

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035598.D
 Acq On : 10 May 2023 19:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/11/2023

Quant Time: May 11 04:31:44 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	336095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	533049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	472555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	237923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153169	37.775	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	75.540%#		
35) Dibromofluoromethane	5.385	113	143481	43.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.720%		
50) Toluene-d8	8.647	98	509840	41.310	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	82.620%#		
62) 4-Bromofluorobenzene	11.079	95	201355	43.369	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	137727	38.728	ug/l	99
3) Chloromethane	1.294	50	150094	46.395	ug/l	99
4) Vinyl Chloride	1.374	62	135858	41.870	ug/l	98
5) Bromomethane	1.618	94	75209	34.874	ug/l	98
6) Chloroethane	1.691	64	75759	39.921	ug/l	99
7) Trichlorofluoromethane	1.886	101	212365	41.852	ug/l	99
8) Diethyl Ether	2.130	74	84020	45.414	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	149360	44.071	ug/l	92
10) Methyl Iodide	2.453	142	153656	35.924	ug/l	98
11) Tert butyl alcohol	3.001	59	169705m	229.861	ug/l	
12) 1,1-Dichloroethene	2.319	96	148888	45.611	ug/l	91
13) Acrolein	2.239	56	135383	186.462	ug/l	99
14) Allyl chloride	2.666	41	260072	45.273	ug/l	93
15) Acrylonitrile	3.068	53	431292	233.566	ug/l	100
16) Acetone	2.392	43	331612	188.302	ug/l	96
17) Carbon Disulfide	2.514	76	338601	43.270	ug/l	99
18) Methyl Acetate	2.703	43	325142	47.745	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	547737	48.909	ug/l	98
20) Methylene Chloride	2.788	84	179413	44.431	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	166435	46.945	ug/l	90
22) Diisopropyl ether	3.757	45	532035	46.802	ug/l #	89
23) Vinyl Acetate	3.721	43	1857676	237.741	ug/l	96
24) 1,1-Dichloroethane	3.611	63	300997	47.008	ug/l	99
25) 2-Butanone	4.562	43	560726	218.143	ug/l	93
26) 2,2-Dichloropropane	4.477	77	238878	47.619	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	203245	48.771	ug/l	91
28) Bromochloromethane	4.891	49	106163	38.906	ug/l #	77
29) Tetrahydrofuran	5.007	42	367186	222.837	ug/l	92
30) Chloroform	5.093	83	311711	48.222	ug/l	98
31) Cyclohexane	5.470	56	257084	44.696	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	272969	48.186	ug/l	96
36) 1,1-Dichloropropene	5.690	75	224357	43.918	ug/l	96
37) Ethyl Acetate	4.715	43	216501	46.401	ug/l #	94
38) Carbon Tetrachloride	5.678	117	230638	47.558	ug/l	96
39) Methylcyclohexane	7.379	83	283684	45.620	ug/l	97
40) Benzene	6.037	78	693449	47.319	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	130347	48.755	ug/l	95
42) 1,2-Dichloroethane	6.086	62	230703	44.152	ug/l	95
43) Isopropyl Acetate	6.336	43	378966	48.337	ug/l #	93
44) Trichloroethene	7.123	130	200546	49.676	ug/l	93
45) 1,2-Dichloropropane	7.427	63	178403	48.287	ug/l	98
46) Dibromomethane	7.580	93	124782	49.182	ug/l #	89
47) Bromodichloromethane	7.818	83	234720	50.212	ug/l	97
48) Methyl methacrylate	7.690	41	185771	48.305	ug/l	88
49) 1,4-Dioxane	7.714	88	76600	817.135	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	1111002	230.657	ug/l	93
52) Toluene	8.720	92	452650	48.728	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	267685	54.833	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	293890	53.261	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	185399	50.065	ug/l	97
56) Ethyl methacrylate	9.116	69	280243	50.801	ug/l #	85
57) 1,3-Dichloropropane	9.305	76	306691	48.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	692258	250.971	ug/l	91
59) 2-Hexanone	9.433	43	814670	225.139	ug/l	91
60) Dibromochloromethane	9.519	129	192580	54.278	ug/l	99
61) 1,2-Dibromoethane	9.610	107	193890	50.789	ug/l	98
64) Tetrachloroethene	9.275	164	165455	45.728	ug/l	98
65) Chlorobenzene	10.079	112	497526	48.663	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	187135	52.593	ug/l	99
67) Ethyl Benzene	10.195	91	859502	48.544	ug/l	100
68) m/p-Xylenes	10.299	106	676734	99.749	ug/l	94
69) o-Xylene	10.640	106	341036	51.262	ug/l	93
70) Styrene	10.652	104	559506	51.870	ug/l	96
71) Bromoform	10.799	173	143509	57.985	ug/l	99
73) Isopropylbenzene	10.963	105	863054	49.624	ug/l	99
74) N-amyl acetate	10.841	43	318336	48.705	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	270006	50.018	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	218807m	46.103	ug/l	
77) Bromobenzene	11.195	156	224576	51.946	ug/l	87
78) n-propylbenzene	11.305	91	968076	48.466	ug/l	97
79) 2-Chlorotoluene	11.366	91	591837	47.417	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	737047	50.260	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	81253	55.449	ug/l	91
82) 4-Chlorotoluene	11.451	91	675150	48.160	ug/l	95
83) tert-Butylbenzene	11.713	119	746998	50.768	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	743440	50.455	ug/l	99
85) sec-Butylbenzene	11.890	105	900595	49.899	ug/l	98
86) p-Isopropyltoluene	12.006	119	784984	51.138	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	417132	50.771	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	417102	48.420	ug/l	98
89) n-Butylbenzene	12.329	91	642499	49.582	ug/l	98
90) Hexachloroethane	12.536	117	122883	52.295	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	413074	50.269	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	53913	49.807	ug/l	73
93) 1,2,4-Trichlorobenzene	13.585	180	274860	53.214	ug/l	99
94) Hexachlorobutadiene	13.725	225	110003	48.526	ug/l	100
95) Naphthalene	13.774	128	849253	53.409	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	265265	51.017	ug/l	98

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

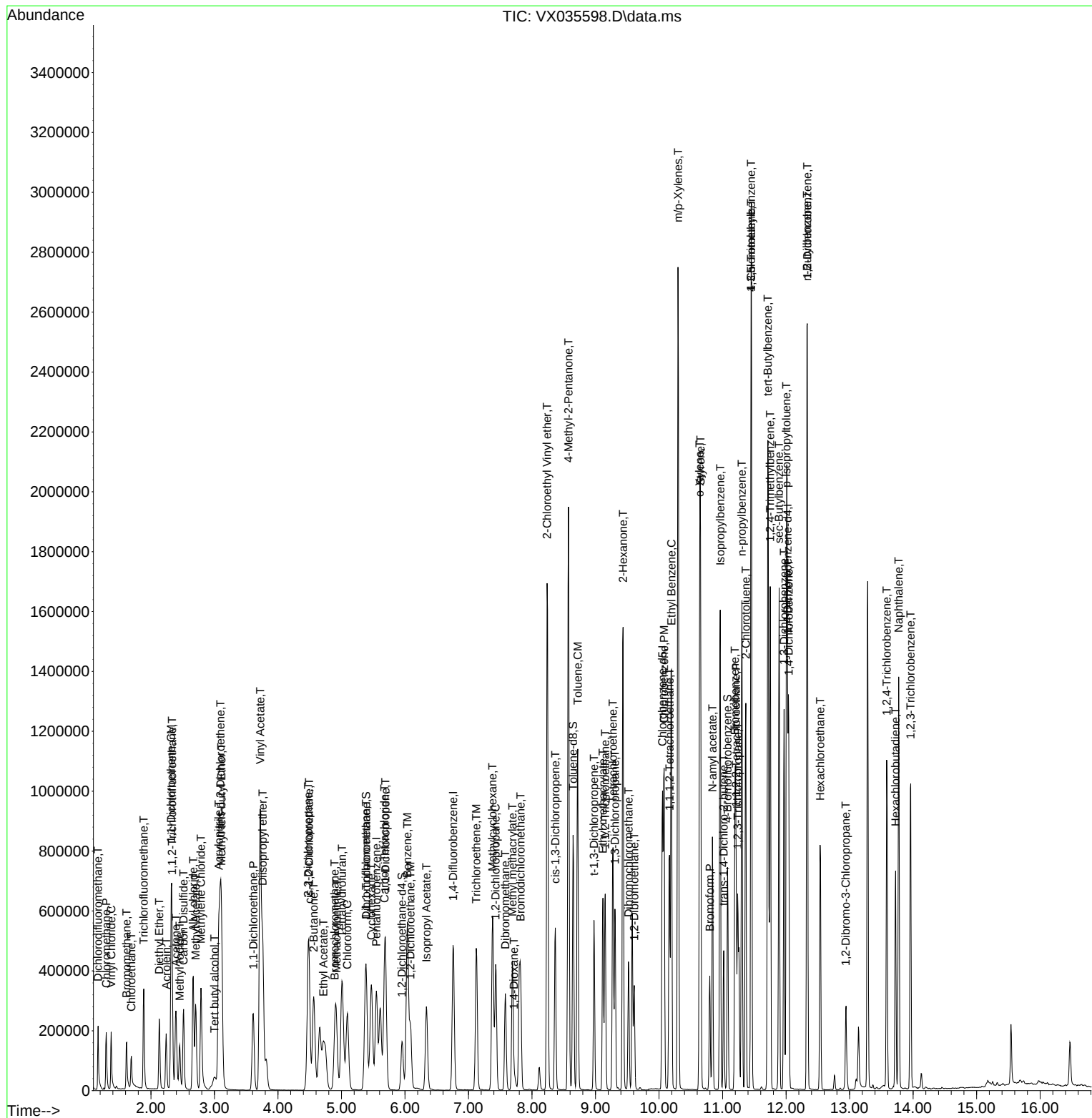
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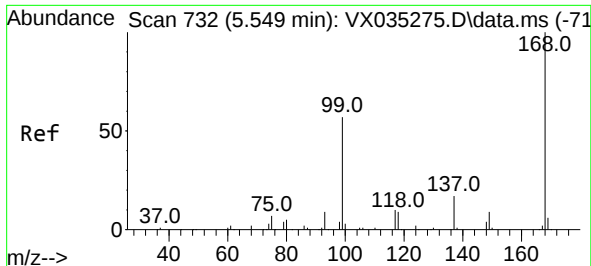
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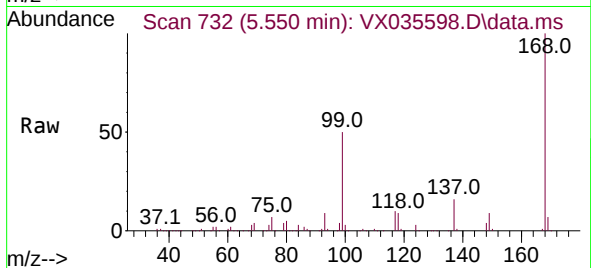
Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/11/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035598.D
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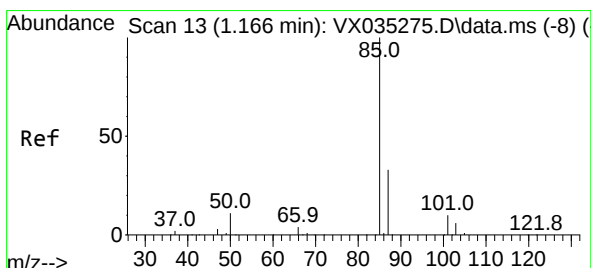
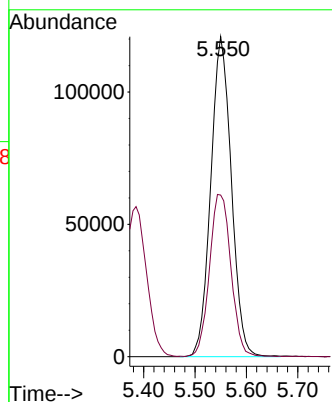
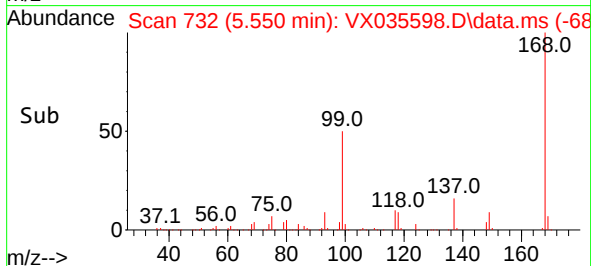
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 33609
Ion Ratio Lower Upper
168 100
99 50.3 45.7 68.5

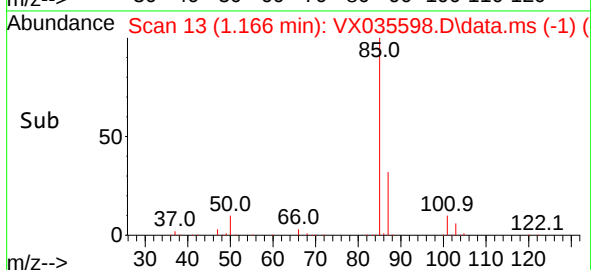
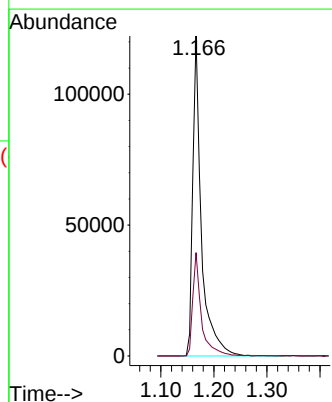
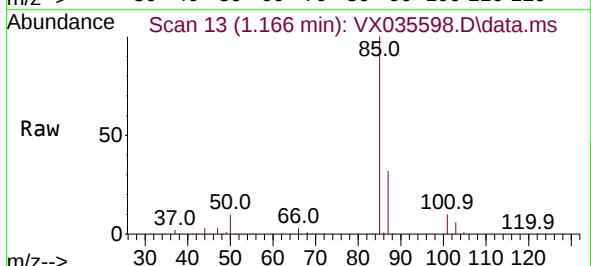
Manual Integrations
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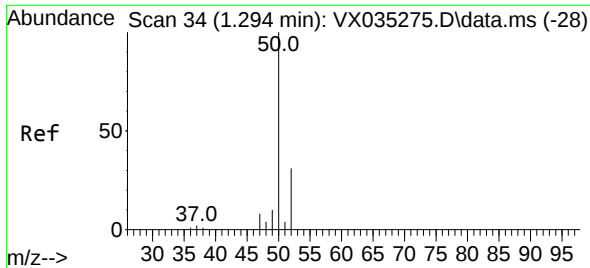
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#2
Dichlorodifluoromethane
Concen: 38.728 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

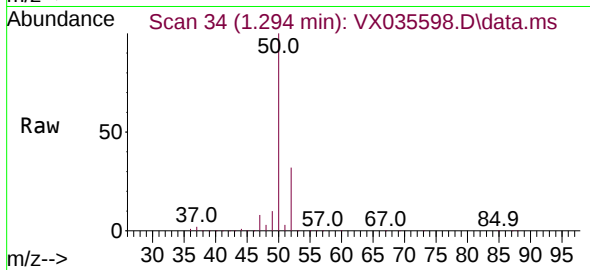
Tgt Ion: 85 Resp: 137727
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.1





#3
Chloromethane
Concen: 46.395 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

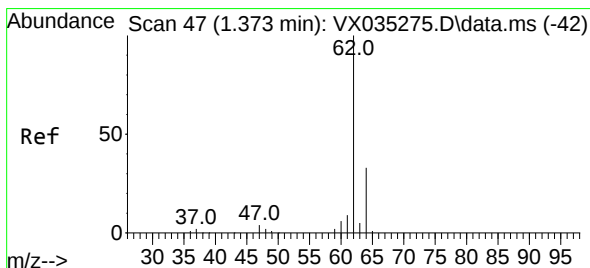
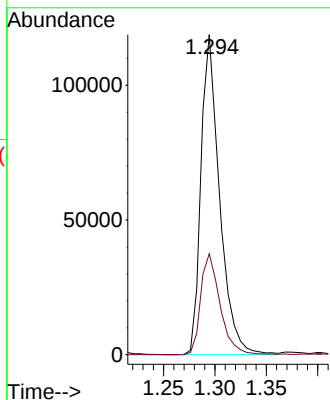
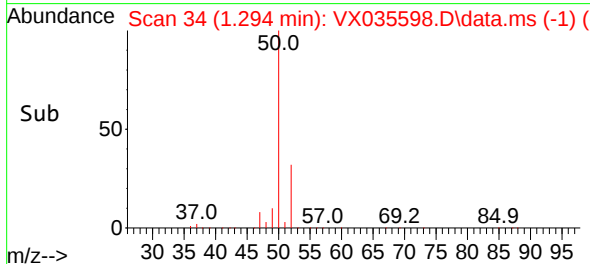
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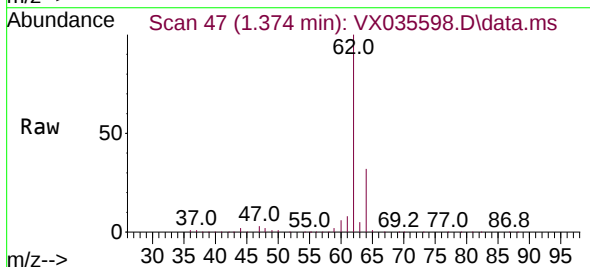
Tgt Ion: 50 Resp: 150094
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9

Manual Integrations
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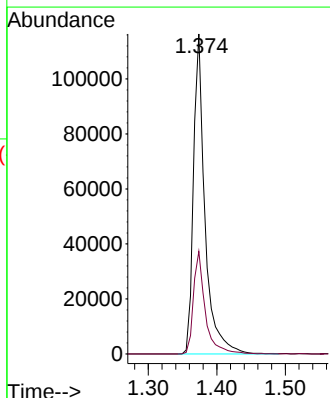
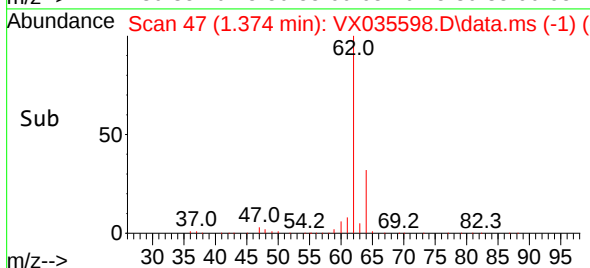
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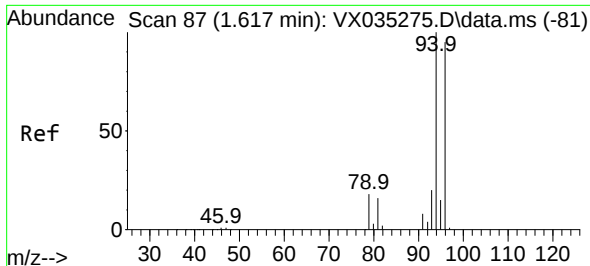


#4
Vinyl Chloride
Concen: 41.870 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52



Tgt Ion: 62 Resp: 135858
Ion Ratio Lower Upper
62 100
64 32.1 26.4 39.6





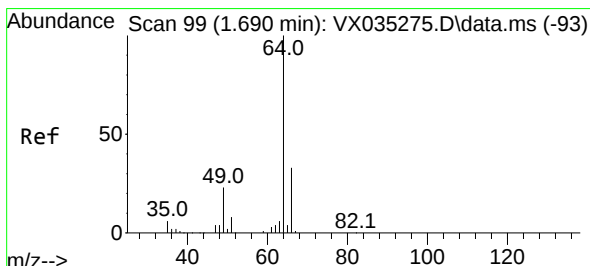
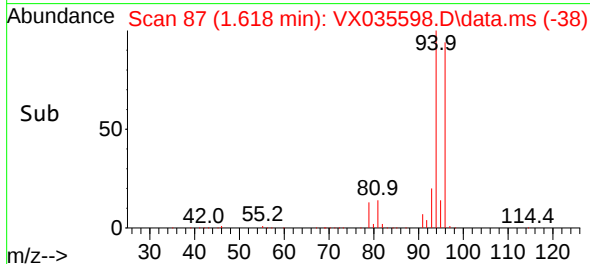
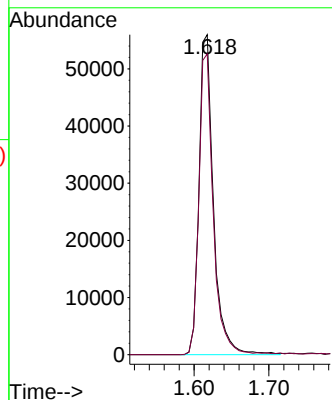
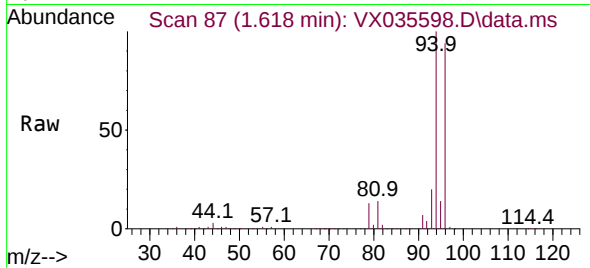
#5
Bromomethane
Concen: 34.874 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX035598.D
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Tgt Ion: 94 Resp: 75209
Ion Ratio Lower Upper
94 100
96 94.0 77.0 115.6

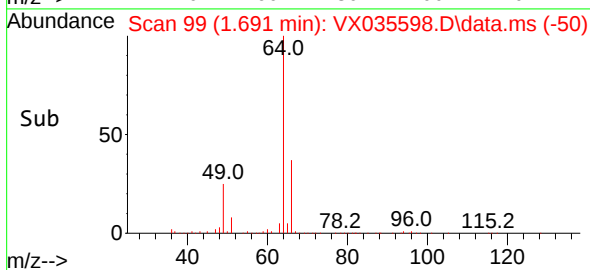
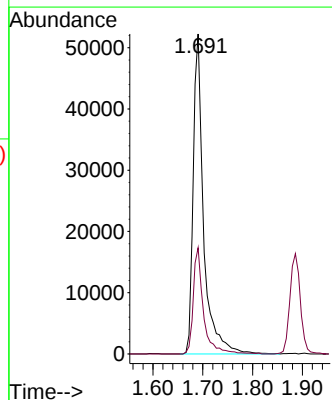
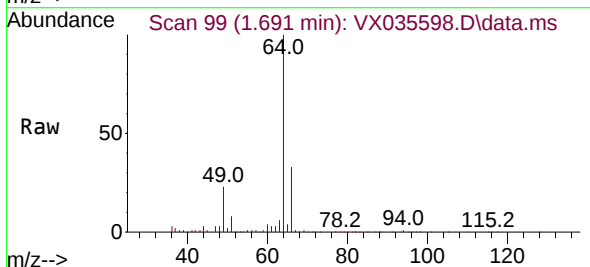
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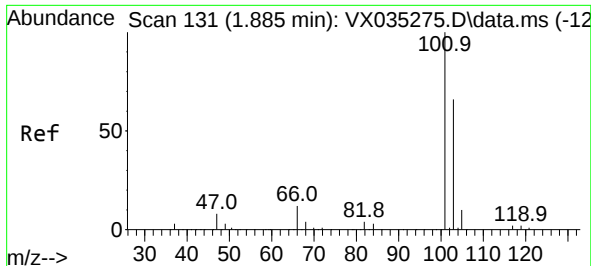
Reviewed By :John Carlone 05/11/2023
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#6
Chloroethane
Concen: 39.921 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

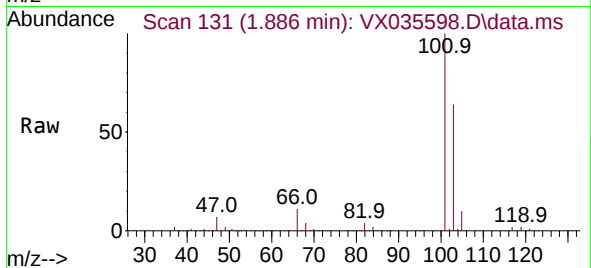
Tgt Ion: 64 Resp: 75759
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 41.852 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

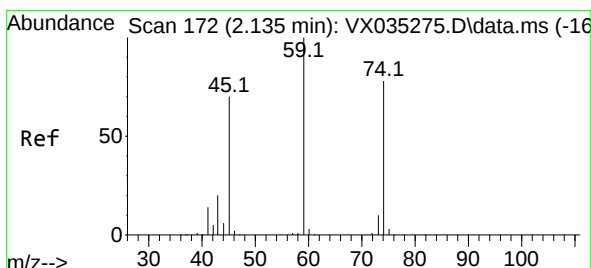
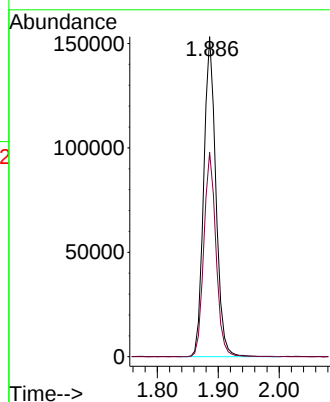
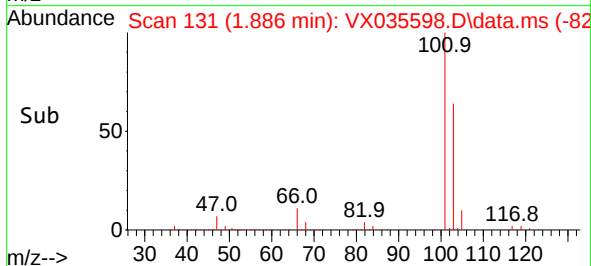
Instrument :
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Tgt Ion:101 Resp: 21236
Ion Ratio Lower Upper
101 100
103 63.9 52.0 78.0

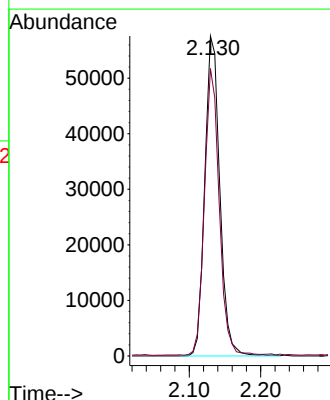
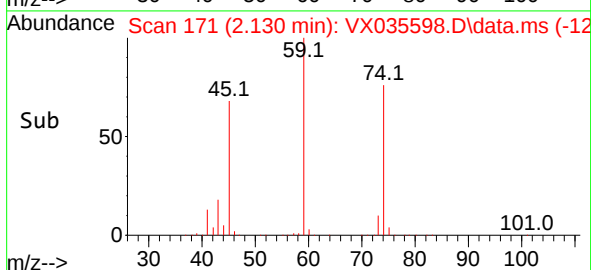
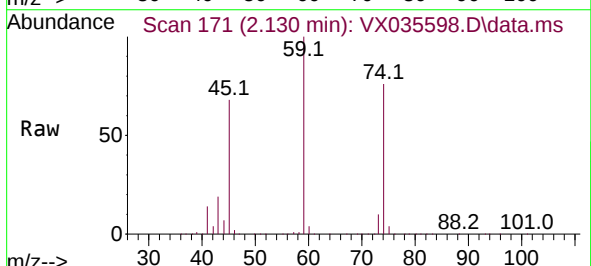
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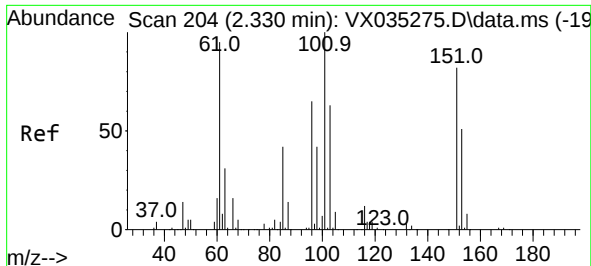
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#8
Diethyl Ether
Concen: 45.414 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX035598.D
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Tgt Ion: 74 Resp: 84020
Ion Ratio Lower Upper
74 100
45 87.7 49.8 149.3





