

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032857.D
 Acq On : 16 Nov 2022 09:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2022
 Supervised By : Mahesh Dadoda 11/16/2022

Quant Time: Nov 16 14:43:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	92178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67902	53.016	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.040%			
35) Dibromofluoromethane	5.385	113	56580	53.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.060%			
50) Toluene-d8	8.647	98	187541	51.024	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.040%			
62) 4-Bromofluorobenzene	11.079	95	78772	54.865	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45280	42.591	ug/l	98
3) Chloromethane	1.294	50	37872	42.123	ug/l	97
4) Vinyl Chloride	1.374	62	45036	45.514	ug/l	98
5) Bromomethane	1.618	94	35588	45.005	ug/l	97
6) Chloroethane	1.691	64	46609	70.214	ug/l	98
7) Trichlorofluoromethane	1.886	101	91408	48.754	ug/l	97
8) Diethyl Ether	2.130	74	30958	50.953	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	49476	49.997	ug/l	100
10) Methyl Iodide	2.453	142	48049	43.897	ug/l	99
11) Tert butyl alcohol	3.001	59	30632	164.319	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	44728	48.385	ug/l	96
13) Acrolein	2.239	56	38880	208.918	ug/l	98
14) Allyl chloride	2.666	41	71397	48.451	ug/l	98
15) Acrylonitrile	3.068	53	123786	244.673	ug/l	98
16) Acetone	2.392	43	107083	230.035	ug/l	97
17) Carbon Disulfide	2.514	76	85478	38.821	ug/l	99
18) Methyl Acetate	2.703	43	81744	54.000	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	172672	53.145	ug/l	99
20) Methylene Chloride	2.788	84	54552	51.111	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	49516	49.209	ug/l	96
22) Diisopropyl ether	3.757	45	174885	54.868	ug/l #	89
23) Vinyl Acetate	3.721	43	645782	250.774	ug/l	100
24) 1,1-Dichloroethane	3.611	63	97484	53.172	ug/l	98
25) 2-Butanone	4.556	43	167602	232.392	ug/l	98
26) 2,2-Dichloropropane	4.477	77	60929	41.807	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	62287	53.553	ug/l	98
28) Bromochloromethane	4.904	49	32026	49.041	ug/l	97
29) Tetrahydrofuran	5.007	42	109939	239.058	ug/l	99
30) Chloroform	5.093	83	113594	56.465	ug/l	100
31) Cyclohexane	5.470	56	73724	47.474	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	98825	54.742	ug/l	99
36) 1,1-Dichloropropene	5.696	75	72505	49.257	ug/l	99
37) Ethyl Acetate	4.708	43	68167	44.490	ug/l	99
38) Carbon Tetrachloride	5.684	117	84750	51.911	ug/l	98
39) Methylcyclohexane	7.379	83	78958	45.337	ug/l	98
40) Benzene	6.037	78	214556	51.509	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	40070	51.337	ug/l	98
42) 1,2-Dichloroethane	6.086	62	92922	54.572	ug/l	100
43) Isopropyl Acetate	6.342	43	114461	48.654	ug/l	100
44) Trichloroethene	7.129	130	60355	51.471	ug/l	99
45) 1,2-Dichloropropane	7.434	63	57754	54.013	ug/l	99
46) Dibromomethane	7.580	93	42865	52.272	ug/l	99
47) Bromodichloromethane	7.824	83	87676	56.413	ug/l	98
48) Methyl methacrylate	7.696	41	60510	49.803	ug/l	100
49) 1,4-Dioxane	7.708	88	20524	886.387	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	373630	252.146	ug/l	99
52) Toluene	8.720	92	143354	52.749	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	82652	52.122	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	87746	51.735	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	61418	53.663	ug/l	98
56) Ethyl methacrylate	9.116	69	87623	53.201	ug/l	99
57) 1,3-Dichloropropane	9.311	76	99324	53.739	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	204152	257.422	ug/l	99
59) 2-Hexanone	9.433	43	268565	244.259	ug/l	100
60) Dibromochloromethane	9.519	129	69259	55.403	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64261	52.990	ug/l	100
64) Tetrachloroethene	9.275	164	51198	51.178	ug/l	97
65) Chlorobenzene	10.079	112	161731	52.825	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	64341	55.838	ug/l	98
67) Ethyl Benzene	10.195	91	290050	52.978	ug/l	99
68) m/p-Xylenes	10.299	106	226191	106.394	ug/l	100
69) o-Xylene	10.640	106	111497	53.941	ug/l	100
70) Styrene	10.659	104	189657	55.209	ug/l	100
71) Bromoform	10.799	173	49713	54.567	ug/l #	99
73) Isopropylbenzene	10.963	105	304342	51.168	ug/l	100
74) N-amyl acetate	10.841	43	105705	47.035	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	93982	49.226	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82542m	49.429	ug/l	
77) Bromobenzene	11.201	156	74377	51.007	ug/l	99
78) n-propylbenzene	11.305	91	346198	50.519	ug/l	100
79) 2-Chlorotoluene	11.366	91	211052	51.426	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	258589	50.869	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21986	41.895	ug/l	94
82) 4-Chlorotoluene	11.457	91	244202	50.852	ug/l	99
83) tert-Butylbenzene	11.713	119	264127	52.043	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	259188	51.264	ug/l	99
85) sec-Butylbenzene	11.890	105	312574	51.185	ug/l	100
86) p-Isopropyltoluene	12.012	119	265444	51.226	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	141079	51.290	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	143372	50.243	ug/l	99
89) n-Butylbenzene	12.335	91	221492	49.133	ug/l	99
90) Hexachloroethane	12.542	117	42276	49.949	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	141228	52.071	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18418	43.999	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	85073	48.106	ug/l	98
94) Hexachlorobutadiene	13.725	225	34942	47.310	ug/l	100
95) Naphthalene	13.774	128	279498	47.432	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	86629	48.190	ug/l	99

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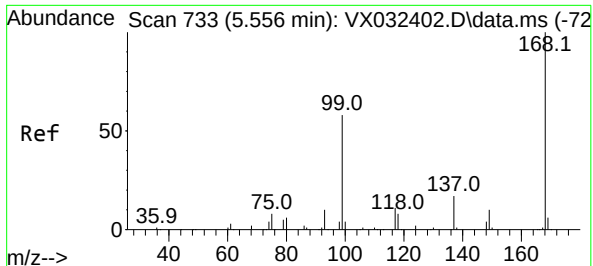
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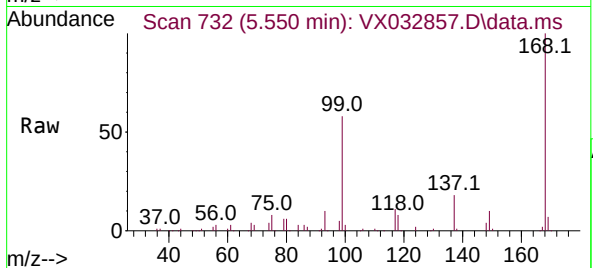
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
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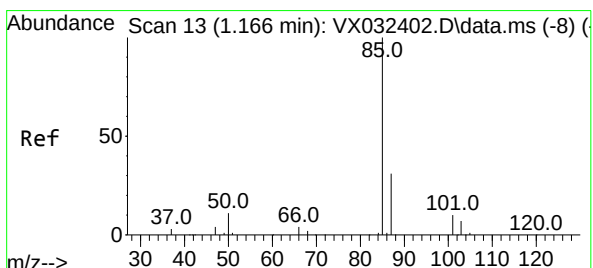
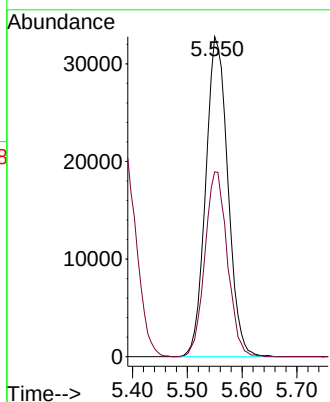
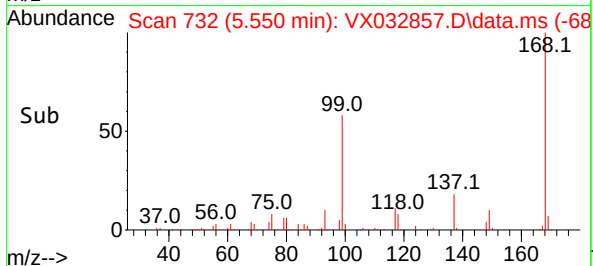
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 92178
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1

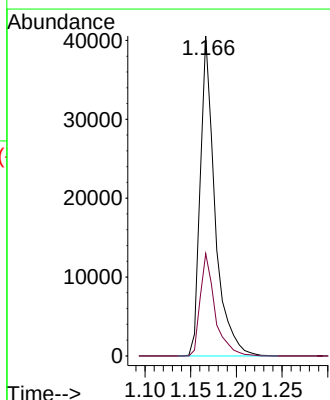
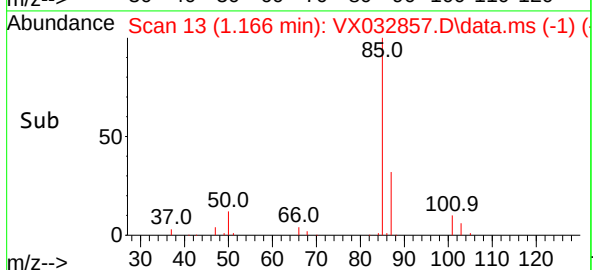
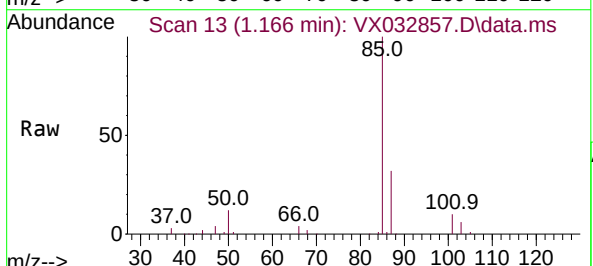
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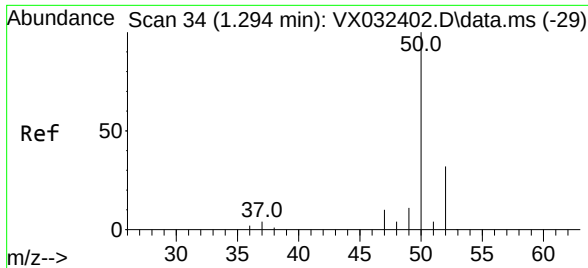
Reviewed By :John Carlone 11/16/2022
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#2
Dichlorodifluoromethane
Concen: 42.591 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion: 85 Resp: 45280
Ion Ratio Lower Upper
85 100
87 32.0 15.6 46.7





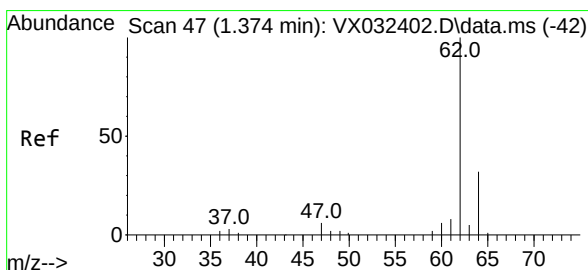
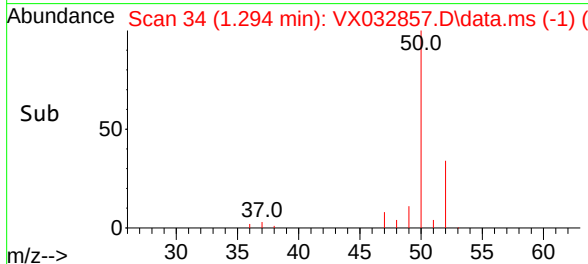
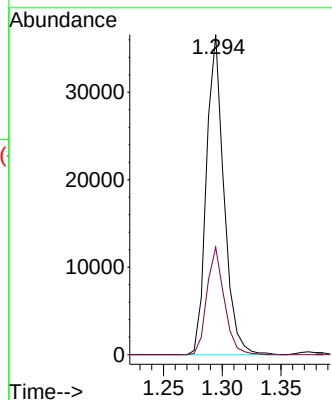
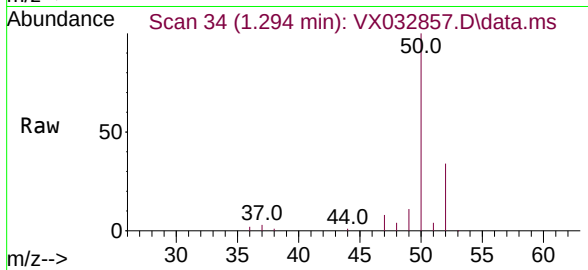
#3
Chloromethane
Concen: 42.123 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
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Tgt Ion: 50 Resp: 37872
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2

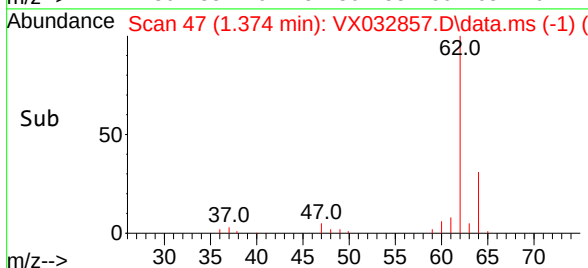
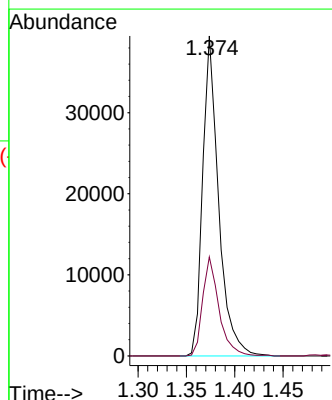
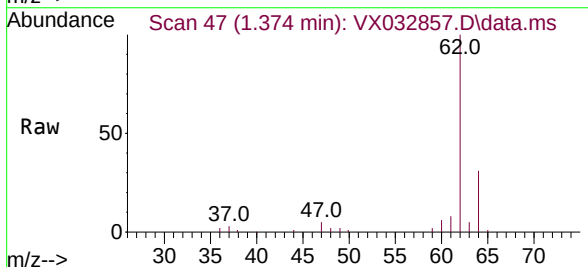
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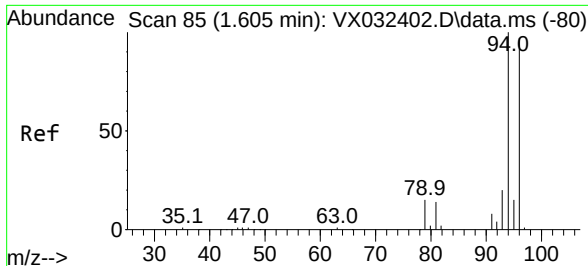
Reviewed By :John Carlone 11/16/2022
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#4
Vinyl Chloride
Concen: 45.514 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

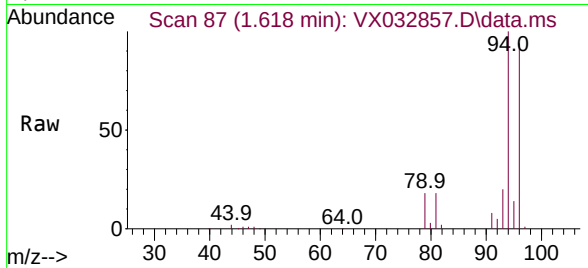
Tgt Ion: 62 Resp: 45036
Ion Ratio Lower Upper
62 100
64 30.9 25.8 38.6





#5
Bromomethane
Concen: 45.005 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

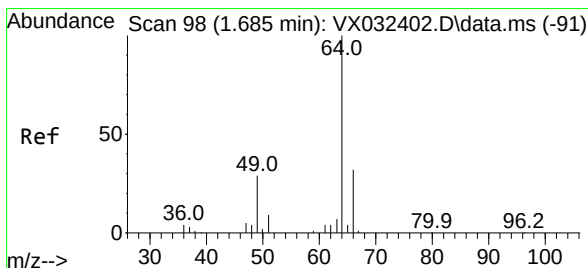
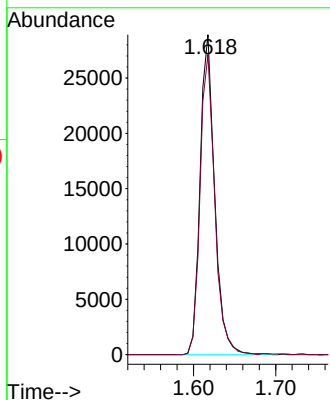
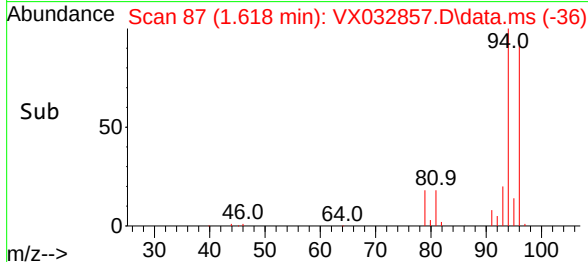
Instrument :
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Tgt Ion: 94 Resp: 35588
Ion Ratio Lower Upper
94 100
96 93.8 77.6 116.4

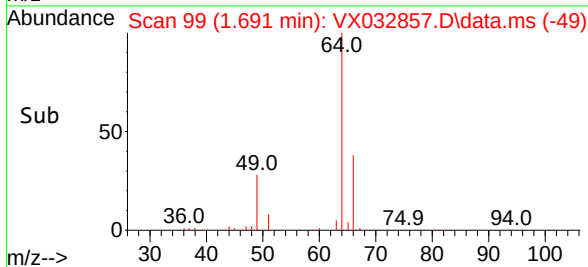
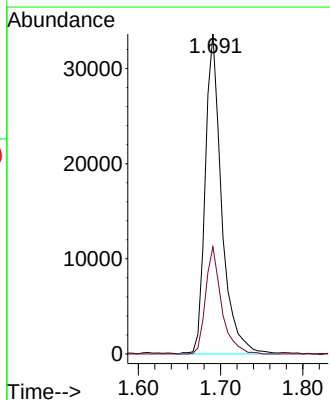
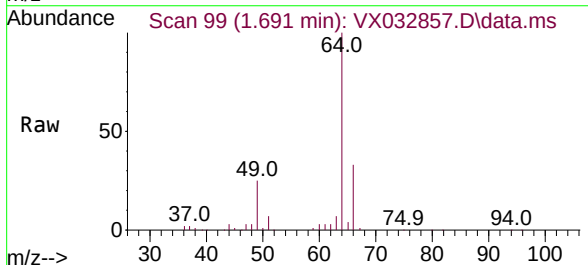
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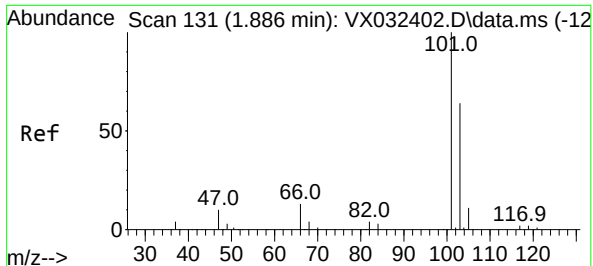
Reviewed By :John Carlone 11/16/2022
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#6
Chloroethane
Concen: 70.214 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032857.D
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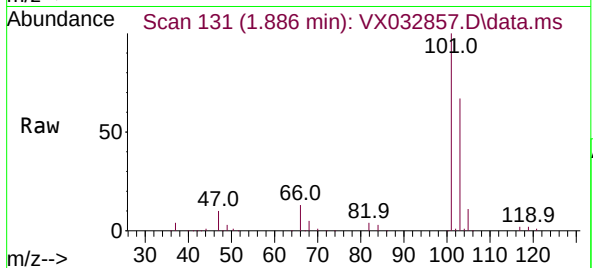
Tgt Ion: 64 Resp: 46609
Ion Ratio Lower Upper
64 100
66 33.4 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 48.754 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX032857.D
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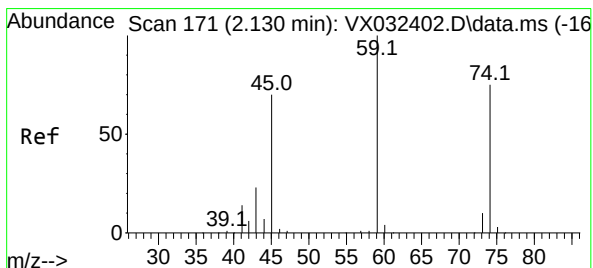
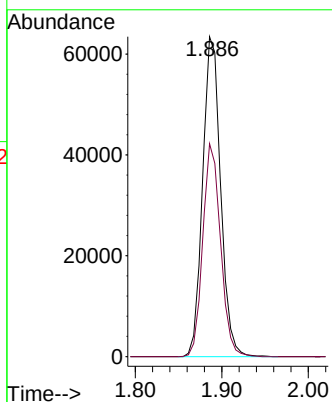
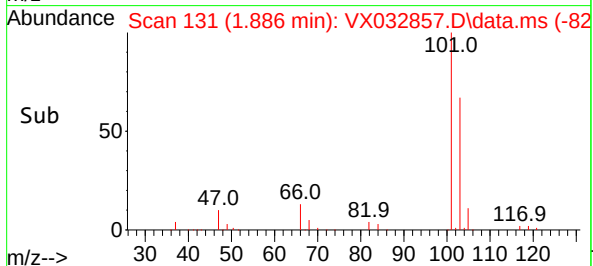
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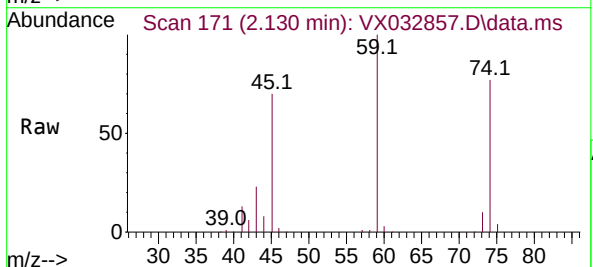
Tgt Ion:101 Resp: 91408
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.4 77.2

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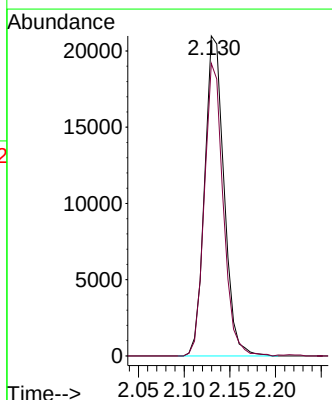
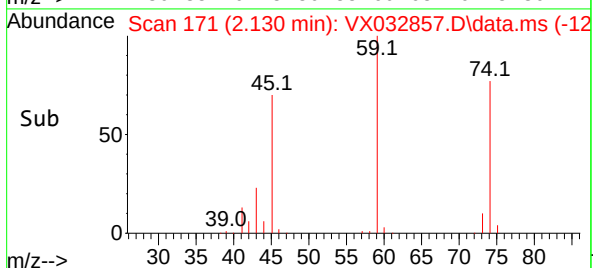
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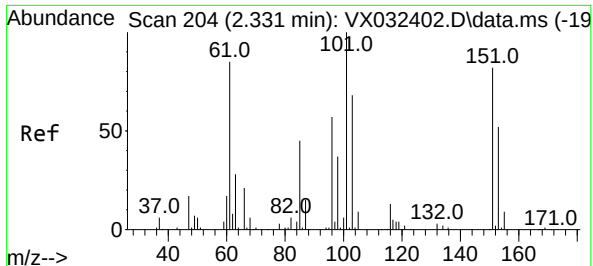


#8
 Diethyl Ether
 Concen: 50.953 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
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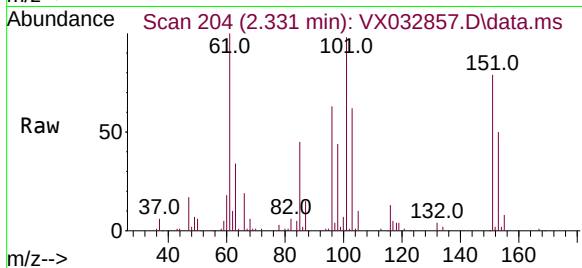
Tgt Ion: 74 Resp: 30958
 Ion Ratio Lower Upper
 74 100
 45 89.1 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.997 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032857.D
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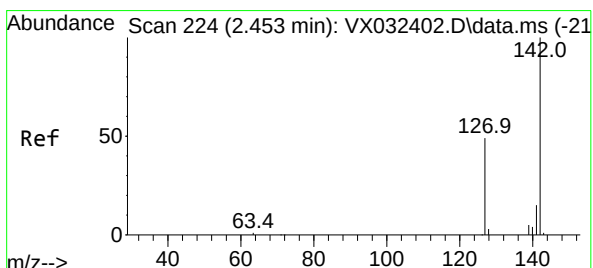
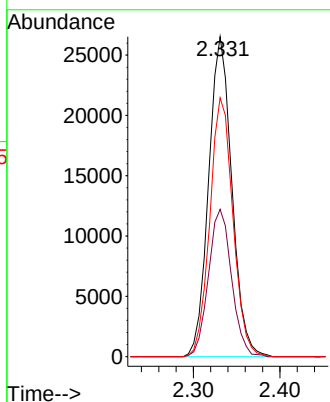
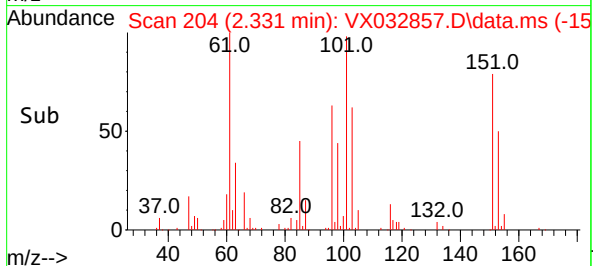
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Tgt Ion:101 Resp: 49476
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.4
151 80.6 64.4 96.6

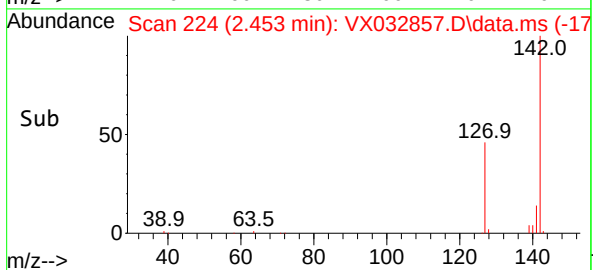
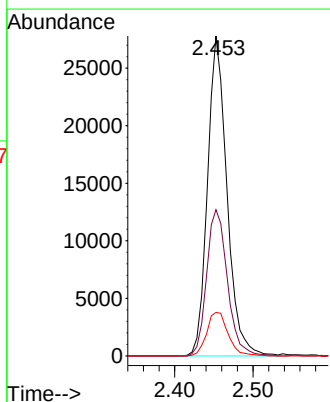
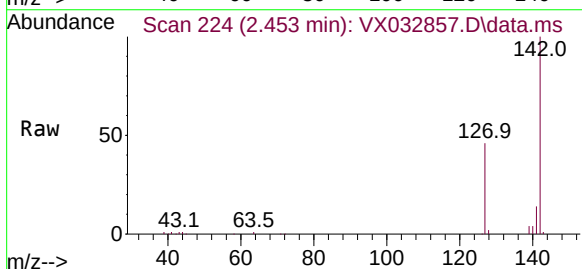
Manual Integrations
APPROVED

