

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031786.D
 Acq On : 29 Sep 2022 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Sep 30 04:40:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	84885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76069	42.223	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.440%		
35) Dibromofluoromethane	5.379	113	74252	49.173	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.340%		
50) Toluene-d8	8.647	98	264259	48.271	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.540%		
62) 4-Bromofluorobenzene	11.079	95	104152	51.908	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	55083	53.320	ug/l	98
3) Chloromethane	1.289	50	43778	47.866	ug/l	100
4) Vinyl Chloride	1.374	62	59480	41.837	ug/l	98
5) Bromomethane	1.612	94	40691	29.524	ug/l	100
6) Chloroethane	1.685	64	56248	32.850	ug/l	95
7) Trichlorofluoromethane	1.886	101	132016	36.750	ug/l	99
8) Diethyl Ether	2.130	74	44270	43.928	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	59147	52.419	ug/l	89
10) Methyl Iodide	2.453	142	50412	45.580	ug/l	99
11) Tert butyl alcohol	3.020	59	60256	261.741	ug/l	97
12) 1,1-Dichloroethene	2.319	96	53541	62.484	ug/l #	80
13) Acrolein	2.240	56	21938	197.906	ug/l	97
14) Allyl chloride	2.666	41	67226	45.283	ug/l #	93
15) Acrylonitrile	3.069	53	142363	227.688	ug/l	99
16) Acetone	2.392	43	113284	273.343	ug/l	96
17) Carbon Disulfide	2.508	76	100489	53.216	ug/l	99
18) Methyl Acetate	2.703	43	73942	45.672	ug/l #	85
19) Methyl tert-butyl Ether	3.111	73	203554	50.798	ug/l	95
20) Methylene Chloride	2.788	84	61474	54.097	ug/l #	82
21) trans-1,2-Dichloroethene	3.093	96	61414	49.233	ug/l	86
22) Diisopropyl ether	3.758	45	166114	43.477	ug/l #	86
23) Vinyl Acetate	3.721	43	665292	220.171	ug/l #	89
24) 1,1-Dichloroethane	3.611	63	104524	47.452	ug/l	96
25) 2-Butanone	4.562	43	183582	213.479	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	79165	44.280	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	78483	51.373	ug/l	80
28) Bromochloromethane	4.898	49	44409	43.097	ug/l #	53
29) Tetrahydrofuran	5.013	42	115238	213.316	ug/l #	79
30) Chloroform	5.093	83	130315	48.090	ug/l	100
31) Cyclohexane	5.465	56	77704	45.361	ug/l #	84
32) 1,1,1-Trichloroethane	5.385	97	117363	52.292	ug/l	94
36) 1,1-Dichloropropene	5.690	75	84171	48.537	ug/l	94
37) Ethyl Acetate	4.715	43	74493	42.587	ug/l #	94
38) Carbon Tetrachloride	5.678	117	106440	54.462	ug/l	99
39) Methylcyclohexane	7.379	83	98717	49.962	ug/l #	86
40) Benzene	6.038	78	252824	47.468	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39716	44.622	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	92325	44.821	ug/l	96
43) Isopropyl Acetate	6.342	43	123420	44.831	ug/l #	90
44) Trichloroethene	7.129	130	80427	53.462	ug/l	91
45) 1,2-Dichloropropane	7.428	63	60605	46.885	ug/l	98
46) Dibromomethane	7.580	93	51277	49.395	ug/l #	86
47) Bromodichloromethane	7.824	83	98837	52.762	ug/l	98
48) Methyl methacrylate	7.696	41	56205	46.422	ug/l #	82
49) 1,4-Dioxane	7.708	88	34465	1177.456	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	393001	225.529	ug/l	90
52) Toluene	8.720	92	181914	51.239	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	98322	45.617	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	104297	53.574	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	79010	51.689	ug/l	94
56) Ethyl methacrylate	9.116	69	104427	53.396	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	119967	49.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	239065	248.247	ug/l #	83
59) 2-Hexanone	9.433	43	293033	225.384	ug/l	88
60) Dibromochloromethane	9.525	129	90243	50.546	ug/l	99
61) 1,2-Dibromoethane	9.610	107	86205	55.557	ug/l	99
64) Tetrachloroethene	9.275	164	82918	54.448	ug/l	95
65) Chlorobenzene	10.080	112	216301	54.493	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	84066	58.861	ug/l	98
67) Ethyl Benzene	10.195	91	353693	52.381	ug/l	95
68) m/p-Xylenes	10.305	106	300354	110.707	ug/l	92
69) o-Xylene	10.640	106	148322	55.932	ug/l	91
70) Styrene	10.659	104	247995	57.452	ug/l	95
71) Bromoform	10.799	173	66375	53.901	ug/l #	99
73) Isopropylbenzene	10.964	105	391705	50.196	ug/l	97
74) N-amyl acetate	10.842	43	112795	44.560	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.214	83	114369	46.125	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	101140m	46.235	ug/l	
77) Bromobenzene	11.201	156	107248	54.063	ug/l	83
78) n-propylbenzene	11.305	91	427501	49.231	ug/l	95
79) 2-Chlorotoluene	11.366	91	257616	48.043	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	341911	51.688	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	27732	43.548	ug/l	96
82) 4-Chlorotoluene	11.457	91	302789	48.877	ug/l	92
83) tert-Butylbenzene	11.713	119	347144	54.420	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	337304	51.515	ug/l	95
85) sec-Butylbenzene	11.890	105	414886	51.177	ug/l	96
86) p-Isopropyltoluene	12.012	119	370525	53.000	ug/l	96
87) 1,3-Dichlorobenzene	11.970	146	205956	53.554	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	212598	52.812	ug/l	96
89) n-Butylbenzene	12.335	91	281092	49.220	ug/l	96
90) Hexachloroethane	12.536	117	59244	52.848	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	209908	54.503	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24794	49.902	ug/l	70
93) 1,2,4-Trichlorobenzene	13.585	180	128528	57.067	ug/l	99
94) Hexachlorobutadiene	13.725	225	49395	56.244	ug/l	98
95) Naphthalene	13.774	128	432899	57.543	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	129799	56.155	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

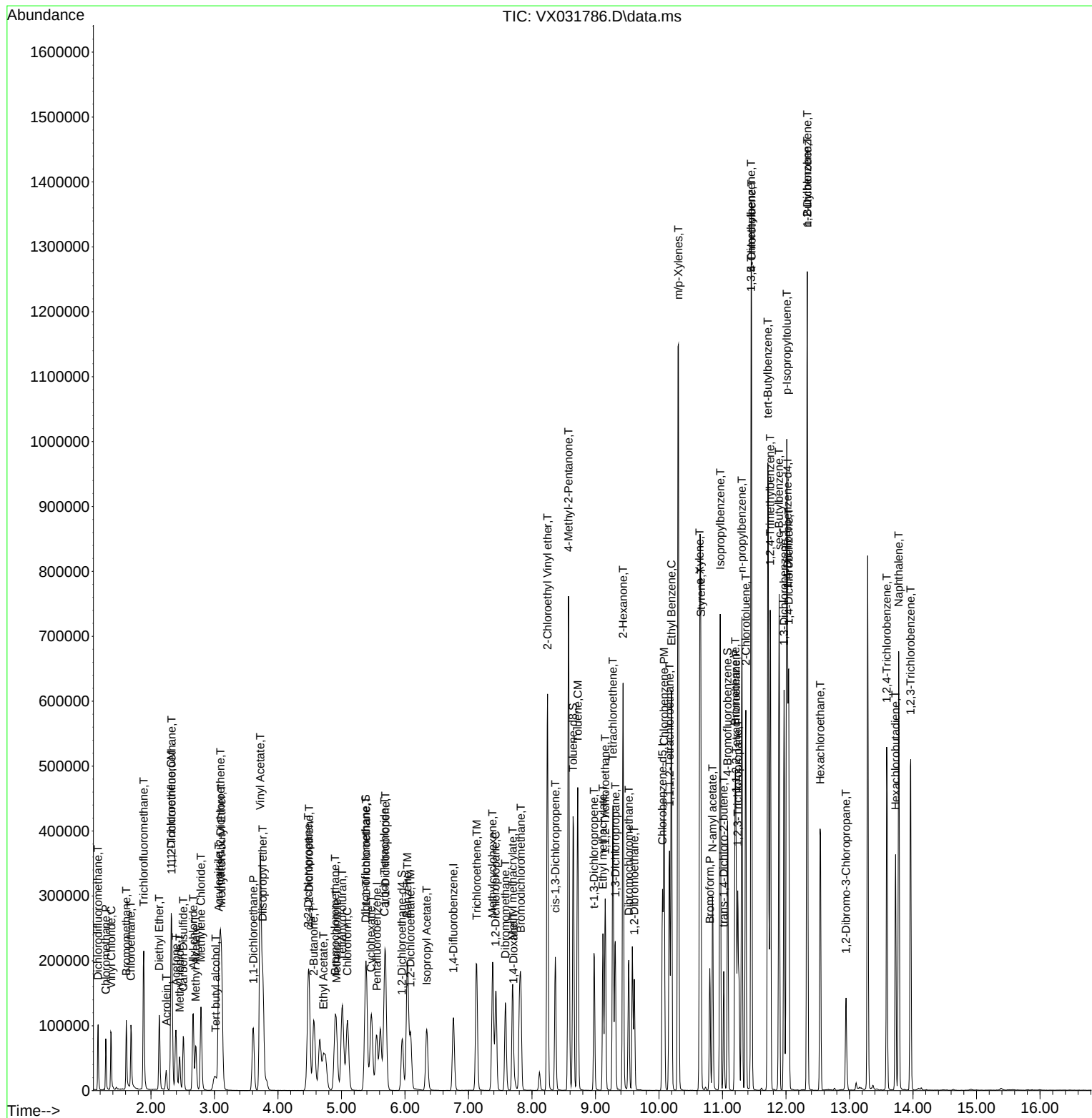
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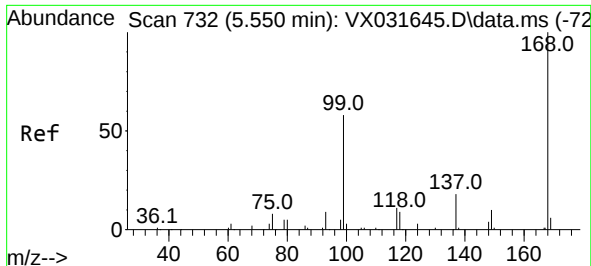
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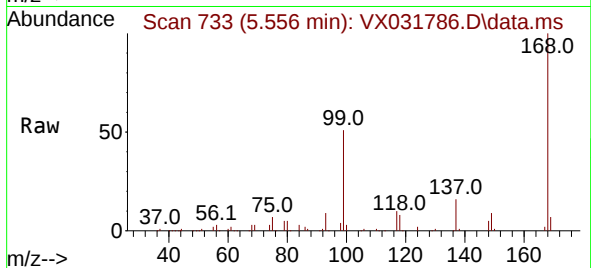
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031786.D
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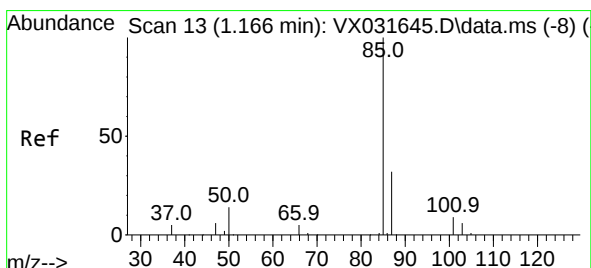
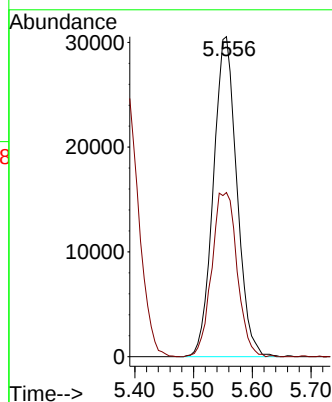
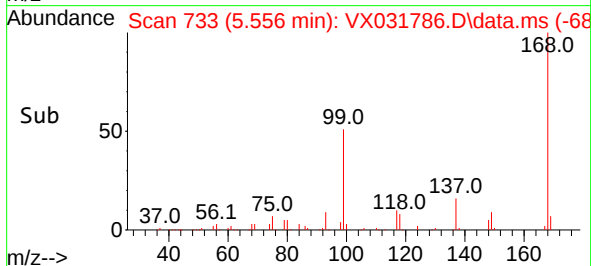


Tgt Ion:168 Resp: 8488
Ion Ratio Lower Upper
168 100
99 51.3 48.8 73.2

Manual Integrations

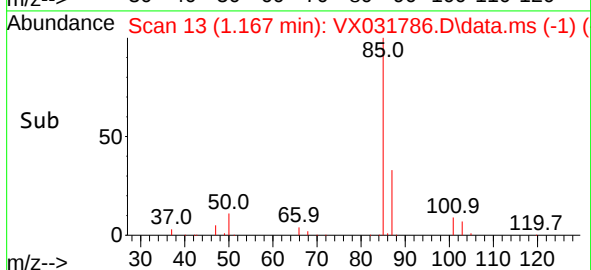
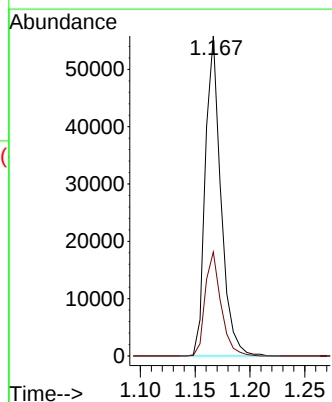
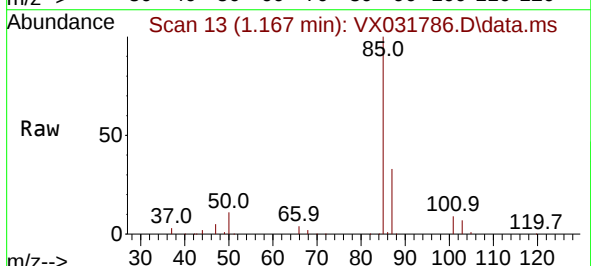
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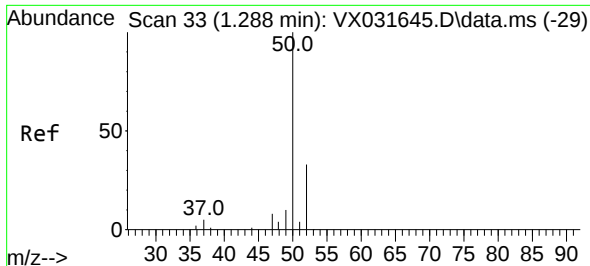
Reviewed By :John Carlone 09/30/2022
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#2
Dichlorodifluoromethane
Concen: 53.320 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

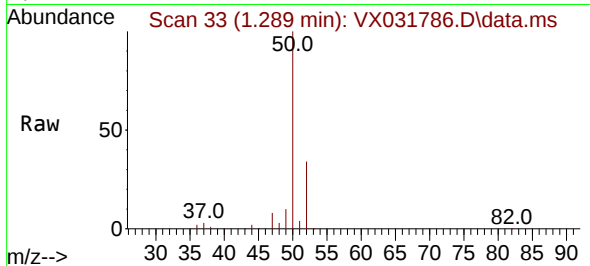
Tgt Ion: 85 Resp: 55083
Ion Ratio Lower Upper
85 100
87 32.5 15.8 47.4





#3
Chloromethane
Concen: 47.866 ug/l
RT: 1.289 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

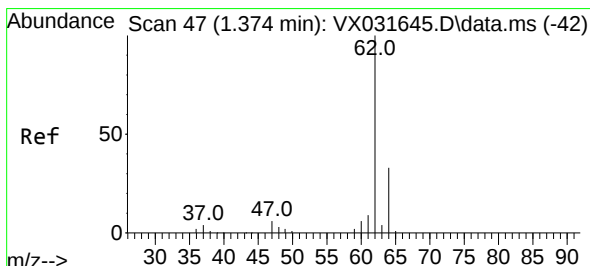
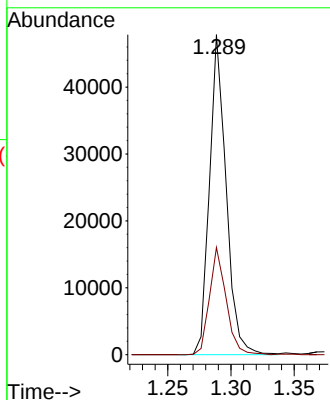
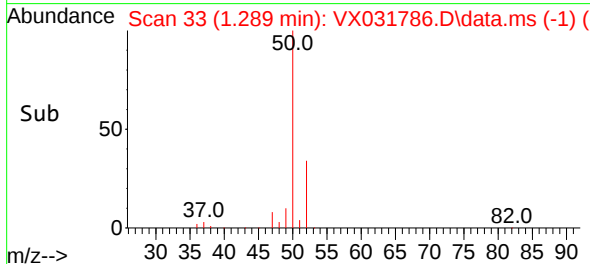
Instrument :
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Tgt Ion: 50 Resp: 43778
Ion Ratio Lower Upper
50 100
52 33.5 26.9 40.3

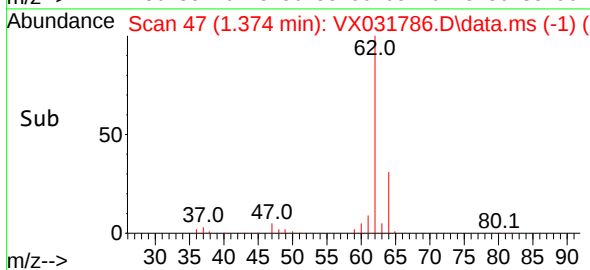
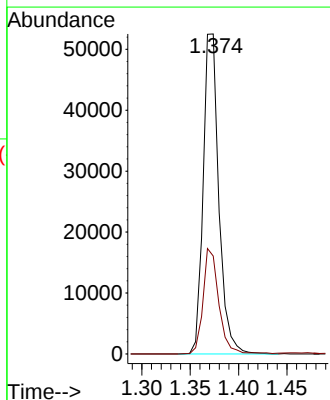
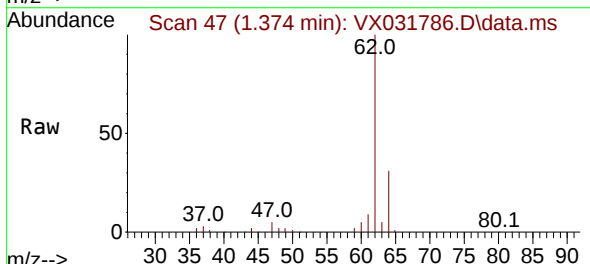
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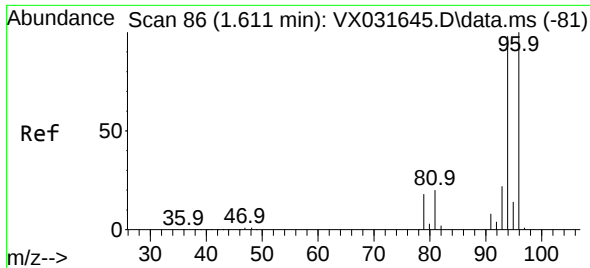
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#4
Vinyl Chloride
Concen: 41.837 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

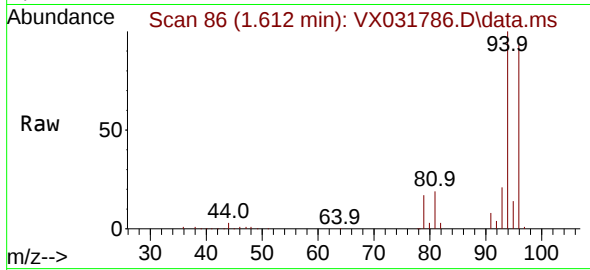
Tgt Ion: 62 Resp: 59480
Ion Ratio Lower Upper
62 100
64 30.6 25.3 37.9





#5
Bromomethane
Concen: 29.524 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.001 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

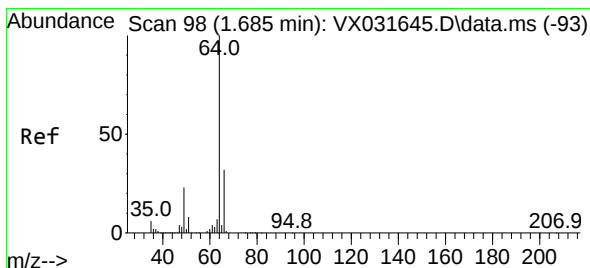
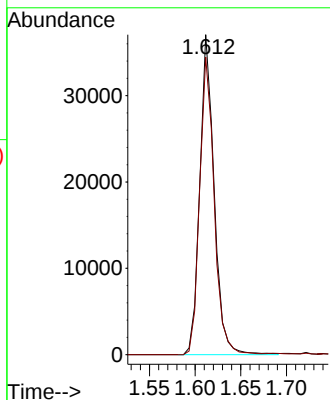
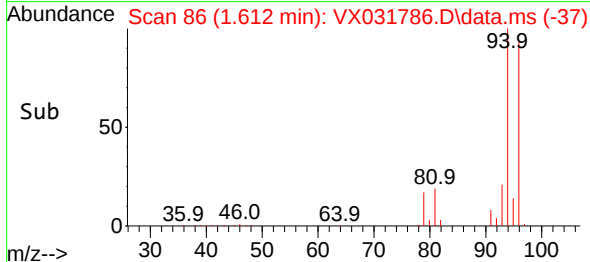
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Tgt Ion: 94 Resp: 4069
Ion Ratio Lower Upper
94 100
96 93.0 74.4 111.6

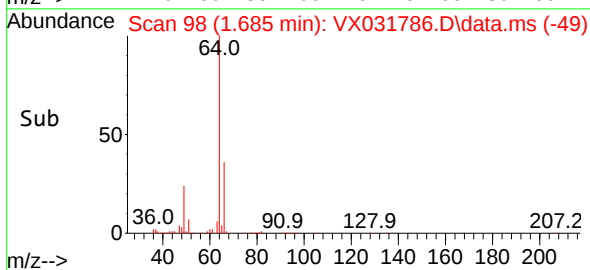
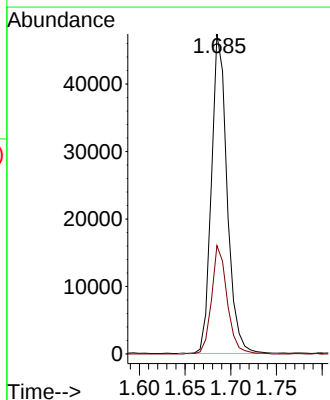
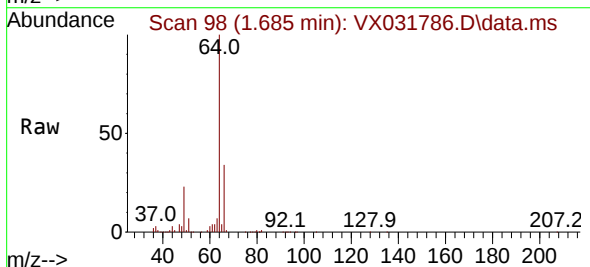
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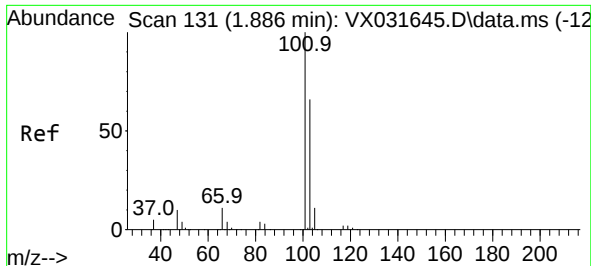
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#6
Chloroethane
Concen: 32.850 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

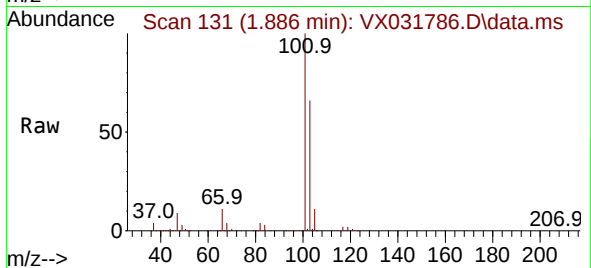
Tgt Ion: 64 Resp: 56248
Ion Ratio Lower Upper
64 100
66 33.9 25.0 37.4





#7
Trichlorofluoromethane
Concen: 36.750 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

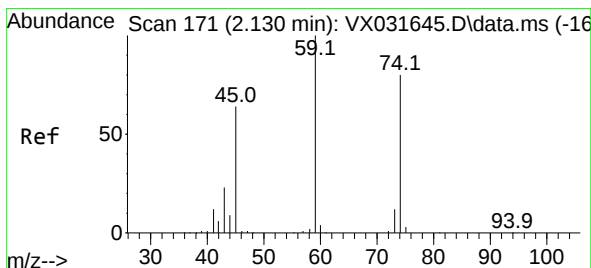
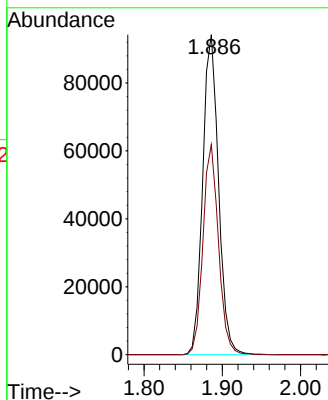
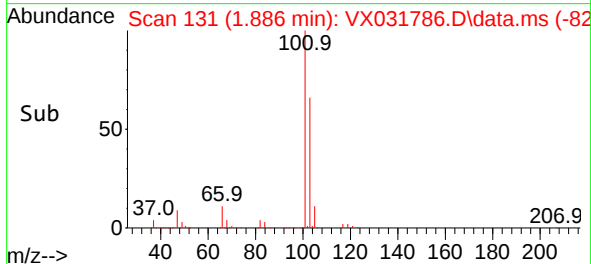
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Tgt Ion:101 Resp: 132010
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.6