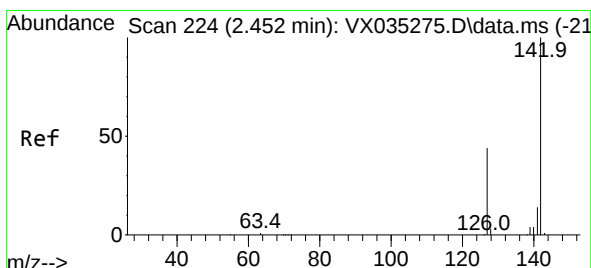
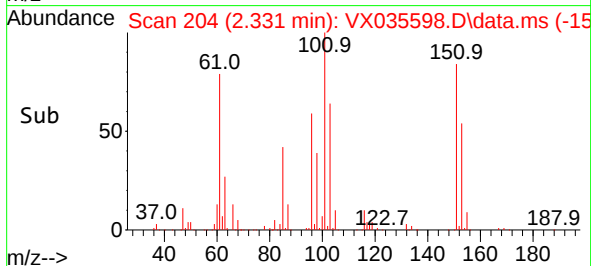
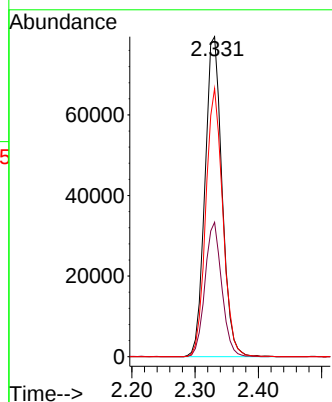
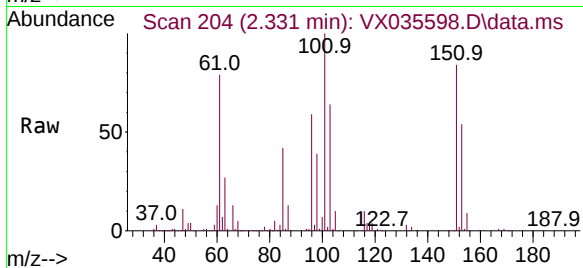
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.071 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 149360
Ion Ratio Lower Upper
101 100
85 41.3 35.4 53.2
151 83.3 60.2 90.4

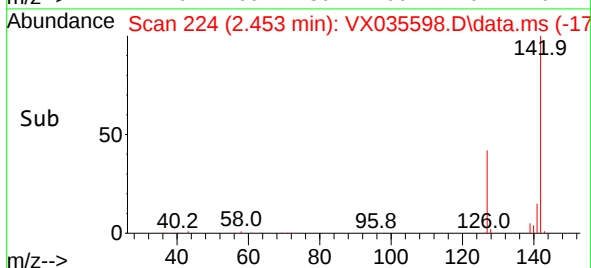
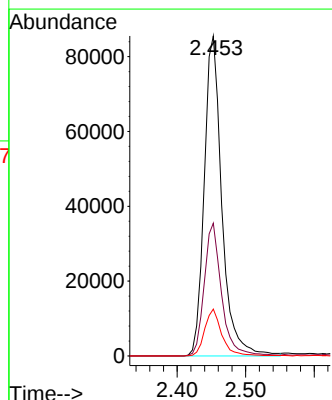
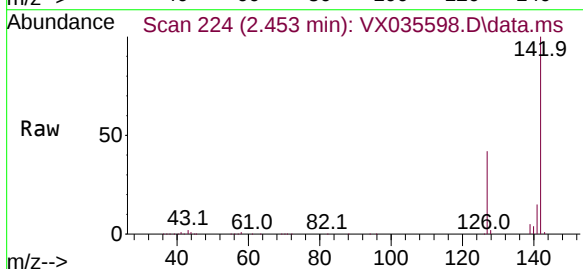
Manual Integrations
APPROVED

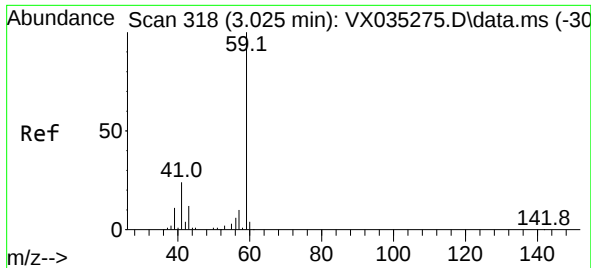
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#10
Methyl Iodide
Concen: 35.924 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Tgt Ion:142 Resp: 153656
Ion Ratio Lower Upper
142 100
127 40.8 34.0 51.0
141 14.3 11.1 16.7





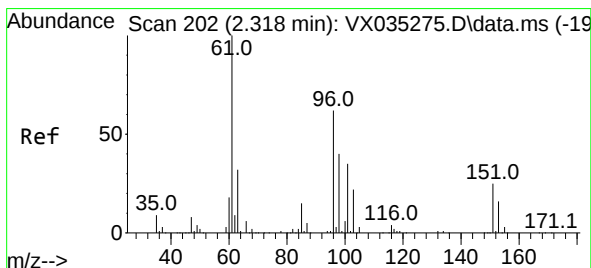
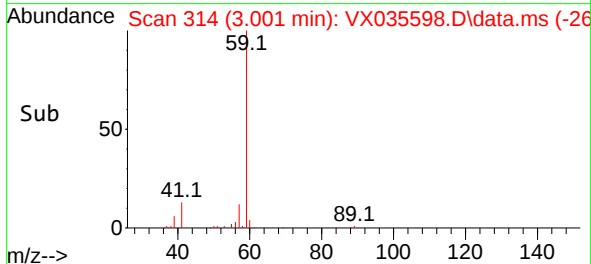
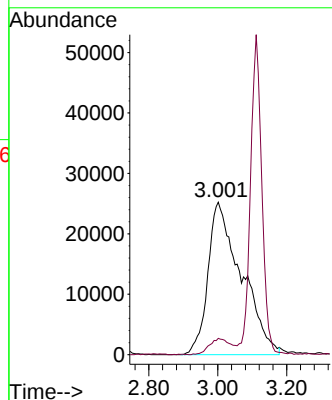
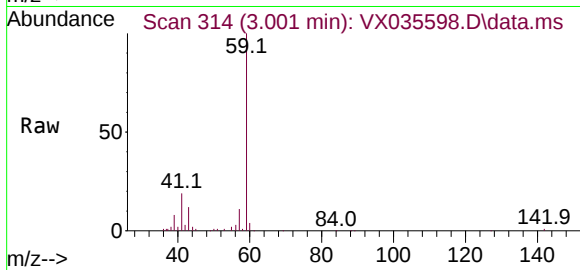
#11
Tert butyl alcohol
Concen: 229.861 ug/l m
RT: 3.001 min Scan# 318
Delta R.T. -0.024 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 16970
Ion Ratio Lower Upper
59 100
57 7.0 8.1 12.1

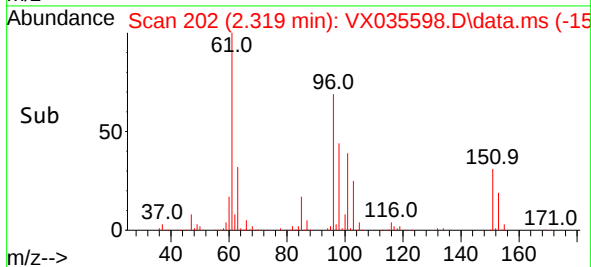
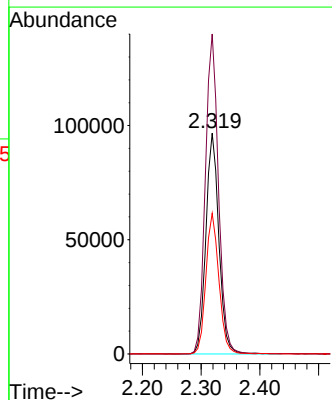
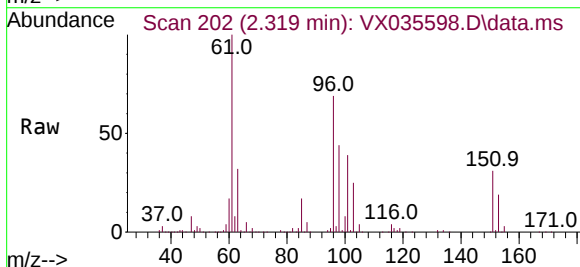
Manual Integrations
APPROVED

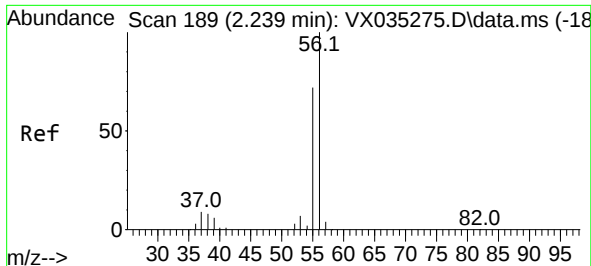
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#12
1,1-Dichloroethene
Concen: 45.611 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

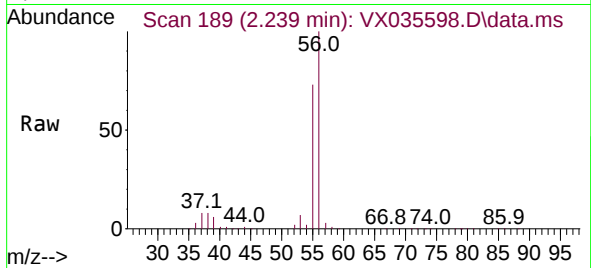
Tgt Ion: 96 Resp: 148888
Ion Ratio Lower Upper
96 100
61 145.0 128.8 193.2
98 63.7 51.4 77.0





#13
Acrolein
Concen: 186.462 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

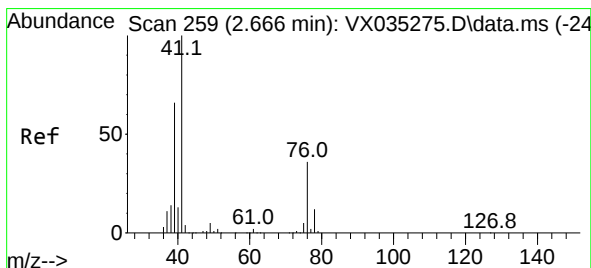
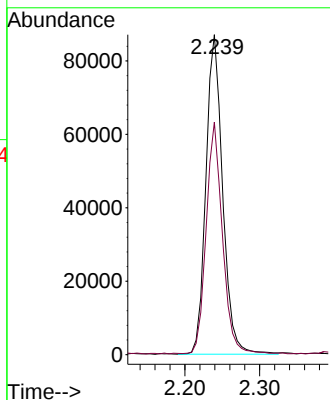
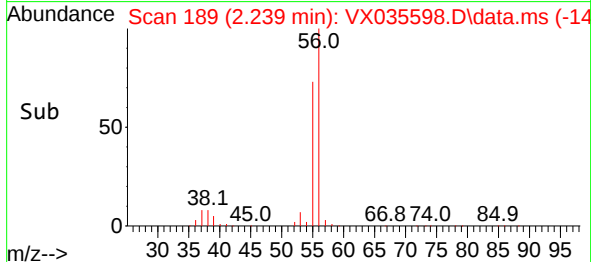
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



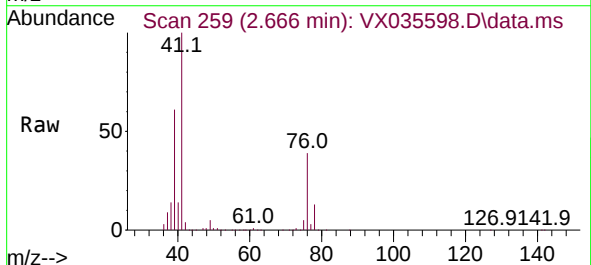
Tgt Ion: 56 Resp: 13538
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0

Manual Integrations
APPROVED

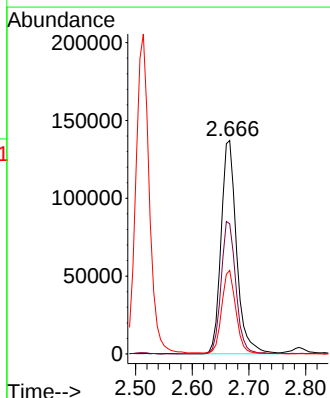
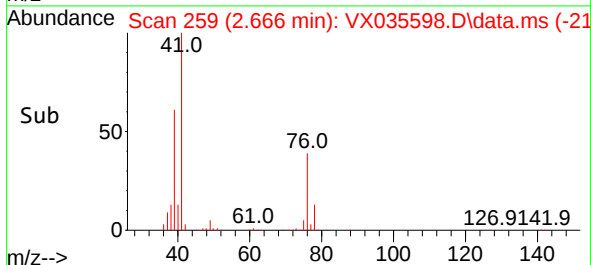
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

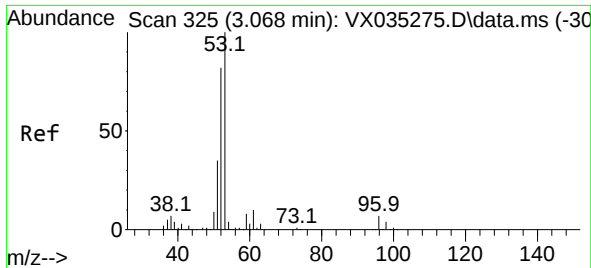


#14
Allyl chloride
Concen: 45.273 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52



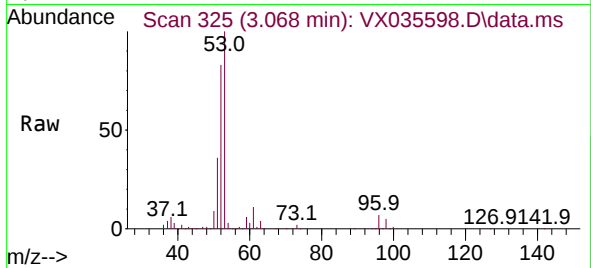
Tgt Ion: 41 Resp: 260072
Ion Ratio Lower Upper
41 100
39 58.9 52.4 78.6
76 35.3 26.0 39.0





#15
Acrylonitrile
Concen: 233.566 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

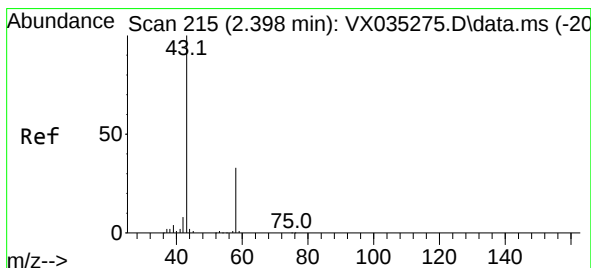
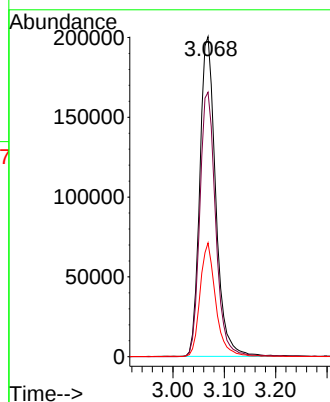
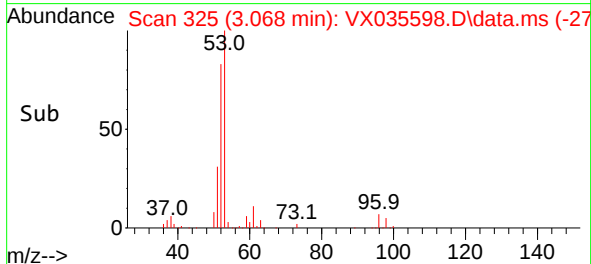
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 431292
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.2
51 34.8 28.3 42.5

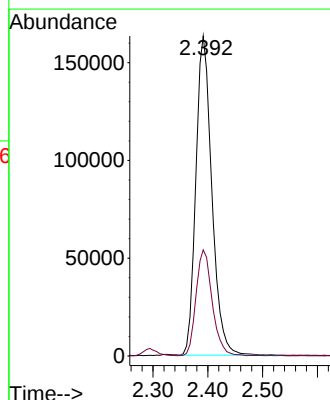
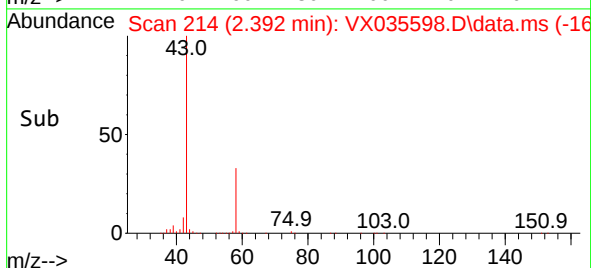
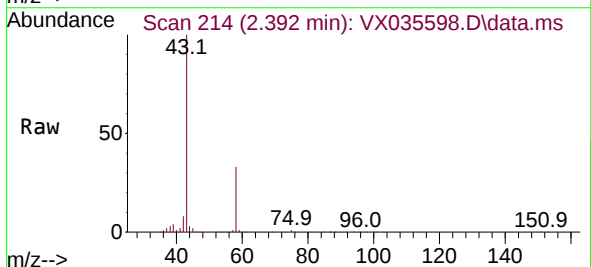
Manual Integrations
APPROVED

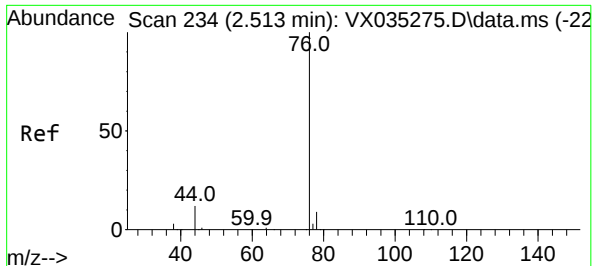
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#16
Acetone
Concen: 188.302 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Tgt Ion: 43 Resp: 331612
Ion Ratio Lower Upper
43 100
58 33.1 24.7 37.1





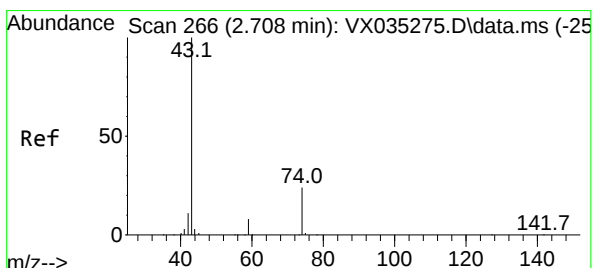
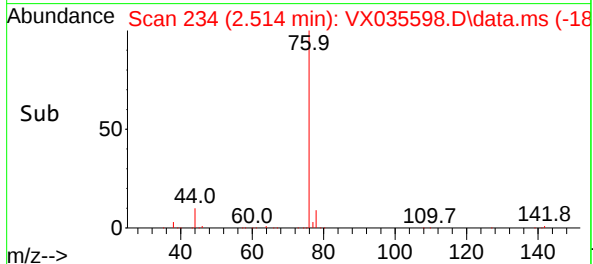
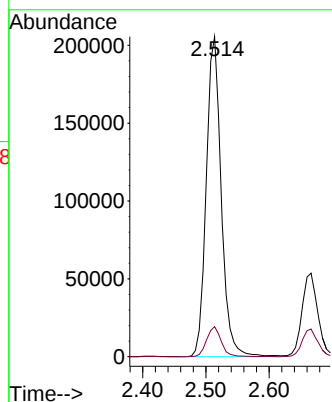
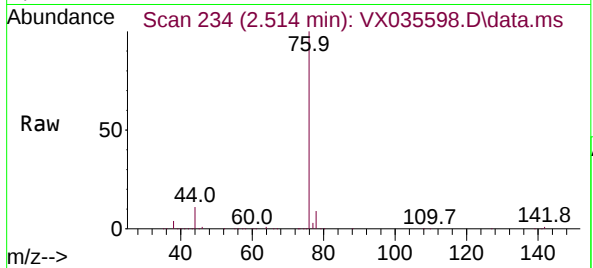
#17
Carbon Disulfide
Concen: 43.270 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 33860
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

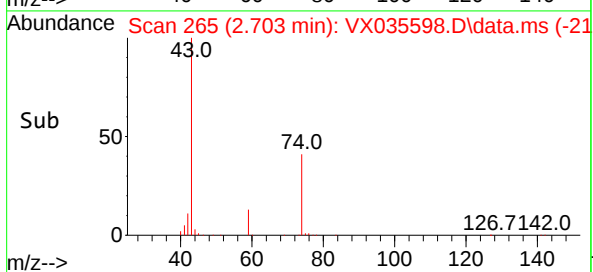
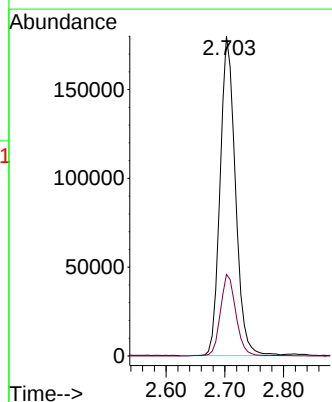
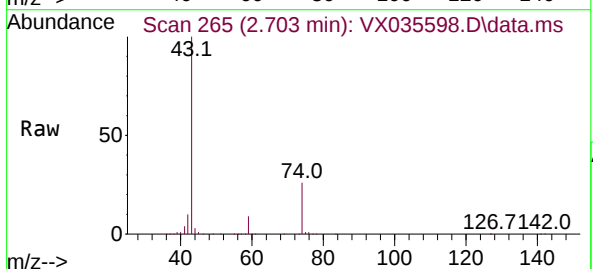
Manual Integrations
APPROVED

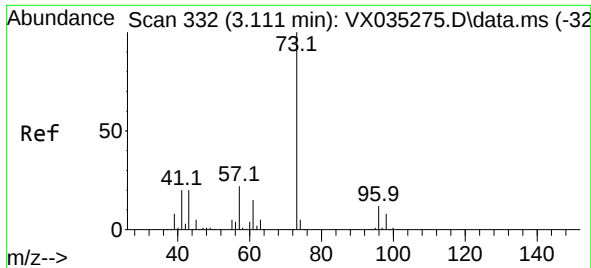
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#18
Methyl Acetate
Concen: 47.745 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.005 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

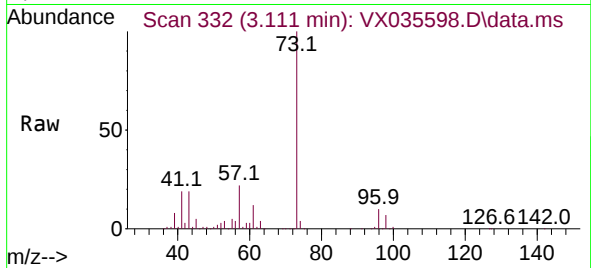
Tgt Ion: 43 Resp: 325142
Ion Ratio Lower Upper
43 100
74 26.0 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 48.909 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

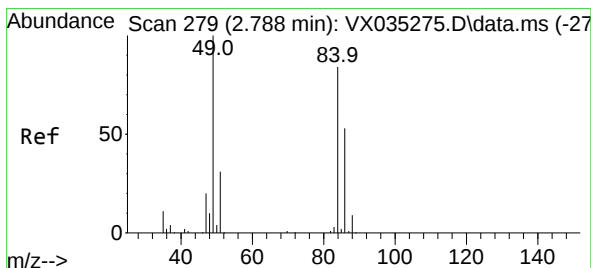
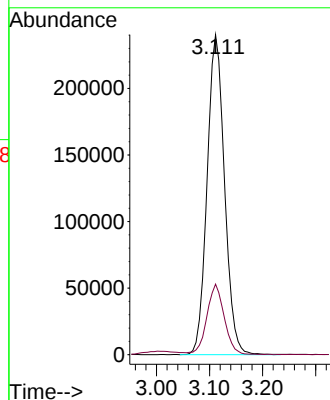
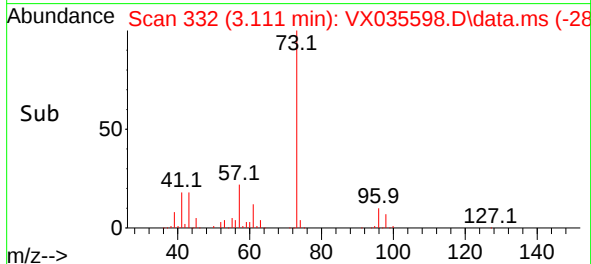
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 54773
Ion Ratio Lower Upper
73 100
57 22.0 18.5 27.7

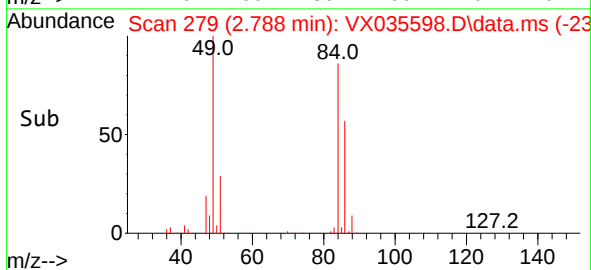
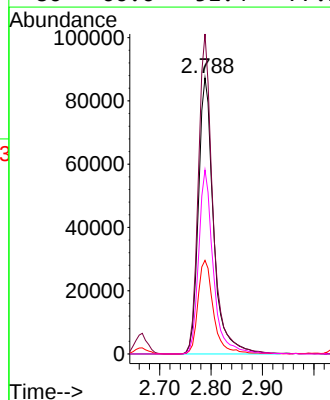
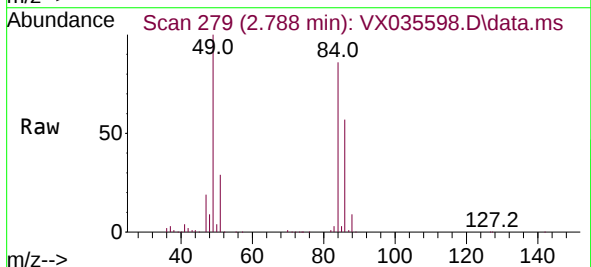
Manual Integrations
APPROVED

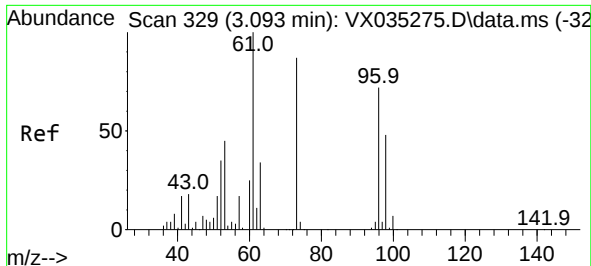
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#20
Methylene Chloride
Concen: 44.431 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

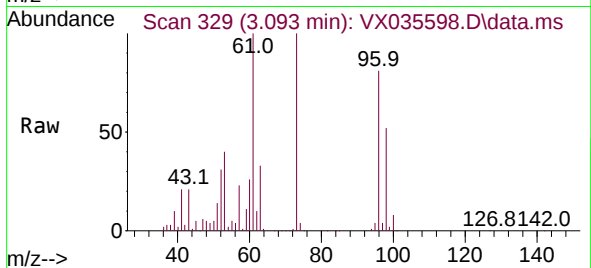
Tgt Ion: 84 Resp: 179413
Ion Ratio Lower Upper
84 100
49 115.9 103.8 155.8
51 33.9 31.8 47.8
86 66.6 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 46.945 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