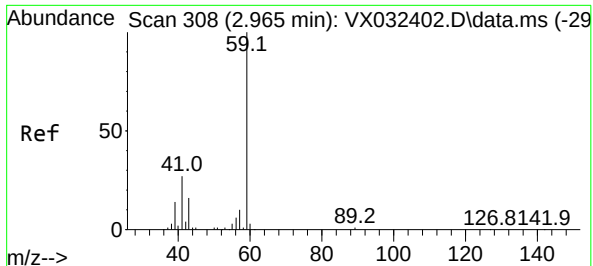
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#10
Methyl Iodide
Concen: 43.897 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion:142 Resp: 48049
Ion Ratio Lower Upper
142 100
127 48.6 38.6 57.8
141 15.0 11.4 17.2





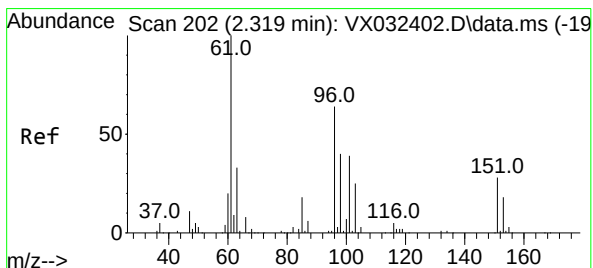
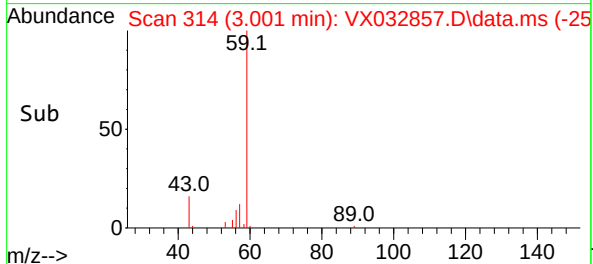
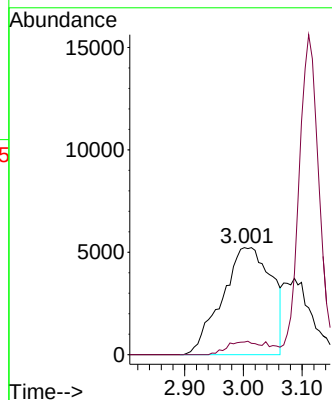
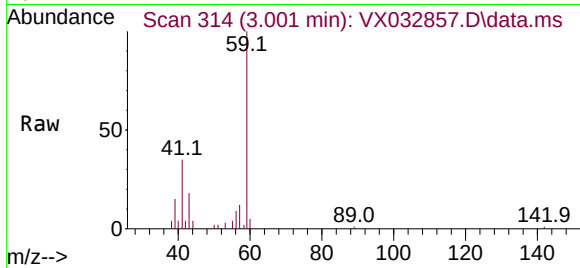
#11
Tert butyl alcohol
Concen: 164.319 ug/l
RT: 3.001 min Scan# 314
Delta R.T. 0.037 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 30632
Ion Ratio Lower Upper
59 100
57 7.7 8.2 12.4

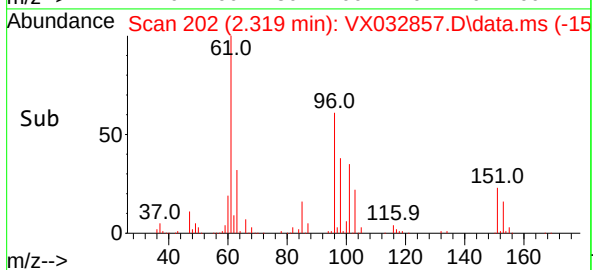
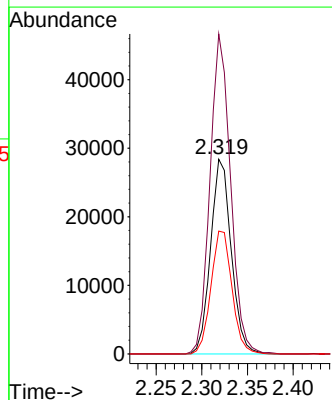
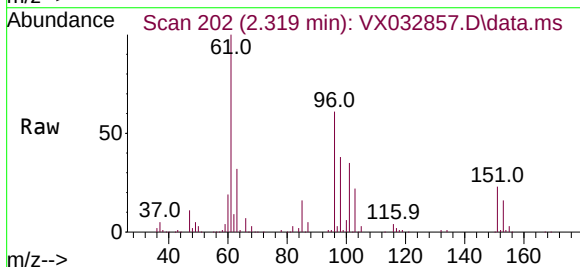
Manual Integrations
APPROVED

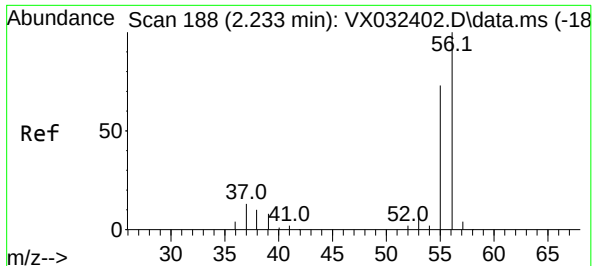
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#12
1,1-Dichloroethene
Concen: 48.385 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

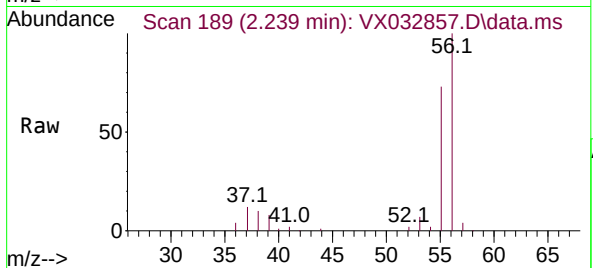
Tgt Ion: 96 Resp: 44728
Ion Ratio Lower Upper
96 100
61 164.4 125.1 187.7
98 63.1 50.6 76.0





#13
Acrolein
Concen: 208.918 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

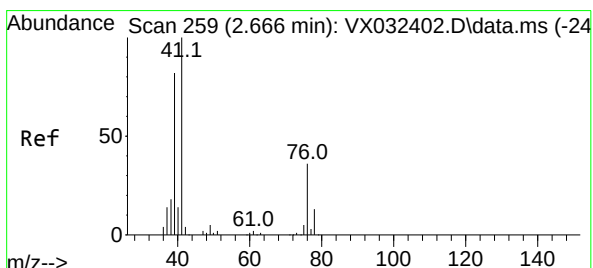
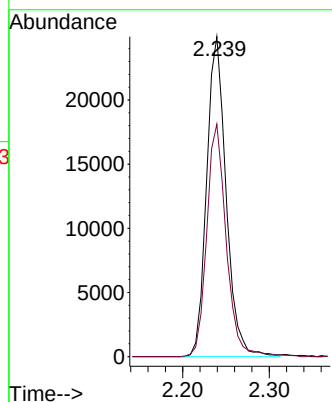
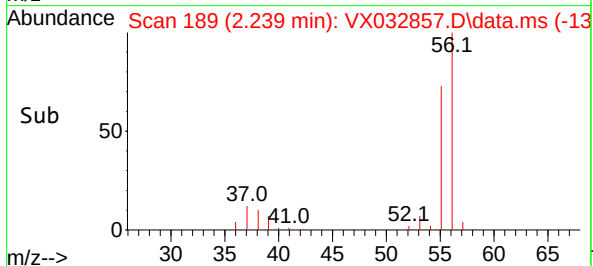
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



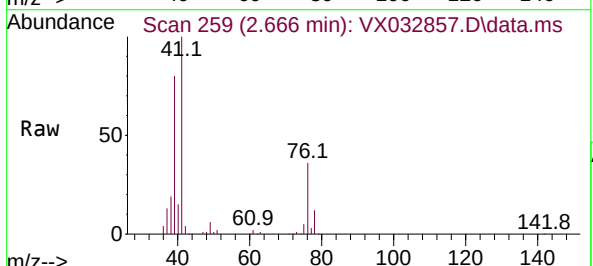
Tgt Ion: 56 Resp: 38880
Ion Ratio Lower Upper
56 100
55 73.0 56.9 85.3

Manual Integrations
APPROVED

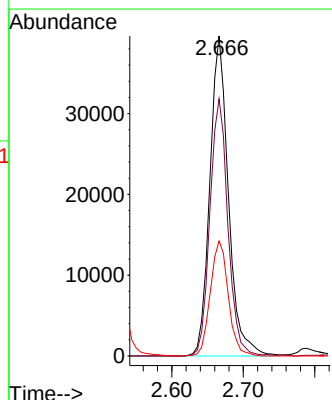
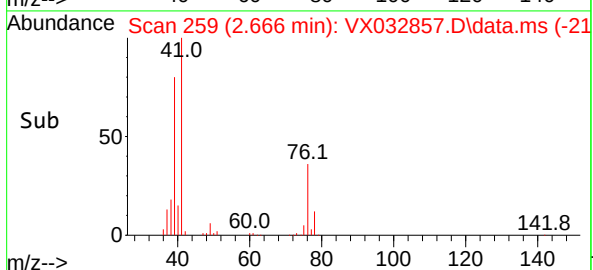
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

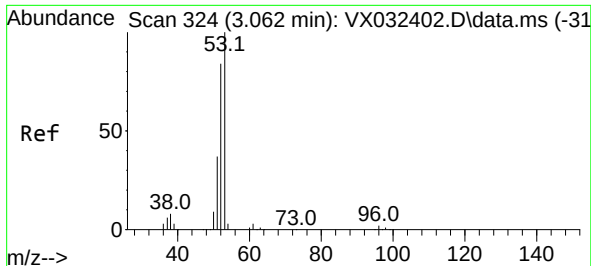


#14
Allyl chloride
Concen: 48.451 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39



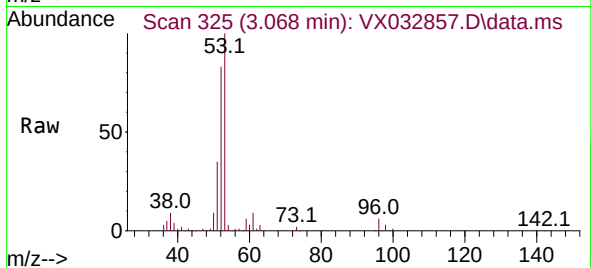
Tgt Ion: 41 Resp: 71397
Ion Ratio Lower Upper
41 100
39 77.8 61.4 92.2
76 34.7 29.2 43.8





#15
Acrylonitrile
Concen: 244.673 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

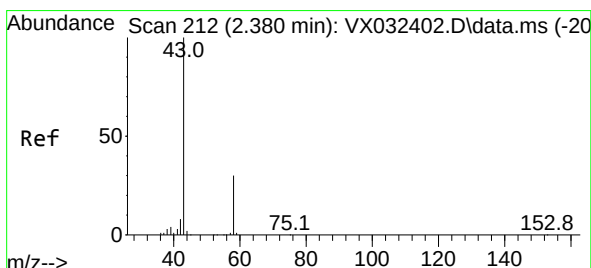
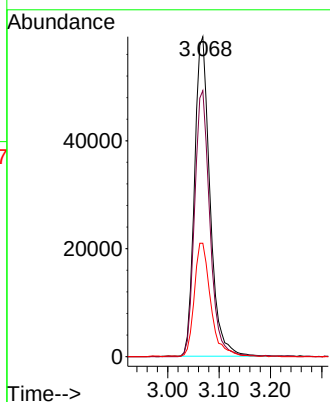
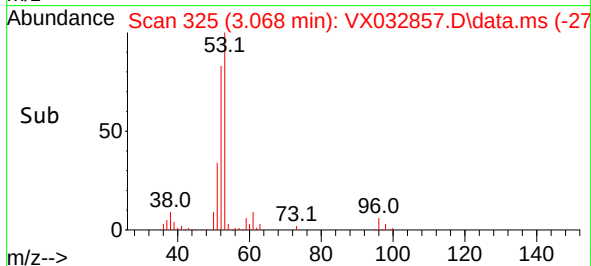
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 123786
Ion Ratio Lower Upper
53 100
52 82.4 67.4 101.0
51 37.3 30.3 45.5

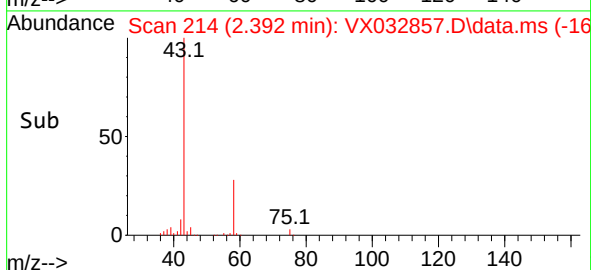
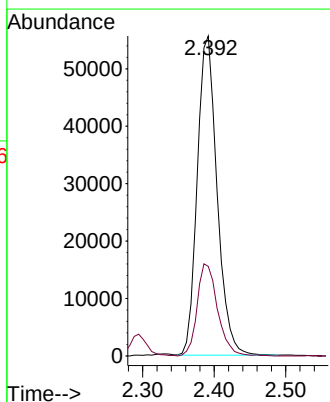
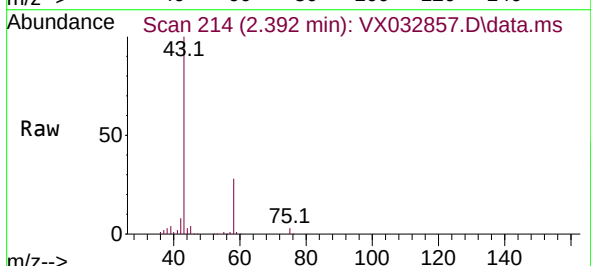
Manual Integrations
APPROVED

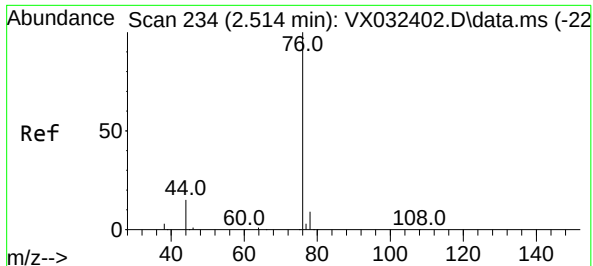
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#16
Acetone
Concen: 230.035 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion: 43 Resp: 107083
Ion Ratio Lower Upper
43 100
58 28.0 23.8 35.8





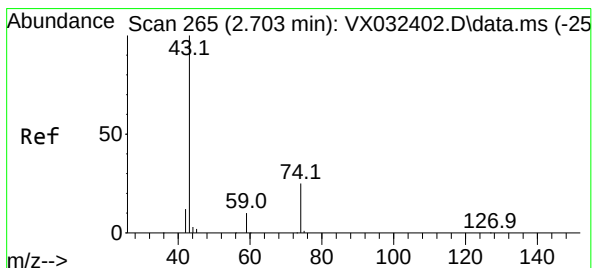
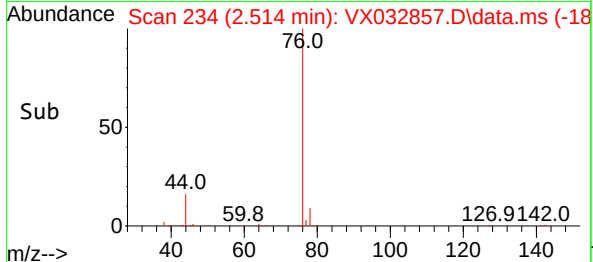
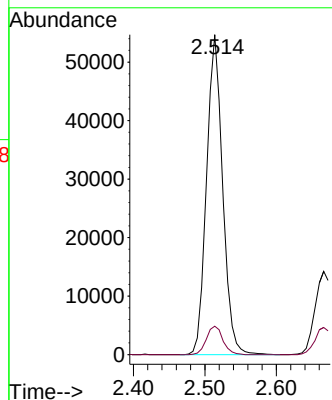
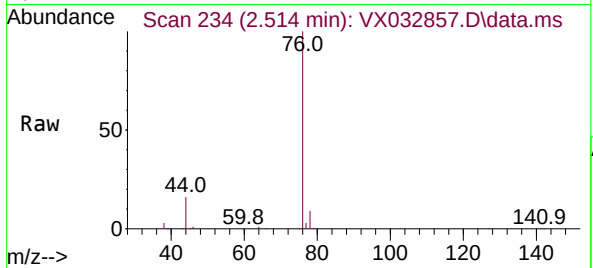
#17
Carbon Disulfide
Concen: 38.821 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 85478
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

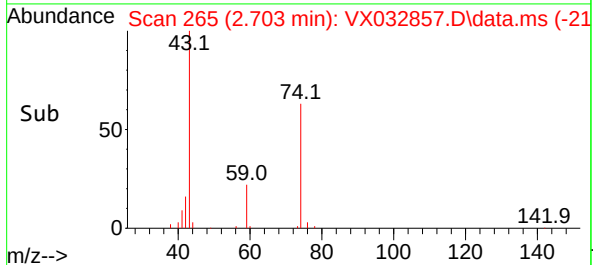
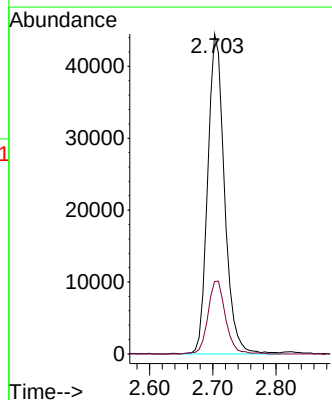
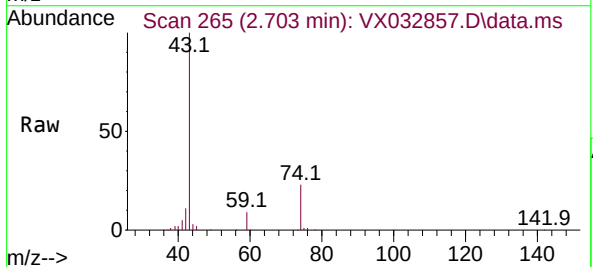
Manual Integrations
APPROVED

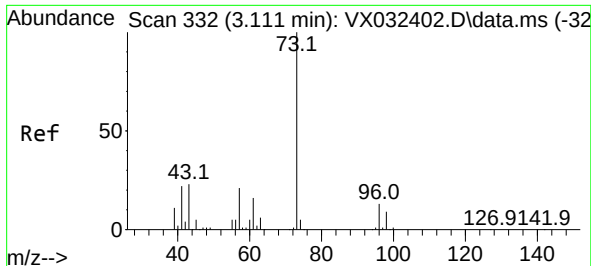
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#18
Methyl Acetate
Concen: 54.000 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion: 43 Resp: 81744
Ion Ratio Lower Upper
43 100
74 23.9 19.4 29.0





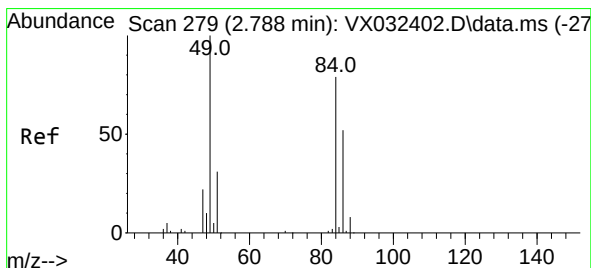
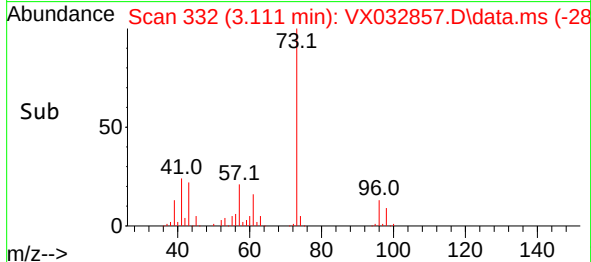
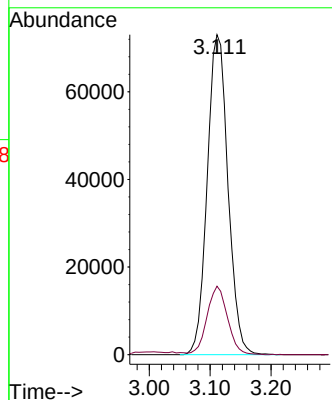
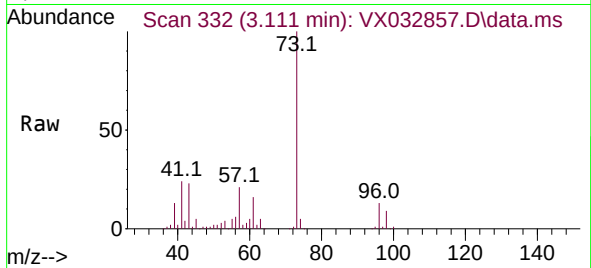
#19
Methyl tert-butyl Ether
Concen: 53.145 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 172672
Ion Ratio Lower Upper
73 100
57 21.3 16.6 25.0

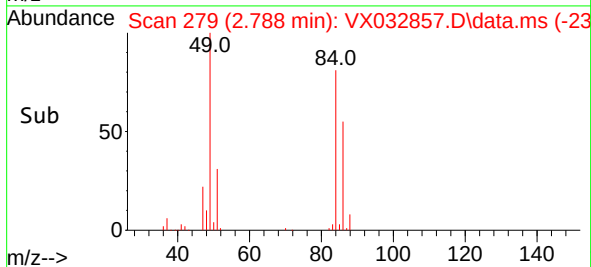
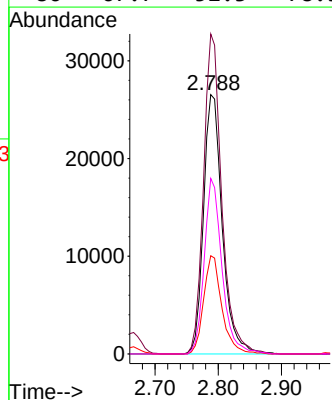
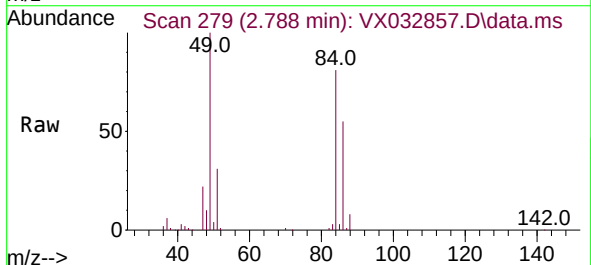
Manual Integrations
APPROVED

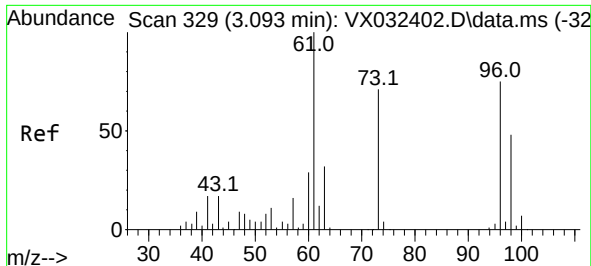
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#20
Methylene Chloride
Concen: 51.111 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

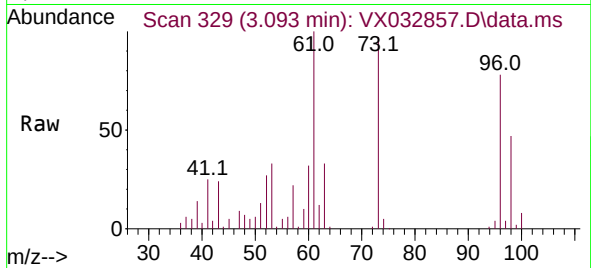
Tgt Ion: 84 Resp: 54552
Ion Ratio Lower Upper
84 100
49 123.4 101.0 151.6
51 37.9 31.1 46.7
86 67.7 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.209 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

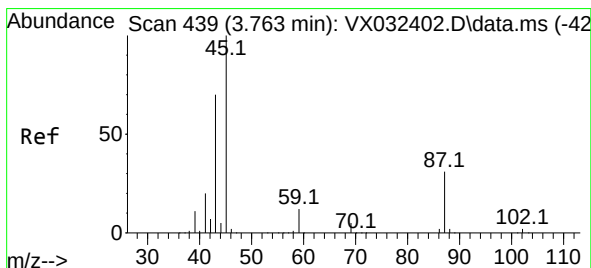
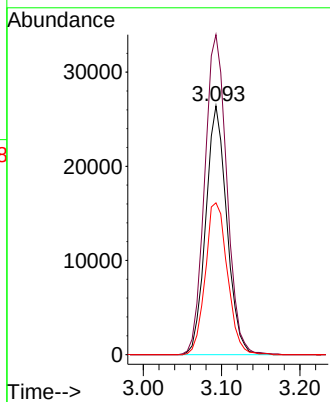
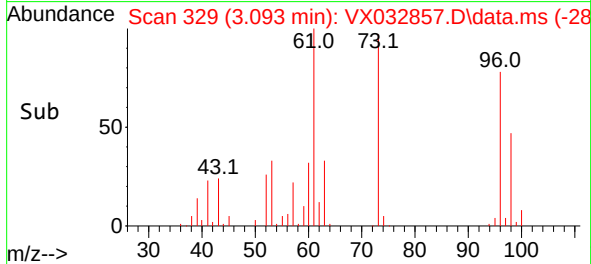
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



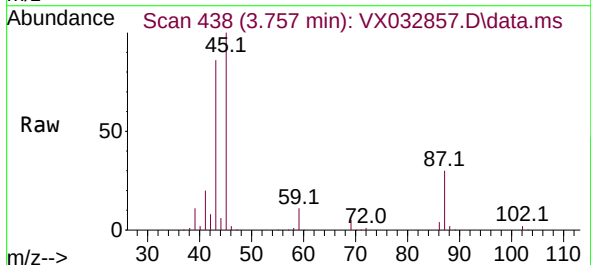
Tgt Ion: 96 Resp: 49516
Ion Ratio Lower Upper
96 100
61 128.6 106.6 160.0
98 61.0 51.0 76.6

Manual Integrations
APPROVED

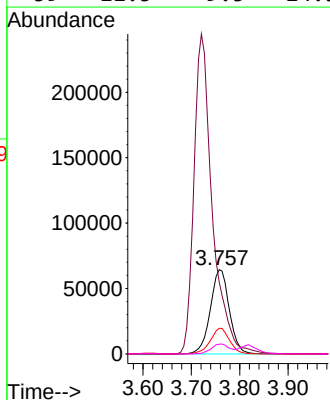
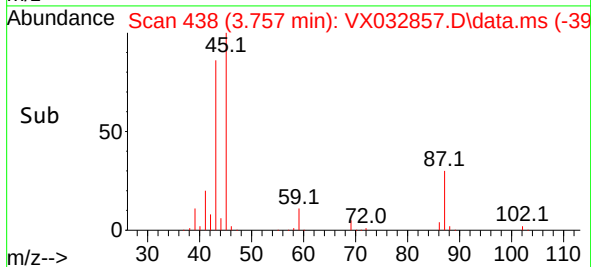
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