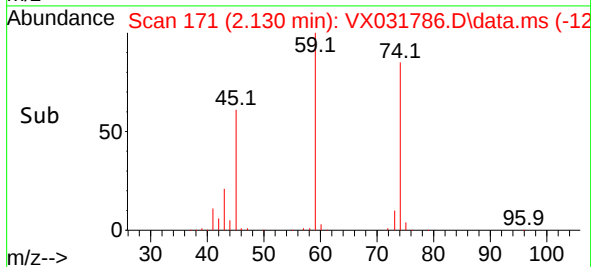
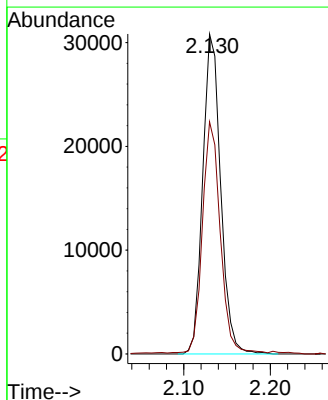
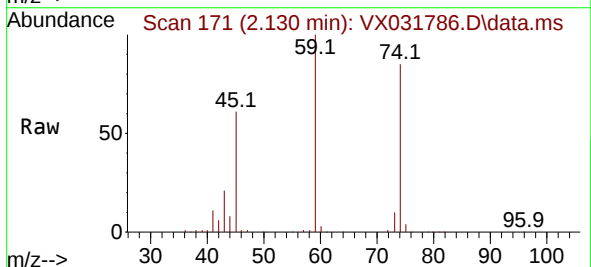
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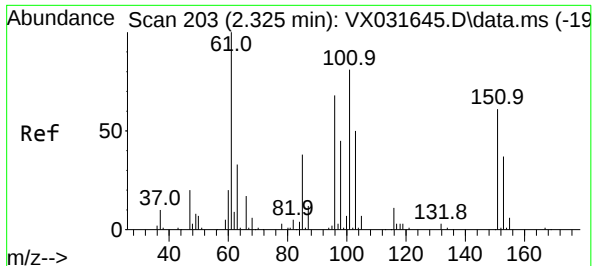
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#8
Diethyl Ether
Concen: 43.928 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Tgt Ion: 74 Resp: 44270
Ion Ratio Lower Upper
74 100
45 71.4 48.5 145.6





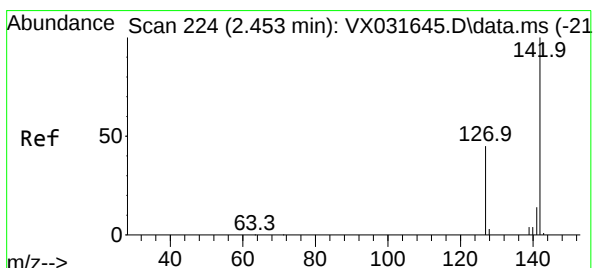
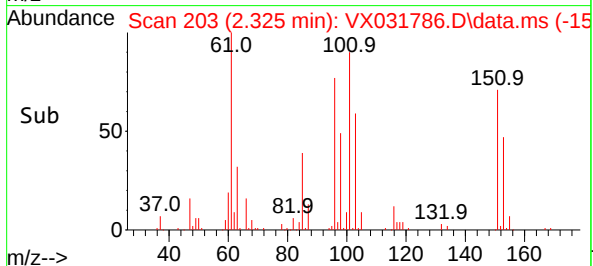
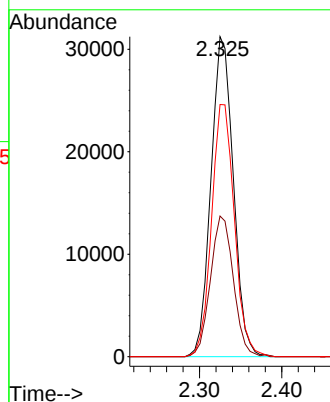
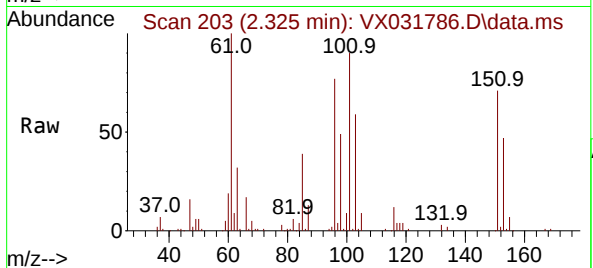
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.419 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5914
Ion Ratio Lower Upper
101 100
85 45.0 38.6 57.8
151 80.3 54.0 81.0

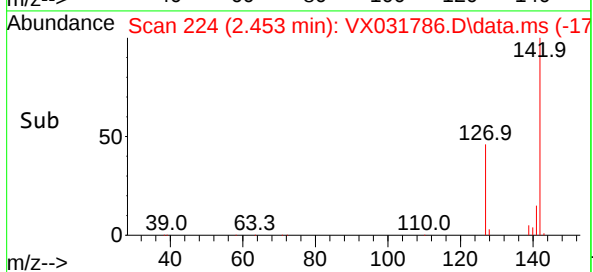
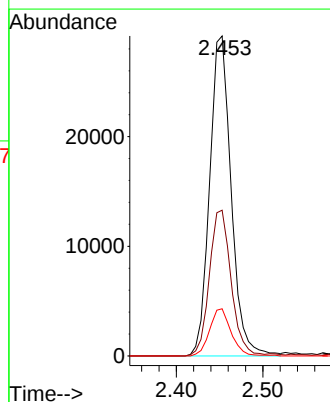
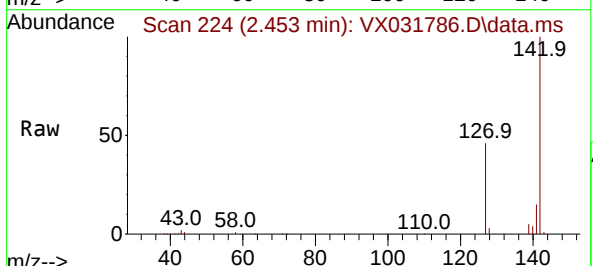
Manual Integrations
APPROVED

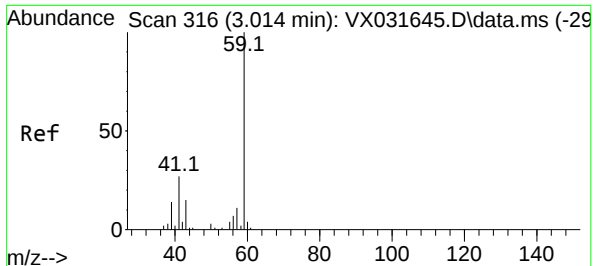
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#10
Methyl Iodide
Concen: 45.580 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

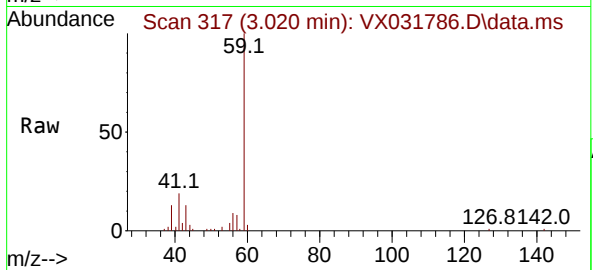
Tgt Ion:142 Resp: 50412
Ion Ratio Lower Upper
142 100
127 45.9 37.4 56.0
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 261.741 ug/l
RT: 3.020 min Scan# 316
Delta R.T. 0.031 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

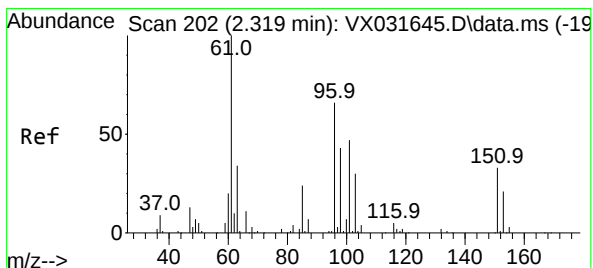
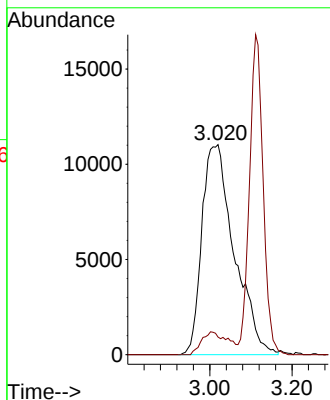
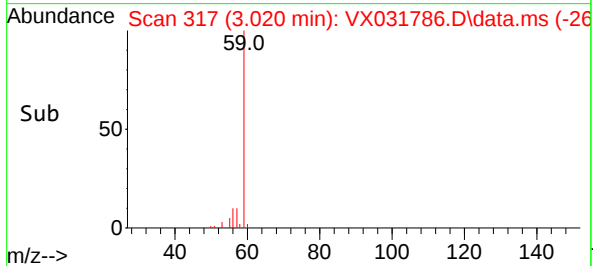
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



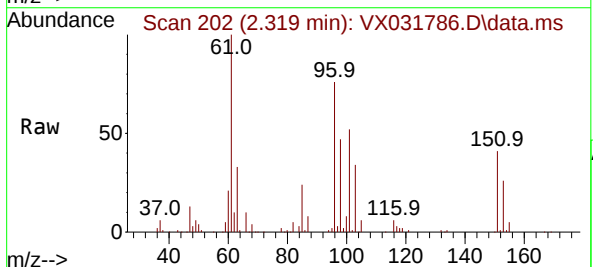
Tgt Ion: 59 Resp: 60250
Ion Ratio Lower Upper
59 100
57 8.9 8.2 12.2

Manual Integrations
APPROVED

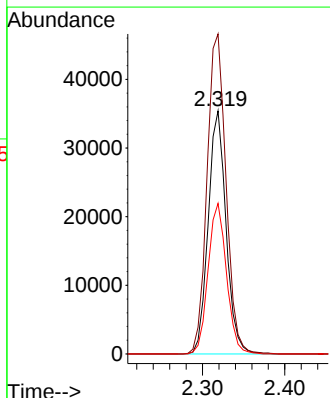
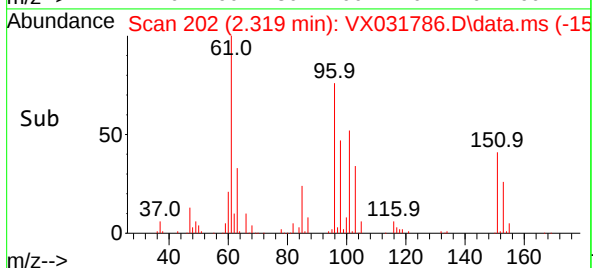
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

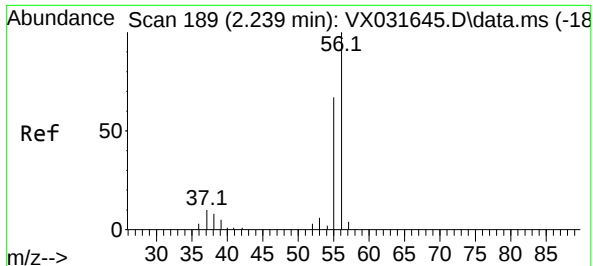


#12
1,1-Dichloroethene
Concen: 62.484 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11



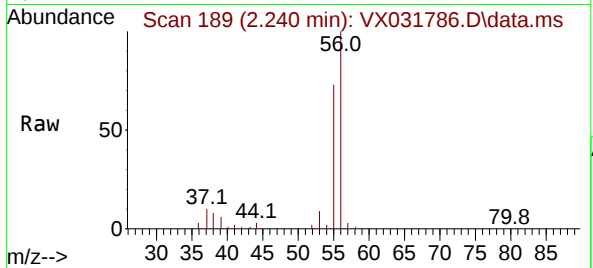
Tgt Ion: 96 Resp: 53541
Ion Ratio Lower Upper
96 100
61 131.6 135.3 202.9#
98 62.0 49.4 74.2





#13
Acrolein
Concen: 197.906 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

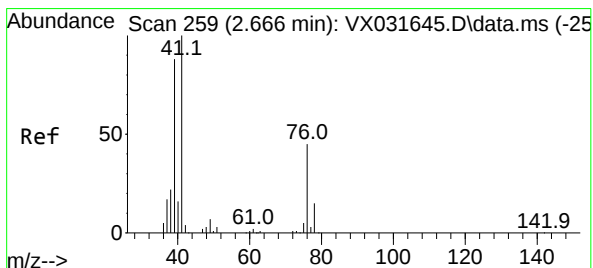
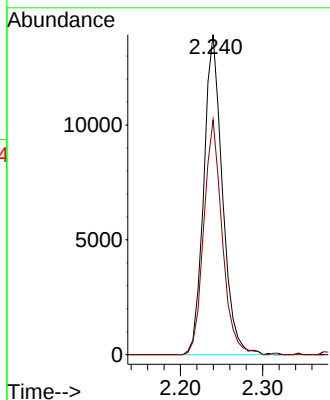
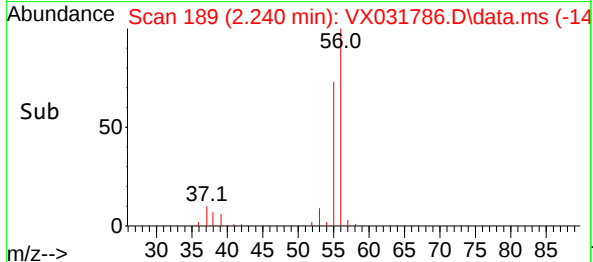
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 21938
Ion Ratio Lower Upper
56 100
55 72.5 56.0 84.0

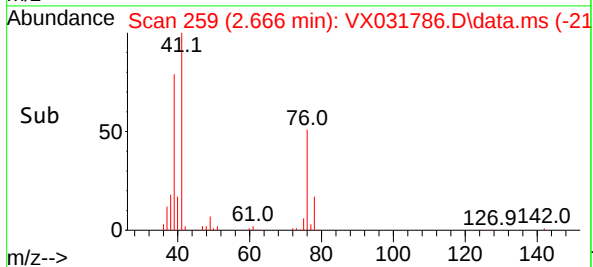
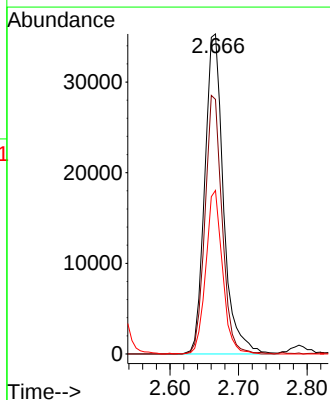
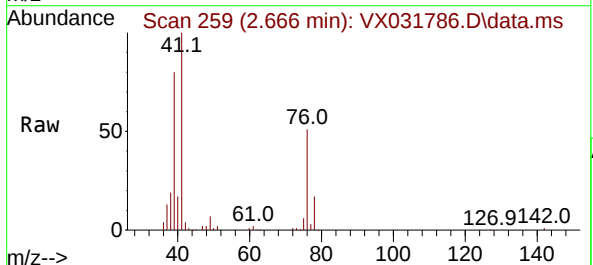
Manual Integrations
APPROVED

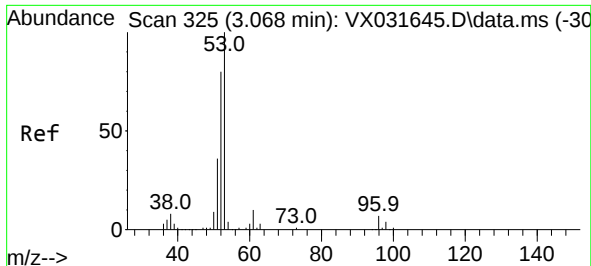
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#14
Allyl chloride
Concen: 45.283 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

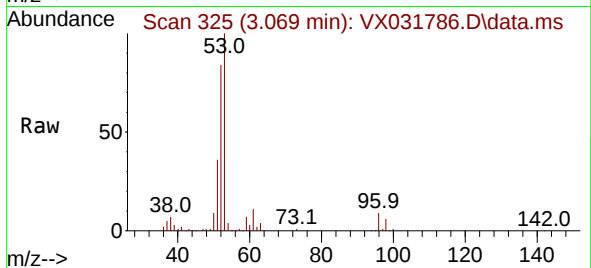
Tgt Ion: 41 Resp: 67226
Ion Ratio Lower Upper
41 100
39 73.8 58.2 87.4
76 45.5 26.9 40.3#





#15
Acrylonitrile
Concen: 227.688 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

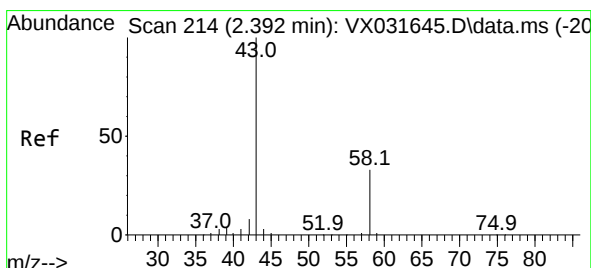
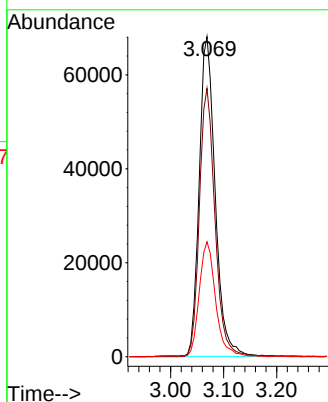
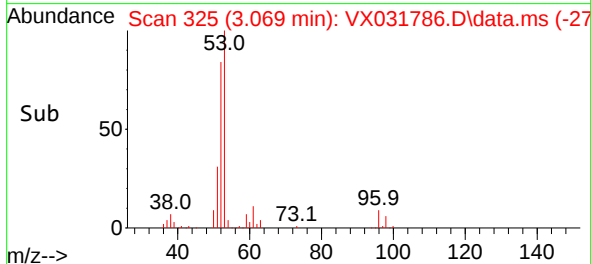
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



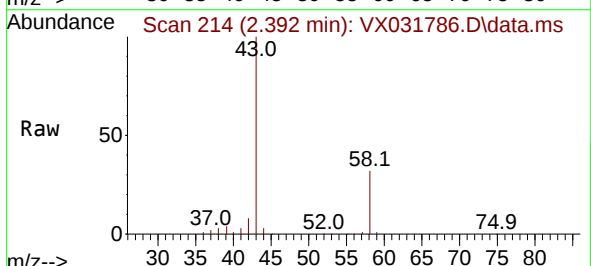
Tgt Ion: 53 Resp: 14236
Ion Ratio Lower Upper
53 100
52 82.1 66.9 100.3
51 37.0 30.0 45.0

Manual Integrations
APPROVED

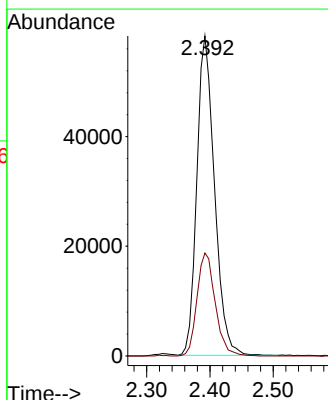
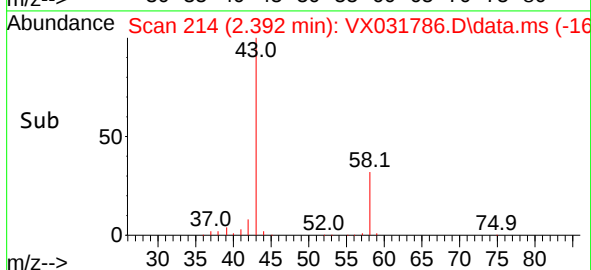
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

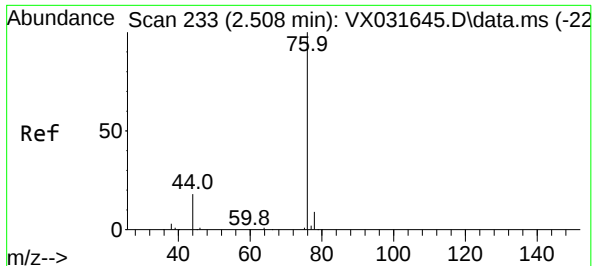


#16
Acetone
Concen: 273.343 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11



Tgt Ion: 43 Resp: 113284
Ion Ratio Lower Upper
43 100
58 32.2 23.8 35.8





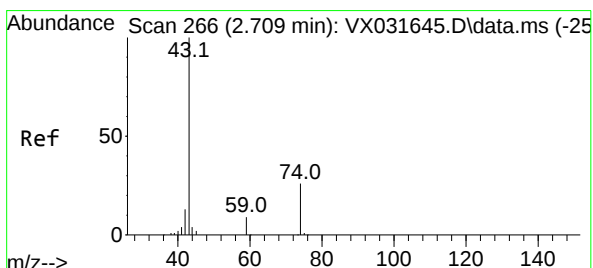
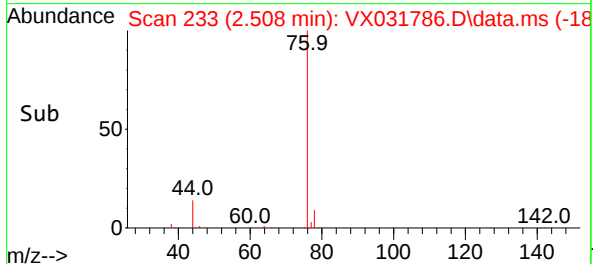
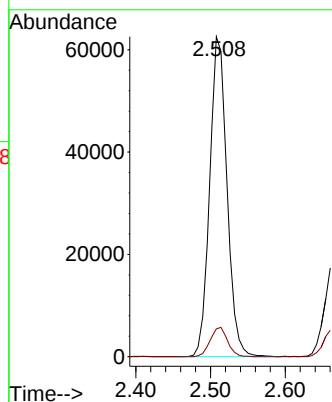
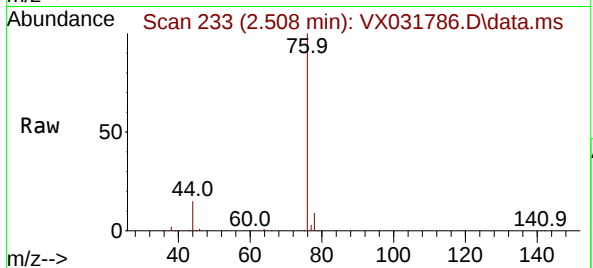
#17
Carbon Disulfide
Concen: 53.216 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 100489
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

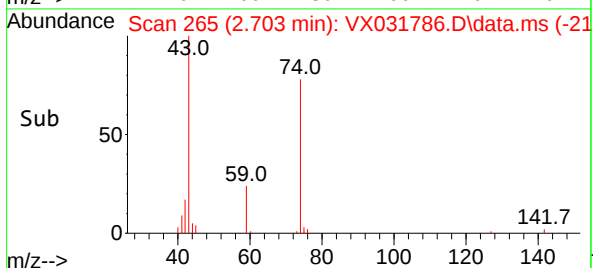
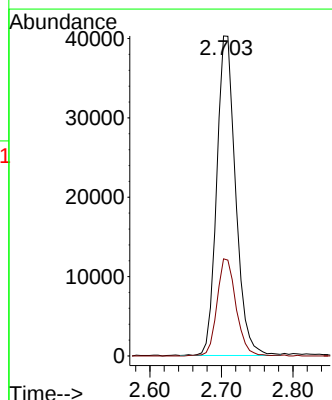
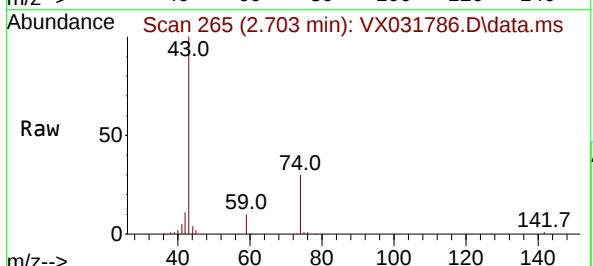
Manual Integrations
APPROVED

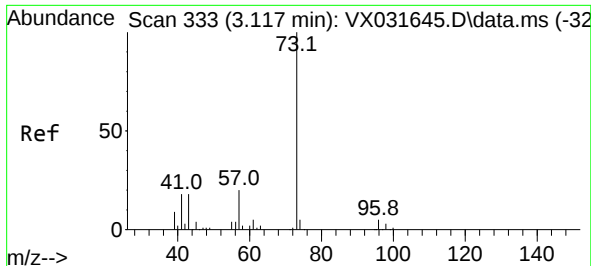
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#18
Methyl Acetate
Concen: 45.672 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

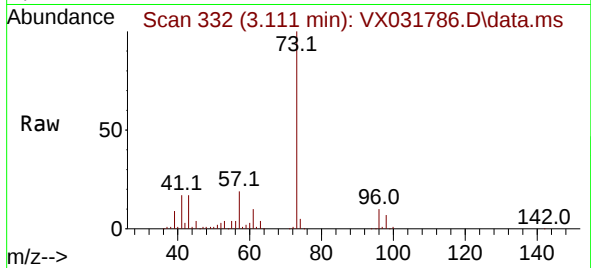
Tgt Ion: 43 Resp: 73942
Ion Ratio Lower Upper
43 100
74 30.6 18.6 27.8#





#19
Methyl tert-butyl Ether
Concen: 50.798 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