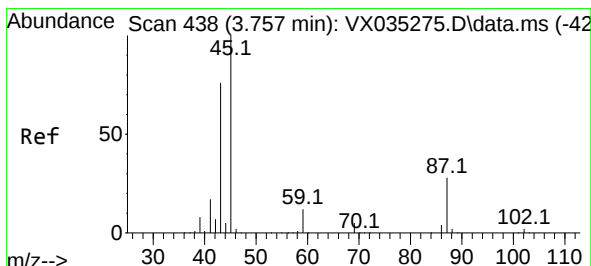
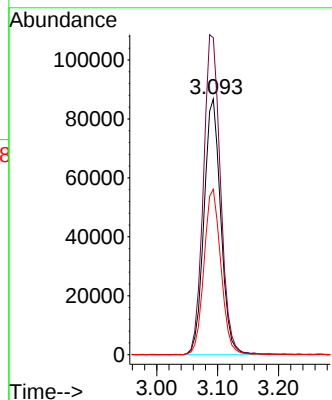
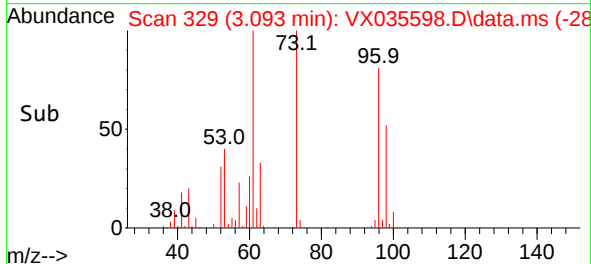
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 166435
Ion Ratio Lower Upper
96 100
61 124.0 113.0 169.6
98 64.6 52.1 78.1

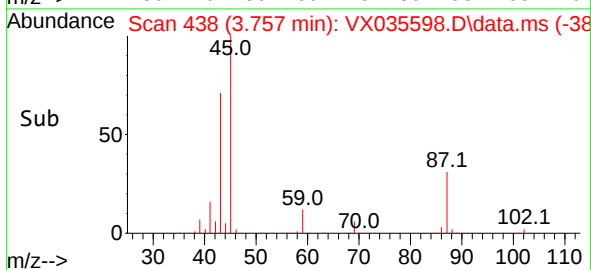
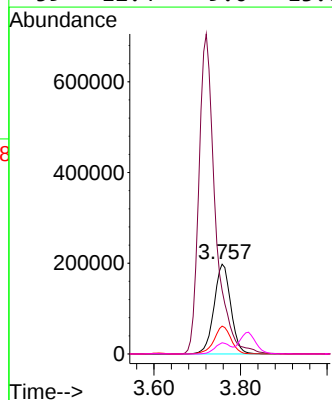
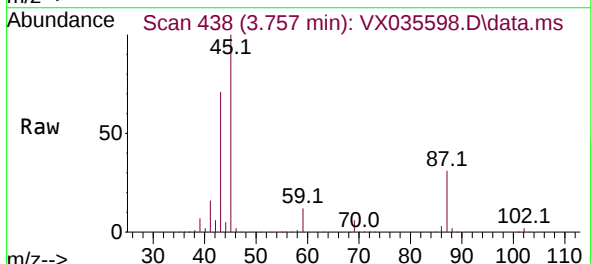
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#22
Diisopropyl ether
Concen: 46.802 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

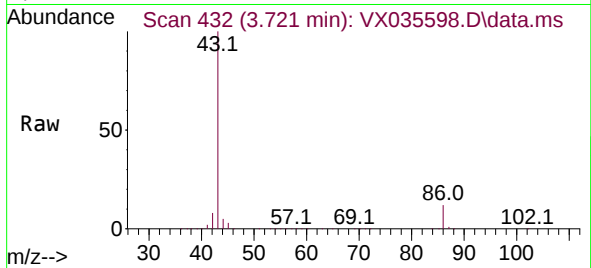
Tgt Ion: 45 Resp: 532035
Ion Ratio Lower Upper
45 100
43 70.9 65.4 98.2
87 31.0 20.6 31.0#
59 12.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 237.741 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035598.D
 Acq: 10 May 2023 19:52

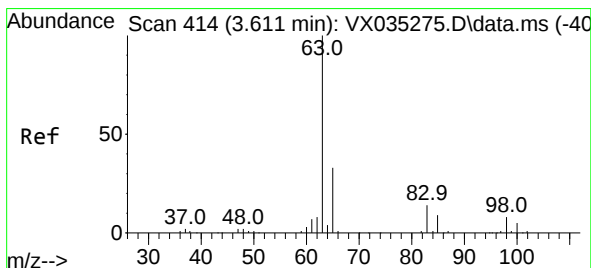
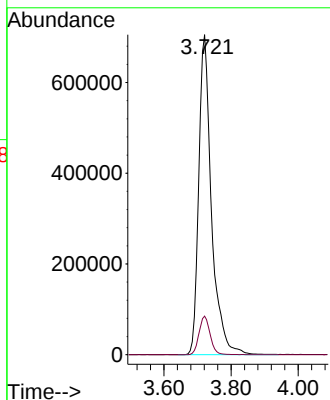
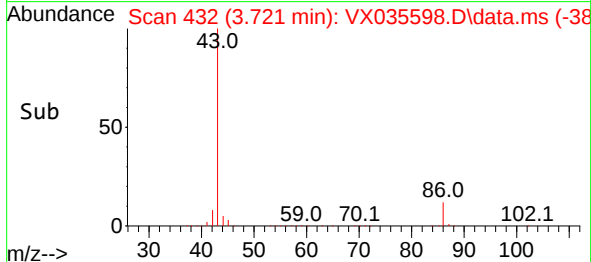
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



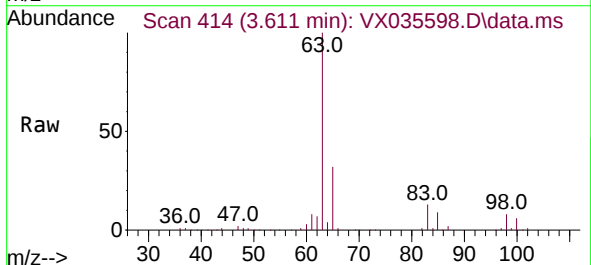
Tgt Ion: 43 Resp: 185767
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.5 12.7

Manual Integrations
 APPROVED

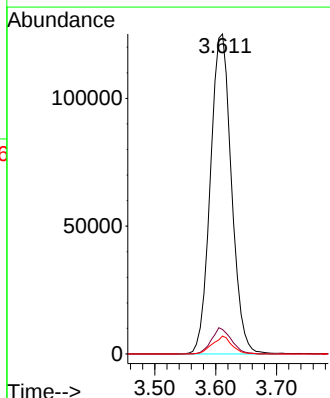
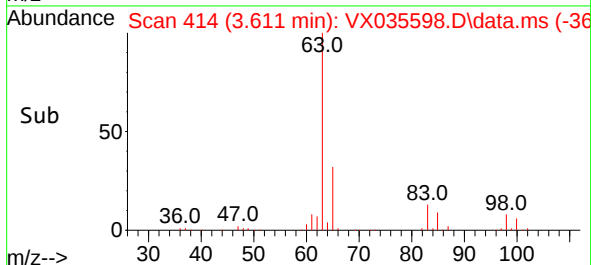
Reviewed By :John Carlone 05/11/2023
 Supervised By :Mahesh Dadoda 05/11/2023

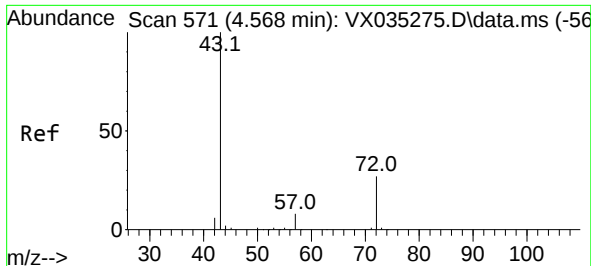


#24
 1,1-Dichloroethane
 Concen: 47.008 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035598.D
 Acq: 10 May 2023 19:52



Tgt Ion: 63 Resp: 300997
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.2
 100 5.6 2.4 7.1





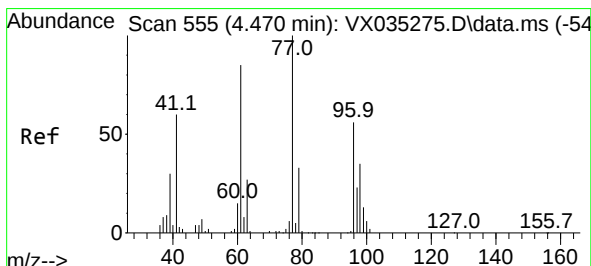
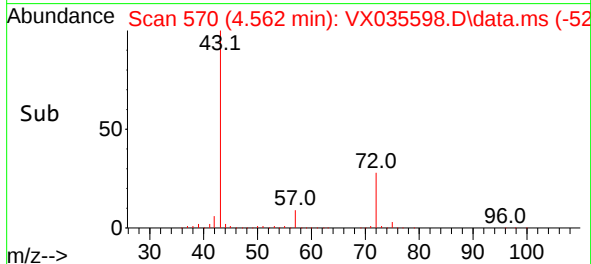
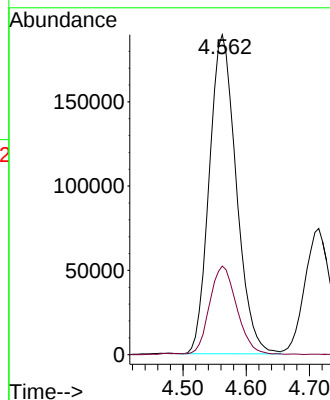
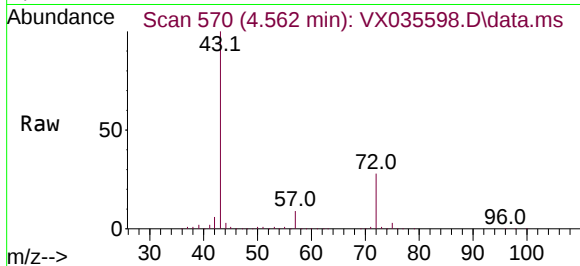
#25
2-Butanone
Concen: 218.143 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 560720
Ion Ratio Lower Upper
43 100
72 27.5 19.3 28.9

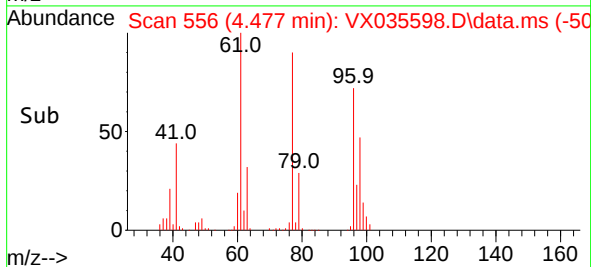
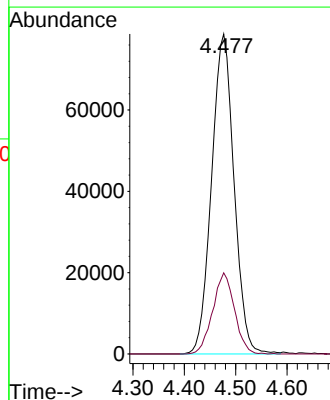
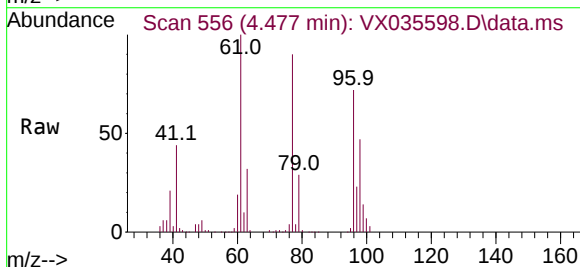
Manual Integrations
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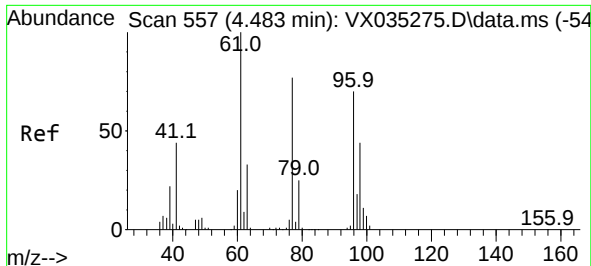
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#26
2,2-Dichloropropane
Concen: 47.619 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Tgt Ion: 77 Resp: 238878
Ion Ratio Lower Upper
77 100
97 24.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.771 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 20324

Ion Ratio Lower Upper

96 100

61 133.3 0.0 300.4

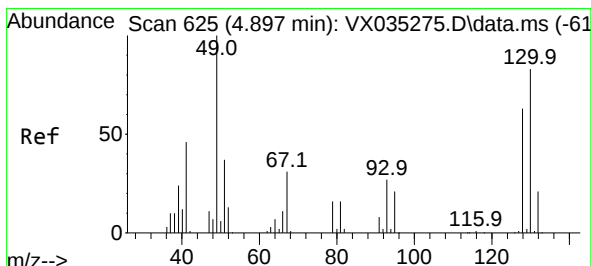
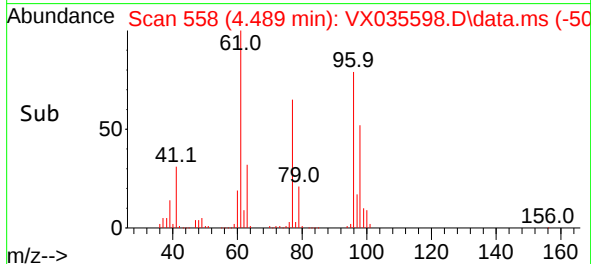
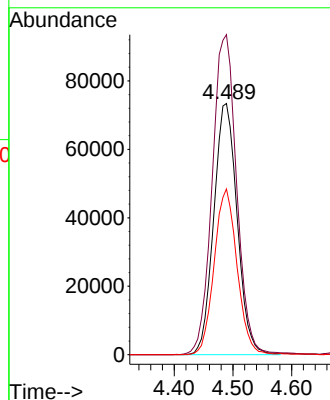
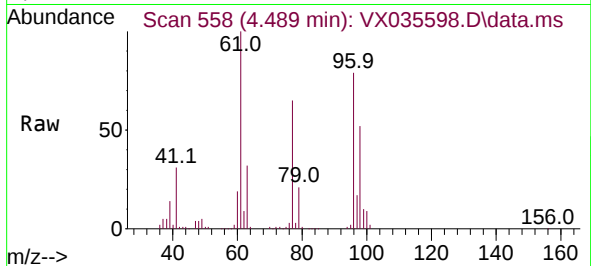
98 64.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#28

Bromochloromethane

Concen: 38.906 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

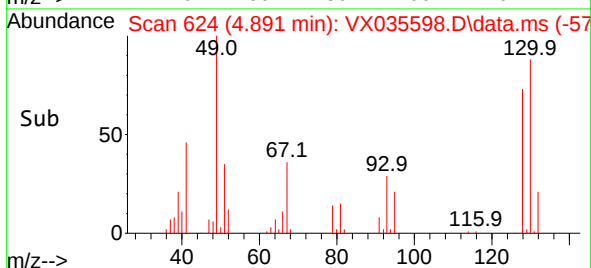
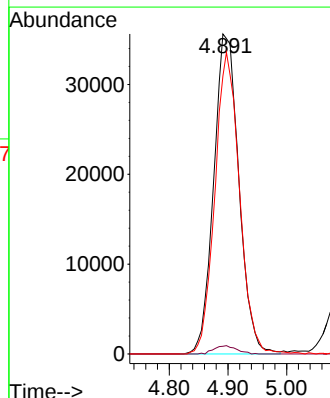
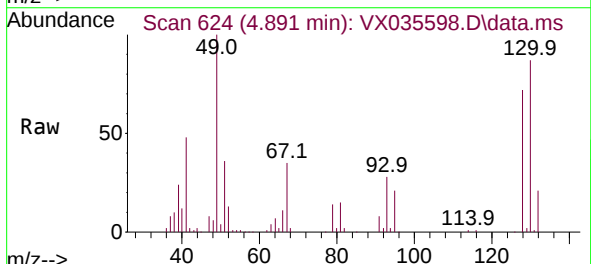
Tgt Ion: 49 Resp: 106163

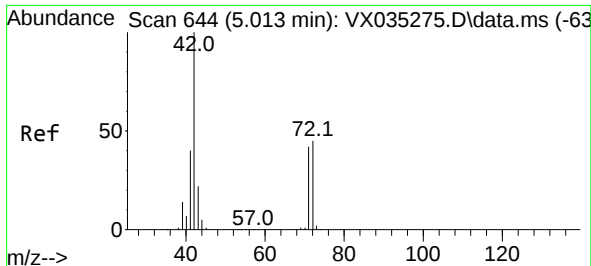
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

130 92.0 58.2 87.2#





#29

Tetrahydrofuran

Concen: 222.837 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 367180

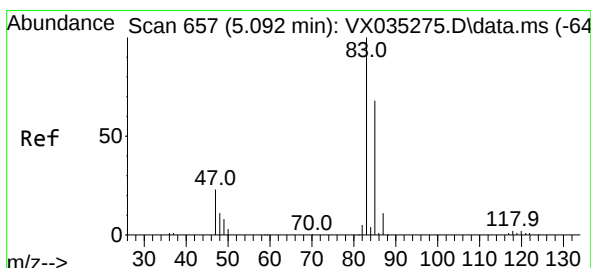
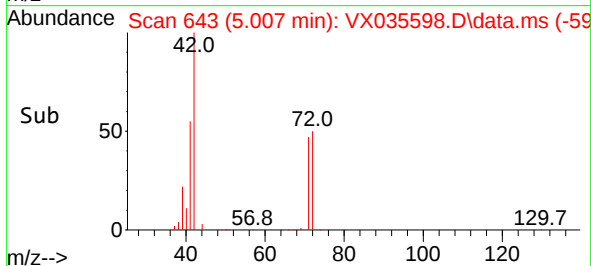
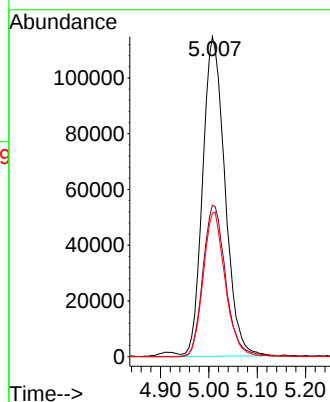
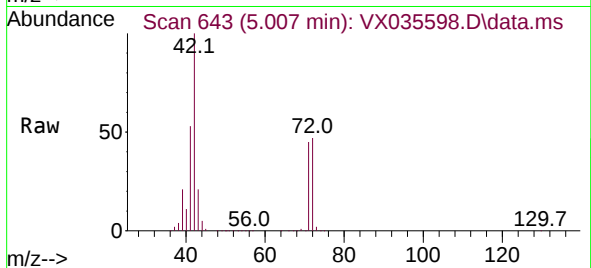
Ion	Ratio	Lower	Upper
42	100		
72	48.3	34.5	51.7
71	44.7	32.1	48.1

Manual Integrations

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Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#30

Chloroform

Concen: 48.222 ug/l

RT: 5.093 min Scan# 657

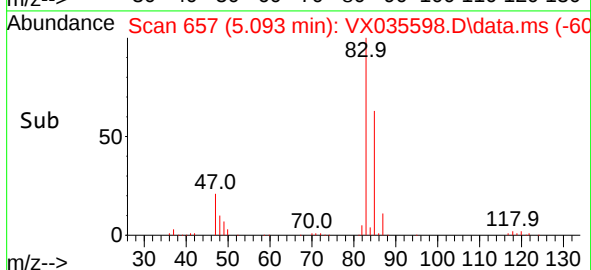
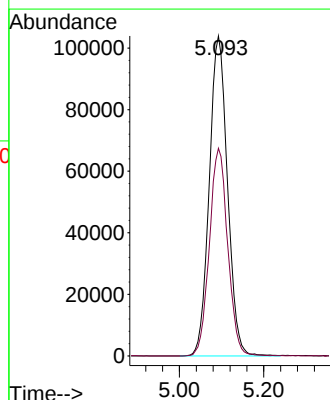
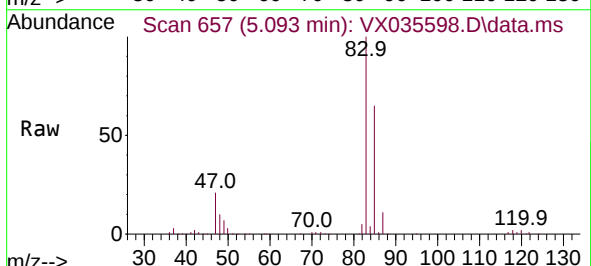
Delta R.T. 0.001 min

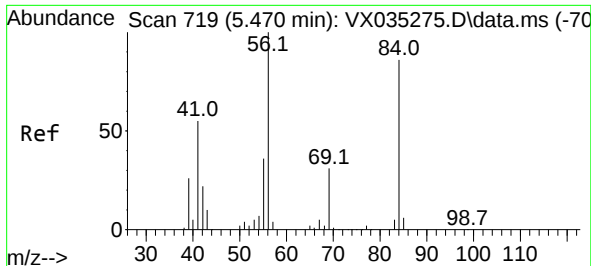
Lab File: VX035598.D

Acq: 10 May 2023 19:52

Tgt Ion: 83 Resp: 311711

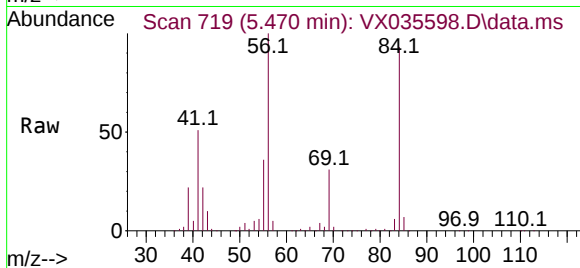
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.6	76.0





#31
Cyclohexane
Concen: 44.696 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

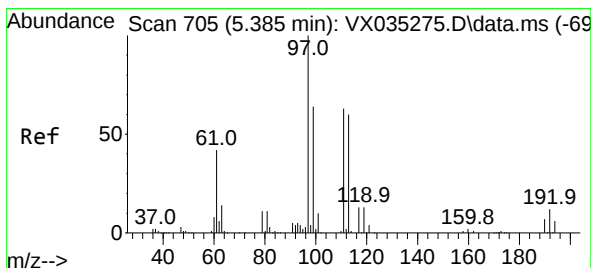
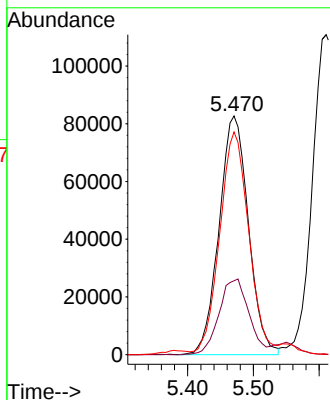
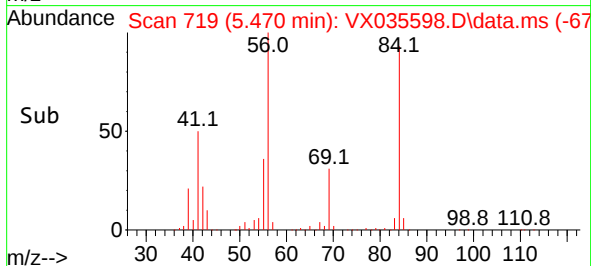
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



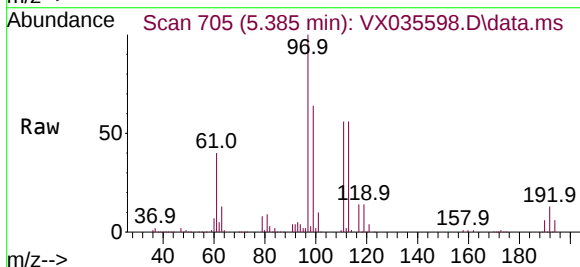
Tgt Ion: 56 Resp: 257084
Ion Ratio Lower Upper
56 100
69 31.0 23.7 35.5
84 91.6 68.5 102.7

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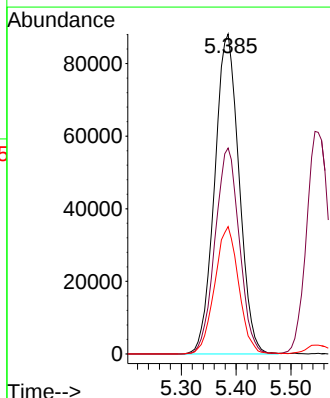
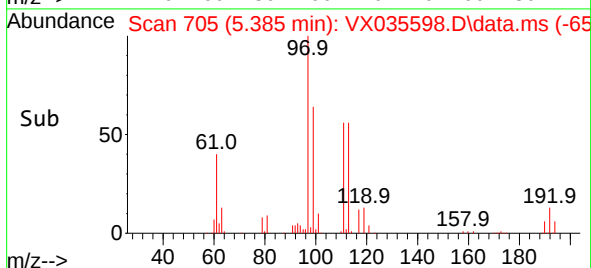
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

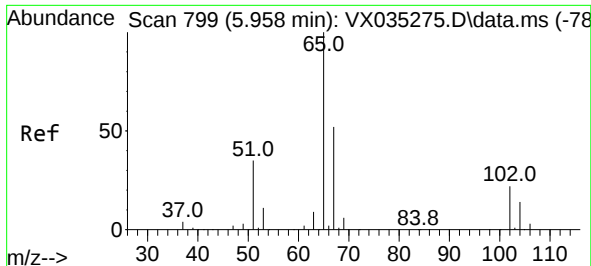


#32
1,1,1-Trichloroethane
Concen: 48.186 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52



Tgt Ion: 97 Resp: 272969
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 39.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 37.775 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 153169

Ion Ratio Lower Upper

65 100

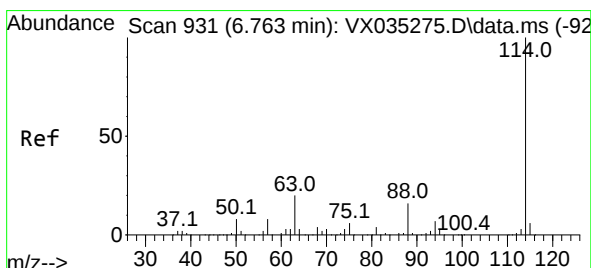
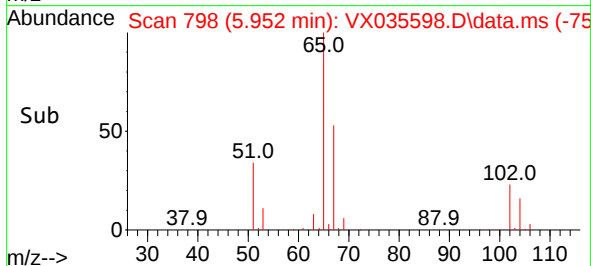
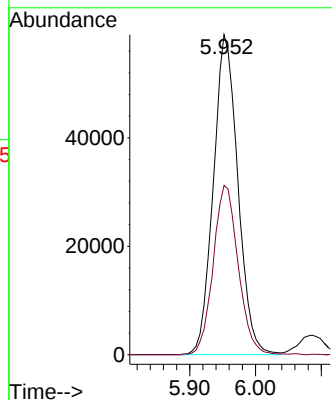
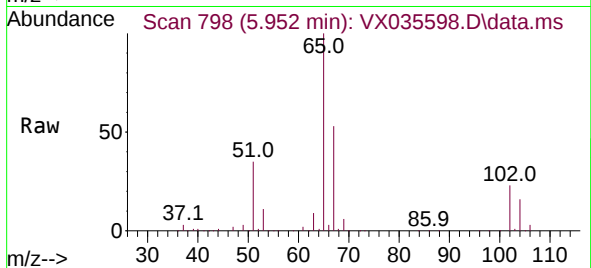
67 54.0 0.0 104.0