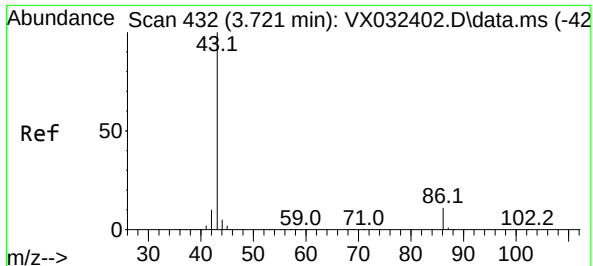


#22
Diisopropyl ether
Concen: 54.868 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39



Tgt Ion: 45 Resp: 174885
Ion Ratio Lower Upper
45 100
43 85.3 56.4 84.6#
87 30.4 24.4 36.6
59 11.5 9.5 14.3





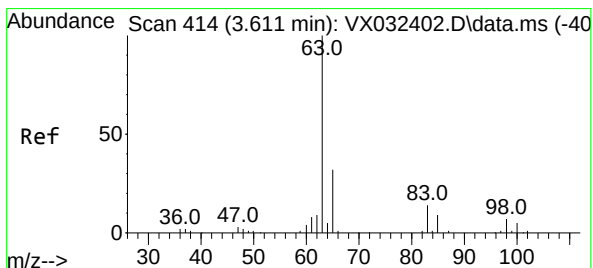
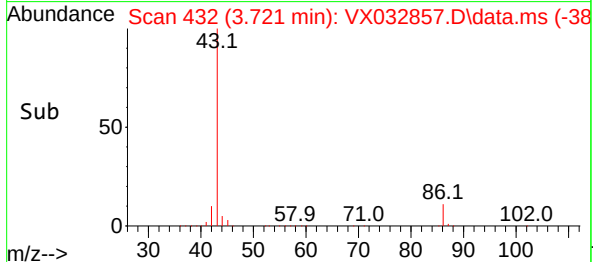
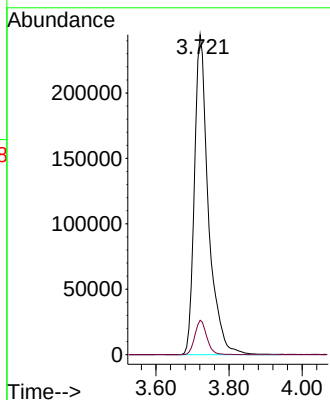
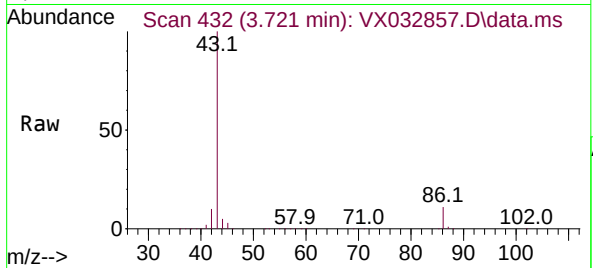
#23
 Vinyl Acetate
 Concen: 250.774 ug/l
 RT: 3.721 min Scan# 432
 Delta R.T. 0.000 min
 Lab File: VX032857.D
 Acq: 16 Nov 2022 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 645782
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8

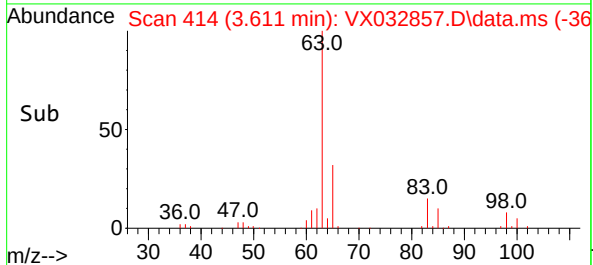
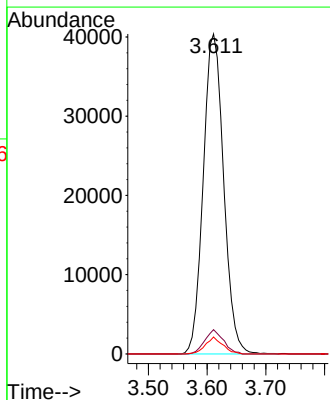
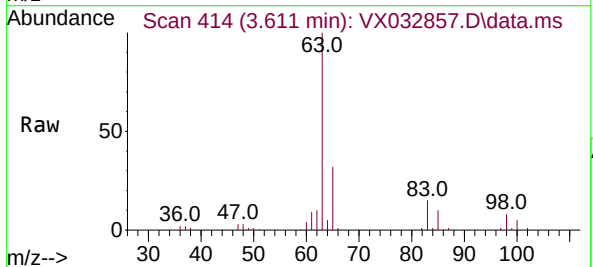
Manual Integrations
 APPROVED

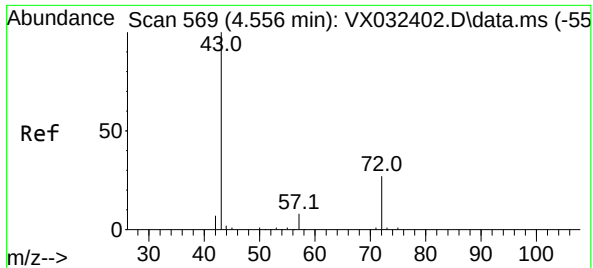
Reviewed By :John Carlone 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022



#24
 1,1-Dichloroethane
 Concen: 53.172 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX032857.D
 Acq: 16 Nov 2022 09:39

Tgt Ion: 63 Resp: 97484
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 5.3 2.3 6.8





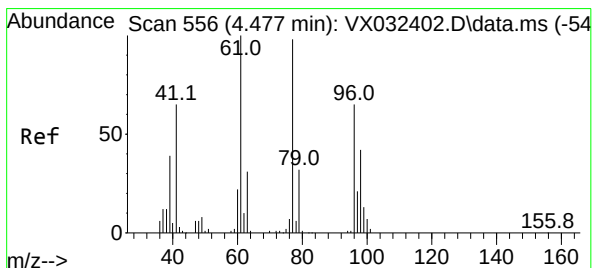
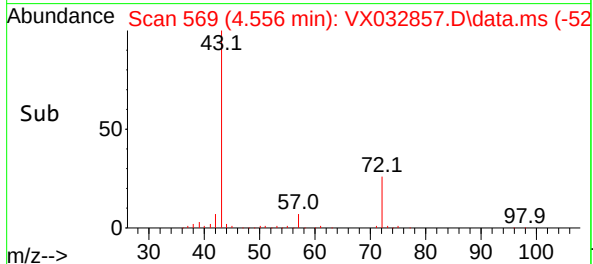
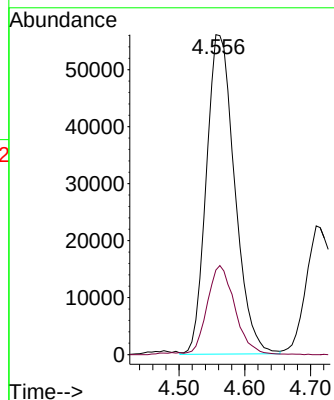
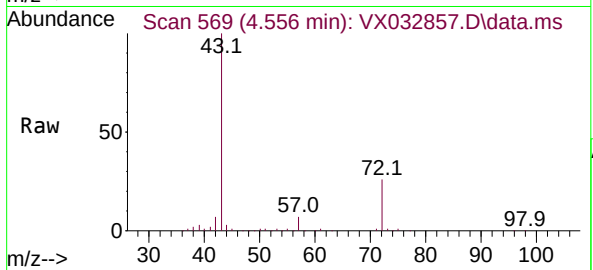
#25
2-Butanone
Concen: 232.392 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 167602
Ion Ratio Lower Upper
43 100
72 26.4 22.2 33.2

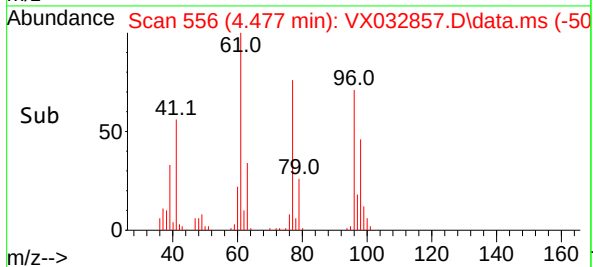
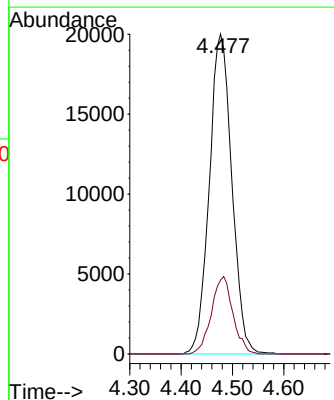
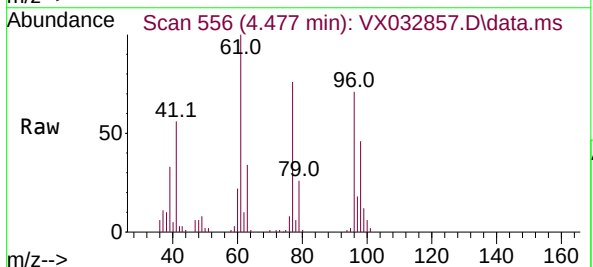
Manual Integrations
APPROVED

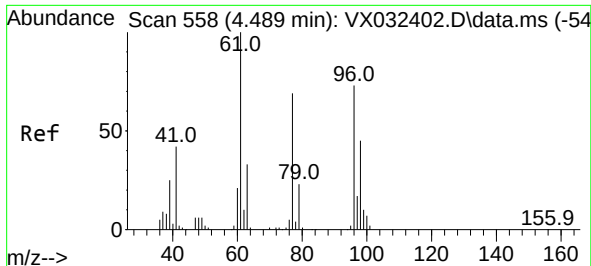
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#26
2,2-Dichloropropane
Concen: 41.807 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

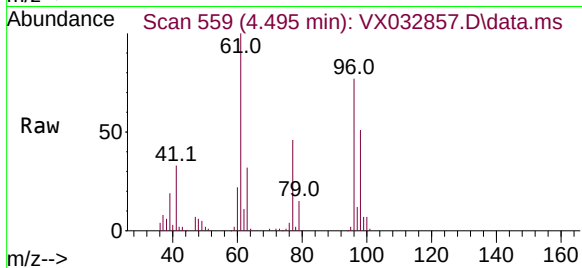
Tgt Ion: 77 Resp: 60929
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 53.553 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX032857.D
 Acq: 16 Nov 2022 09:39

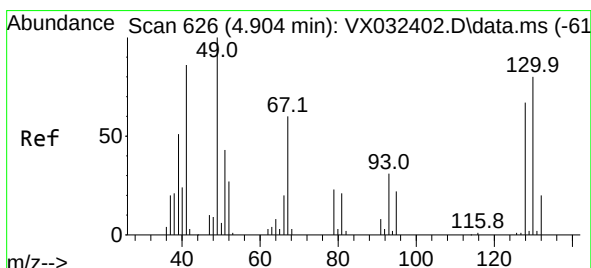
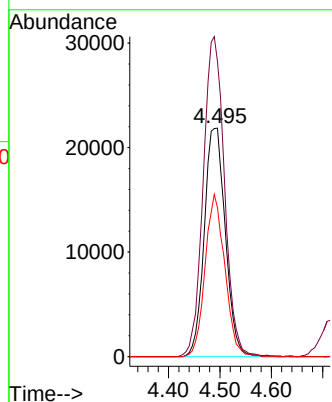
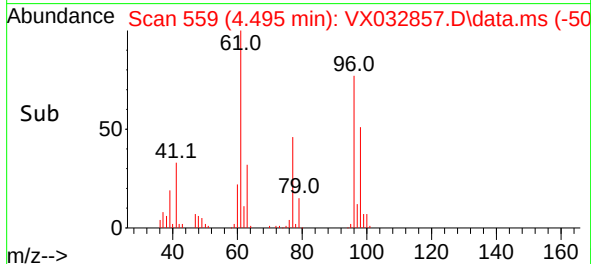
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 6228
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 286.0
 98 66.4 0.0 129.6

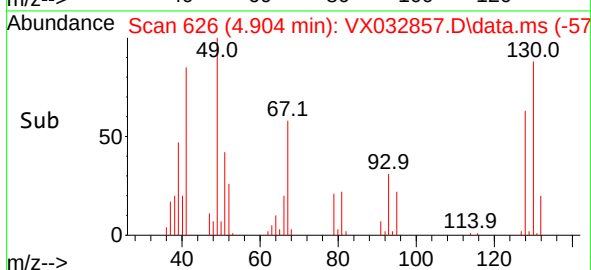
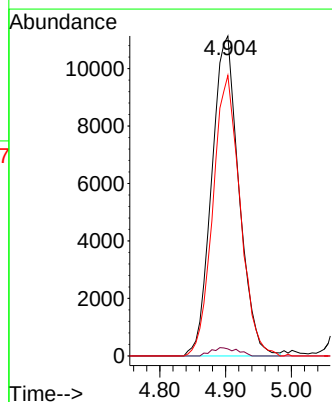
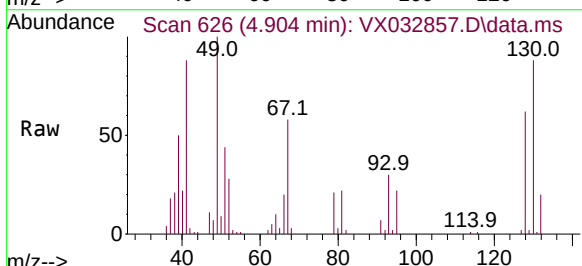
Manual Integrations
 APPROVED

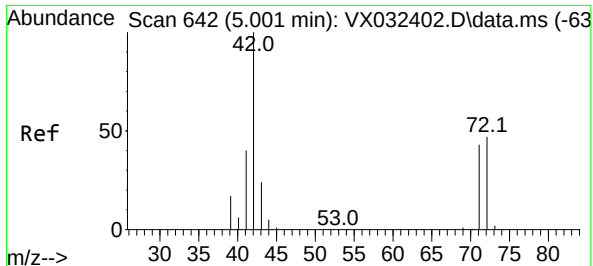
Reviewed By :John Carlone 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022



#28
 Bromochloromethane
 Concen: 49.041 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. -0.000 min
 Lab File: VX032857.D
 Acq: 16 Nov 2022 09:39

Tgt Ion: 49 Resp: 32026
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 3.8
 130 87.3 67.5 101.3





#29

Tetrahydrofuran

Concen: 239.058 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 109939

Ion Ratio Lower Upper

42 100

72 47.0 37.6 56.4

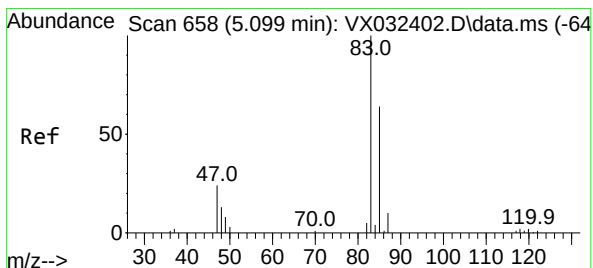
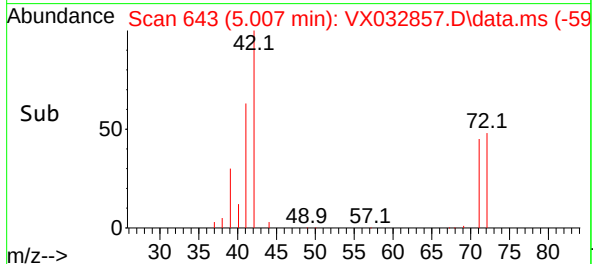
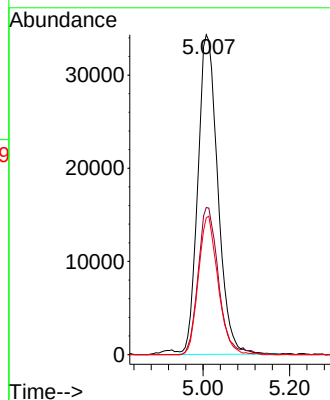
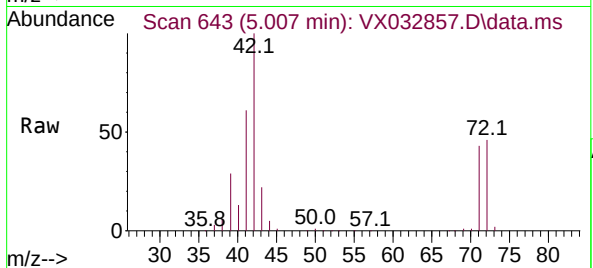
71 42.6 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#30

Chloroform

Concen: 56.465 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032857.D

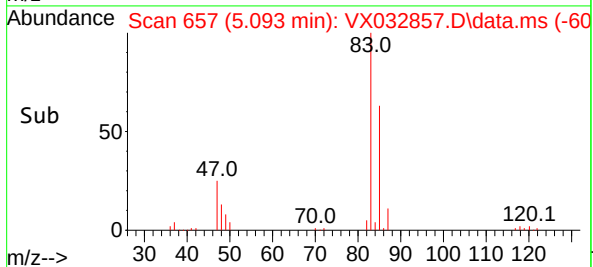
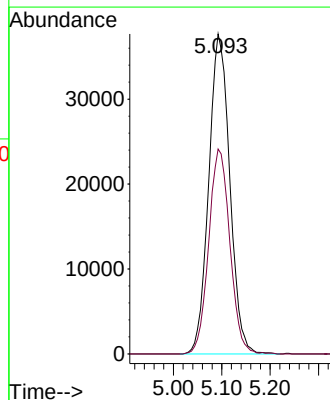
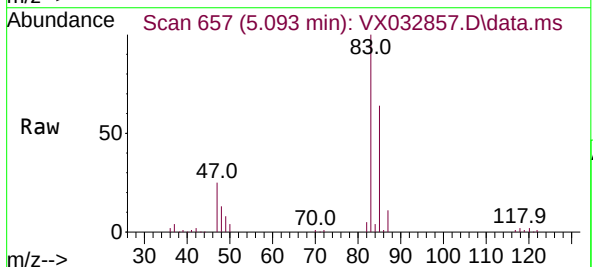
Acq: 16 Nov 2022 09:39

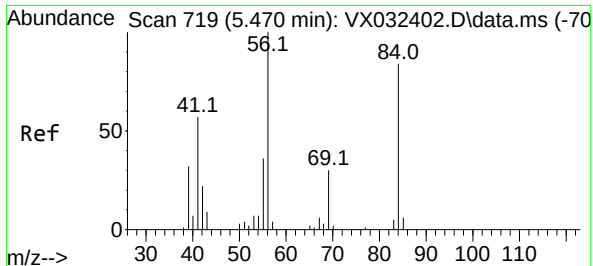
Tgt Ion: 83 Resp: 113594

Ion Ratio Lower Upper

83 100

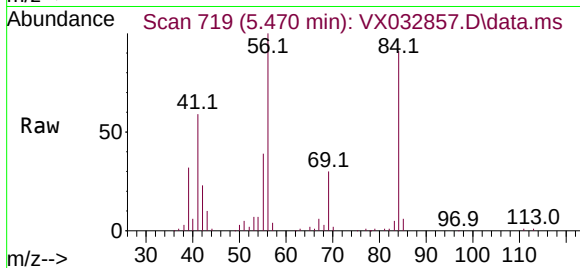
85 64.0 51.1 76.7





#31
Cyclohexane
Concen: 47.474 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

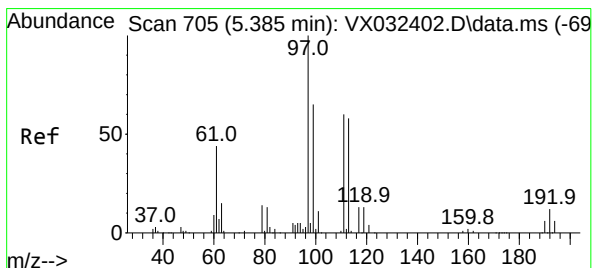
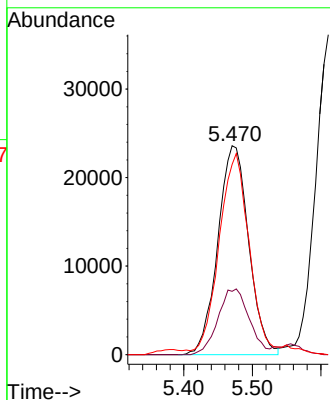
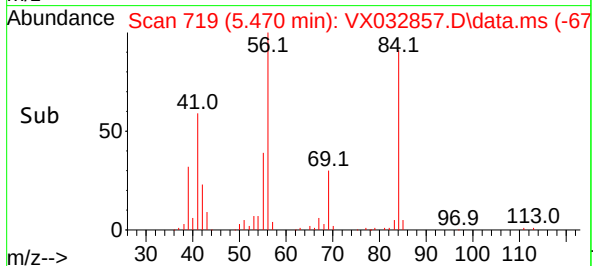
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



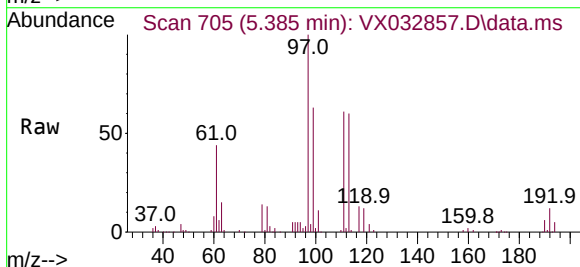
Tgt Ion: 56 Resp: 73724
Ion Ratio Lower Upper
56 100
69 30.3 24.1 36.1
84 88.9 66.9 100.3

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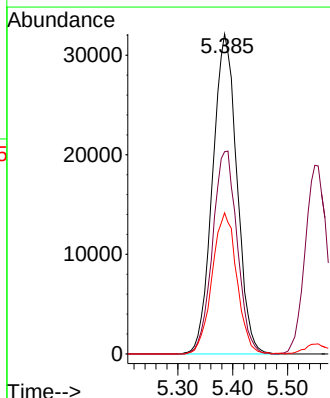
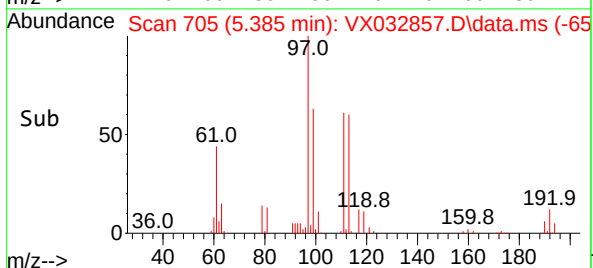
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

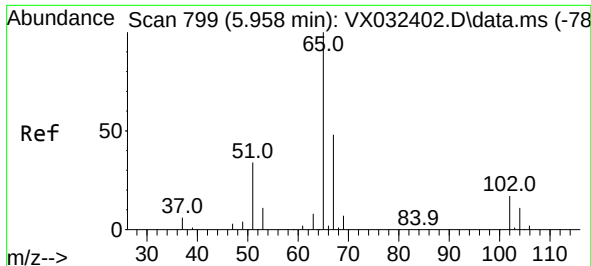


#32
1,1,1-Trichloroethane
Concen: 54.742 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39



Tgt Ion: 97 Resp: 98825
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 44.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 53.016 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 67902

Ion Ratio Lower Upper

65 100

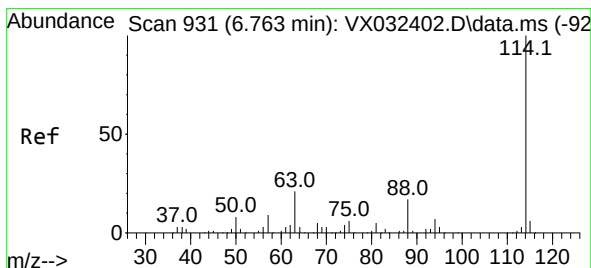
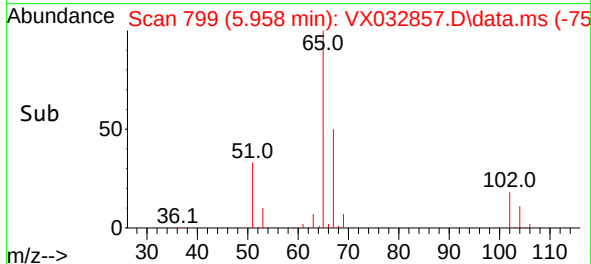
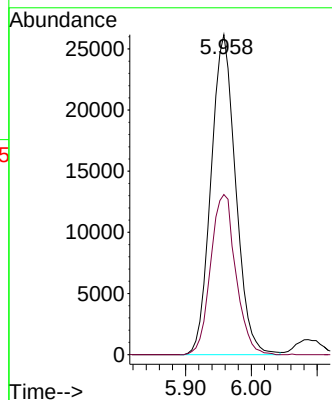
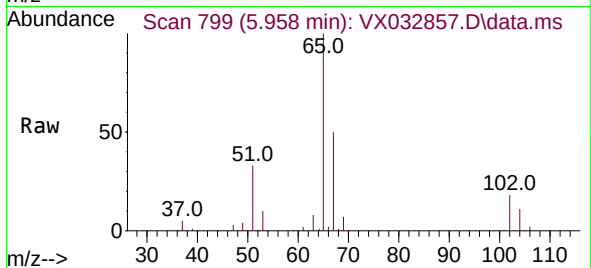
67 51.0 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

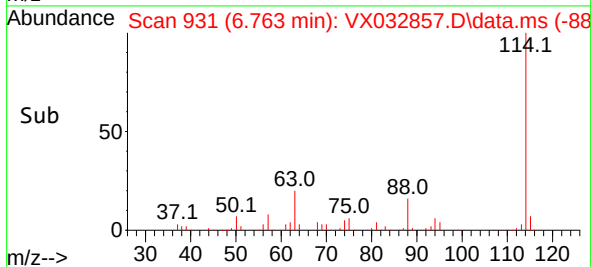
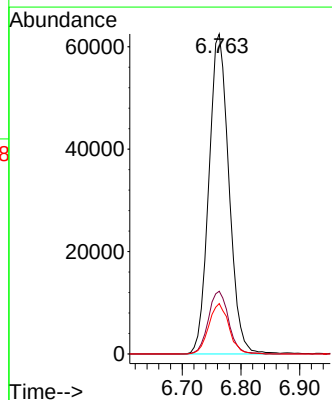
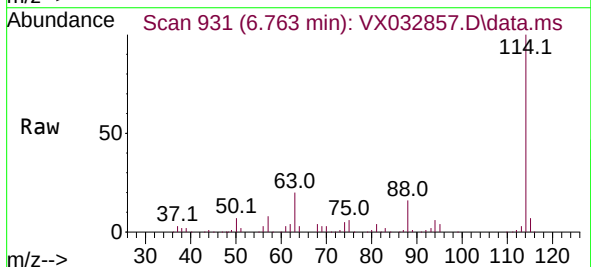
Tgt Ion:114 Resp: 148187

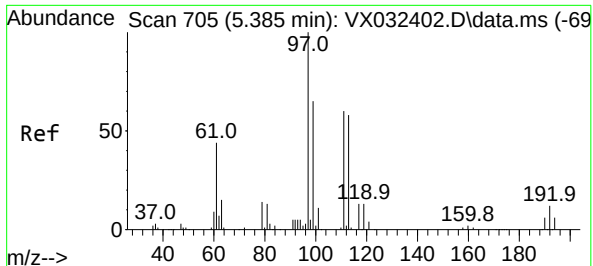
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.527 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 56586