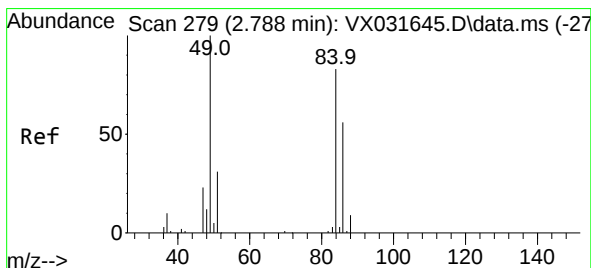
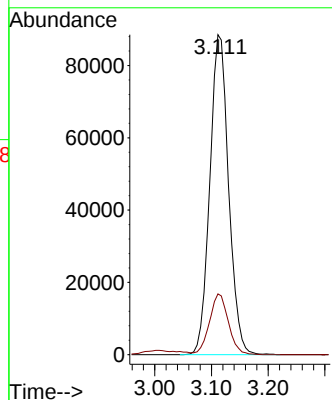
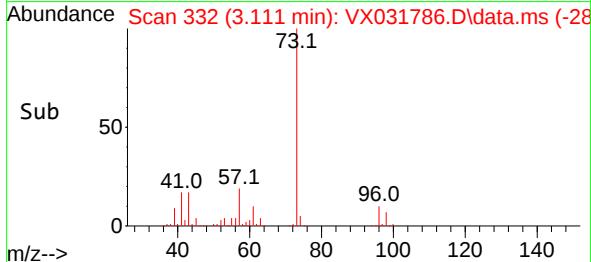
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 203554
Ion Ratio Lower Upper
73 100
57 19.0 17.2 25.8

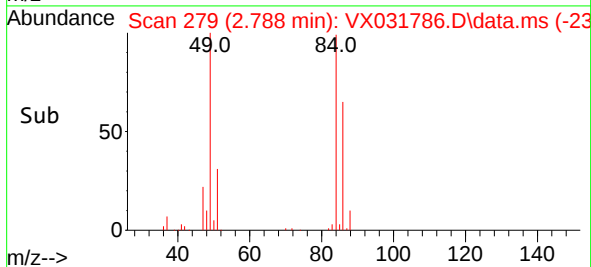
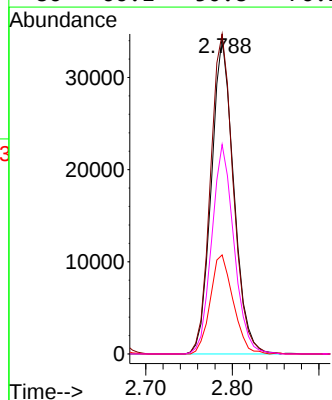
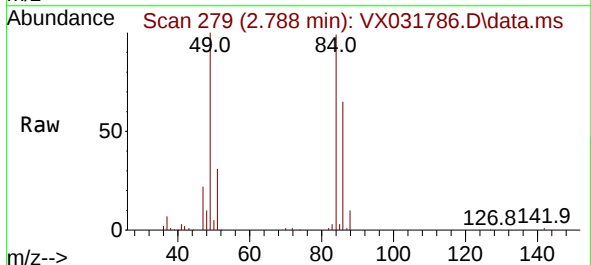
Manual Integrations
APPROVED

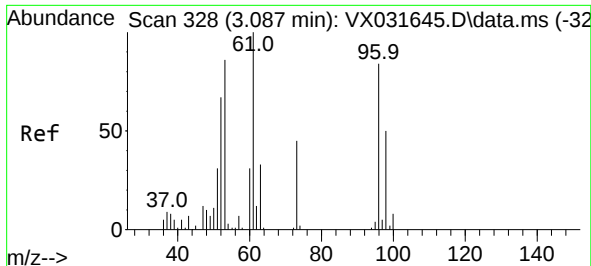
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 54.097 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

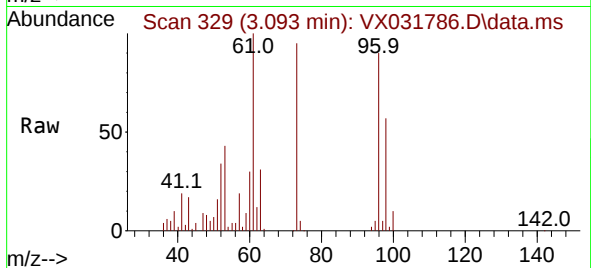
Tgt Ion: 84 Resp: 61474
Ion Ratio Lower Upper
84 100
49 101.0 105.9 158.9#
51 31.2 32.2 48.2#
86 66.1 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 49.233 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

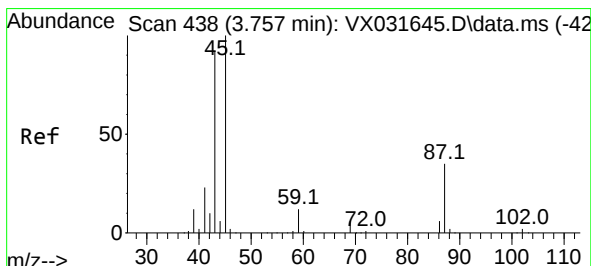
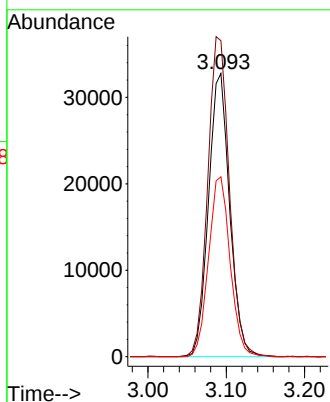
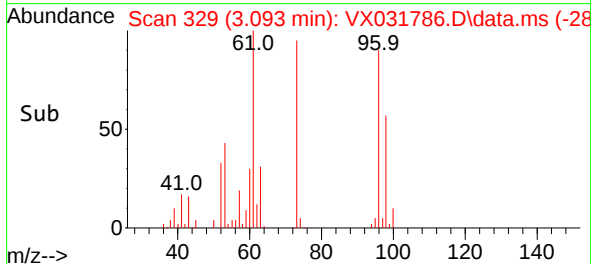
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 61414
Ion Ratio Lower Upper
96 100
61 111.6 106.7 160.1
98 63.5 48.7 73.1

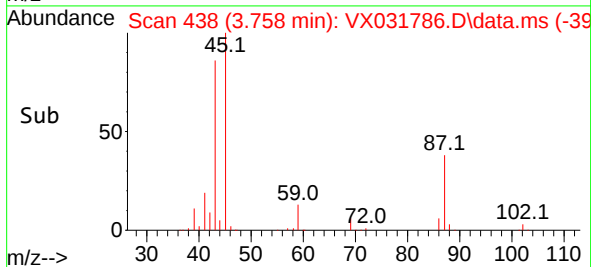
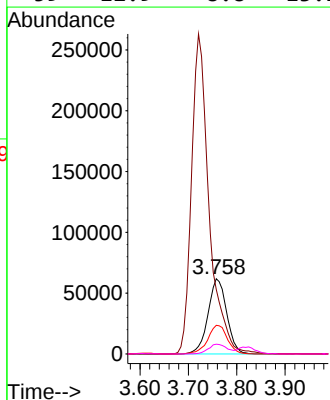
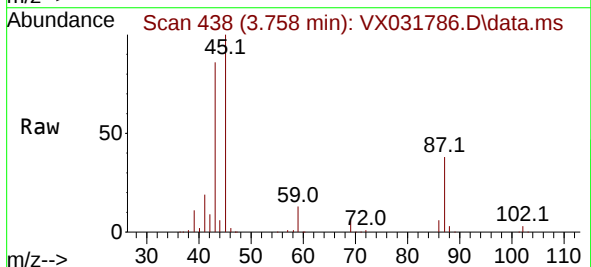
Manual Integrations
APPROVED

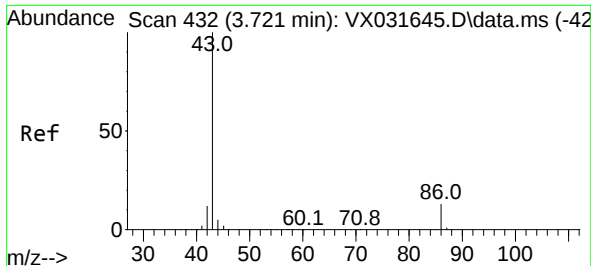
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#22
Diisopropyl ether
Concen: 43.477 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Tgt Ion: 45 Resp: 166114
Ion Ratio Lower Upper
45 100
43 85.3 59.0 88.6
87 38.0 22.6 33.8#
59 12.9 8.8 13.2





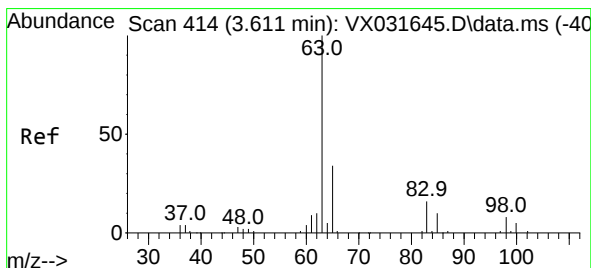
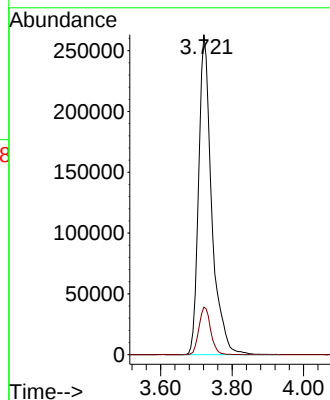
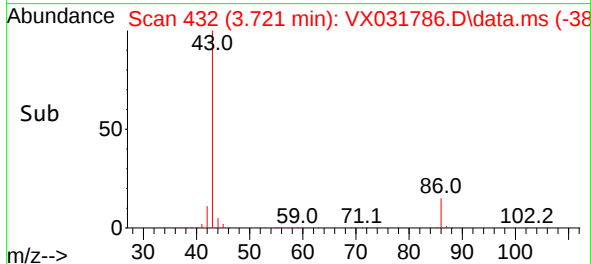
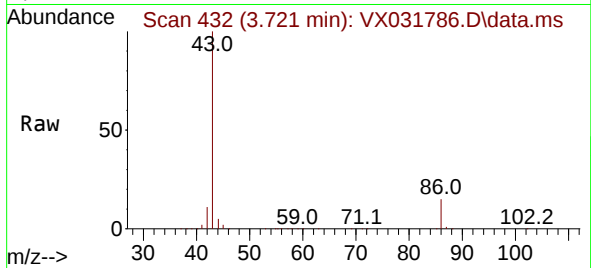
#23
 Vinyl Acetate
 Concen: 220.171 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX031786.D
 Acq: 29 Sep 2022 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 66529
 Ion Ratio Lower Upper
 43 100
 86 14.9 8.7 13.1

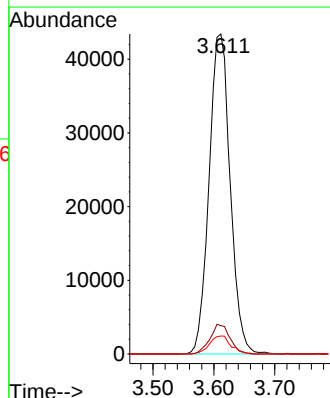
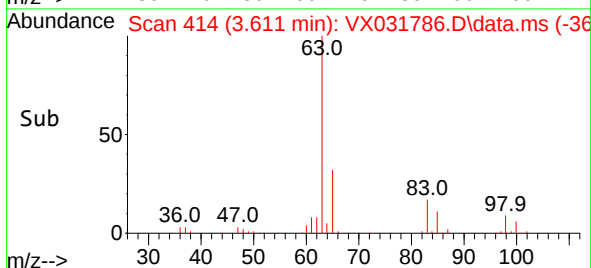
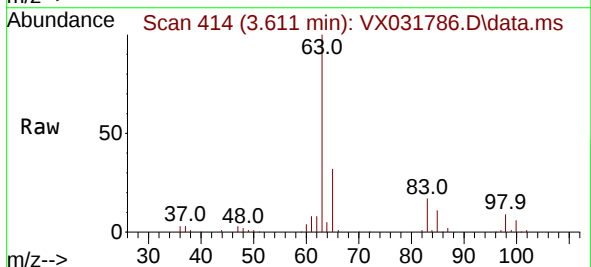
Manual Integrations
 APPROVED

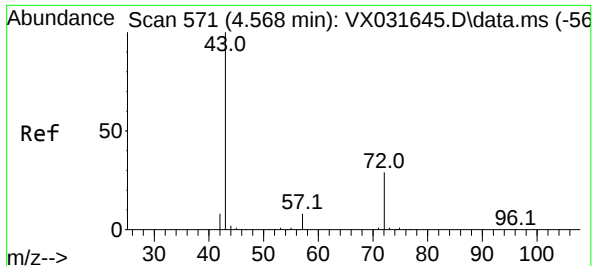
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#24
 1,1-Dichloroethane
 Concen: 47.452 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031786.D
 Acq: 29 Sep 2022 20:11

Tgt Ion: 63 Resp: 104524
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.5 10.4
 100 5.6 2.4 7.2





#25

2-Butanone

Concen: 213.479 ug/l

RT: 4.562 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 18358

Ion Ratio Lower Upper

43 100

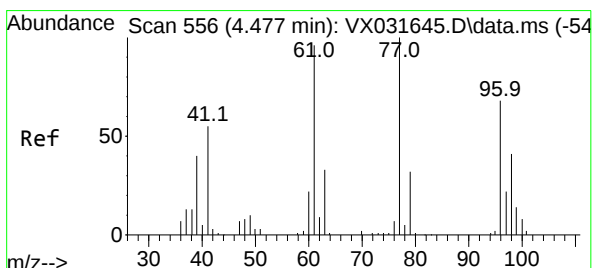
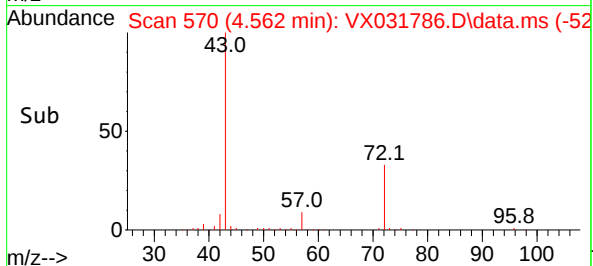
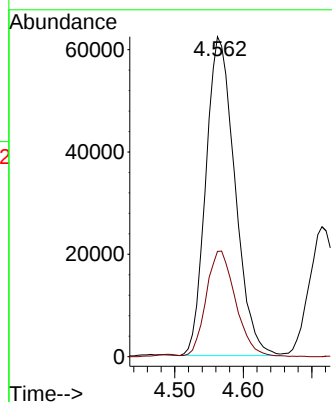
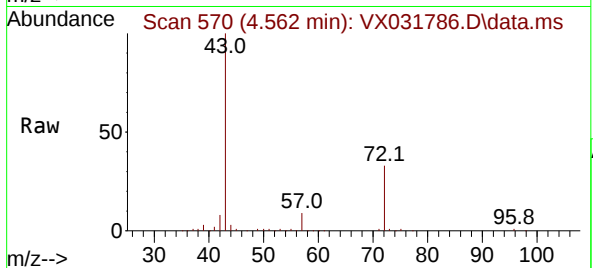
72 32.7 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#26

2,2-Dichloropropane

Concen: 44.280 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX031786.D

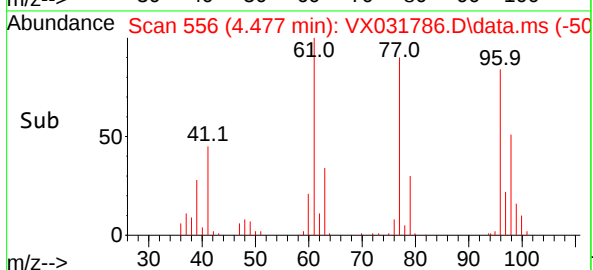
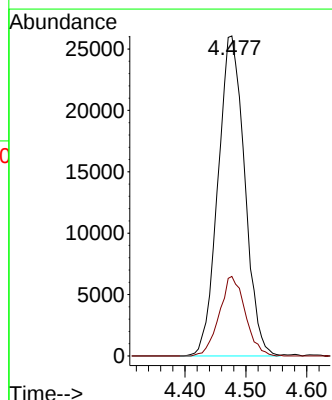
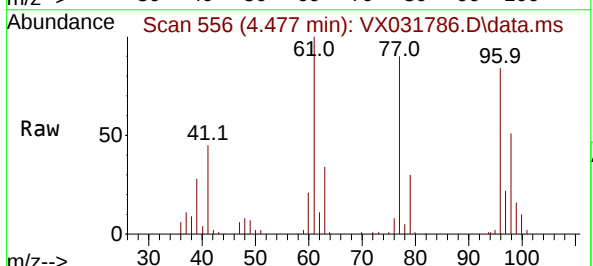
Acq: 29 Sep 2022 20:11

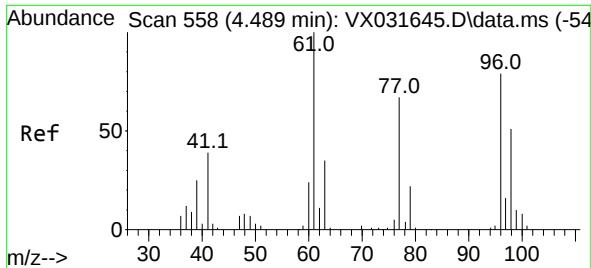
Tgt Ion: 77 Resp: 79165

Ion Ratio Lower Upper

77 100

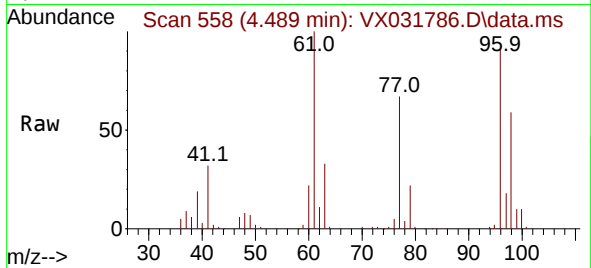
97 24.1 10.9 32.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.373 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX031786.D
 Acq: 29 Sep 2022 20:11

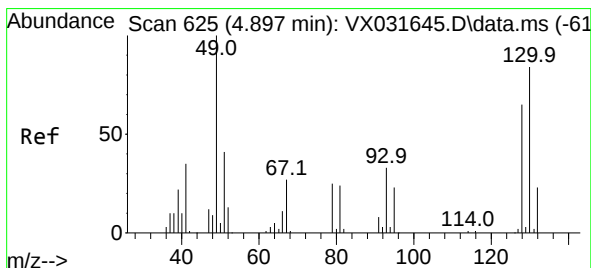
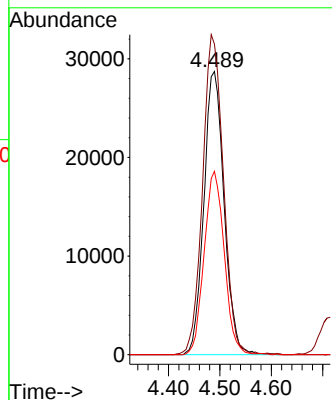
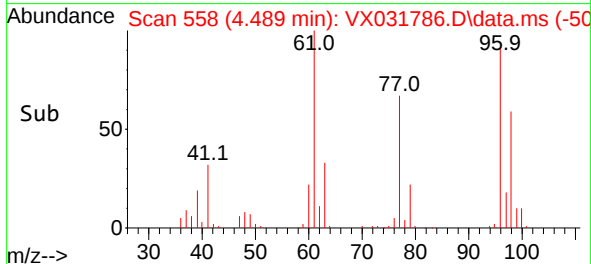
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



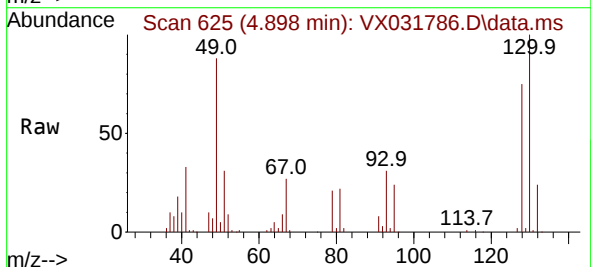
Tgt Ion: 96 Resp: 7848
 Ion Ratio Lower Upper
 96 100
 61 116.6 0.0 305.2
 98 64.5 0.0 128.4

Manual Integrations
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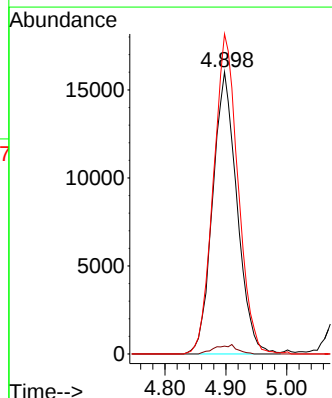
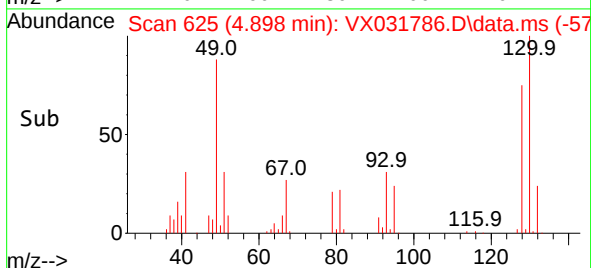
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/06/2022

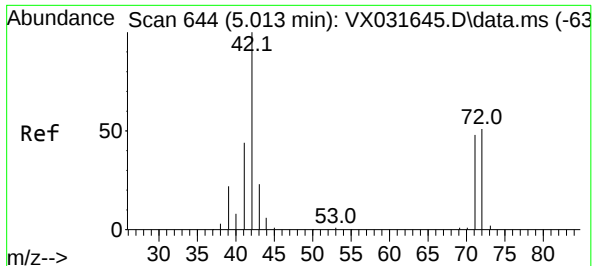


#28
 Bromochloromethane
 Concen: 43.097 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX031786.D
 Acq: 29 Sep 2022 20:11



Tgt Ion: 49 Resp: 44409
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 3.6
 130 114.7 59.0 88.4#





#29

Tetrahydrofuran

Concen: 213.316 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 115238

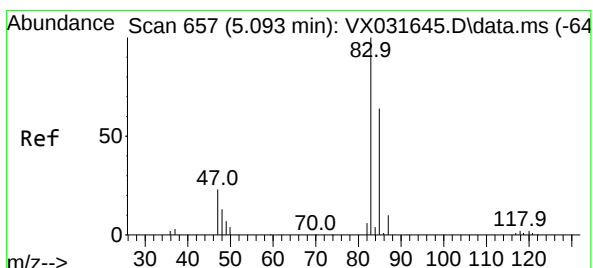
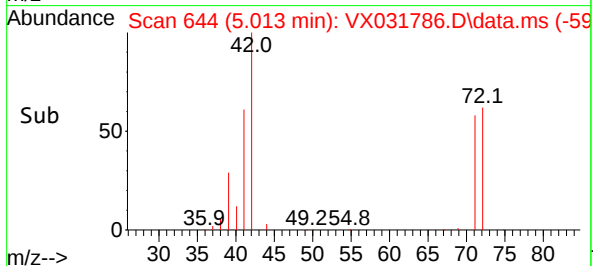
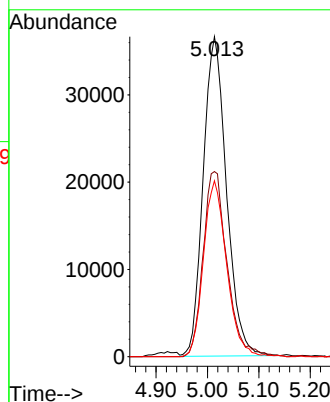
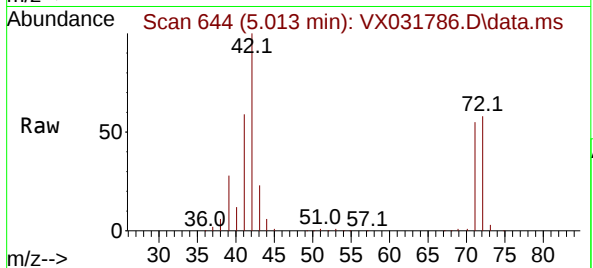
Ion	Ratio	Lower	Upper
42	100		
72	59.6	36.4	54.6
71	54.9	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#30

Chloroform

Concen: 48.090 ug/l

RT: 5.093 min Scan# 657

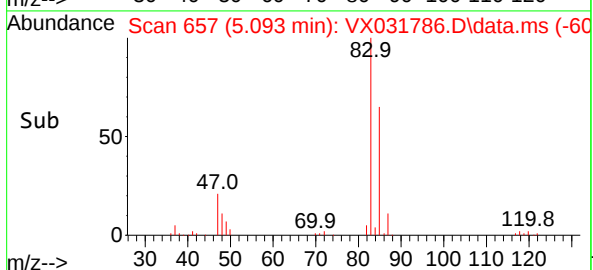
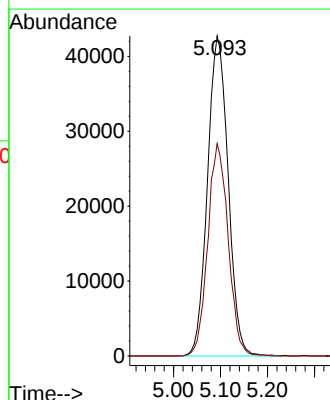
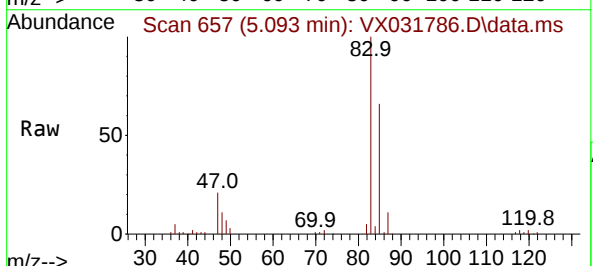
Delta R.T. -0.006 min

