

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035496.D
 Acq On : 03 May 2023 09:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2023
 Supervised By : Mahesh Dadoda 05/04/2023

Quant Time: May 03 15:16:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	203976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	332406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	145647	59.186	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.380%#			
35) Dibromofluoromethane	5.379	113	120286	58.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.920%			
50) Toluene-d8	8.647	98	417516	54.249	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.500%			
62) 4-Bromofluorobenzene	11.079	95	167978	58.019	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	98434	45.607	ug/l	99
3) Chloromethane	1.295	50	85464	43.528	ug/l	100
4) Vinyl Chloride	1.374	62	84502	42.911	ug/l	100
5) Bromomethane	1.618	94	57831	44.184	ug/l	98
6) Chloroethane	1.691	64	50641	43.970	ug/l	99
7) Trichlorofluoromethane	1.886	101	144398	46.890	ug/l	99
8) Diethyl Ether	2.130	74	58161	51.799	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	93139	45.283	ug/l	95
10) Methyl Iodide	2.453	142	117060	45.095	ug/l	96
11) Tert butyl alcohol	2.995	59	114759m	256.118	ug/l	
12) 1,1-Dichloroethene	2.319	96	91250	46.060	ug/l	98
13) Acrolein	2.240	56	152469	346.011	ug/l	99
14) Allyl chloride	2.660	41	169867	48.723	ug/l	98
15) Acrylonitrile	3.063	53	296751	264.797	ug/l	100
16) Acetone	2.392	43	309357	289.447	ug/l	97
17) Carbon Disulfide	2.514	76	207388	43.668	ug/l	99
18) Methyl Acetate	2.703	43	224298	54.270	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	390292	57.424	ug/l	98
20) Methylene Chloride	2.788	84	119946	48.944	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	104564	48.597	ug/l	92
22) Diisopropyl ether	3.758	45	360718	52.285	ug/l	88
23) Vinyl Acetate	3.715	43	1316354	277.581	ug/l	97
24) 1,1-Dichloroethane	3.605	63	202720	52.166	ug/l	99
25) 2-Butanone	4.556	43	415916	266.612	ug/l	93
26) 2,2-Dichloropropane	4.471	77	167568	55.040	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	132574	52.418	ug/l	94
28) Bromochloromethane	4.891	49	95340	57.570	ug/l #	81
29) Tetrahydrofuran	5.007	42	248383	248.374	ug/l	92
30) Chloroform	5.087	83	217689	55.490	ug/l	99
31) Cyclohexane	5.465	56	145026	41.545	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	181309	52.736	ug/l	97
36) 1,1-Dichloropropene	5.690	75	141041	44.273	ug/l	97
37) Ethyl Acetate	4.709	43	154415	53.071	ug/l	95
38) Carbon Tetrachloride	5.678	117	152894	50.557	ug/l	99
39) Methylcyclohexane	7.379	83	153337	39.543	ug/l	97
40) Benzene	6.032	78	452883	49.557	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	89617	53.753	ug/l	96
42) 1,2-Dichloroethane	6.086	62	175820	53.960	ug/l	97
43) Isopropyl Acetate	6.336	43	263135	53.822	ug/l #	94
44) Trichloroethene	7.123	130	125015	49.658	ug/l	99
45) 1,2-Dichloropropane	7.428	63	120438	52.274	ug/l	97
46) Dibromomethane	7.580	93	86025	54.372	ug/l	92
47) Bromodichloromethane	7.818	83	166921	57.262	ug/l	99
48) Methyl methacrylate	7.690	41	132777	55.365	ug/l	92
49) 1,4-Dioxane	7.708	88	52843	903.963	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	787198	262.080	ug/l	95
52) Toluene	8.714	92	291567	50.333	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	187086	61.455	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	204901	59.548	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	124777	54.033	ug/l	97
56) Ethyl methacrylate	9.116	69	195824	56.925	ug/l	89
57) 1,3-Dichloropropane	9.305	76	212220	53.729	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	539000	313.359	ug/l	93
59) 2-Hexanone	9.427	43	599576	265.712	ug/l	93
60) Dibromochloromethane	9.519	129	137821	62.291	ug/l	99
61) 1,2-Dibromoethane	9.610	107	132822	55.793	ug/l	99
64) Tetrachloroethene	9.275	164	104196	45.247	ug/l	95
65) Chlorobenzene	10.080	112	324813	49.917	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	128514	56.749	ug/l	98
67) Ethyl Benzene	10.195	91	558125	49.529	ug/l	98
68) m/p-Xylenes	10.299	106	426450	98.762	ug/l	100
69) o-Xylene	10.640	106	219214	51.772	ug/l	99
70) Styrene	10.653	104	369197	53.777	ug/l	97
71) Bromoform	10.799	173	100915	64.066	ug/l #	99
73) Isopropylbenzene	10.964	105	539096	49.346	ug/l	100
74) N-amyl acetate	10.842	43	227677	55.455	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	180977	53.371	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	153535m	51.500	ug/l	
77) Bromobenzene	11.195	156	147351	54.260	ug/l	90
78) n-propylbenzene	11.305	91	599245	47.760	ug/l	98
79) 2-Chlorotoluene	11.366	91	389090	49.626	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	468979	50.911	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	55773	60.591	ug/l	97
82) 4-Chlorotoluene	11.451	91	453037	51.446	ug/l	98
83) tert-Butylbenzene	11.713	119	454161	49.137	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	476846	51.519	ug/l	99
85) sec-Butylbenzene	11.890	105	513884	45.327	ug/l	99
86) p-Isopropyltoluene	12.006	119	461272	47.838	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	269461	52.212	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	271282	50.135	ug/l	99
89) n-Butylbenzene	12.335	91	367701	45.173	ug/l	98
90) Hexachloroethane	12.536	117	77133	52.257	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	262678	50.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39370	57.902	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	162355	50.040	ug/l	98
94) Hexachlorobutadiene	13.725	225	62319	43.765	ug/l	98
95) Naphthalene	13.774	128	548859	54.950	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	159701	48.896	ug/l	99

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VSTDCCC050

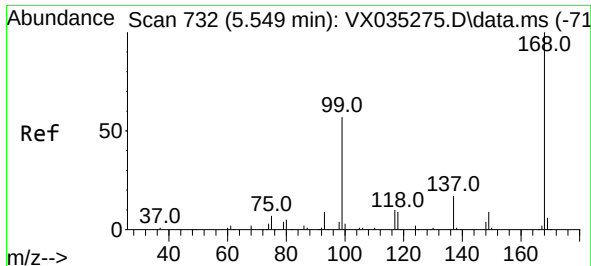
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

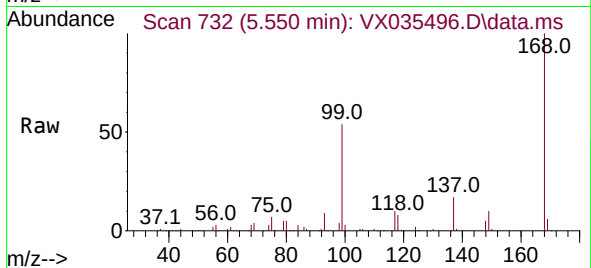
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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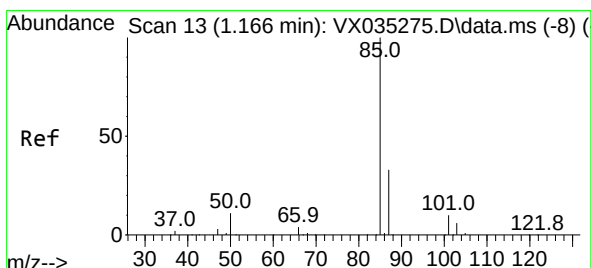
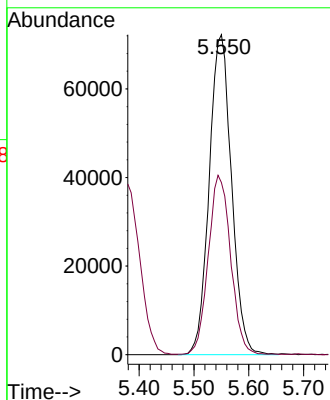
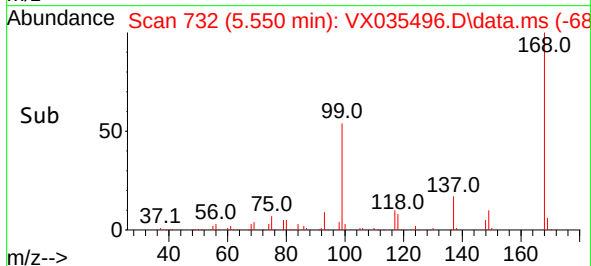
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 203970
Ion Ratio Lower Upper
168 100
99 53.7 45.7 68.5

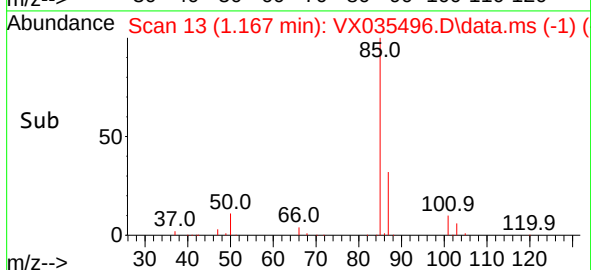
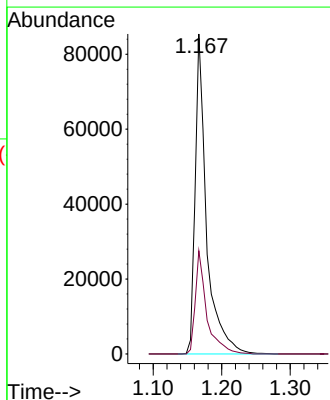
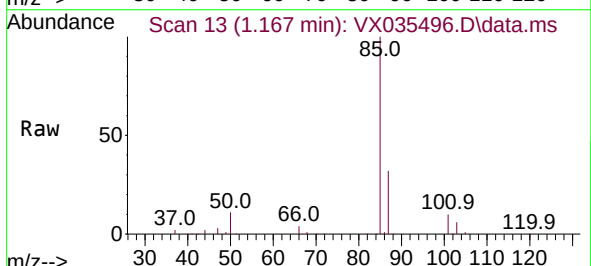
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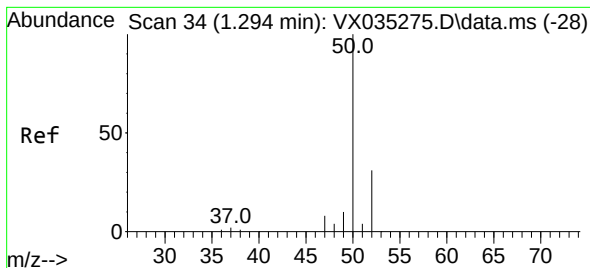
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#2
Dichlorodifluoromethane
Concen: 45.607 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Tgt Ion: 85 Resp: 98434
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.1





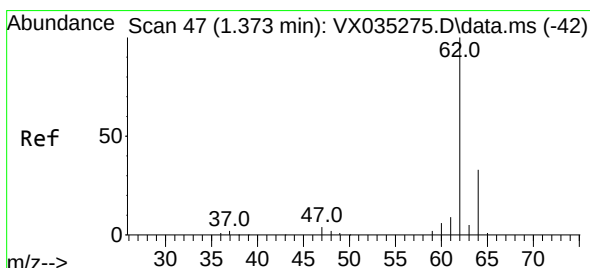
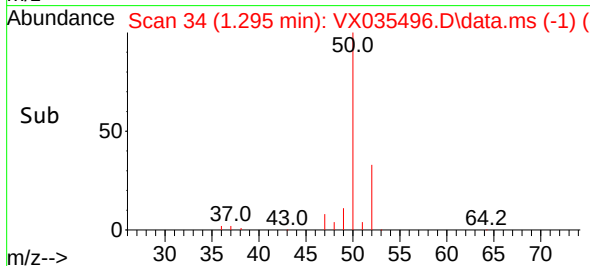
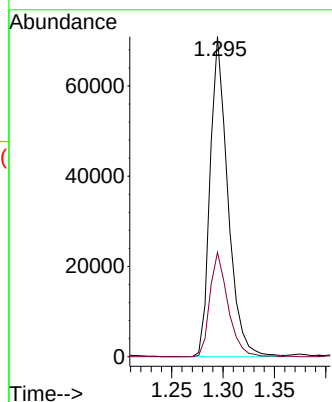
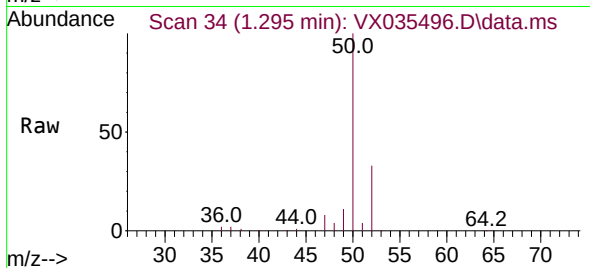
#3
Chloromethane
Concen: 43.528 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 85464
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9

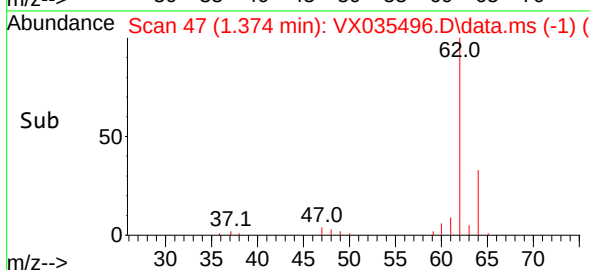
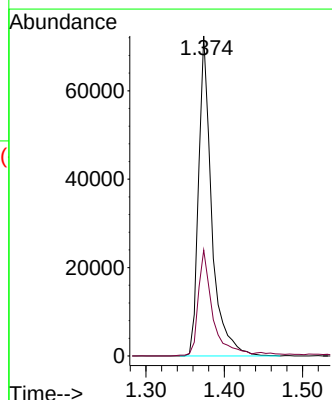
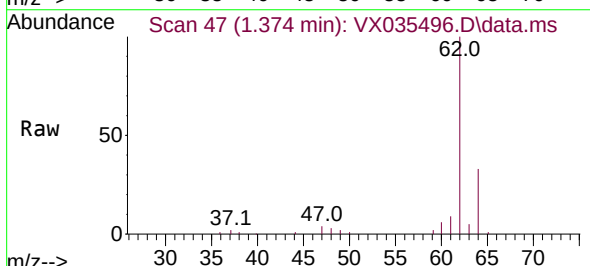
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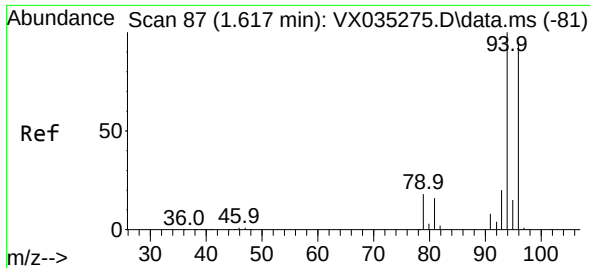
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#4
Vinyl Chloride
Concen: 42.911 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

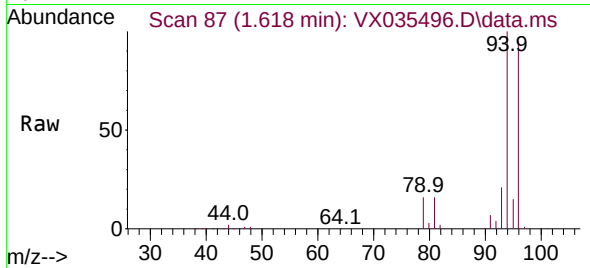
Tgt Ion: 62 Resp: 84502
Ion Ratio Lower Upper
62 100
64 32.8 26.4 39.6





#5
Bromomethane
Concen: 44.184 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

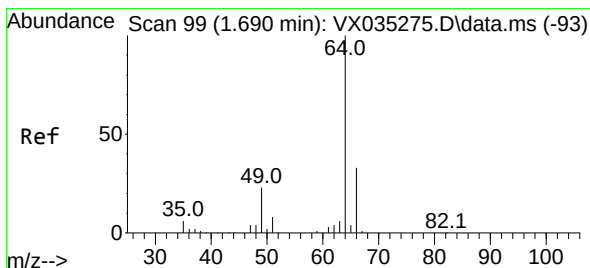
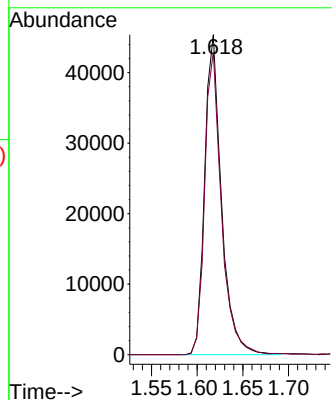
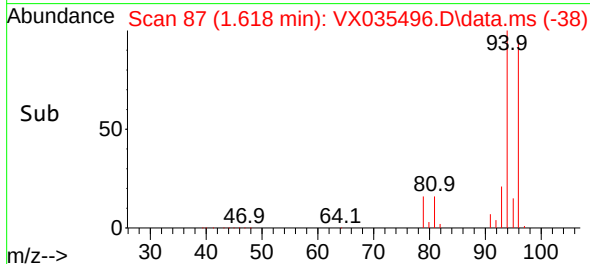
Instrument :
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Tgt Ion: 94 Resp: 5783
Ion Ratio Lower Upper
94 100
96 94.7 77.0 115.6

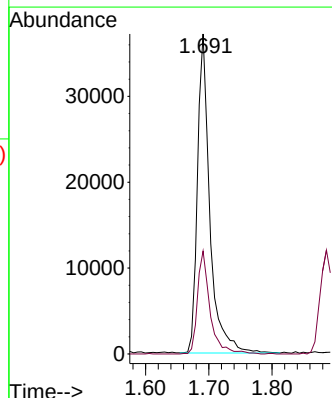
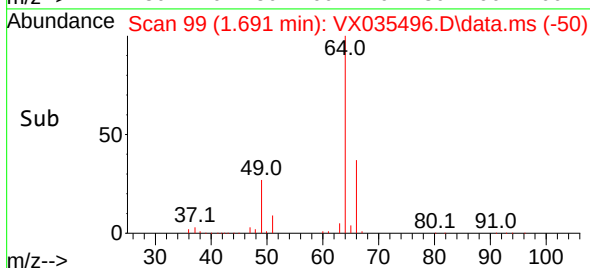
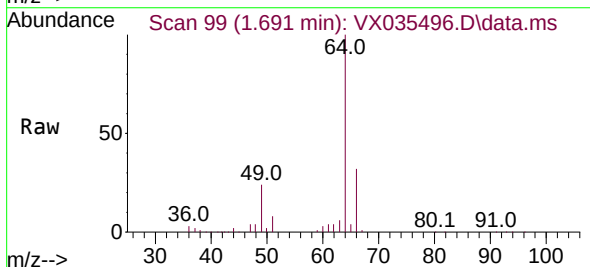
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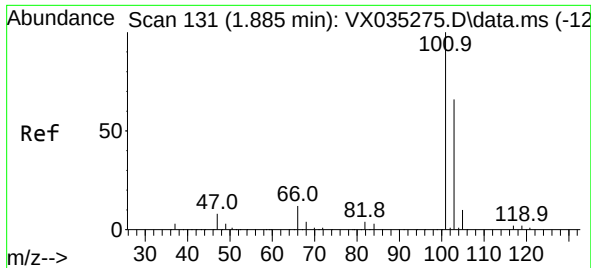
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#6
Chloroethane
Concen: 43.970 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035496.D
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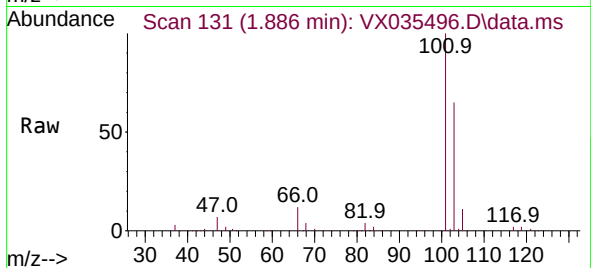
Tgt Ion: 64 Resp: 50641
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 46.890 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035496.D
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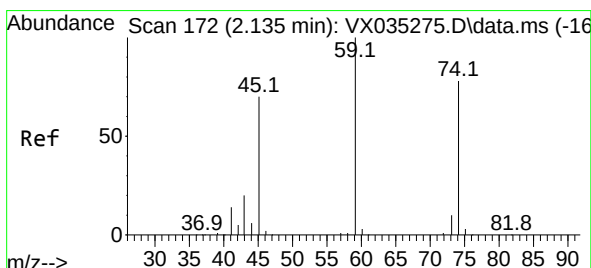
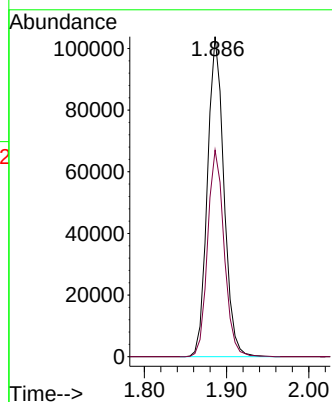
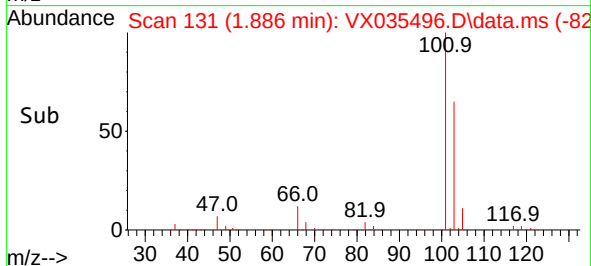
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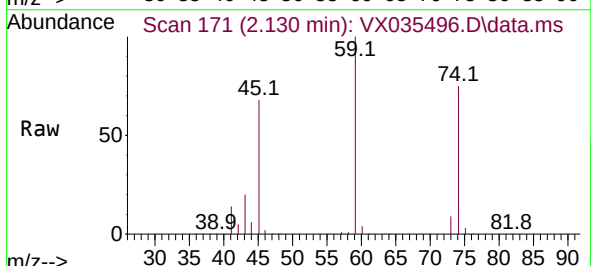
Tgt Ion:101 Resp: 144398
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

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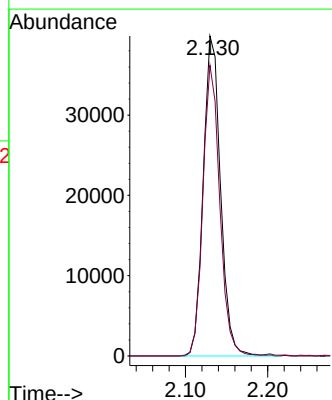
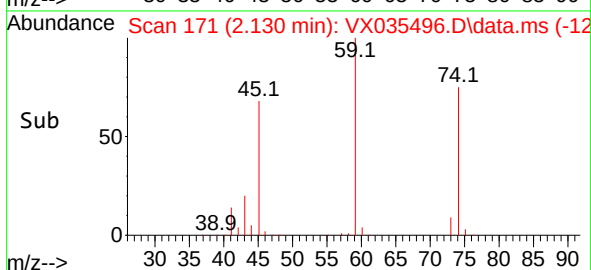
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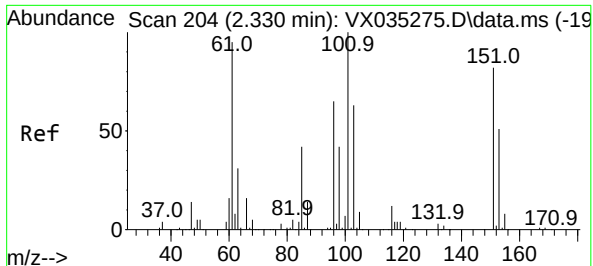


#8
Diethyl Ether
Concen: 51.799 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX035496.D
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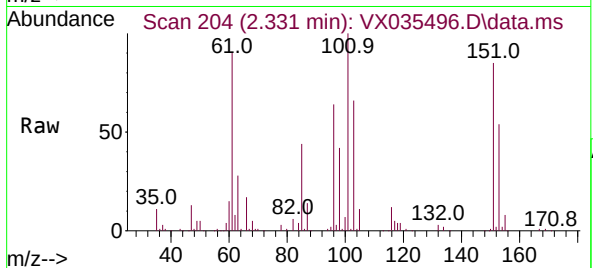
Tgt Ion: 74 Resp: 58161
Ion Ratio Lower Upper
74 100
45 88.9 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.283 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
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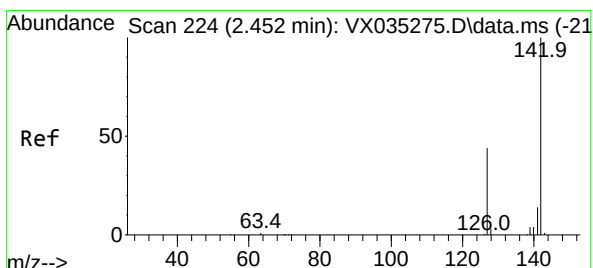
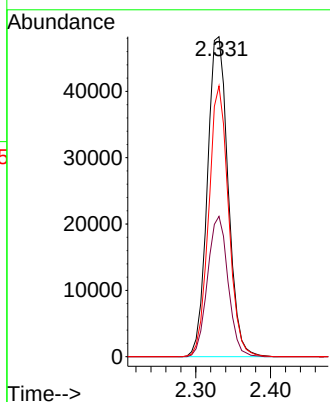
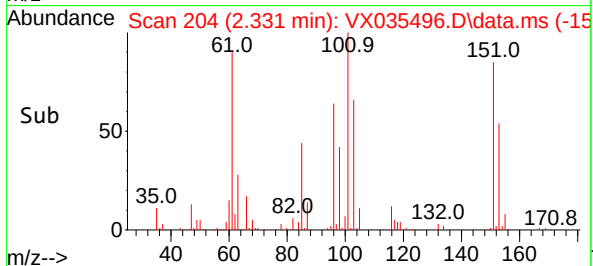
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ClientSampleId :
VSTDCCC050



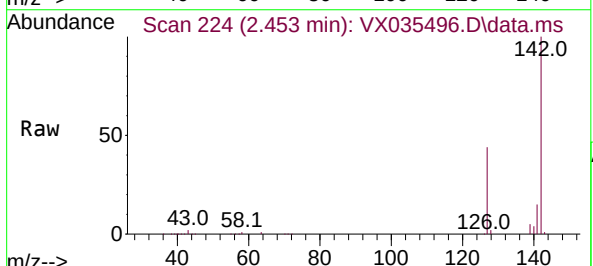
Tgt Ion:101 Resp: 93139
Ion Ratio Lower Upper
101 100
85 43.4 35.4 53.2
151 80.8 60.2 90.4

Manual Integrations
APPROVED

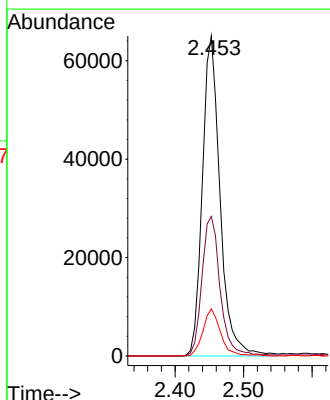
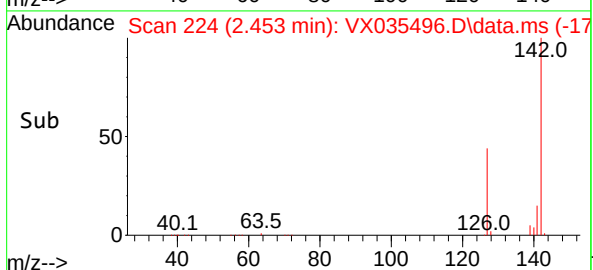
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