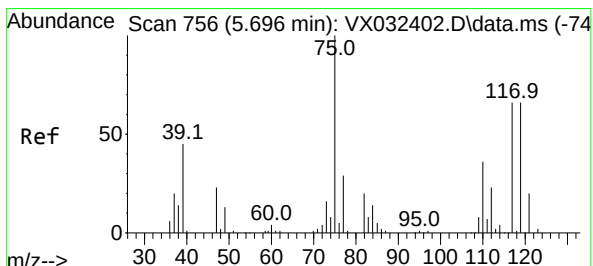
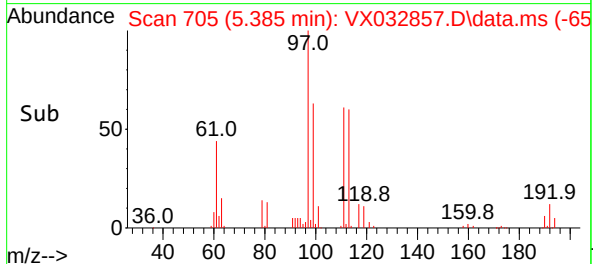
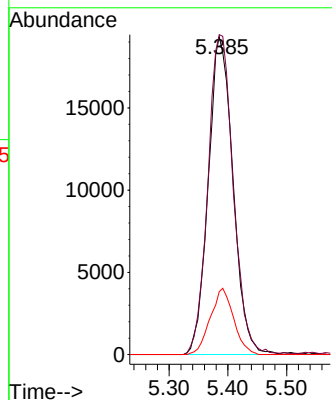
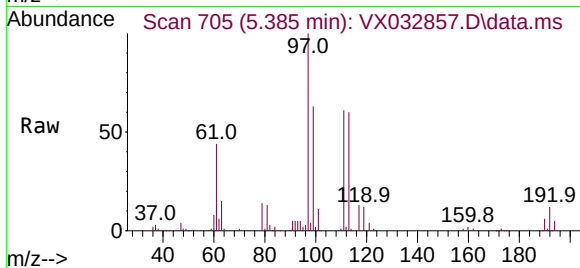
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	19.7	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#36

1,1-Dichloropropene

Concen: 49.257 ug/l

RT: 5.696 min Scan# 756

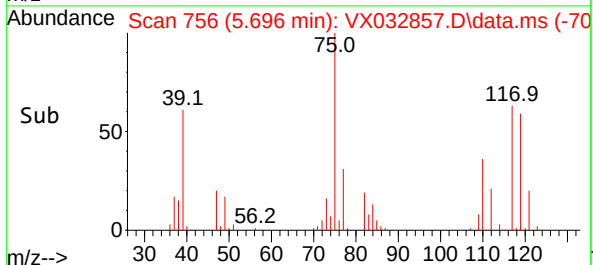
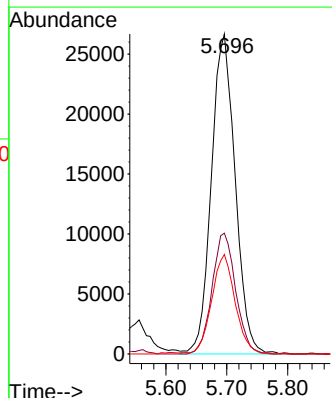
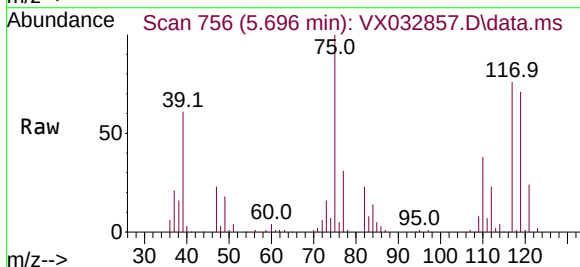
Delta R.T. 0.000 min

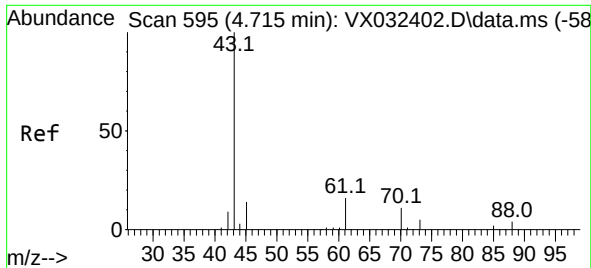
Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Tgt Ion: 75 Resp: 72505

Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.4	55.2
77	30.6	24.5	36.7





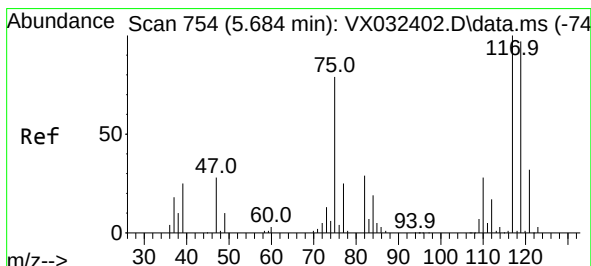
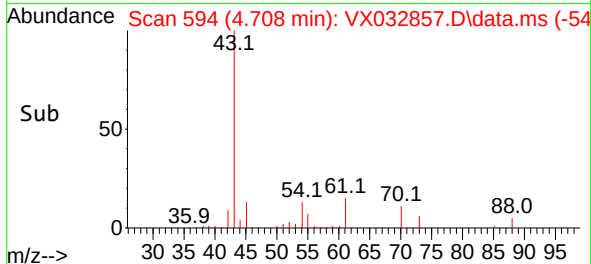
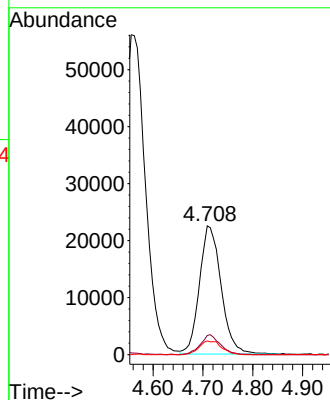
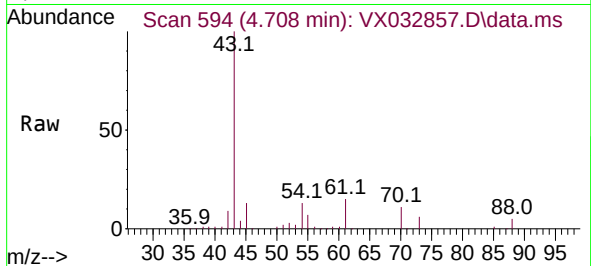
#37
Ethyl Acetate
Concen: 44.490 ug/l
RT: 4.708 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 68162
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 10.8 9.1 13.7

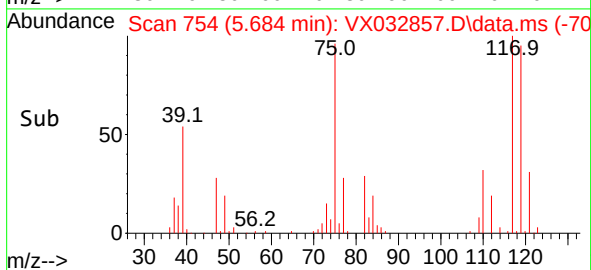
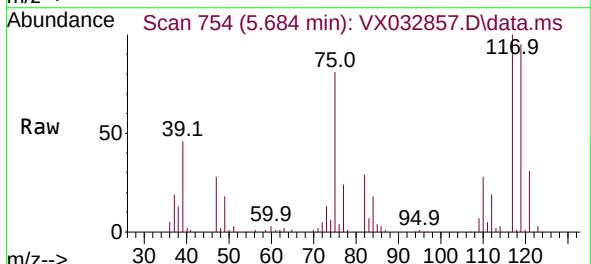
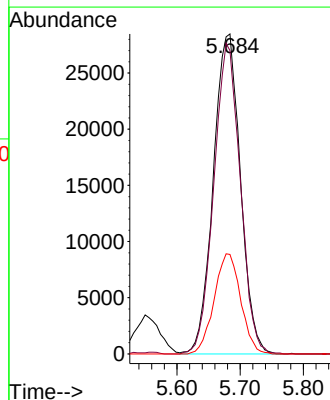
Manual Integrations
APPROVED

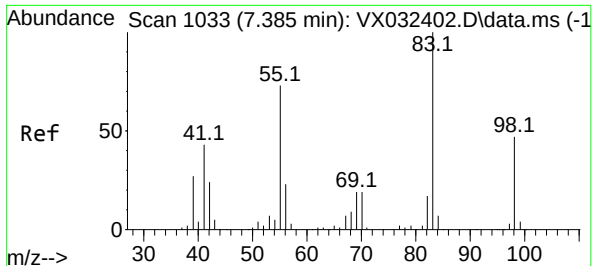
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#38
Carbon Tetrachloride
Concen: 51.911 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion:117 Resp: 84750
Ion Ratio Lower Upper
117 100
119 94.8 77.2 115.8
121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 45.337 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 78958

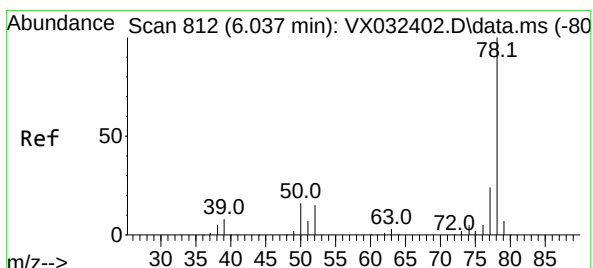
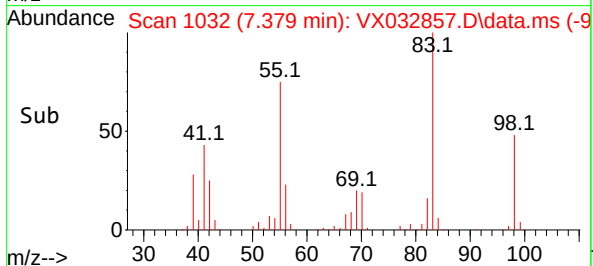
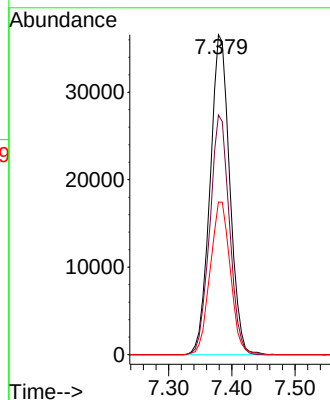
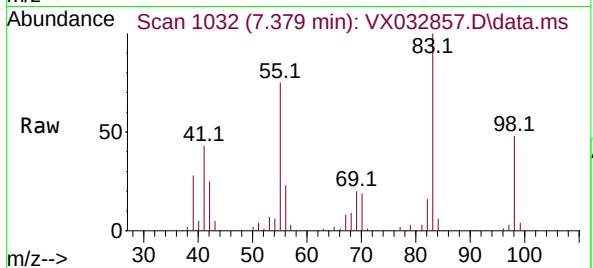
Ion	Ratio	Lower	Upper
83	100		
55	74.9	58.4	87.6
98	47.7	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#40

Benzene

Concen: 51.509 ug/l

RT: 6.037 min Scan# 812

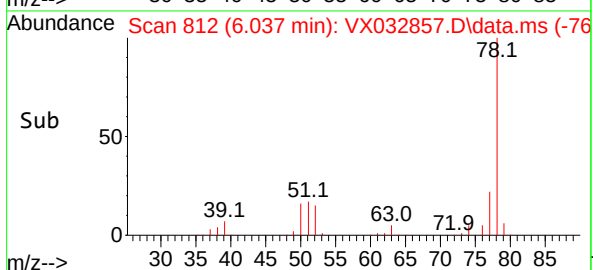
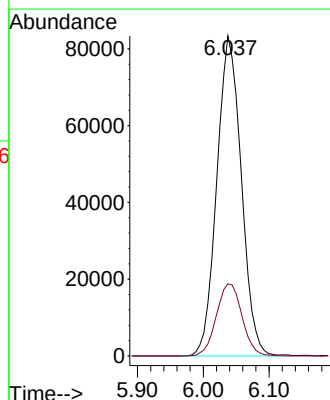
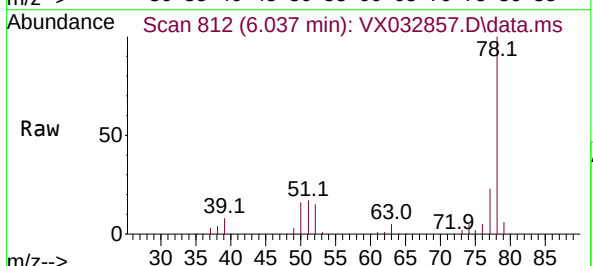
Delta R.T. 0.000 min

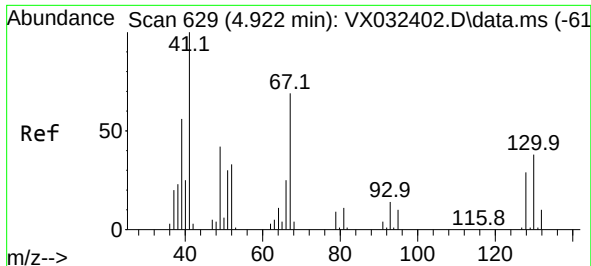
Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Tgt Ion: 78 Resp: 214556

Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.0	28.4





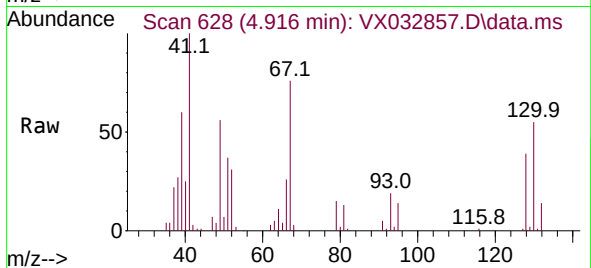
#41
Methacrylonitrile
Concen: 51.337 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



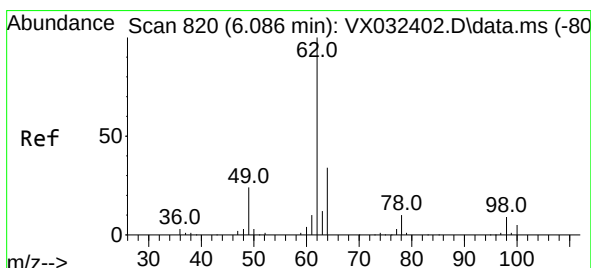
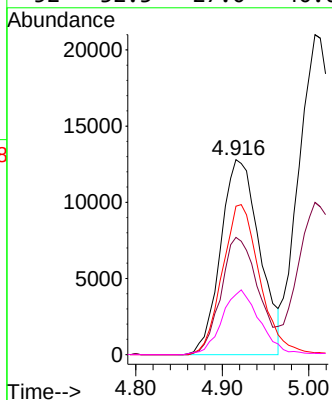
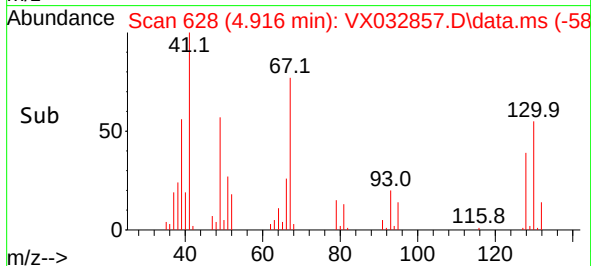
Tgt Ion: 41 Resp: 40070
Ion Ratio Lower Upper
41 100
39 58.3 47.5 71.3
67 74.2 60.5 90.7
52 32.3 27.0 40.6

Manual Integrations

APPROVED

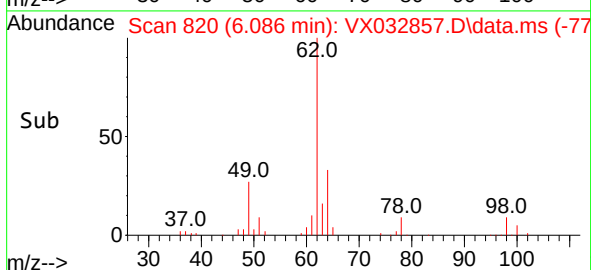
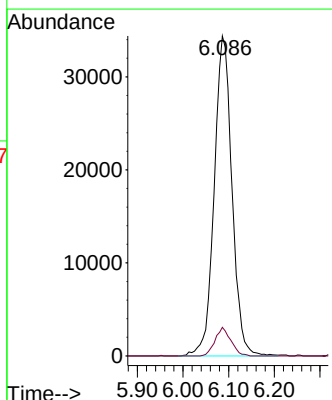
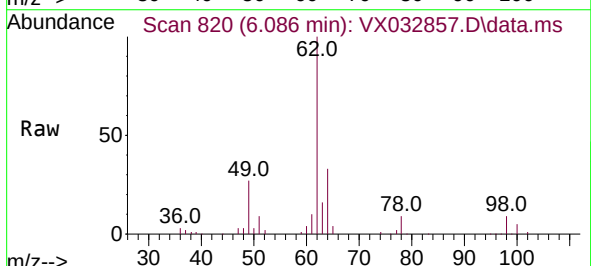
Reviewed By :John Carlone 11/16/2022

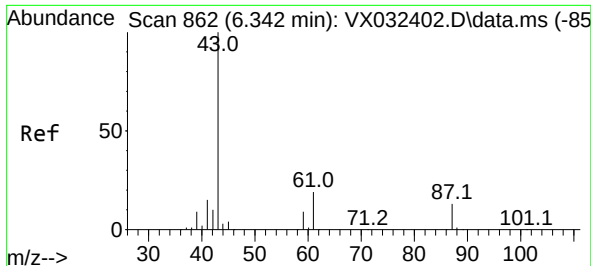
Supervised By :Mahesh Dadoda 11/16/2022



#42
1,2-Dichloroethane
Concen: 54.572 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion: 62 Resp: 92922
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 48.654 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 11446

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

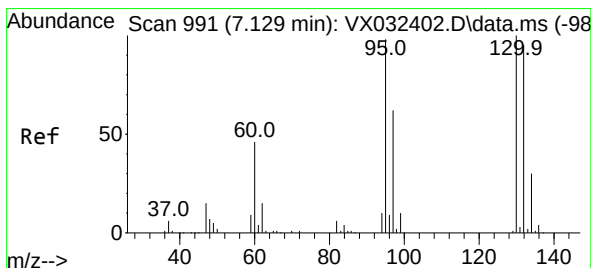
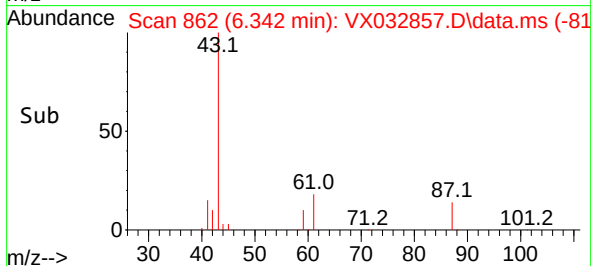
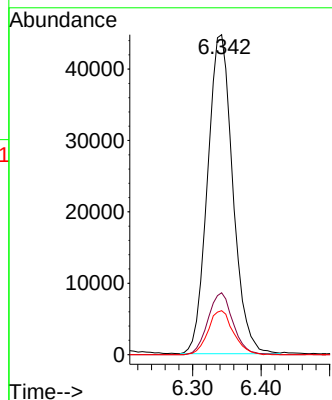
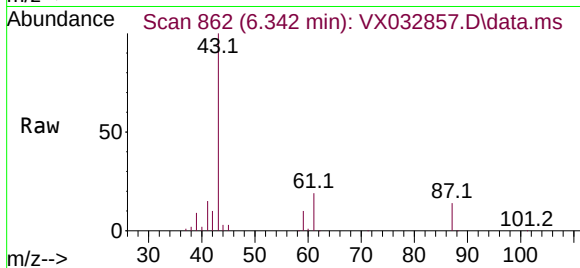
87 13.7 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#44

Trichloroethene

Concen: 51.471 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX032857.D

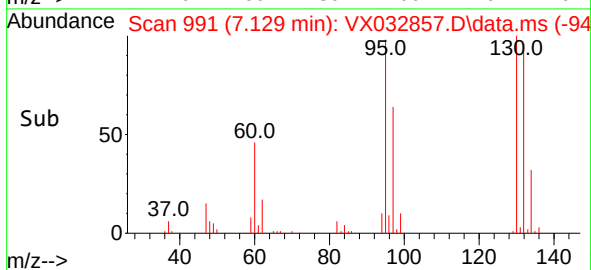
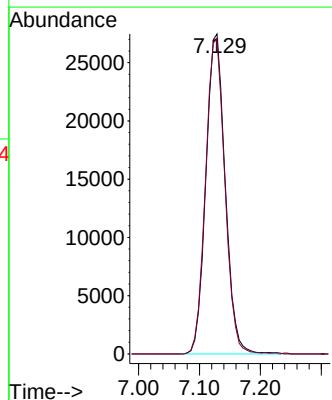
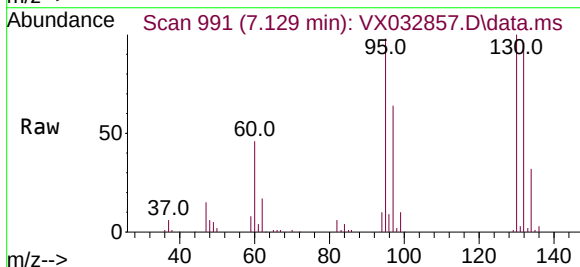
Acq: 16 Nov 2022 09:39

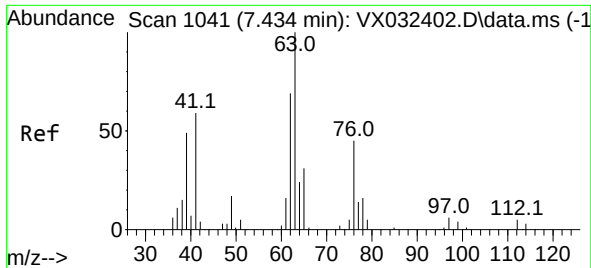
Tgt Ion:130 Resp: 60355

Ion Ratio Lower Upper

130 100

95 98.5 0.0 195.2





#45

1,2-Dichloropropane

Concen: 54.013 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 57754

Ion Ratio Lower Upper

63 100

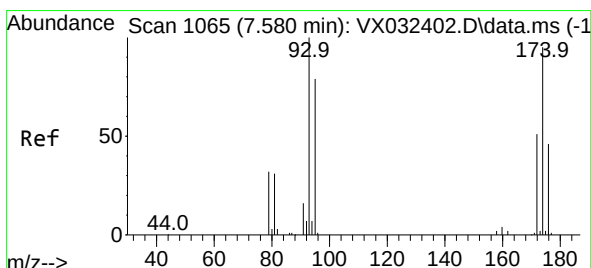
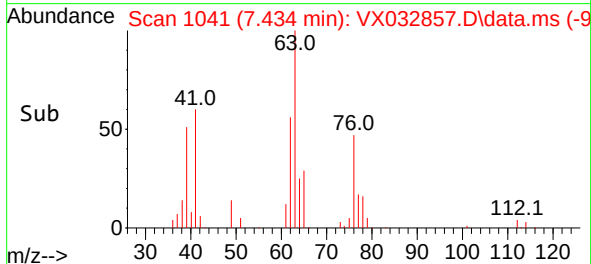
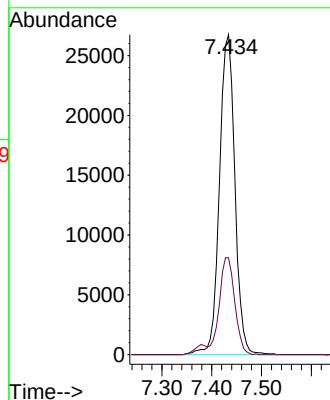
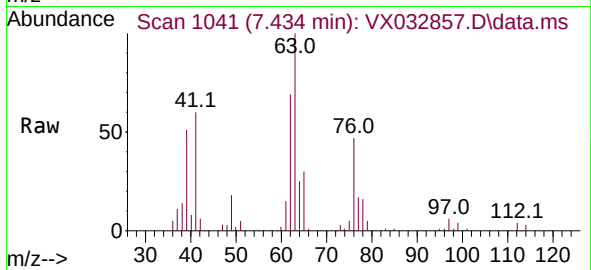
65 30.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#46

Dibromomethane

Concen: 52.272 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

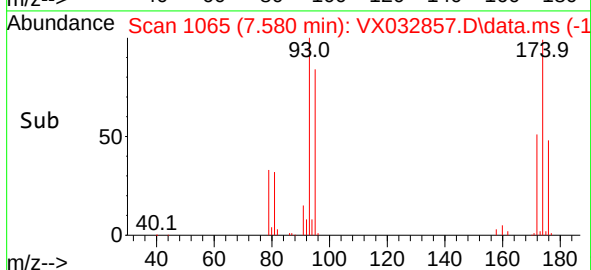
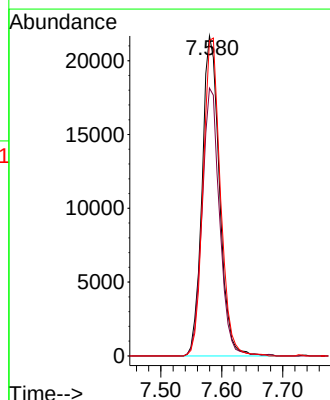
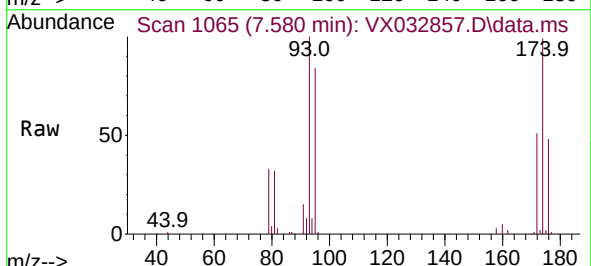
Tgt Ion: 93 Resp: 42865

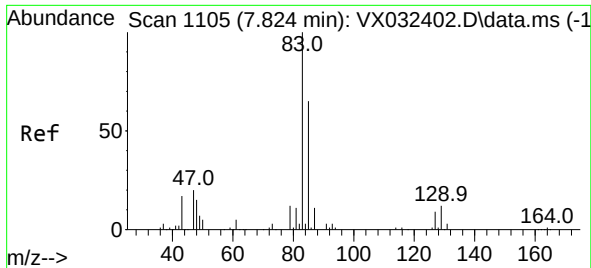
Ion Ratio Lower Upper

93 100

95 83.9 65.8 98.8

174 98.9 79.8 119.6





#47
Bromodichloromethane
Concen: 56.413 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :

MSVOA_X

ClientSampleId :