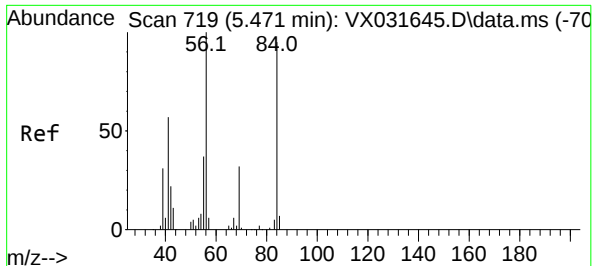
Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Tgt Ion: 83 Resp: 130315

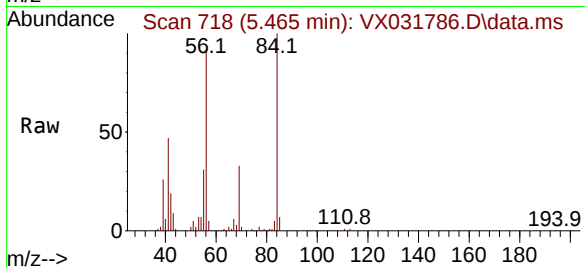
Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.8	79.2





#31
Cyclohexane
Concen: 45.361 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

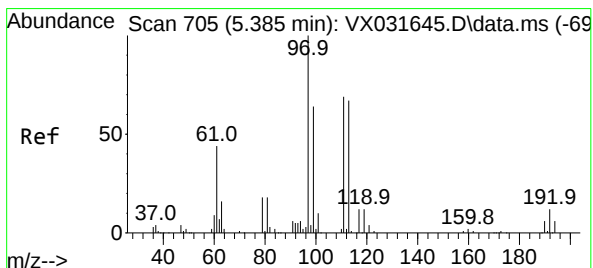
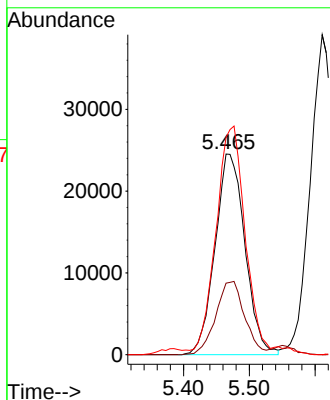
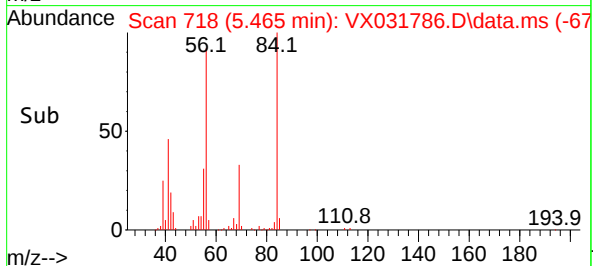
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 77704
Ion Ratio Lower Upper
56 100
69 35.7 25.1 37.7
84 105.7 70.2 105.4

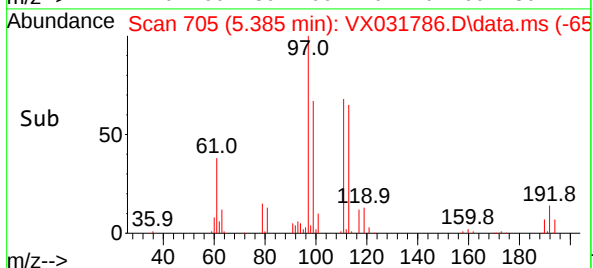
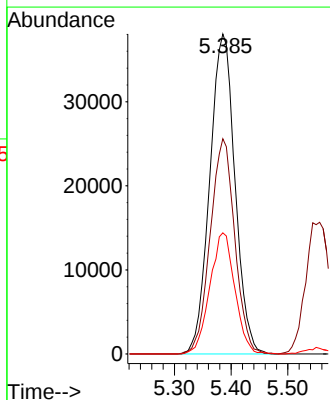
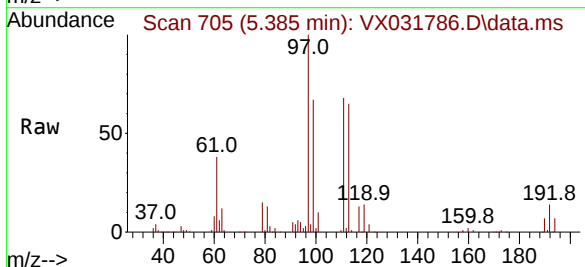
Manual Integrations
APPROVED

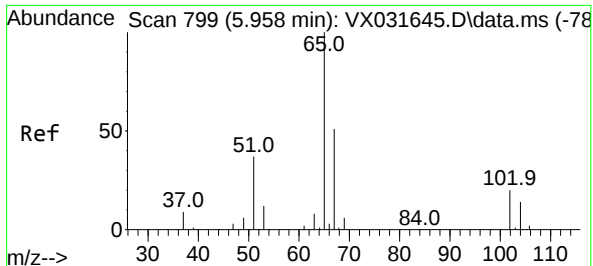
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#32
1,1,1-Trichloroethane
Concen: 52.292 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Tgt Ion: 97 Resp: 117363
Ion Ratio Lower Upper
97 100
99 65.6 51.3 76.9
61 37.5 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 42.223 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 76069

Ion Ratio Lower Upper

65 100

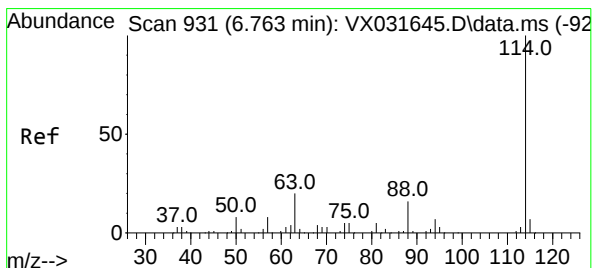
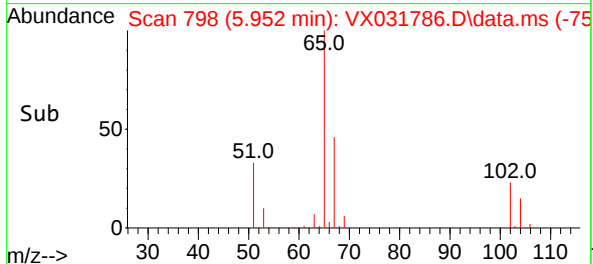
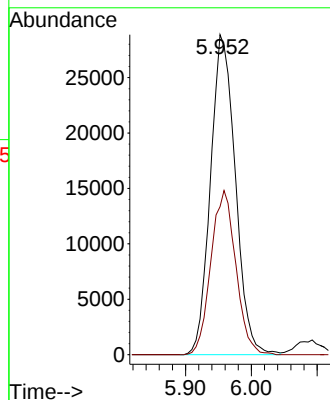
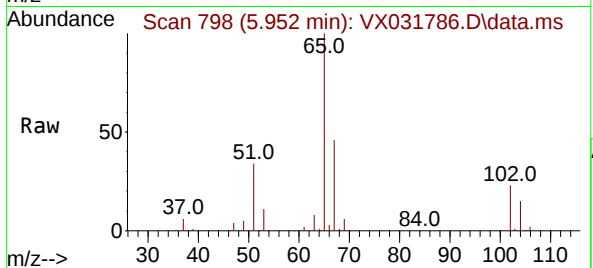
67 51.4 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

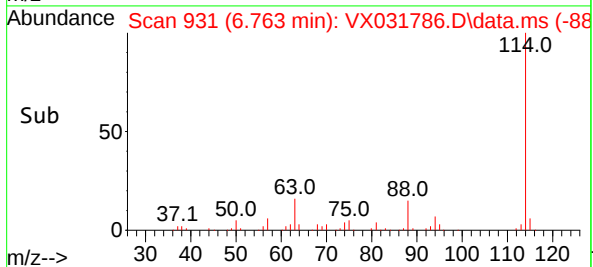
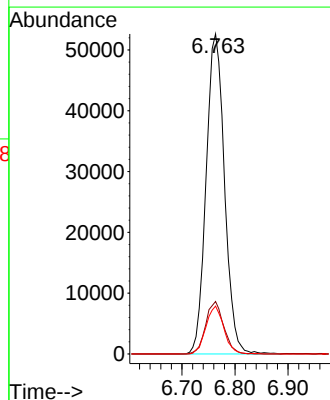
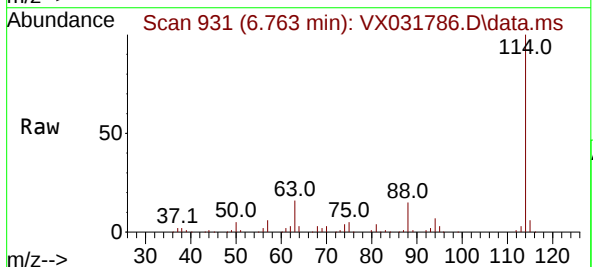
Tgt Ion:114 Resp: 126731

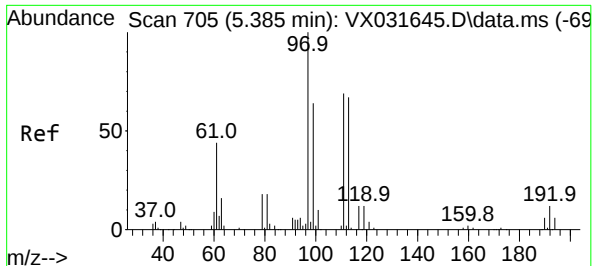
Ion Ratio Lower Upper

114 100

63 16.4 0.0 42.6

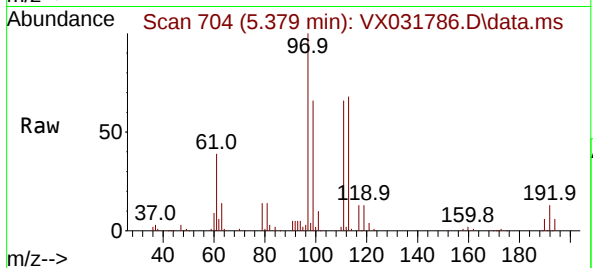
88 15.0 0.0 33.0





#35
Dibromofluoromethane
Concen: 49.173 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

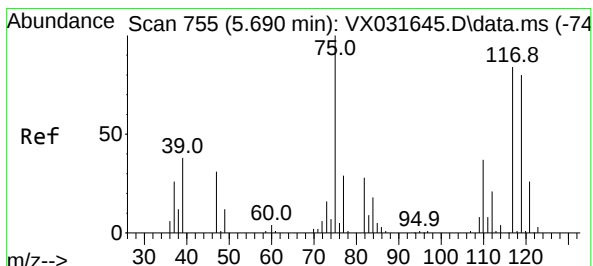
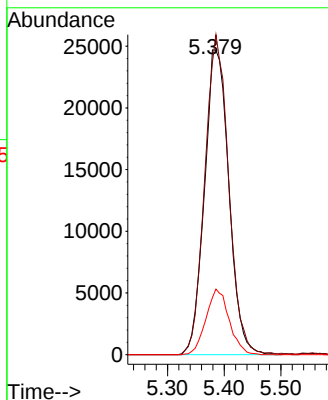
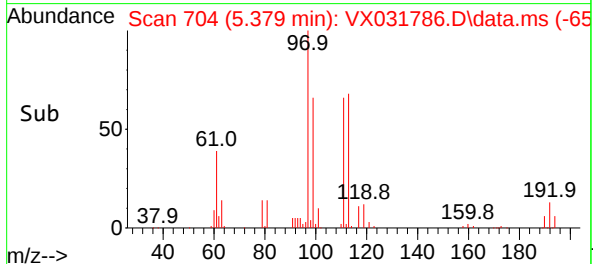
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 74252
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 20.3 14.1 21.1

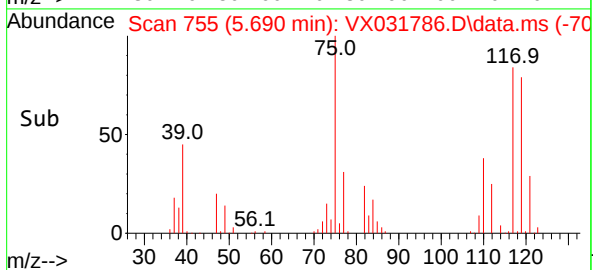
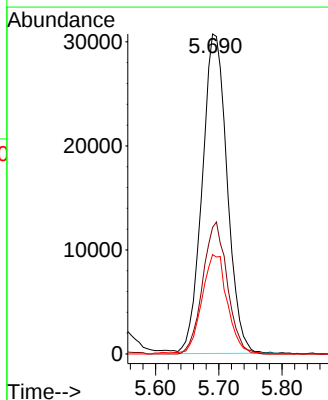
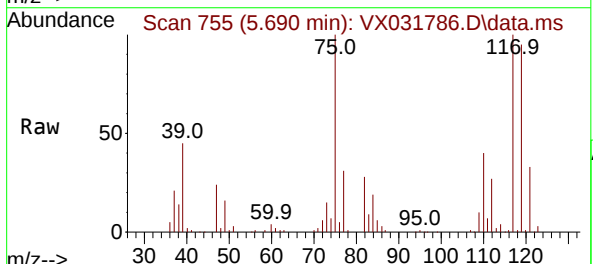
Manual Integrations
APPROVED

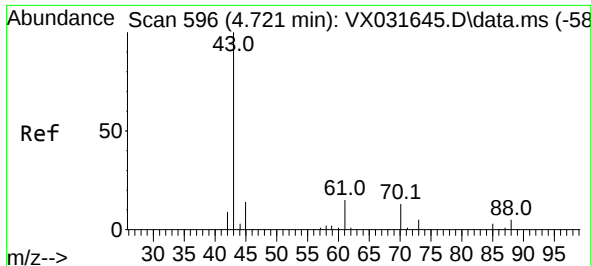
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#36
1,1-Dichloropropene
Concen: 48.537 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Tgt Ion: 75 Resp: 84171
Ion Ratio Lower Upper
75 100
110 40.6 17.5 52.5
77 31.7 24.9 37.3





#37

Ethyl Acetate

Concen: 42.587 ug/l

RT: 4.715 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

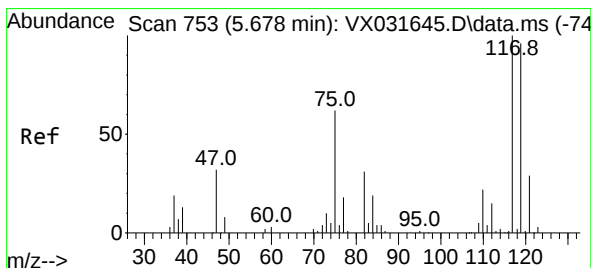
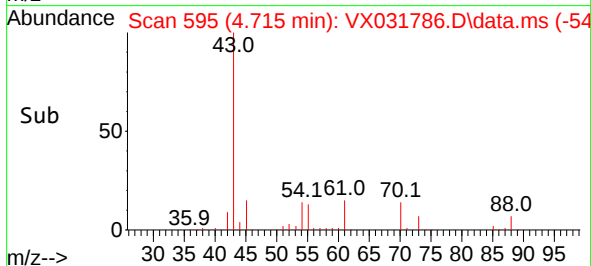
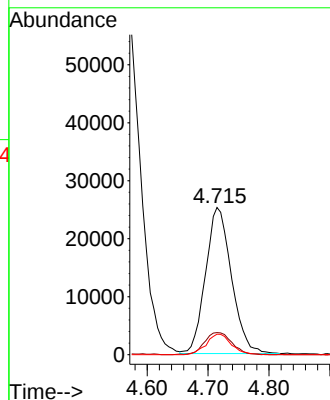
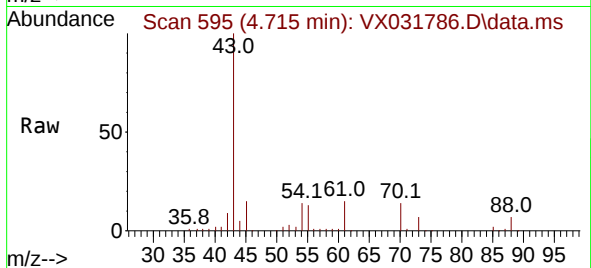
Tgt Ion: 43	Resp: 7449
Ion Ratio	Lower Upper
43 100	
61 16.0	11.1 16.7
70 13.6	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#38

Carbon Tetrachloride

Concen: 54.462 ug/l

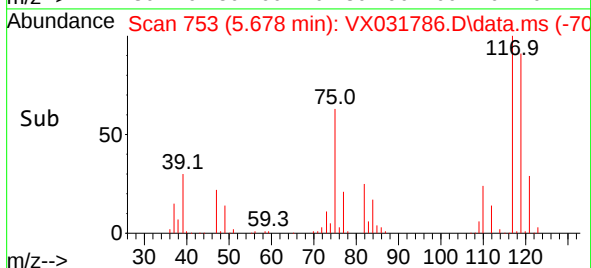
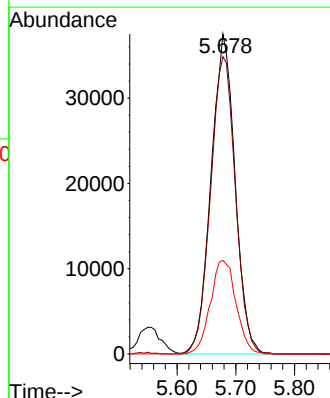
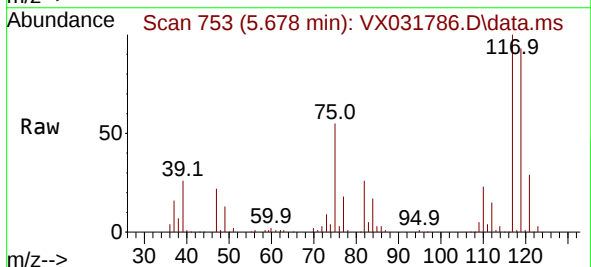
RT: 5.678 min Scan# 753

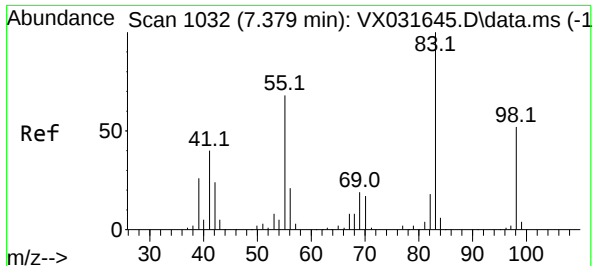
Delta R.T. -0.000 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Tgt Ion: 117	Resp: 106440
Ion Ratio	Lower Upper
117 100	
119 92.9	74.6 112.0
121 29.2	25.3 37.9





#39

Methylcyclohexane

Concen: 49.962 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 9871

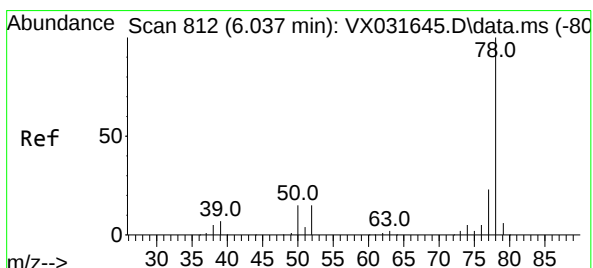
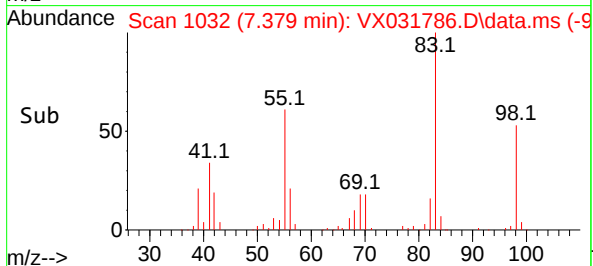
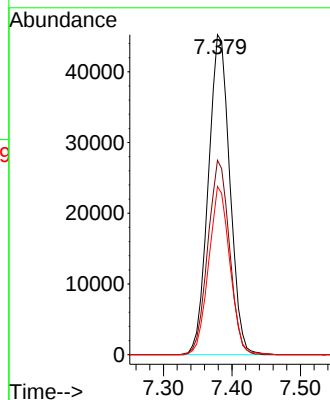
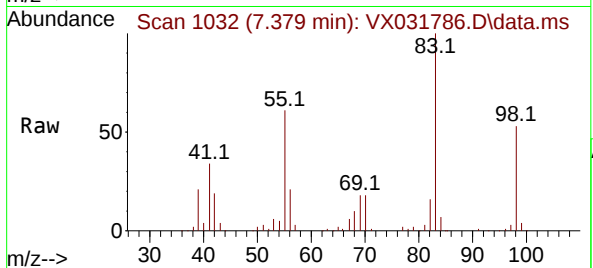
Ion	Ratio	Lower	Upper
83	100		
55	60.7	61.0	91.4
98	52.6	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#40

Benzene

Concen: 47.468 ug/l

RT: 6.038 min Scan# 812

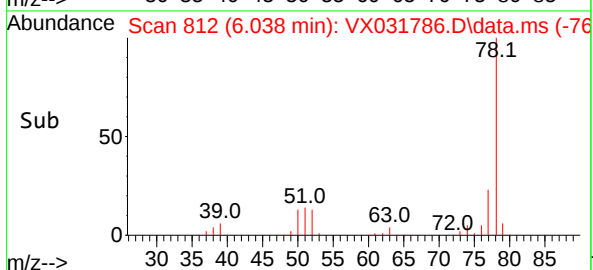
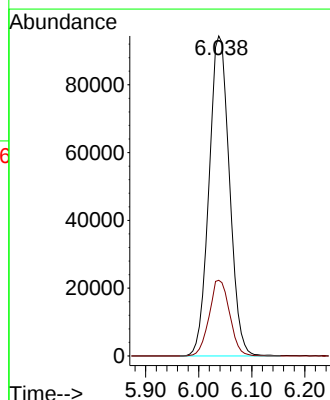
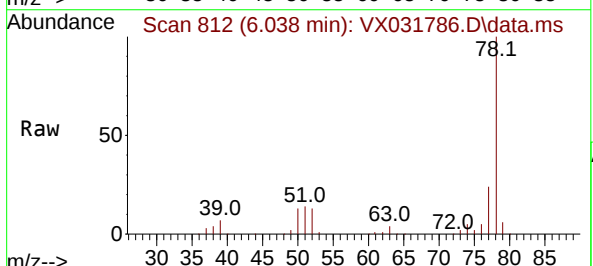
Delta R.T. -0.006 min

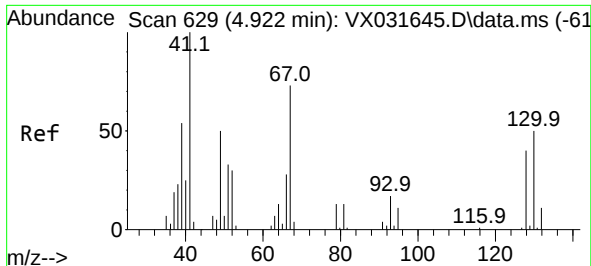
Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Tgt Ion: 78 Resp: 252824

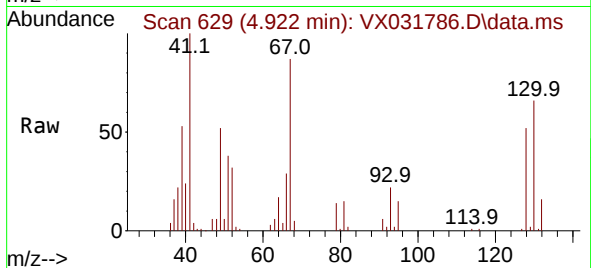
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





#41
Methacrylonitrile
Concen: 44.622 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

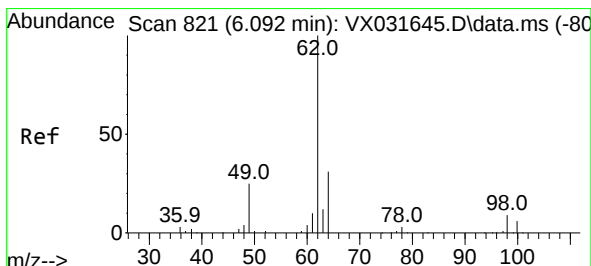
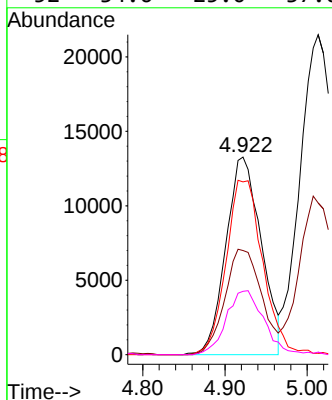
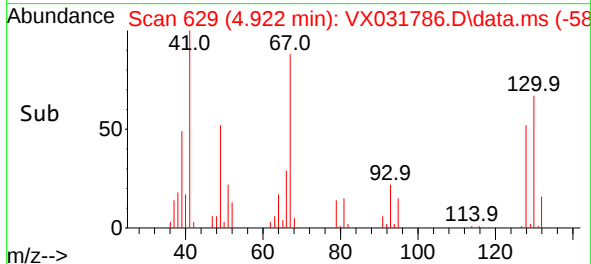
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 39710
Ion Ratio Lower Upper
41 100
39 55.3 45.0 67.6
67 91.7 58.2 87.4
52 34.6 25.0 37.6