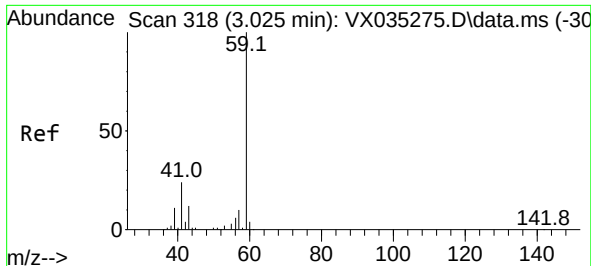


#10
Methyl Iodide
Concen: 45.095 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37



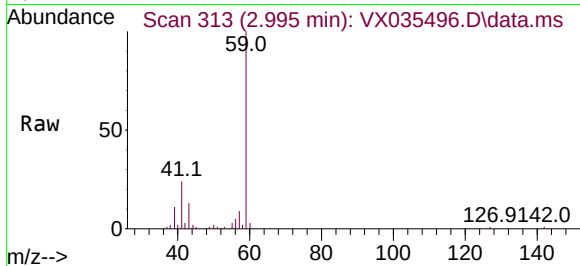
Tgt Ion:142 Resp: 117060
Ion Ratio Lower Upper
142 100
127 45.1 34.0 51.0
141 14.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 256.118 ug/l m
RT: 2.995 min Scan# 318
Delta R.T. -0.030 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

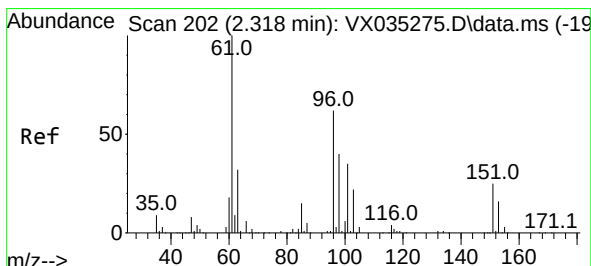
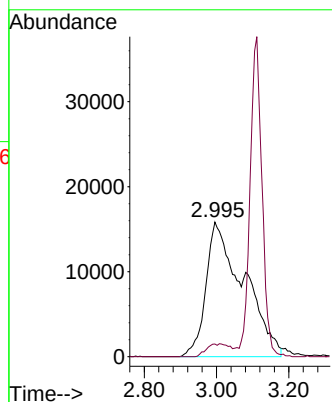
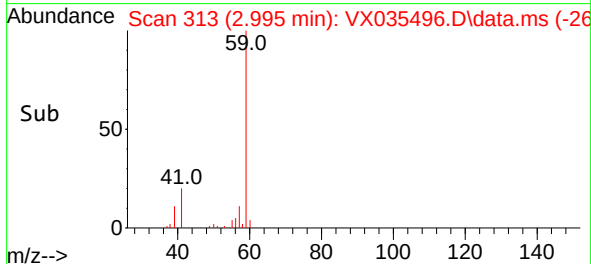
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 114759
Ion Ratio Lower Upper
59 100
57 2.9 8.1 12.1

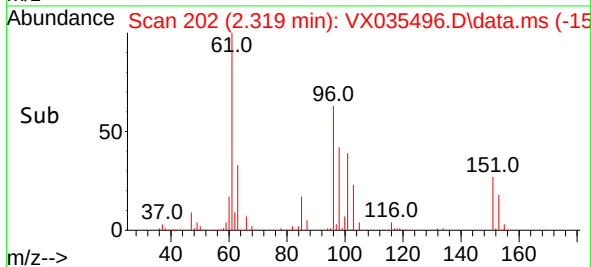
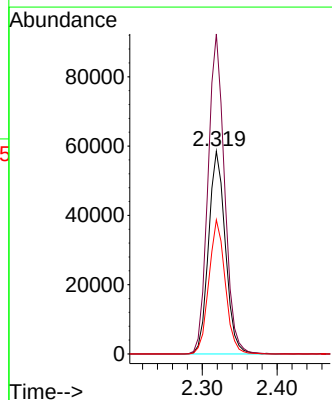
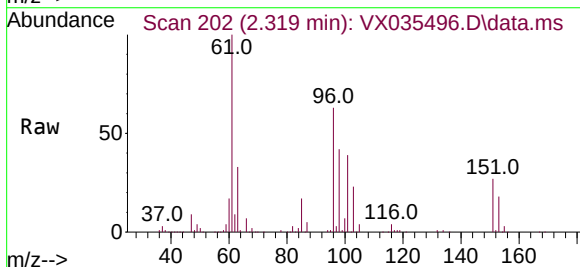
Manual Integrations
APPROVED

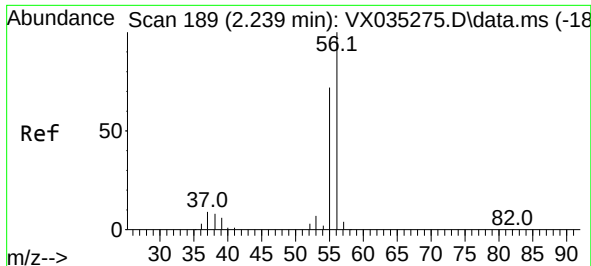
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#12
1,1-Dichloroethene
Concen: 46.060 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

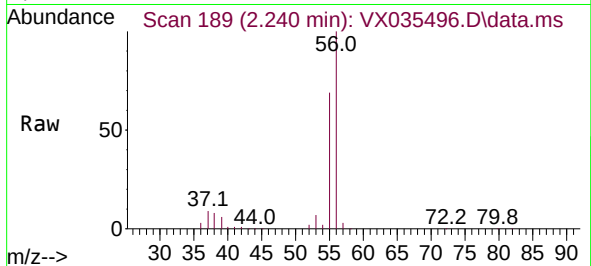
Tgt Ion: 96 Resp: 91250
Ion Ratio Lower Upper
96 100
61 157.8 128.8 193.2
98 66.1 51.4 77.0





#13
Acrolein
Concen: 346.011 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

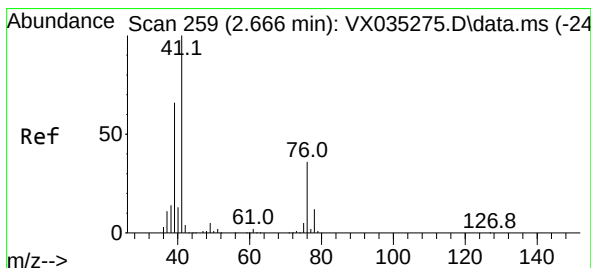
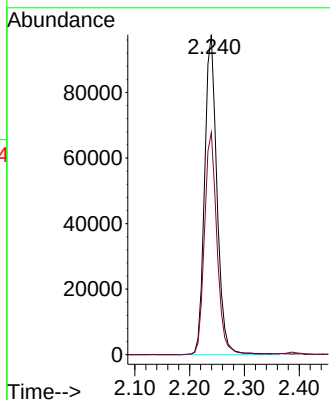
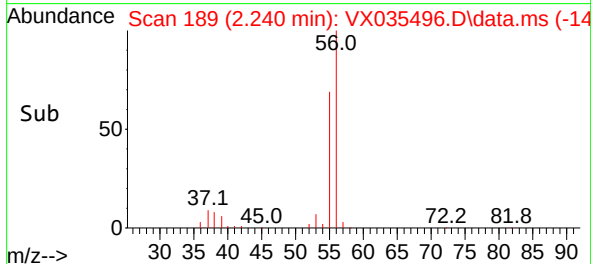
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



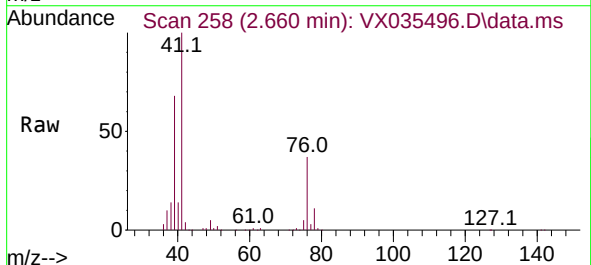
Tgt Ion: 56 Resp: 152469
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0

Manual Integrations
APPROVED

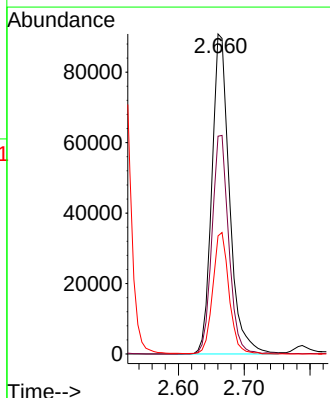
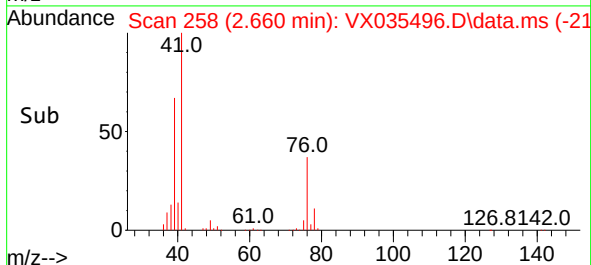
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

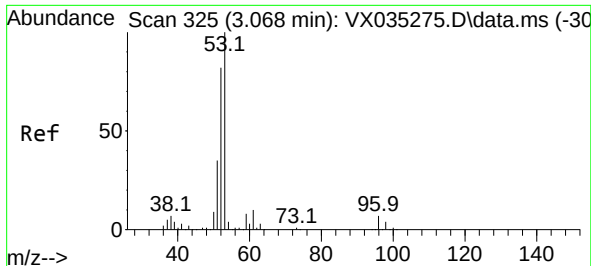


#14
Allyl chloride
Concen: 48.723 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37



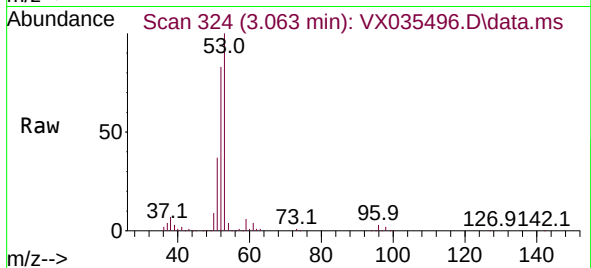
Tgt Ion: 41 Resp: 169867
Ion Ratio Lower Upper
41 100
39 65.0 52.4 78.6
76 35.0 26.0 39.0





#15
Acrylonitrile
Concen: 264.797 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.005 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

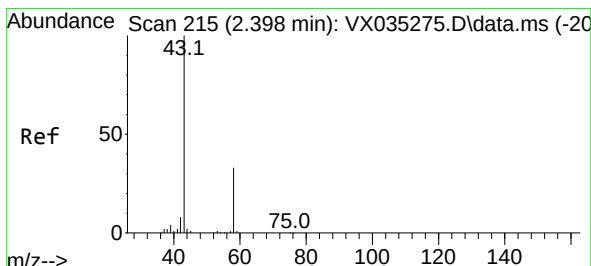
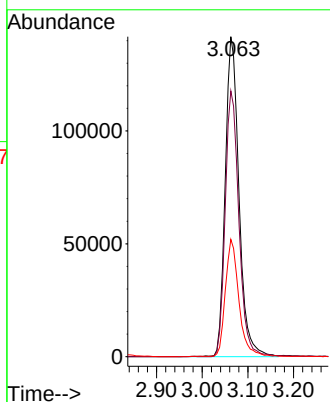
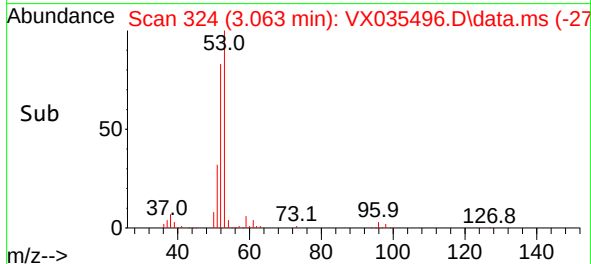
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



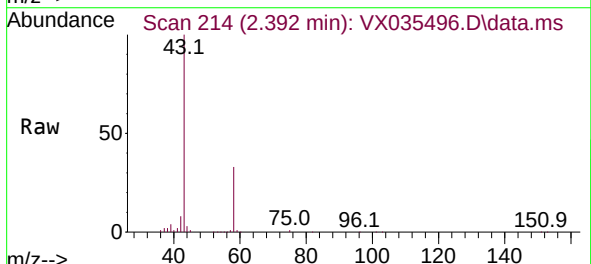
Tgt Ion: 53 Resp: 29675
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 35.9 28.3 42.5

Manual Integrations
APPROVED

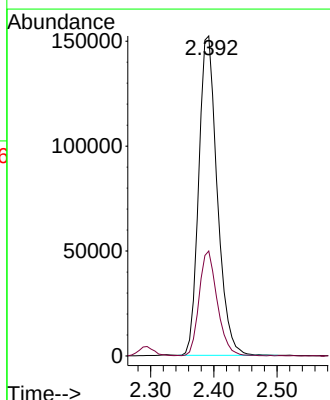
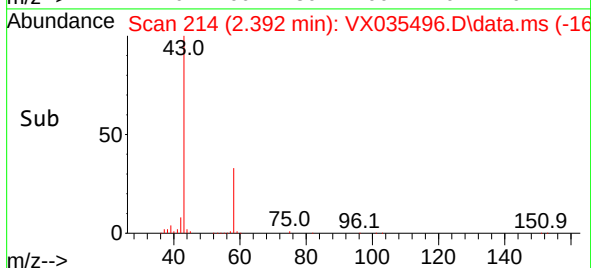
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

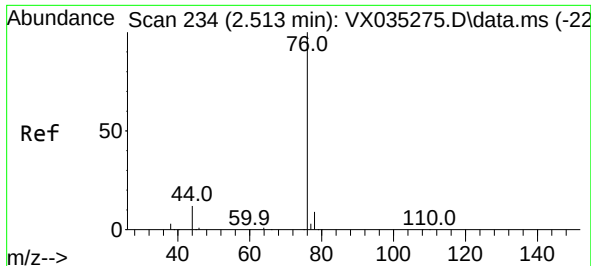


#16
Acetone
Concen: 289.447 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37



Tgt Ion: 43 Resp: 309357
Ion Ratio Lower Upper
43 100
58 32.8 24.7 37.1





#17

Carbon Disulfide

Concen: 43.668 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 20738

Ion Ratio Lower Upper

76 100

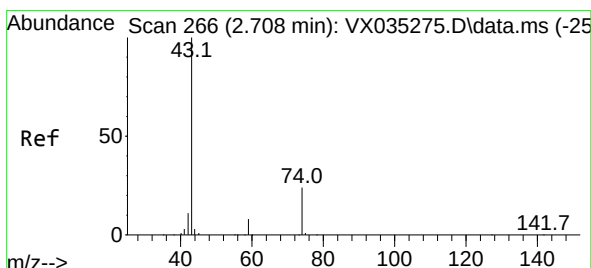
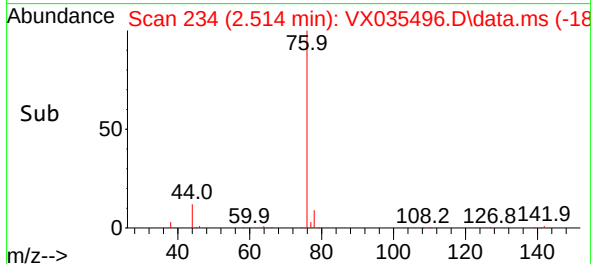
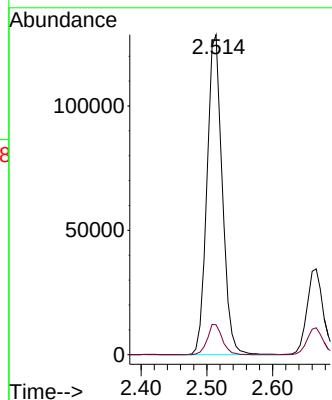
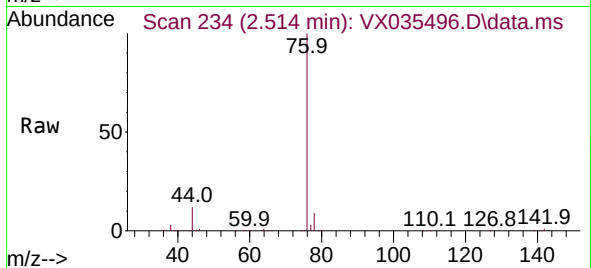
78 9.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#18

Methyl Acetate

Concen: 54.270 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.005 min

Lab File: VX035496.D

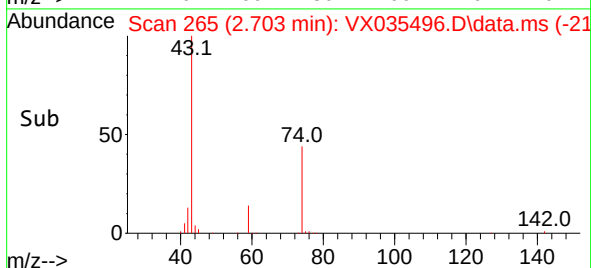
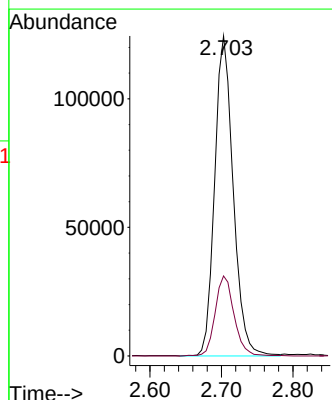
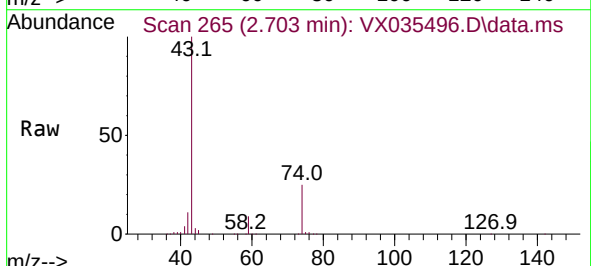
Acq: 03 May 2023 09:37

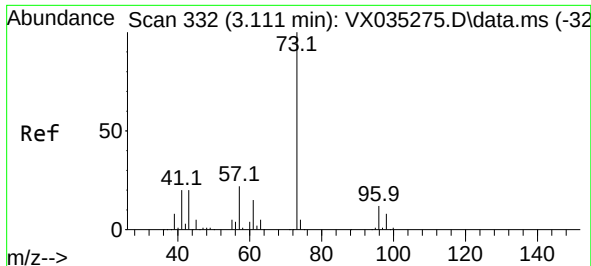
Tgt Ion: 43 Resp: 224298

Ion Ratio Lower Upper

43 100

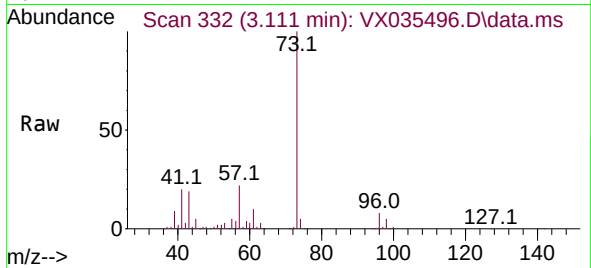
74 25.5 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 57.424 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

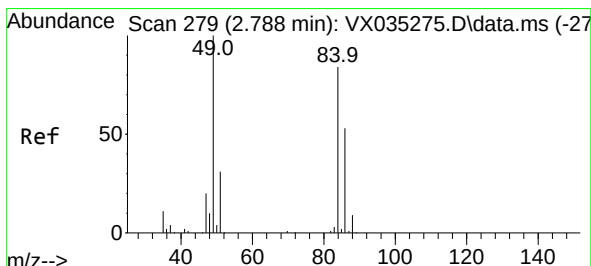
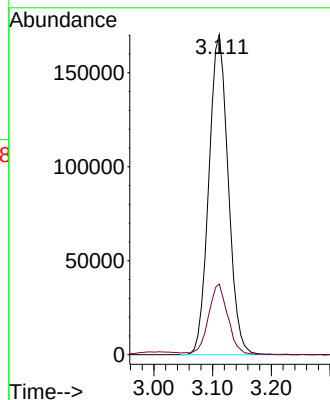
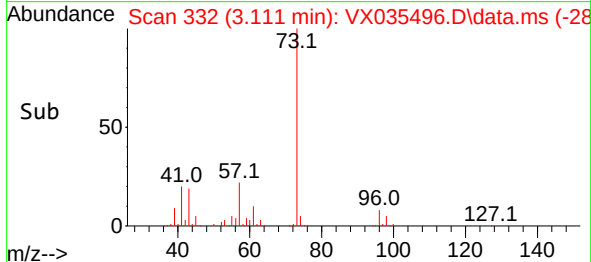
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 390292
Ion Ratio Lower Upper
73 100
57 22.1 18.5 27.7

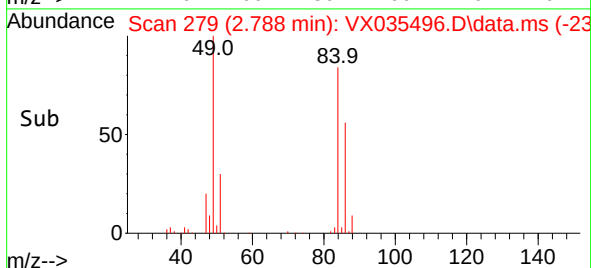
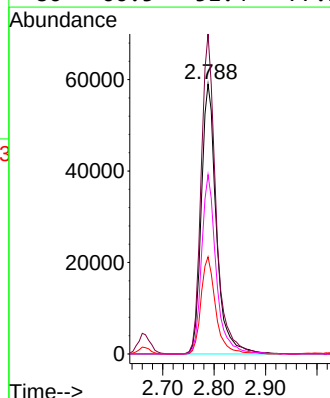
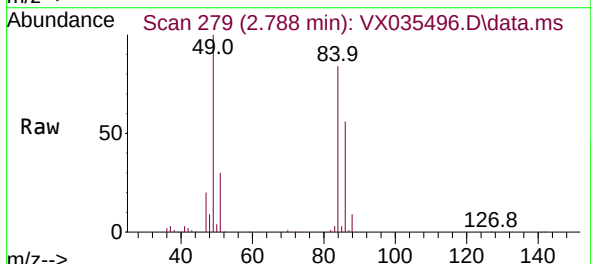
Manual Integrations
APPROVED

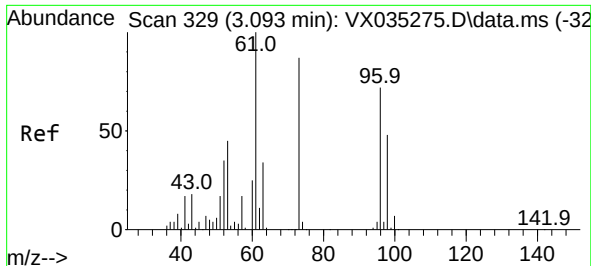
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#20
Methylene Chloride
Concen: 48.944 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

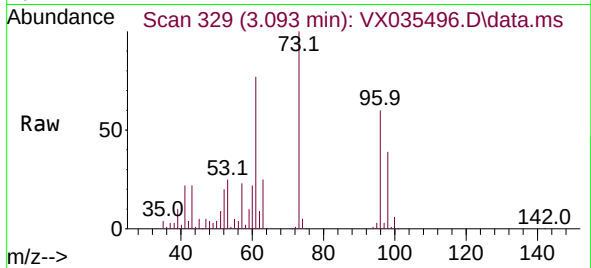
Tgt Ion: 84 Resp: 119946
Ion Ratio Lower Upper
84 100
49 118.5 103.8 155.8
51 36.0 31.8 47.8
86 66.5 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 48.597 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

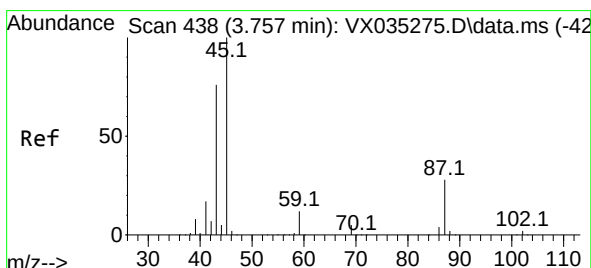
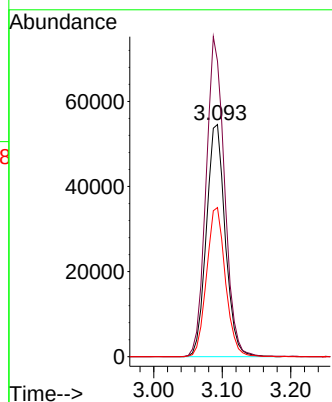
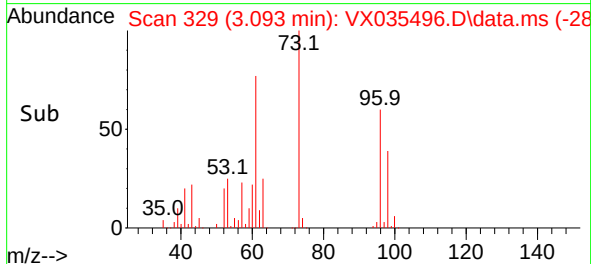
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



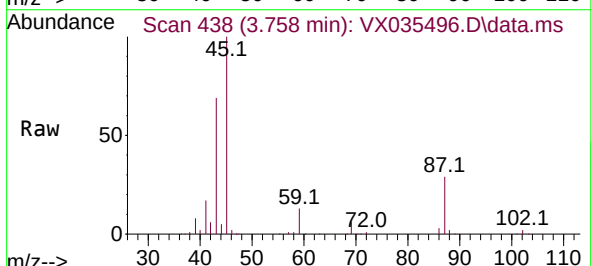
Tgt Ion: 96 Resp: 104564
Ion Ratio Lower Upper
96 100
61 127.3 113.0 169.6
98 64.2 52.1 78.1

Manual Integrations
APPROVED

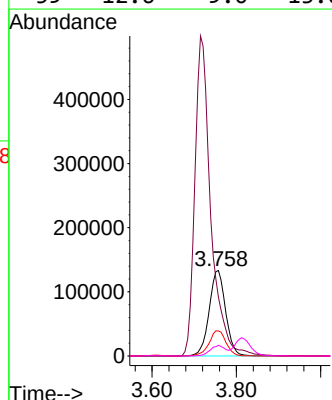
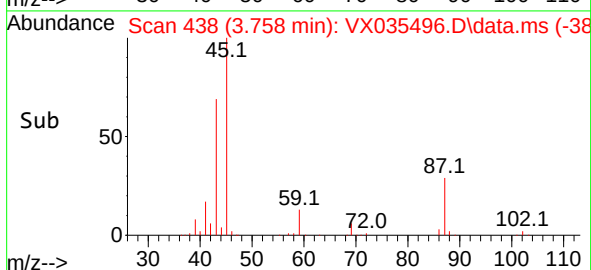
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