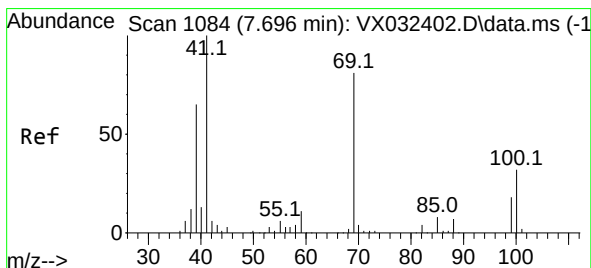
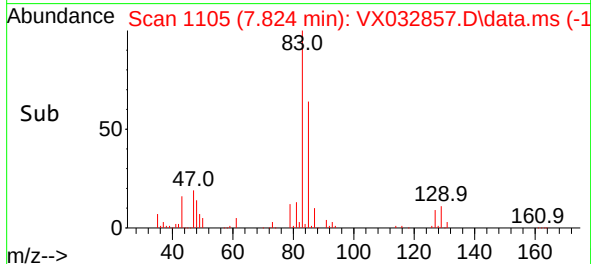
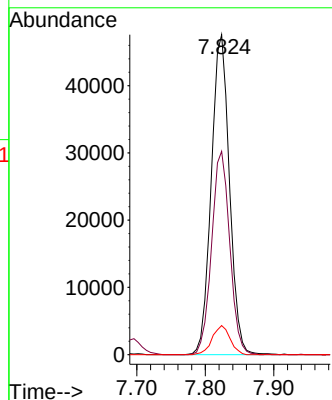
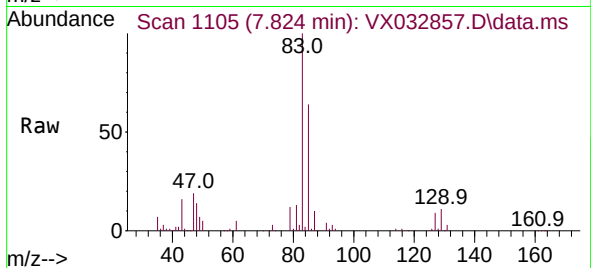
VSTDCCC050EC

Tgt Ion: 83 Resp: 87676
Ion Ratio Lower Upper
83 100
85 63.5 52.2 78.4
127 9.1 7.4 11.2

Manual Integrations

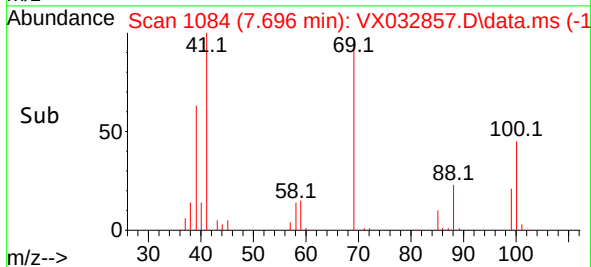
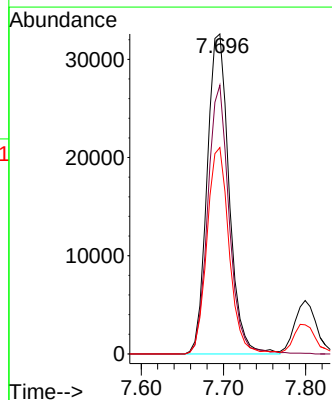
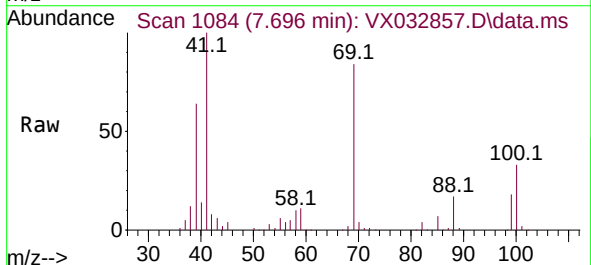
APPROVED

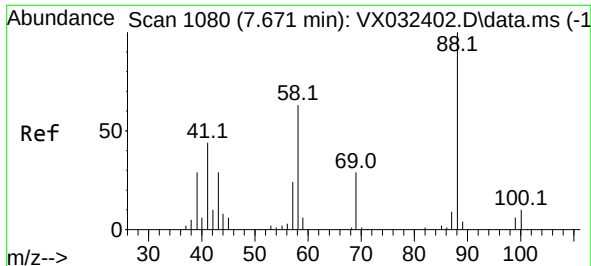
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#48
Methyl methacrylate
Concen: 49.803 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion: 41 Resp: 60510
Ion Ratio Lower Upper
41 100
69 81.4 65.1 97.7
39 65.1 51.9 77.9





#49

1,4-Dioxane

Concen: 886.387 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.037 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

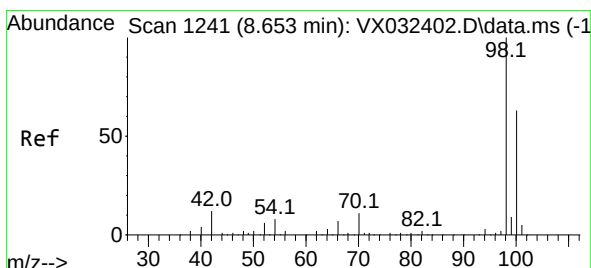
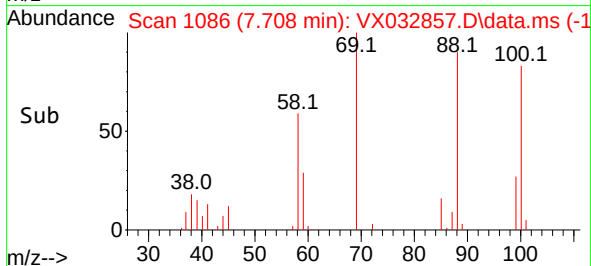
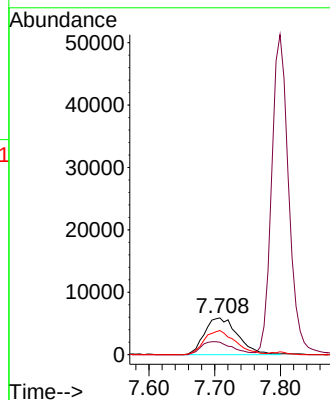
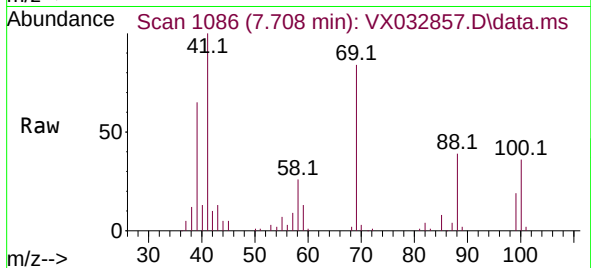
Tgt Ion: 88	Resp: 20524
Ion Ratio	Lower Upper
88 100	
43 33.3	26.6 39.8
58 61.7	51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#50

Toluene-d8

Concen: 51.024 ug/l

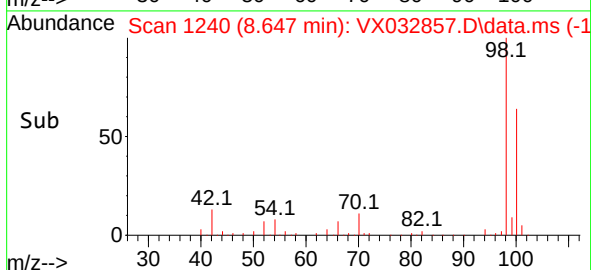
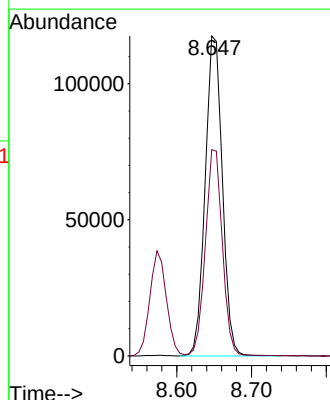
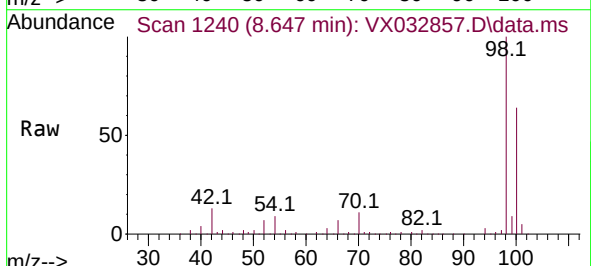
RT: 8.647 min Scan# 1240

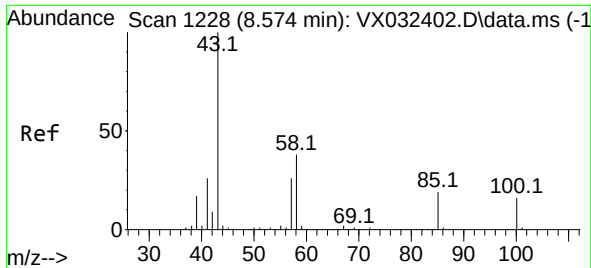
Delta R.T. -0.006 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Tgt Ion: 98	Resp: 187541
Ion Ratio	Lower Upper
98 100	
100 63.6	50.9 76.3





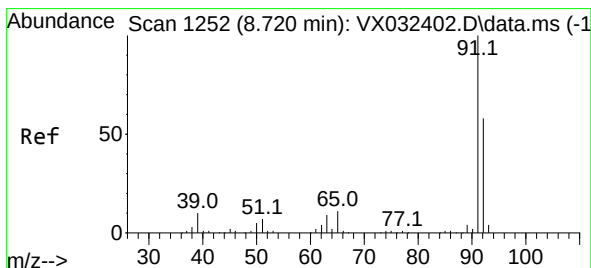
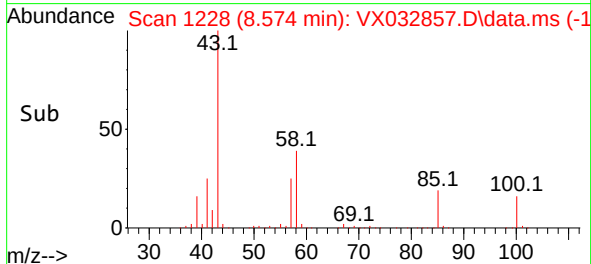
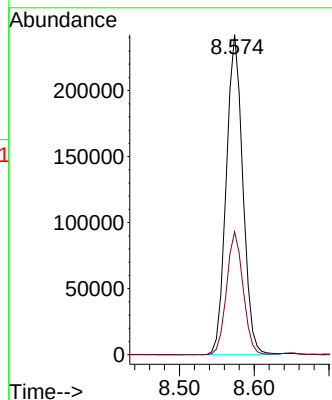
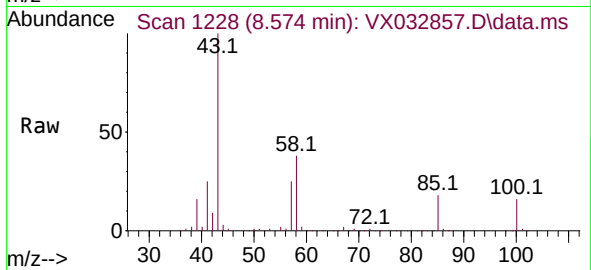
#51
4-Methyl-2-Pentanone
Concen: 252.146 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 373636
Ion Ratio Lower Upper
43 100
58 38.2 30.9 46.3

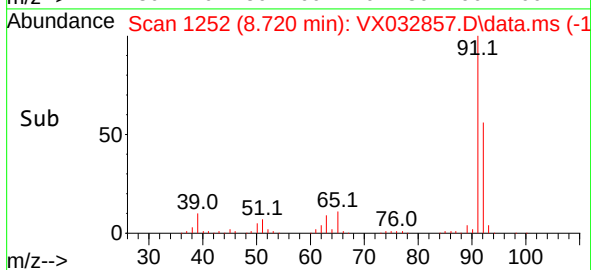
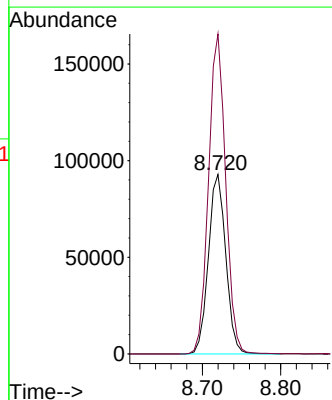
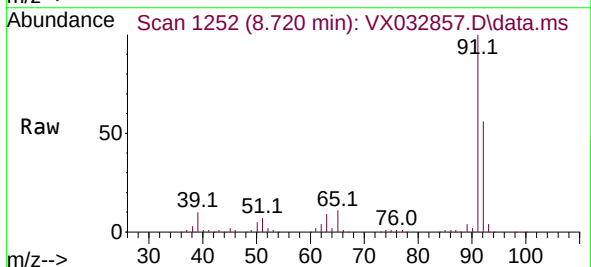
Manual Integrations
APPROVED

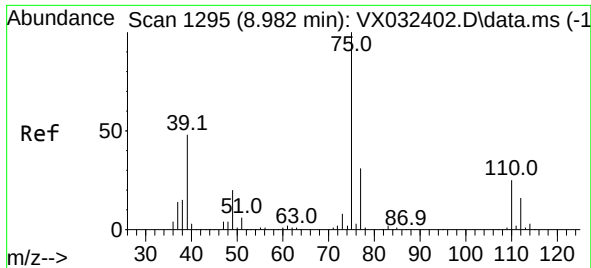
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#52
Toluene
Concen: 52.749 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

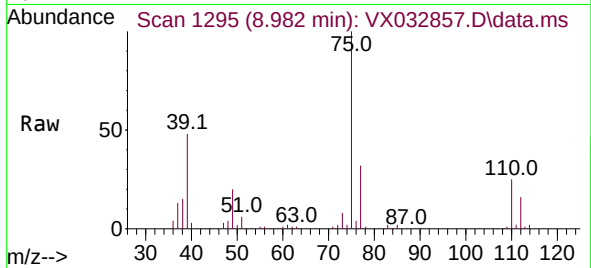
Tgt Ion: 92 Resp: 143354
Ion Ratio Lower Upper
92 100
91 175.7 138.3 207.5





#53
t-1,3-Dichloropropene
Concen: 52.122 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

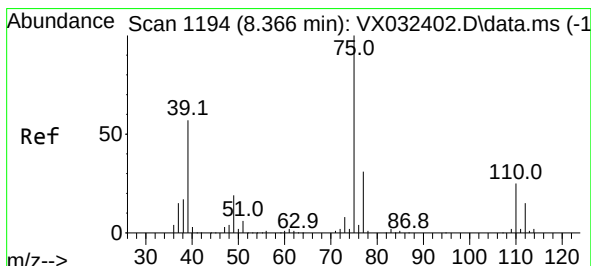
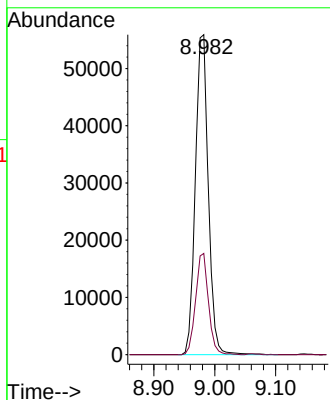
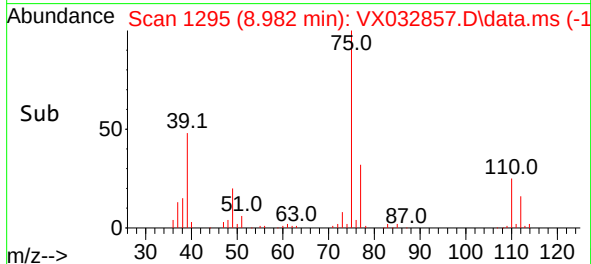
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



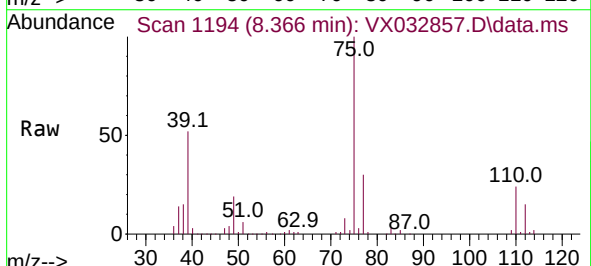
Tgt Ion: 75 Resp: 82652
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7

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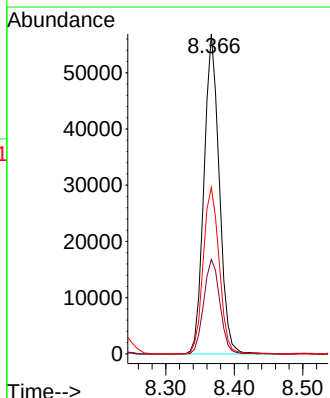
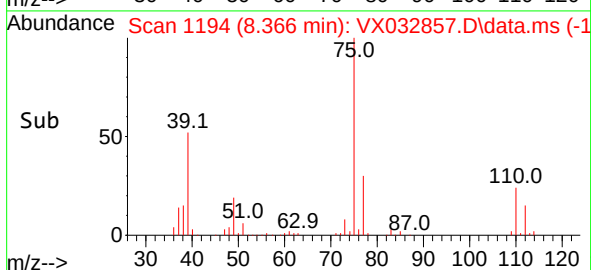
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

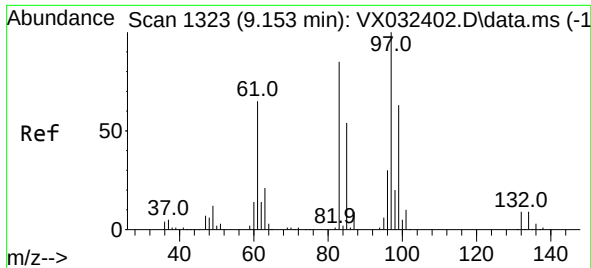


#54
cis-1,3-Dichloropropene
Concen: 51.735 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39



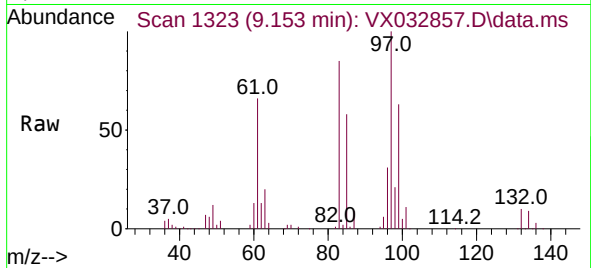
Tgt Ion: 75 Resp: 87746
Ion Ratio Lower Upper
75 100
77 29.5 25.1 37.7
39 52.0 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 53.663 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

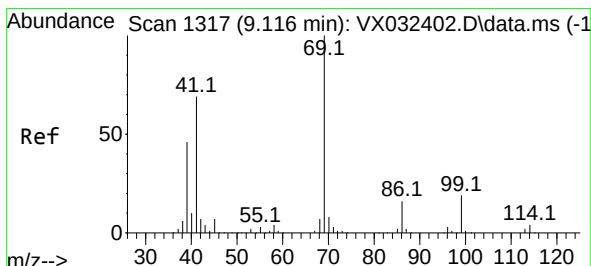
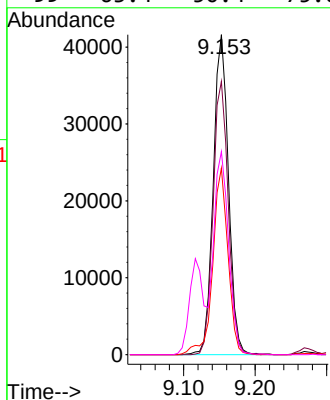
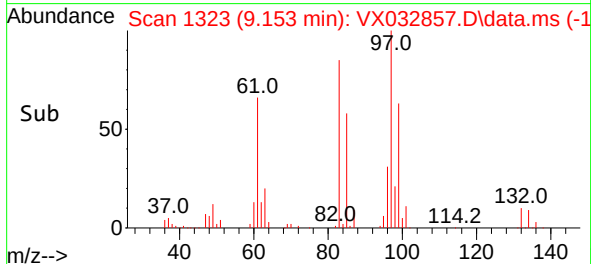


Tgt Ion: 97 Resp: 61418

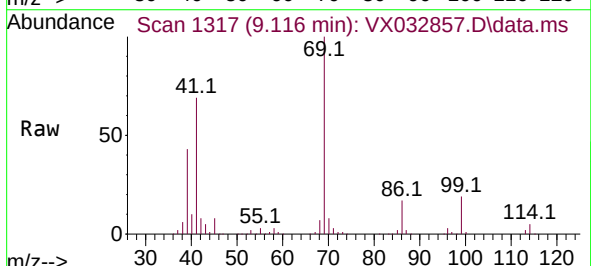
Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.1	102.1
85	58.3	43.3	64.9
99	63.4	50.4	75.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

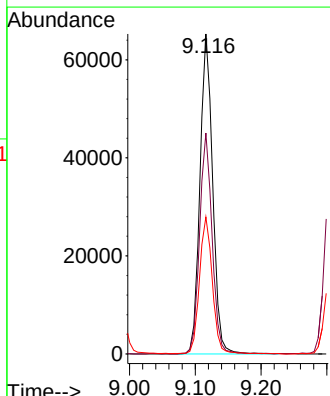
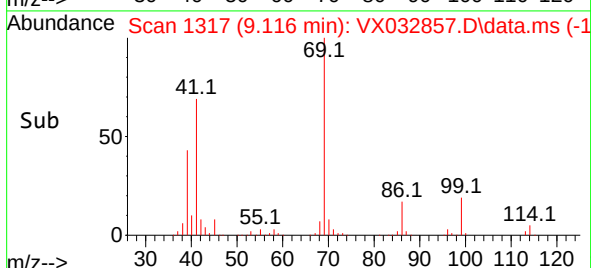


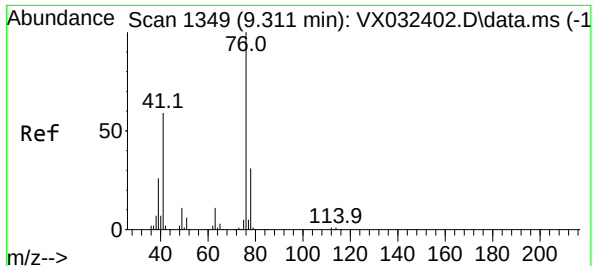
#56
Ethyl methacrylate
Concen: 53.201 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39



Tgt Ion: 69 Resp: 87623

Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.3	81.5
39	43.1	35.2	52.8





#57

1,3-Dichloropropane

Concen: 53.739 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 99324

Ion Ratio Lower Upper

76 100

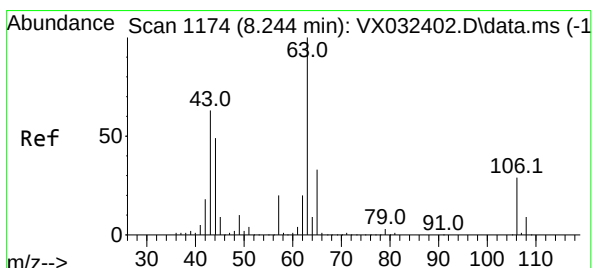
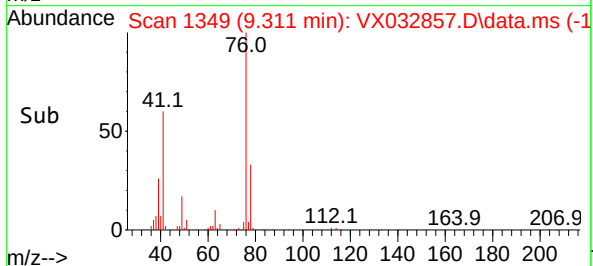
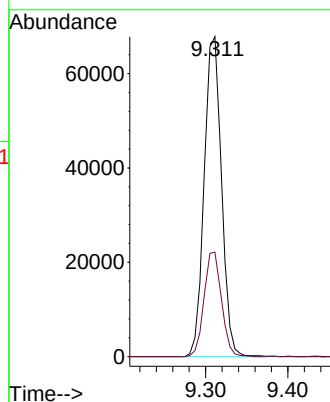
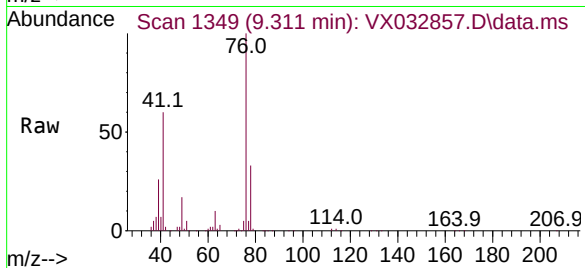
78 32.9 26.0 39.0

Manual Integrations

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Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 257.422 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032857.D

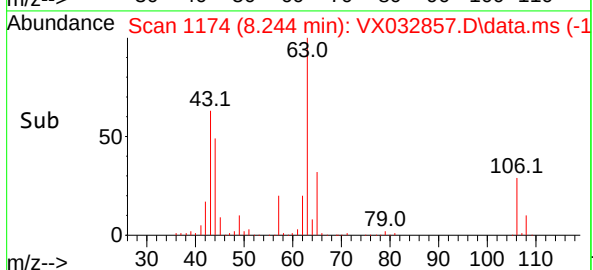
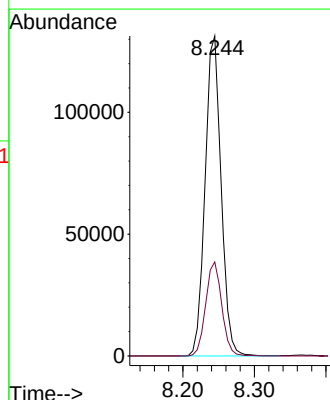
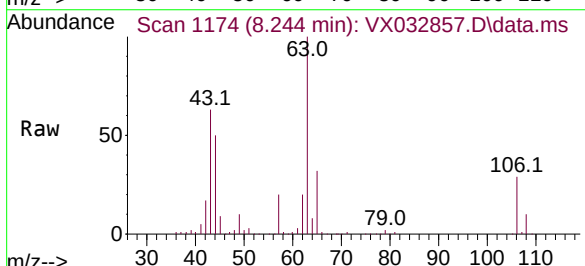
Acq: 16 Nov 2022 09:39

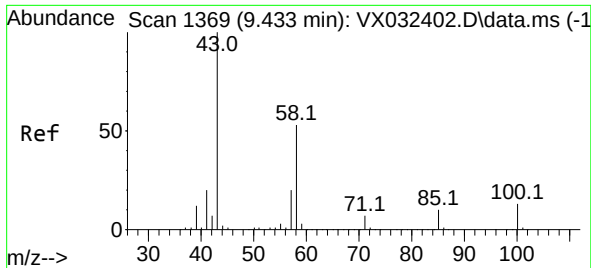
Tgt Ion: 63 Resp: 204152

Ion Ratio Lower Upper

63 100

106 29.4 23.3 34.9





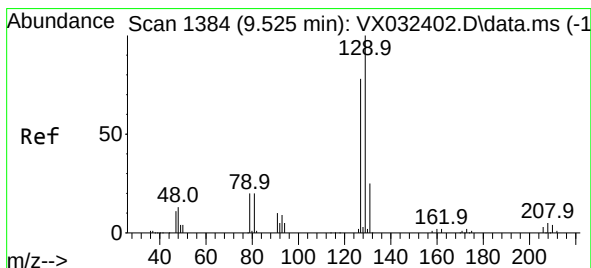
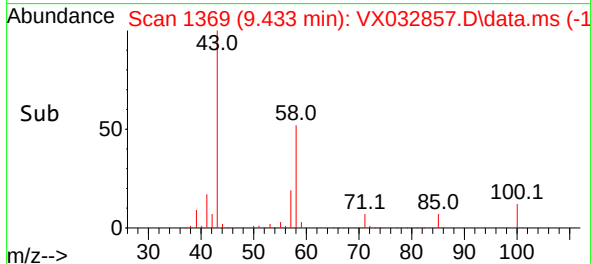
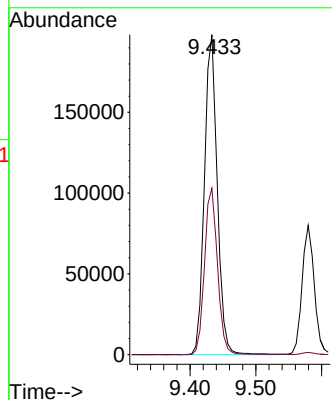
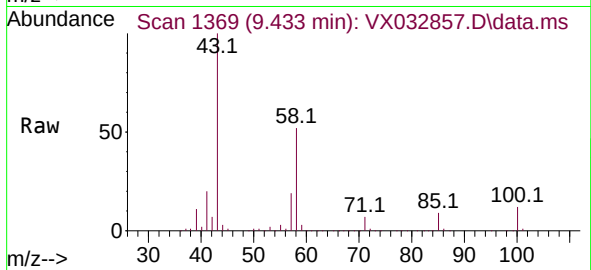
#59
2-Hexanone
Concen: 244.259 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 26856
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.5