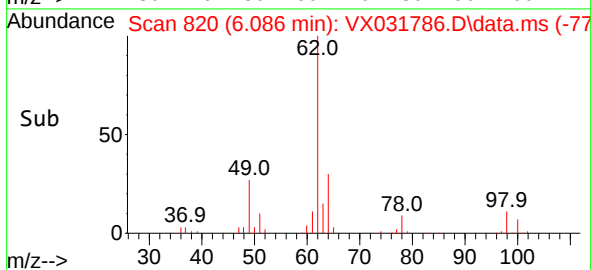
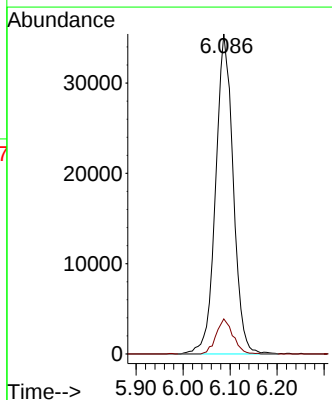
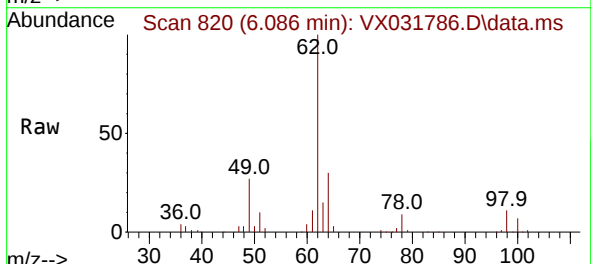
Manual Integrations
APPROVED

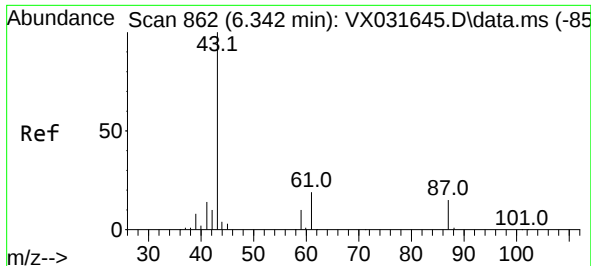
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#42
1,2-Dichloroethane
Concen: 44.821 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

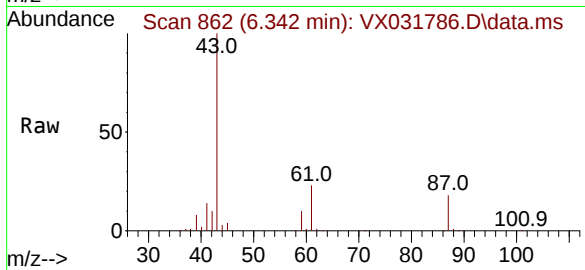
Tgt Ion: 62 Resp: 92325
Ion Ratio Lower Upper
62 100
98 10.5 0.0 17.8





#43
Isopropyl Acetate
Concen: 44.831 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

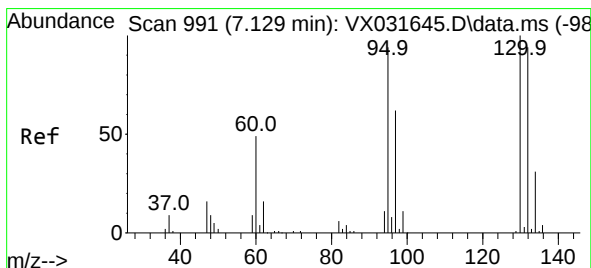
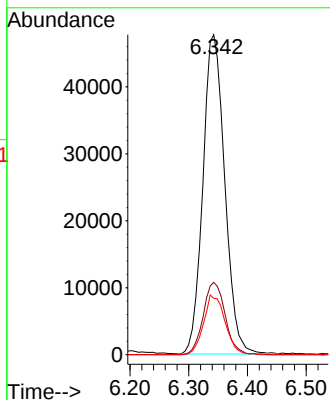
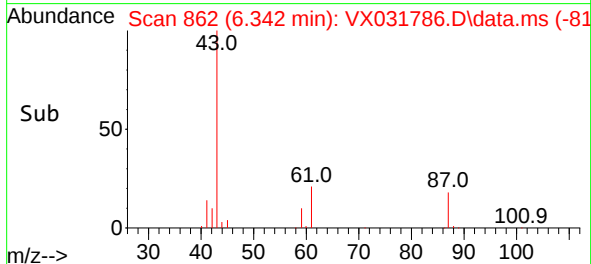
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 123420
Ion Ratio Lower Upper
43 100
61 22.7 15.3 22.9
87 18.4 10.6 15.8

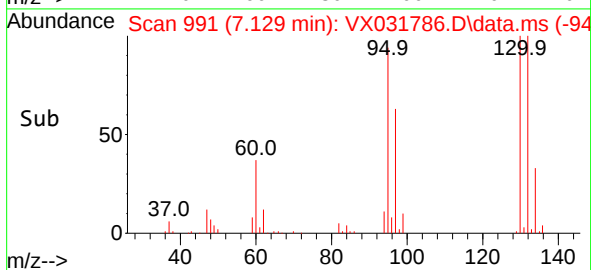
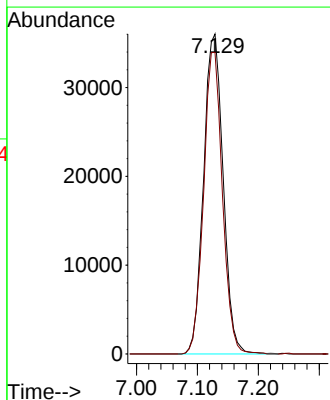
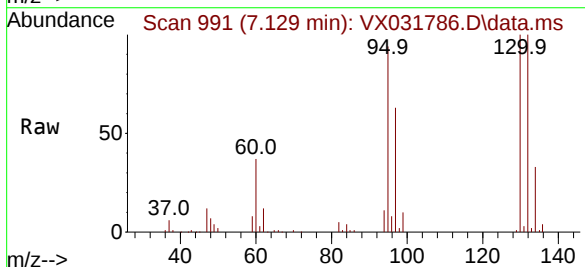
Manual Integrations
APPROVED

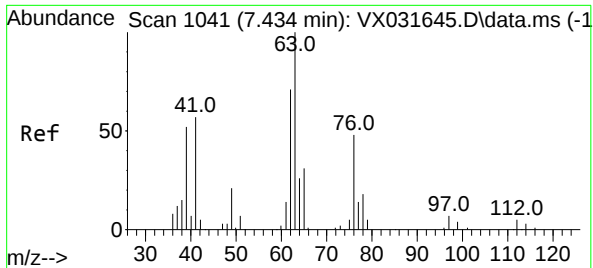
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#44
Trichloroethene
Concen: 53.462 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Tgt Ion:130 Resp: 80427
Ion Ratio Lower Upper
130 100
95 94.2 0.0 206.8





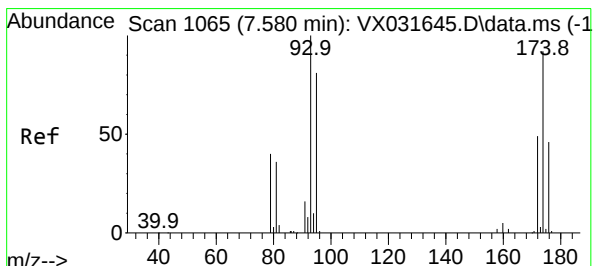
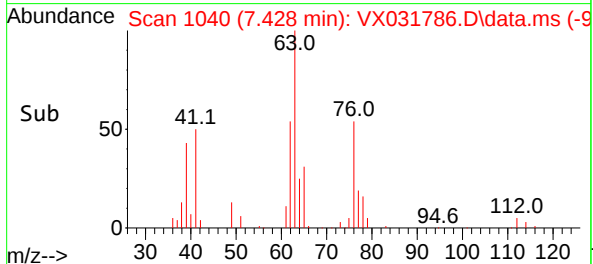
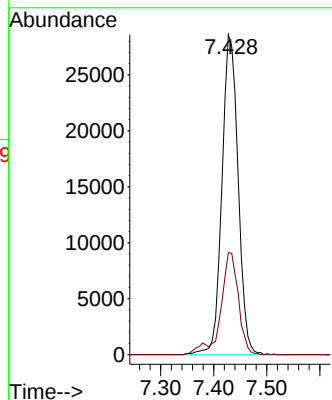
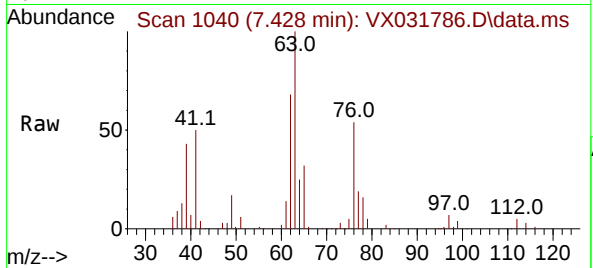
#45
1,2-Dichloropropane
Concen: 46.885 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 6060
Ion Ratio Lower Upper
63 100
65 31.9 26.6 39.8

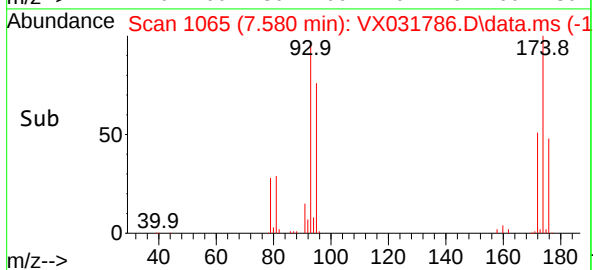
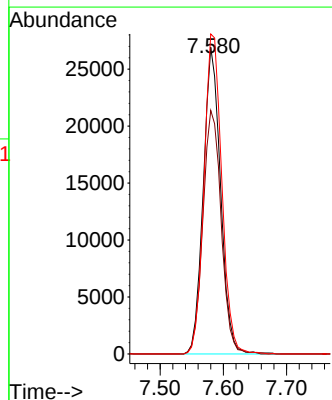
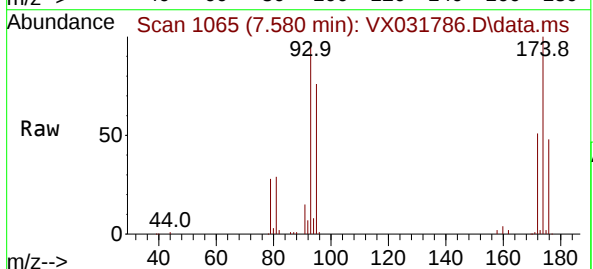
Manual Integrations
APPROVED

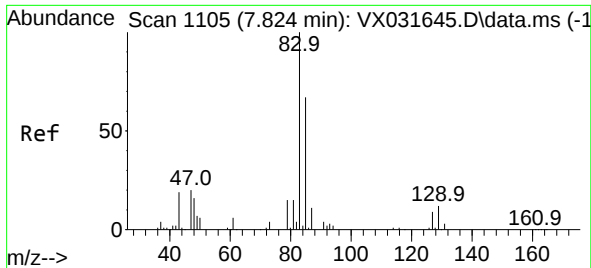
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#46
Dibromomethane
Concen: 49.395 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

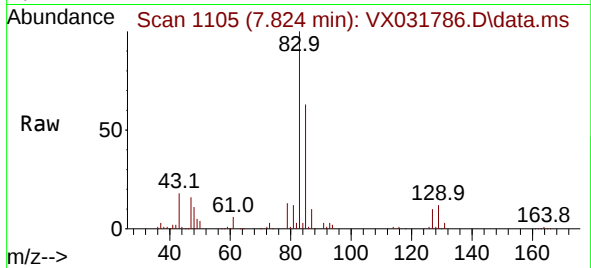
Tgt Ion: 93 Resp: 51277
Ion Ratio Lower Upper
93 100
95 83.8 65.5 98.3
174 107.2 67.6 101.4#





#47
Bromodichloromethane
Concen: 52.762 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

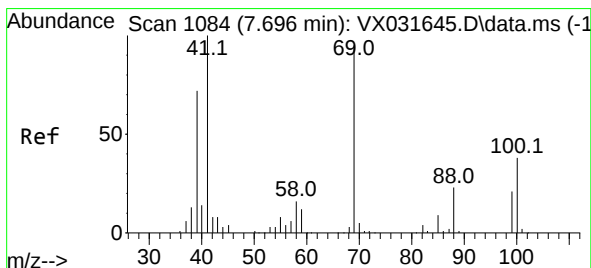
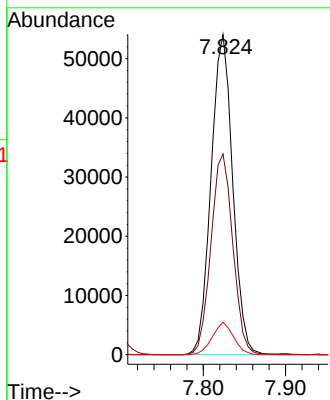
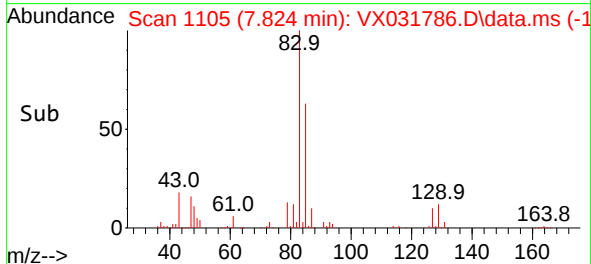
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 9883
Ion Ratio Lower Upper
83 100
85 62.7 51.0 76.6
127 10.1 7.0 10.6

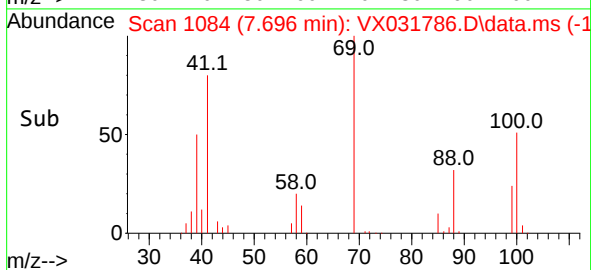
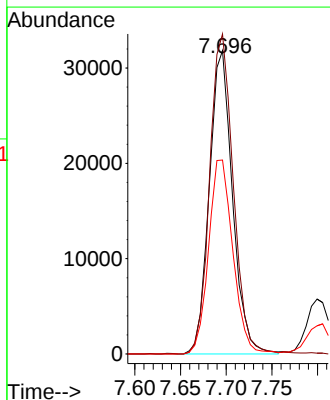
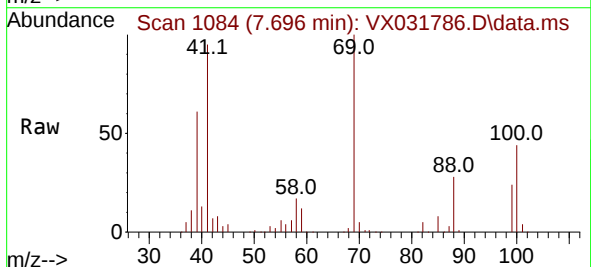
Manual Integrations
APPROVED

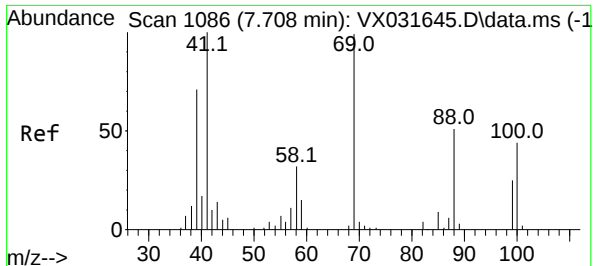
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#48
Methyl methacrylate
Concen: 46.422 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Tgt Ion: 41 Resp: 56205
Ion Ratio Lower Upper
41 100
69 107.4 64.6 96.8
39 67.0 51.4 77.0





#49

1,4-Dioxane

Concen: 1177.456 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.024 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3446

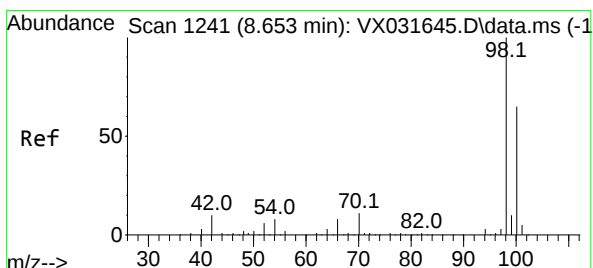
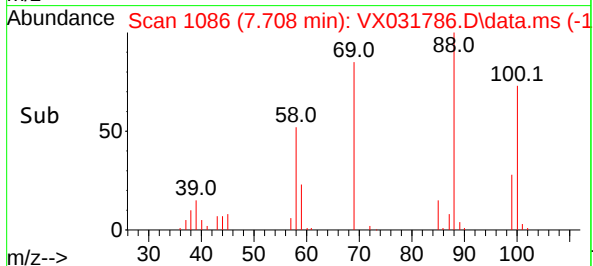
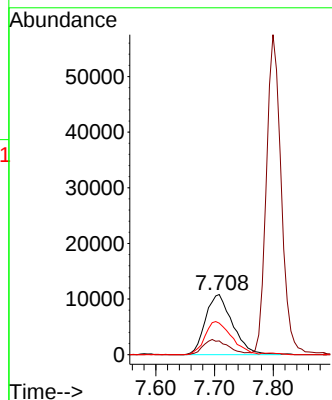
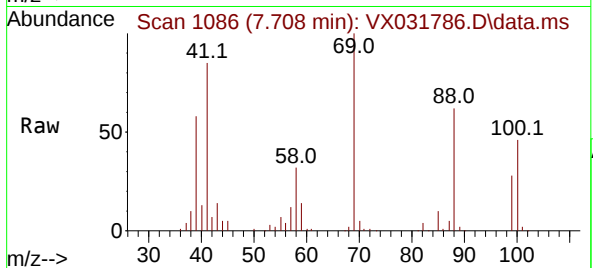
Ion	Ratio	Lower	Upper
88	100		
43	23.0	27.1	40.7
58	54.0	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#50

Toluene-d8

Concen: 48.271 ug/l

RT: 8.647 min Scan# 1240

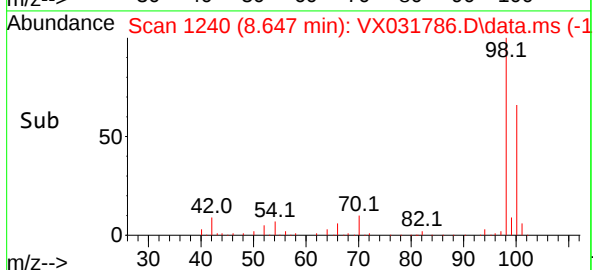
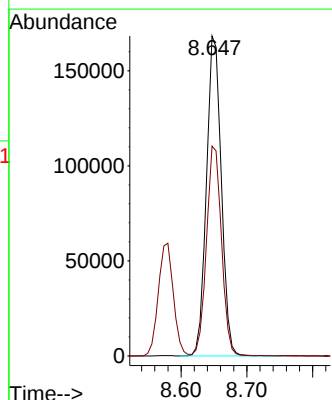
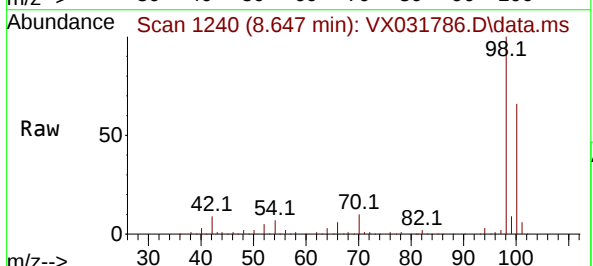
Delta R.T. -0.006 min

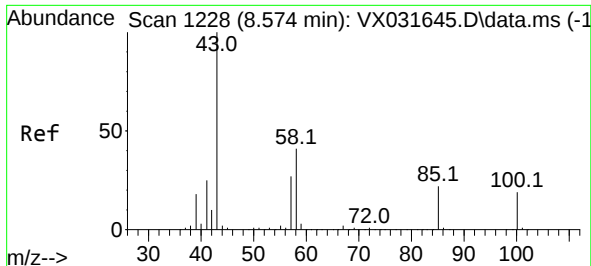
Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Tgt Ion: 98 Resp: 264259

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 225.529 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

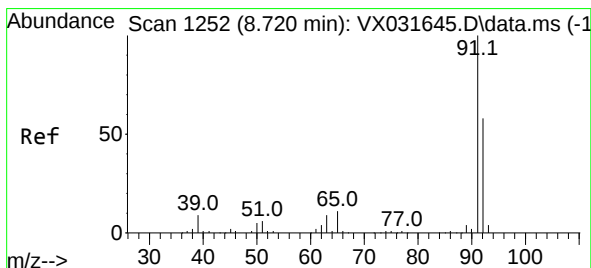
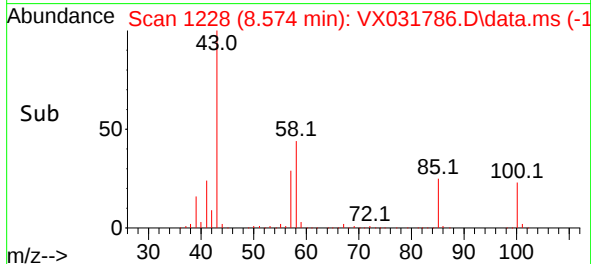
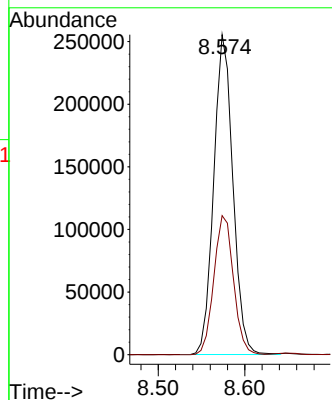
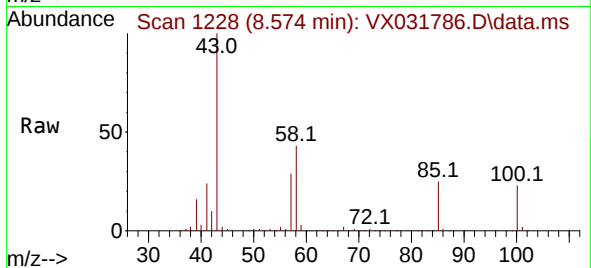
VSTDCCC050EC

Tgt Ion: 43 Resp: 39300
Ion Ratio Lower Upper
43 100
58 44.5 30.6 46.0

Manual Integrations

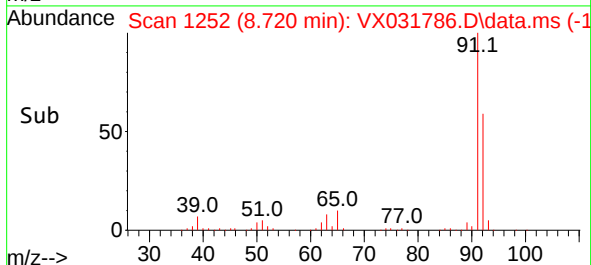
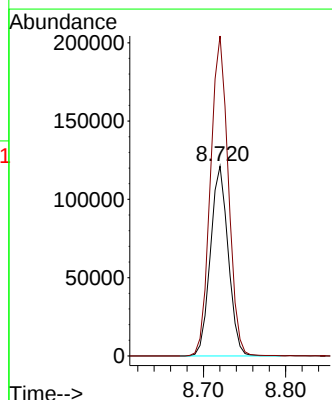
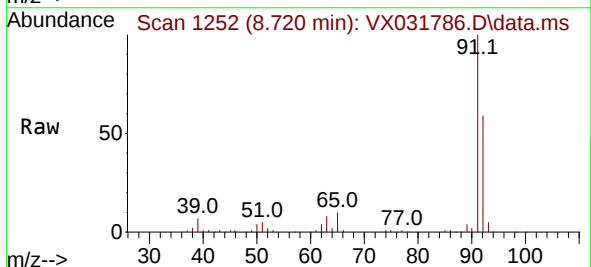
APPROVED

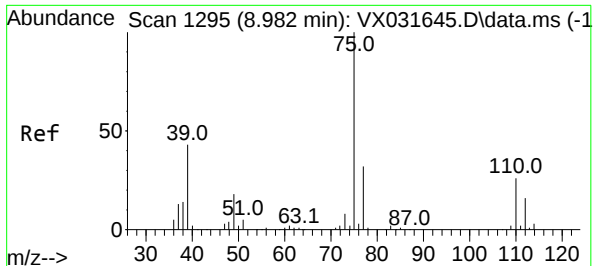
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#52
Toluene
Concen: 51.239 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Tgt Ion: 92 Resp: 181914
Ion Ratio Lower Upper
92 100
91 169.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 45.617 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 9832