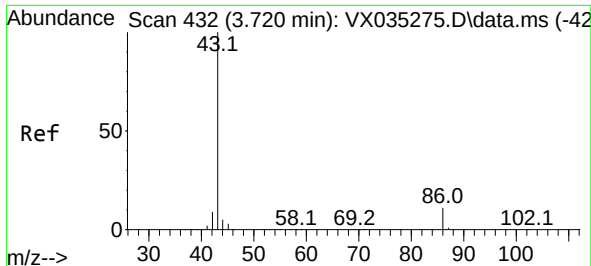


#22
Diisopropyl ether
Concen: 52.285 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37



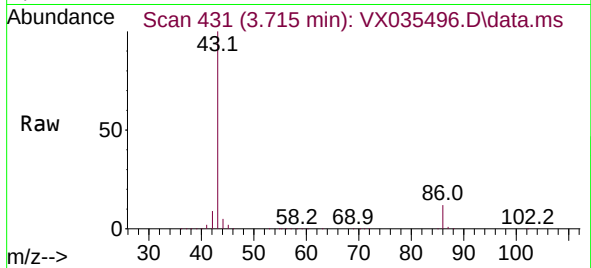
Tgt Ion: 45 Resp: 360718
Ion Ratio Lower Upper
45 100
43 68.6 65.4 98.2
87 29.3 20.6 31.0
59 12.6 9.0 13.6





#23
 Vinyl Acetate
 Concen: 277.581 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.005 min
 Lab File: VX035496.D
 Acq: 03 May 2023 09:37

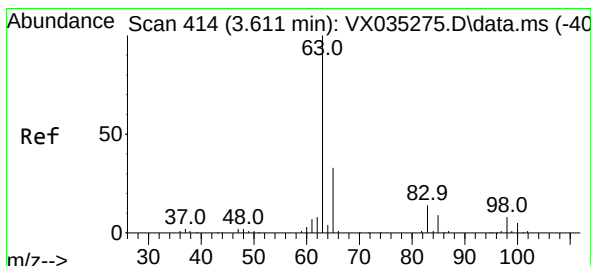
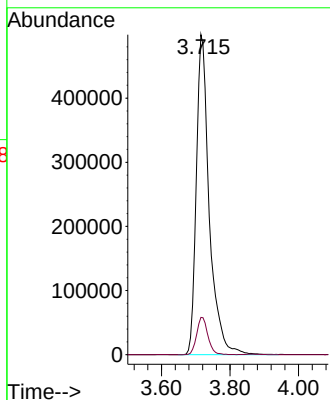
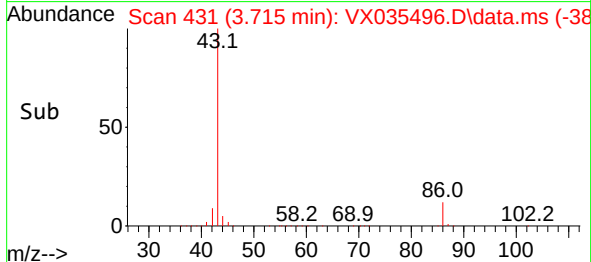
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



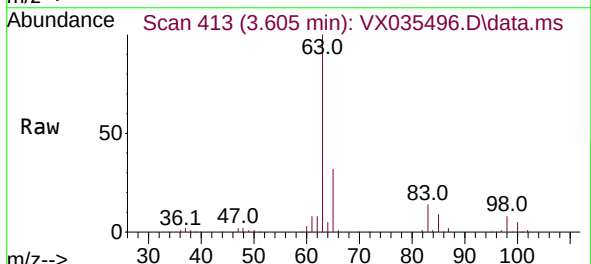
Tgt Ion: 43 Resp: 1316354
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.5 12.7

Manual Integrations
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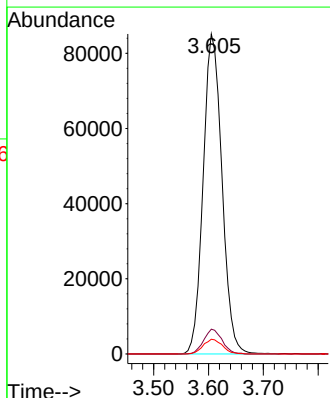
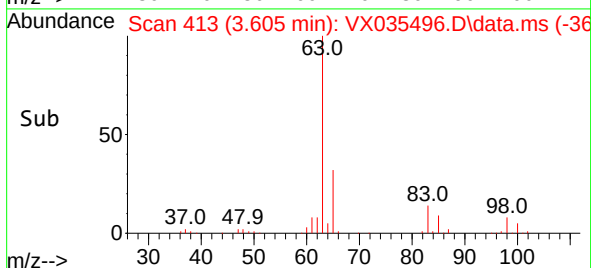
Reviewed By :John Carlone 05/03/2023
 Supervised By :Mahesh Dadoda 05/04/2023

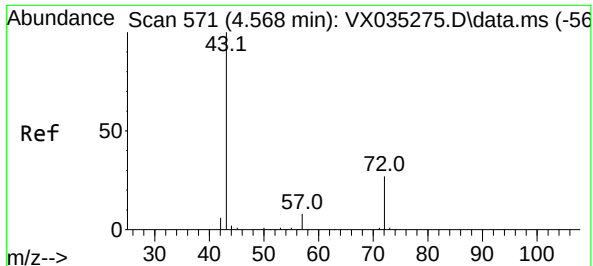


#24
 1,1-Dichloroethane
 Concen: 52.166 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035496.D
 Acq: 03 May 2023 09:37



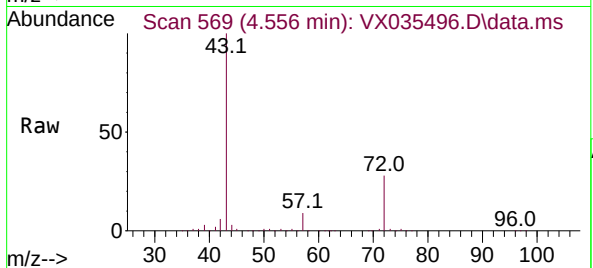
Tgt Ion: 63 Resp: 202720
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.2
 100 4.6 2.4 7.1





#25
2-Butanone
Concen: 266.612 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

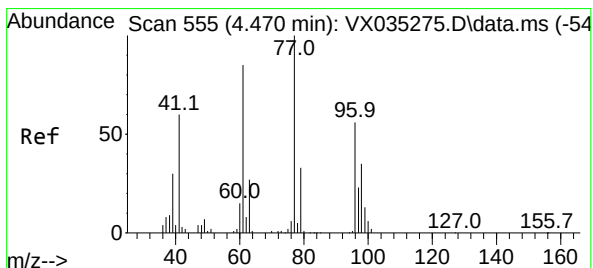
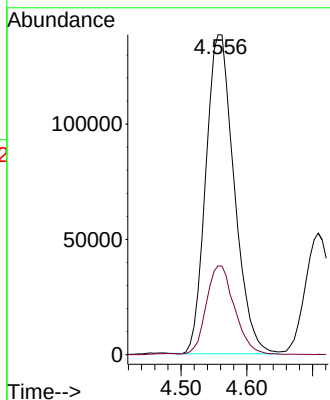
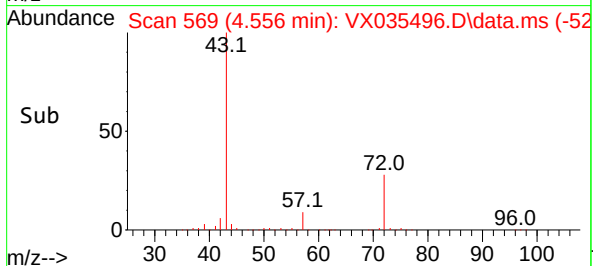
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 415910
Ion Ratio Lower Upper
43 100
72 27.6 19.3 28.9

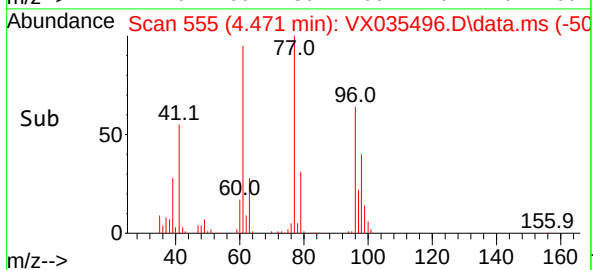
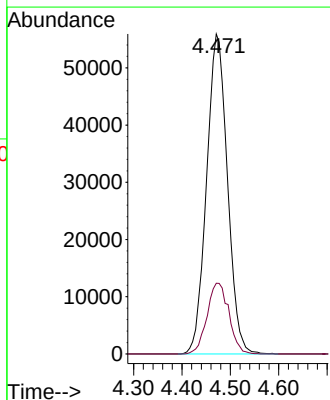
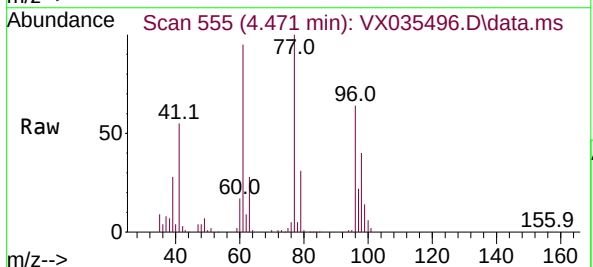
Manual Integrations
APPROVED

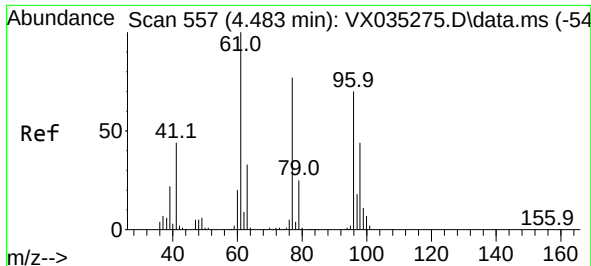
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#26
2,2-Dichloropropane
Concen: 55.040 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

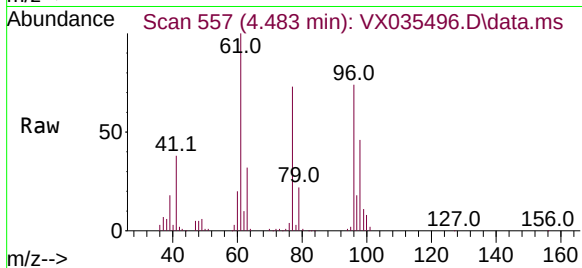
Tgt Ion: 77 Resp: 167568
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 52.418 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX035496.D
 Acq: 03 May 2023 09:37

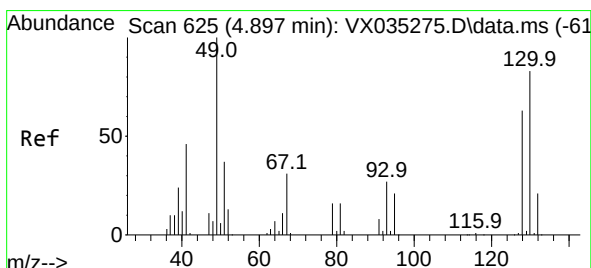
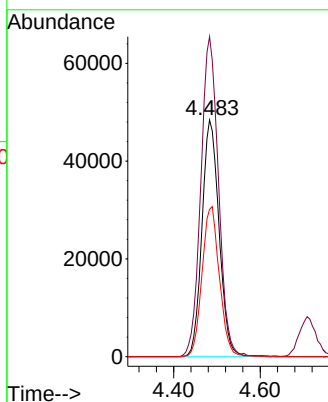
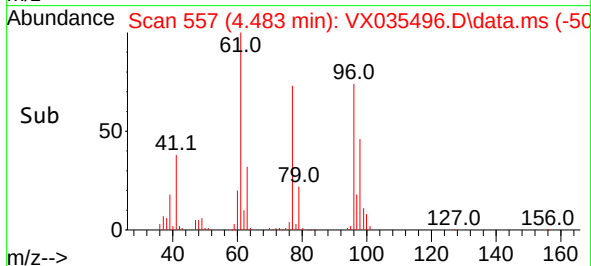
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 132574
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 300.4
 98 64.4 0.0 129.0

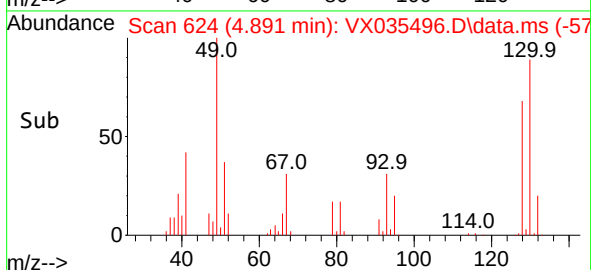
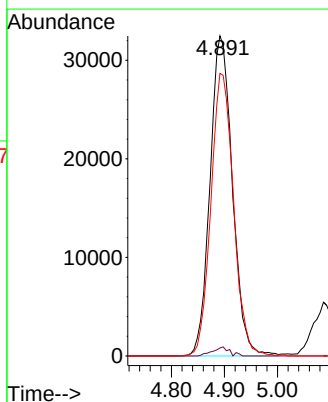
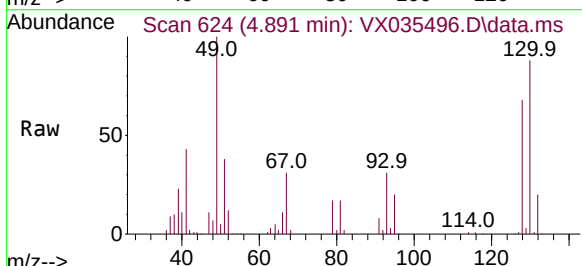
Manual Integrations
 APPROVED

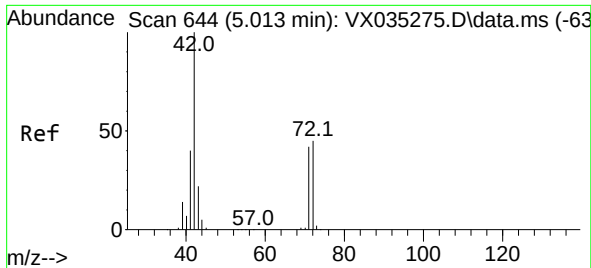
Reviewed By :John Carlone 05/03/2023
 Supervised By :Mahesh Dadoda 05/04/2023



#28
 Bromochloromethane
 Concen: 57.570 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX035496.D
 Acq: 03 May 2023 09:37

Tgt Ion: 49 Resp: 95340
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 88.9 58.2 87.2#





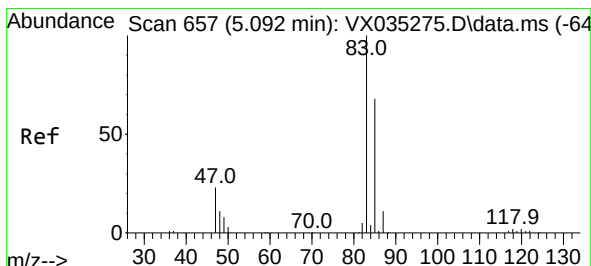
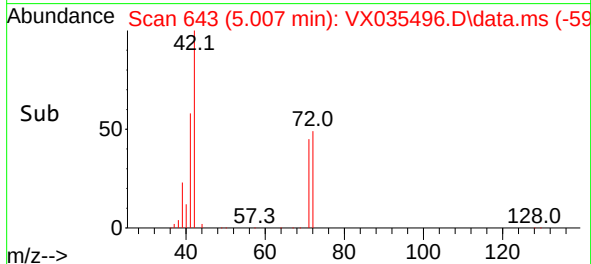
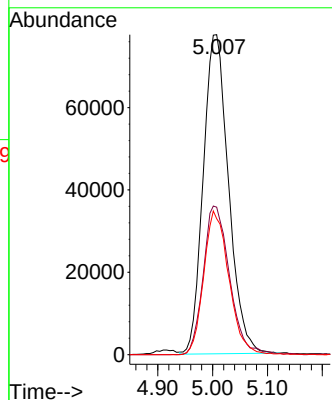
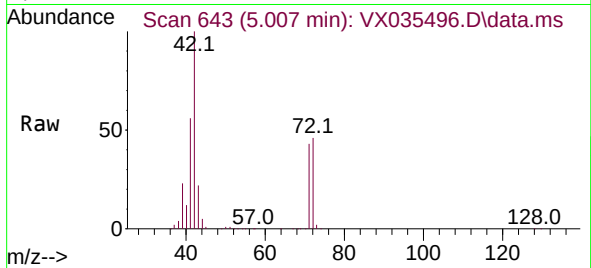
#29
Tetrahydrofuran
Concen: 248.374 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 24838
Ion Ratio Lower Upper
42 100
72 48.4 34.5 51.7
71 44.9 32.1 48.1

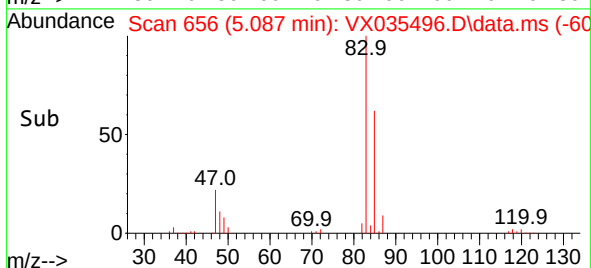
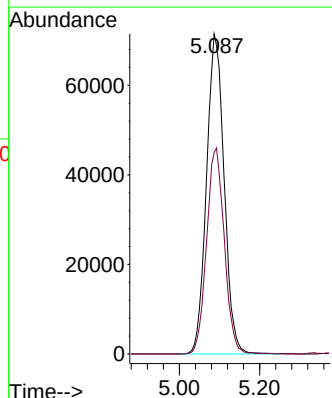
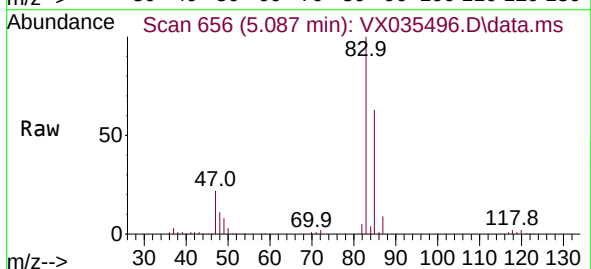
Manual Integrations
APPROVED

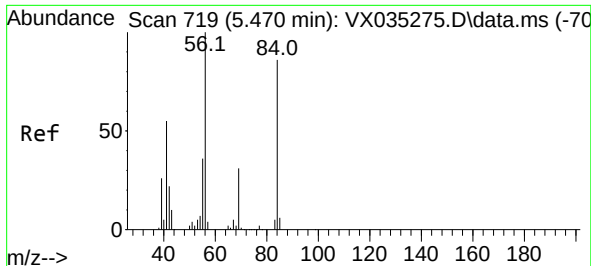
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#30
Chloroform
Concen: 55.490 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.005 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

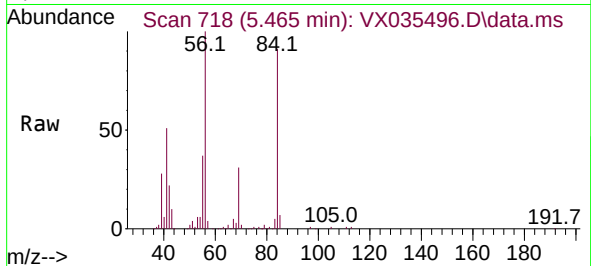
Tgt Ion: 83 Resp: 217689
Ion Ratio Lower Upper
83 100
85 62.9 50.6 76.0





#31
Cyclohexane
Concen: 41.545 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.005 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

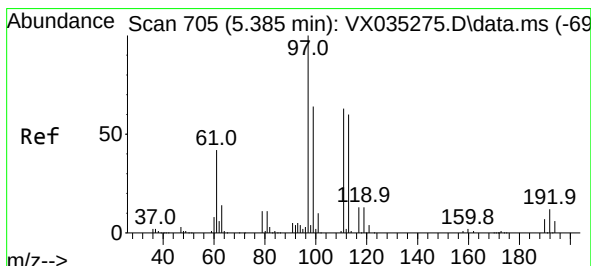
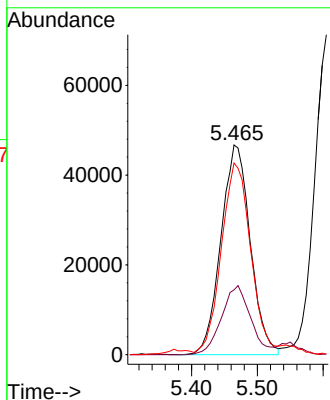
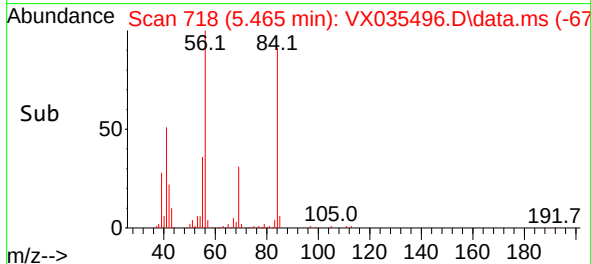
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



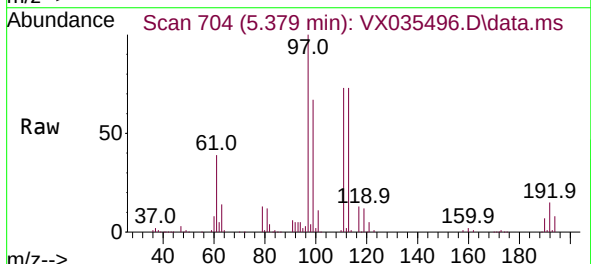
Tgt Ion: 56 Resp: 145020
Ion Ratio Lower Upper
56 100
69 30.9 23.7 35.5
84 89.5 68.5 102.7

Manual Integrations
APPROVED

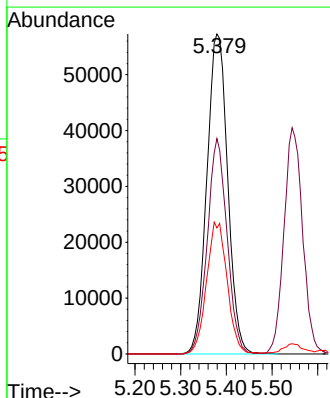
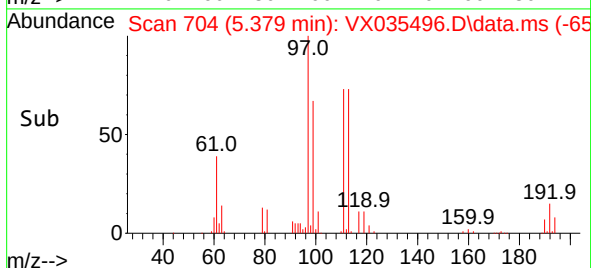
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

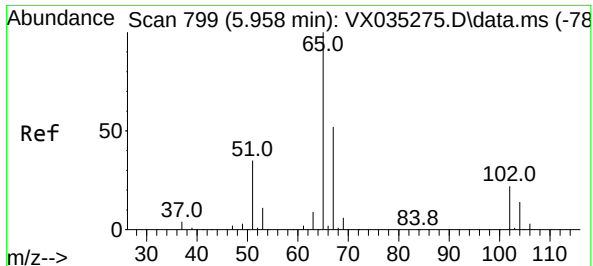


#32
1,1,1-Trichloroethane
Concen: 52.736 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37



Tgt Ion: 97 Resp: 181309
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 40.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 59.186 ug/l

RT: 5.946 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 14564

Ion Ratio Lower Upper

65 100

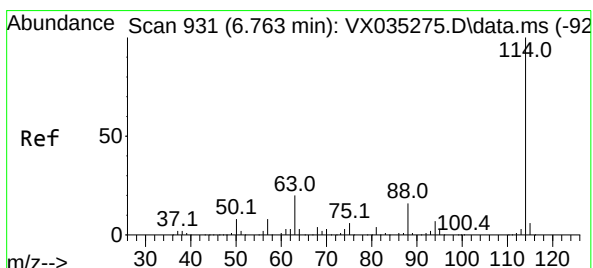
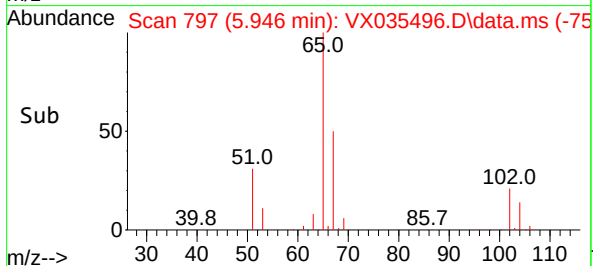
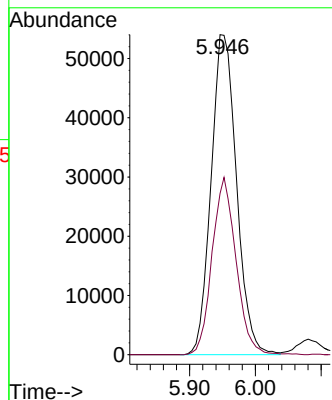
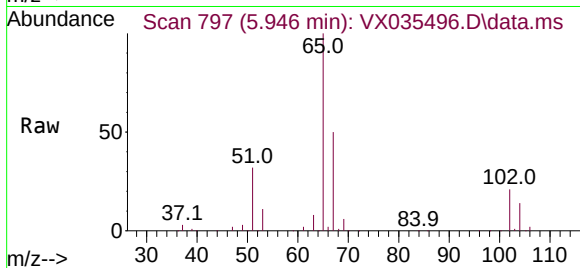
67 52.1 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

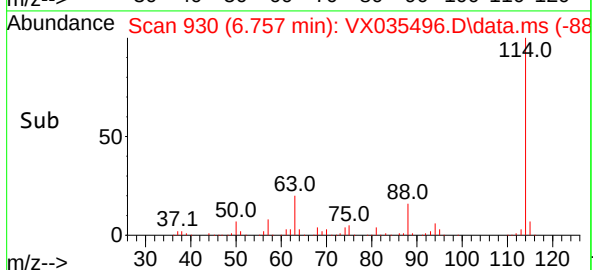
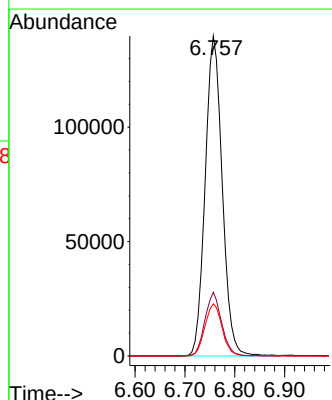
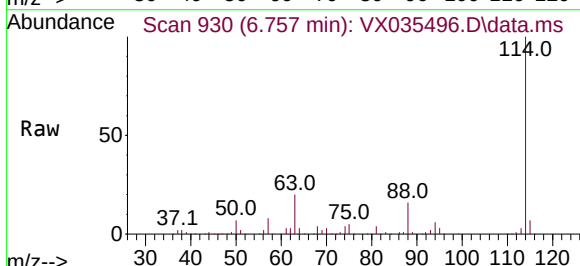
Tgt Ion:114 Resp: 332406

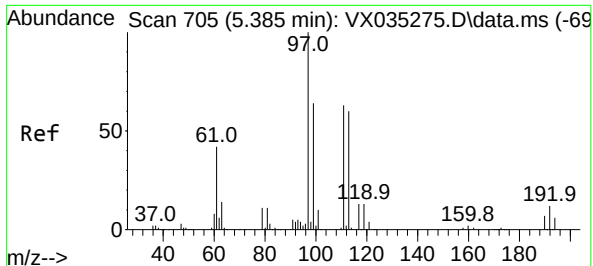
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.2