Manual Integrations

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Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

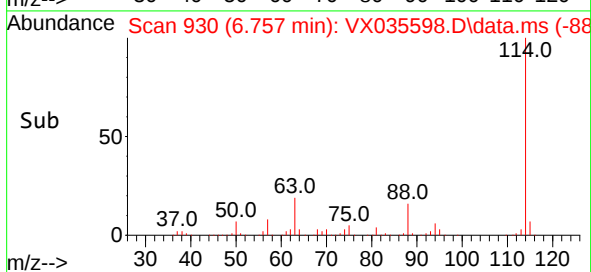
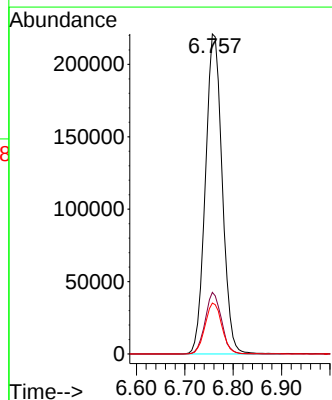
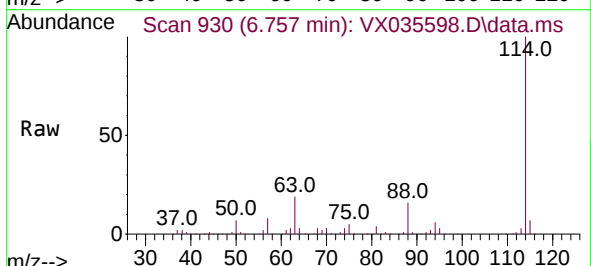
Tgt Ion:114 Resp: 533049

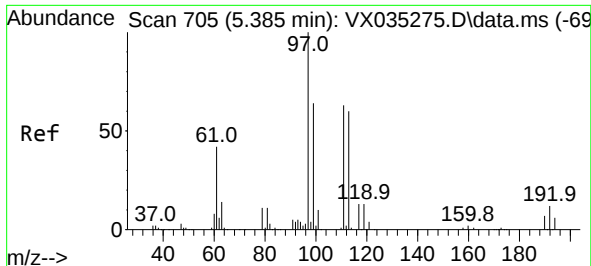
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.2

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.855 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 14348

Ion Ratio Lower Upper

113 100

111 102.5 83.7 125.5

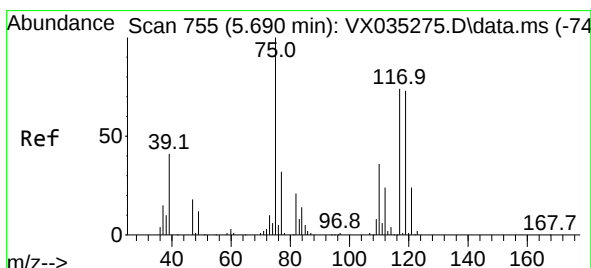
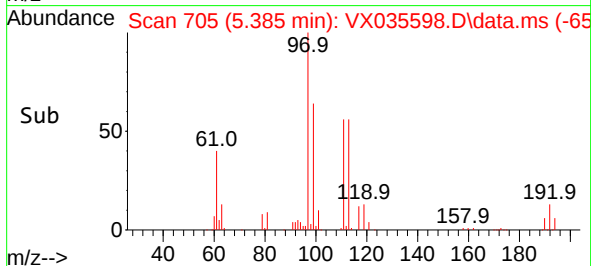
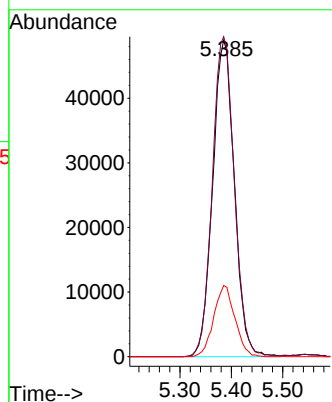
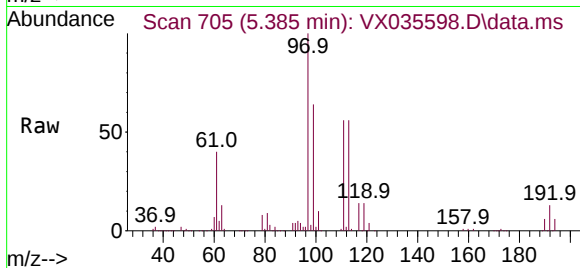
192 21.9 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#36

1,1-Dichloropropene

Concen: 43.918 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

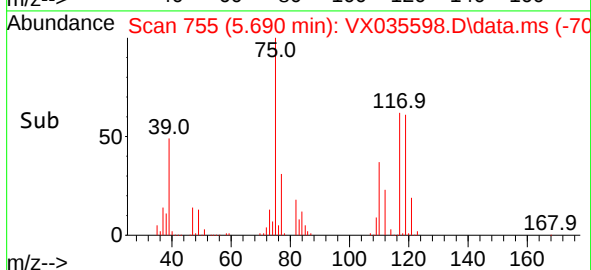
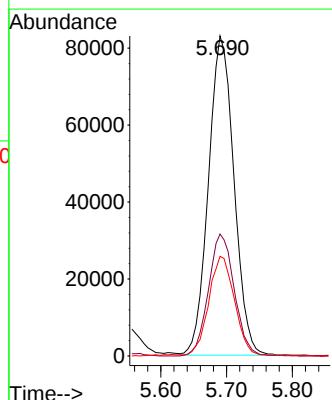
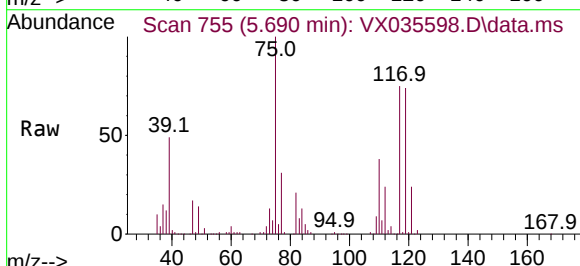
Tgt Ion: 75 Resp: 224357

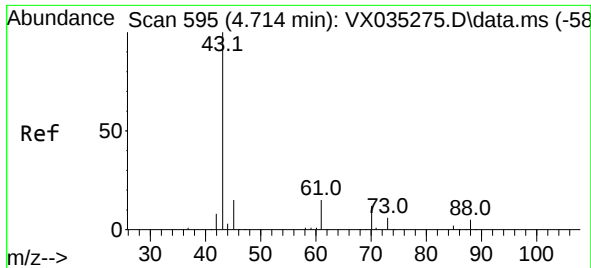
Ion Ratio Lower Upper

75 100

110 38.6 17.5 52.5

77 31.3 24.3 36.5





#37

Ethyl Acetate

Concen: 46.401 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 21650

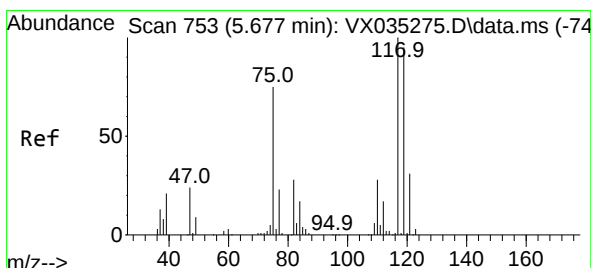
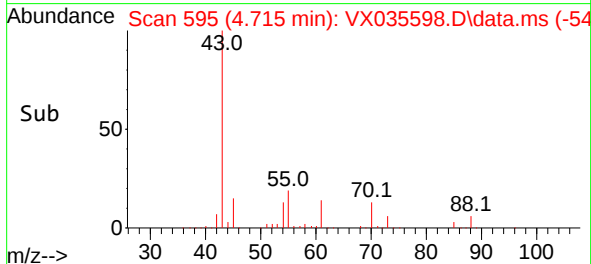
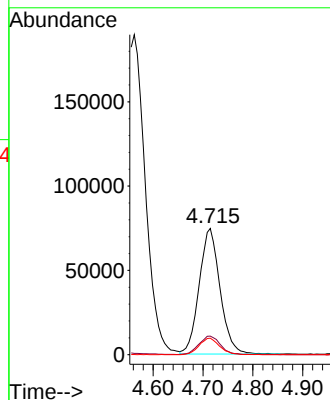
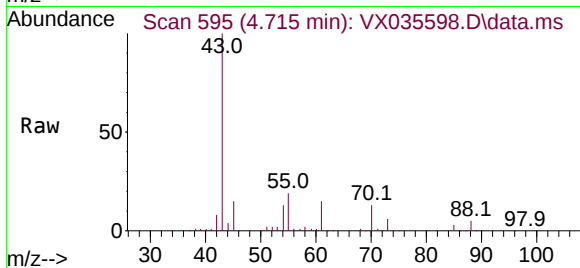
Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.2	15.4
70	12.9	8.2	12.4

Manual Integrations

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Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#38

Carbon Tetrachloride

Concen: 47.558 ug/l

RT: 5.678 min Scan# 753

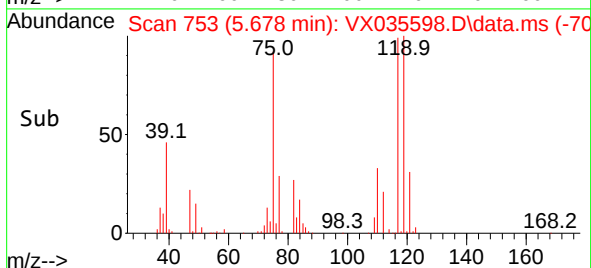
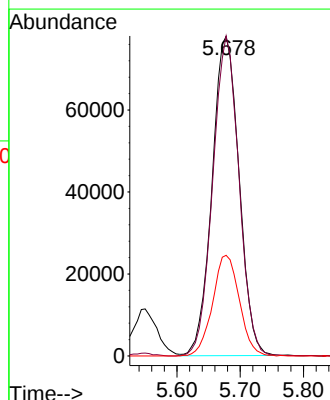
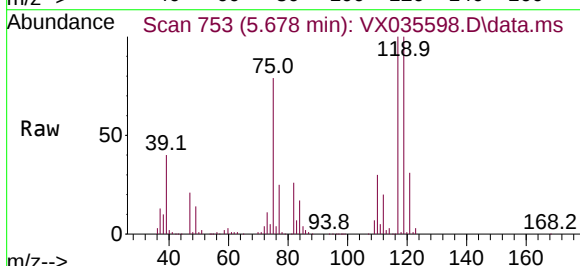
Delta R.T. 0.001 min

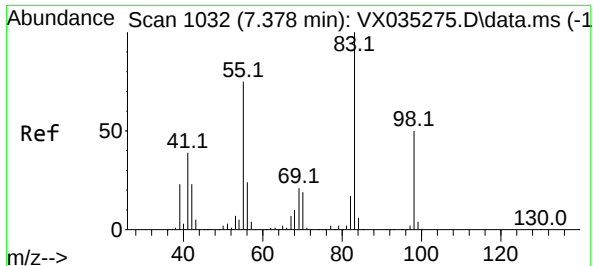
Lab File: VX035598.D

Acq: 10 May 2023 19:52

Tgt Ion:117 Resp: 230638

Ion	Ratio	Lower	Upper
117	100		
119	100.1	76.6	114.8
121	31.5	23.8	35.6





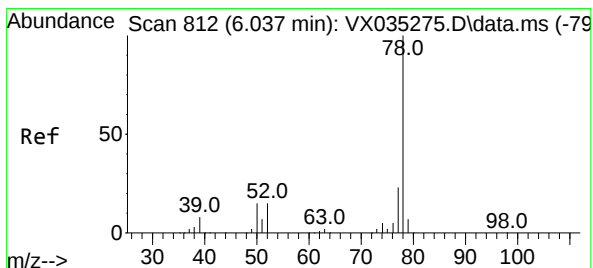
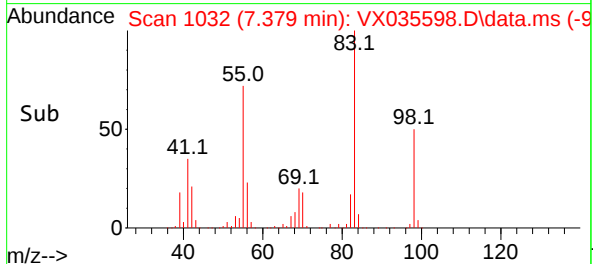
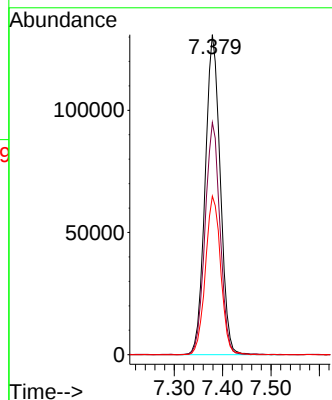
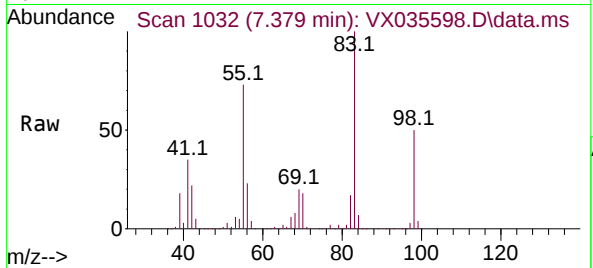
#39
Methylcyclohexane
Concen: 45.620 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 283684
Ion Ratio Lower Upper
83 100
55 72.5 60.5 90.7
98 49.6 40.4 60.6

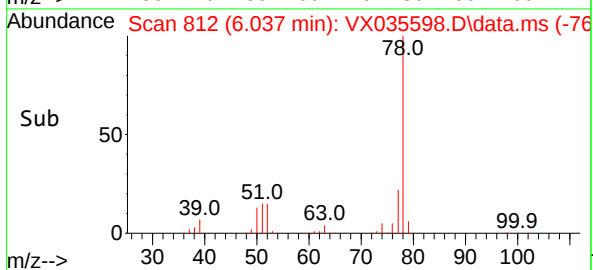
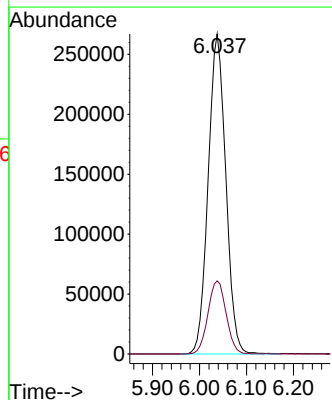
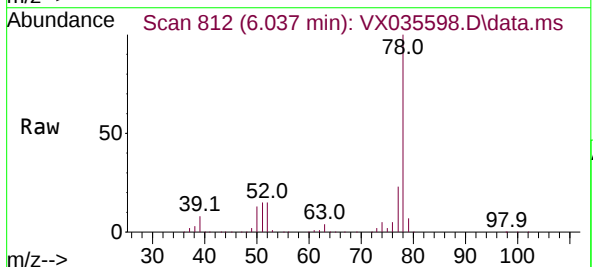
Manual Integrations
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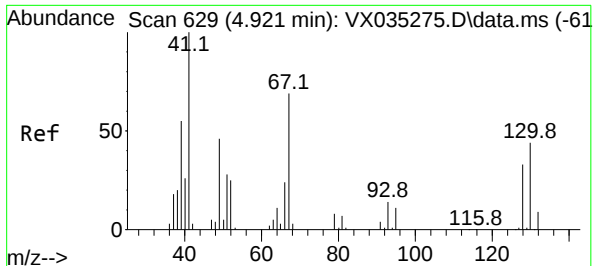
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#40
Benzene
Concen: 47.319 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

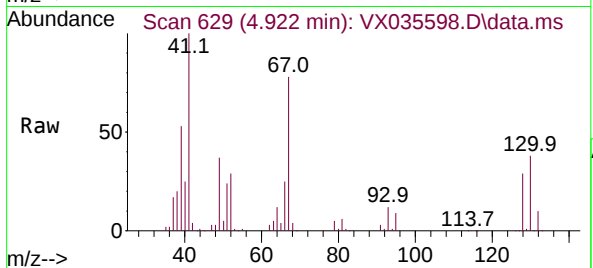
Tgt Ion: 78 Resp: 693449
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4





#41
Methacrylonitrile
Concen: 48.755 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

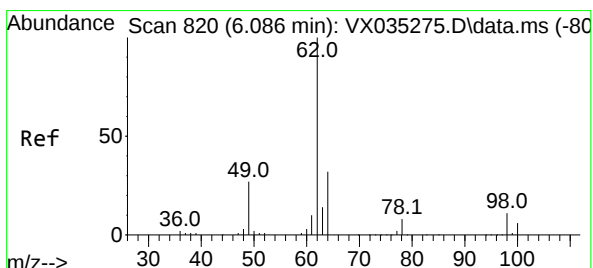
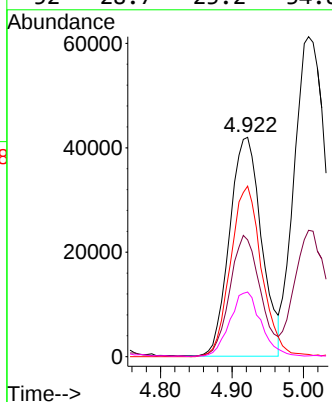
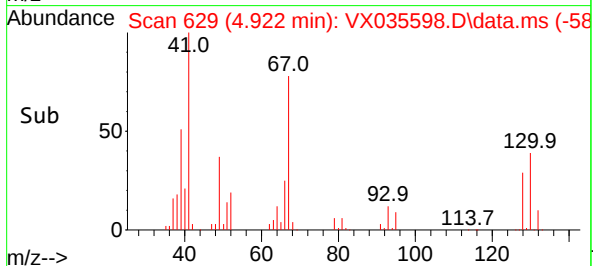
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 13034
Ion Ratio Lower Upper
41 100
39 53.1 45.0 67.6
67 76.3 55.6 83.4
52 28.7 23.2 34.8

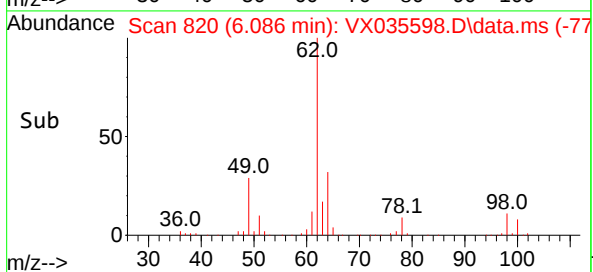
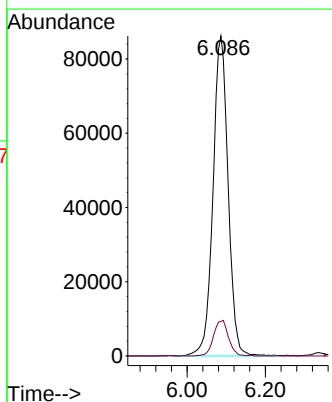
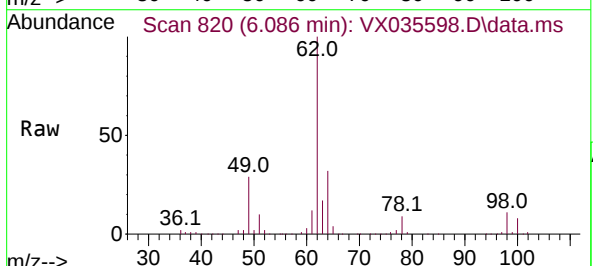
Manual Integrations
APPROVED

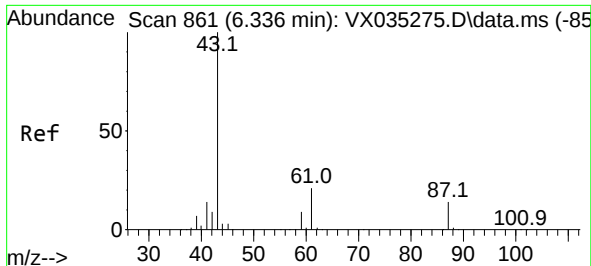
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#42
1,2-Dichloroethane
Concen: 44.152 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

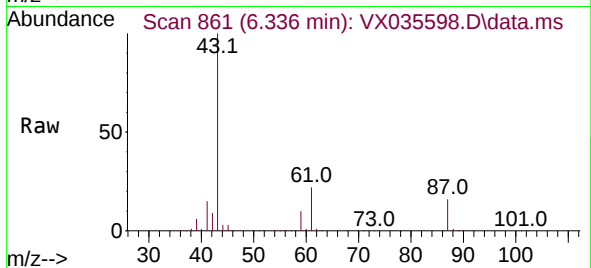
Tgt Ion: 62 Resp: 230703
Ion Ratio Lower Upper
62 100
98 11.0 0.0 18.0





#43
Isopropyl Acetate
Concen: 48.337 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

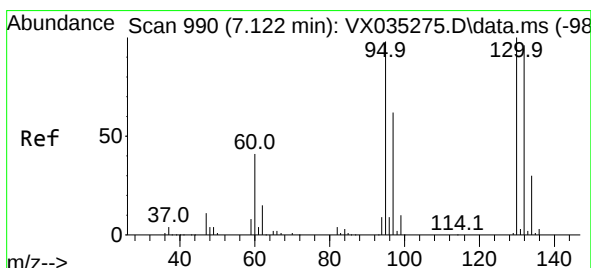
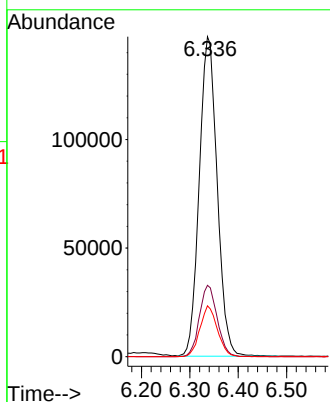
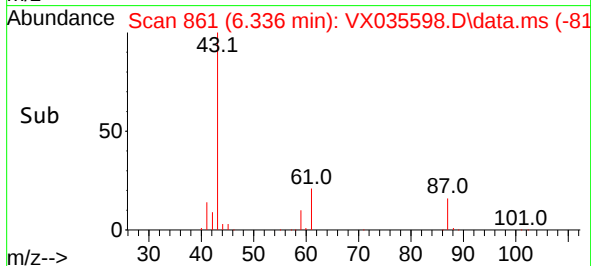
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 378960
Ion Ratio Lower Upper
43 100
61 22.1 15.2 22.8
87 15.5 9.8 14.8

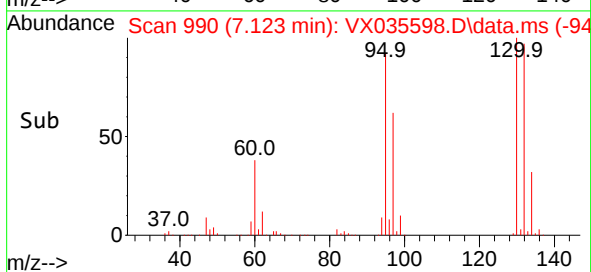
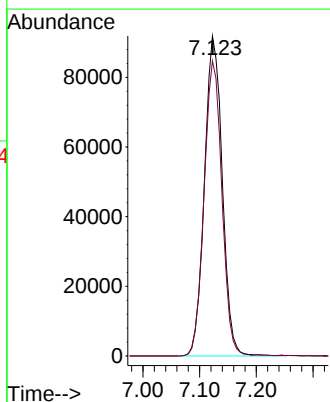
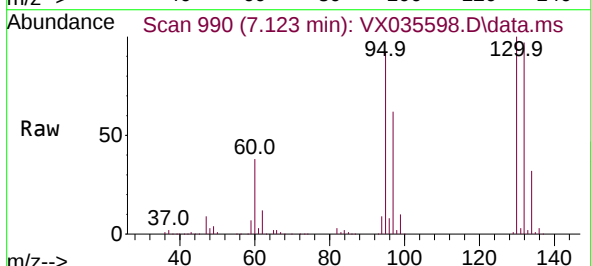
Manual Integrations
APPROVED

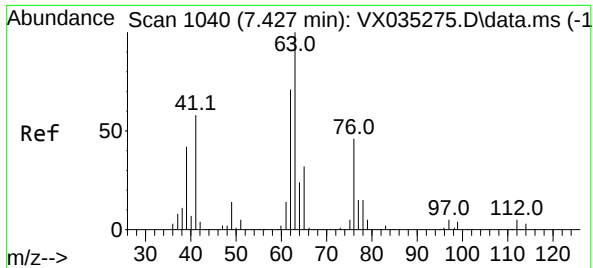
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#44
Trichloroethene
Concen: 49.676 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Tgt Ion:130 Resp: 200546
Ion Ratio Lower Upper
130 100
95 92.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 48.287 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 17840

Ion Ratio Lower Upper

63 100

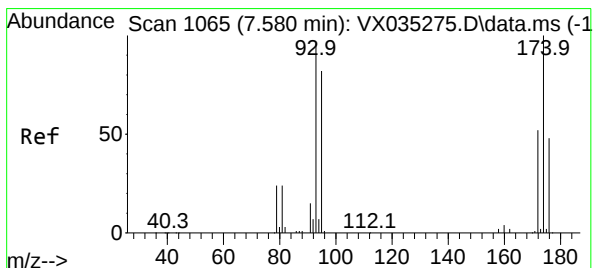
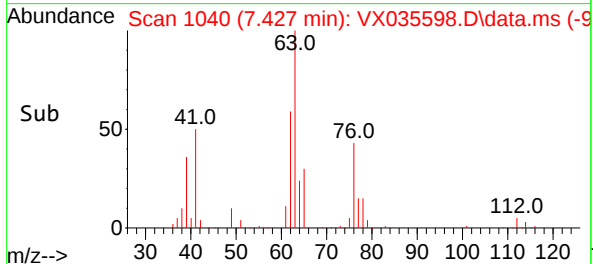
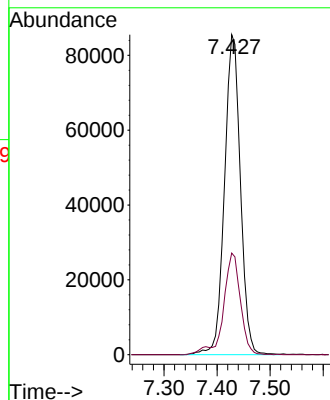
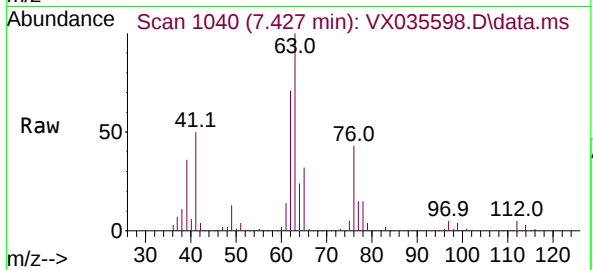
65 31.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#46