Ion Ratio Lower Upper

75 100

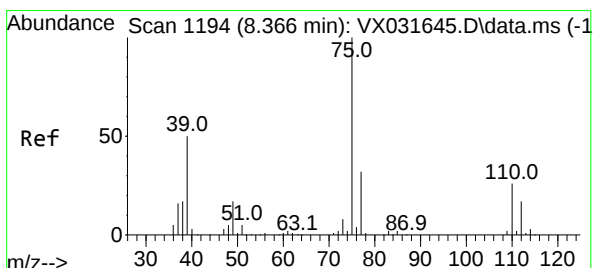
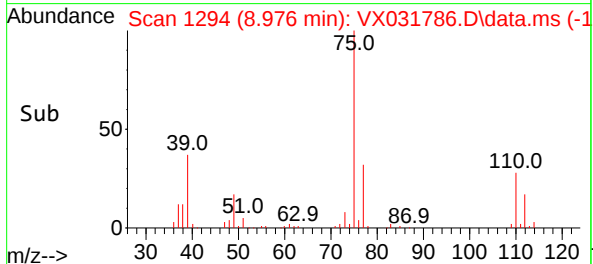
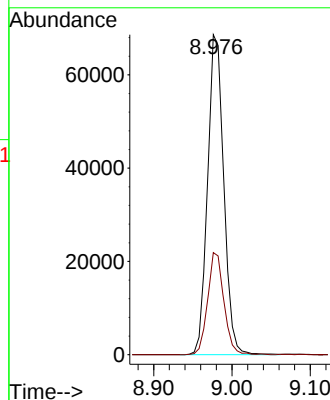
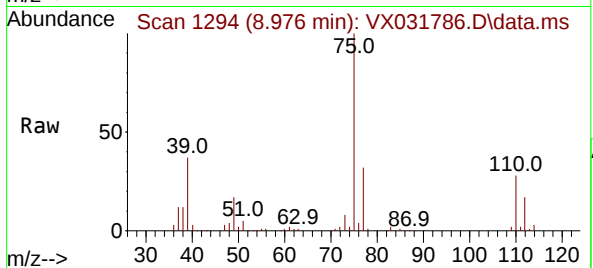
77 31.9 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#54

cis-1,3-Dichloropropene

Concen: 53.574 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

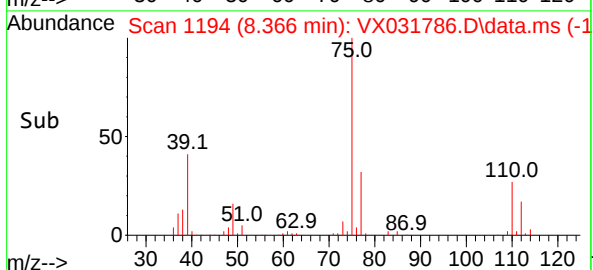
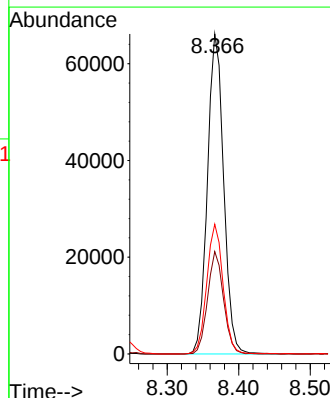
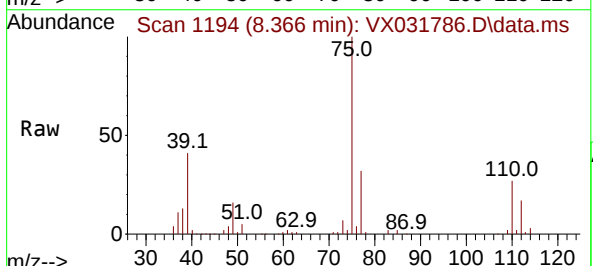
Tgt Ion: 75 Resp: 104297

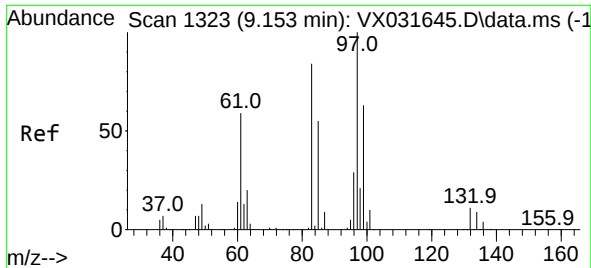
Ion Ratio Lower Upper

75 100

77 32.0 24.4 36.6

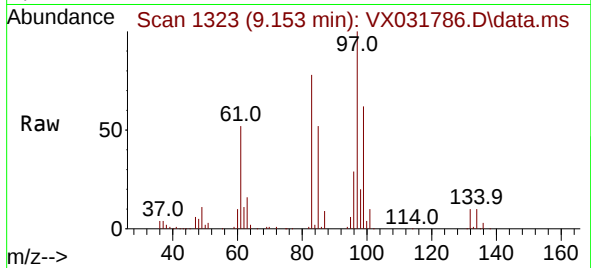
39 40.5 43.7 65.5#





#55
1,1,2-Trichloroethane
Concen: 51.689 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

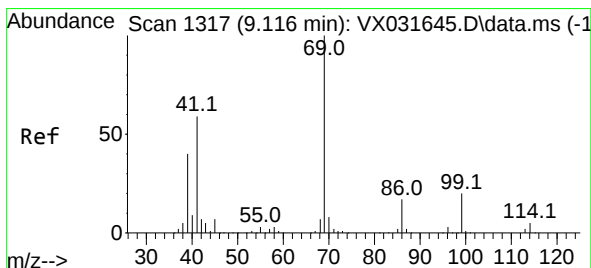
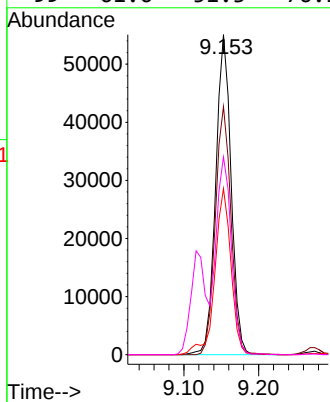
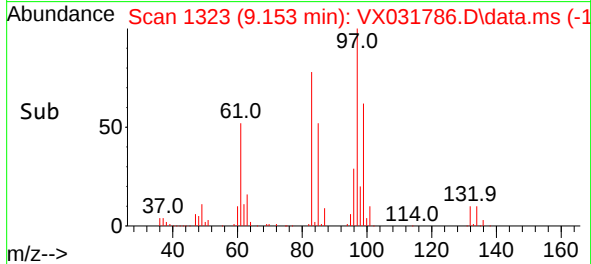


Tgt Ion: 97 Resp: 79010

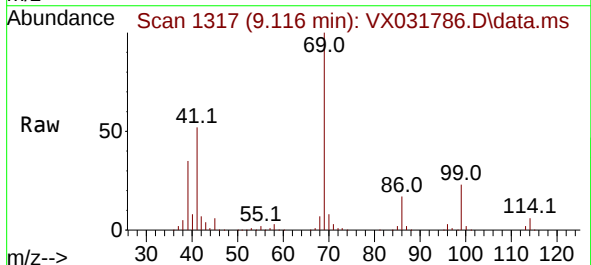
Ion	Ratio	Lower	Upper
97	100		
83	77.6	69.0	103.6
85	51.9	44.1	66.1
99	61.6	51.3	76.9

Manual Integrations
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Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

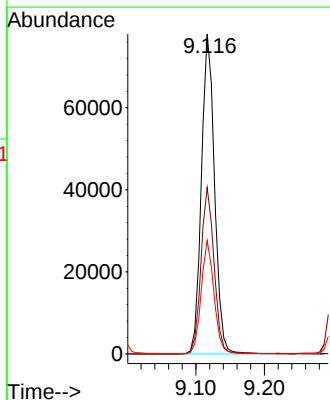
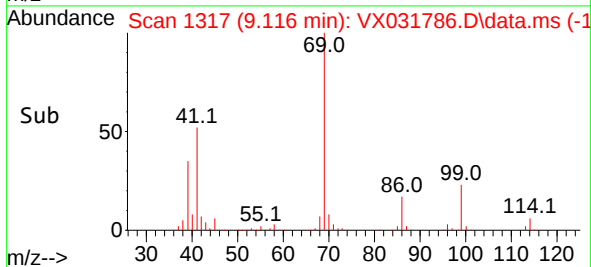


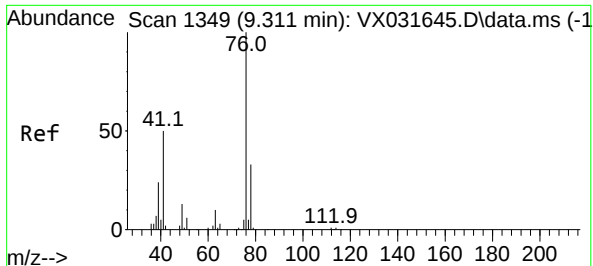
#56
Ethyl methacrylate
Concen: 53.396 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11



Tgt Ion: 69 Resp: 104427

Ion	Ratio	Lower	Upper
69	100		
41	51.8	54.2	81.4#
39	35.0	34.2	51.2





#57

1,3-Dichloropropane

Concen: 49.558 ug/l

RT: 9.311 min Scan# 11996

Delta R.T. 0.000 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11996

Ion Ratio Lower Upper

76 100

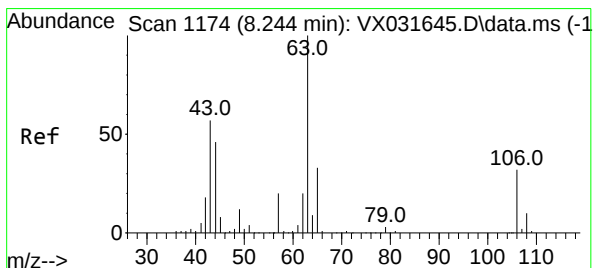
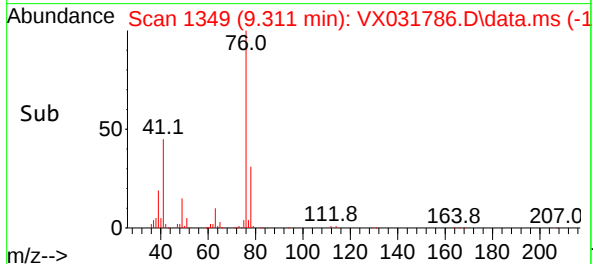
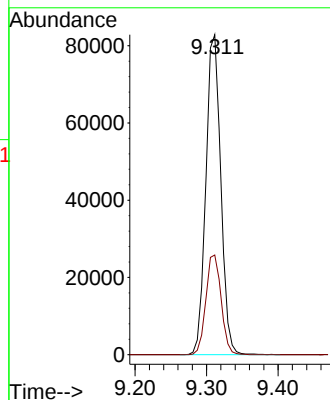
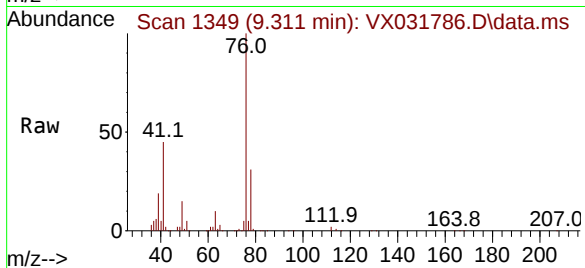
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 248.247 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX031786.D

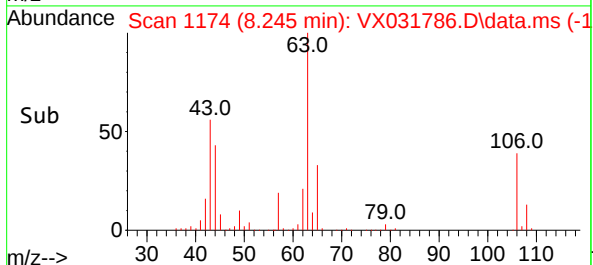
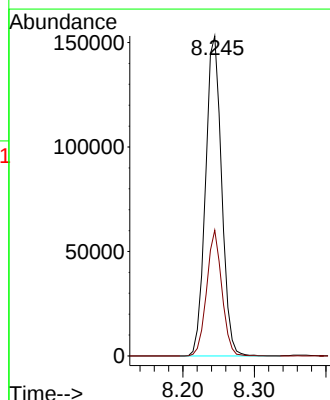
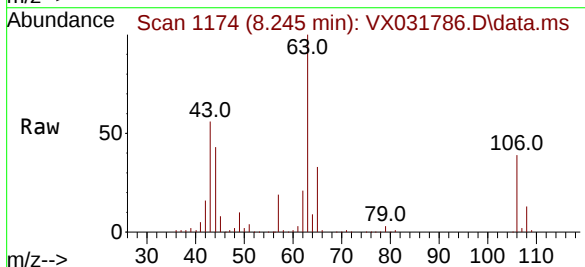
Acq: 29 Sep 2022 20:11

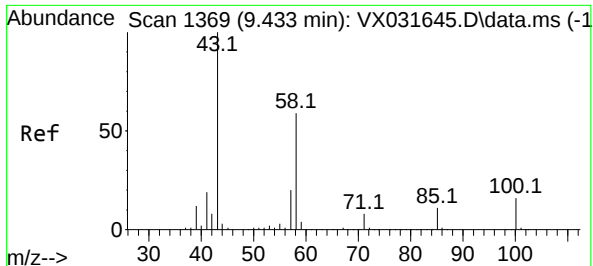
Tgt Ion: 63 Resp: 239065

Ion Ratio Lower Upper

63 100

106 37.2 22.6 34.0#





#59

2-Hexanone

Concen: 225.384 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 29303

Ion Ratio Lower Upper

43 100

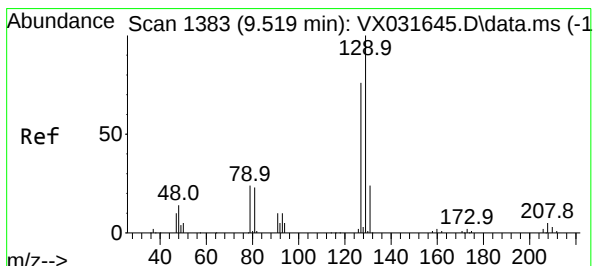
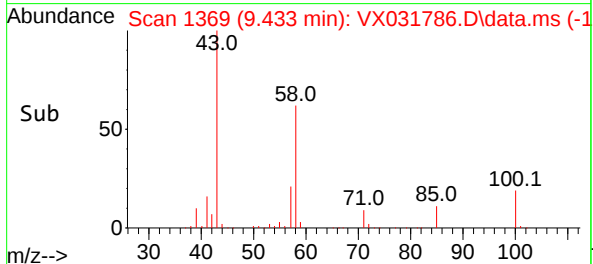
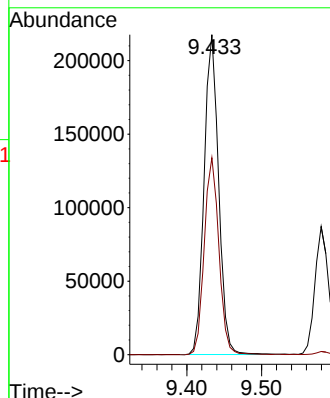
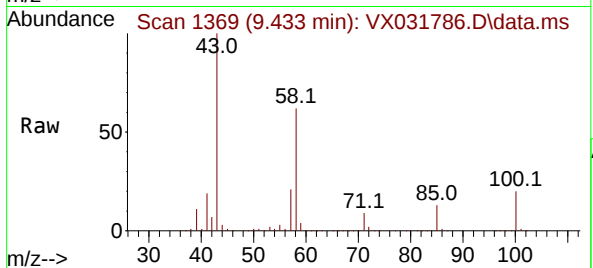
58 62.2 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#60

Dibromochloromethane

Concen: 50.546 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX031786.D

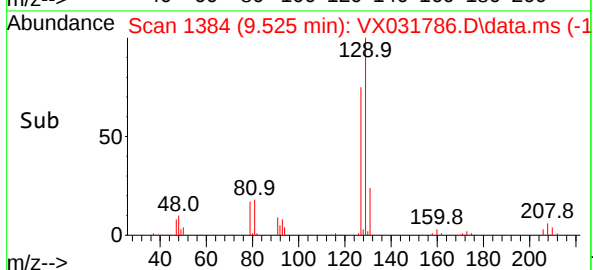
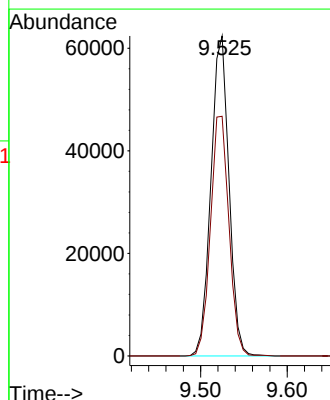
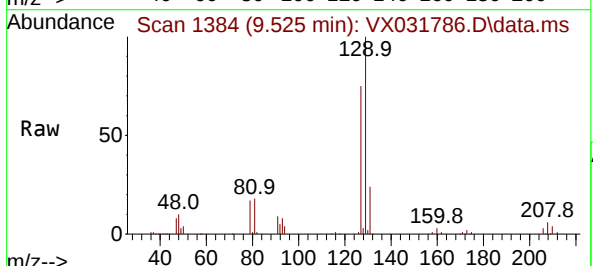
Acq: 29 Sep 2022 20:11

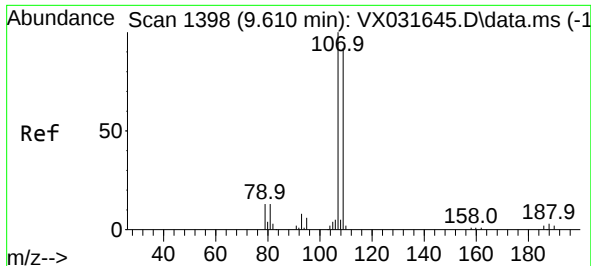
Tgt Ion:129 Resp: 90243

Ion Ratio Lower Upper

129 100

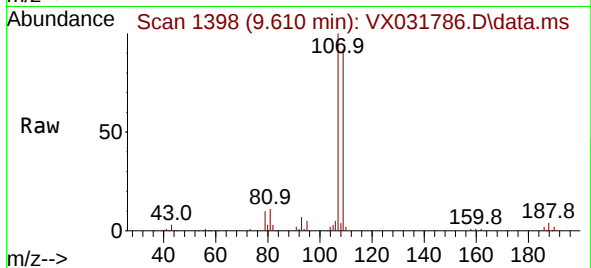
127 76.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 55.557 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

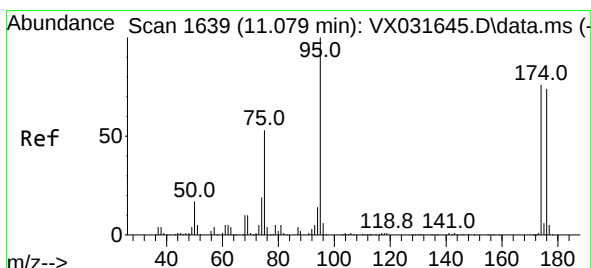
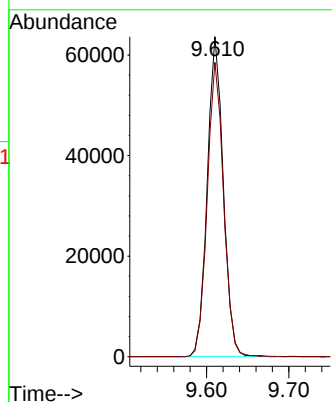
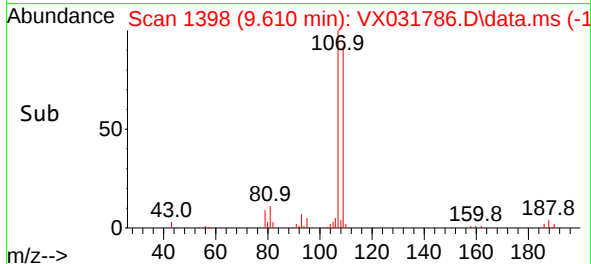
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



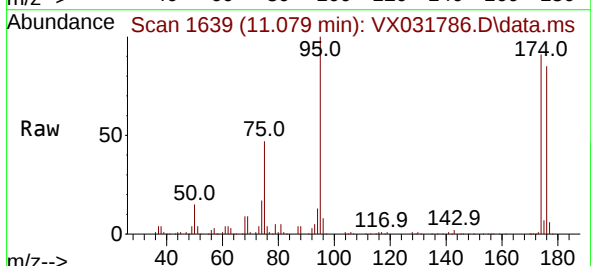
Tgt Ion:107 Resp: 8620
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.4

Manual Integrations
APPROVED

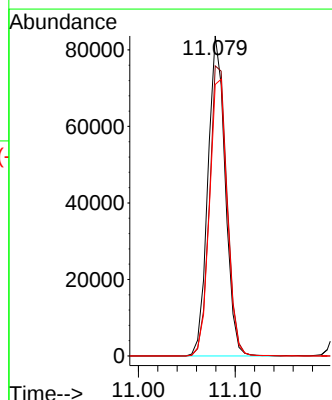
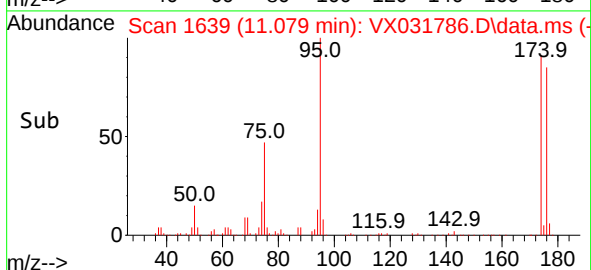
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

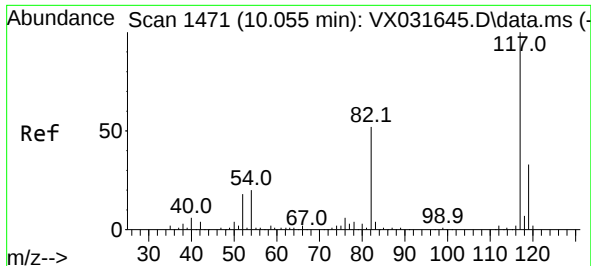


#62
4-Bromofluorobenzene
Concen: 51.908 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11



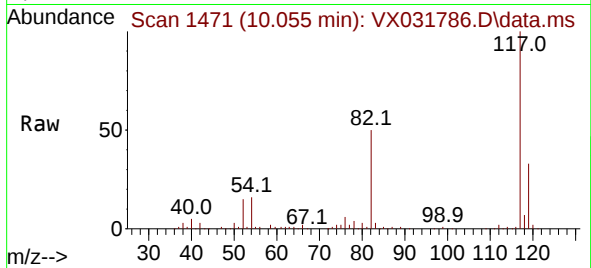
Tgt Ion: 95 Resp: 104152
Ion Ratio Lower Upper
95 100
174 93.0 0.0 153.2
176 88.8 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

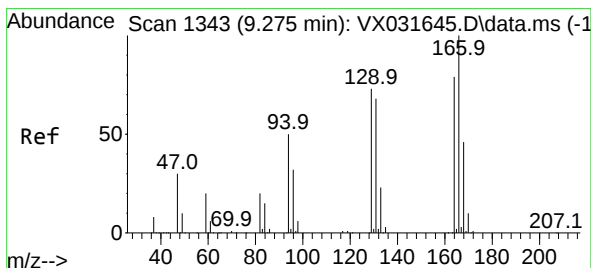
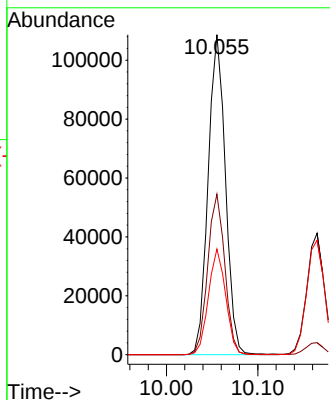
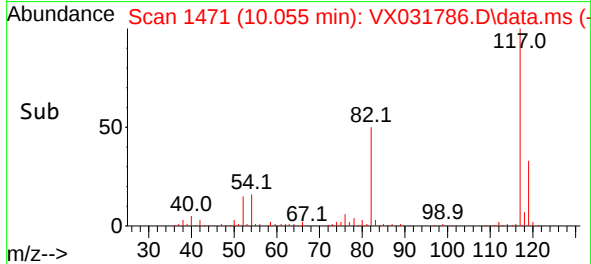
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 142477
Ion Ratio Lower Upper
117 100
82 50.2 46.8 70.2
119 33.0 26.4 39.6

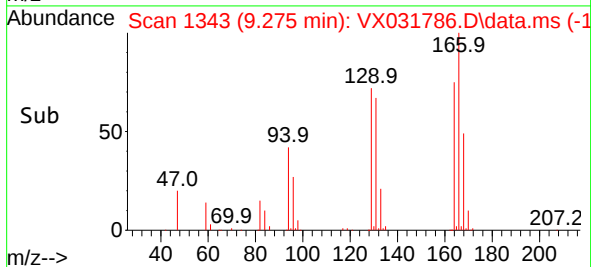
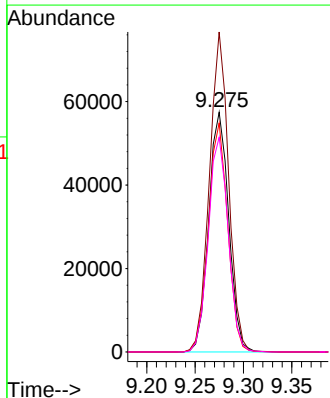
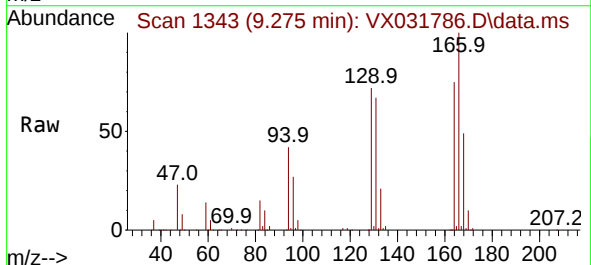
Manual Integrations
APPROVED

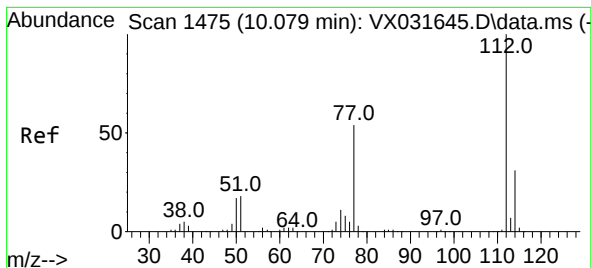
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#64
Tetrachloroethene
Concen: 54.448 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

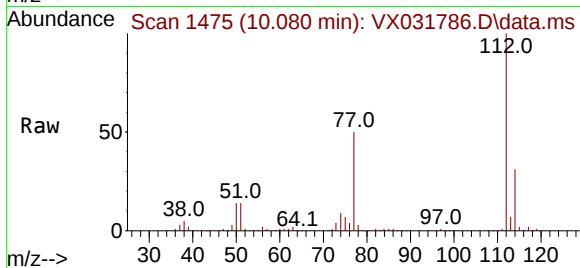
Tgt Ion:164 Resp: 82918
Ion Ratio Lower Upper
164 100
166 133.5 99.0 148.4
129 95.5 78.0 117.0
131 89.6 74.2 111.2





#65
Chlorobenzene
Concen: 54.493 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