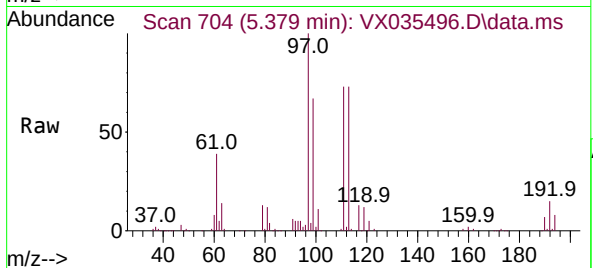
88 16.3 0.0 33.2





#35
Dibromofluoromethane
Concen: 58.958 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

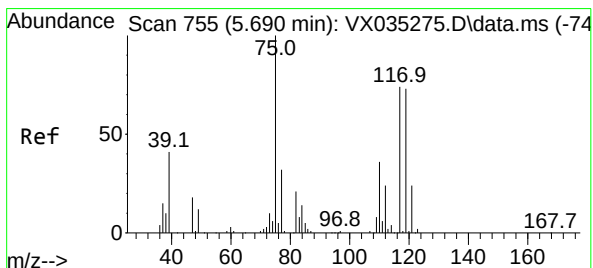
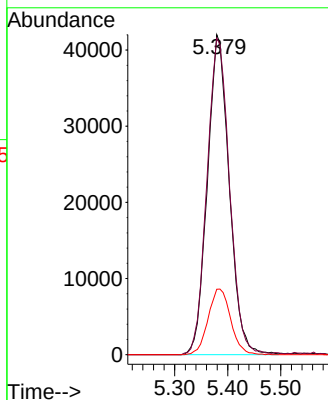
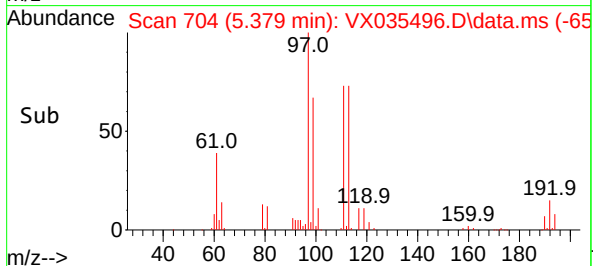
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 120280
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 21.2 15.4 23.2

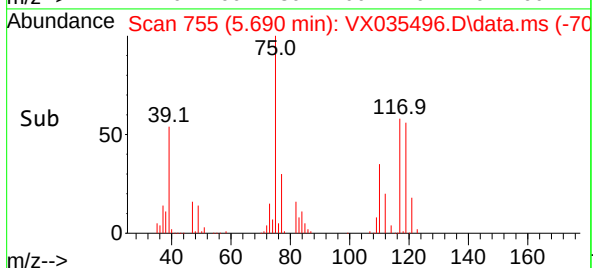
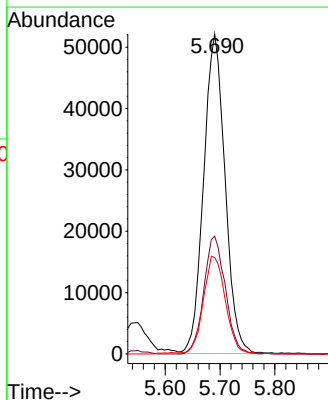
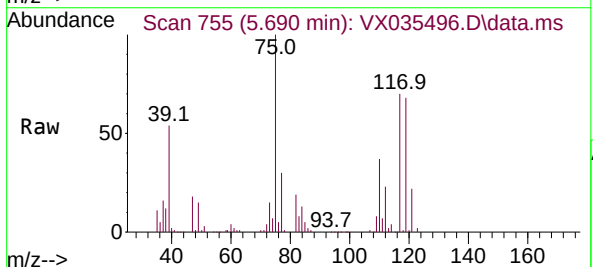
Manual Integrations
APPROVED

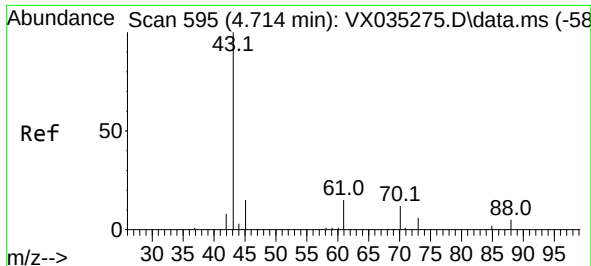
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#36
1,1-Dichloropropene
Concen: 44.273 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Tgt Ion: 75 Resp: 141041
Ion Ratio Lower Upper
75 100
110 37.1 17.5 52.5
77 31.4 24.3 36.5





#37

Ethyl Acetate

Concen: 53.071 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.005 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 15441

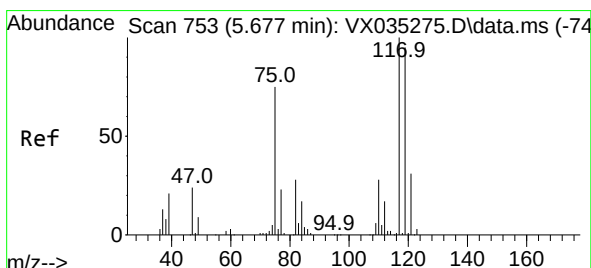
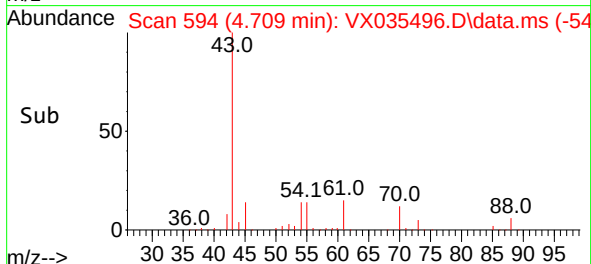
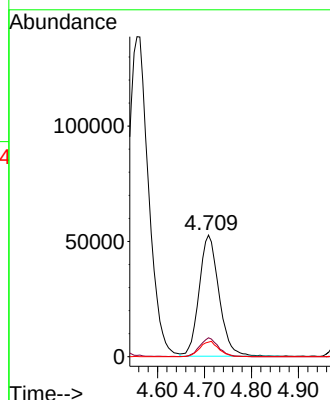
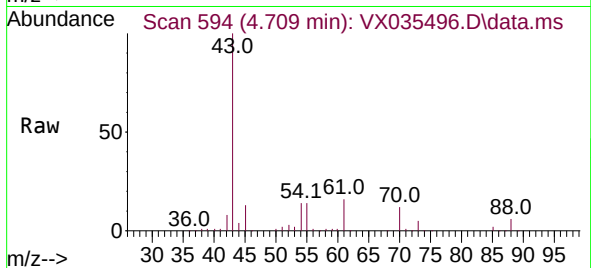
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.2	15.4
70	12.1	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#38

Carbon Tetrachloride

Concen: 50.557 ug/l

RT: 5.678 min Scan# 753

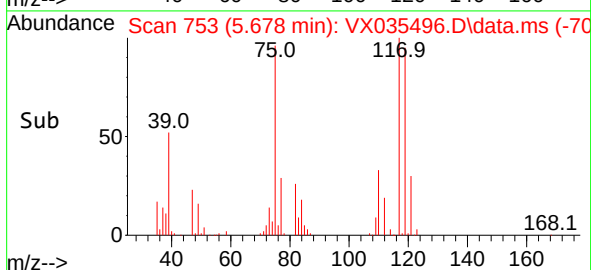
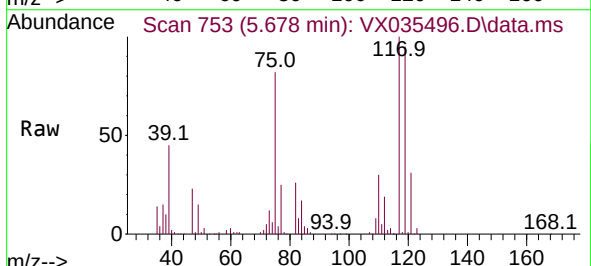
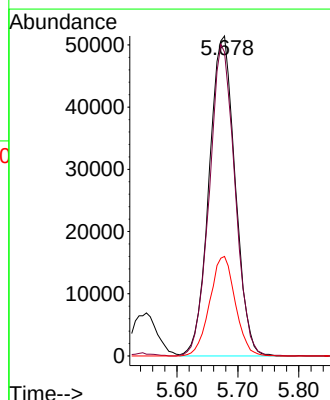
Delta R.T. 0.001 min

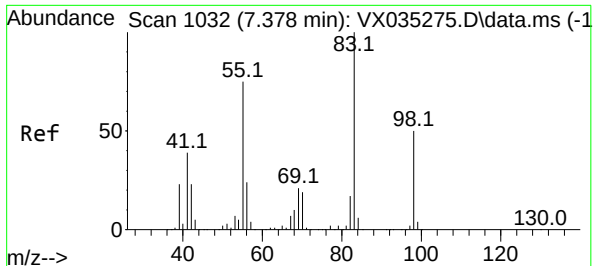
Lab File: VX035496.D

Acq: 03 May 2023 09:37

Tgt Ion:117 Resp: 152894

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	114.8
121	31.1	23.8	35.6





#39

Methylcyclohexane

Concen: 39.543 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 15333

Ion Ratio Lower Upper

83 100

55 72.5 60.5 90.7

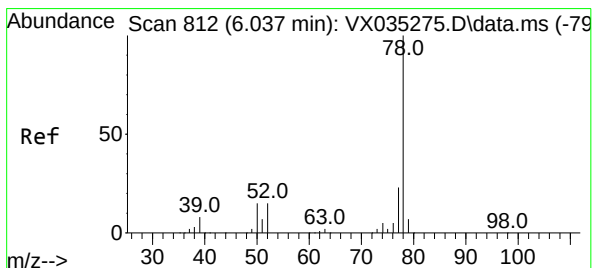
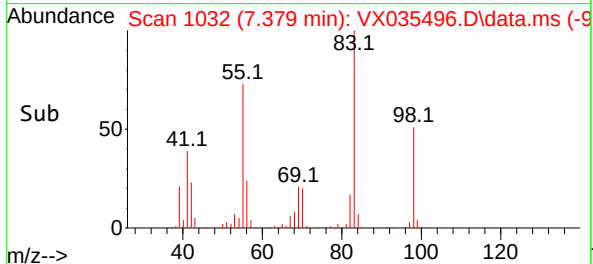
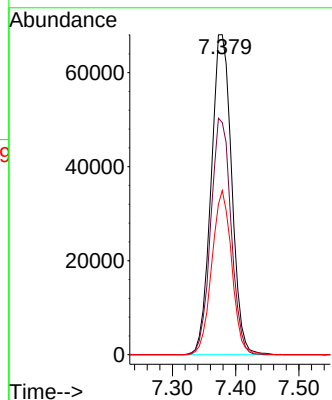
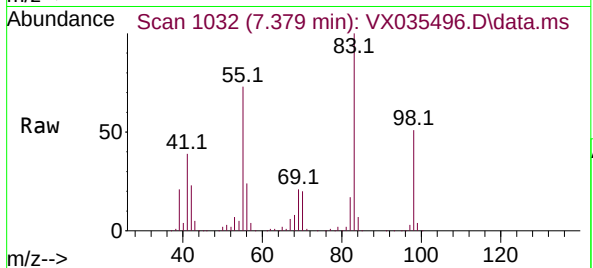
98 51.3 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#40

Benzene

Concen: 49.557 ug/l

RT: 6.032 min Scan# 811

Delta R.T. -0.005 min

Lab File: VX035496.D

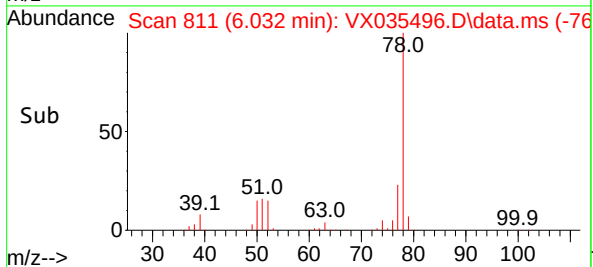
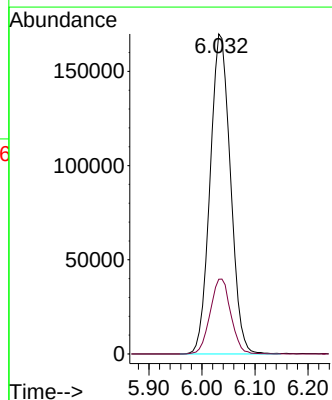
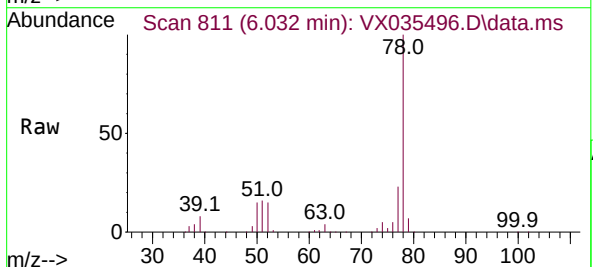
Acq: 03 May 2023 09:37

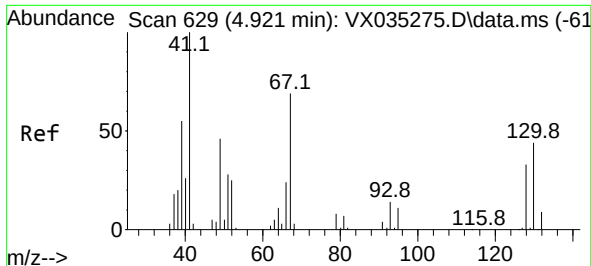
Tgt Ion: 78 Resp: 452883

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4





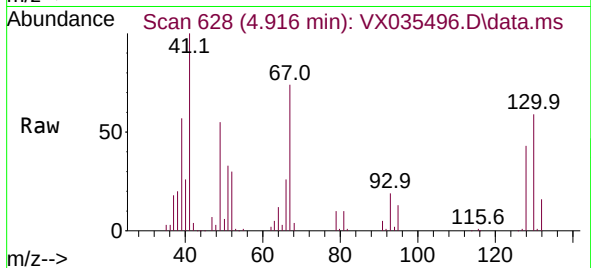
#41
Methacrylonitrile
Concen: 53.753 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.005 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



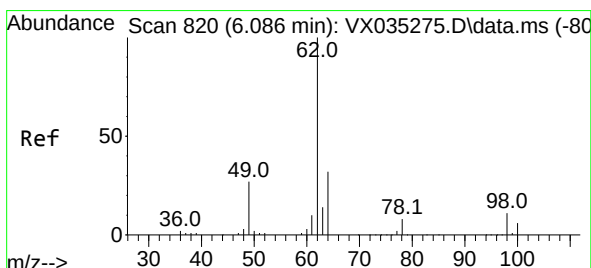
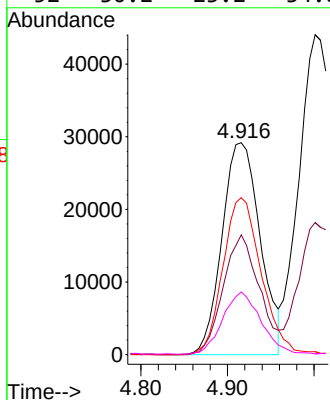
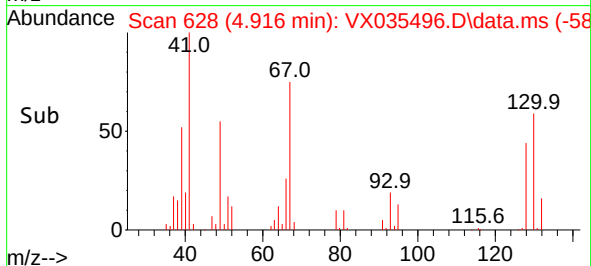
Tgt Ion: 41 Resp: 8961
Ion Ratio Lower Upper
41 100
39 53.5 45.0 67.6
67 74.4 55.6 83.4
52 30.2 23.2 34.8

Manual Integrations

APPROVED

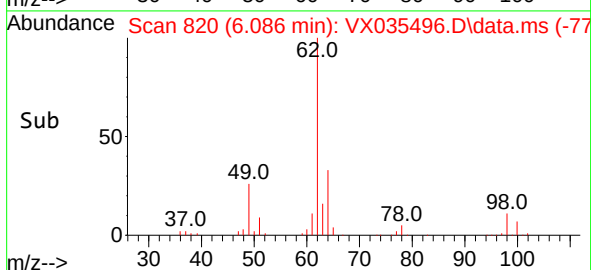
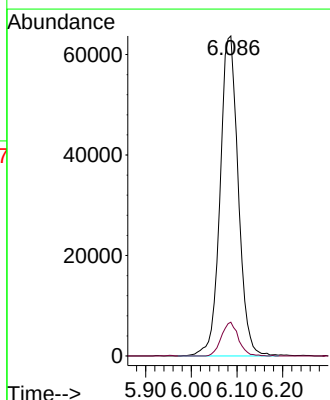
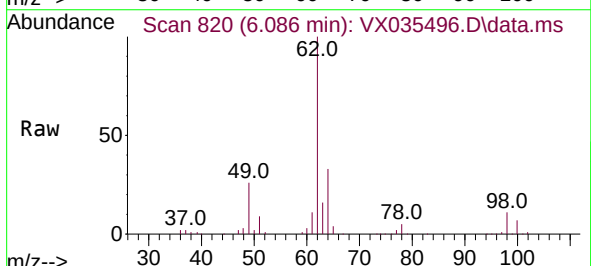
Reviewed By :John Carlone 05/03/2023

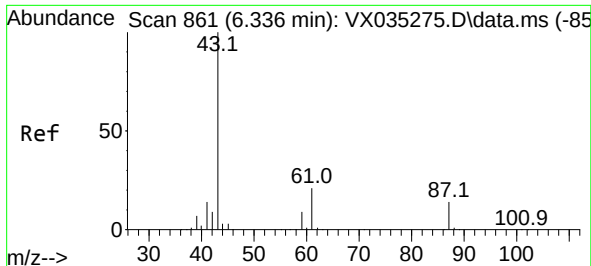
Supervised By :Mahesh Dadoda 05/04/2023



#42
1,2-Dichloroethane
Concen: 53.960 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

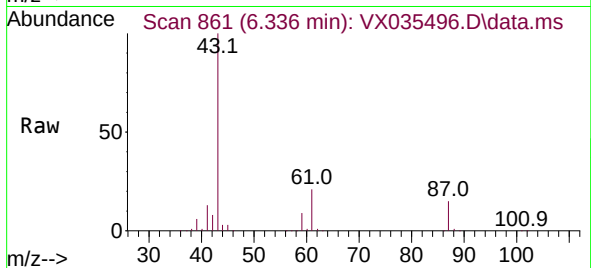
Tgt Ion: 62 Resp: 175820
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 53.822 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

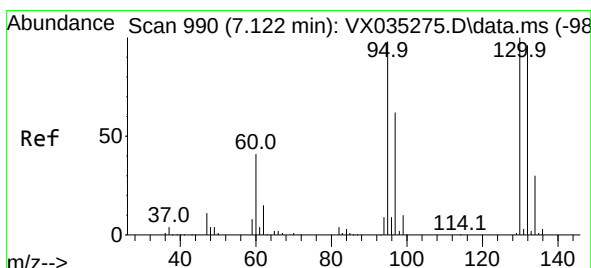
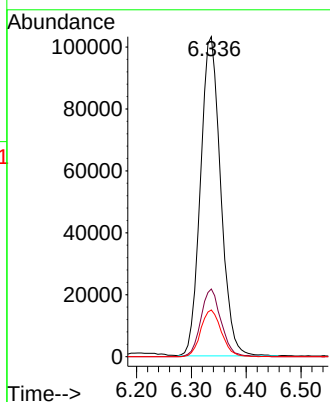
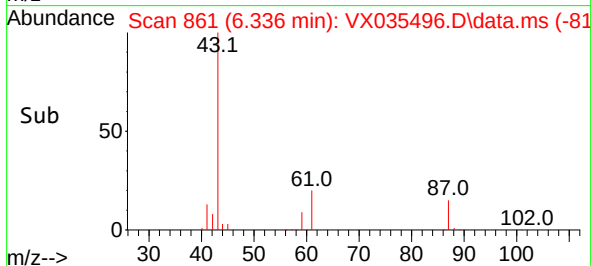
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 26313
Ion Ratio Lower Upper
43 100
61 21.3 15.2 22.8
87 14.9 9.8 14.8

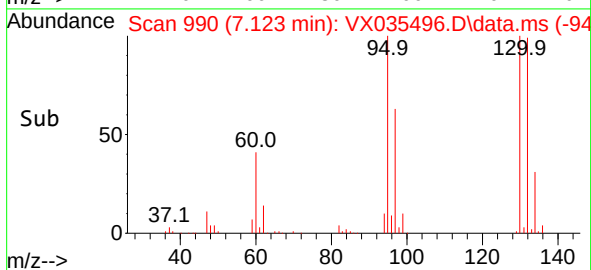
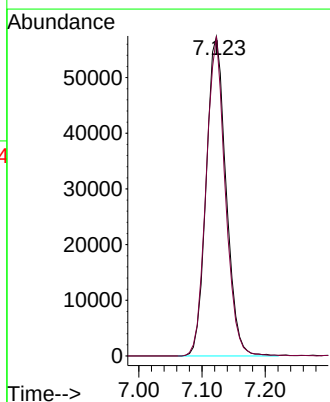
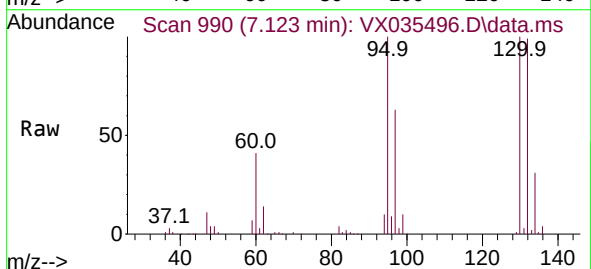
Manual Integrations
APPROVED

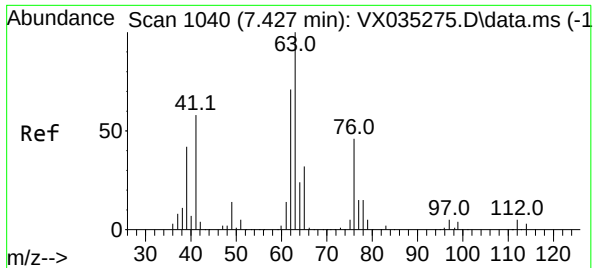
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#44
Trichloroethene
Concen: 49.658 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Tgt Ion:130 Resp: 125015
Ion Ratio Lower Upper
130 100
95 100.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 52.274 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 120438

Ion Ratio Lower Upper

63 100

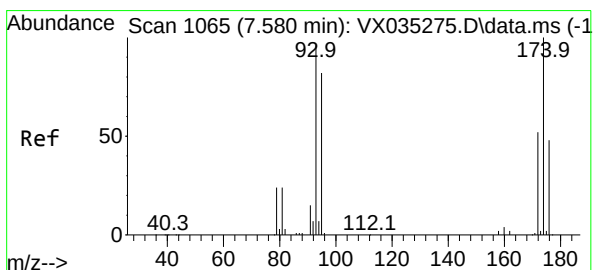
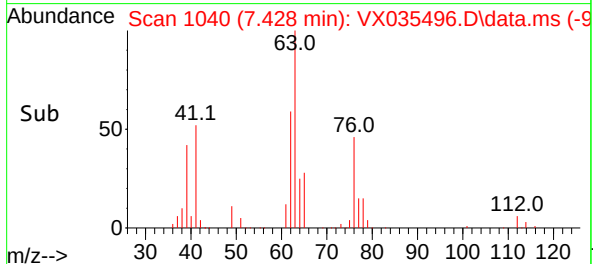
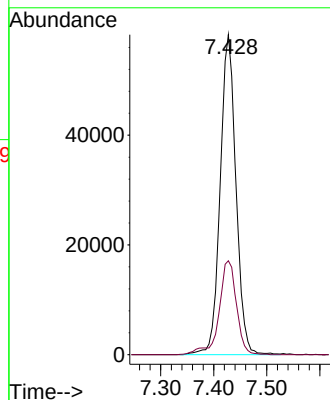
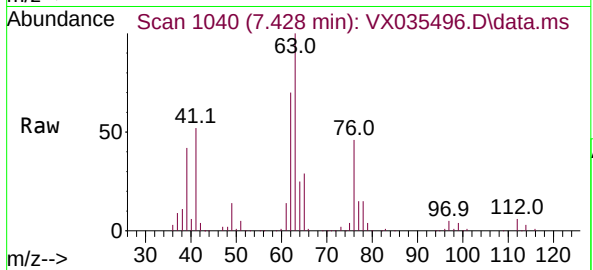
65 29.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#46

Dibromomethane

Concen: 54.372 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

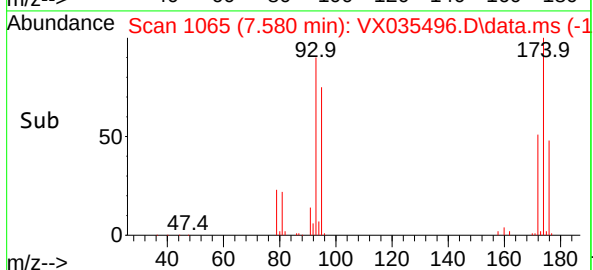
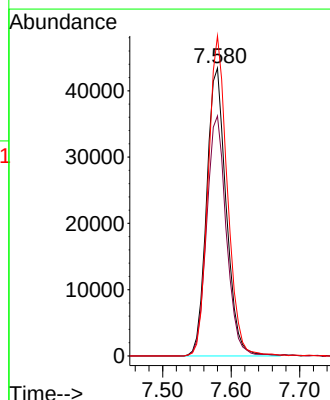
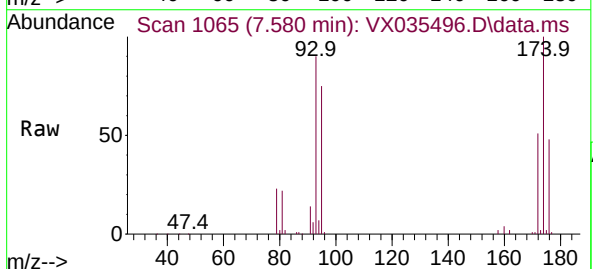
Tgt Ion: 93 Resp: 86025

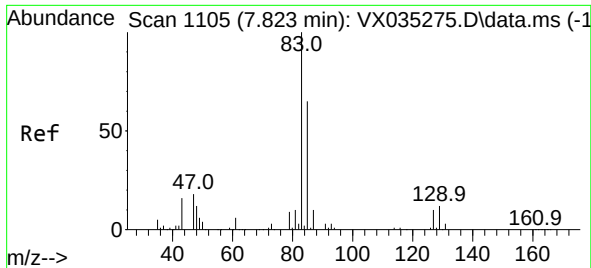
Ion Ratio Lower Upper

93 100

95 83.9 66.9 100.3

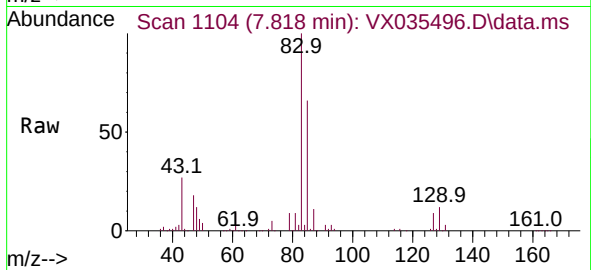
174 109.2 75.4 113.0





#47
Bromodichloromethane
Concen: 57.262 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