Dibromomethane

Concen: 49.182 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

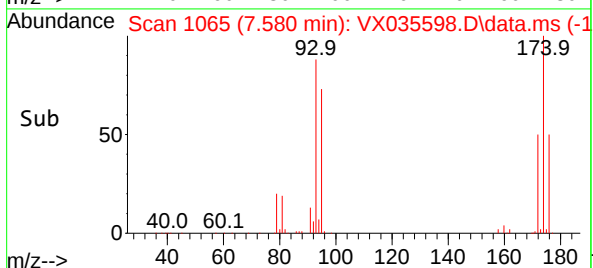
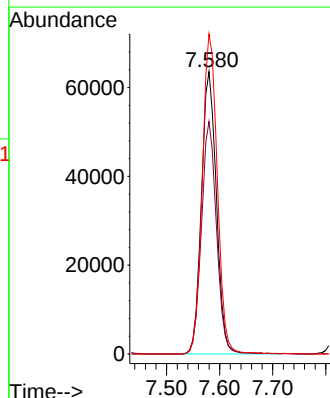
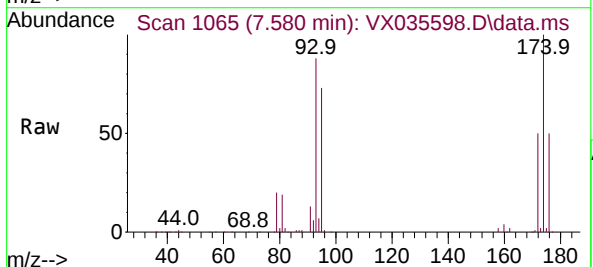
Tgt Ion: 93 Resp: 124782

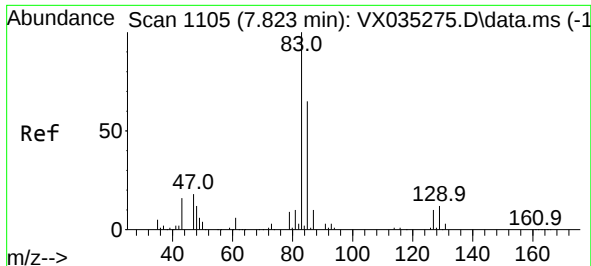
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

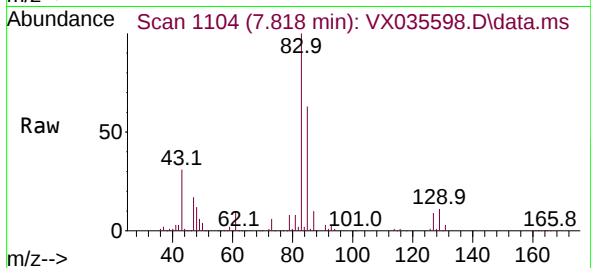
174 113.7 75.4 113.0#





#47
Bromodichloromethane
Concen: 50.212 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

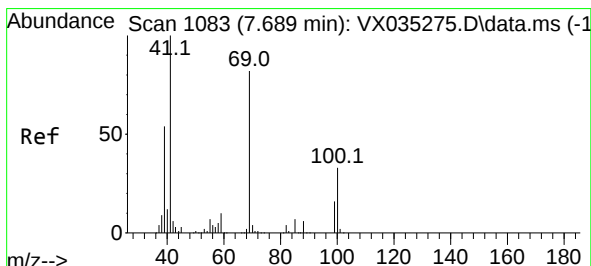
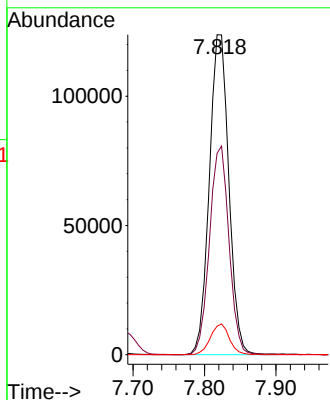
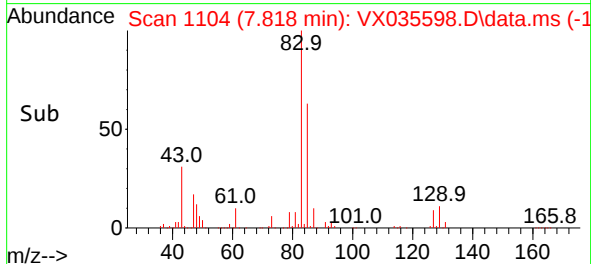
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 234720
Ion Ratio Lower Upper
83 100
85 62.9 52.2 78.4
127 8.9 6.6 9.8

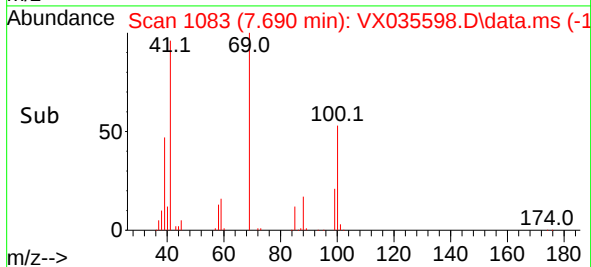
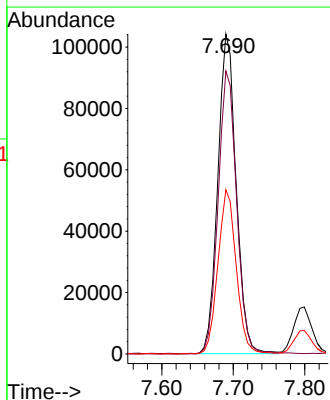
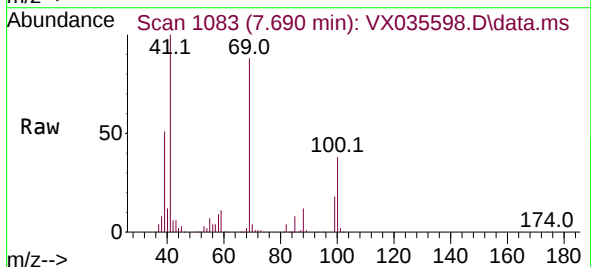
Manual Integrations
APPROVED

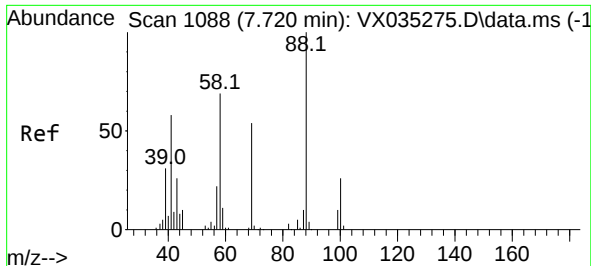
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#48
Methyl methacrylate
Concen: 48.305 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Tgt Ion: 41 Resp: 185771
Ion Ratio Lower Upper
41 100
69 89.6 62.2 93.4
39 51.4 47.7 71.5





#49

1,4-Dioxane

Concen: 817.135 ug/l

RT: 7.714 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 76600

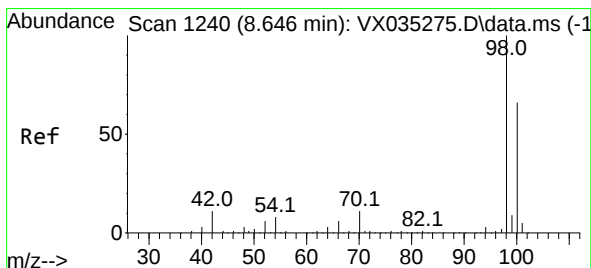
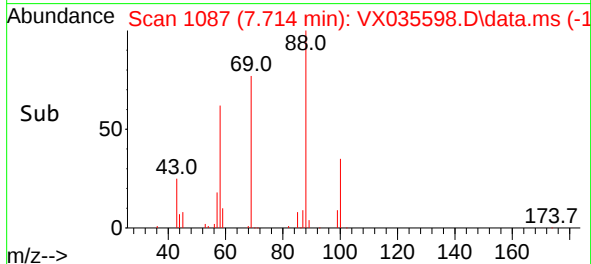
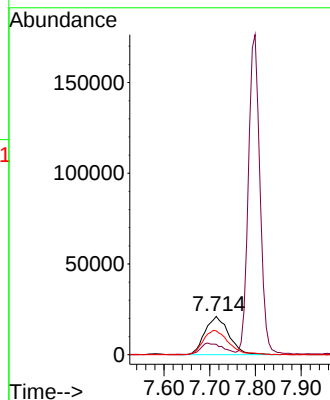
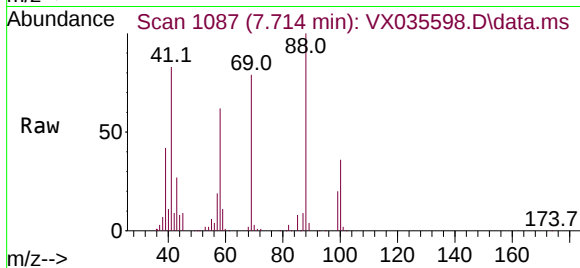
Ion	Ratio	Lower	Upper
88	100		
43	27.4	27.7	41.5
58	67.1	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#50

Toluene-d8

Concen: 41.310 ug/l

RT: 8.647 min Scan# 1240

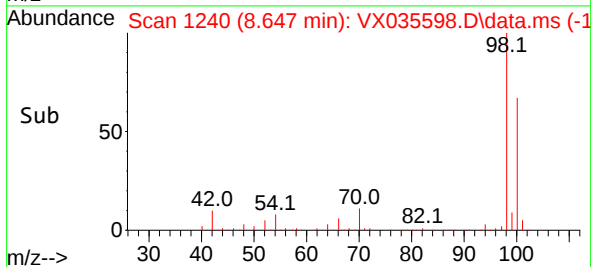
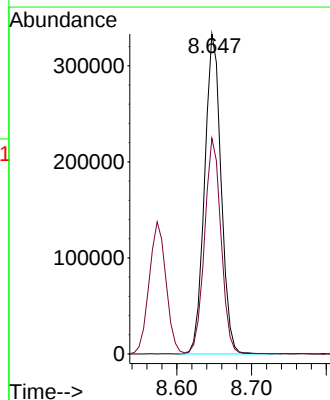
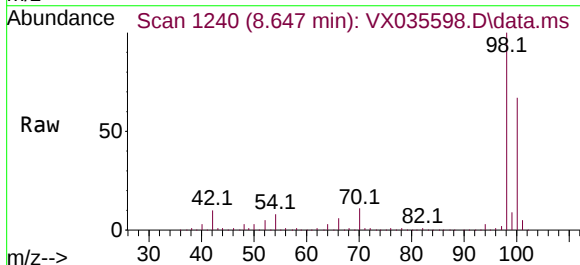
Delta R.T. 0.001 min

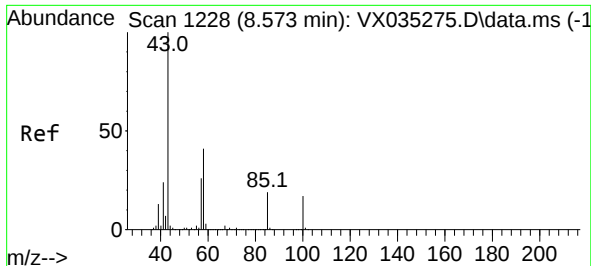
Lab File: VX035598.D

Acq: 10 May 2023 19:52

Tgt Ion: 98 Resp: 509840

Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 230.657 ug/l
RT: 8.574 min Scan# 111100
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

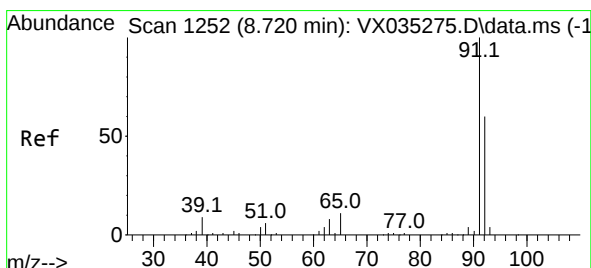
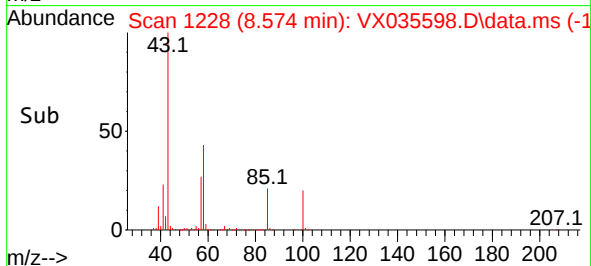
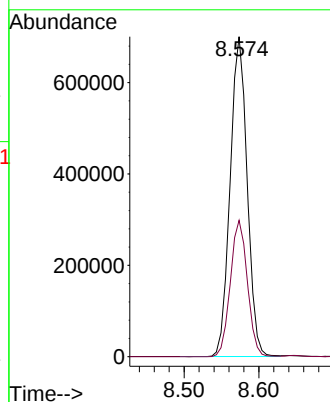
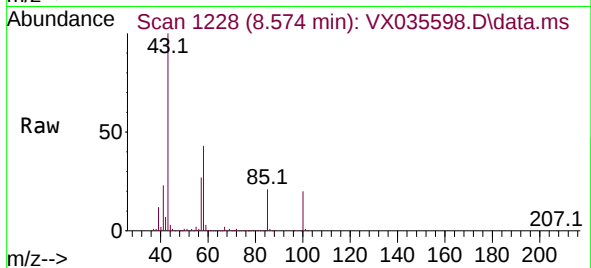
VSTDCCC050EC

Tgt Ion: 43 Resp: 111100
Ion Ratio Lower Upper
43 100
58 42.7 30.6 46.0

Manual Integrations

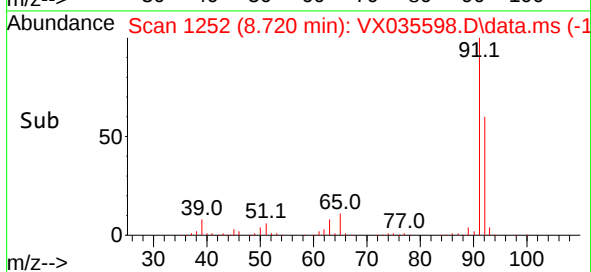
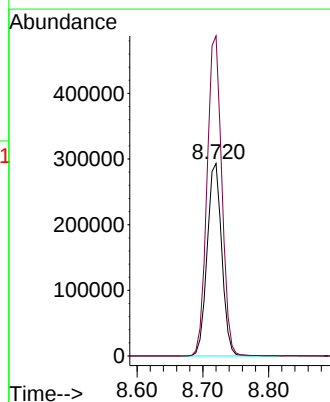
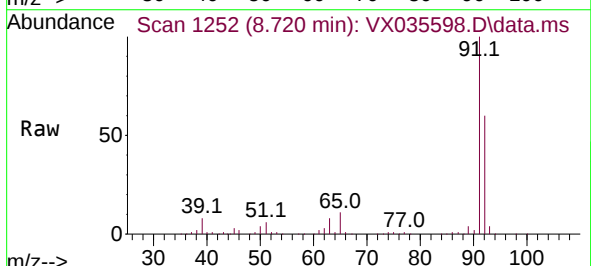
APPROVED

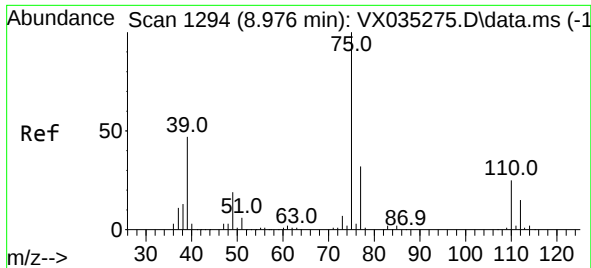
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#52
Toluene
Concen: 48.728 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Tgt Ion: 92 Resp: 452650
Ion Ratio Lower Upper
92 100
91 167.9 136.8 205.2





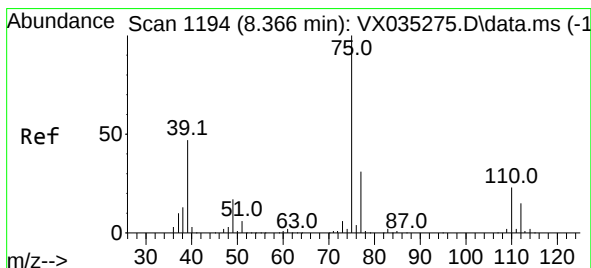
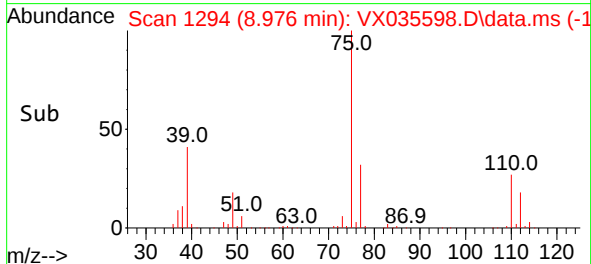
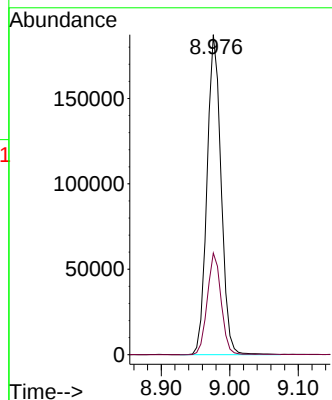
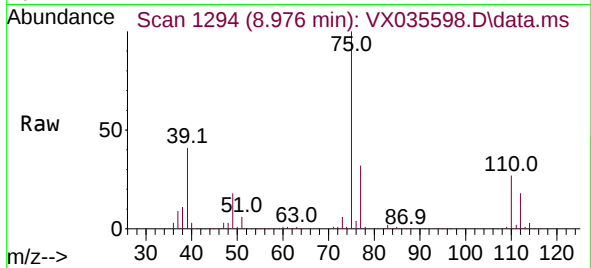
#53
t-1,3-Dichloropropene
Concen: 54.833 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 26768
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

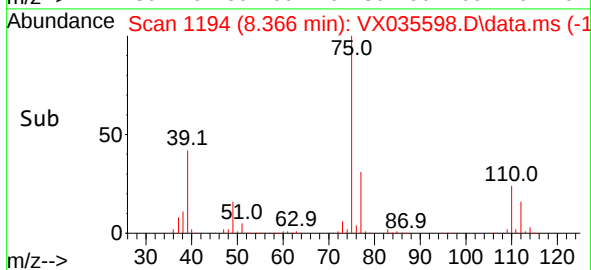
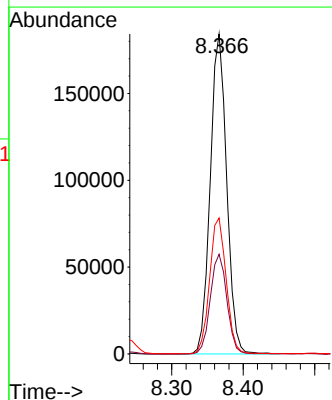
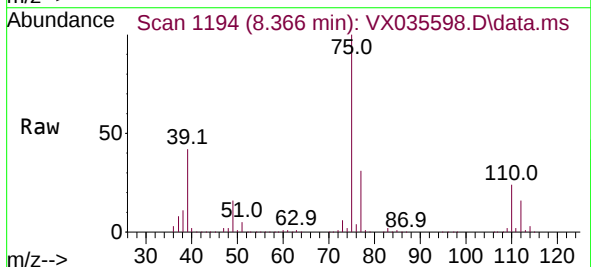
Manual Integrations
APPROVED

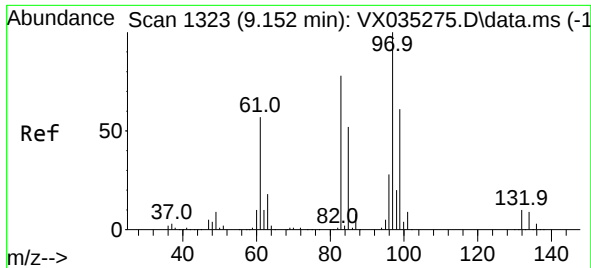
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#54
cis-1,3-Dichloropropene
Concen: 53.261 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Tgt Ion: 75 Resp: 293890
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4
39 42.4 44.6 66.8#





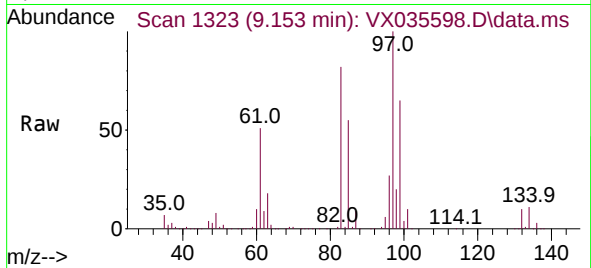
#55
1,1,2-Trichloroethane
Concen: 50.065 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



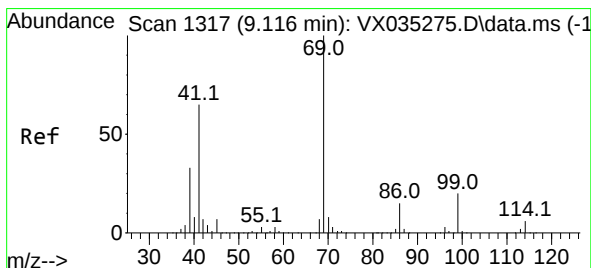
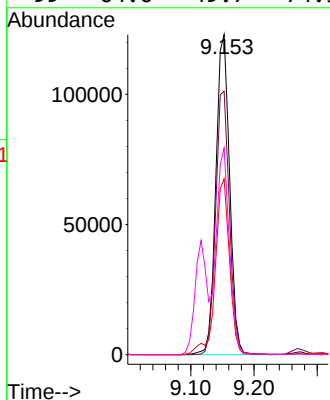
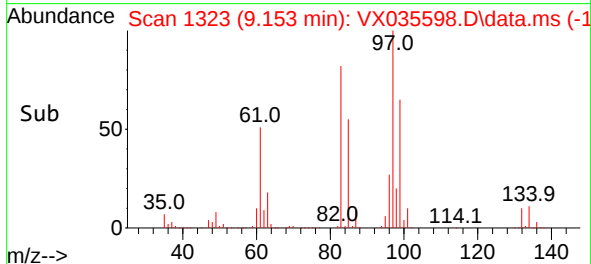
Tgt Ion: 97 Resp: 185399
Ion Ratio Lower Upper
97 100
83 82.4 69.7 104.5
85 54.9 43.7 65.5
99 64.6 49.7 74.5

Manual Integrations

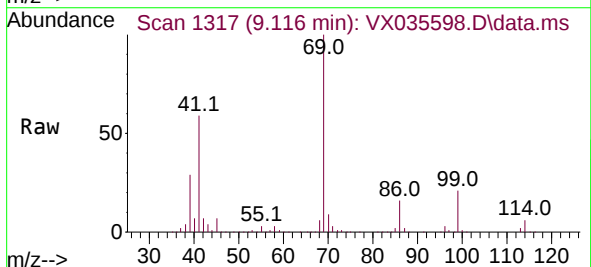
APPROVED

Reviewed By :John Carlone 05/11/2023

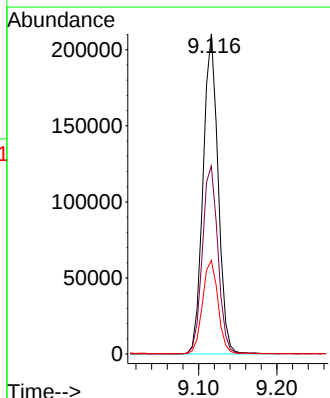
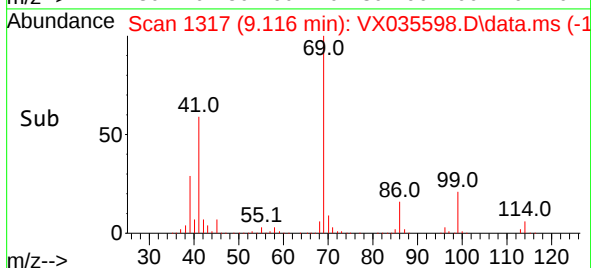
Supervised By :Mahesh Dadoda 05/11/2023

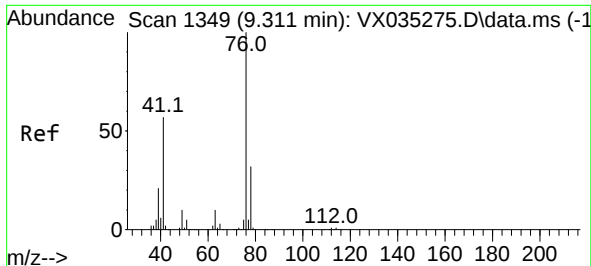


#56
Ethyl methacrylate
Concen: 50.801 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52



Tgt Ion: 69 Resp: 280243
Ion Ratio Lower Upper
69 100
41 60.8 57.4 86.0
39 30.0 33.7 50.5





#57

1,3-Dichloropropane

Concen: 48.420 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. -0.006 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 30669

Ion Ratio Lower Upper

76 100

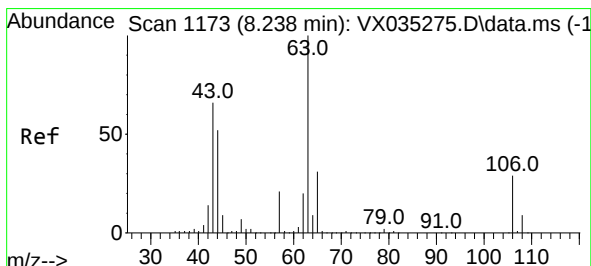
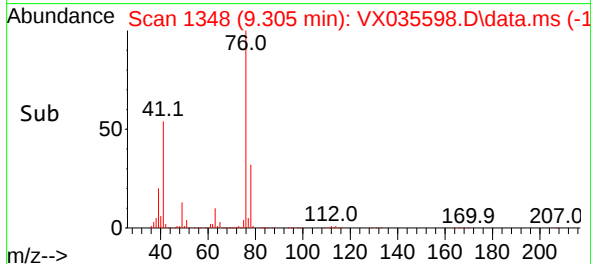
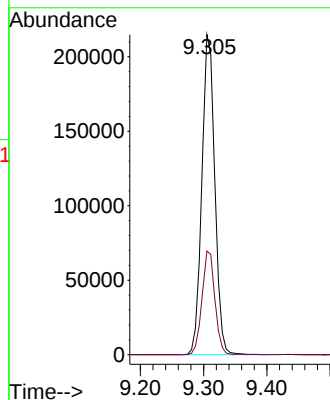
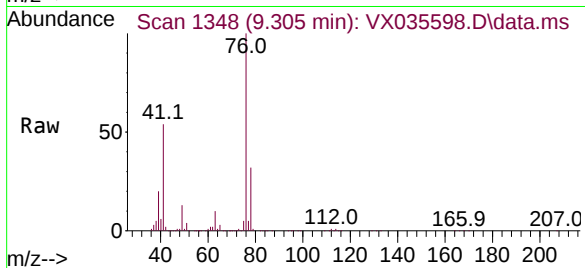
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 250.971 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035598.D