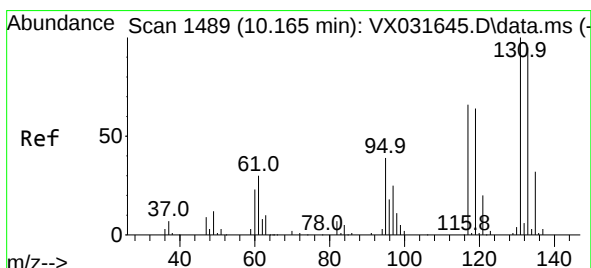
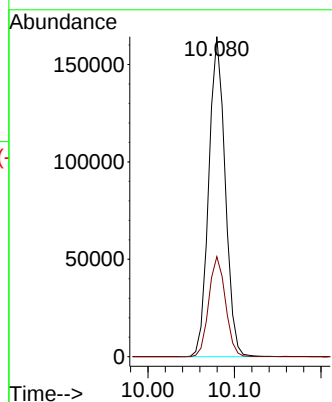
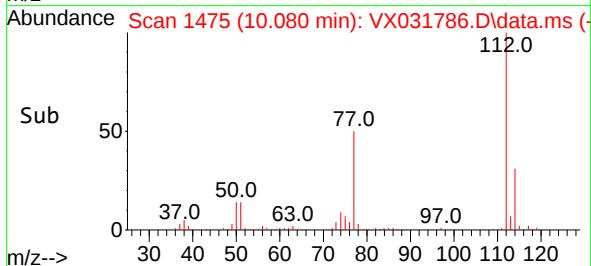
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 21630
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

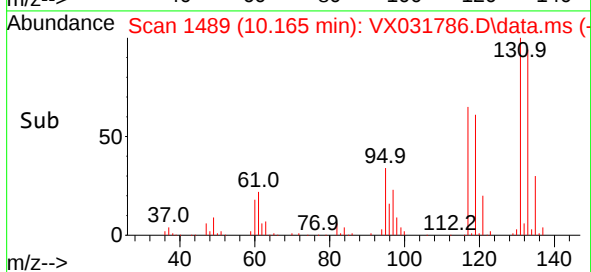
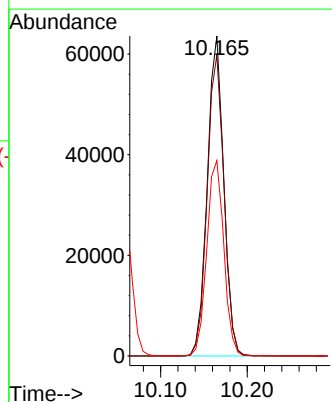
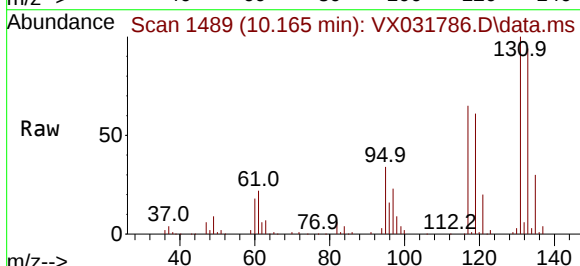
Manual Integrations
APPROVED

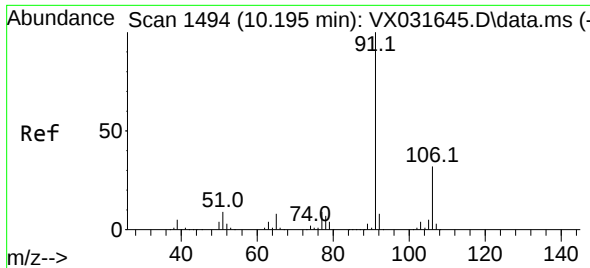
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 58.861 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

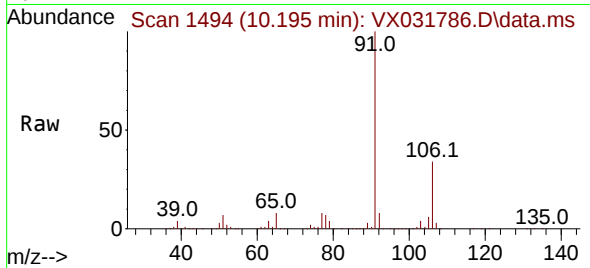
Tgt Ion:131 Resp: 84066
Ion Ratio Lower Upper
131 100
133 95.8 46.6 139.7
119 63.2 31.9 95.9





#67
Ethyl Benzene
Concen: 52.381 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

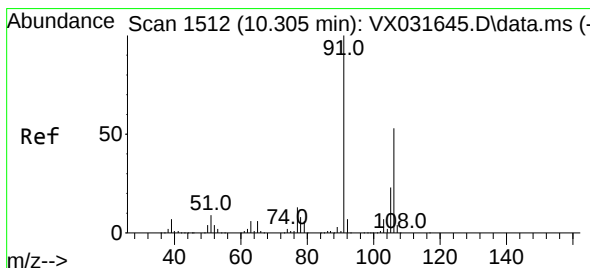
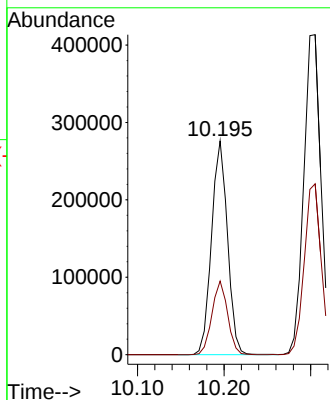
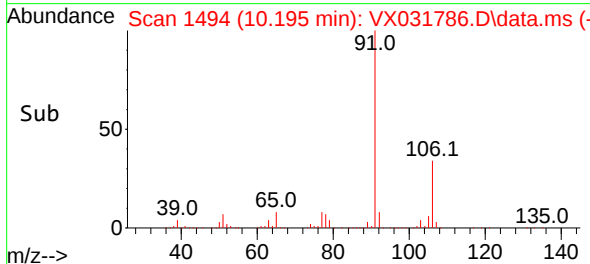
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 35369
Ion Ratio Lower Upper
91 100
106 34.4 25.2 37.8

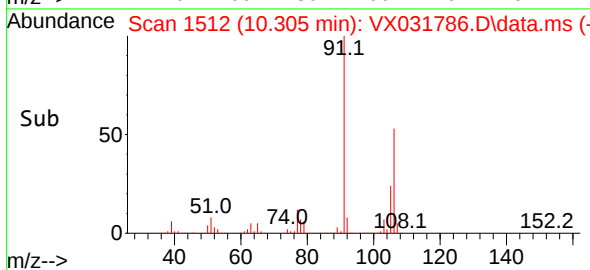
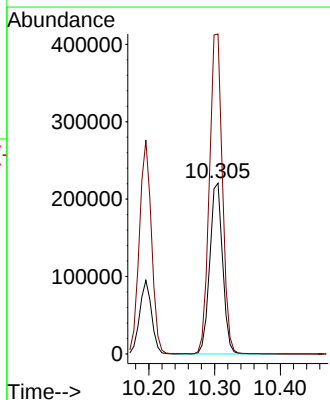
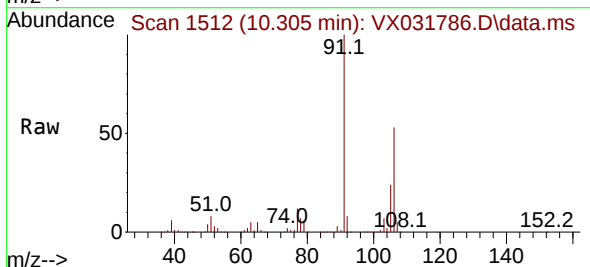
Manual Integrations
APPROVED

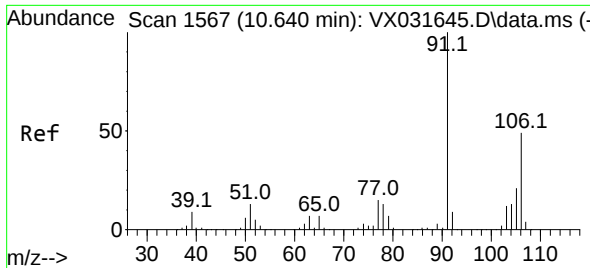
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#68
m/p-Xylenes
Concen: 110.707 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Tgt Ion:106 Resp: 300354
Ion Ratio Lower Upper
106 100
91 189.7 161.0 241.4





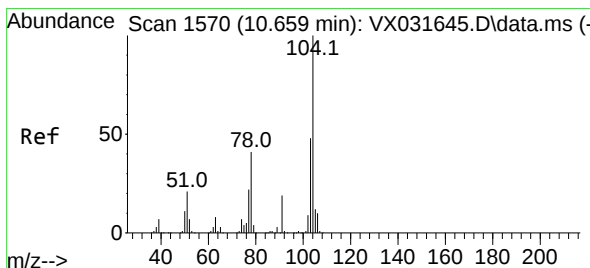
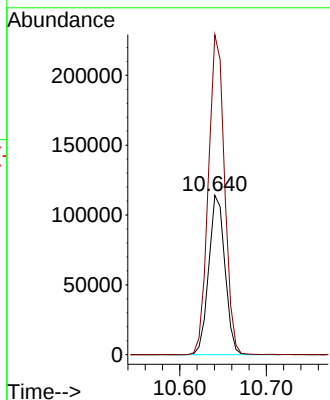
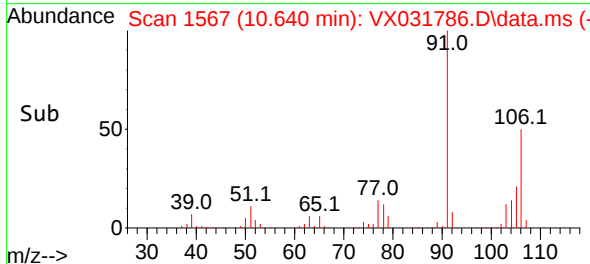
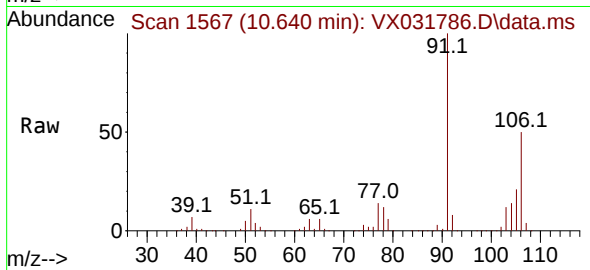
#69
o-Xylene
Concen: 55.932 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 14832
Ion Ratio Lower Upper
106 100
91 200.1 107.2 321.6

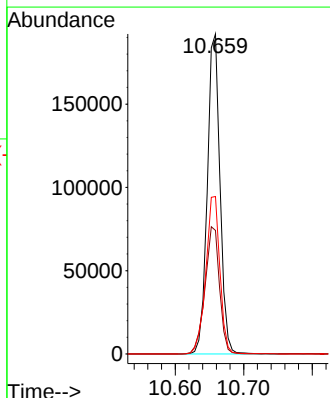
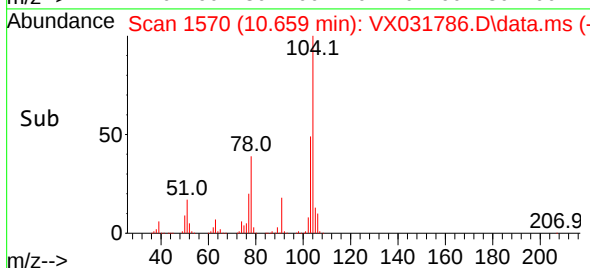
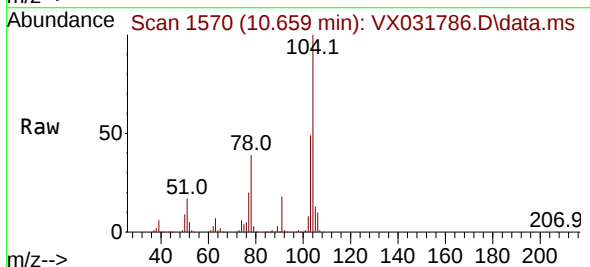
Manual Integrations
APPROVED

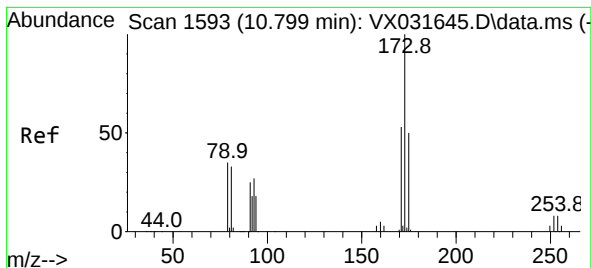
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#70
Styrene
Concen: 57.452 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Tgt Ion:104 Resp: 247995
Ion Ratio Lower Upper
104 100
78 45.3 41.4 62.2
103 54.7 43.8 65.8





#71

Bromoform

Concen: 53.901 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

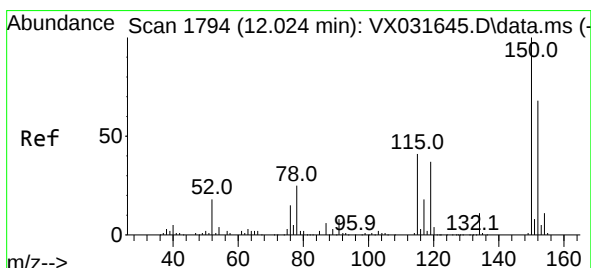
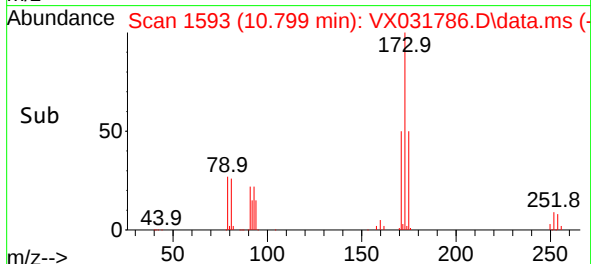
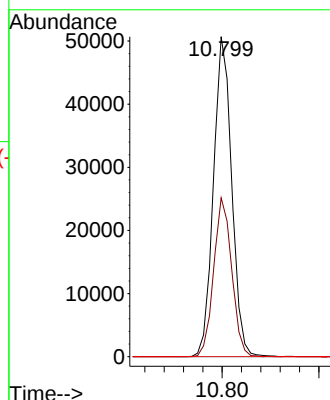
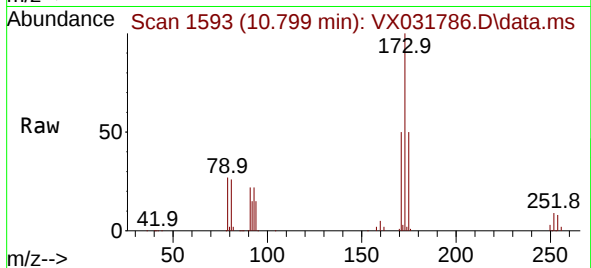
Tgt Ion:173 Resp: 66375
 Ion Ratio Lower Upper
 173 100
 175 49.0 24.0 72.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

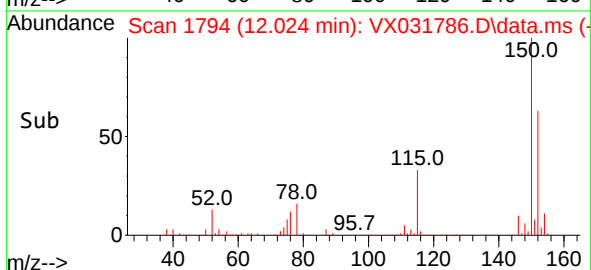
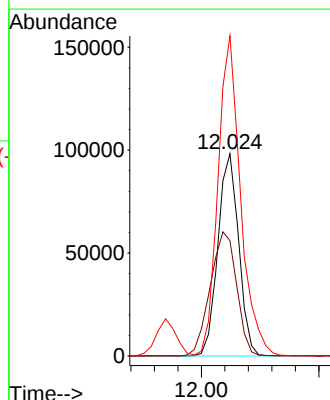
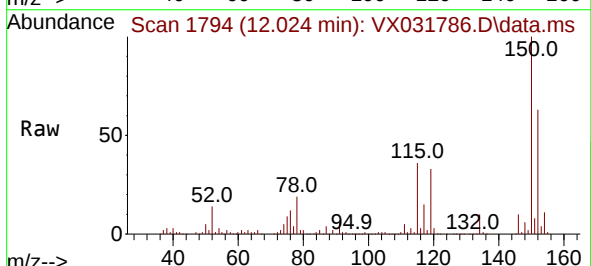
RT: 12.024 min Scan# 1794

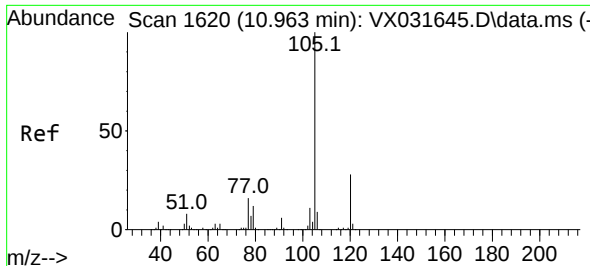
Delta R.T. 0.000 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

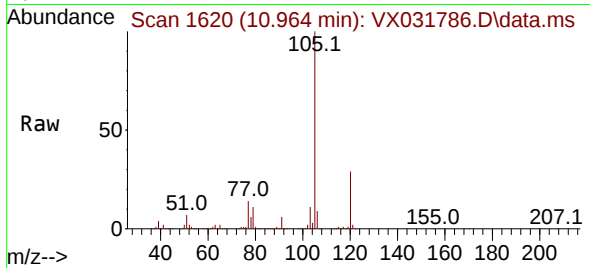
Tgt Ion:152 Resp: 120666
 Ion Ratio Lower Upper
 152 100
 115 78.1 43.4 130.1
 150 172.4 0.0 346.8





#73
Isopropylbenzene
Concen: 50.196 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

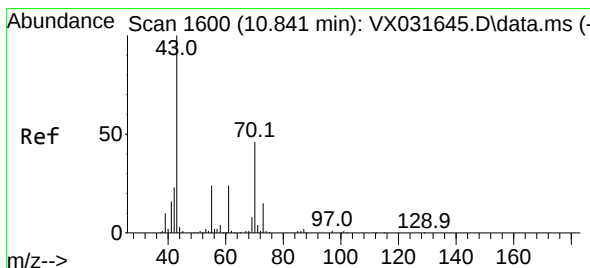
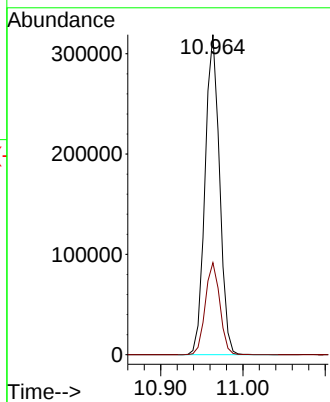
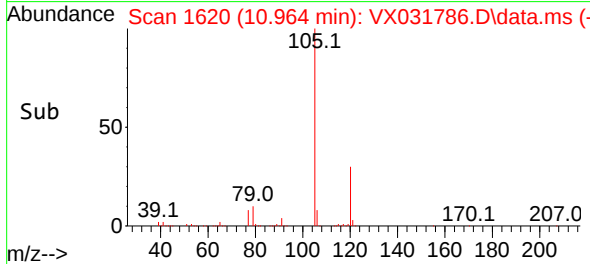
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 391705
Ion Ratio Lower Upper
105 100
120 28.7 13.7 41.0

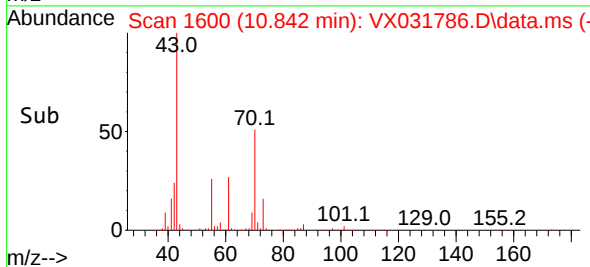
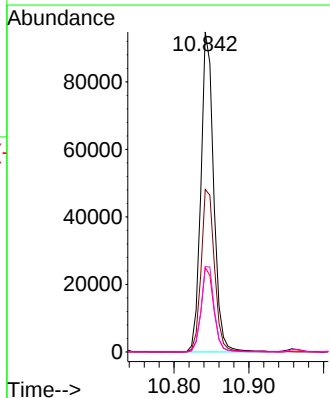
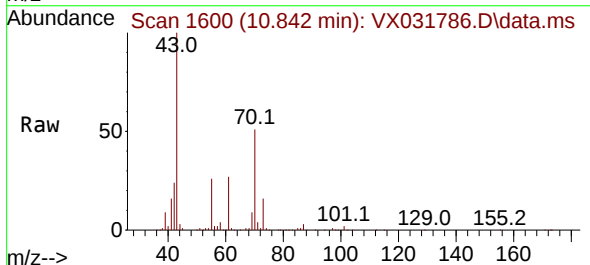
Manual Integrations
APPROVED

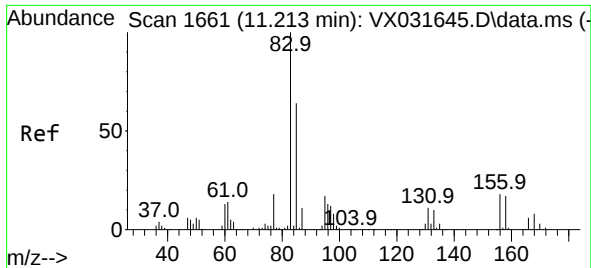
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#74
N-ethyl acetate
Concen: 44.560 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

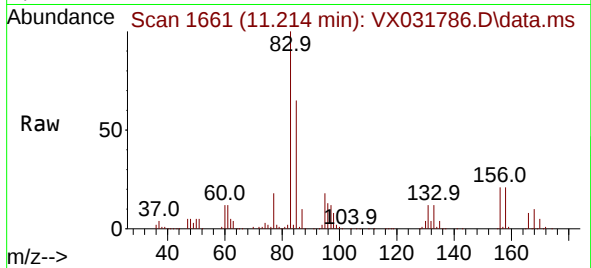
Tgt Ion: 43 Resp: 112795
Ion Ratio Lower Upper
43 100
70 53.3 33.4 50.2#
55 26.5 18.2 27.2
61 27.3 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 46.125 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

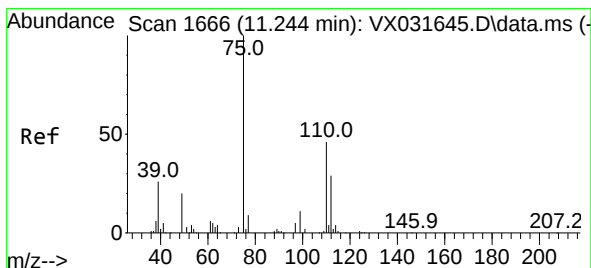
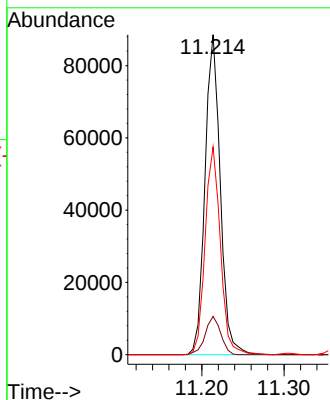
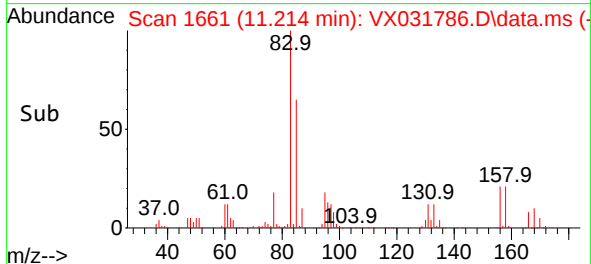
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



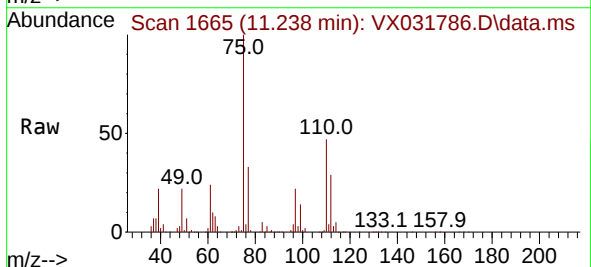
Tgt Ion: 83 Resp: 114369
Ion Ratio Lower Upper
83 100
131 12.1 5.1 15.4
85 65.0 32.6 97.8

Manual Integrations
APPROVED

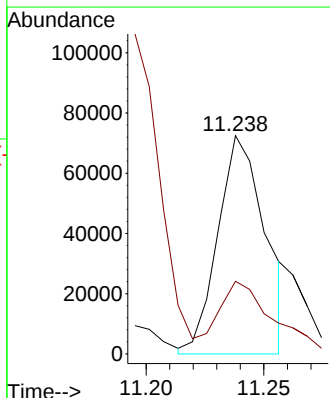
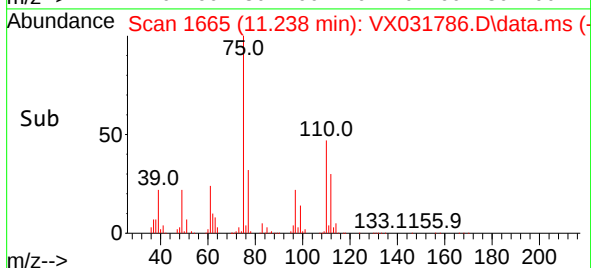
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

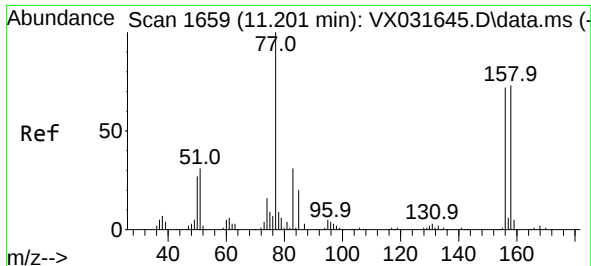


#76
1,2,3-Trichloropropane
Concen: 46.235 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11