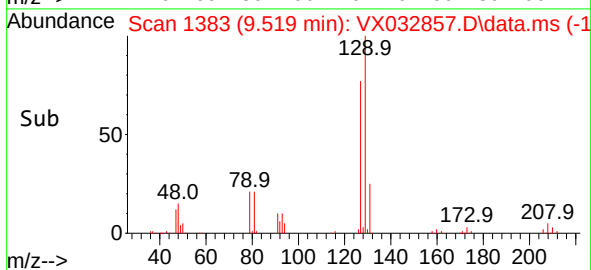
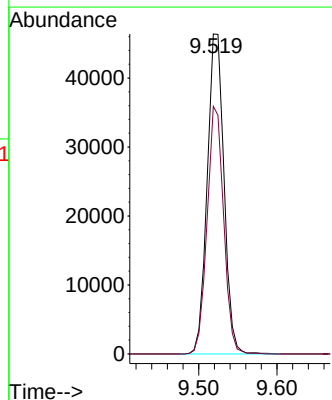
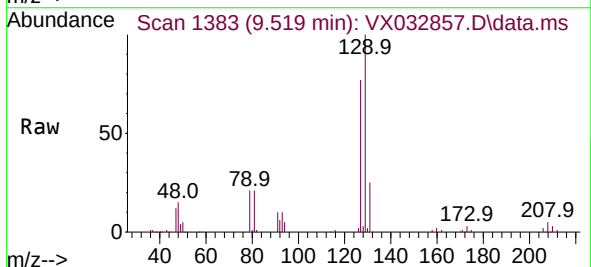
Manual Integrations
APPROVED

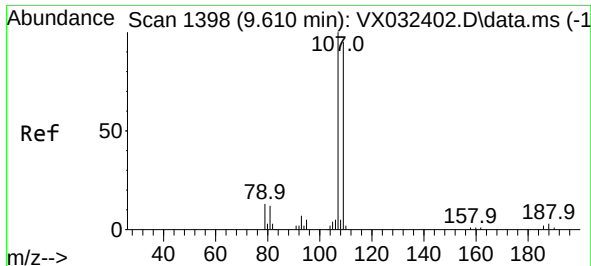
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#60
Dibromochloromethane
Concen: 55.403 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion:129 Resp: 69259
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8





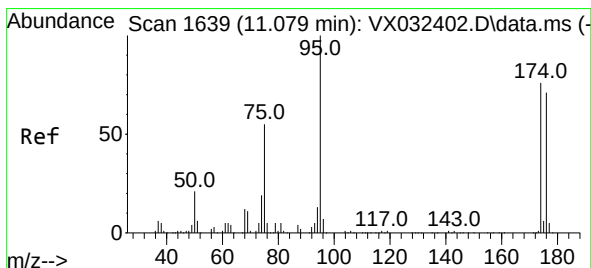
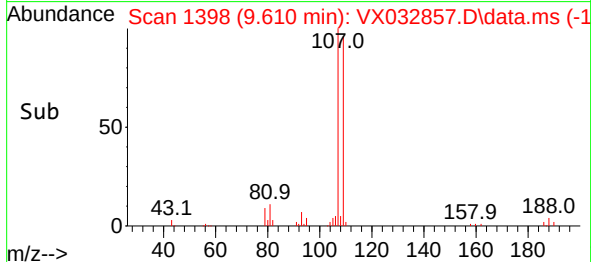
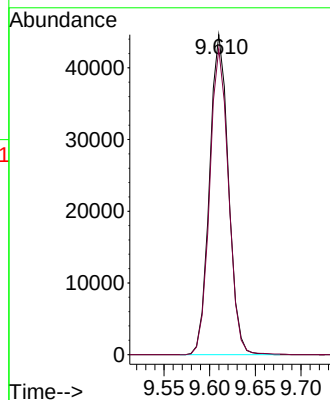
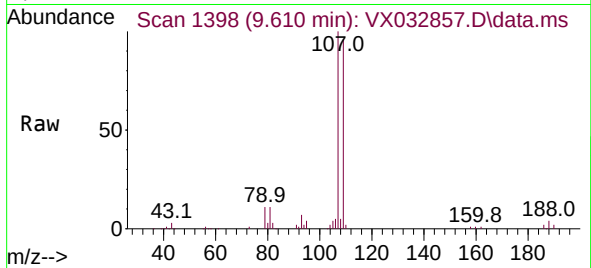
#61
1,2-Dibromoethane
Concen: 52.990 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 64263
Ion Ratio Lower Upper
107 100
109 95.3 76.0 114.0

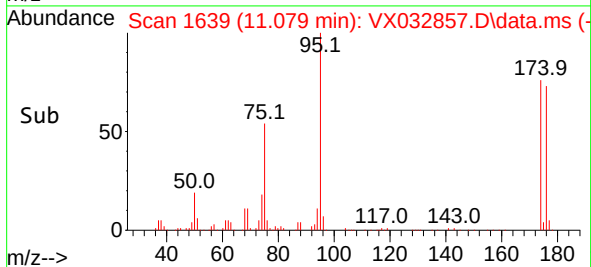
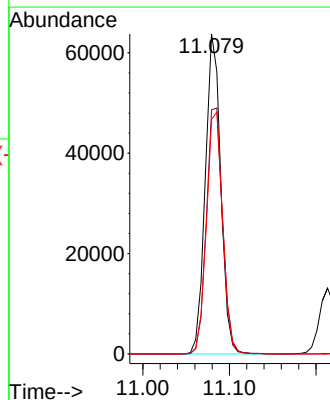
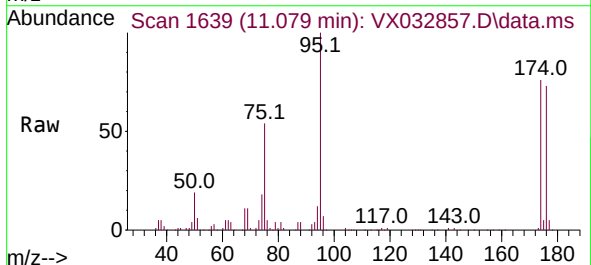
Manual Integrations
APPROVED

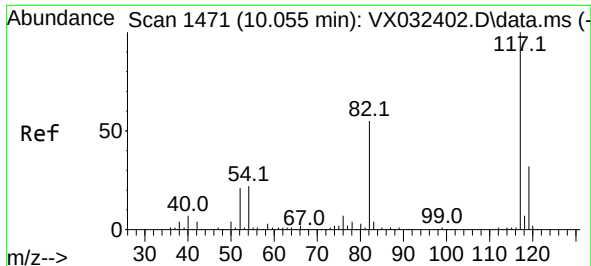
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#62
4-Bromofluorobenzene
Concen: 54.865 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

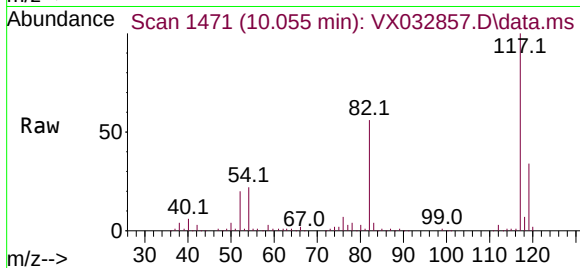
Tgt Ion: 95 Resp: 78772
Ion Ratio Lower Upper
95 100
174 81.2 0.0 164.0
176 79.2 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

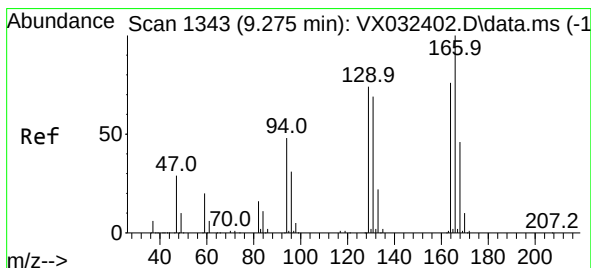
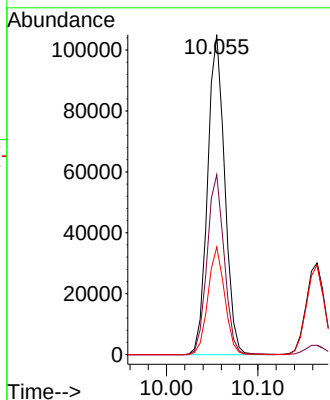
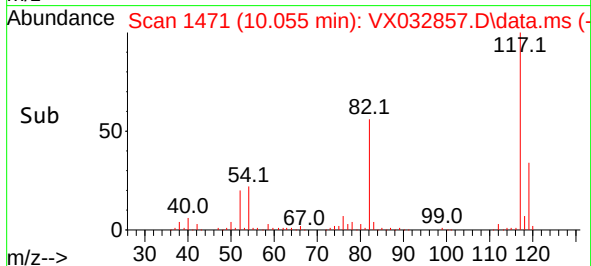
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 136678
Ion Ratio Lower Upper
117 100
82 56.2 44.3 66.5
119 33.6 25.7 38.5

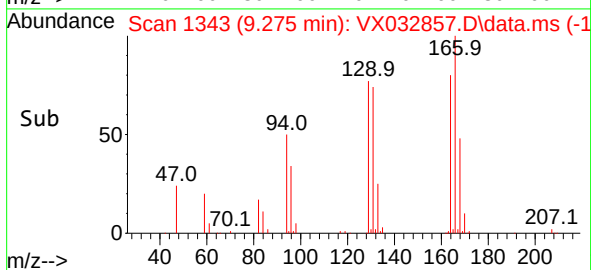
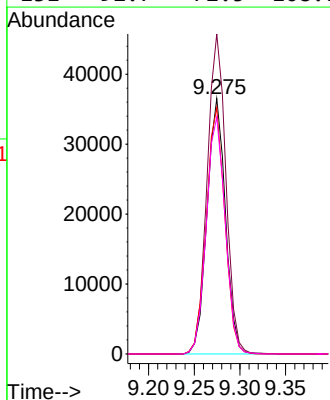
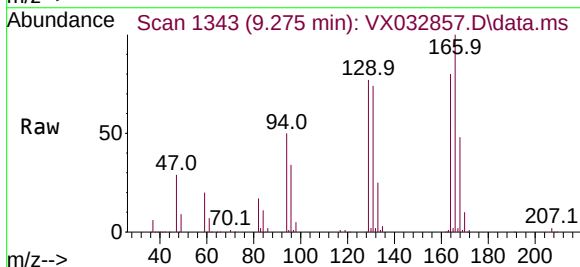
Manual Integrations
APPROVED

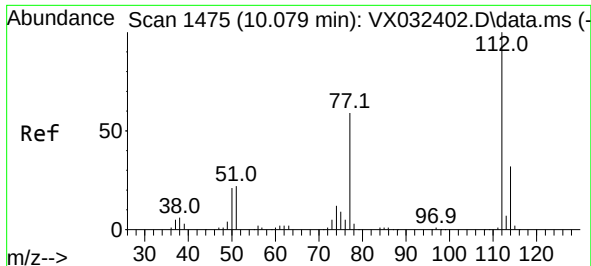
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#64
Tetrachloroethene
Concen: 51.178 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion:164 Resp: 51198
Ion Ratio Lower Upper
164 100
166 125.4 105.4 158.2
129 96.5 78.2 117.2
131 92.7 72.5 108.7





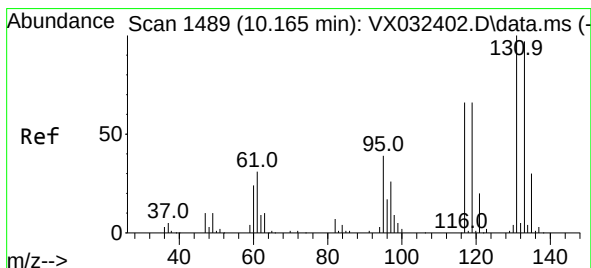
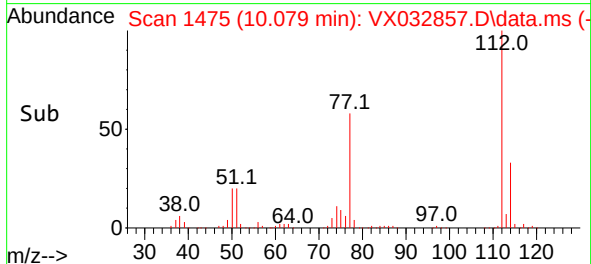
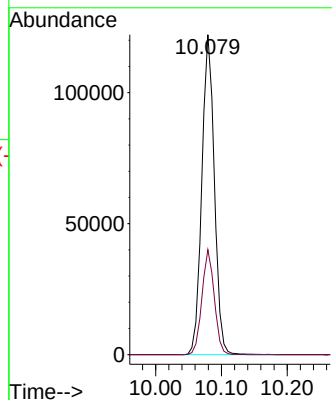
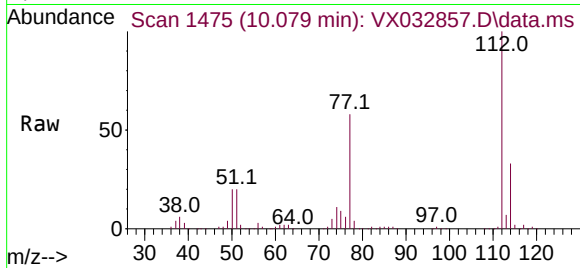
#65
Chlorobenzene
Concen: 52.825 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 161733
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2

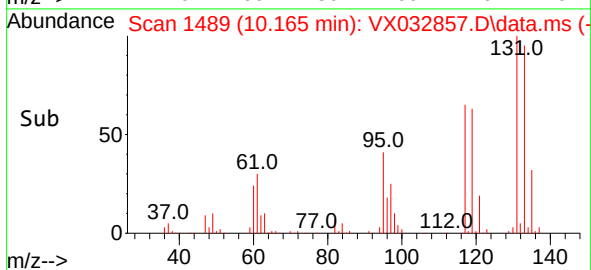
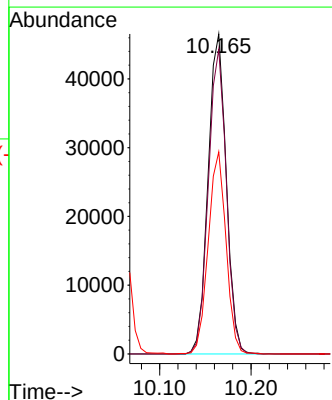
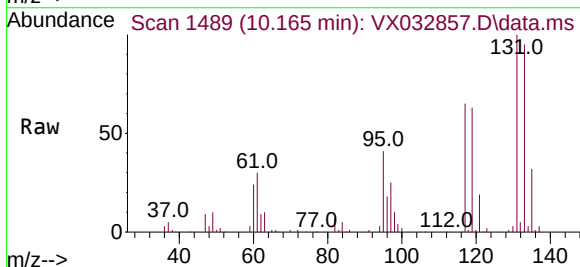
Manual Integrations
APPROVED

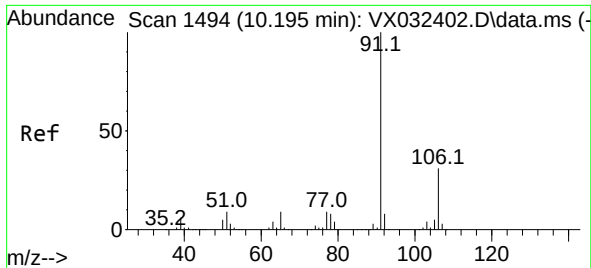
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 55.838 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion:131 Resp: 64341
Ion Ratio Lower Upper
131 100
133 94.5 47.6 142.9
119 62.0 32.4 97.0





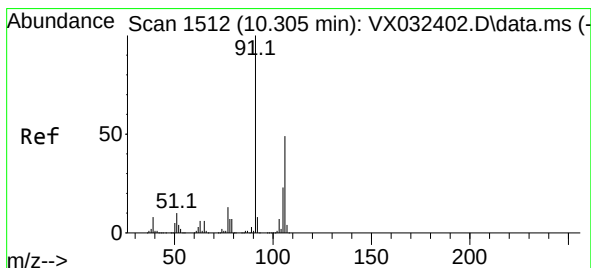
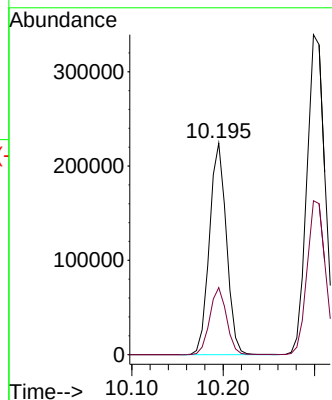
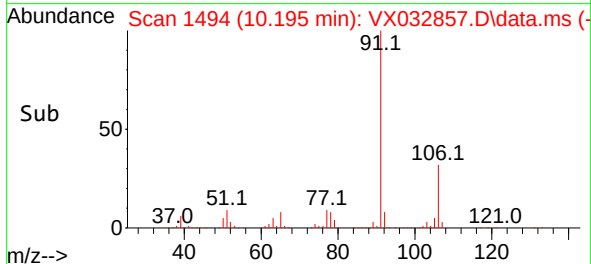
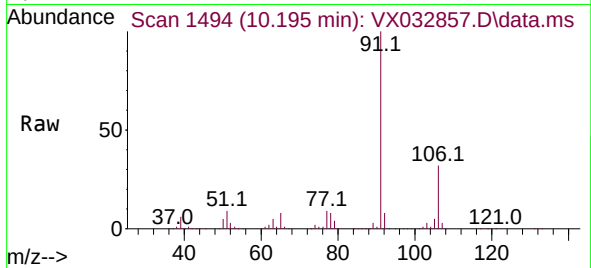
#67
Ethyl Benzene
Concen: 52.978 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 290050
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6

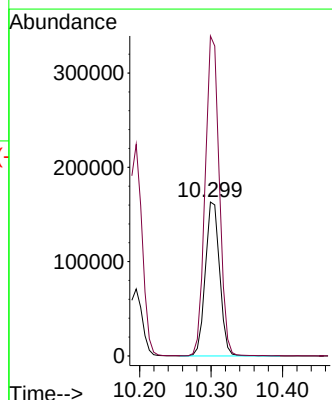
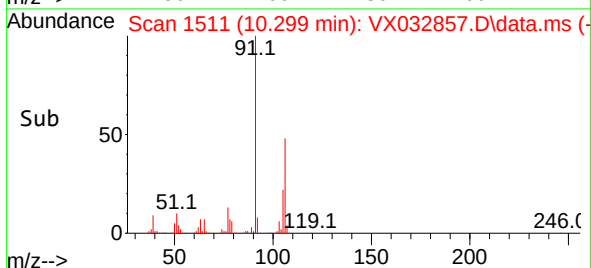
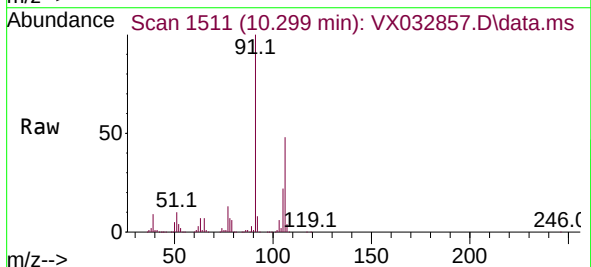
Manual Integrations
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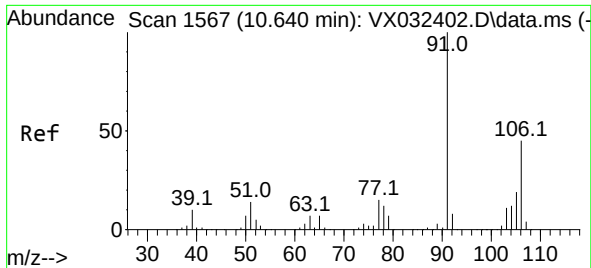
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#68
m/p-Xylenes
Concen: 106.394 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion:106 Resp: 226191
Ion Ratio Lower Upper
106 100
91 205.8 164.5 246.7





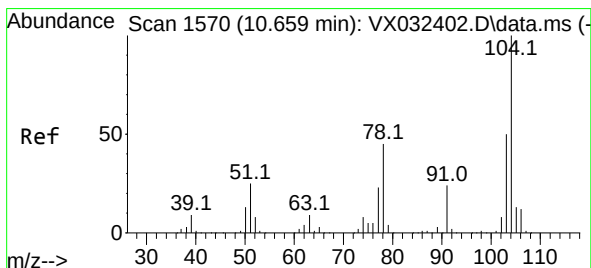
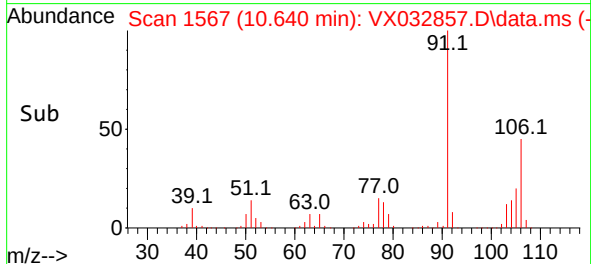
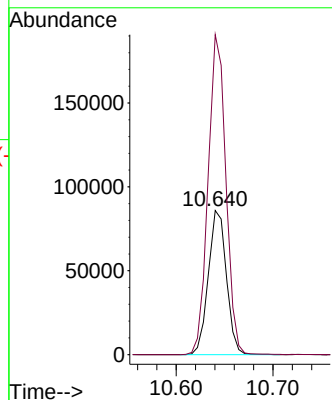
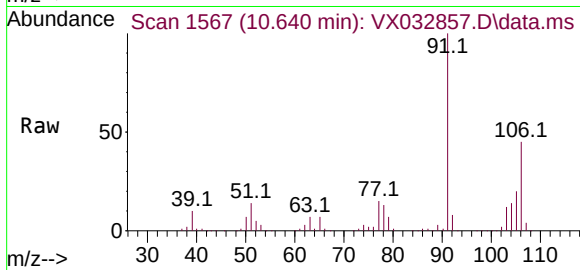
#69
o-Xylene
Concen: 53.941 ug/l
RT: 10.640 min Scan# 111497
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 111497
Ion Ratio Lower Upper
106 100
91 218.5 109.2 327.6

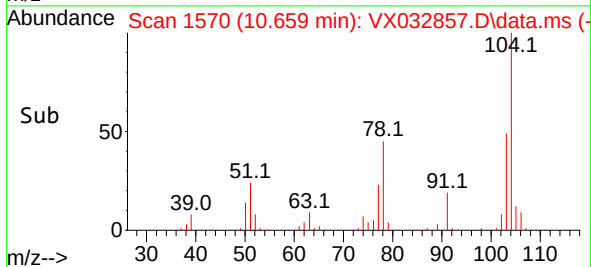
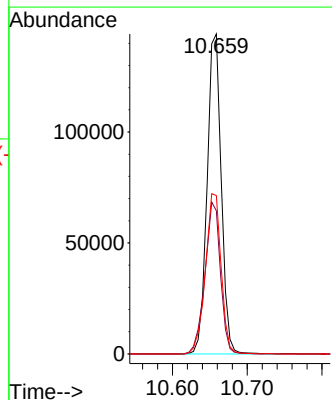
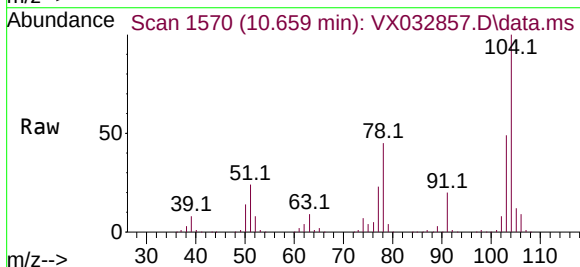
Manual Integrations
APPROVED

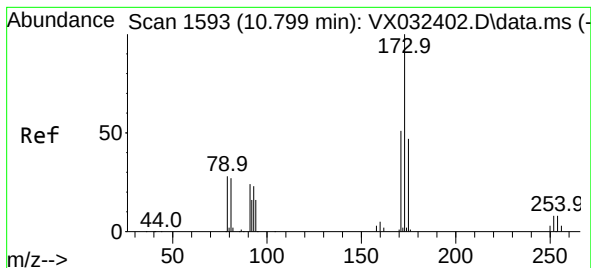
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#70
Styrene
Concen: 55.209 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

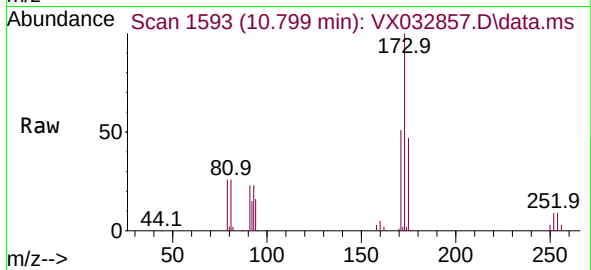
Tgt Ion:104 Resp: 189657
Ion Ratio Lower Upper
104 100
78 51.8 41.8 62.8
103 55.5 44.5 66.7





#71
Bromoform
Concen: 54.567 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

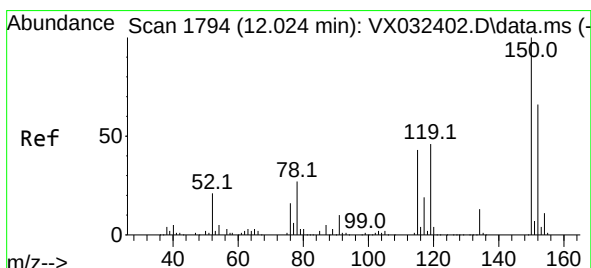
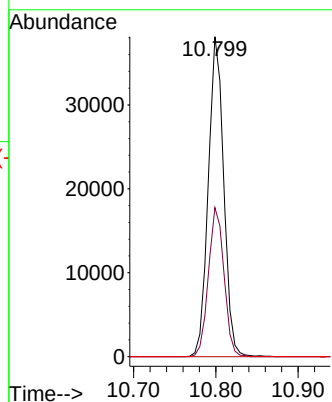
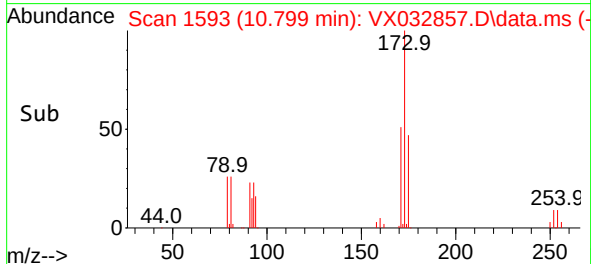
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 49713
Ion Ratio Lower Upper
173 100
175 46.9 23.9 71.8
254 0.0 0.0 0.0