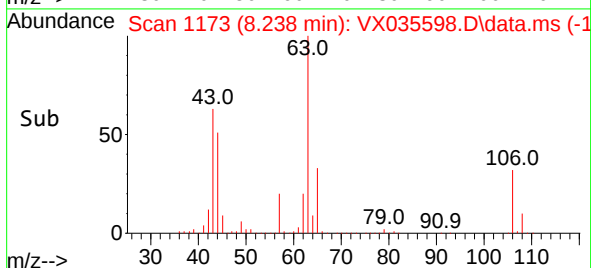
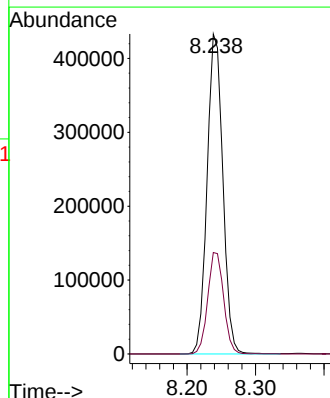
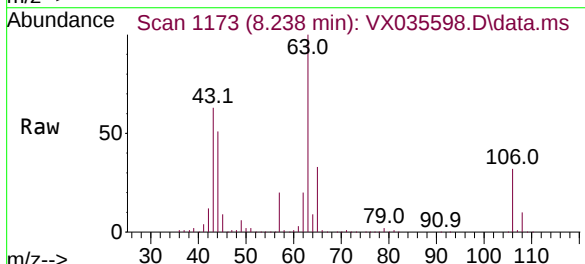
Acq: 10 May 2023 19:52

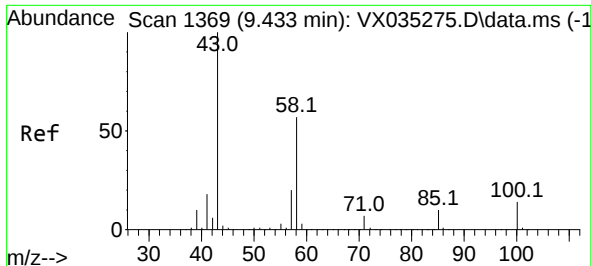
Tgt Ion: 63 Resp: 692258

Ion Ratio Lower Upper

63 100

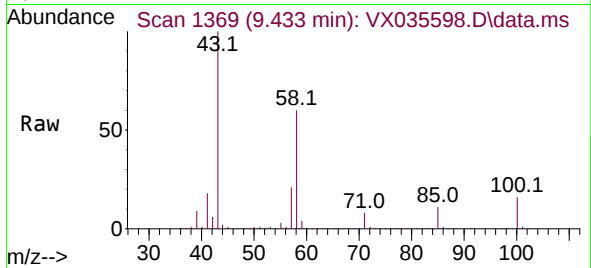
106 32.2 22.2 33.2





#59
2-Hexanone
Concen: 225.139 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

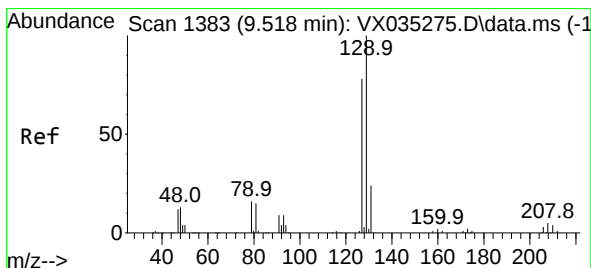
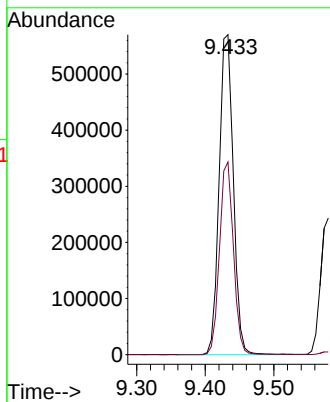
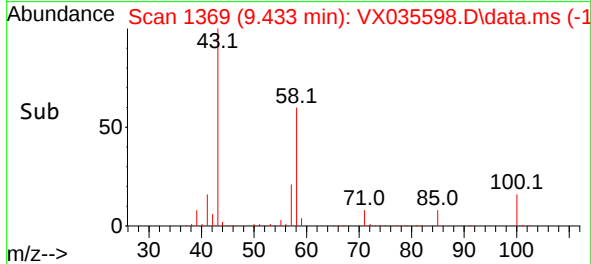
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 814670
Ion Ratio Lower Upper
43 100
58 59.3 26.3 78.9

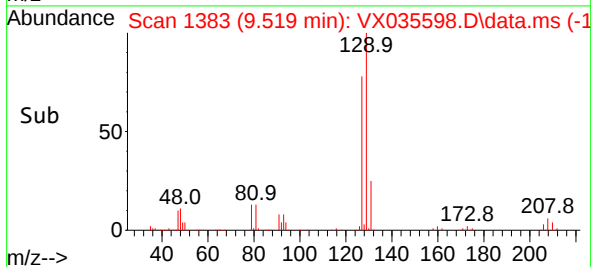
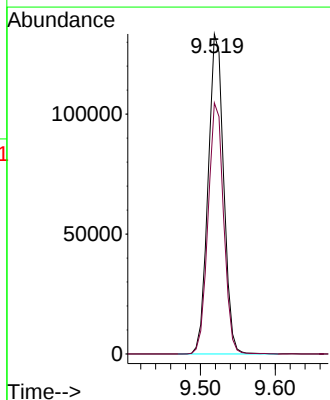
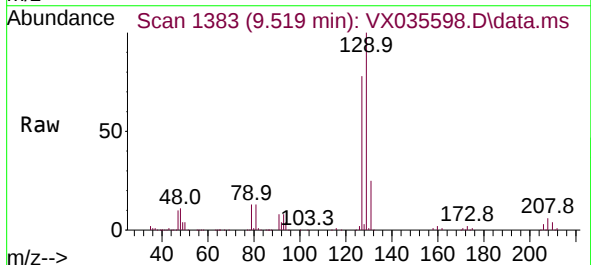
Manual Integrations
APPROVED

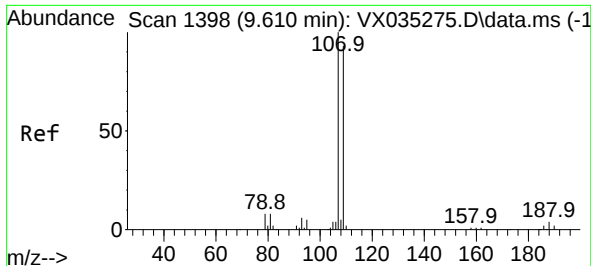
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#60
Dibromochloromethane
Concen: 54.278 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

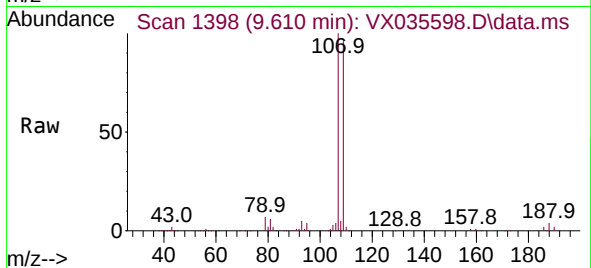
Tgt Ion:129 Resp: 192580
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0





#61
1,2-Dibromoethane
Concen: 50.789 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

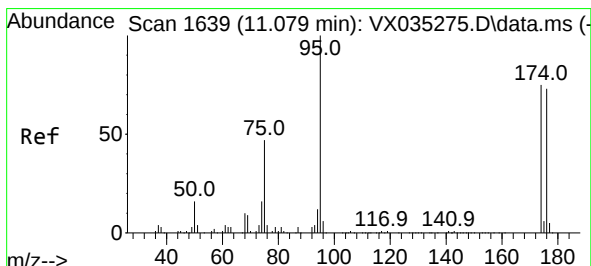
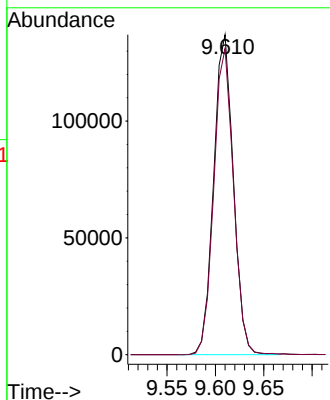
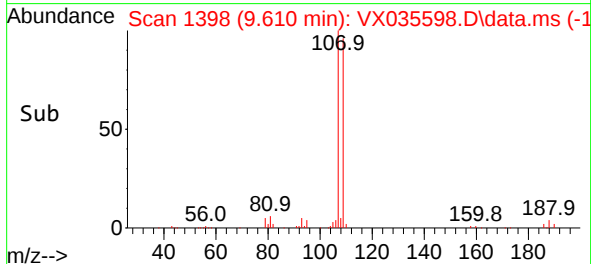
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



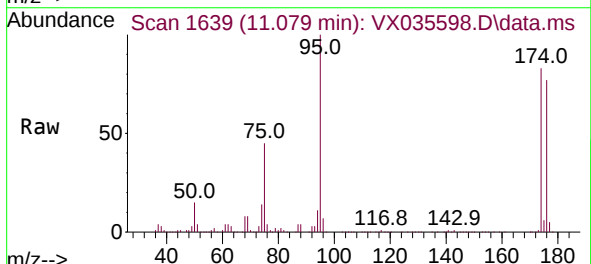
Tgt Ion:107 Resp: 193890
Ion Ratio Lower Upper
107 100
109 95.9 75.3 112.9

Manual Integrations
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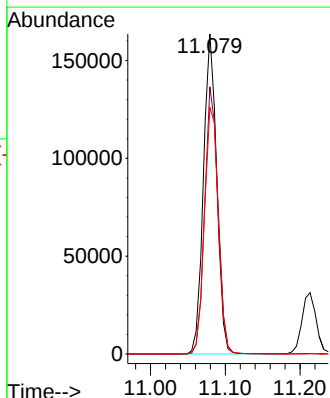
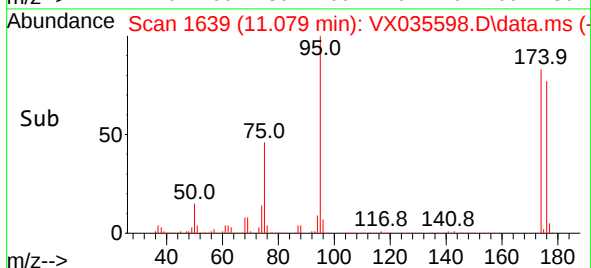
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

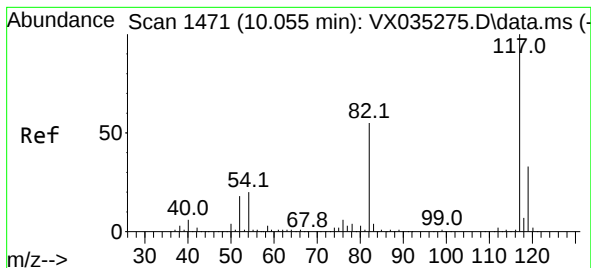


#62
4-Bromofluorobenzene
Concen: 43.369 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52



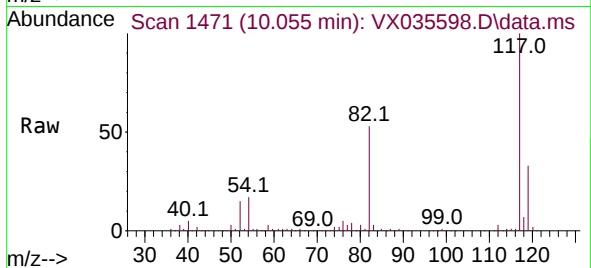
Tgt Ion: 95 Resp: 201355
Ion Ratio Lower Upper
95 100
174 84.1 0.0 147.4
176 80.9 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

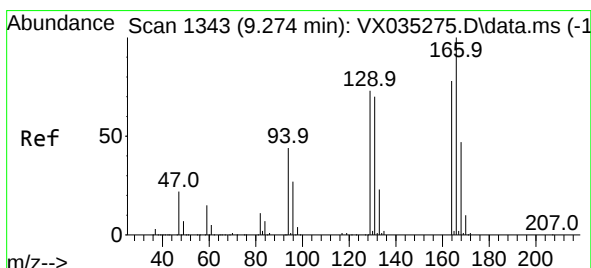
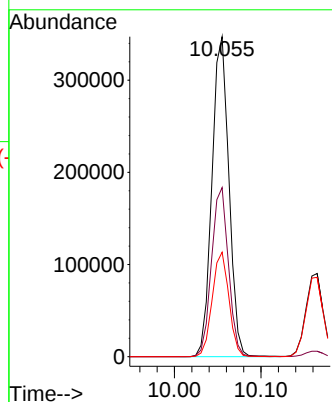
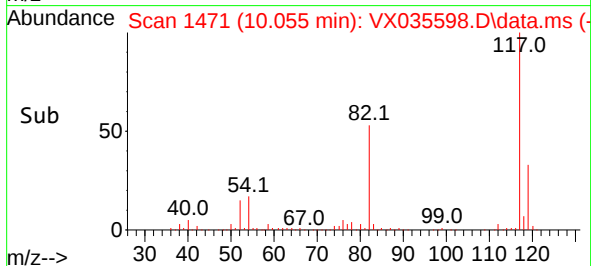
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 47255
Ion Ratio Lower Upper
117 100
82 52.9 45.0 67.4
119 32.7 26.0 39.0

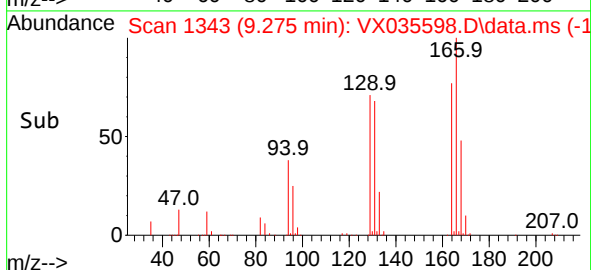
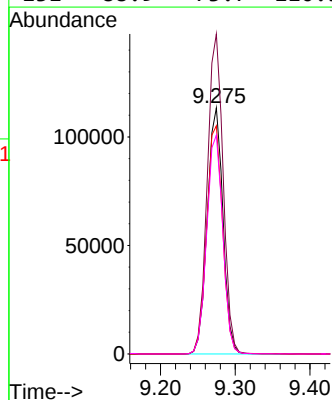
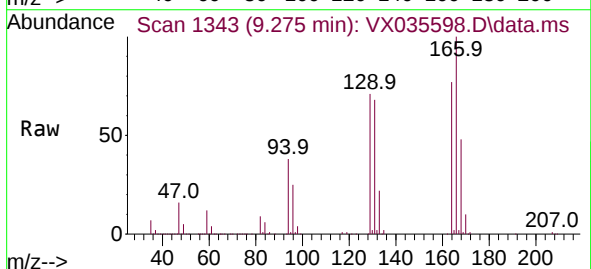
Manual Integrations
APPROVED

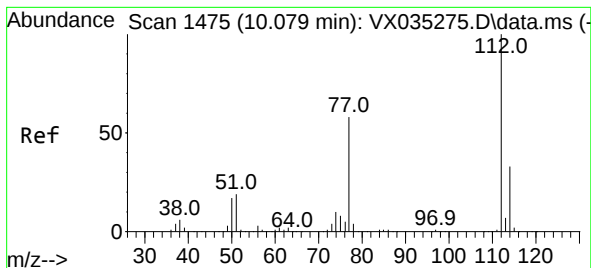
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#64
Tetrachloroethene
Concen: 45.728 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

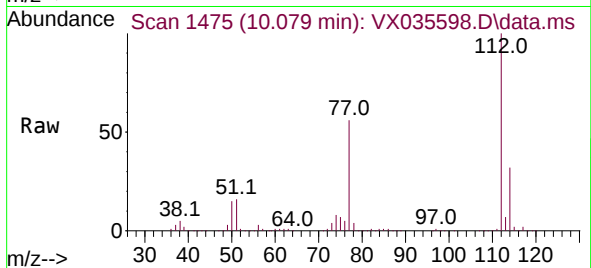
Tgt Ion:164 Resp: 165455
Ion Ratio Lower Upper
164 100
166 130.0 102.7 154.1
129 92.7 75.6 113.4
131 88.9 73.7 110.5





#65
Chlorobenzene
Concen: 48.663 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

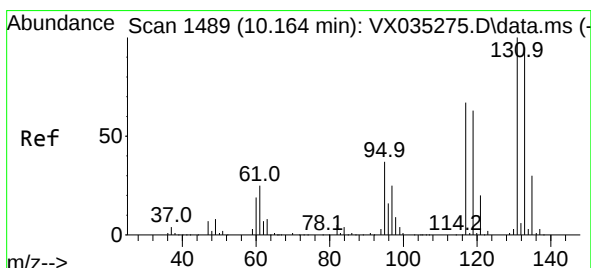
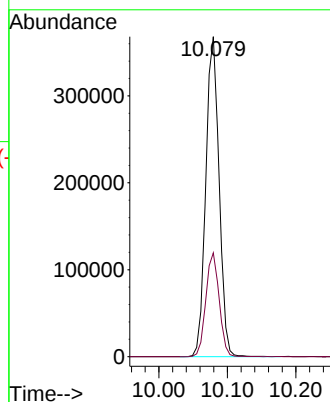
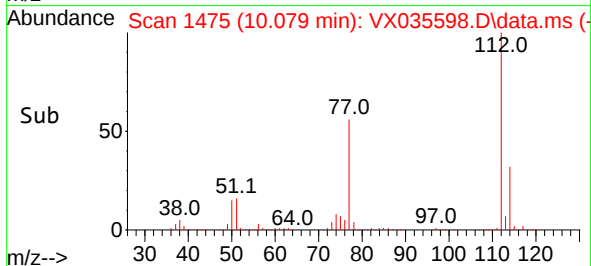
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



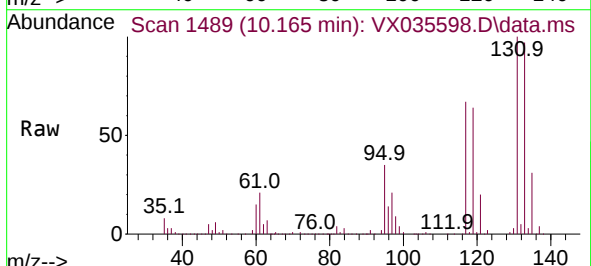
Tgt Ion:112 Resp: 497520
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2

Manual Integrations
APPROVED

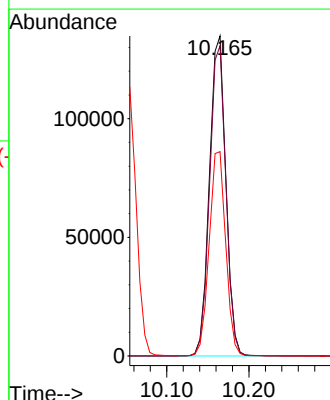
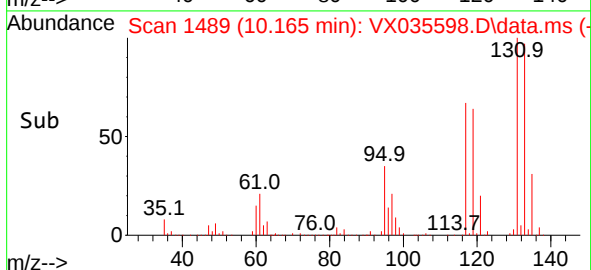
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

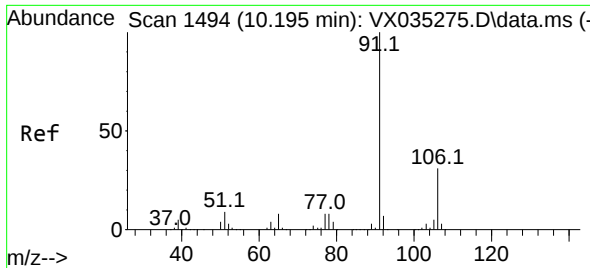


#66
1,1,1,2-Tetrachloroethane
Concen: 52.593 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52



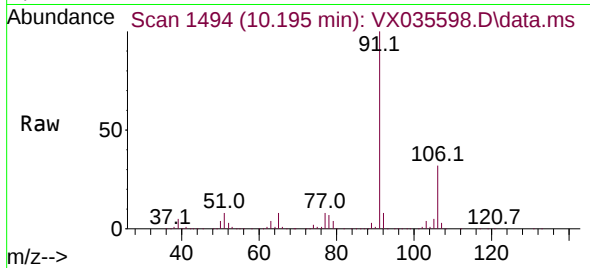
Tgt Ion:131 Resp: 187135
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 64.3 32.6 98.0





#67
Ethyl Benzene
Concen: 48.544 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

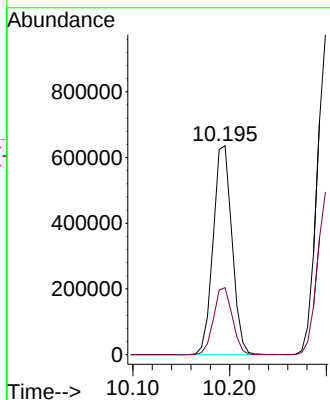
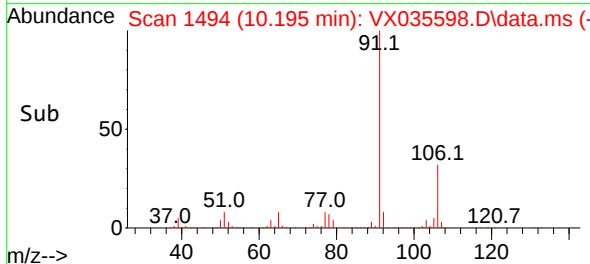
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



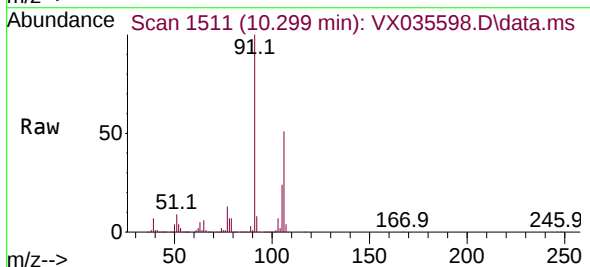
Tgt Ion: 91 Resp: 859502
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

Manual Integrations
APPROVED

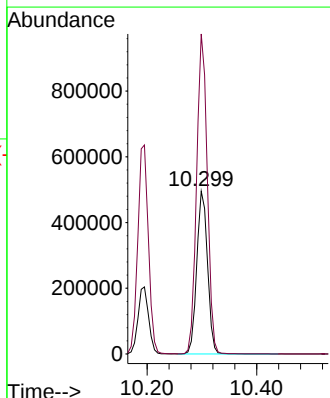
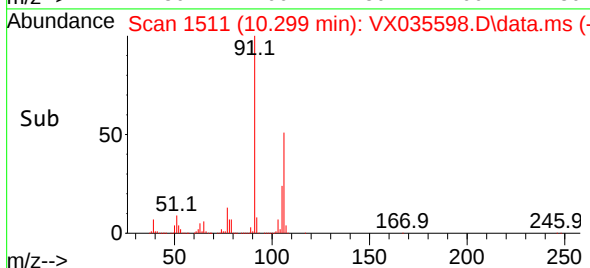
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

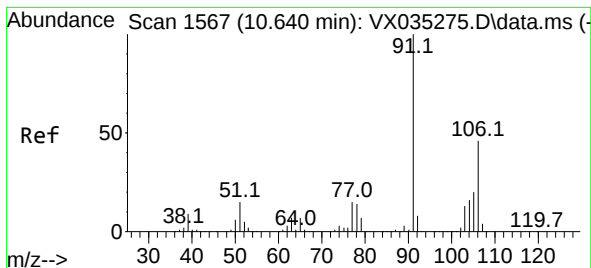


#68
m/p-Xylenes
Concen: 99.749 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52



Tgt Ion:106 Resp: 676734
Ion Ratio Lower Upper
106 100
91 195.4 164.0 246.0





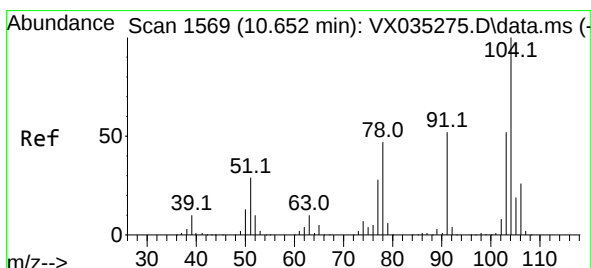
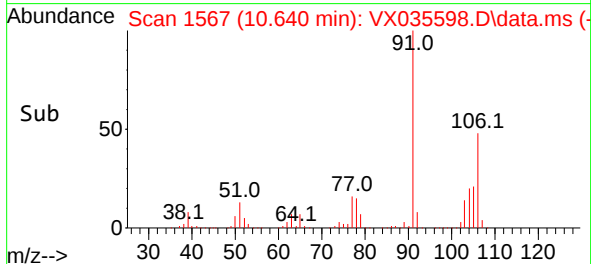
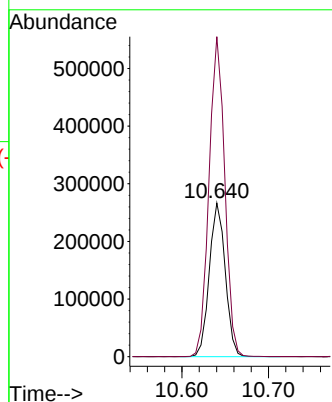
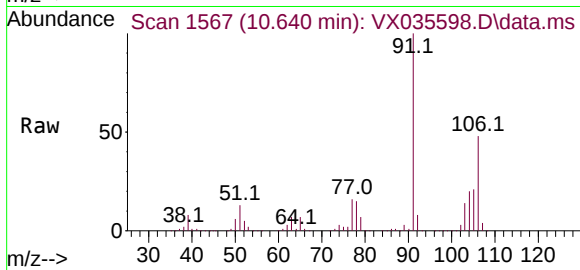
#69
o-Xylene
Concen: 51.262 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 341036
Ion Ratio Lower Upper
106 100
91 205.3 108.5 325.3

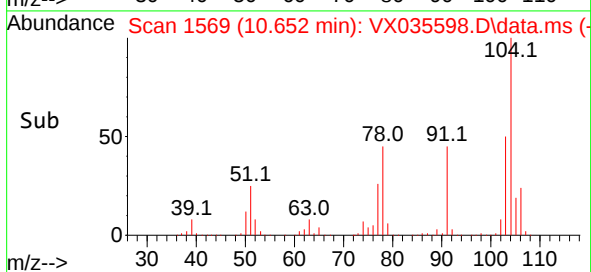
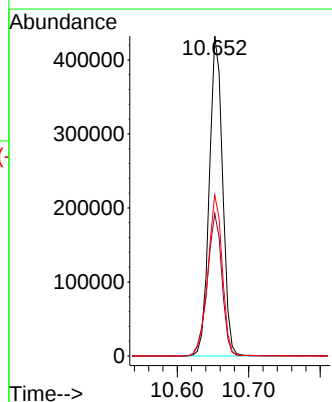
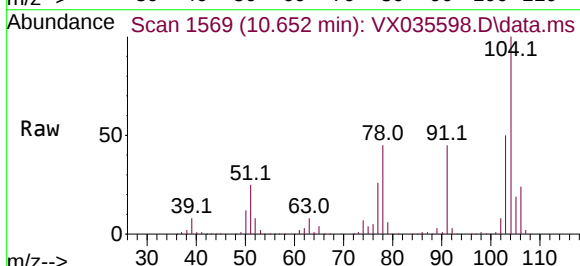
Manual Integrations
APPROVED

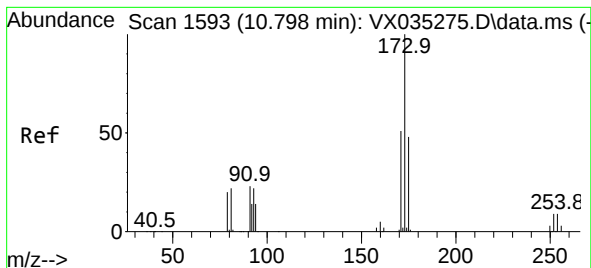
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#70
Styrene
Concen: 51.870 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

