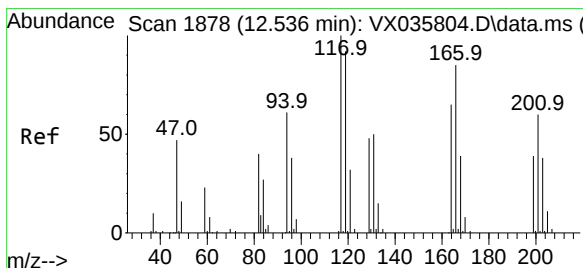
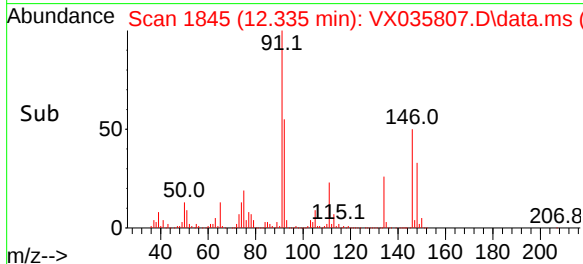
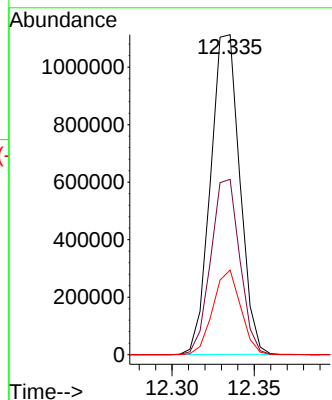
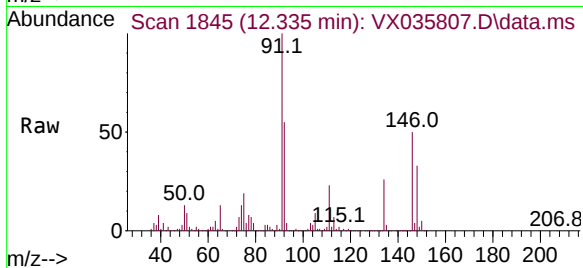
#85
n-Butylbenzene
Concen: 144.359 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 137723
Ion Ratio Lower Upper
91 100
92 54.3 0.0 107.6
134 25.1 0.0 49.8

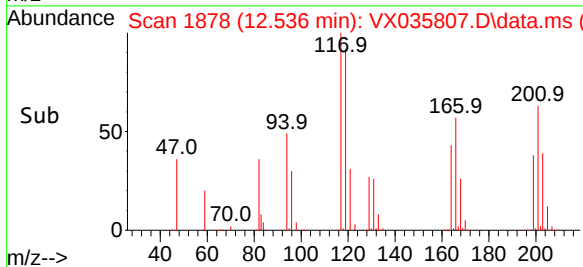
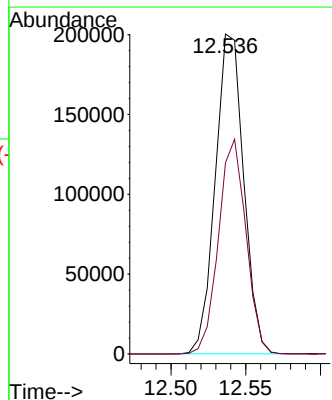
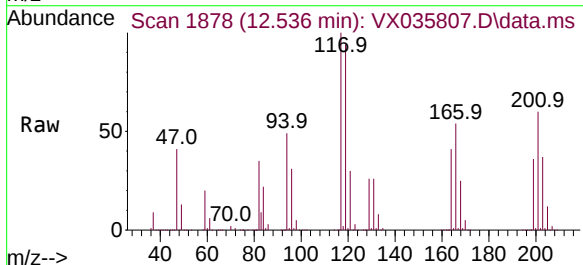
Manual Integrations
APPROVED

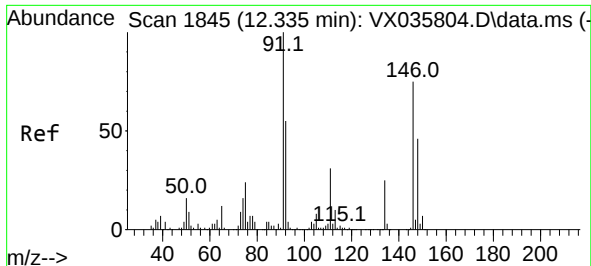
Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#86
Hexachloroethane
Concen: 146.134 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