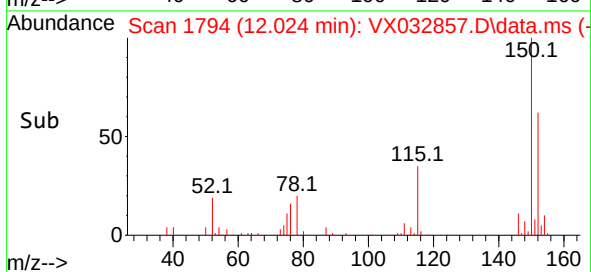
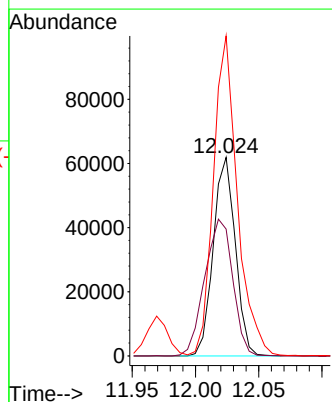
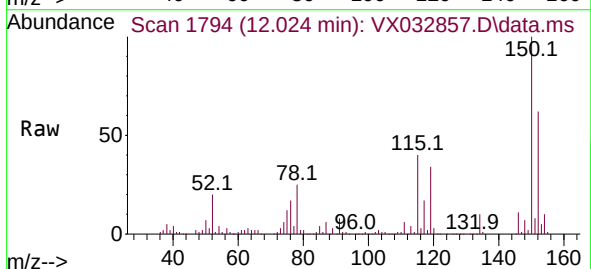
Manual Integrations
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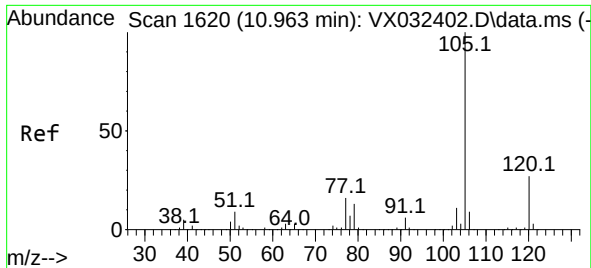
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

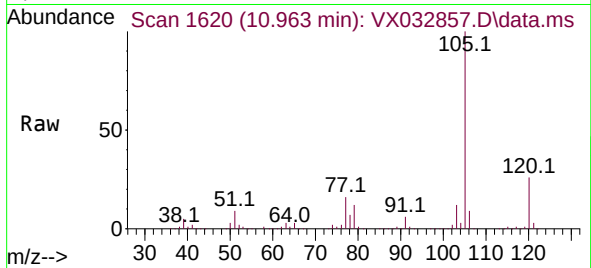
Tgt Ion:152 Resp: 75060
Ion Ratio Lower Upper
152 100
115 87.5 44.0 132.0
150 175.1 0.0 351.8





#73
Isopropylbenzene
Concen: 51.168 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

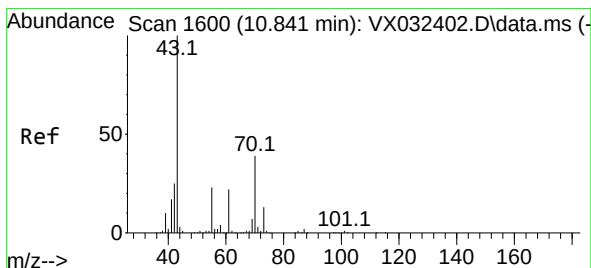
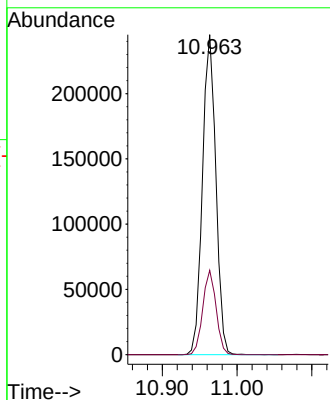
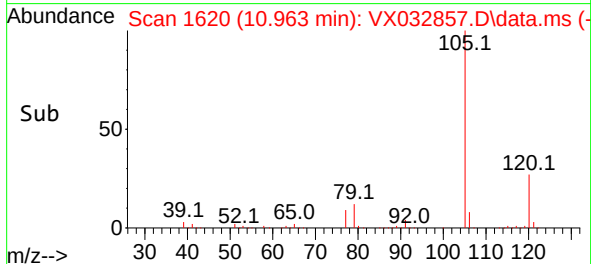
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 304342
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

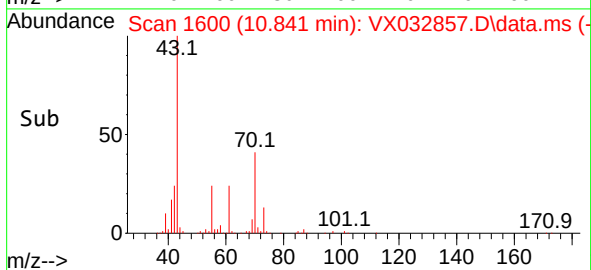
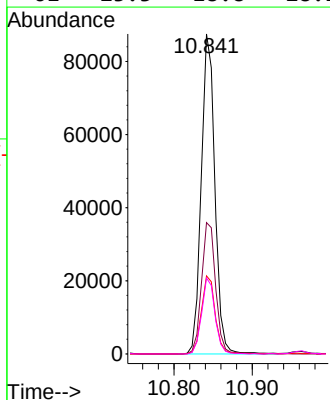
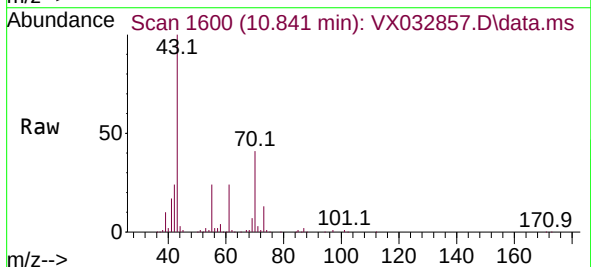
Manual Integrations
APPROVED

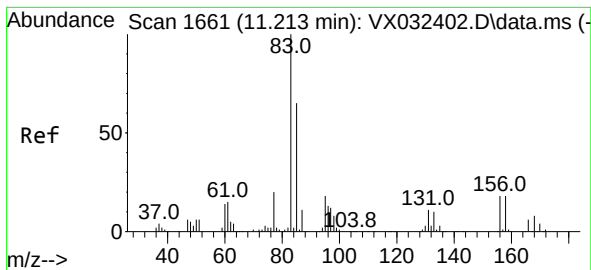
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#74
N-ethyl acetate
Concen: 47.035 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion: 43 Resp: 105705
Ion Ratio Lower Upper
43 100
70 42.4 33.6 50.4
55 24.9 19.4 29.2
61 23.3 18.8 28.2





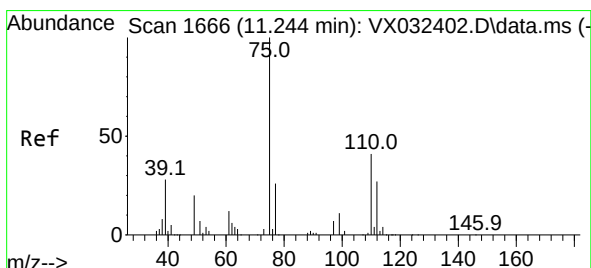
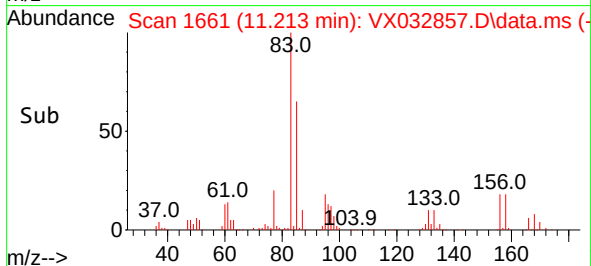
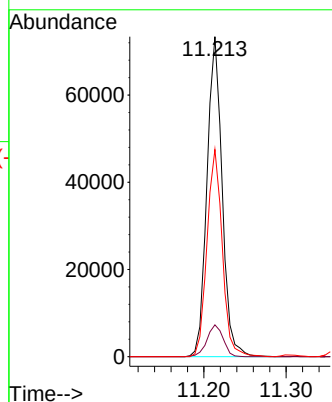
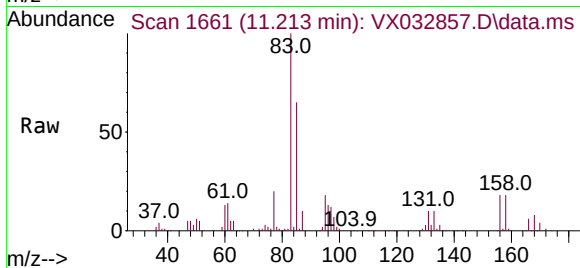
#75
1,1,2,2-Tetrachloroethane
Concen: 49.226 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 93982
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 65.1 31.9 95.9

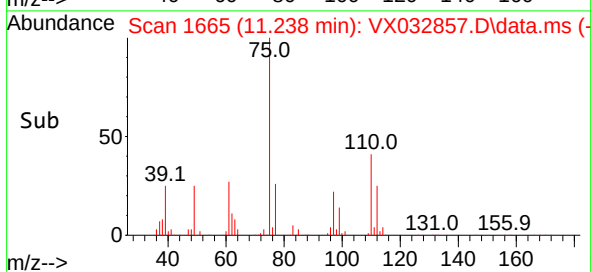
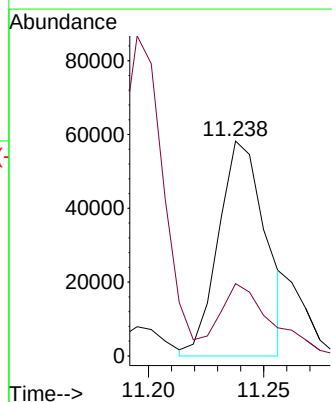
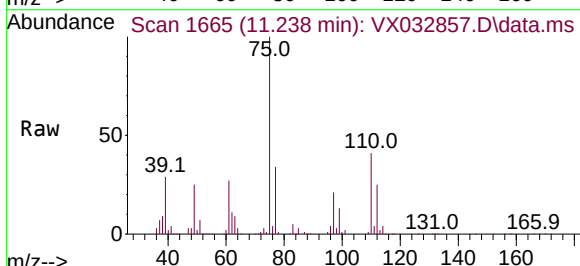
Manual Integrations
APPROVED

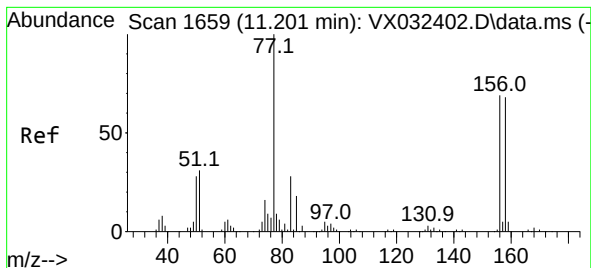
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#76
1,2,3-Trichloropropane
Concen: 49.429 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion: 75 Resp: 82542
Ion Ratio Lower Upper
75 100
77 38.1 20.0 60.0





#77

Bromobenzene

Concen: 51.007 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

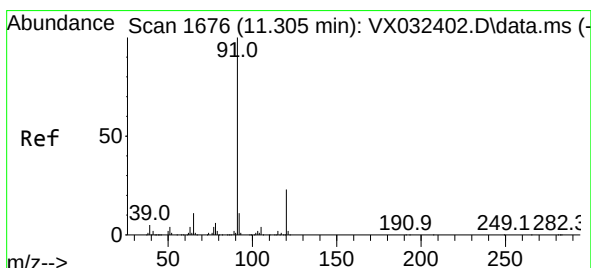
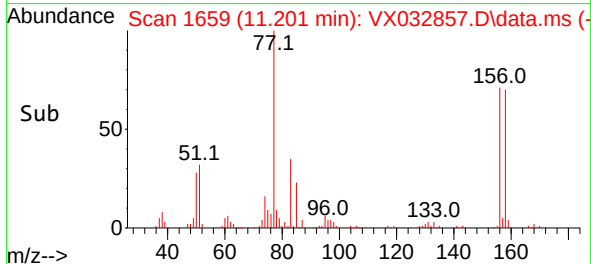
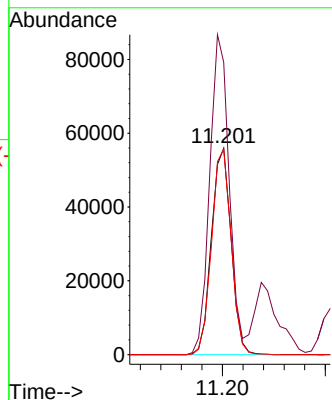
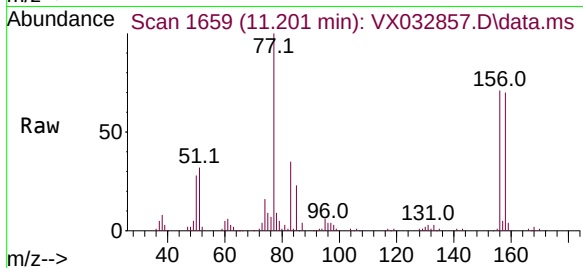
Tgt Ion:	156	Resp:	7437
Ion Ratio	Lower	Upper	
156	100		
77	152.7	76.1	228.4
158	98.5	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#78

n-propylbenzene

Concen: 50.519 ug/l

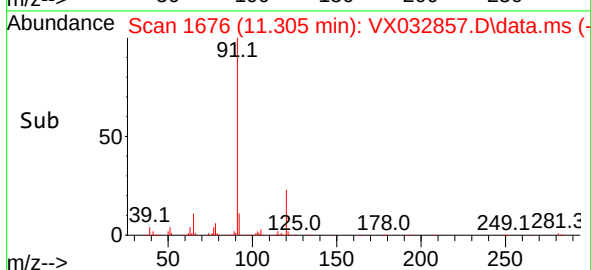
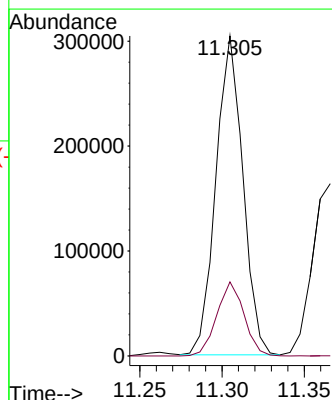
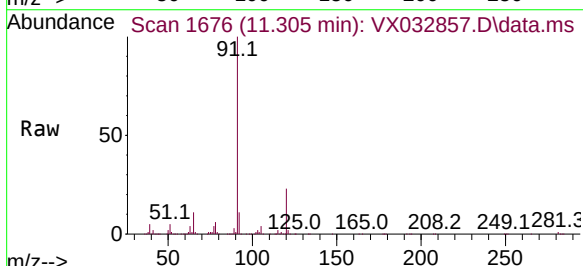
RT: 11.305 min Scan# 1676

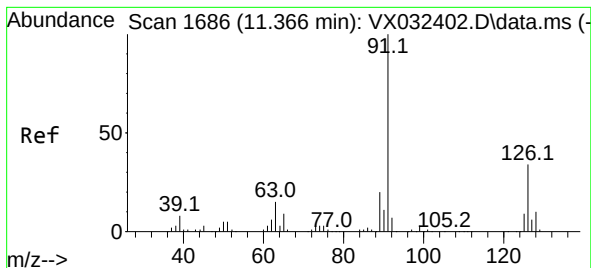
Delta R.T. 0.000 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Tgt Ion:	91	Resp:	346198
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.6	34.8





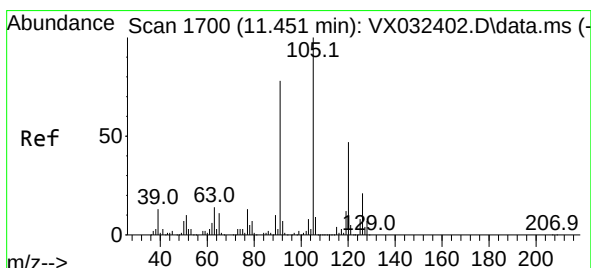
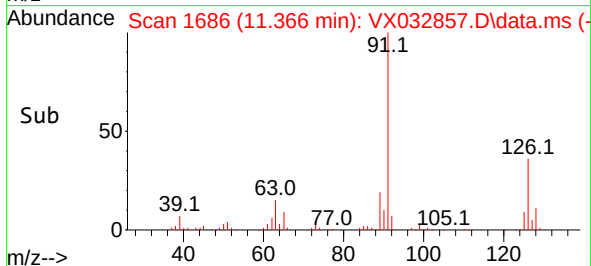
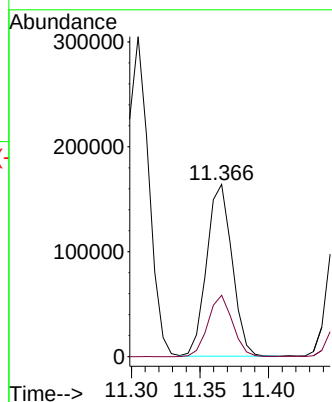
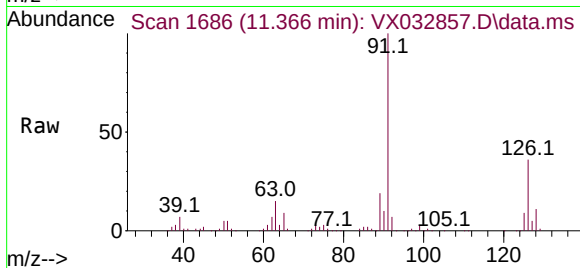
#79
2-Chlorotoluene
Concen: 51.426 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 211052
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2

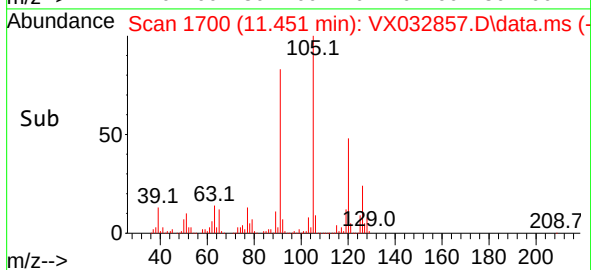
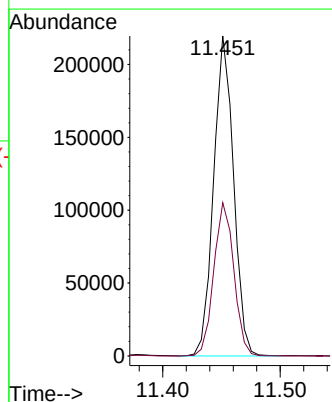
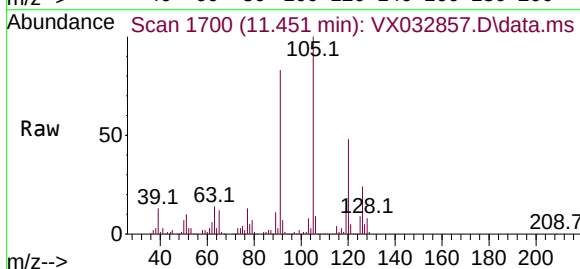
Manual Integrations
APPROVED

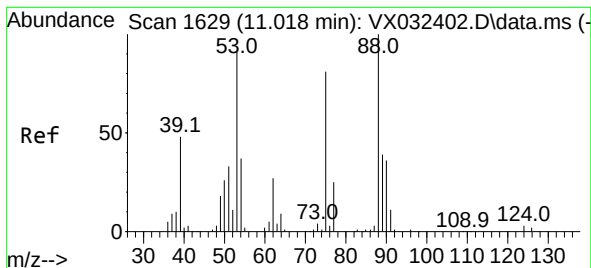
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.869 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion:105 Resp: 258589
Ion Ratio Lower Upper
105 100
120 48.2 23.6 71.0





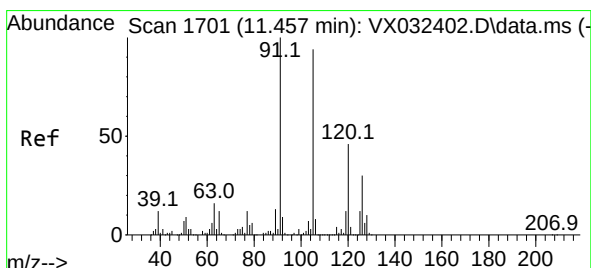
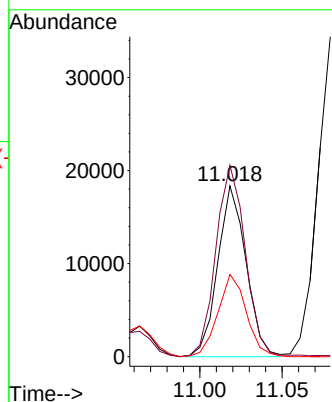
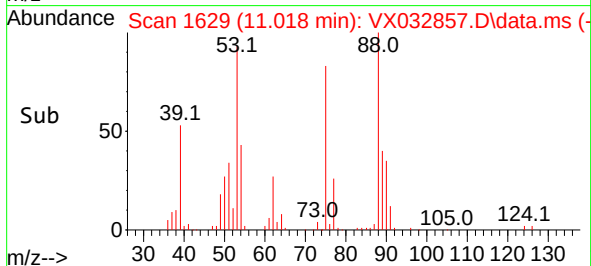
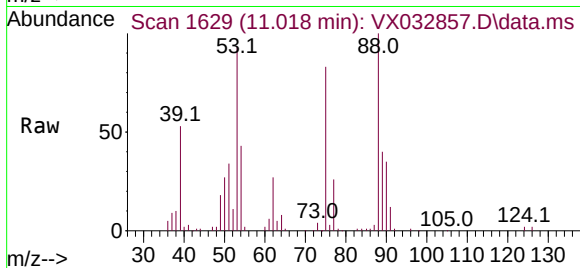
#81
trans-1,4-Dichloro-2-butene
Concen: 41.895 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 21986
Ion Ratio Lower Upper
75 100
53 116.8 86.9 130.3
89 48.1 38.3 57.5

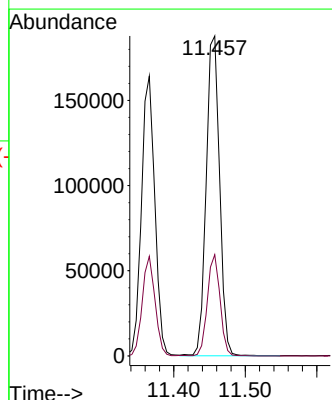
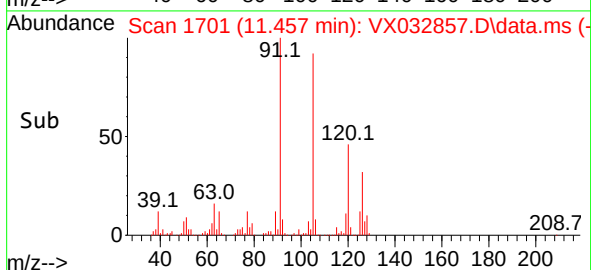
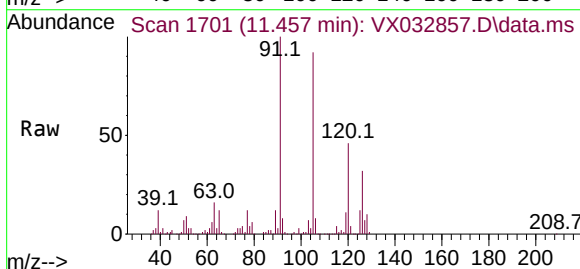
Manual Integrations
APPROVED

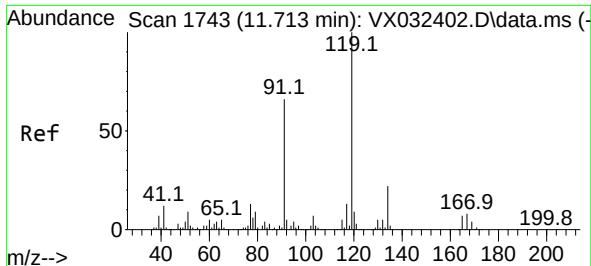
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#82
4-Chlorotoluene
Concen: 50.852 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

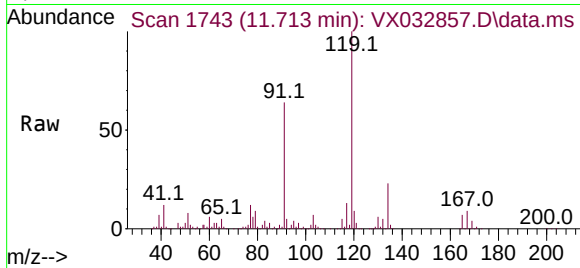
Tgt Ion: 91 Resp: 244202
Ion Ratio Lower Upper
91 100
126 30.0 14.8 44.4





#83
tert-Butylbenzene
Concen: 52.043 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

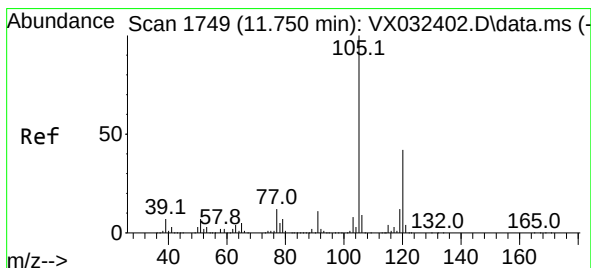
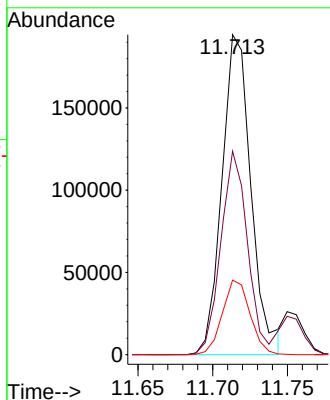
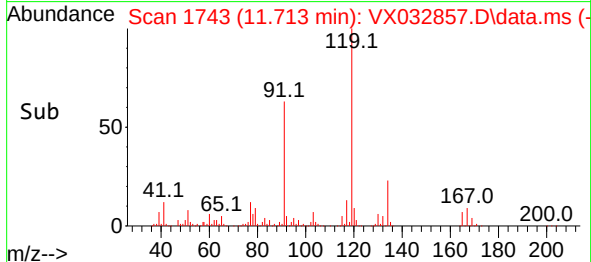
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