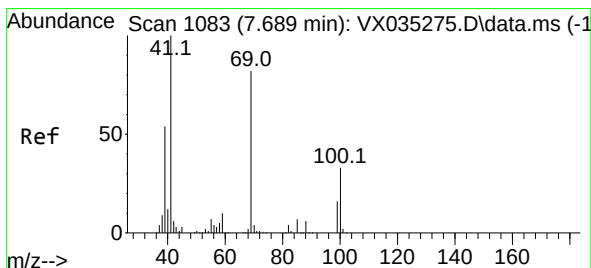
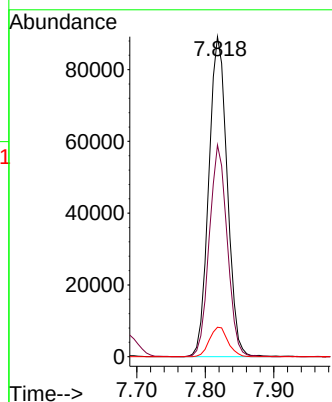
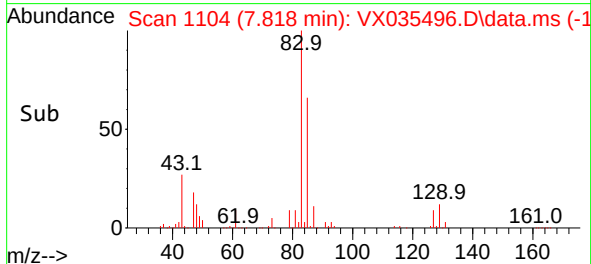
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 16692
Ion Ratio Lower Upper
83 100
85 66.2 52.2 78.4
127 9.2 6.6 9.8

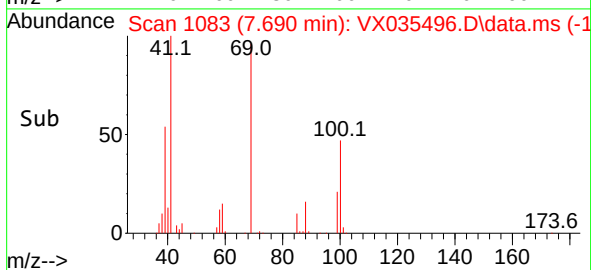
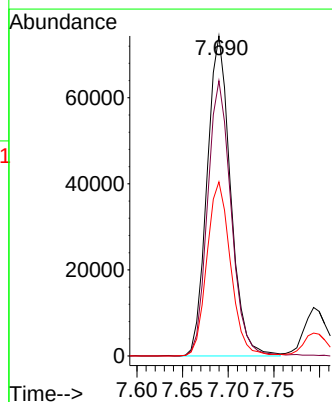
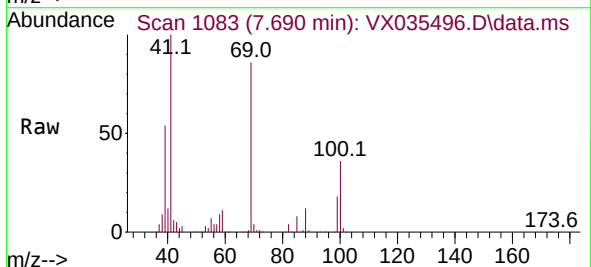
Manual Integrations
APPROVED

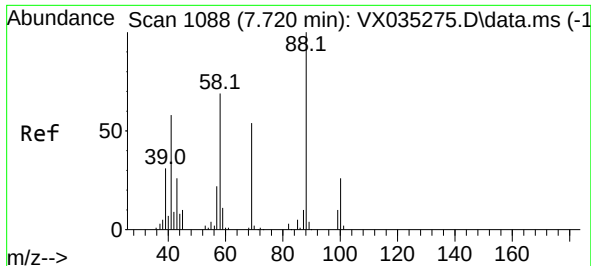
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#48
Methyl methacrylate
Concen: 55.365 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Tgt Ion: 41 Resp: 132777
Ion Ratio Lower Upper
41 100
69 86.1 62.2 93.4
39 54.9 47.7 71.5





#49
1,4-Dioxane
Concen: 903.963 ug/l
RT: 7.708 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

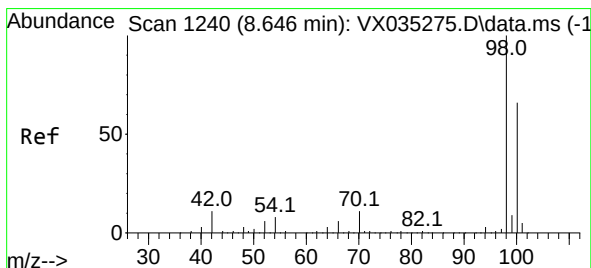
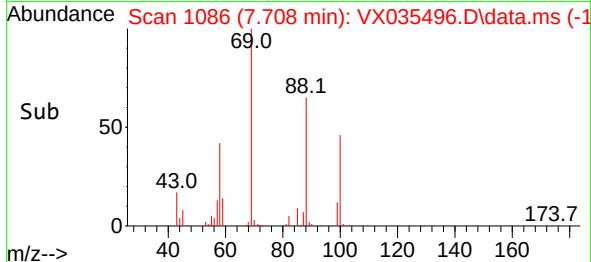
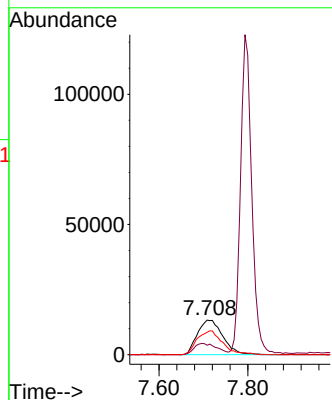
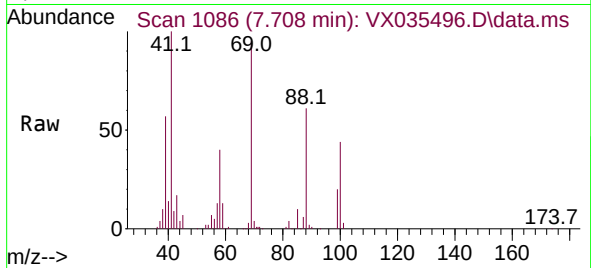
VSTDCCC050

Tgt Ion: 88 Resp: 5284
Ion Ratio Lower Upper
88 100
43 29.9 27.7 41.5
58 69.1 56.8 85.2

Manual Integrations

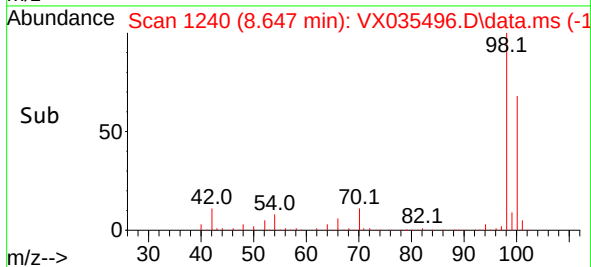
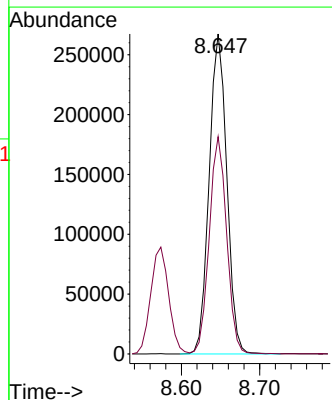
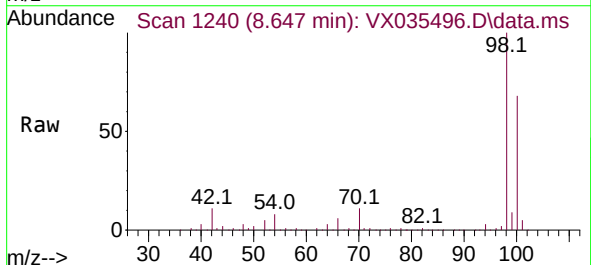
APPROVED

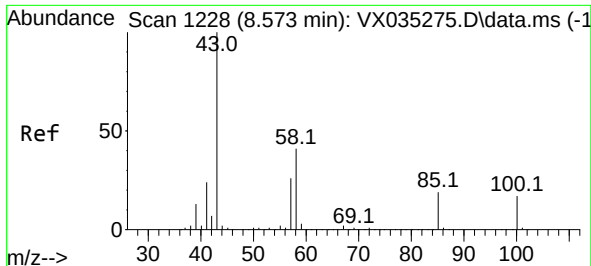
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#50
Toluene-d8
Concen: 54.249 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Tgt Ion: 98 Resp: 417516
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7





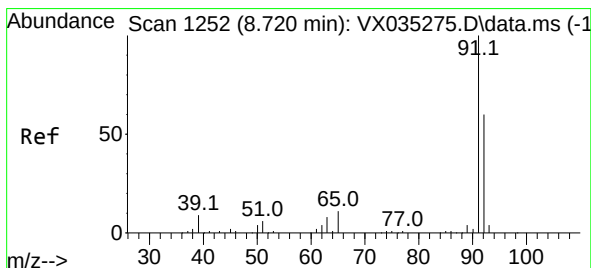
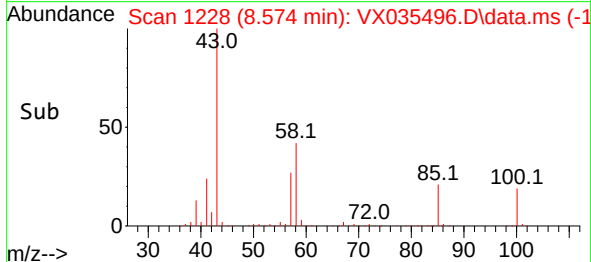
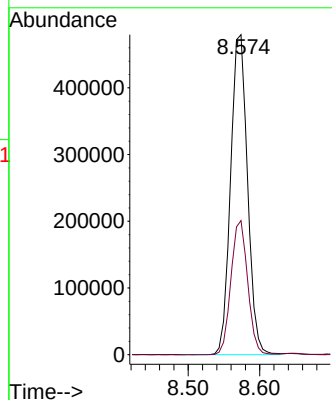
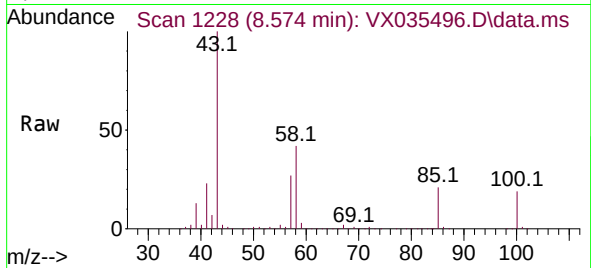
#51
4-Methyl-2-Pentanone
Concen: 262.080 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 787198
Ion Ratio Lower Upper
43 100
58 41.4 30.6 46.0

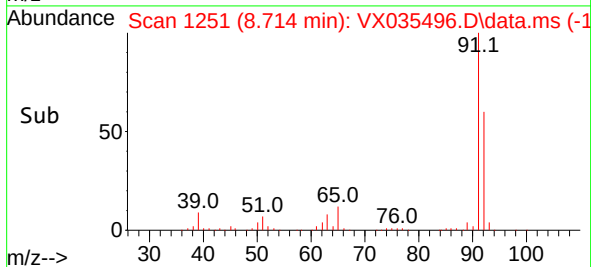
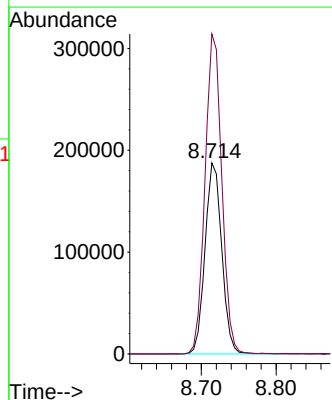
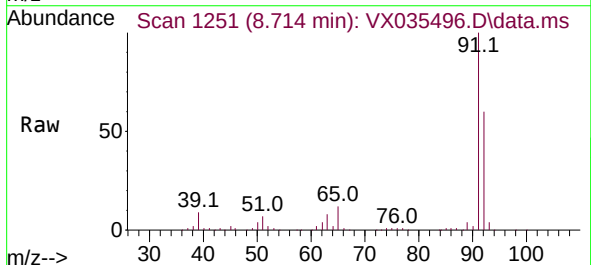
Manual Integrations
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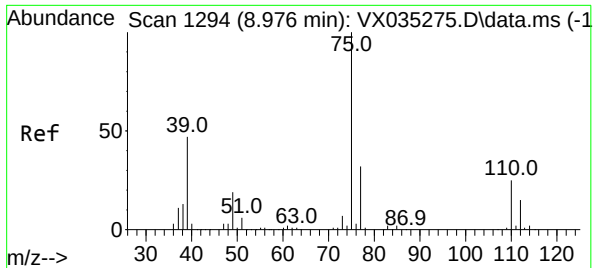
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#52
Toluene
Concen: 50.333 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Tgt Ion: 92 Resp: 291567
Ion Ratio Lower Upper
92 100
91 167.6 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 61.455 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 187080

Ion Ratio Lower Upper

75 100

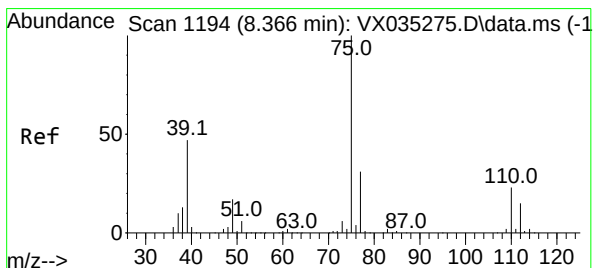
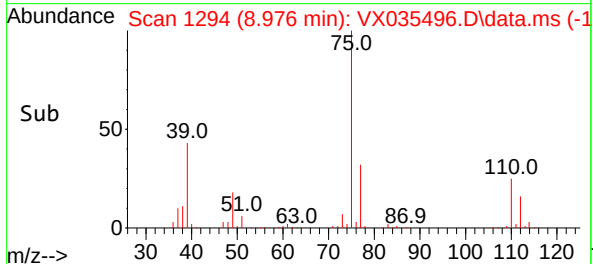
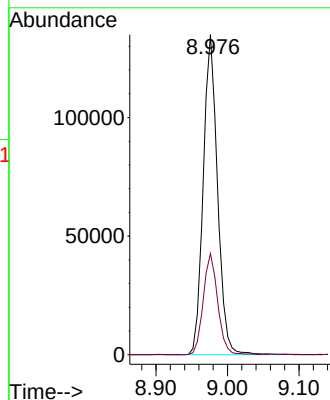
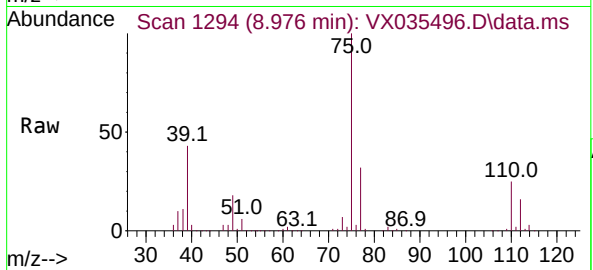
77 31.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#54

cis-1,3-Dichloropropene

Concen: 59.548 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

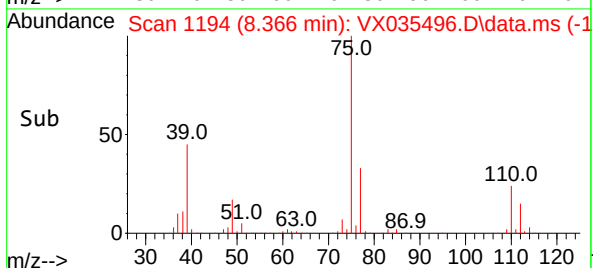
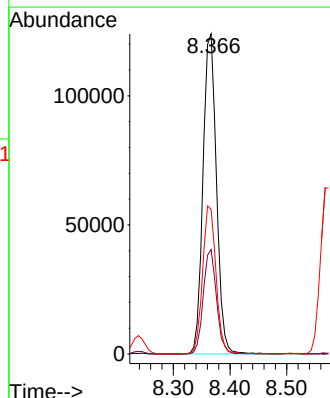
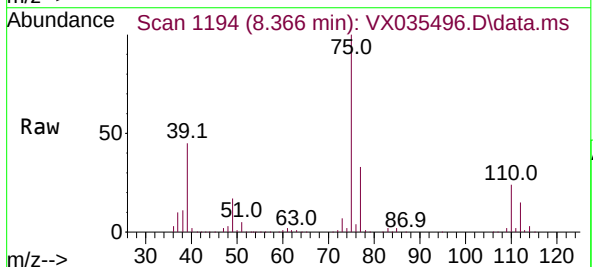
Tgt Ion: 75 Resp: 204901

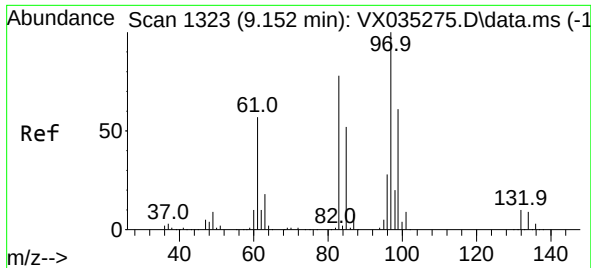
Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.4

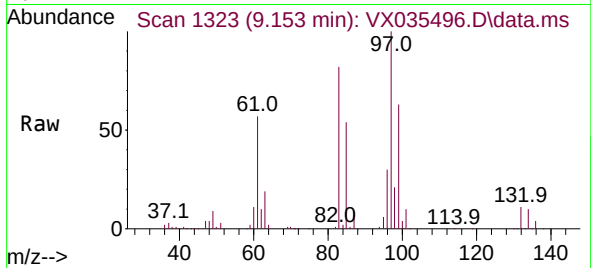
39 45.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 54.033 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

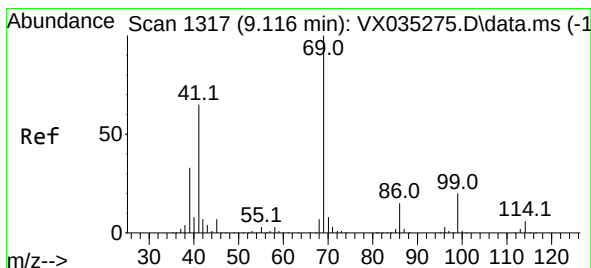
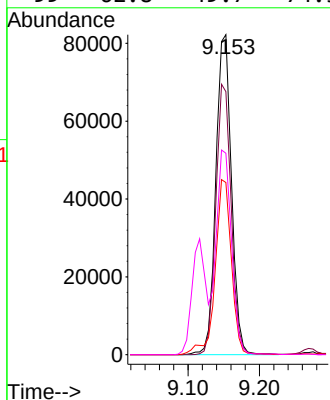
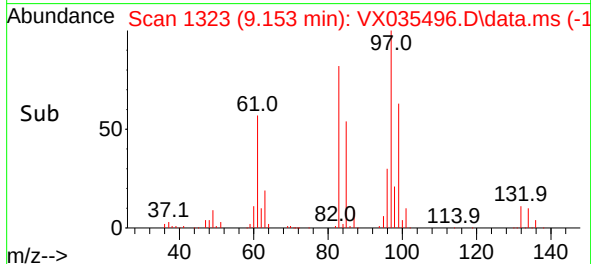
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



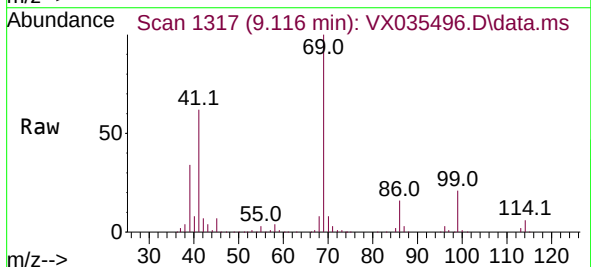
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.2	69.7	104.5
85	53.8	43.7	65.5
99	62.8	49.7	74.5

Manual Integrations
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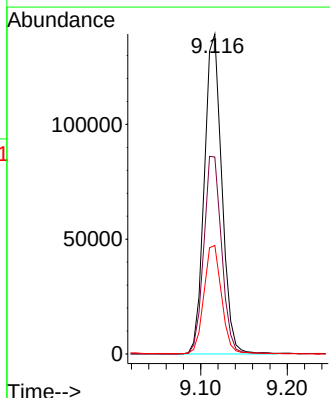
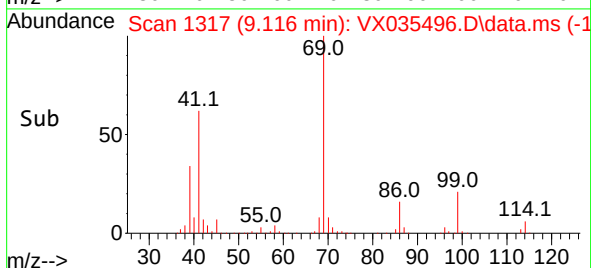
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

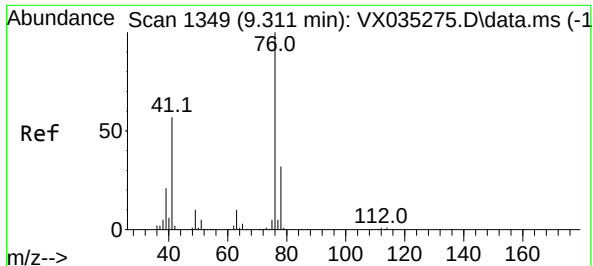


#56
Ethyl methacrylate
Concen: 56.925 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.3	57.4	86.0
39	34.3	33.7	50.5





#57

1,3-Dichloropropane

Concen: 53.729 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 212220

Ion Ratio Lower Upper

76 100

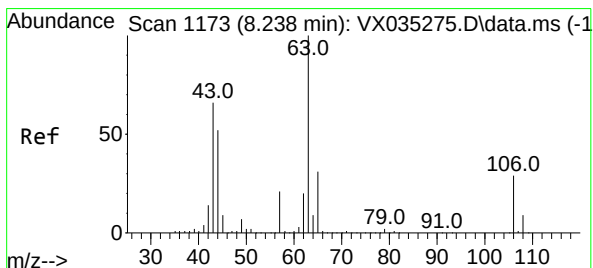
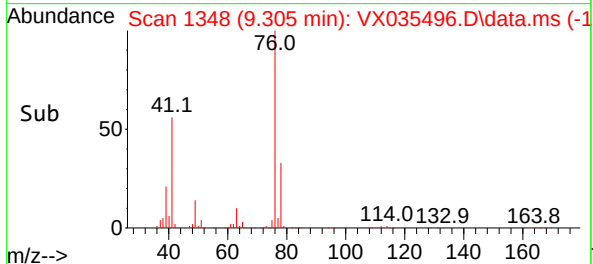
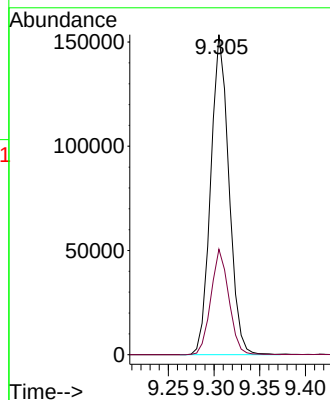
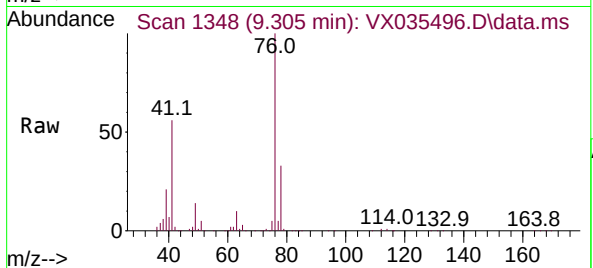
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#58

2-Chloroethyl Vinyl ether

Concen: 313.359 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035496.D

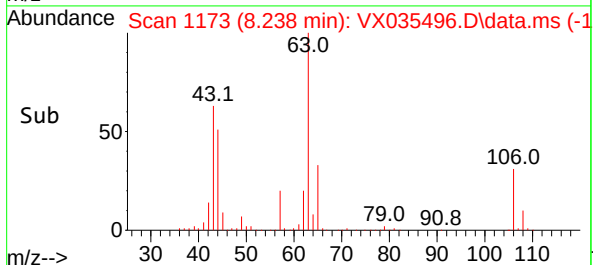
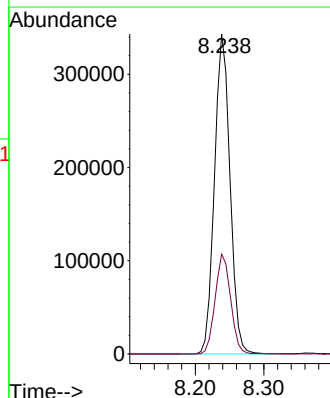
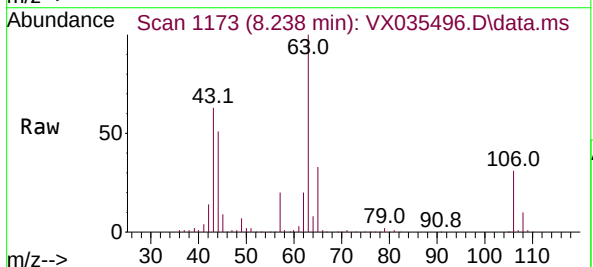
Acq: 03 May 2023 09:37

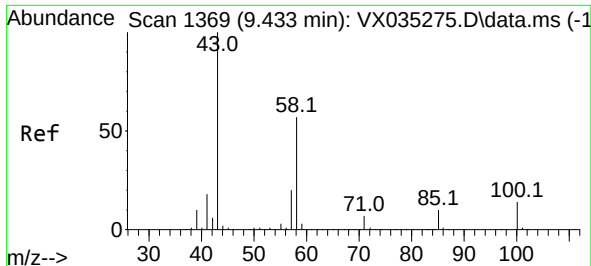
Tgt Ion: 63 Resp: 539000

Ion Ratio Lower Upper

63 100

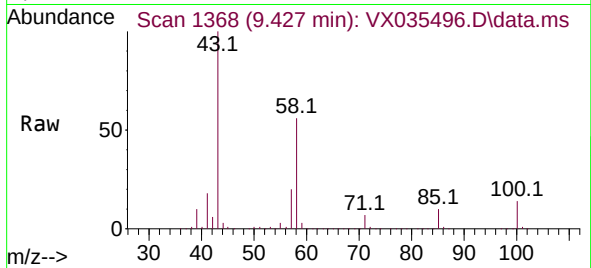
106 31.2 22.2 33.2





#59
2-Hexanone
Concen: 265.712 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