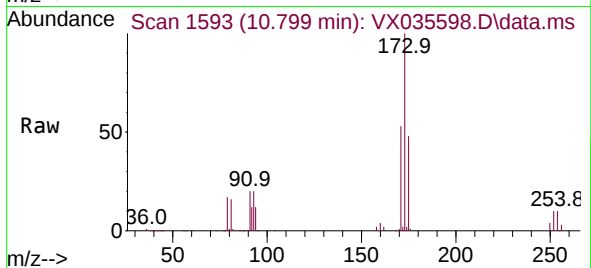
Tgt Ion:104 Resp: 559506
Ion Ratio Lower Upper
104 100
78 49.0 43.4 65.2
103 54.3 44.2 66.2





#71
Bromoform
Concen: 57.985 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

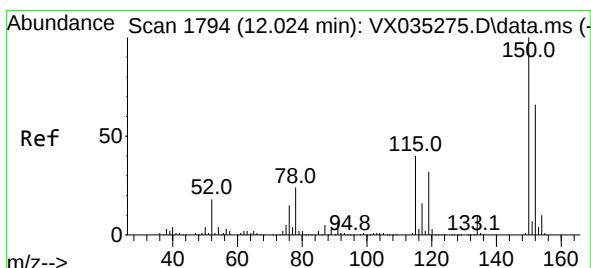
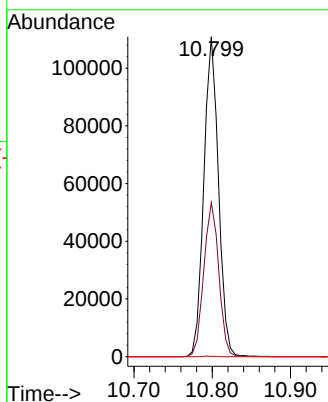
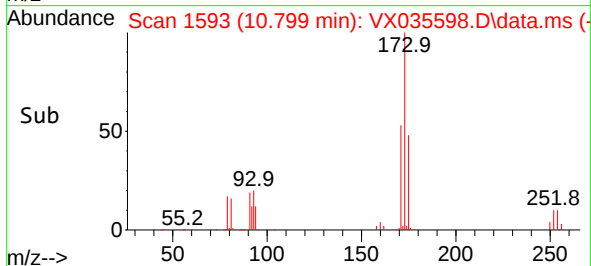
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



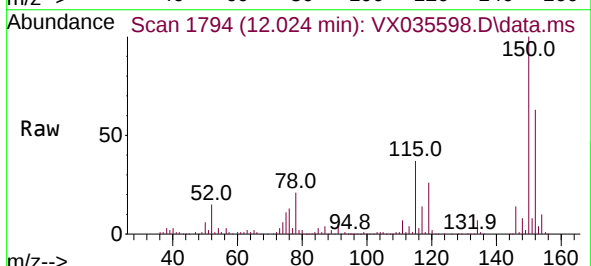
Tgt Ion:173 Resp: 143509
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
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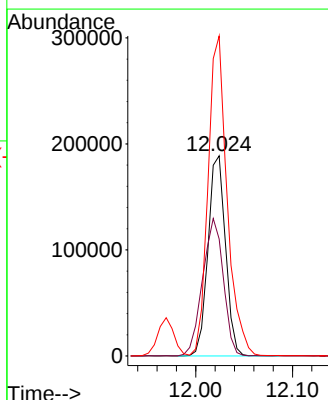
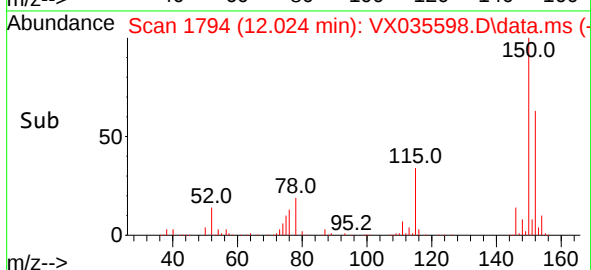
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

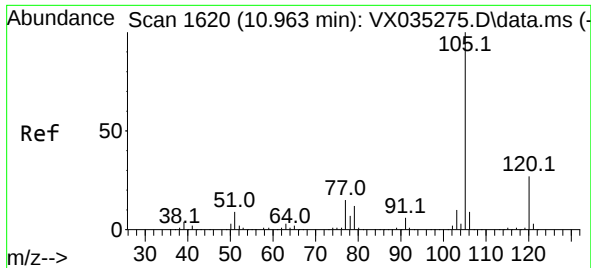


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52



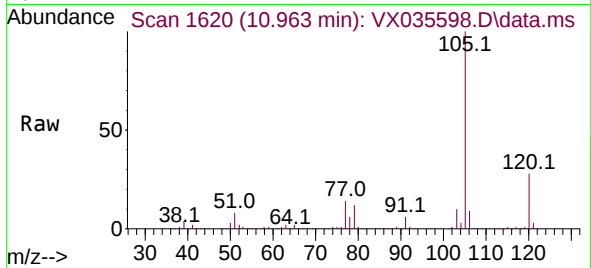
Tgt Ion:152 Resp: 237923
Ion Ratio Lower Upper
152 100
115 81.5 45.0 135.0
150 173.7 0.0 352.4





#73
Isopropylbenzene
Concen: 49.624 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

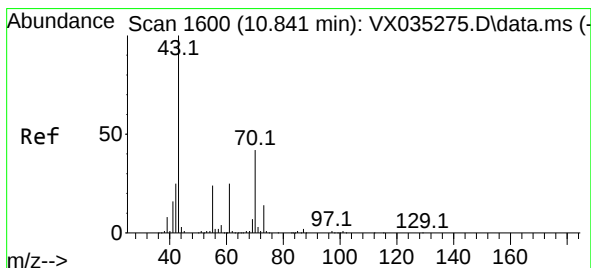
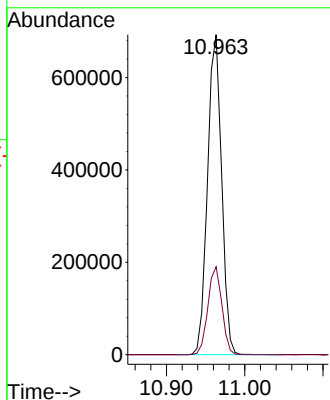
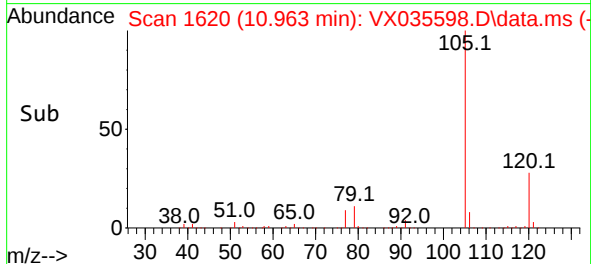
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



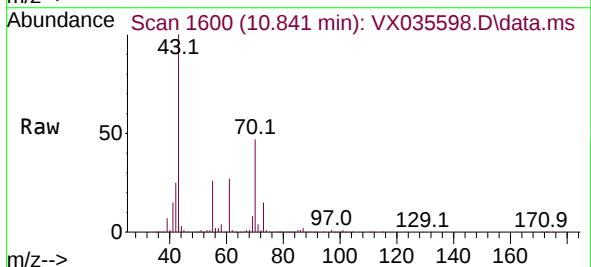
Tgt Ion:105 Resp: 863054
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9

Manual Integrations
APPROVED

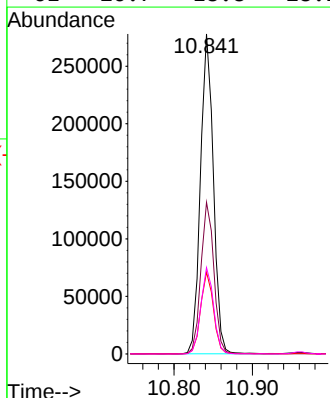
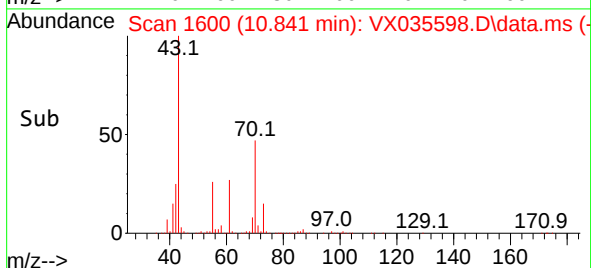
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

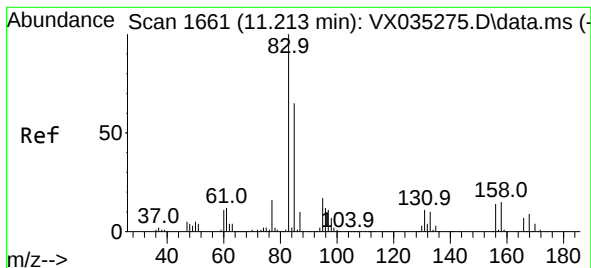


#74
N-ethyl acetate
Concen: 48.705 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52



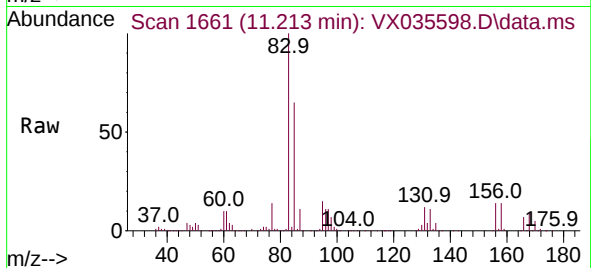
Tgt Ion: 43 Resp: 318336
Ion Ratio Lower Upper
43 100
70 47.8 32.1 48.1
55 25.3 18.3 27.5
61 26.7 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.018 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

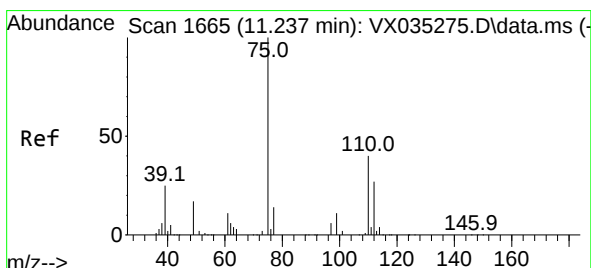
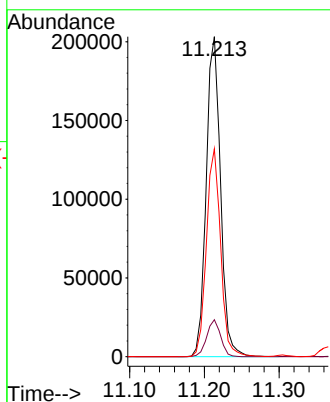
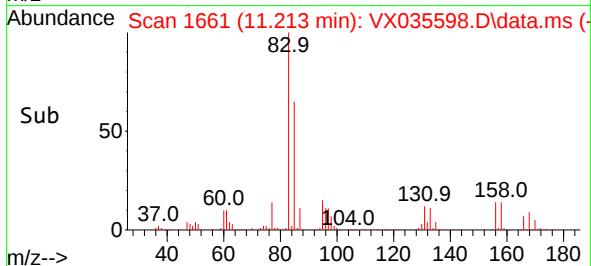
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



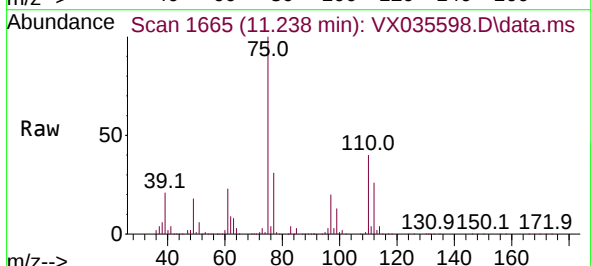
Tgt Ion: 83 Resp: 270000
Ion Ratio Lower Upper
83 100
131 11.2 4.8 14.3
85 64.6 32.0 96.0

Manual Integrations
APPROVED

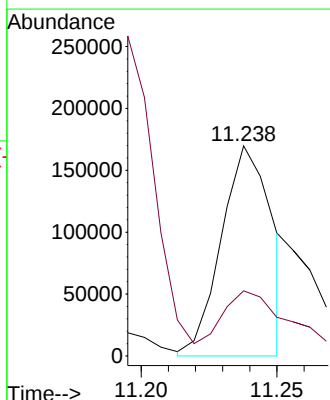
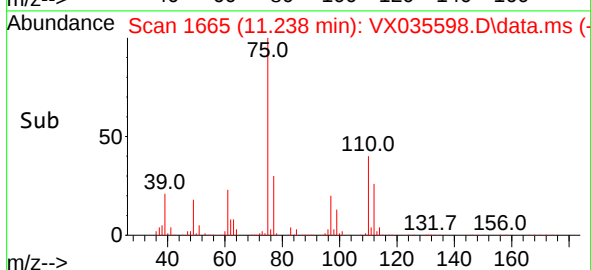
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

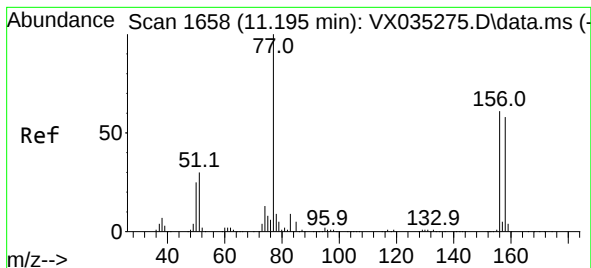


#76
1,2,3-Trichloropropane
Concen: 46.103 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52



Tgt Ion: 75 Resp: 218807
Ion Ratio Lower Upper
75 100
77 42.8 21.6 64.8





#77

Bromobenzene

Concen: 51.946 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

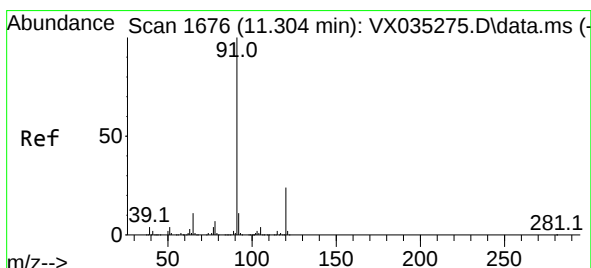
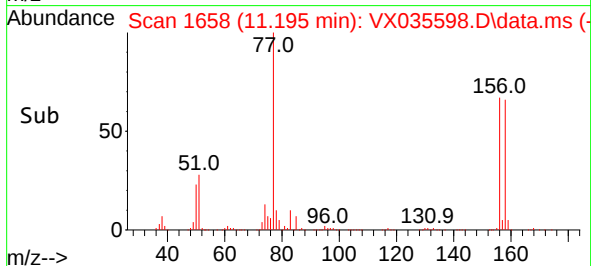
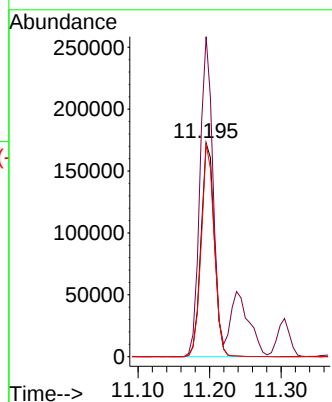
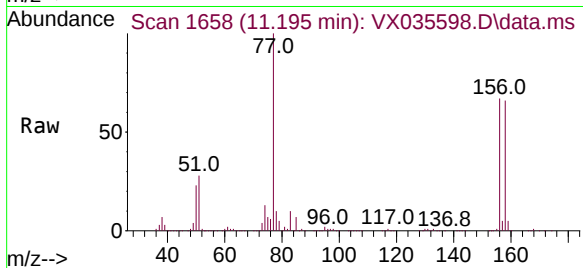
Tgt Ion:	156	Resp:	224570
Ion Ratio	Lower	Upper	
156	100		
77	145.6	86.7	259.9
158	96.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#78

n-propylbenzene

Concen: 48.466 ug/l

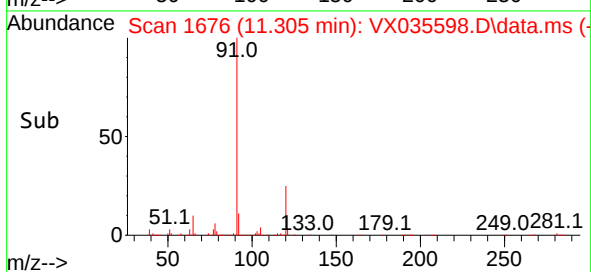
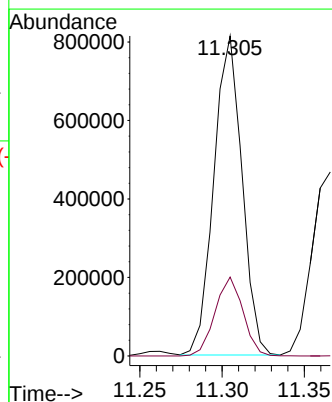
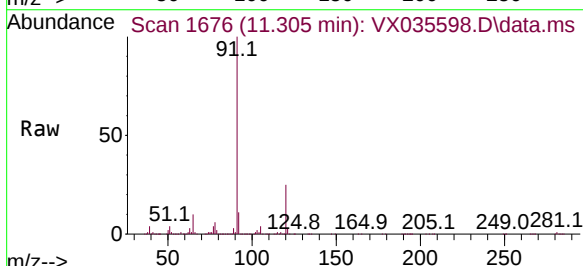
RT: 11.305 min Scan# 1676

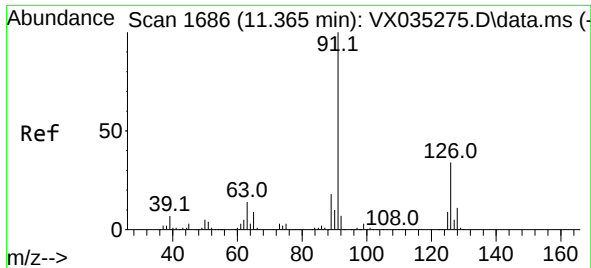
Delta R.T. 0.001 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

Tgt Ion:	91	Resp:	968076
Ion Ratio	Lower	Upper	
91	100		
120	24.5	11.5	34.5





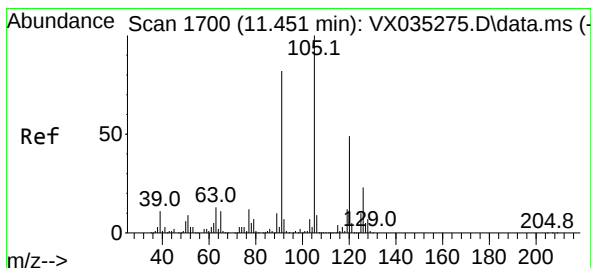
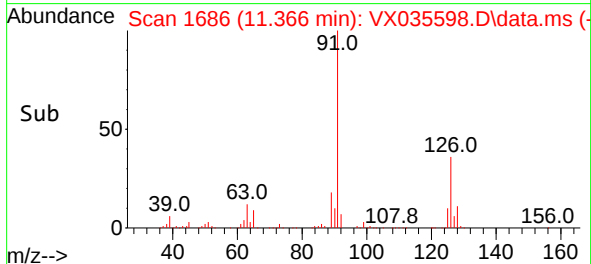
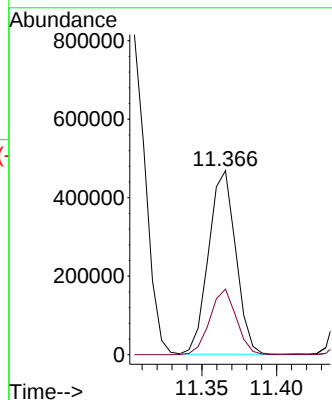
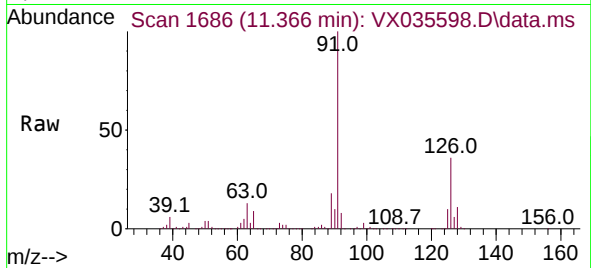
#79
2-Chlorotoluene
Concen: 47.417 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 59183
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.9

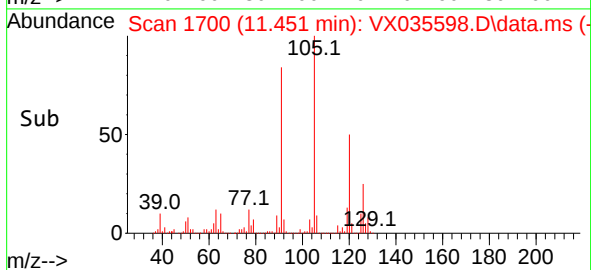
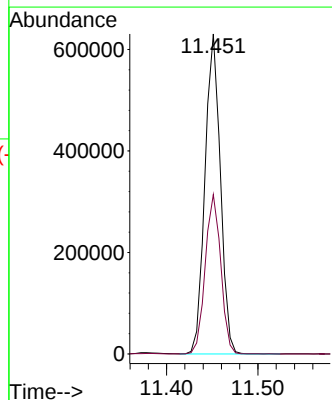
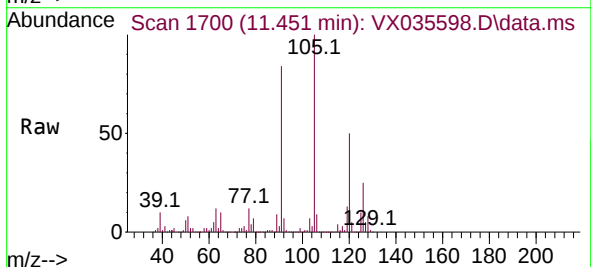
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.260 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

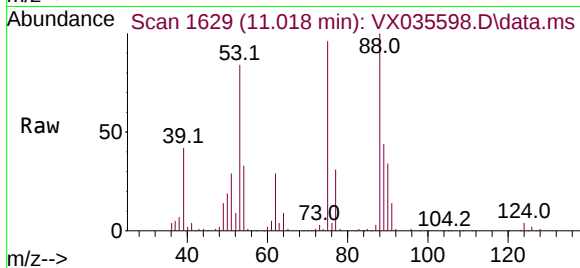
Tgt Ion:105 Resp: 737047
Ion Ratio Lower Upper
105 100
120 50.2 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 55.449 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

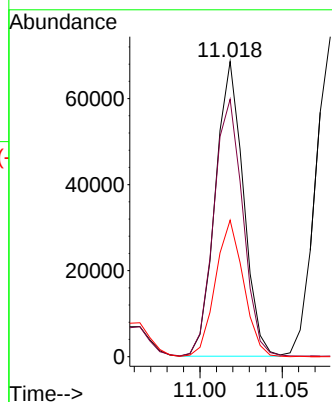
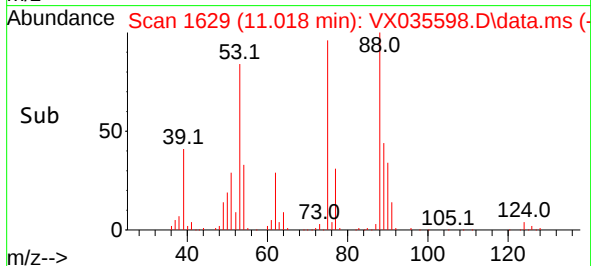
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 8125
Ion Ratio Lower Upper
75 100
53 90.7 82.6 124.0
89 46.4 36.9 55.3

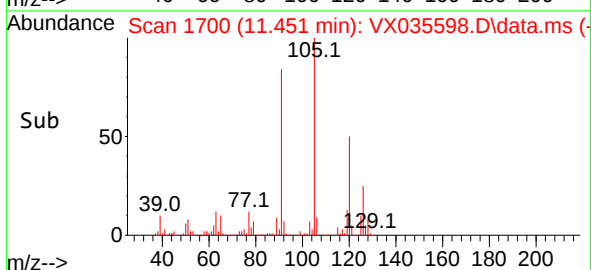
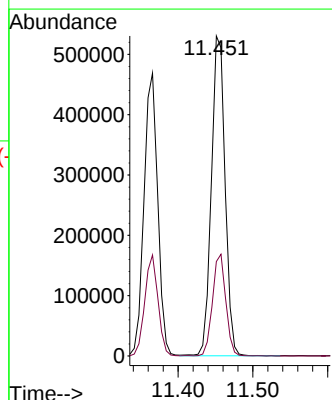
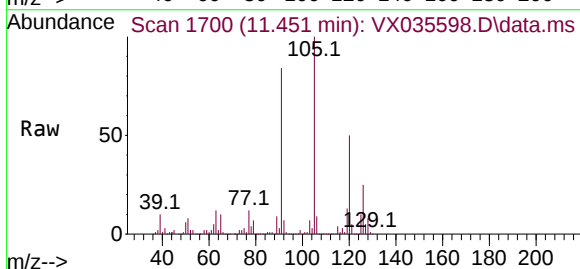
Manual Integrations
APPROVED

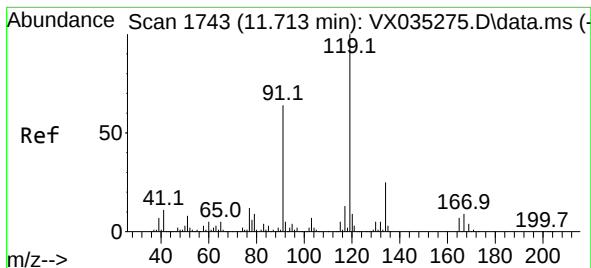
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#82
4-Chlorotoluene
Concen: 48.160 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

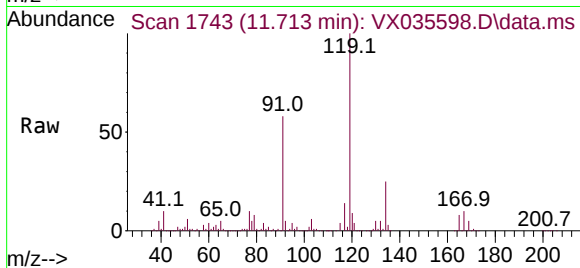
Tgt Ion: 91 Resp: 675150
Ion Ratio Lower Upper
91 100
126 30.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.768 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

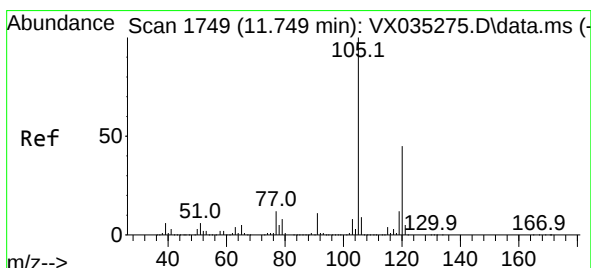
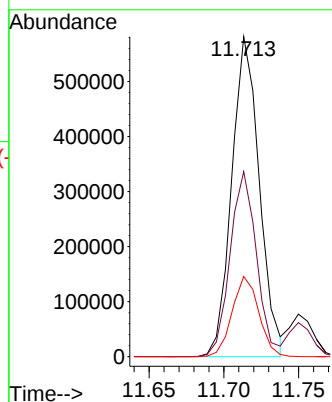
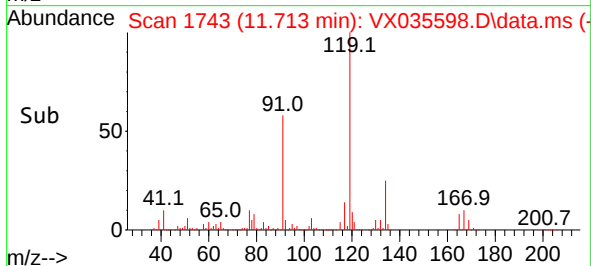
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 746998
Ion Ratio Lower Upper
119 100
91 55.4 30.6 92.0
134 24.2 11.8 35.4