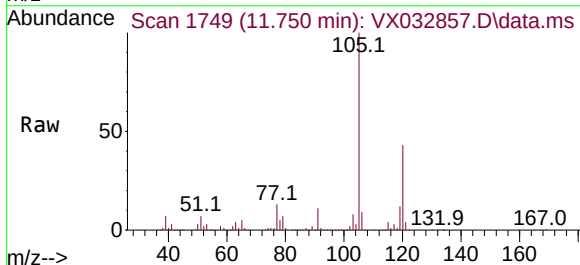
Tgt Ion:119 Resp: 264127
Ion Ratio Lower Upper
119 100
91 58.3 29.4 88.2
134 22.2 11.0 33.0

Manual Integrations
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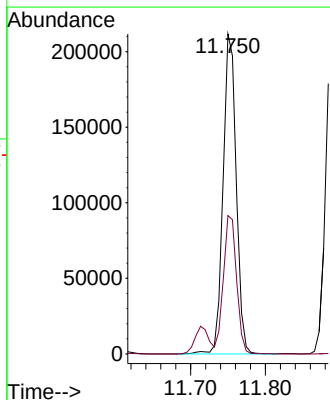
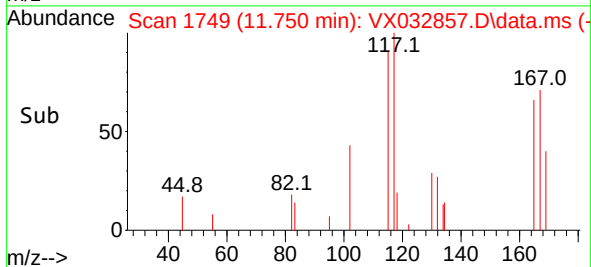
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

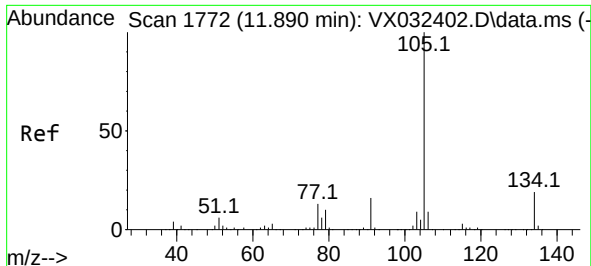


#84
1,2,4-Trimethylbenzene
Concen: 51.264 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39



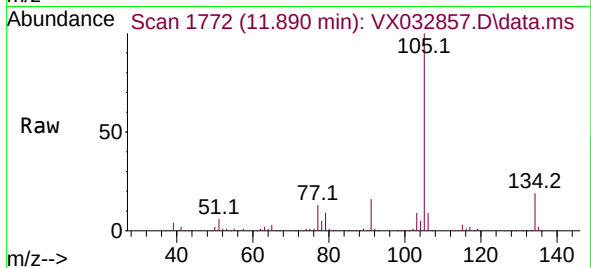
Tgt Ion:105 Resp: 259188
Ion Ratio Lower Upper
105 100
120 43.4 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 51.185 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032857.D
 Acq: 16 Nov 2022 09:39

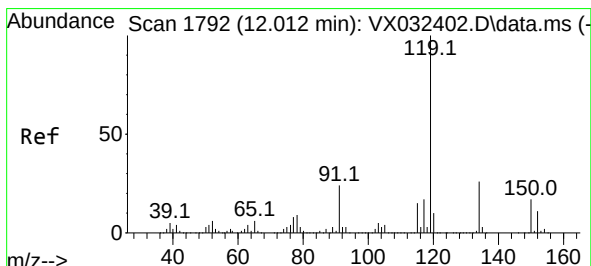
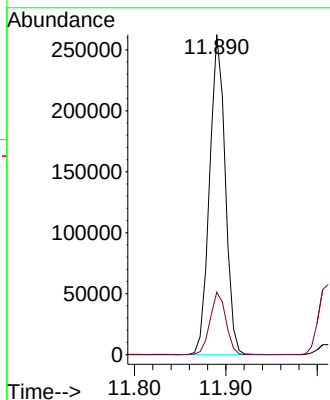
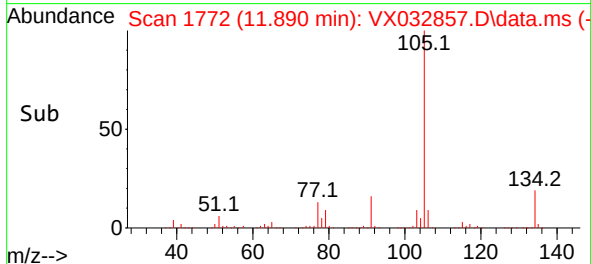
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 312574
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.9 29.7

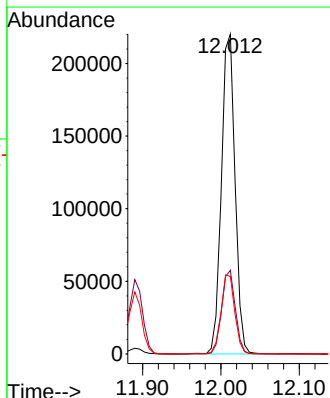
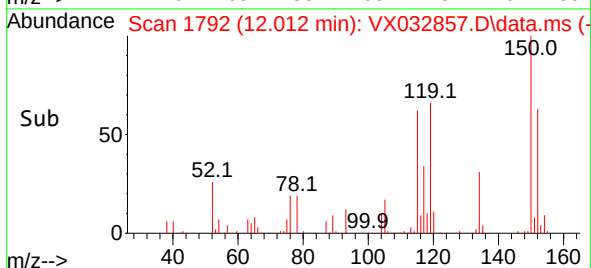
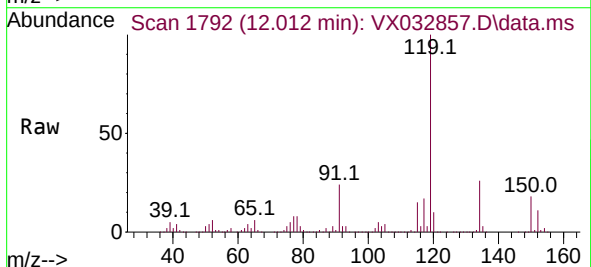
Manual Integrations
 APPROVED

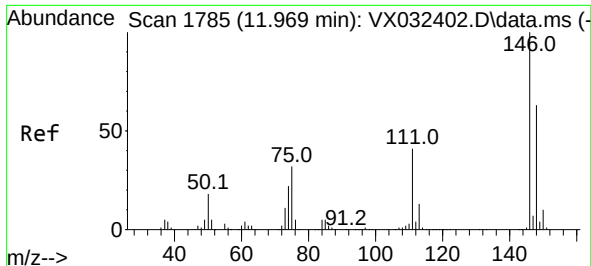
Reviewed By :John Carlone 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022



#86
 p-Isopropyltoluene
 Concen: 51.226 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032857.D
 Acq: 16 Nov 2022 09:39

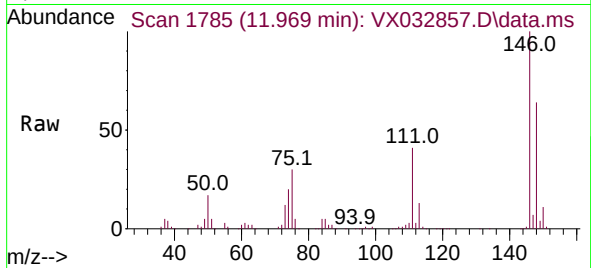
Tgt Ion:119 Resp: 265444
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 24.9 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 51.290 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

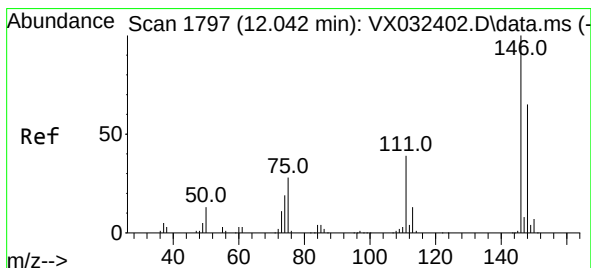
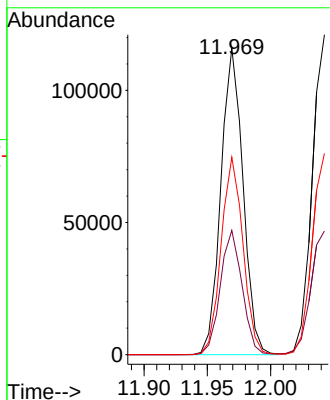
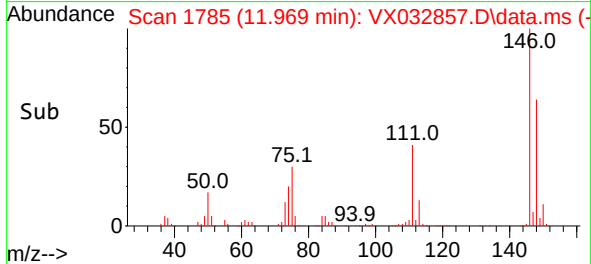
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



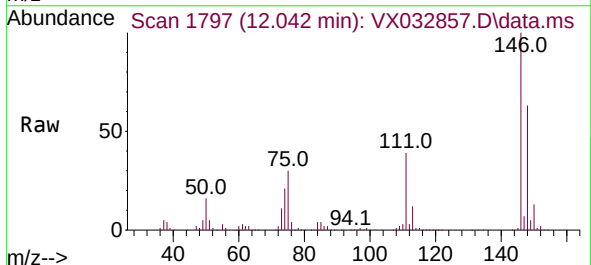
Tgt Ion:146 Resp: 141079
Ion Ratio Lower Upper
146 100
111 40.0 20.6 61.8
148 63.7 31.7 95.1

Manual Integrations
APPROVED

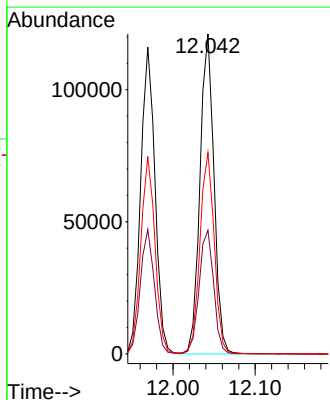
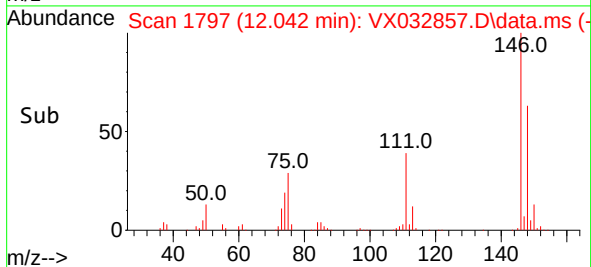
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

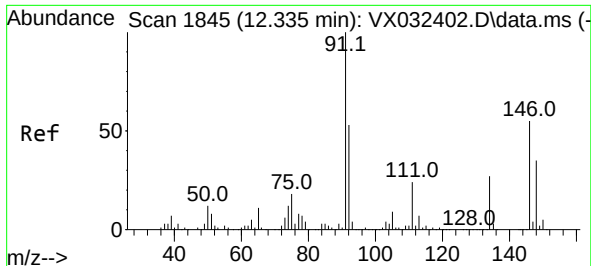


#88
1,4-Dichlorobenzene
Concen: 50.243 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39



Tgt Ion:146 Resp: 143372
Ion Ratio Lower Upper
146 100
111 40.2 20.5 61.6
148 64.1 32.2 96.6





#89

n-Butylbenzene

Concen: 49.133 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 221492

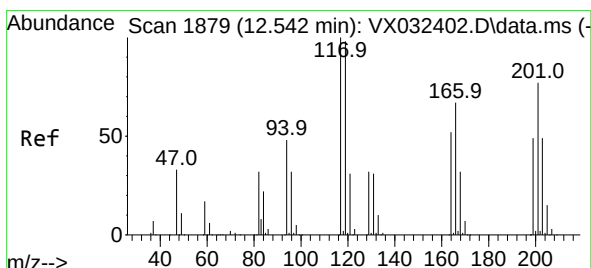
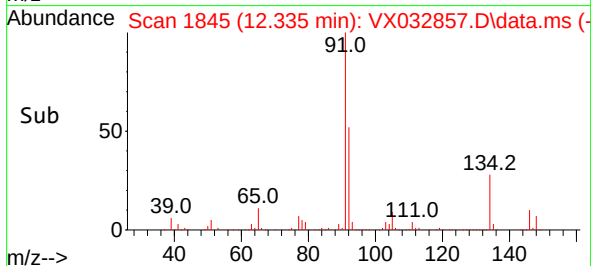
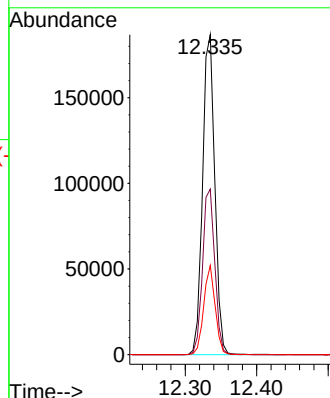
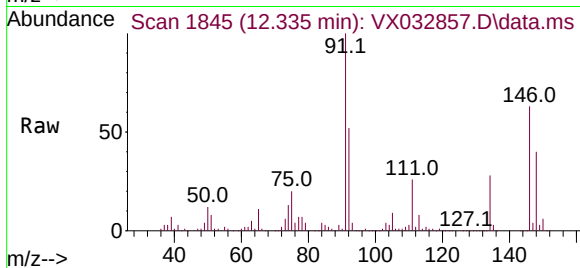
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.6
134	26.1	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2022

Supervised By :Mahesh Dadoda 11/16/2022



#90

Hexachloroethane

Concen: 49.949 ug/l

RT: 12.542 min Scan# 1879

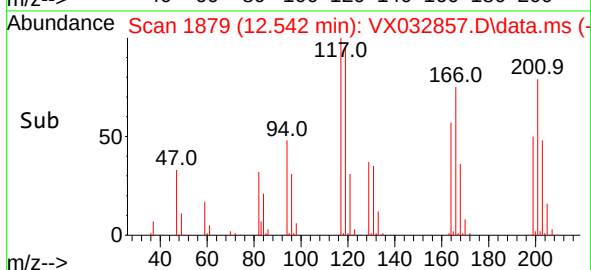
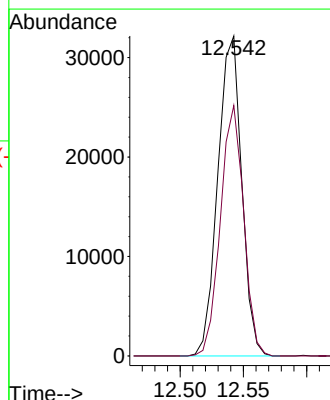
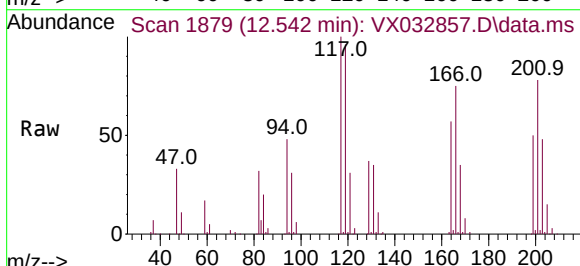
Delta R.T. 0.000 min

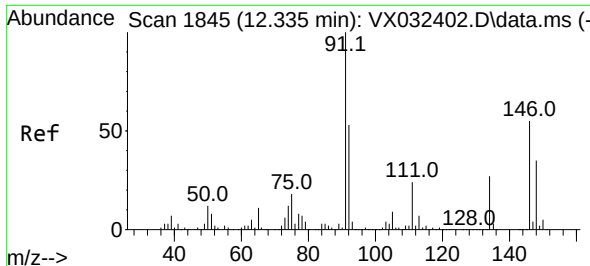
Lab File: VX032857.D

Acq: 16 Nov 2022 09:39

Tgt Ion:117 Resp: 42276

Ion	Ratio	Lower	Upper
117	100		
201	76.1	37.6	112.9





#91
1,2-Dichlorobenzene
Concen: 52.071 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Instrument :

MSVOA_X

ClientSampleId :

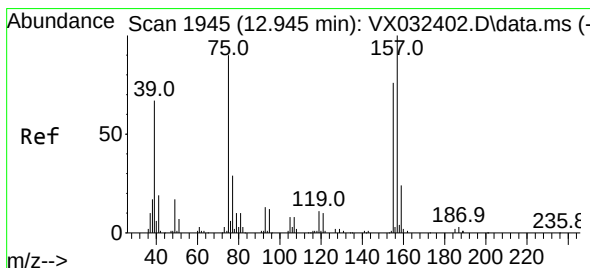
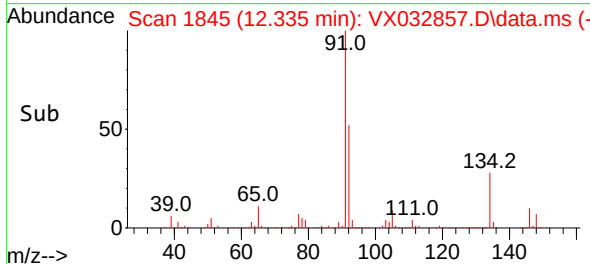
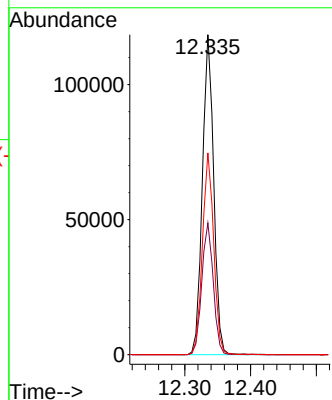
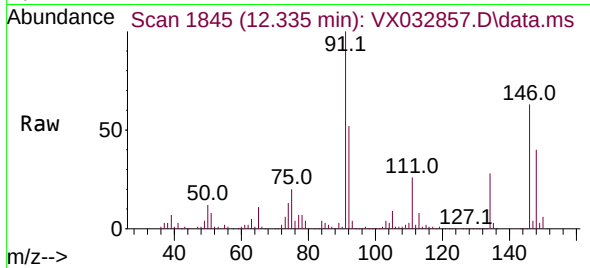
VSTDCCC050EC

Tgt Ion:146 Resp: 141228
Ion Ratio Lower Upper
146 100
111 41.8 21.5 64.5
148 62.9 32.0 96.2

Manual Integrations

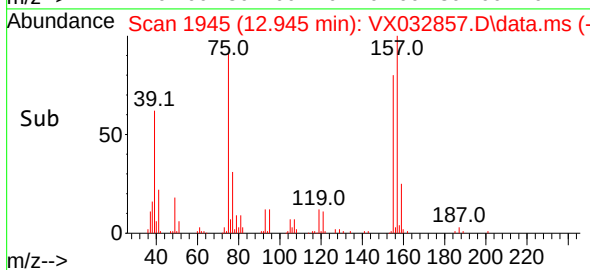
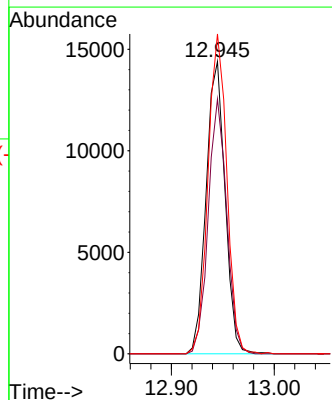
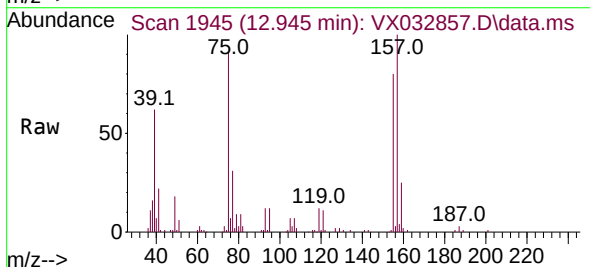
APPROVED

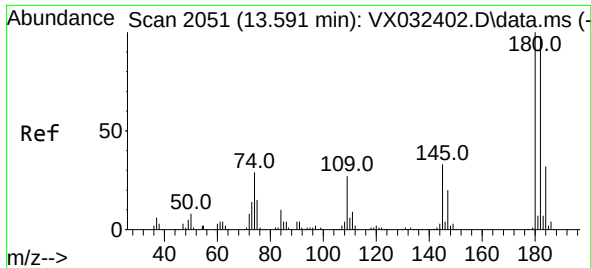
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.999 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

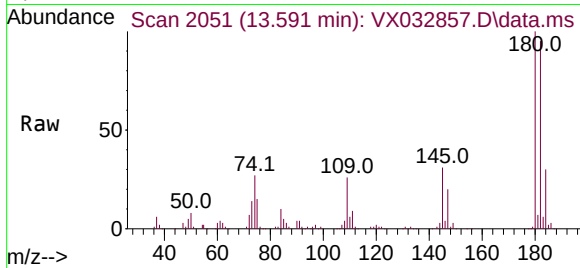
Tgt Ion: 75 Resp: 18418
Ion Ratio Lower Upper
75 100
155 84.8 41.6 124.8
157 108.8 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 48.106 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

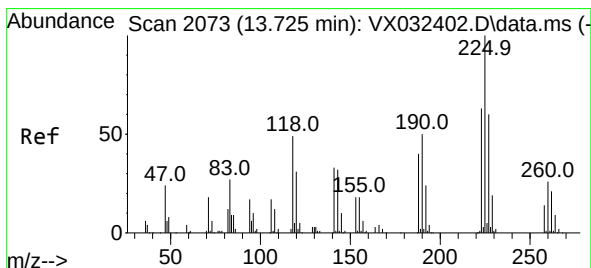
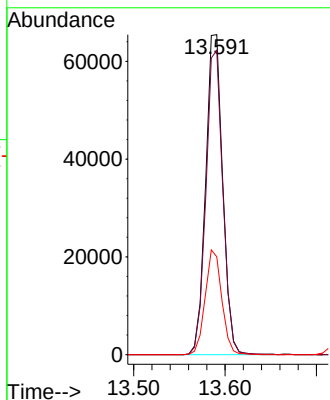
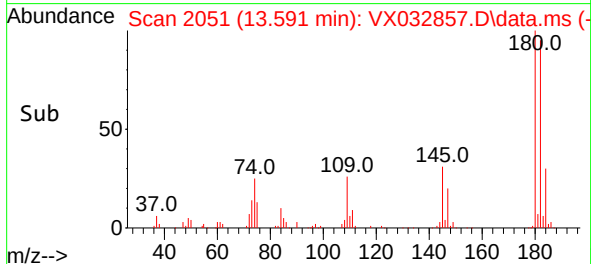
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



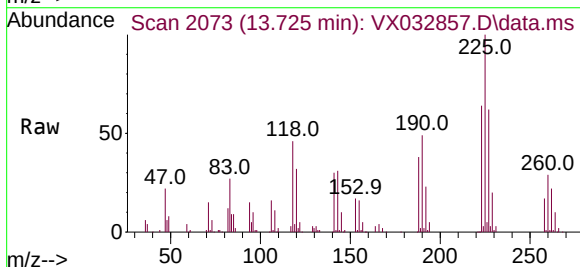
Tgt Ion:180 Resp: 85073
Ion Ratio Lower Upper
180 100
182 94.2 48.4 145.0
145 31.8 16.2 48.5

Manual Integrations
APPROVED

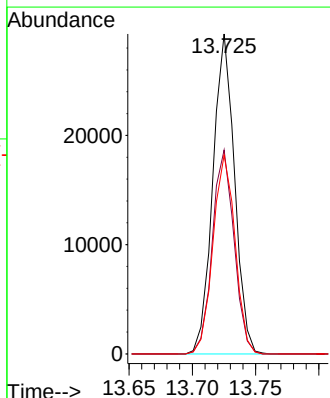
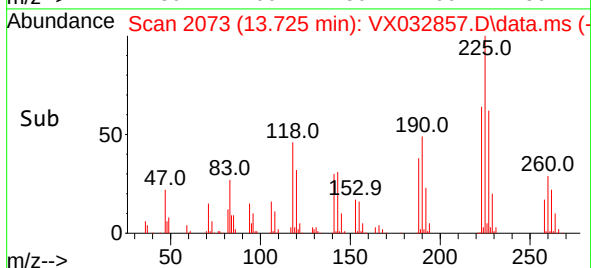
Reviewed By :John Carlone 11/16/2022
Supervised By :Mahesh Dadoda 11/16/2022

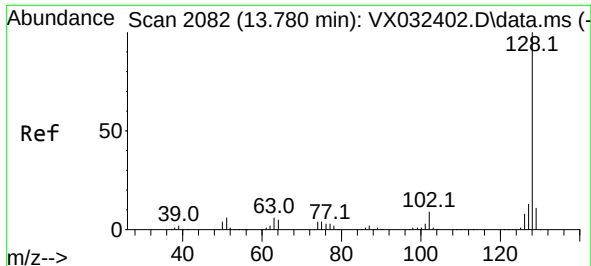


#94
Hexachlorobutadiene
Concen: 47.310 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39



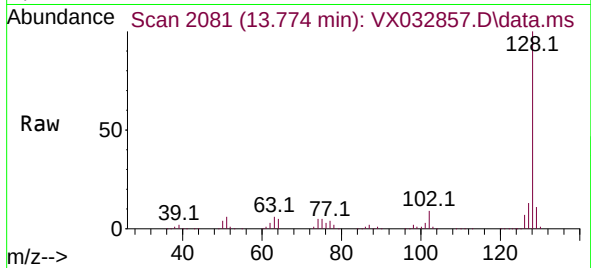
Tgt Ion:225 Resp: 34942
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.9
227 63.3 31.9 95.5





#95
Naphthalene
Concen: 47.432 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

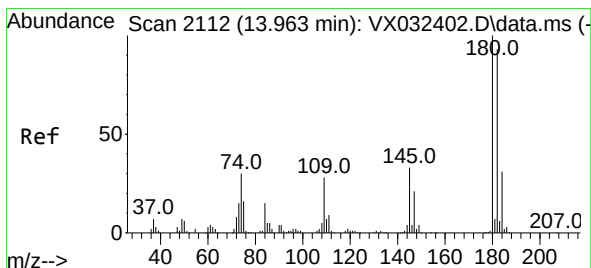
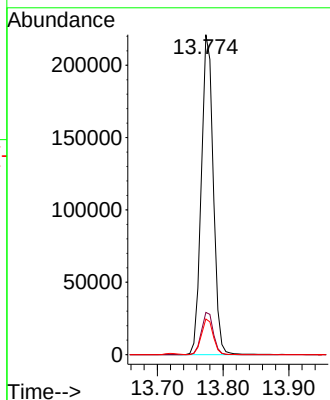
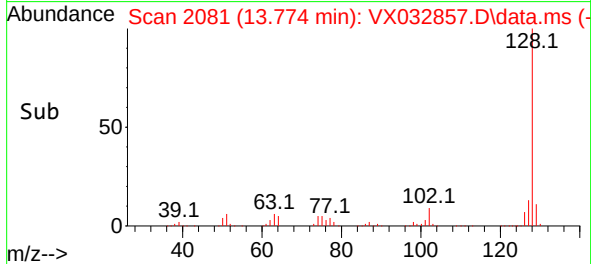
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 279498
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.9 13.3

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#96
1,2,3-Trichlorobenzene
Concen: 48.190 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032857.D
Acq: 16 Nov 2022 09:39

Tgt Ion:180 Resp: 86629
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.6
145 34.0 16.9 50.6