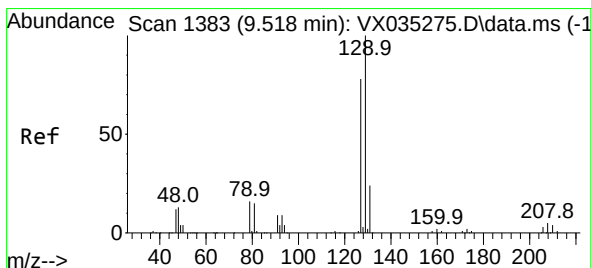
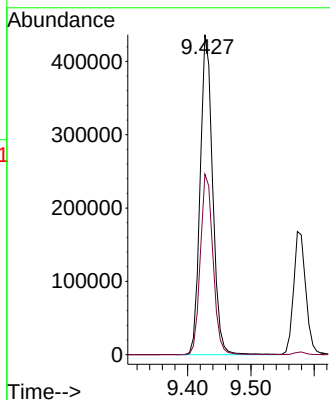
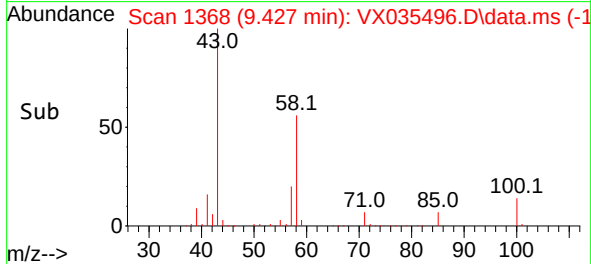
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 599570
Ion Ratio Lower Upper
43 100
58 57.3 26.3 78.9

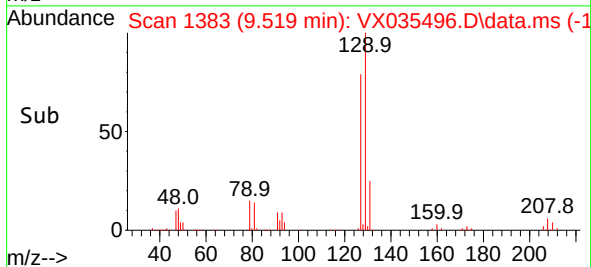
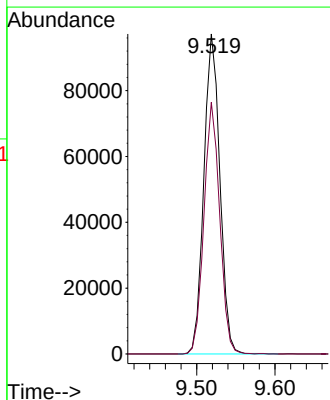
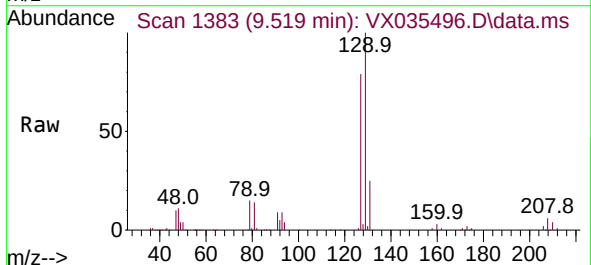
Manual Integrations
APPROVED

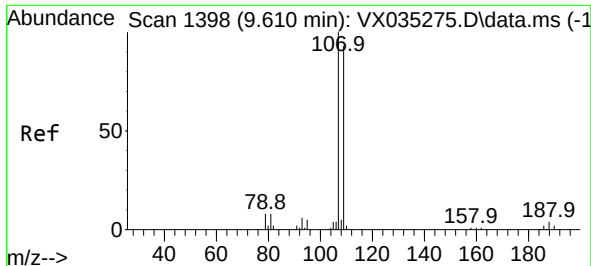
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#60
Dibromochloromethane
Concen: 62.291 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

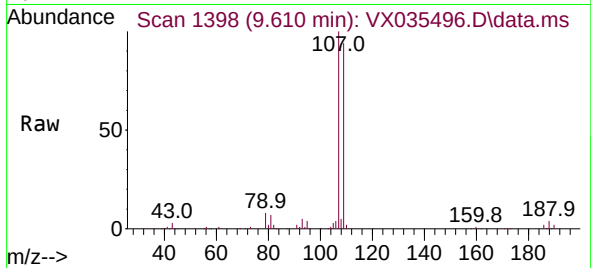
Tgt Ion:129 Resp: 137821
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61
1,2-Dibromoethane
Concen: 55.793 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

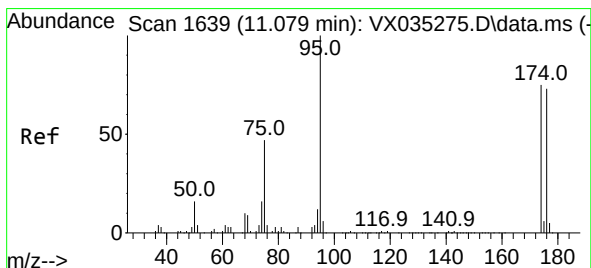
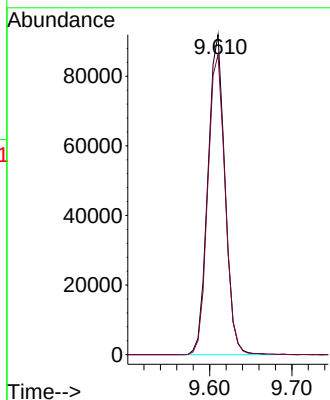
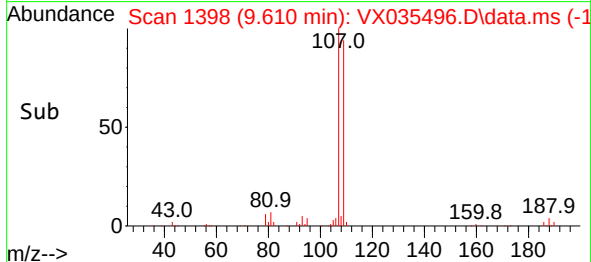
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



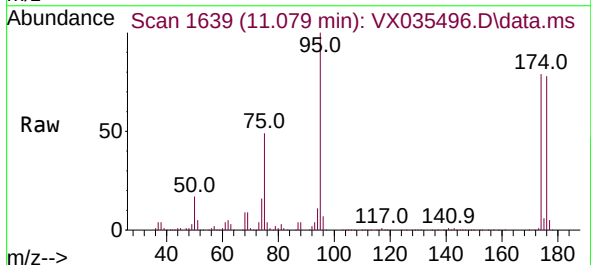
Tgt Ion:107 Resp: 13282
Ion Ratio Lower Upper
107 100
109 95.3 75.3 112.9

Manual Integrations
APPROVED

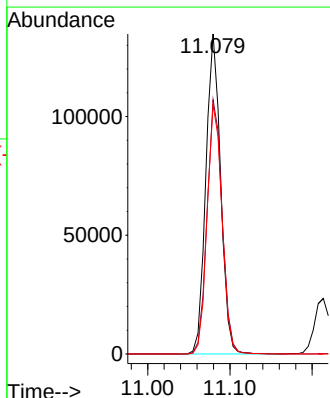
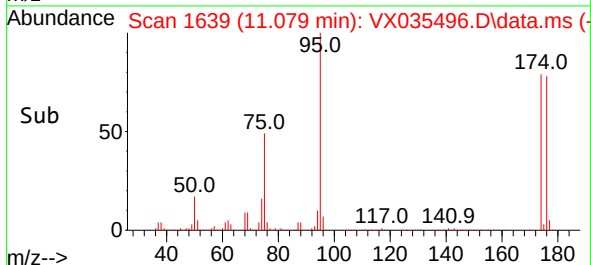
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

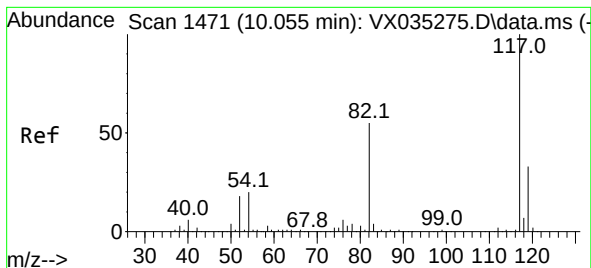


#62
4-Bromofluorobenzene
Concen: 58.019 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37



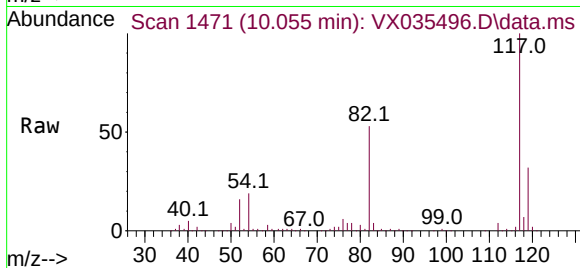
Tgt Ion: 95 Resp: 167978
Ion Ratio Lower Upper
95 100
174 81.2 0.0 147.4
176 79.0 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

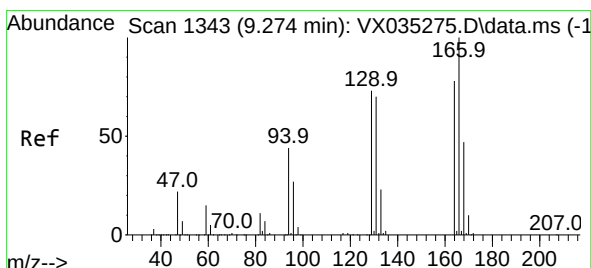
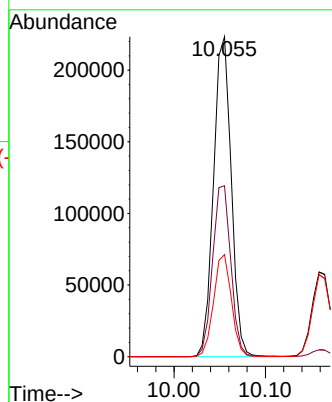
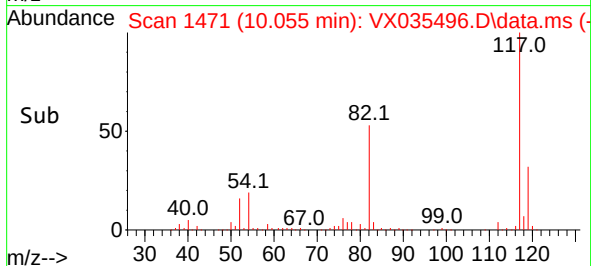
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



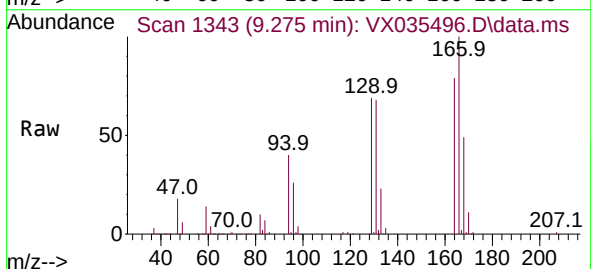
Tgt Ion:117 Resp: 300760
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 31.9 26.0 39.0

Manual Integrations
APPROVED

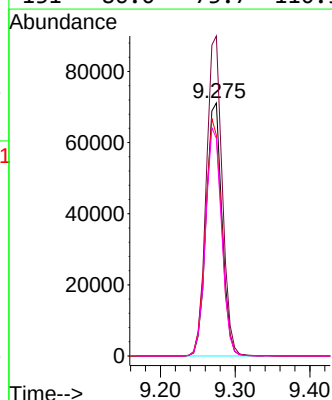
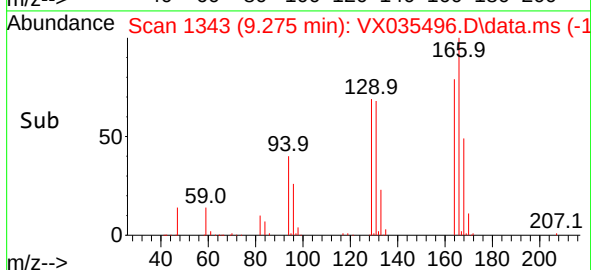
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

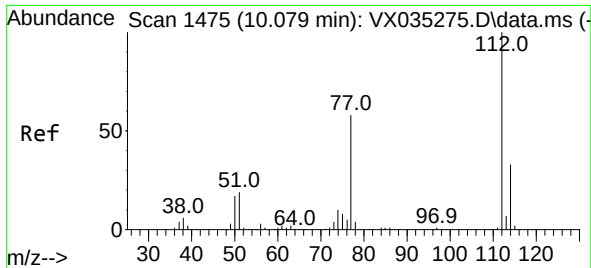


#64
Tetrachloroethene
Concen: 45.247 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37



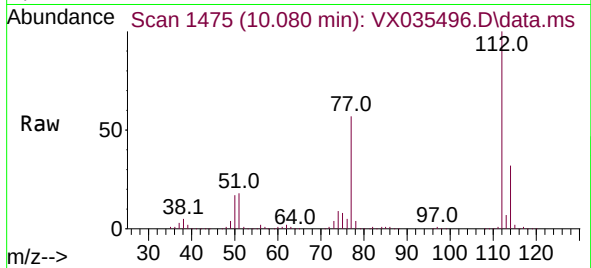
Tgt Ion:164 Resp: 104196
Ion Ratio Lower Upper
164 100
166 126.5 102.7 154.1
129 87.3 75.6 113.4
131 86.0 73.7 110.5





#65
Chlorobenzene
Concen: 49.917 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

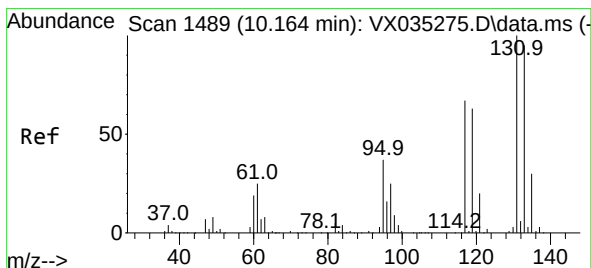
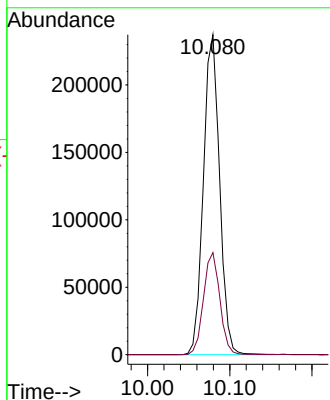
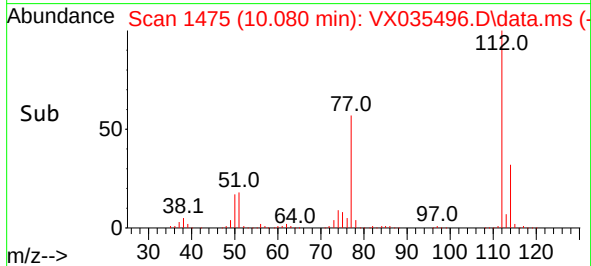
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



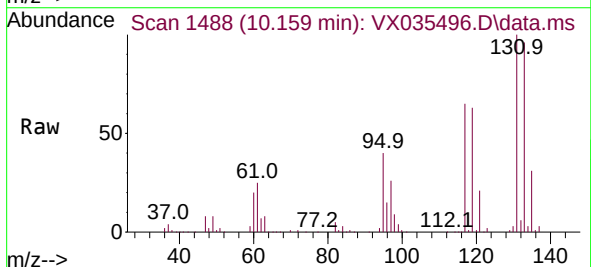
Tgt Ion:112 Resp: 324811
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

Manual Integrations
APPROVED

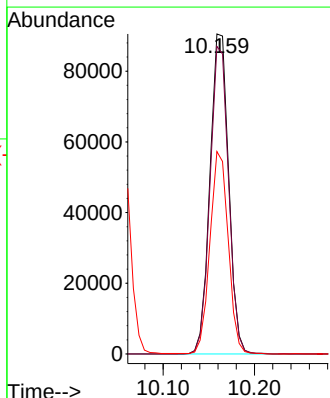
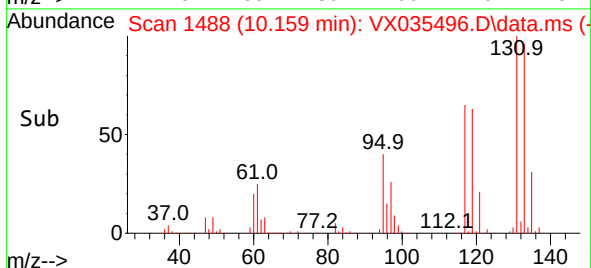
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

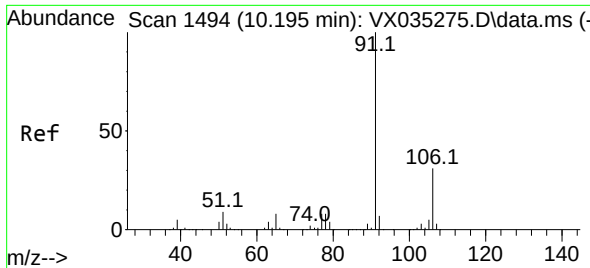


#66
1,1,1,2-Tetrachloroethane
Concen: 56.749 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.005 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37



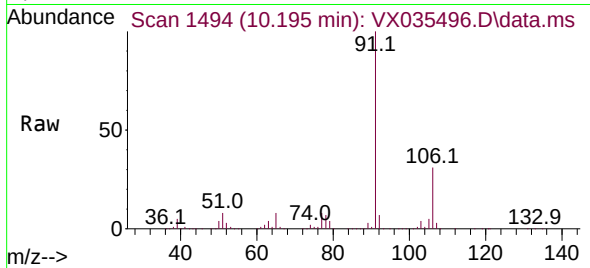
Tgt Ion:131 Resp: 128514
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 61.9 32.6 98.0





#67
Ethyl Benzene
Concen: 49.529 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

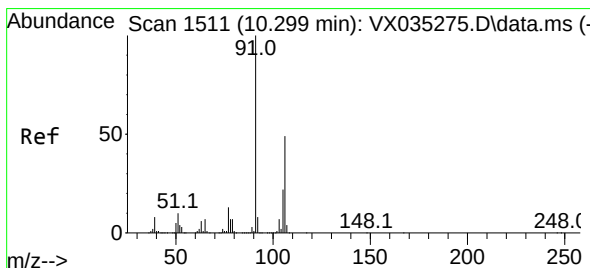
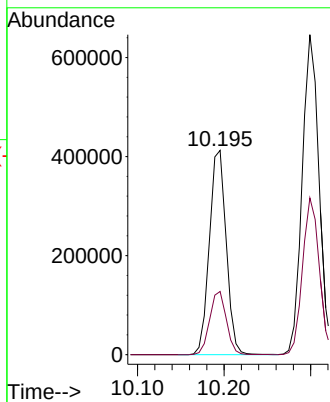
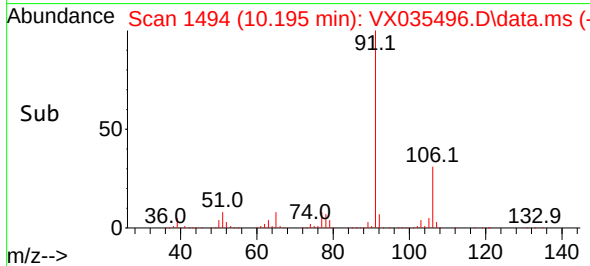
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



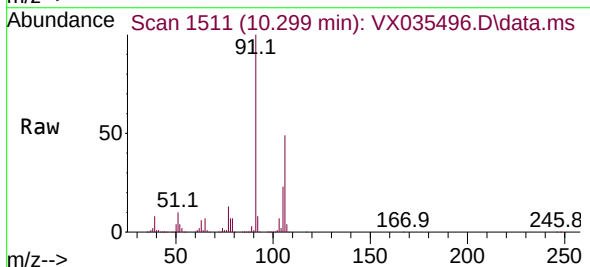
Tgt Ion: 91 Resp: 558125
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4

Manual Integrations
APPROVED

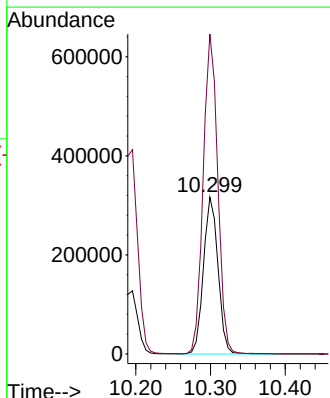
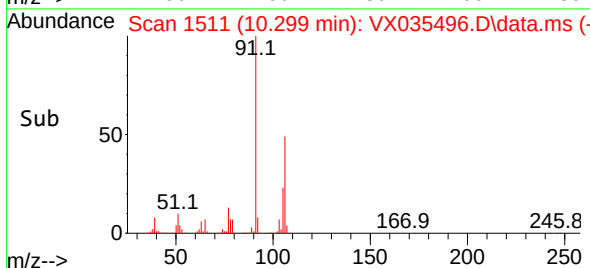
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

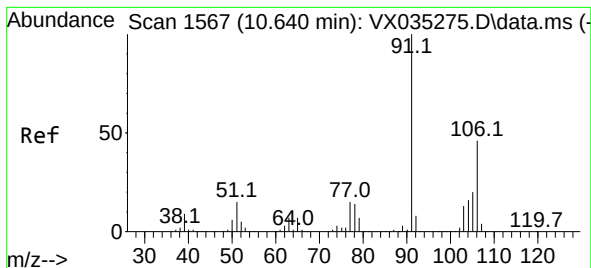


#68
m/p-Xylenes
Concen: 98.762 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37



Tgt Ion:106 Resp: 426450
Ion Ratio Lower Upper
106 100
91 204.7 164.0 246.0





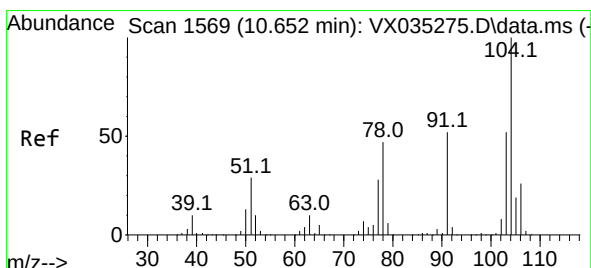
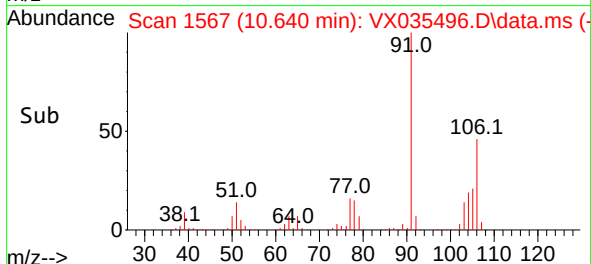
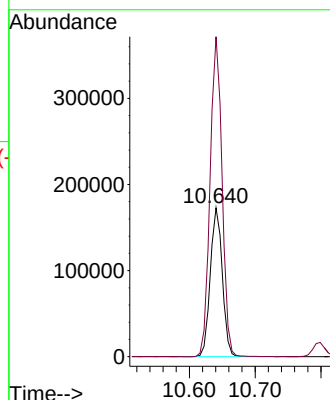
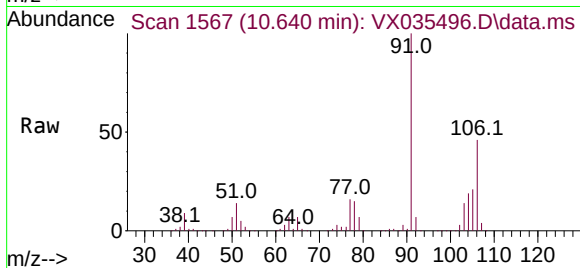
#69
o-Xylene
Concen: 51.772 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 219214
Ion Ratio Lower Upper
106 100
91 215.0 108.5 325.3

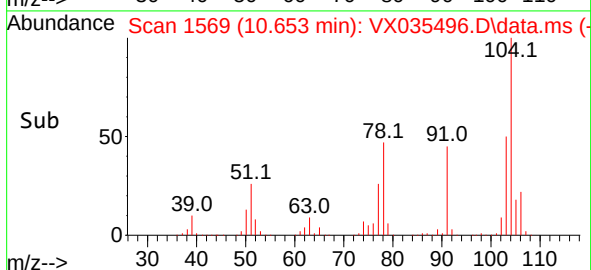
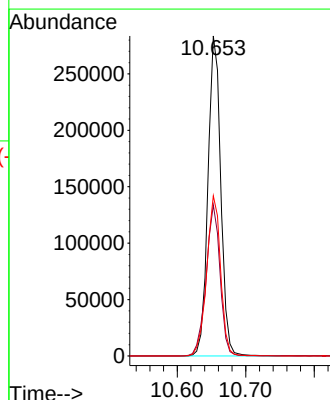
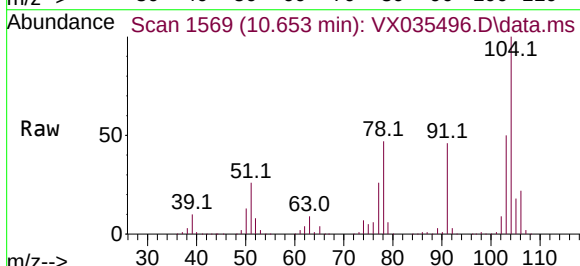
Manual Integrations
APPROVED

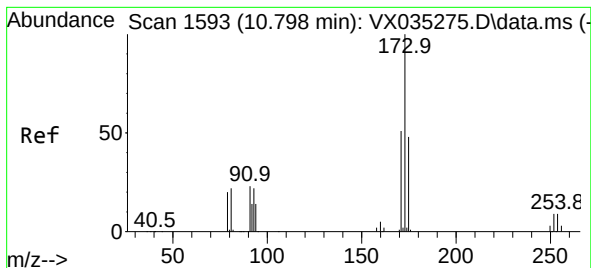
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#70
Styrene
Concen: 53.777 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Tgt Ion:104 Resp: 369197
Ion Ratio Lower Upper
104 100
78 51.4 43.4 65.2
103 54.4 44.2 66.2





#71

Bromoform

Concen: 64.066 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.001 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 100915

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.4

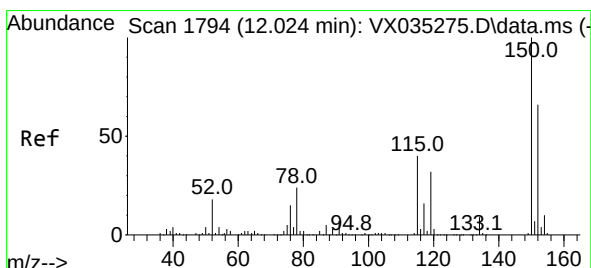
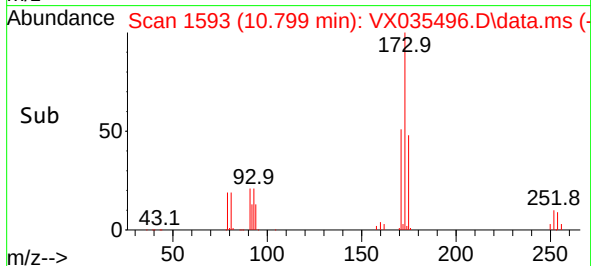
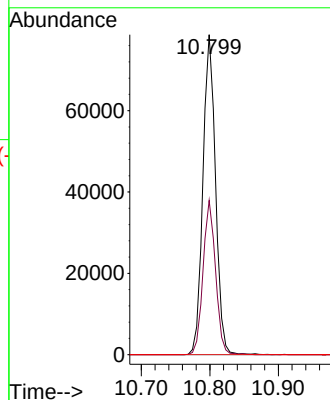
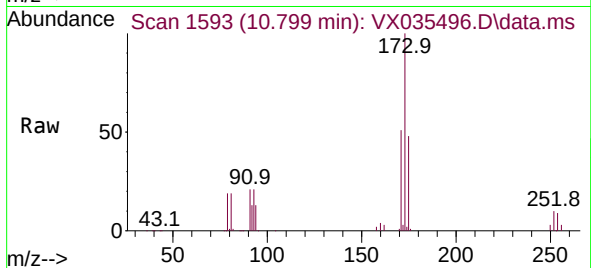
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