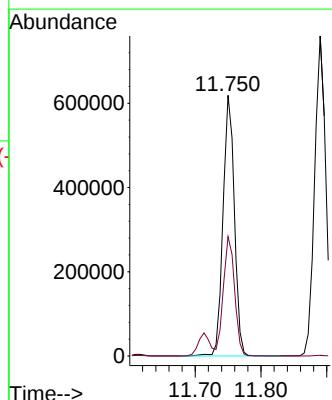
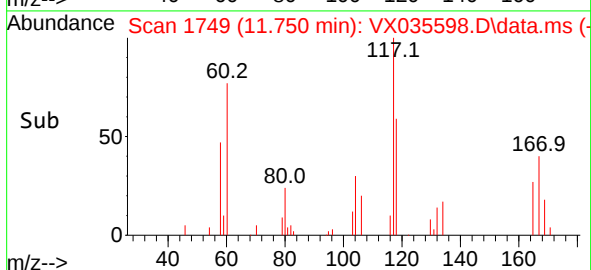
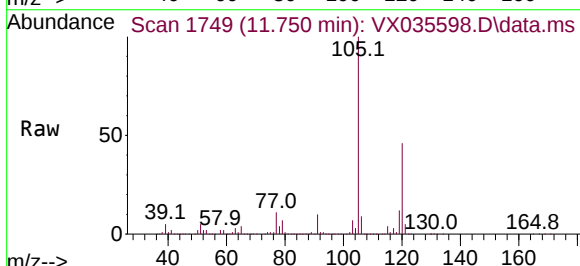
Manual Integrations
APPROVED

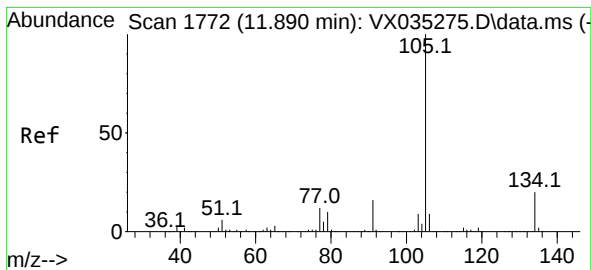
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.455 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

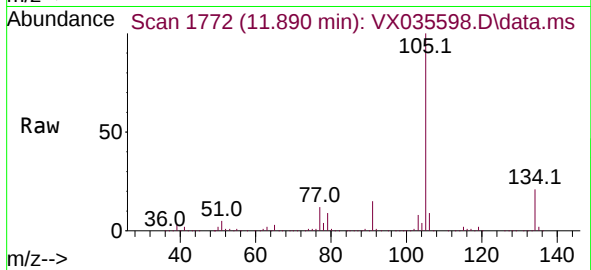
Tgt Ion:105 Resp: 743440
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 49.899 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035598.D
 Acq: 10 May 2023 19:52

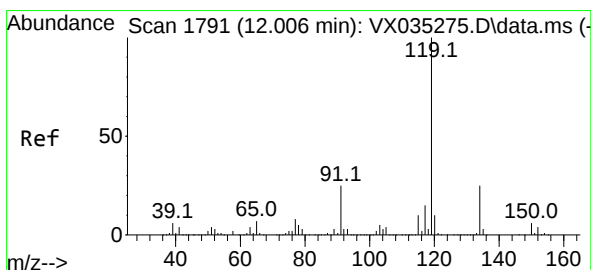
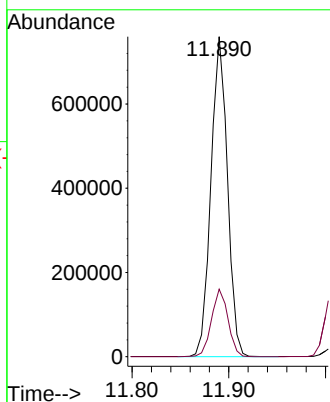
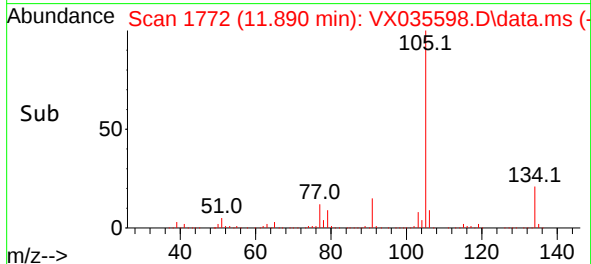
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



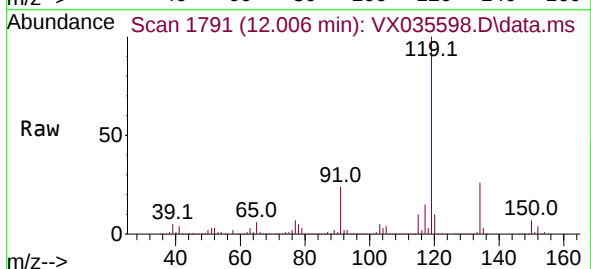
Tgt Ion:105 Resp: 90059
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4

Manual Integrations
 APPROVED

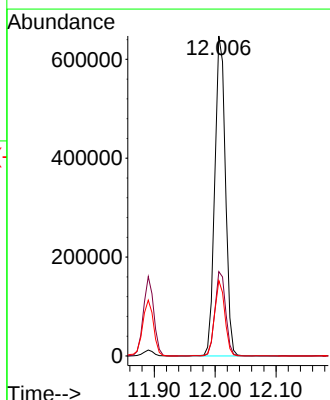
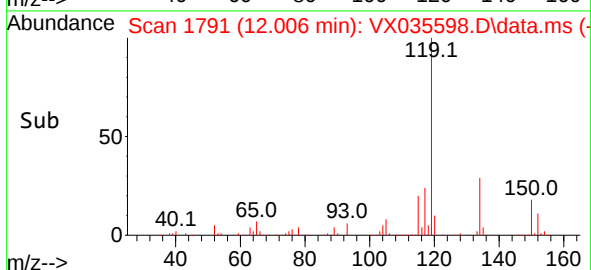
Reviewed By :John Carlone 05/11/2023
 Supervised By :Mahesh Dadoda 05/11/2023

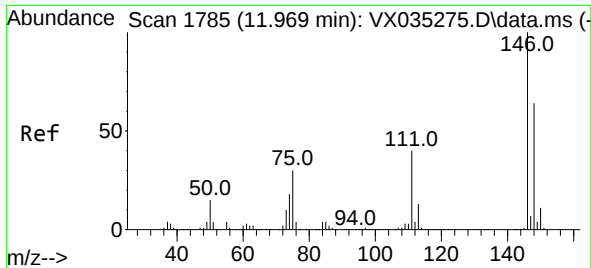


#86
 p-Isopropyltoluene
 Concen: 51.138 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035598.D
 Acq: 10 May 2023 19:52



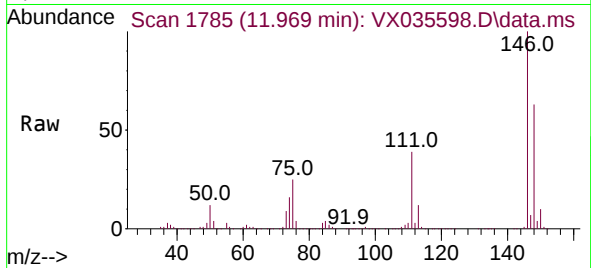
Tgt Ion:119 Resp: 784984
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 22.7 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 50.771 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

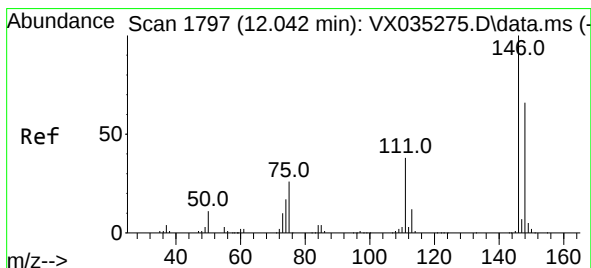
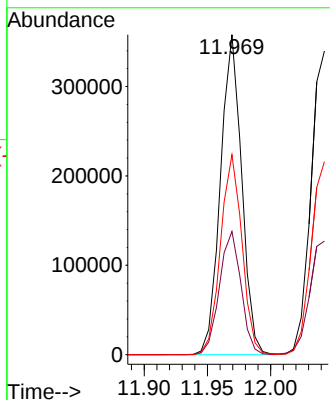
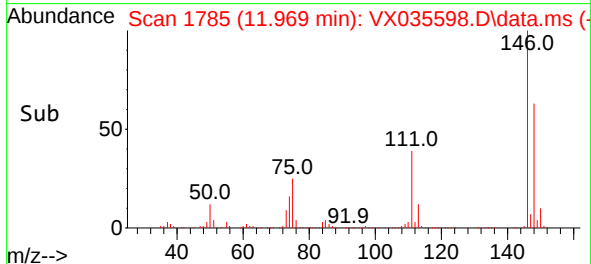
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



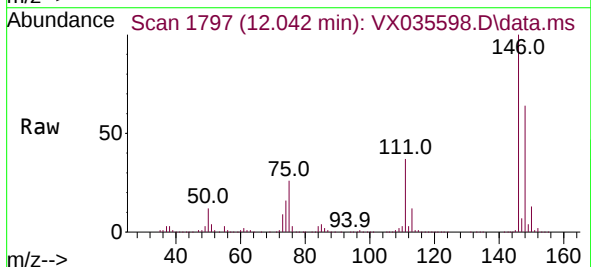
Tgt Ion:146 Resp: 417132
Ion Ratio Lower Upper
146 100
111 39.3 20.9 62.8
148 63.2 31.6 95.0

Manual Integrations
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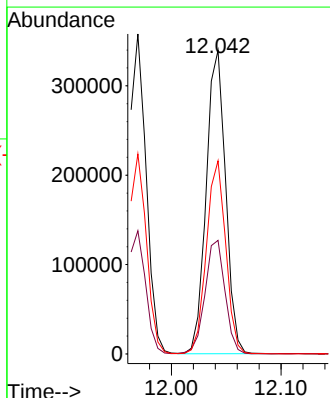
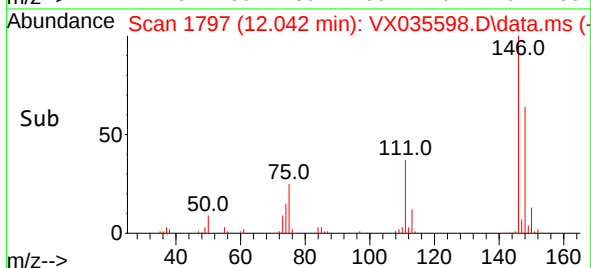
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

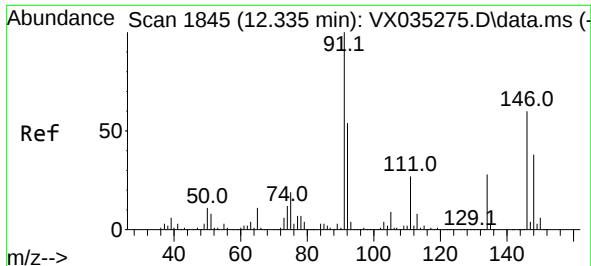


#88
1,4-Dichlorobenzene
Concen: 48.420 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52



Tgt Ion:146 Resp: 417102
Ion Ratio Lower Upper
146 100
111 38.7 20.6 61.9
148 63.4 31.8 95.4





#89

n-Butylbenzene

Concen: 49.582 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 642499

Ion Ratio Lower Upper

91 100

92 55.3 27.7 83.0

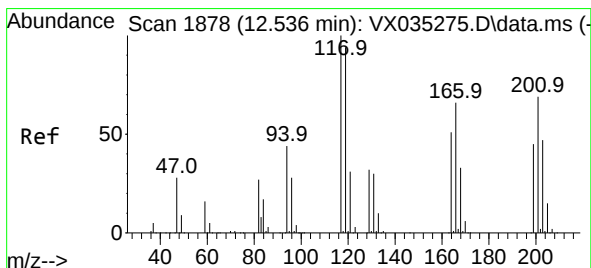
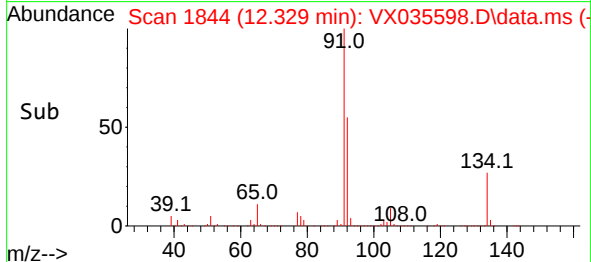
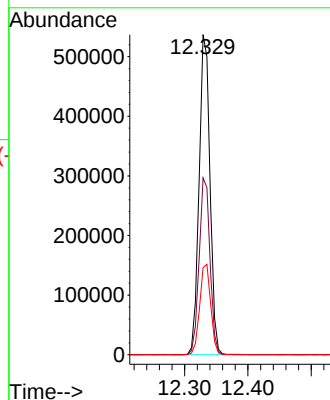
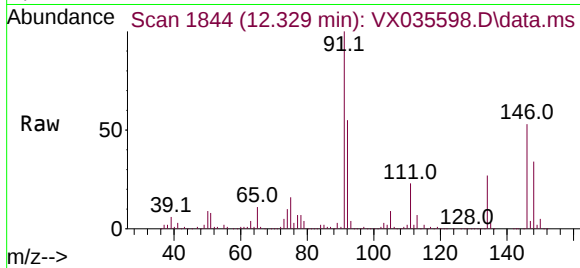
134 28.6 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#90

Hexachloroethane

Concen: 52.295 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035598.D

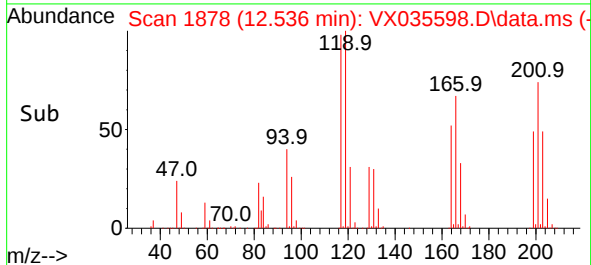
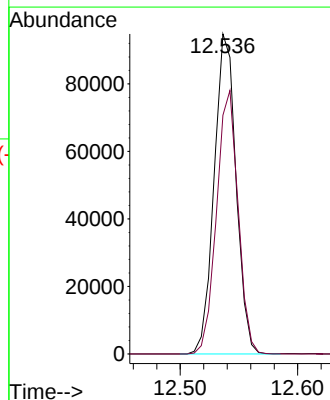
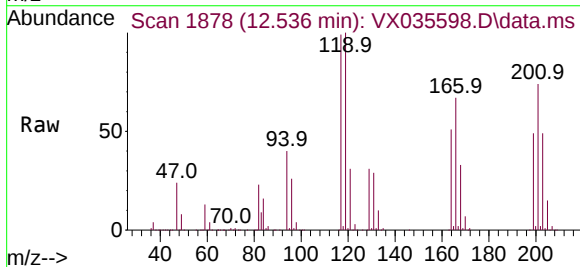
Acq: 10 May 2023 19:52

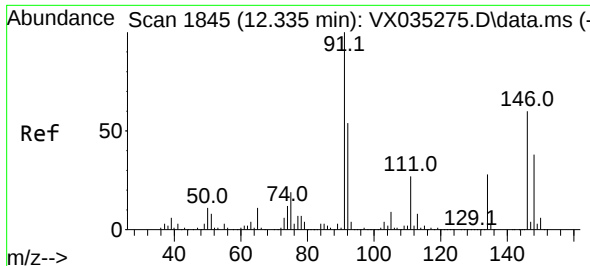
Tgt Ion:117 Resp: 122883

Ion Ratio Lower Upper

117 100

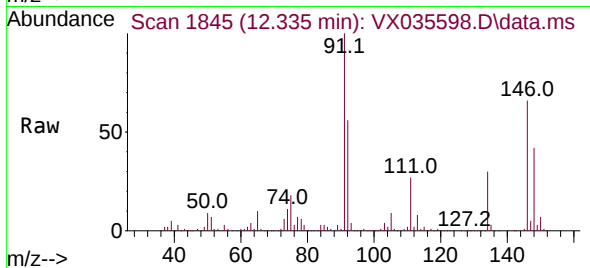
201 81.0 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 50.269 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

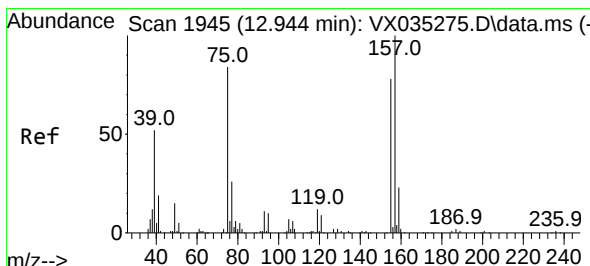
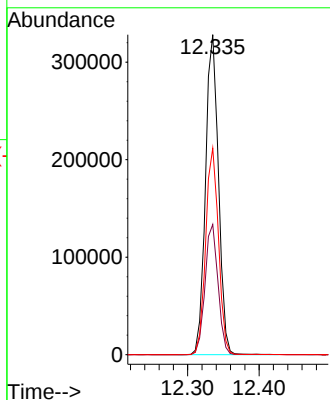
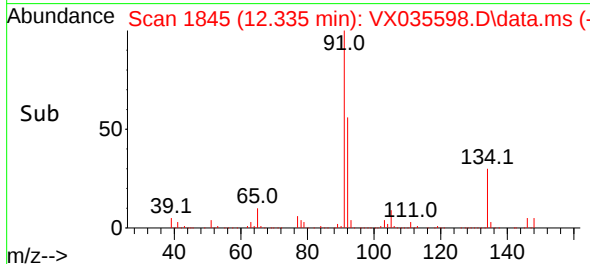
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



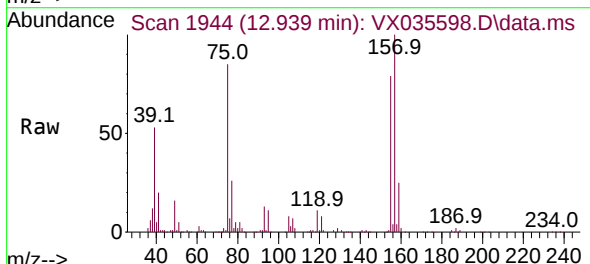
Tgt Ion:146 Resp: 413074
Ion Ratio Lower Upper
146 100
111 40.9 22.0 66.0
148 64.0 32.0 96.0

Manual Integrations
APPROVED

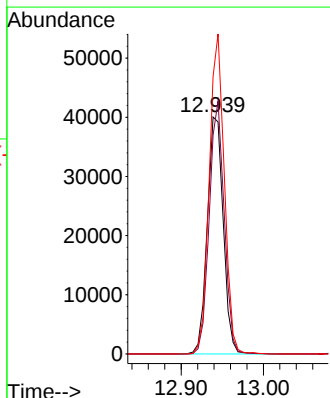
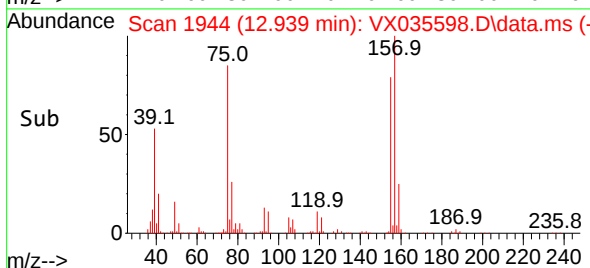
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

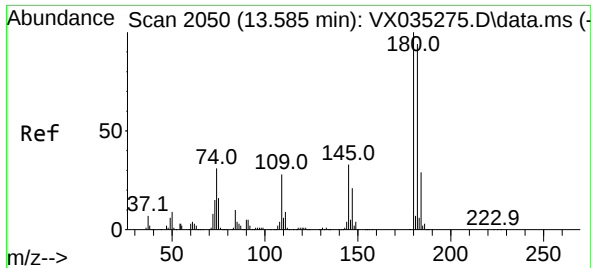


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.807 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.005 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52



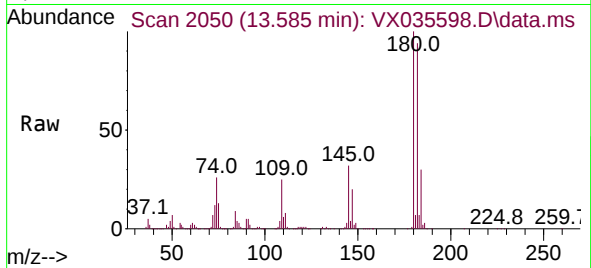
Tgt Ion: 75 Resp: 53913
Ion Ratio Lower Upper
75 100
155 99.9 38.4 115.1
157 127.5 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 53.214 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52

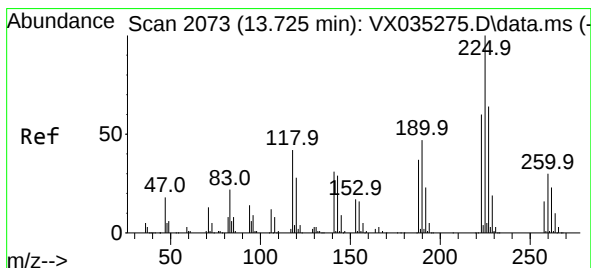
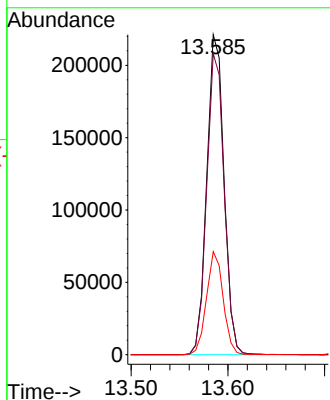
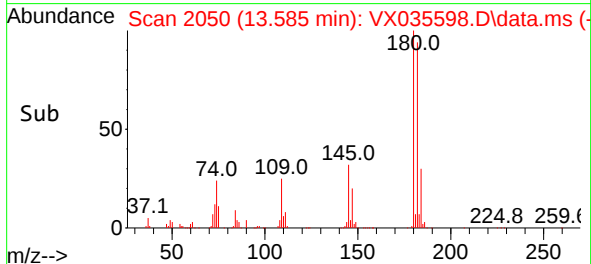
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



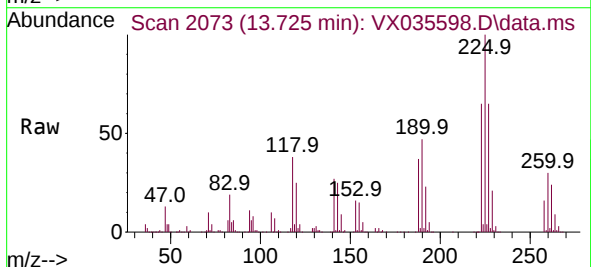
Tgt Ion:180 Resp: 274860
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.0
145 31.2 15.9 47.7

Manual Integrations
APPROVED

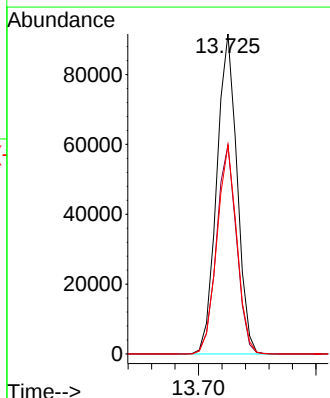
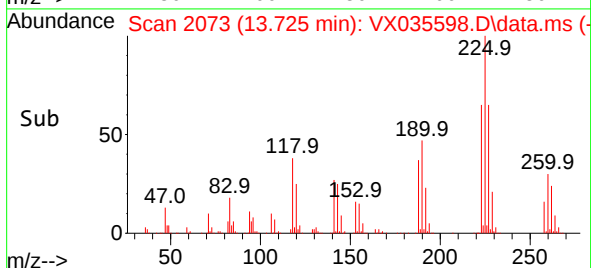
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

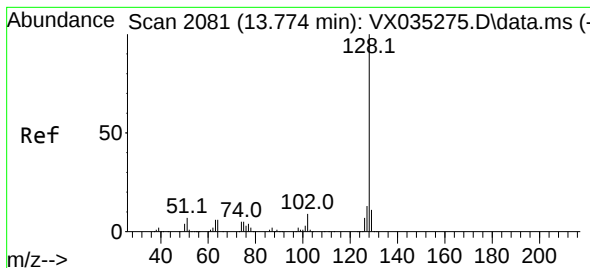


#94
Hexachlorobutadiene
Concen: 48.526 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035598.D
Acq: 10 May 2023 19:52



Tgt Ion:225 Resp: 110003
Ion Ratio Lower Upper
225 100
223 64.3 32.1 96.5
227 64.1 31.8 95.4





#95

Naphthalene

Concen: 53.409 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

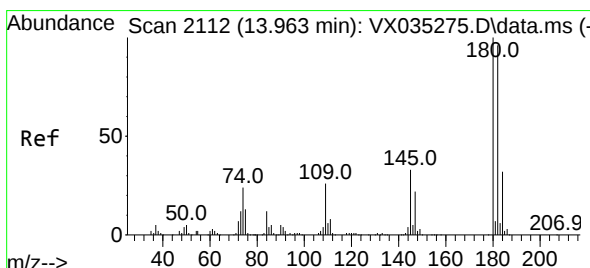
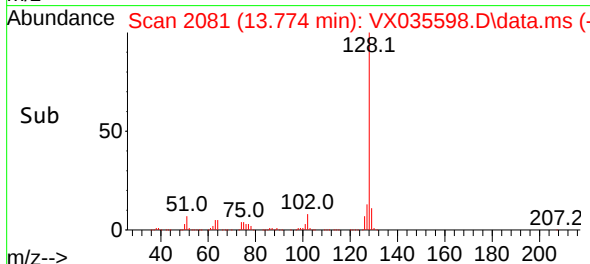
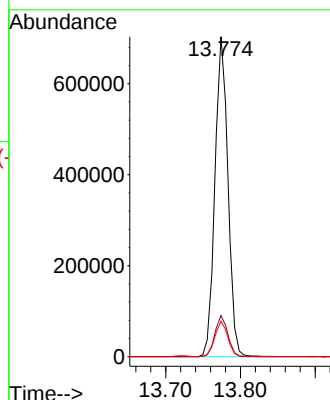
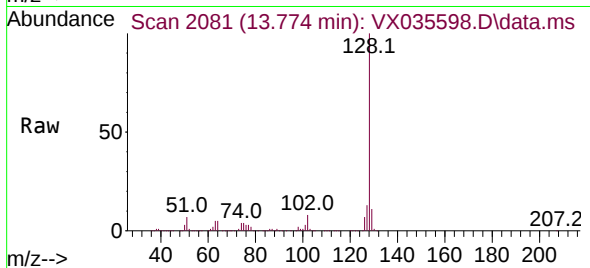
Tgt Ion:128	Resp: 84925
Ion Ratio	Lower Upper
128 100	
127 12.7	10.2 15.4
129 11.0	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#96

1,2,3-Trichlorobenzene

Concen: 51.017 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035598.D

Acq: 10 May 2023 19:52

Tgt Ion:180	Resp: 265265
Ion Ratio	Lower Upper
180 100	
182 94.2	48.0 144.2
145 33.3	17.7 53.1