Tgt Ion:117 Resp: 264812
Ion Ratio Lower Upper
117 100
201 65.0 35.4 106.2





#87

1,2-Dichlorobenzene

Concen: 115.692 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

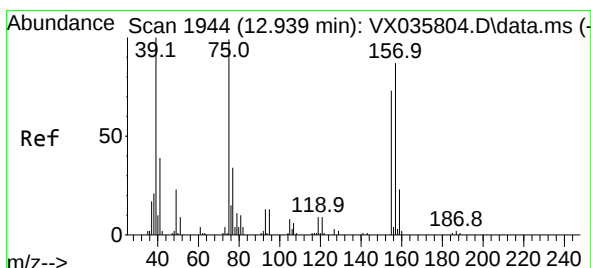
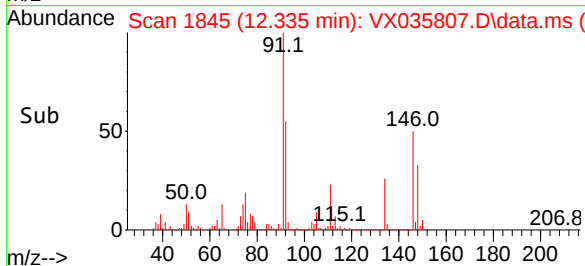
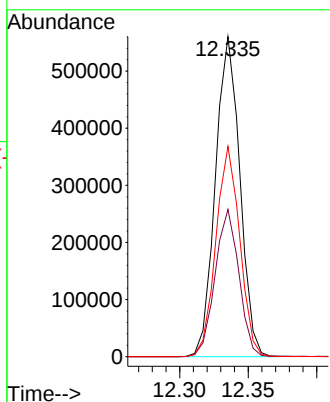
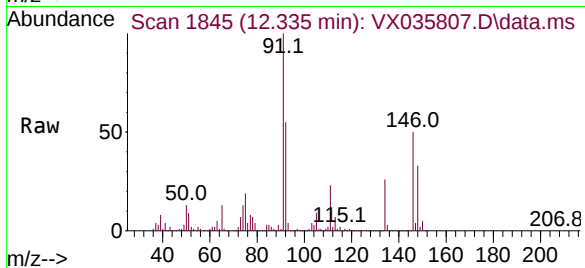
Tgt Ion:	146	Resp:	69444
Ion Ratio	Lower	Upper	
146	100		
111	44.8	21.3	64.0
148	64.1	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 128.265 ug/l

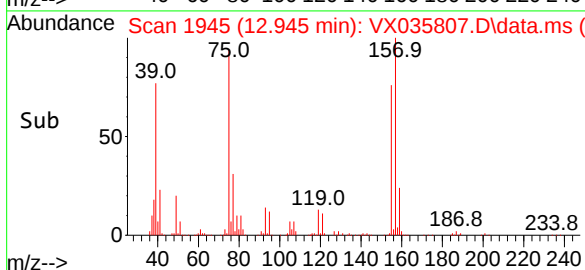
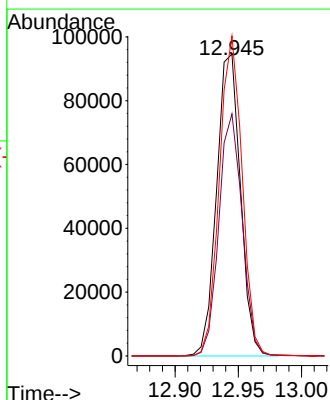
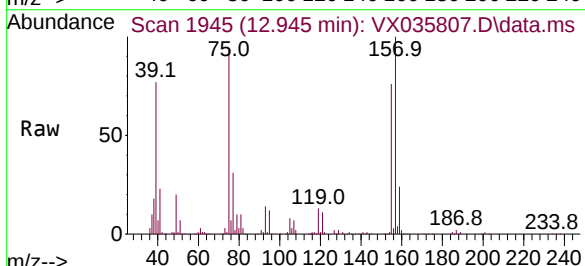
RT: 12.945 min Scan# 1945