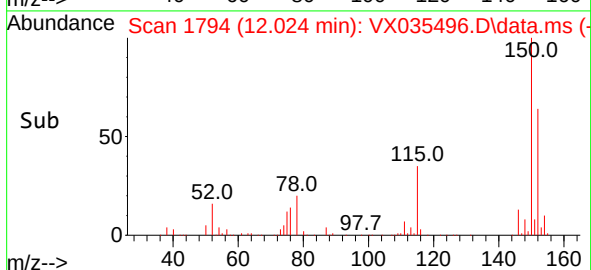
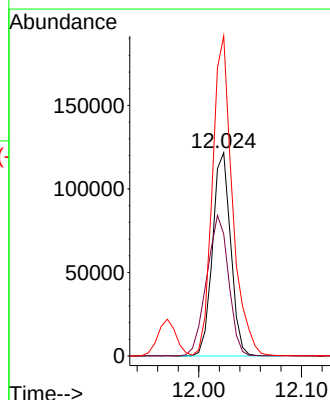
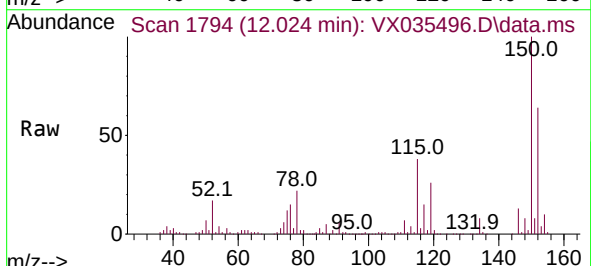
Tgt Ion:152 Resp: 149453

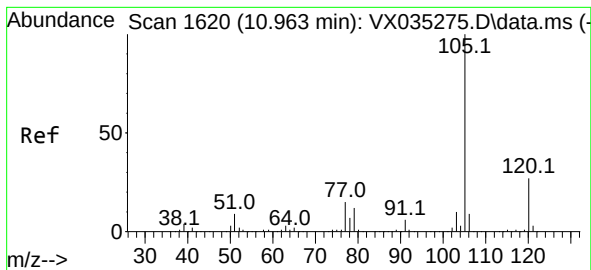
Ion Ratio Lower Upper

152 100

115 83.2 45.0 135.0

150 173.1 0.0 352.4





#73

Isopropylbenzene

Concen: 49.346 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 539090

Ion Ratio Lower Upper

105 100

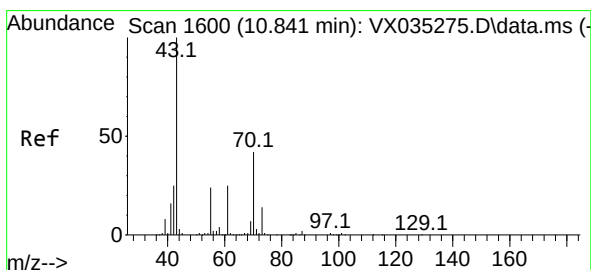
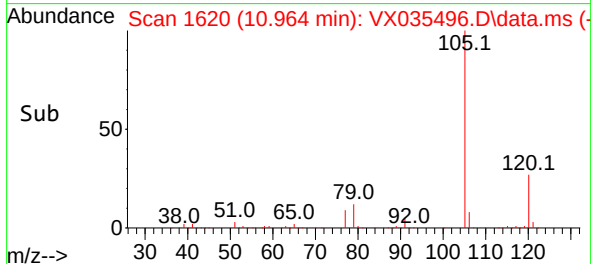
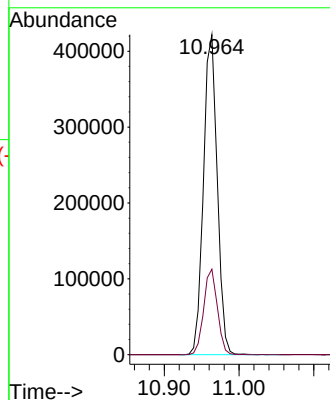
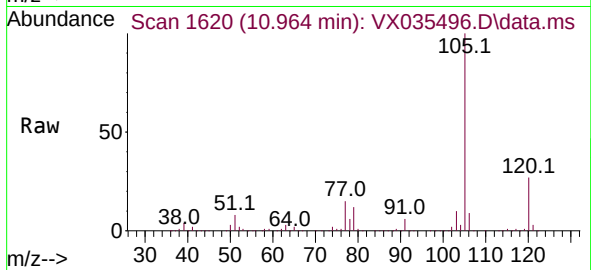
120 26.5 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#74

N-ethyl acetate

Concen: 55.455 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

Tgt Ion: 43 Resp: 227677

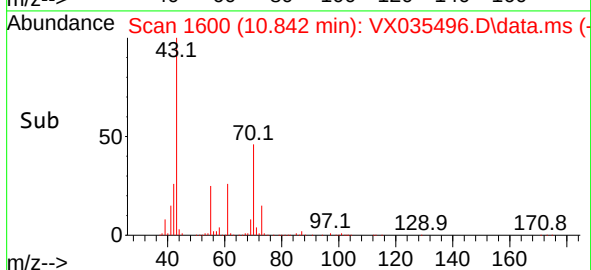
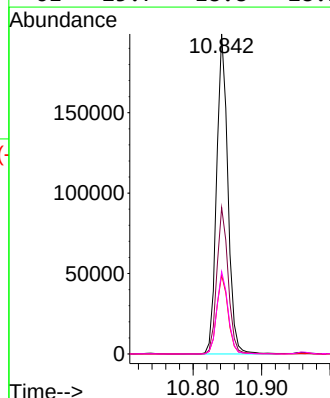
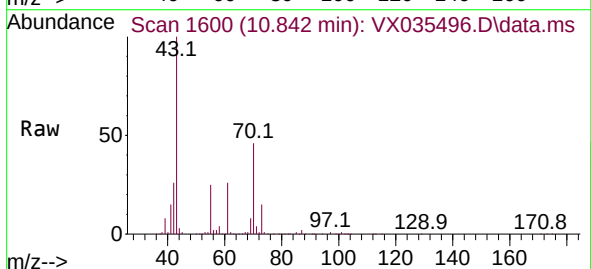
Ion Ratio Lower Upper

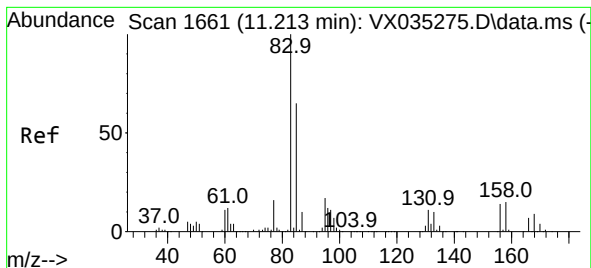
43 100

70 46.0 32.1 48.1

55 24.9 18.3 27.5

61 25.7 18.8 28.2





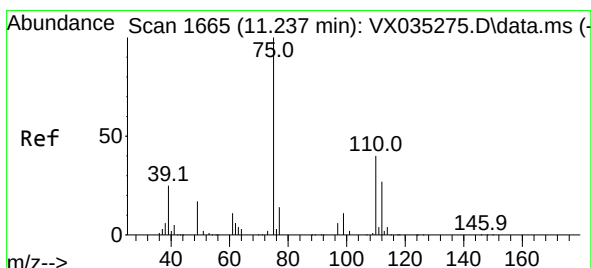
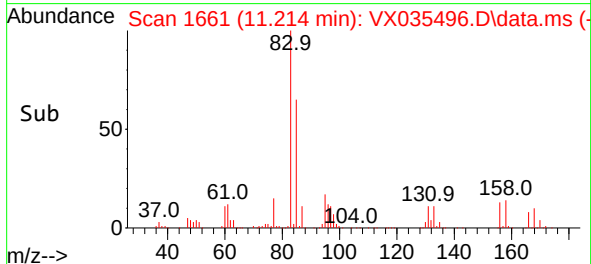
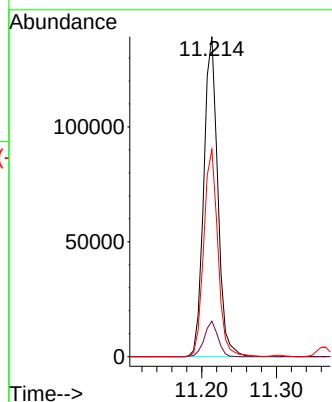
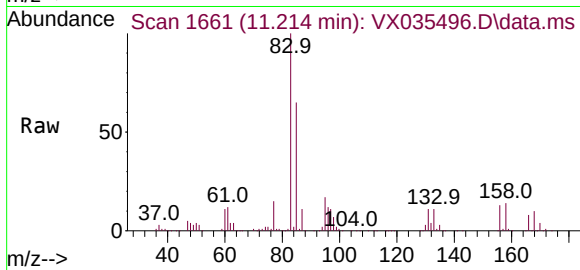
#75
1,1,2,2-Tetrachloroethane
Concen: 53.371 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 18097
Ion Ratio Lower Upper
83 100
131 10.8 4.8 14.3
85 65.5 32.0 96.0

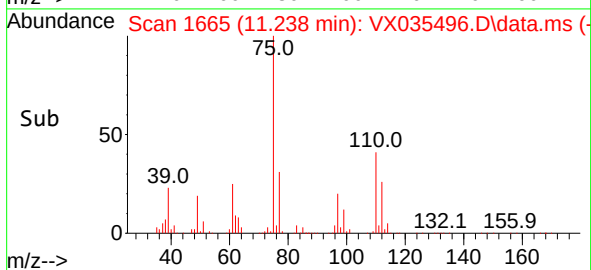
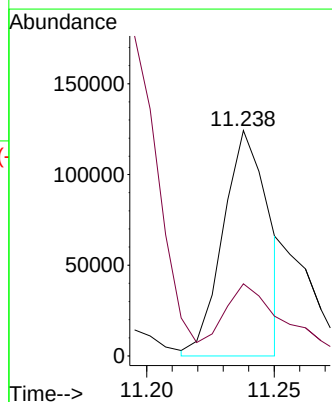
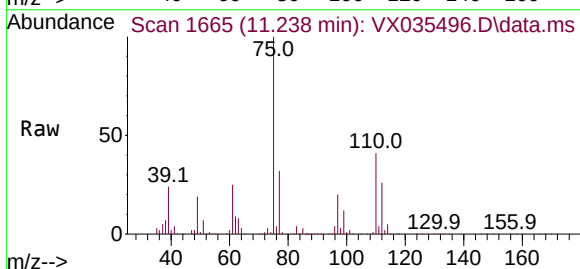
Manual Integrations
APPROVED

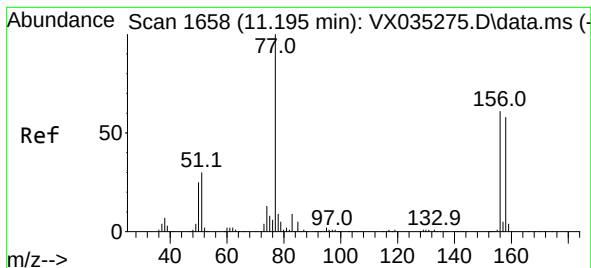
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#76
1,2,3-Trichloropropane
Concen: 51.500 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Tgt Ion: 75 Resp: 153535
Ion Ratio Lower Upper
75 100
77 42.8 21.6 64.8





#77

Bromobenzene

Concen: 54.260 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 14735

Ion Ratio Lower Upper

156 100

77 153.2 86.7 259.9

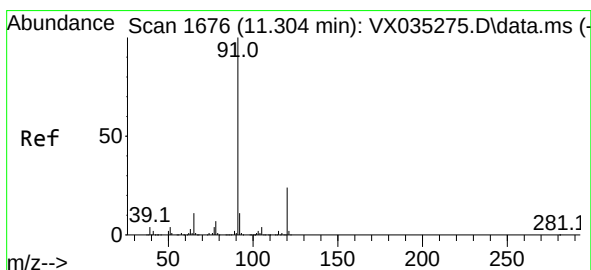
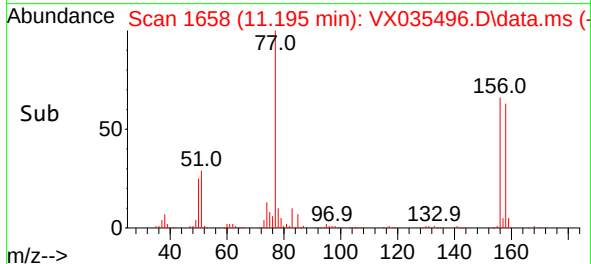
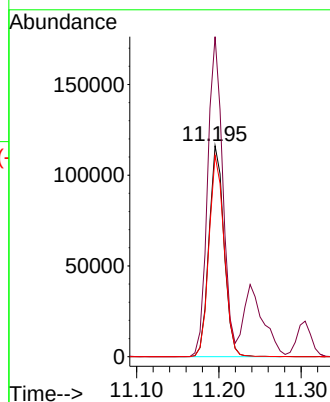
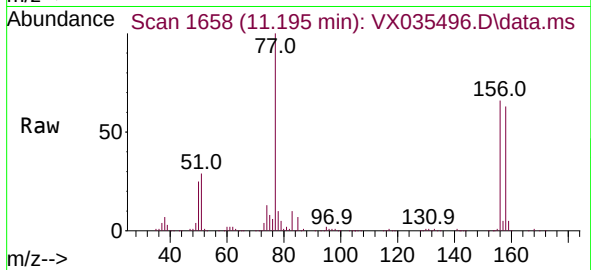
158 96.9 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#78

n-propylbenzene

Concen: 47.760 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX035496.D

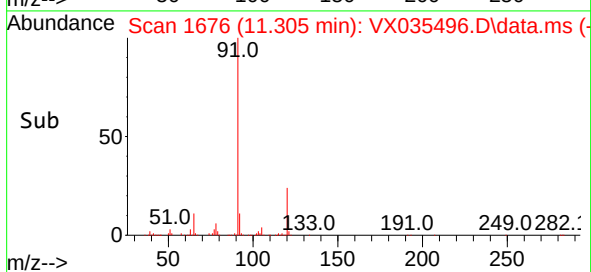
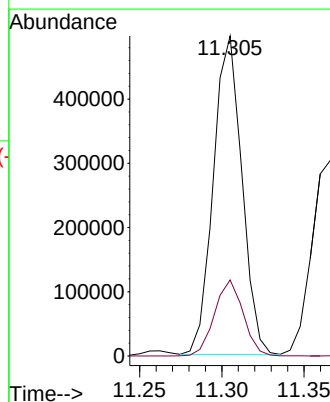
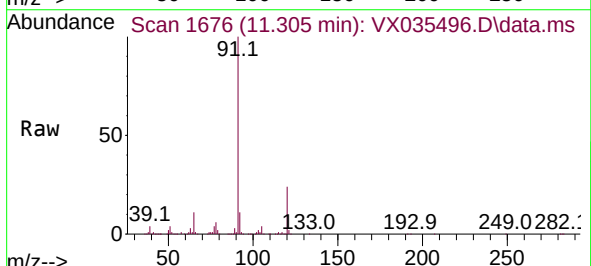
Acq: 03 May 2023 09:37

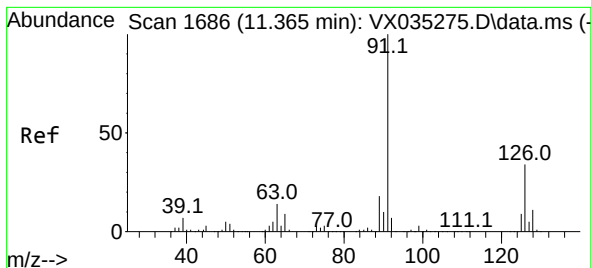
Tgt Ion: 91 Resp: 599245

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.5





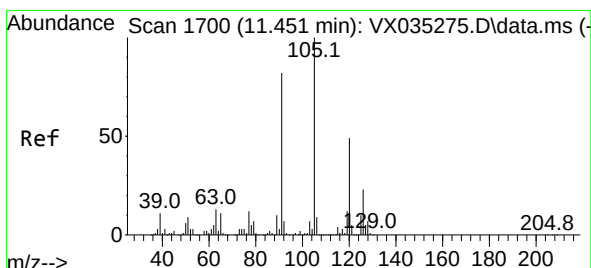
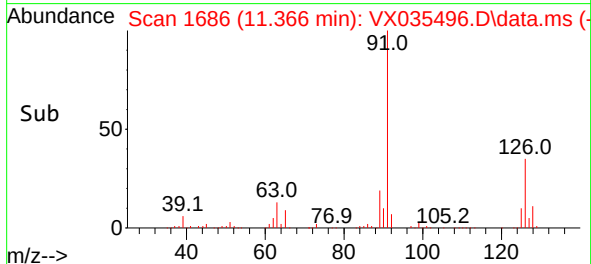
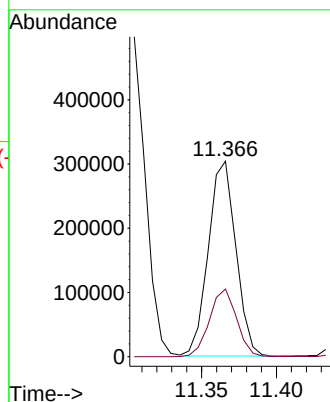
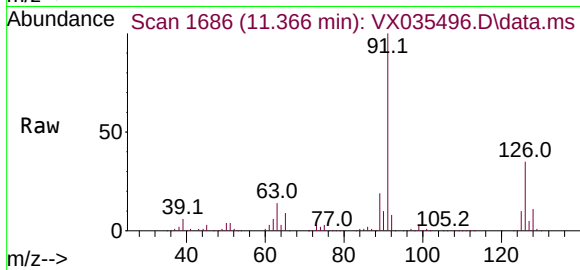
#79
2-Chlorotoluene
Concen: 49.626 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 389090
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.9

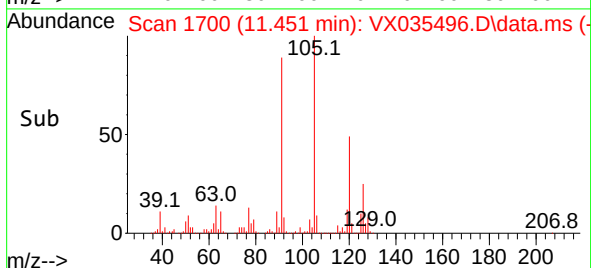
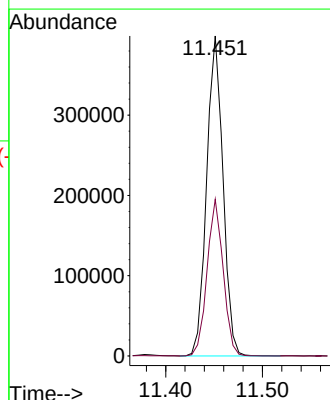
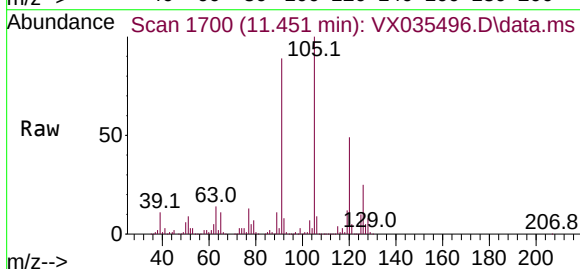
Manual Integrations
APPROVED

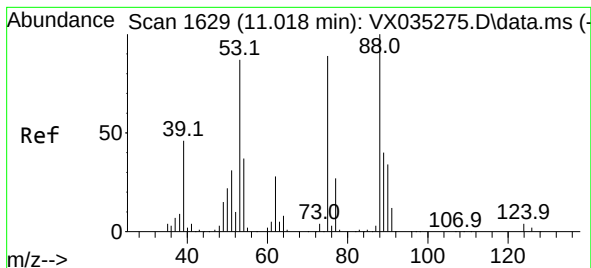
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.911 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Tgt Ion:105 Resp: 468979
Ion Ratio Lower Upper
105 100
120 48.2 23.7 71.1





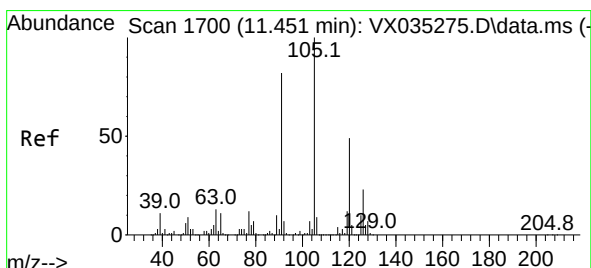
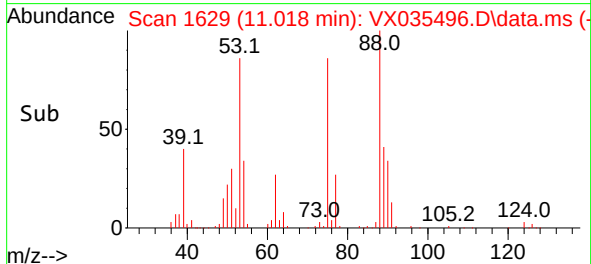
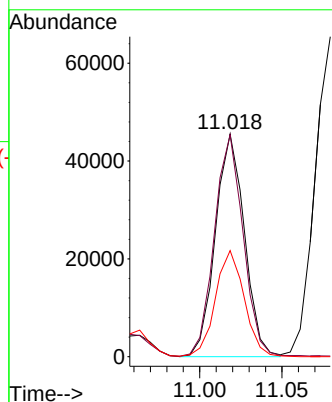
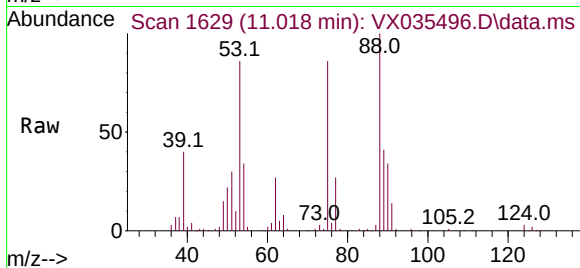
#81
trans-1,4-Dichloro-2-butene
Concen: 60.591 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5577
Ion Ratio Lower Upper
75 100
53 99.5 82.6 124.0
89 47.4 36.9 55.3

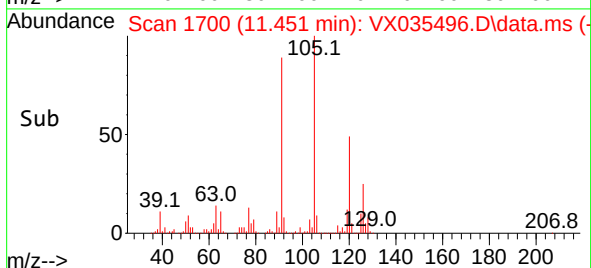
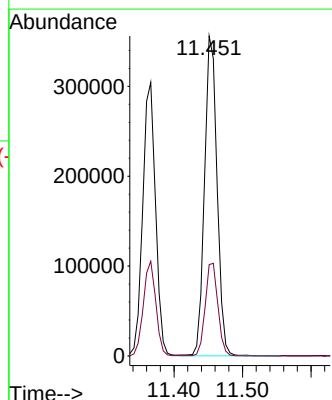
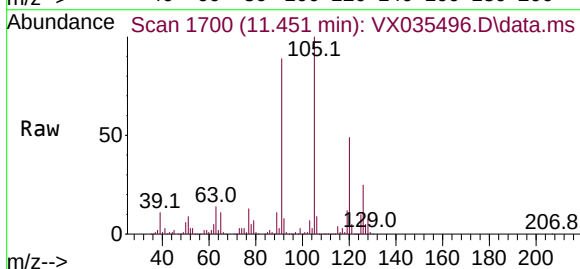
Manual Integrations
APPROVED

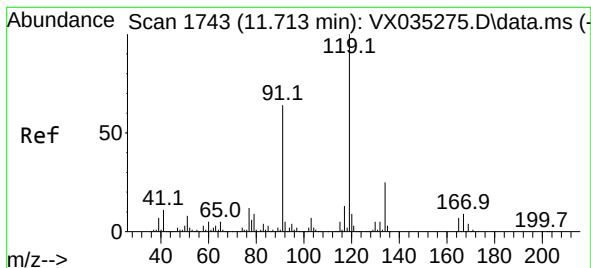
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#82
4-Chlorotoluene
Concen: 51.446 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Tgt Ion: 91 Resp: 453037
Ion Ratio Lower Upper
91 100
126 29.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.137 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 45416

Ion Ratio Lower Upper

119 100

91 57.1 30.6 92.0

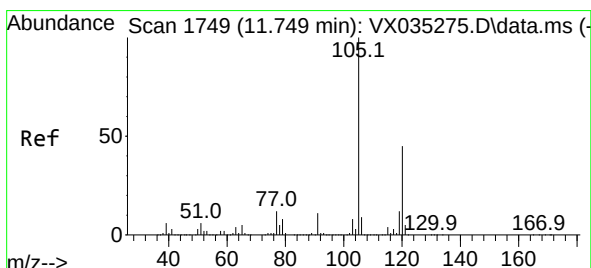
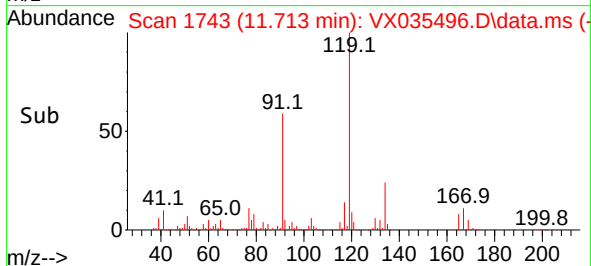
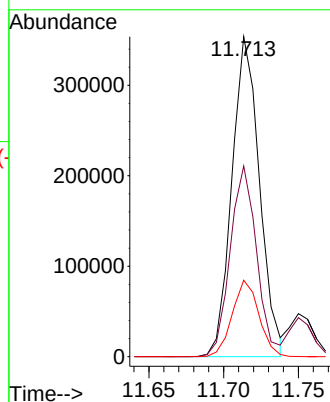
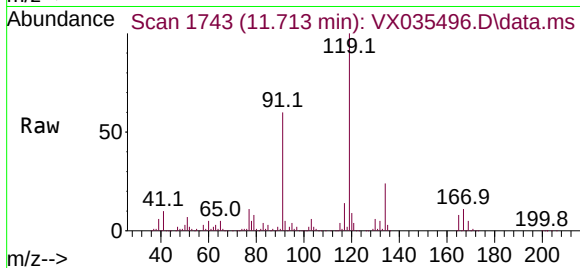
134 23.1 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#84