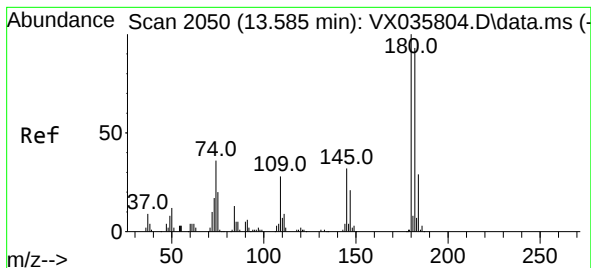
Delta R.T. 0.006 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Tgt Ion:	75	Resp:	123998
Ion Ratio	Lower	Upper	
75	100		
155	78.3	63.7	95.5
157	100.9	83.7	125.5





#89

1,2,4-Trichlorobenzene

Concen: 128.675 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 461579

Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.8

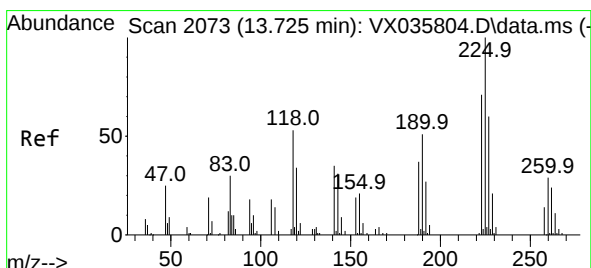
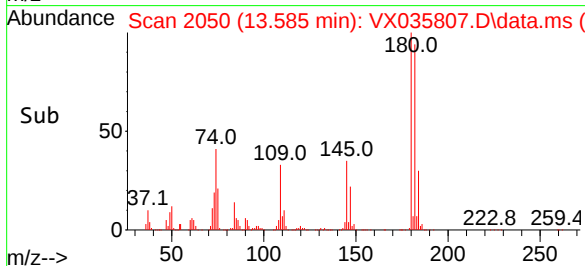
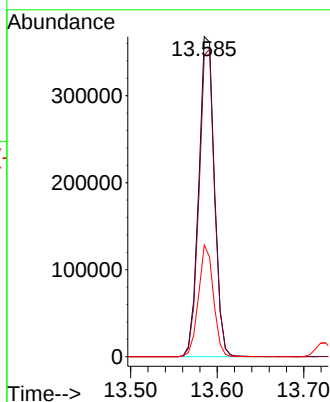
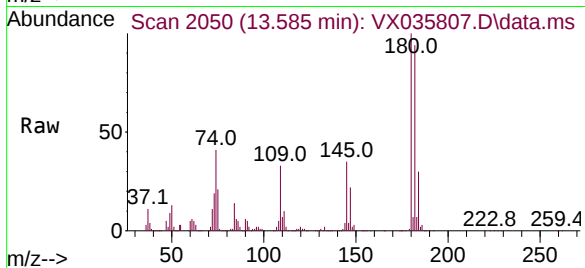
145 33.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#90

Hexachlorobutadiene

Concen: 134.501 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035807.D

Acq: 23 May 2023 10:52

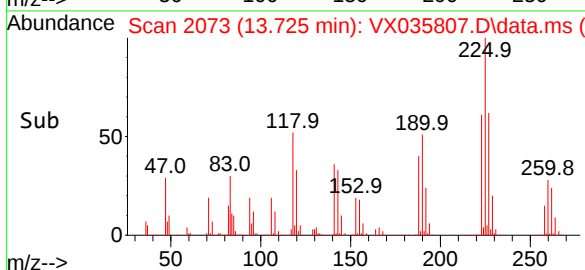
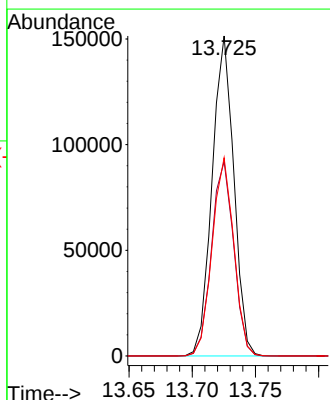
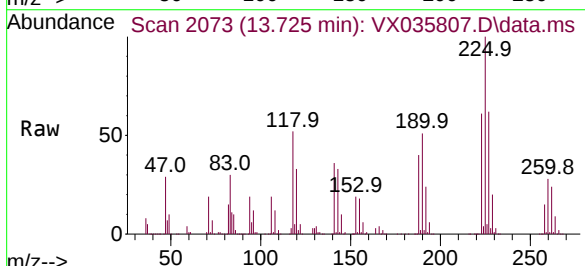
Tgt Ion:225 Resp: 180461