1,2,4-Trimethylbenzene

Concen: 51.519 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035496.D

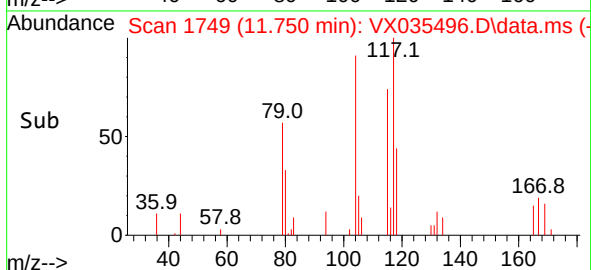
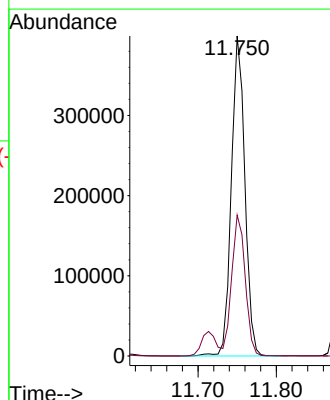
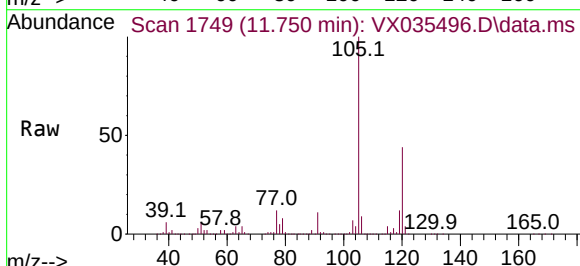
Acq: 03 May 2023 09:37

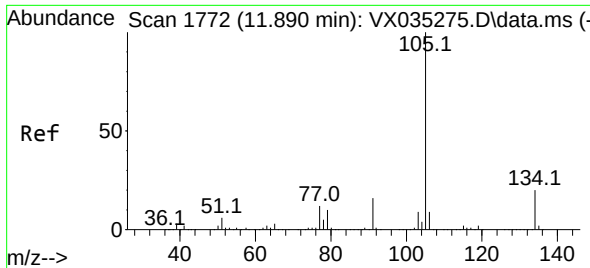
Tgt Ion:105 Resp: 476846

Ion Ratio Lower Upper

105 100

120 43.9 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 45.327 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035496.D
 Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

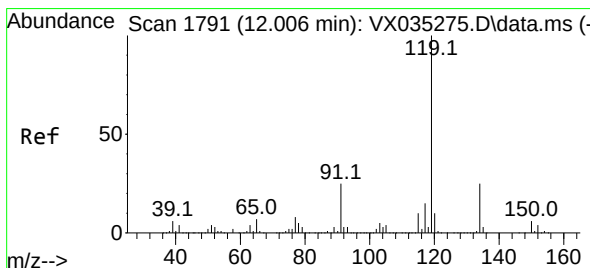
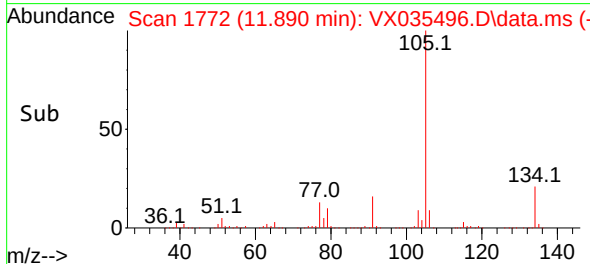
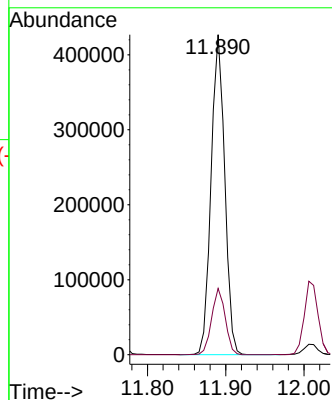
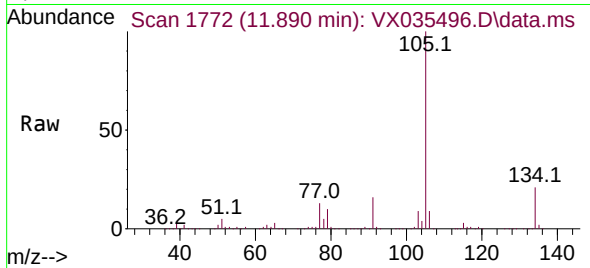
VSTDCCC050

Tgt Ion:105 Resp: 513884
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4

Manual Integrations

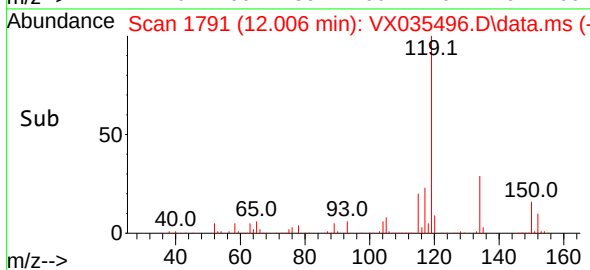
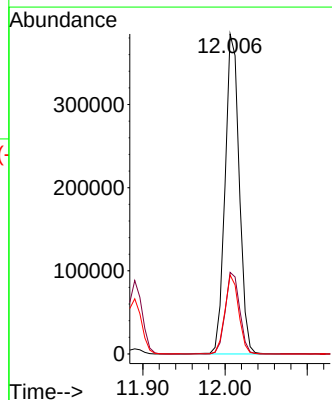
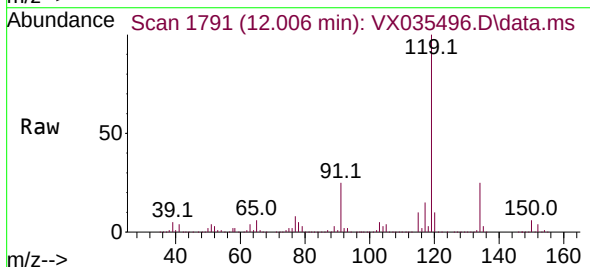
APPROVED

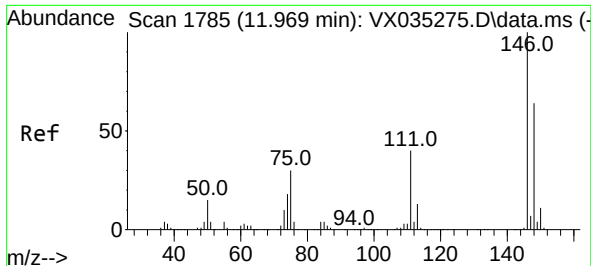
Reviewed By :John Carlone 05/03/2023
 Supervised By :Mahesh Dadoda 05/04/2023



#86
 p-Isopropyltoluene
 Concen: 47.838 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035496.D
 Acq: 03 May 2023 09:37

Tgt Ion:119 Resp: 461272
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 24.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 52.212 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 26946

Ion Ratio Lower Upper

146 100

111 41.2 20.9 62.8

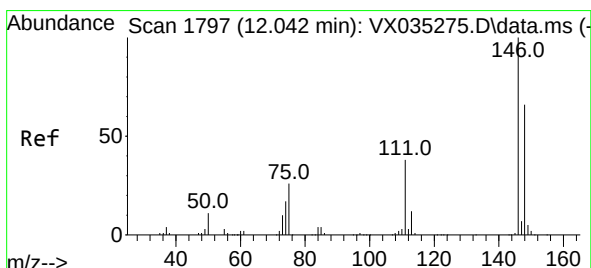
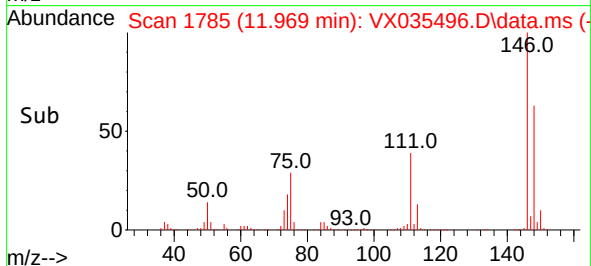
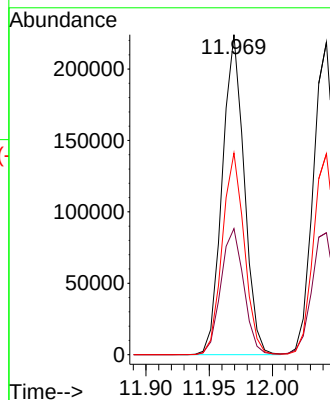
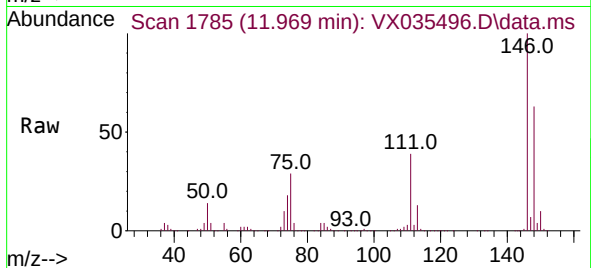
148 63.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#88

1,4-Dichlorobenzene

Concen: 50.135 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035496.D

Acq: 03 May 2023 09:37

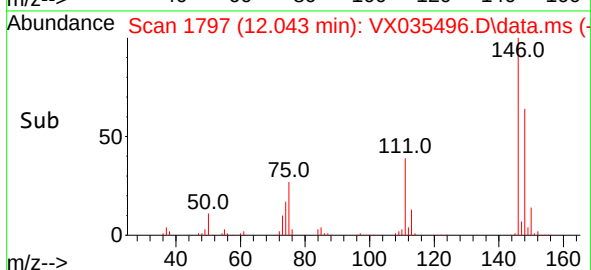
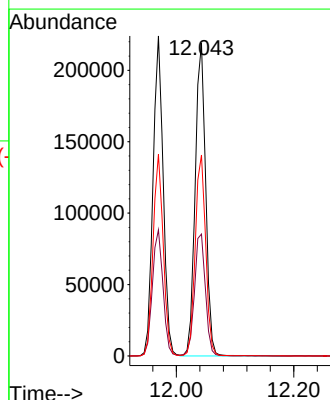
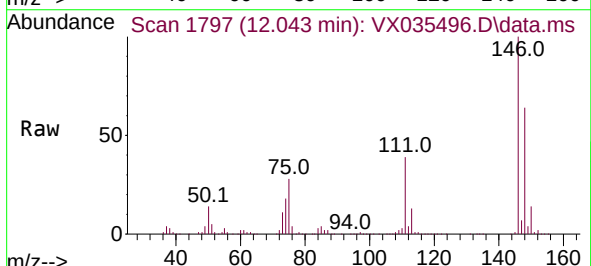
Tgt Ion:146 Resp: 271282

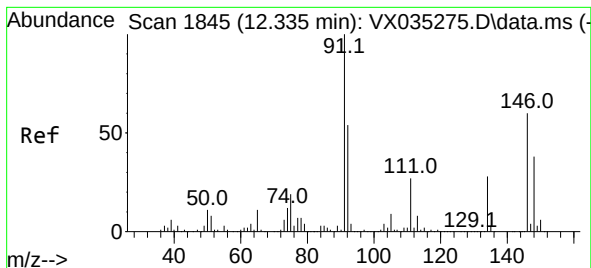
Ion Ratio Lower Upper

146 100

111 40.6 20.6 61.9

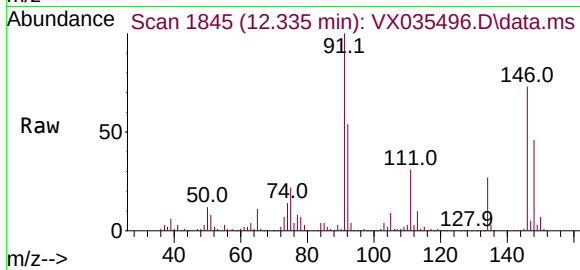
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 45.173 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

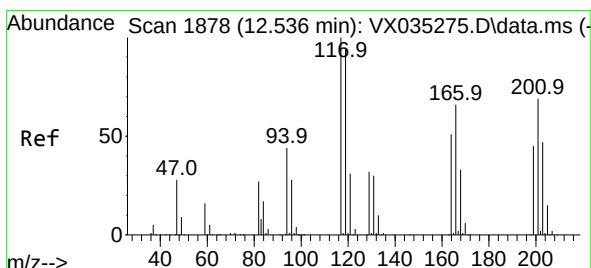
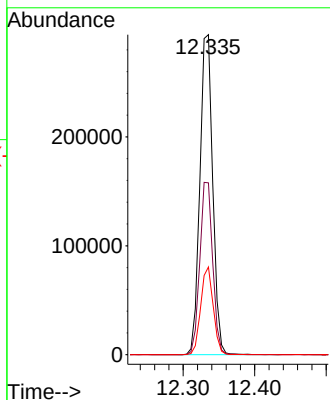
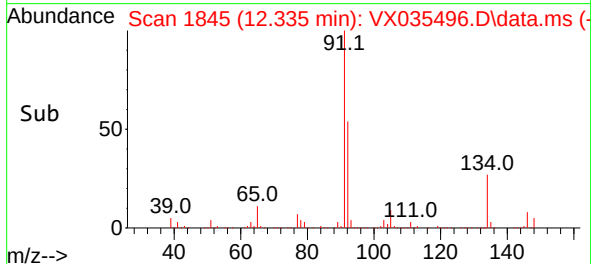
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 36770
Ion Ratio Lower Upper
91 100
92 54.0 27.7 83.0
134 26.6 13.0 38.9

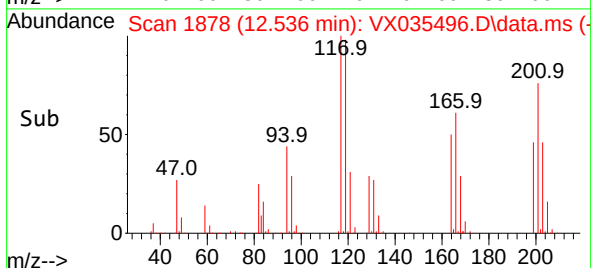
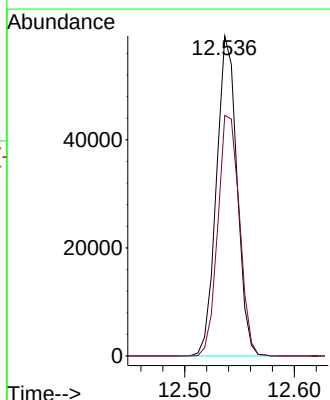
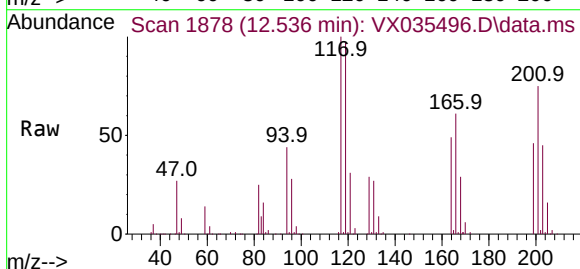
Manual Integrations
APPROVED

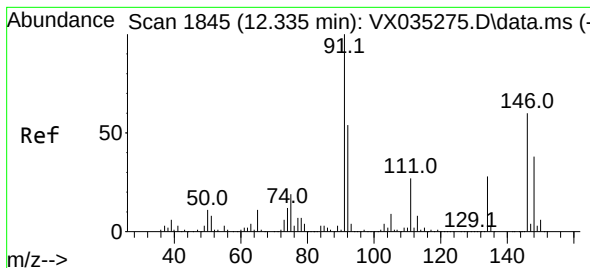
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#90
Hexachloroethane
Concen: 52.257 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Tgt Ion:117 Resp: 77133
Ion Ratio Lower Upper
117 100
201 79.2 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 50.890 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

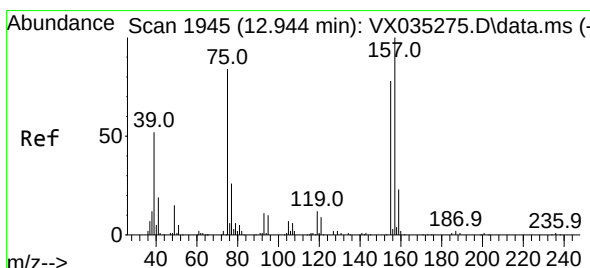
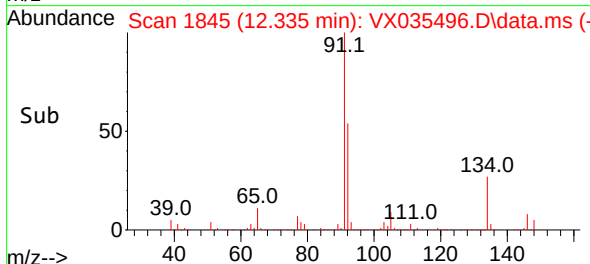
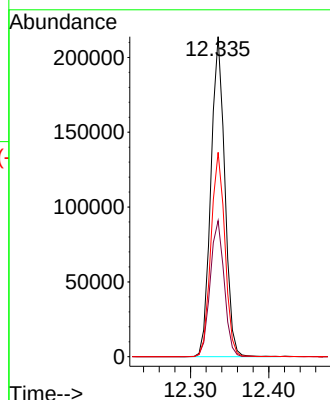
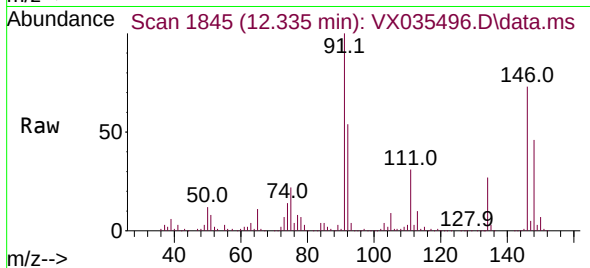
Tgt Ion:146 Resp: 262678
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 64.2 32.0 96.0

Manual Integrations

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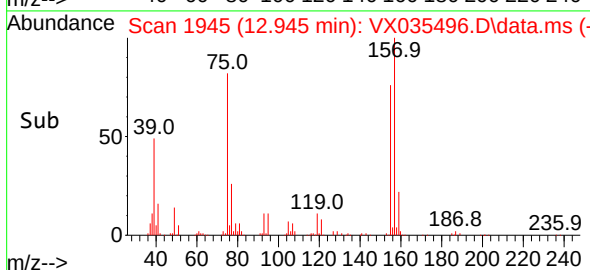
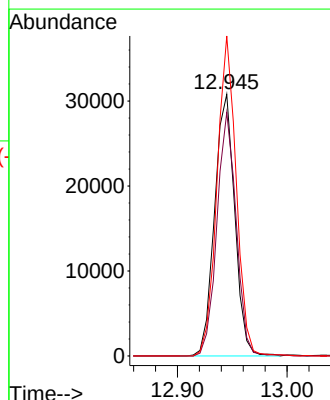
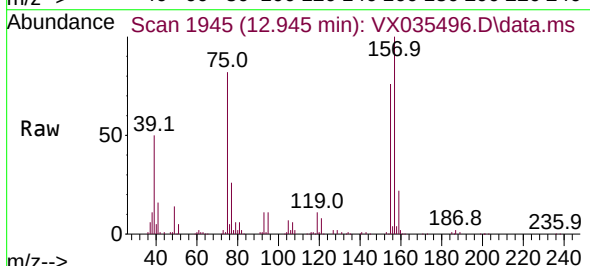
Reviewed By :John Carlone 05/03/2023

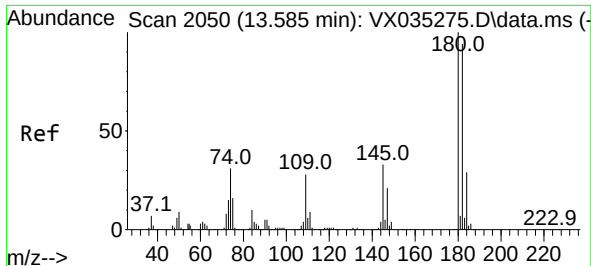
Supervised By :Mahesh Dadoda 05/04/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.902 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

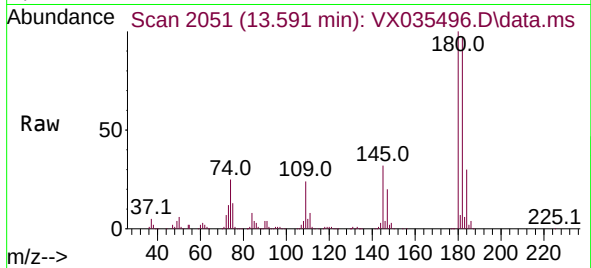
Tgt Ion: 75 Resp: 39370
Ion Ratio Lower Upper
75 100
155 89.0 38.4 115.1
157 116.5 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 50.040 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

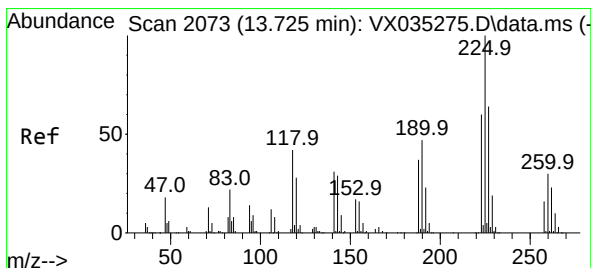
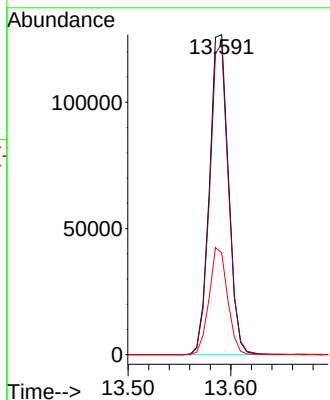
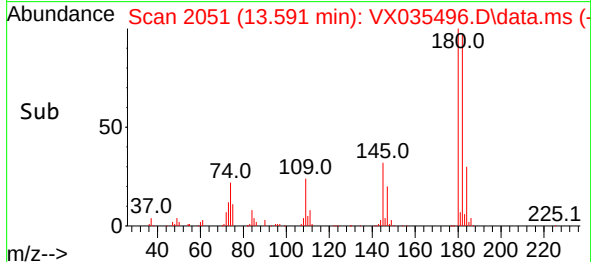
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 16235
Ion Ratio Lower Upper
180 100
182 96.1 47.0 141.0
145 32.5 15.9 47.7

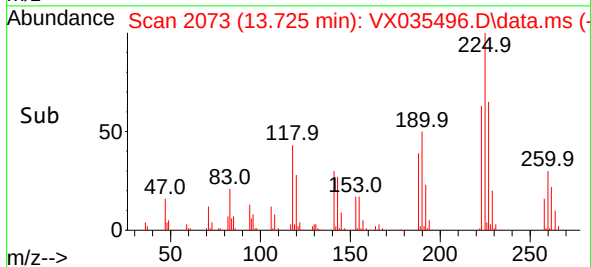
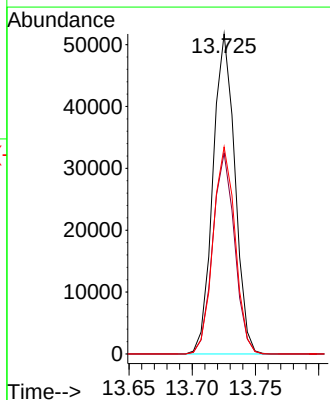
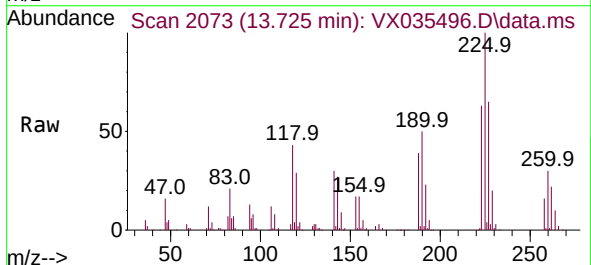
Manual Integrations
APPROVED

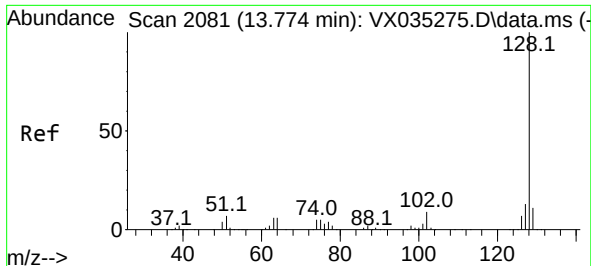
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#94
Hexachlorobutadiene
Concen: 43.765 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

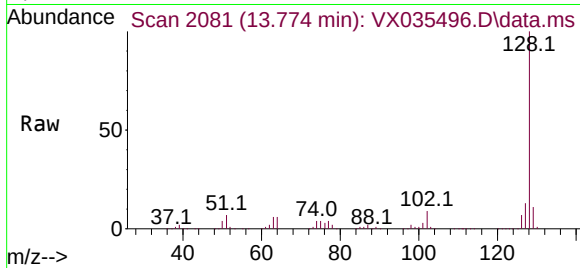
Tgt Ion:225 Resp: 62319
Ion Ratio Lower Upper
225 100
223 62.4 32.1 96.5
227 64.9 31.8 95.4





#95
Naphthalene
Concen: 54.950 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37

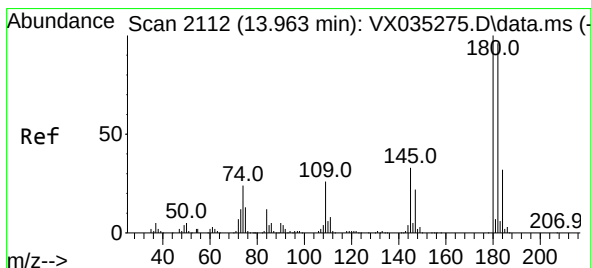
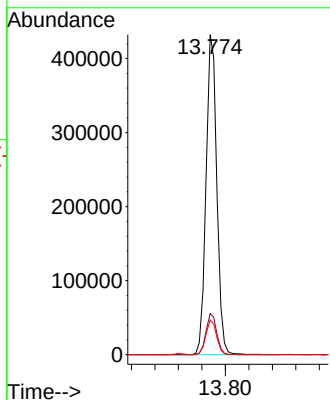
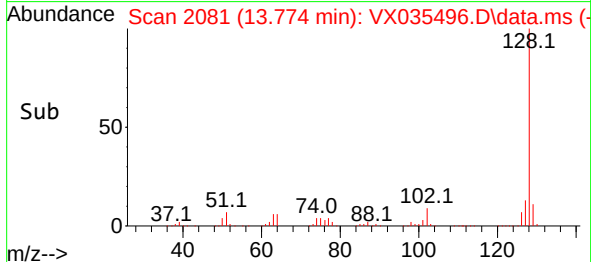
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



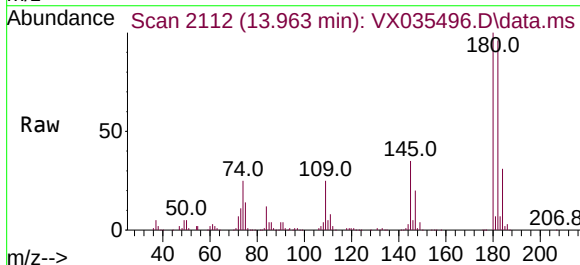
Tgt Ion:128 Resp: 548859
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.896 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035496.D
Acq: 03 May 2023 09:37



Tgt Ion:180 Resp: 159701
Ion Ratio Lower Upper
180 100
182 96.5 48.0 144.2
145 34.1 17.7 53.1