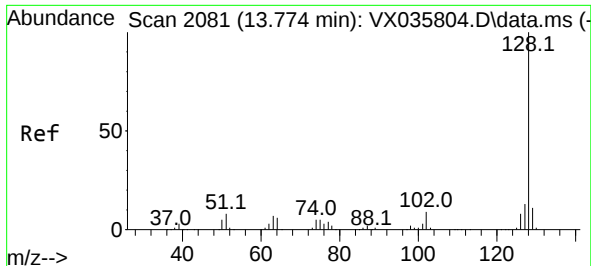
Ion Ratio Lower Upper

225 100

223 62.0 0.0 124.2

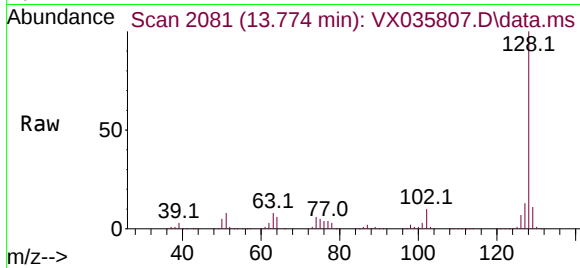
227 62.1 0.0 122.8





#91
Naphthalene
Concen: 124.272 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52

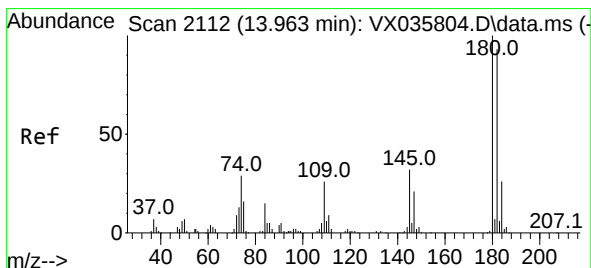
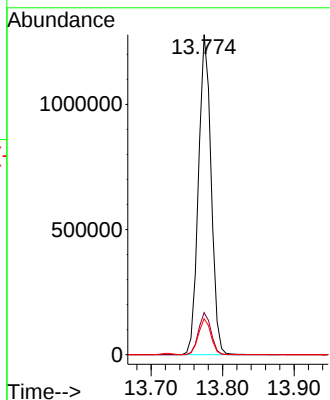
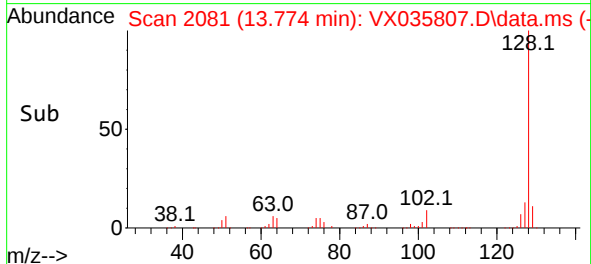
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



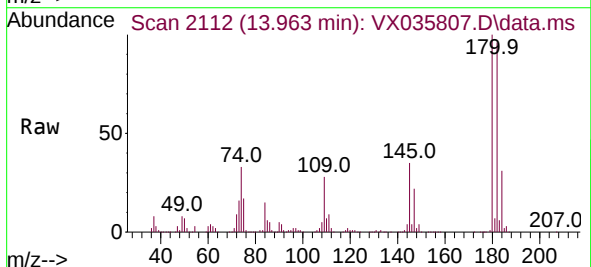
Tgt Ion:128 Resp: 156578
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2023
Supervised By :Mahesh Dadoda 05/25/2023



#92
1,2,3-Trichlorobenzene
Concen: 126.172 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035807.D
Acq: 23 May 2023 10:52



Tgt Ion:180 Resp: 450395
Ion Ratio Lower Upper
180 100
182 95.9 0.0 191.0
145 35.3 0.0 66.8