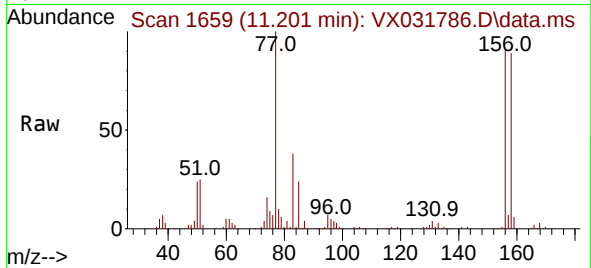
Tgt Ion: 75 Resp: 101140
Ion Ratio Lower Upper
75 100
77 39.1 20.3 60.9





#77
Bromobenzene
Concen: 54.063 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

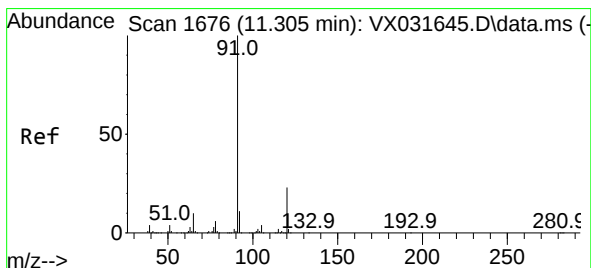
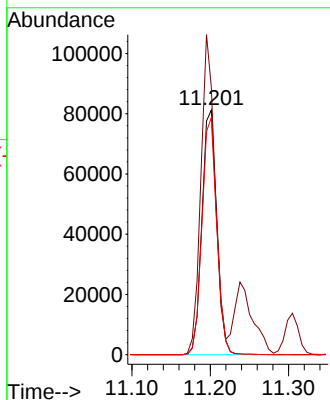
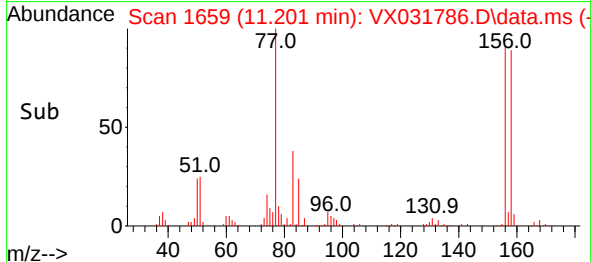
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



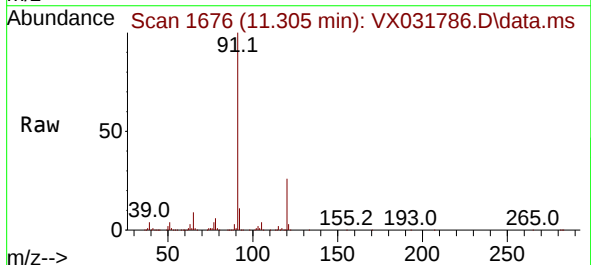
Tgt Ion:156 Resp: 107248
Ion Ratio Lower Upper
156 100
77 123.1 79.5 238.6
158 96.0 48.4 145.3

Manual Integrations
APPROVED

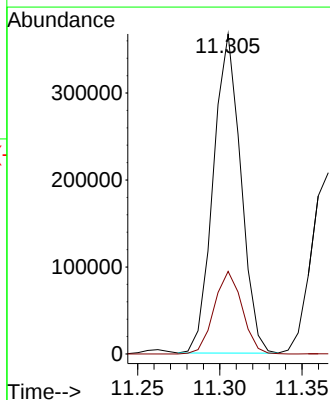
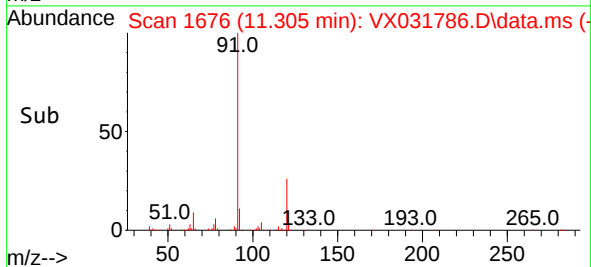
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

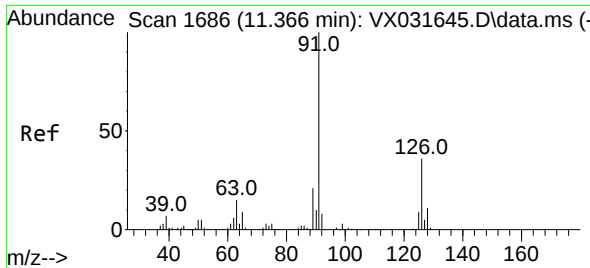


#78
n-propylbenzene
Concen: 49.231 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11



Tgt Ion: 91 Resp: 427501
Ion Ratio Lower Upper
91 100
120 26.2 11.8 35.4





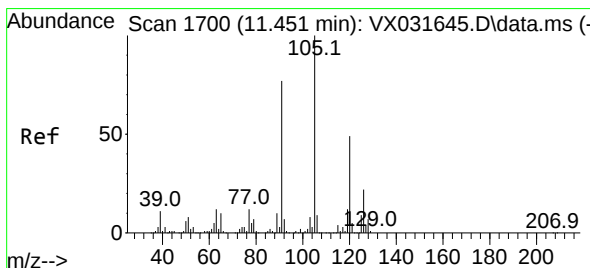
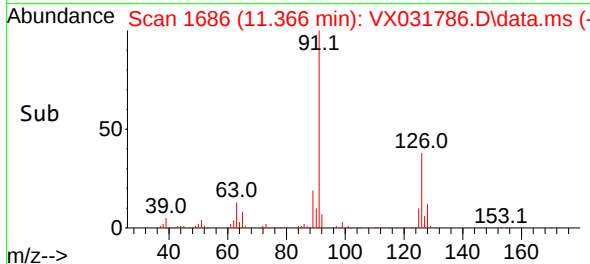
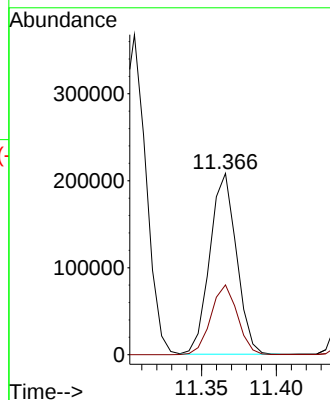
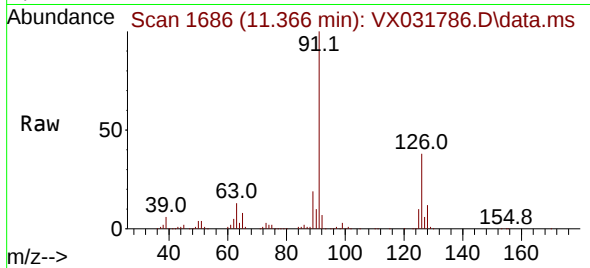
#79
2-Chlorotoluene
Concen: 48.043 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 257610
Ion Ratio Lower Upper
91 100
126 38.5 17.4 52.3

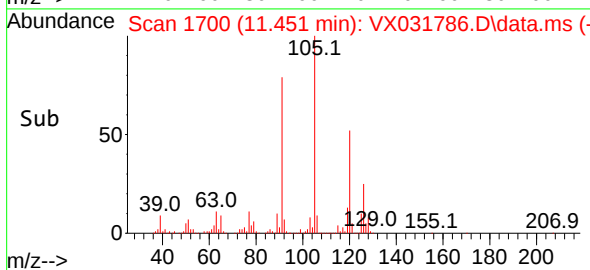
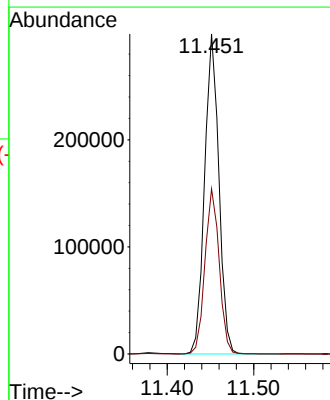
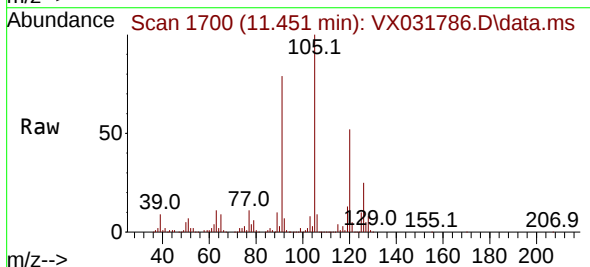
Manual Integrations
APPROVED

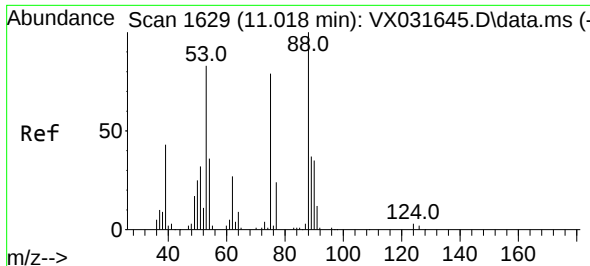
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.688 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

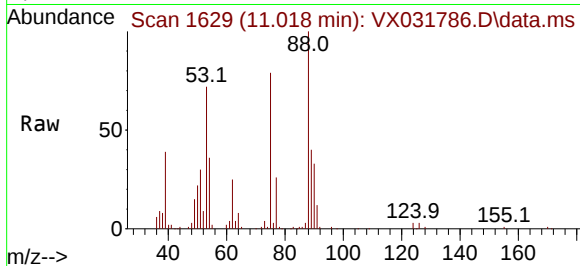
Tgt Ion:105 Resp: 341911
Ion Ratio Lower Upper
105 100
120 51.5 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 43.548 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

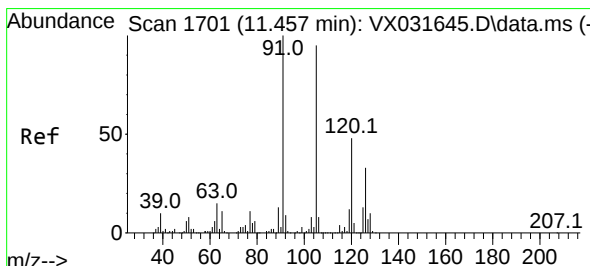
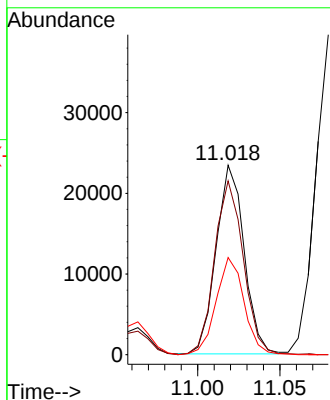
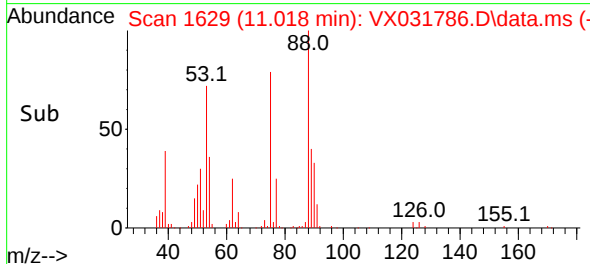
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2773
Ion Ratio Lower Upper
75 100
53 94.7 77.6 116.4
89 51.4 37.4 56.0

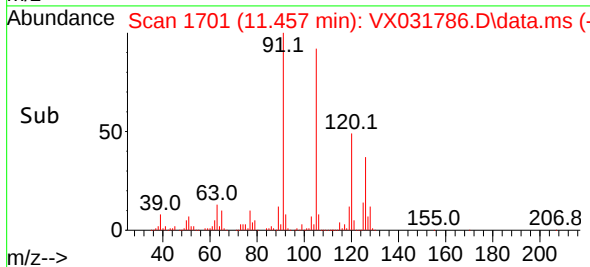
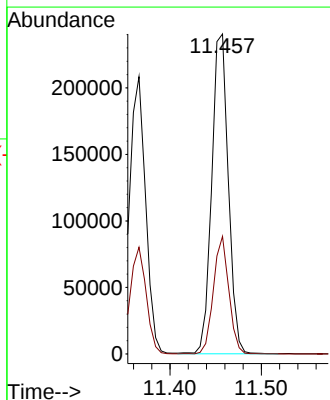
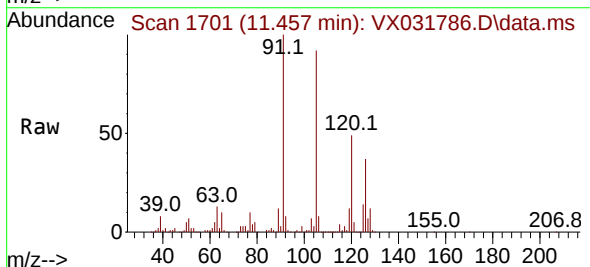
Manual Integrations
APPROVED

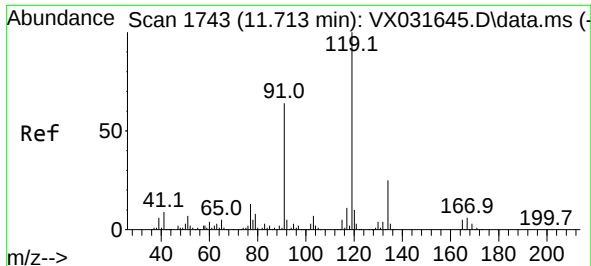
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#82
4-Chlorotoluene
Concen: 48.877 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

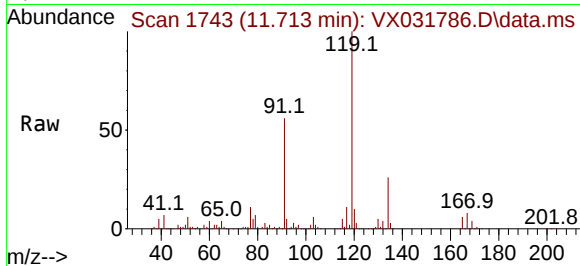
Tgt Ion: 91 Resp: 302789
Ion Ratio Lower Upper
91 100
126 34.3 15.1 45.3





#83
tert-Butylbenzene
Concen: 54.420 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

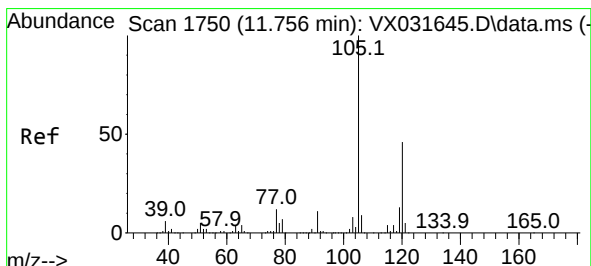
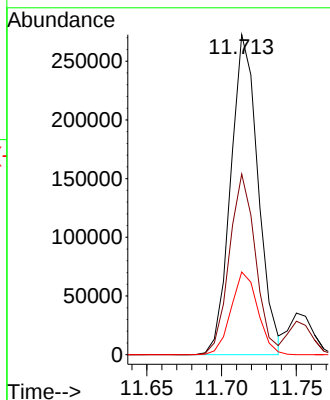
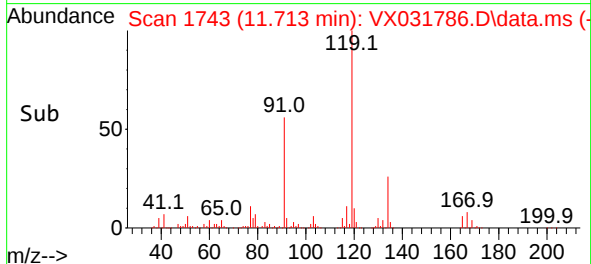
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



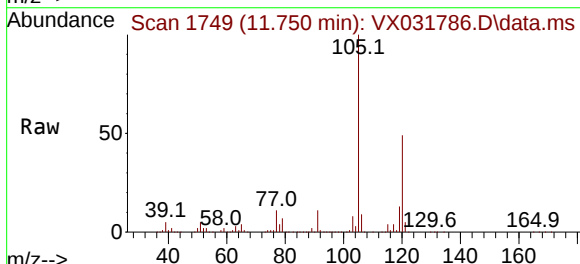
Tgt Ion:119 Resp: 347144
Ion Ratio Lower Upper
119 100
91 54.1 29.2 87.6
134 25.2 11.6 34.8

Manual Integrations
APPROVED

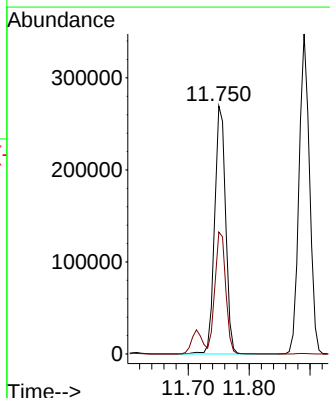
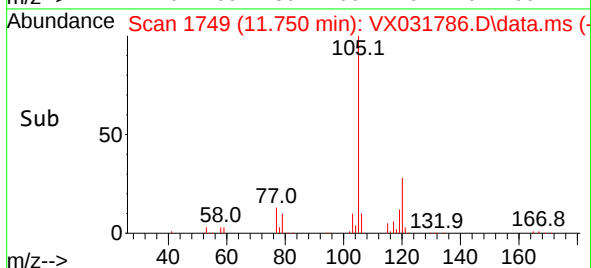
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

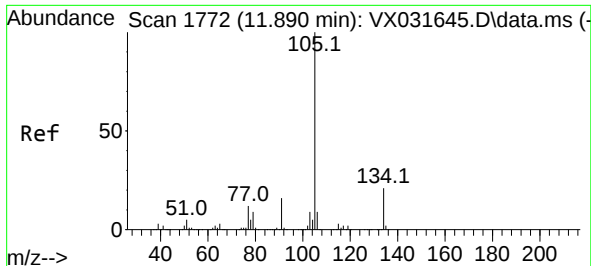


#84
1,2,4-Trimethylbenzene
Concen: 51.515 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11



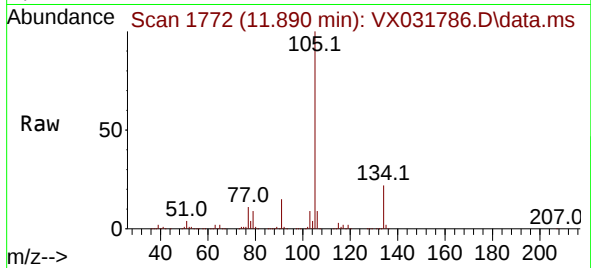
Tgt Ion:105 Resp: 337304
Ion Ratio Lower Upper
105 100
120 48.3 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 51.177 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031786.D
 Acq: 29 Sep 2022 20:11

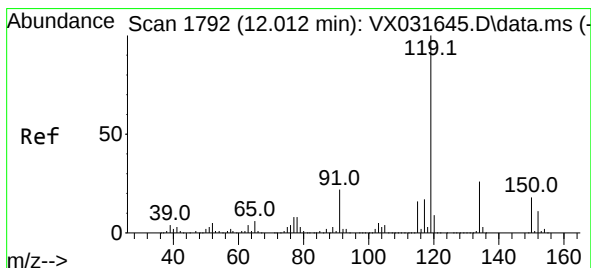
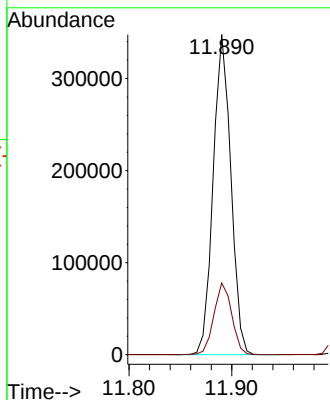
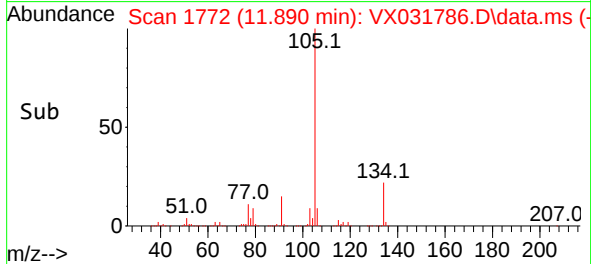
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



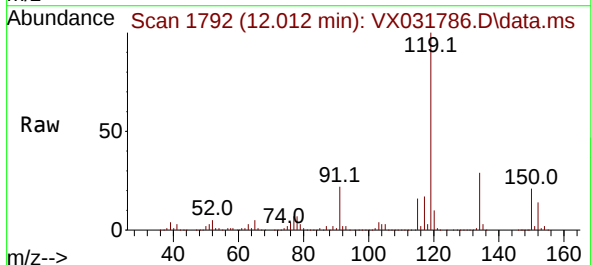
Tgt Ion:105 Resp: 414880
 Ion Ratio Lower Upper
 105 100
 134 22.6 10.4 31.1

Manual Integrations
 APPROVED

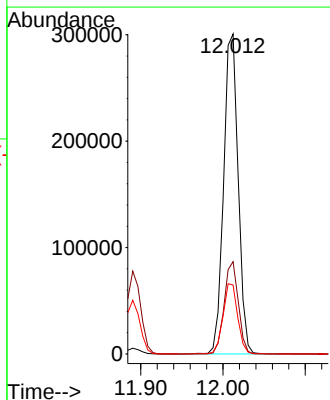
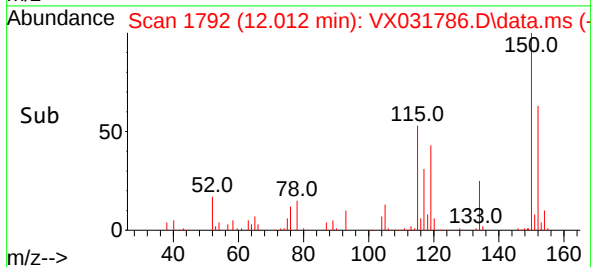
Reviewed By :John Carlone 09/30/2022
 Supervised By :Mahesh Dadoda 10/06/2022

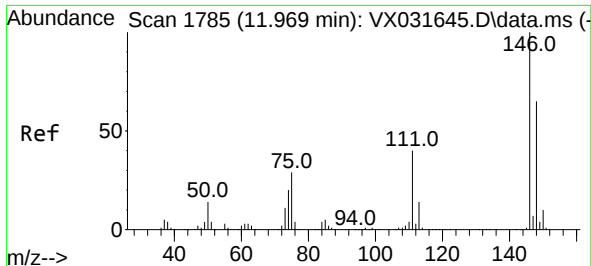


#86
 p-Isopropyltoluene
 Concen: 53.000 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031786.D
 Acq: 29 Sep 2022 20:11



Tgt Ion:119 Resp: 370525
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.4 40.2
 91 22.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 53.554 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.001 min

Lab File: VX031786.D

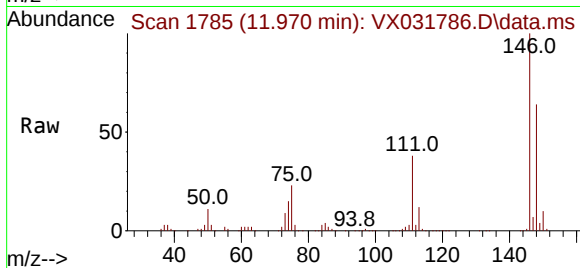
Acq: 29 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 205950

Ion Ratio Lower Upper

146 100

111 37.5 19.8 59.4

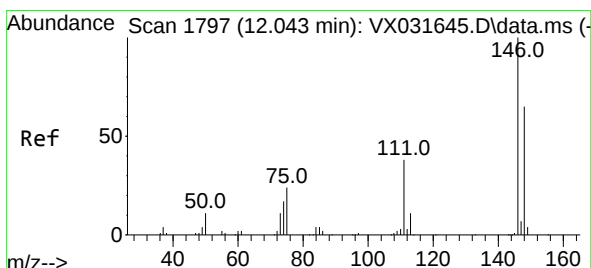
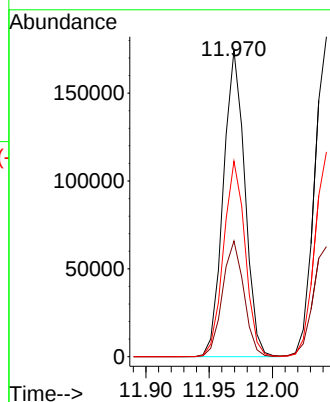
148 64.0 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2022

Supervised By :Mahesh Dadoda 10/06/2022



#88

1,4-Dichlorobenzene

Concen: 52.812 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX031786.D

Acq: 29 Sep 2022 20:11

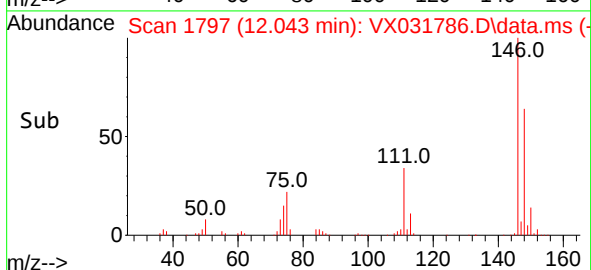
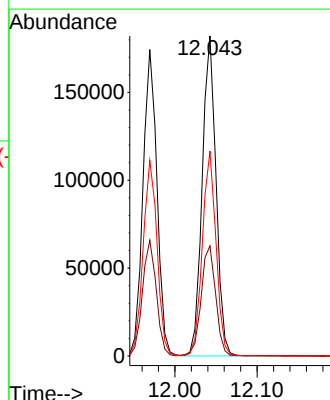
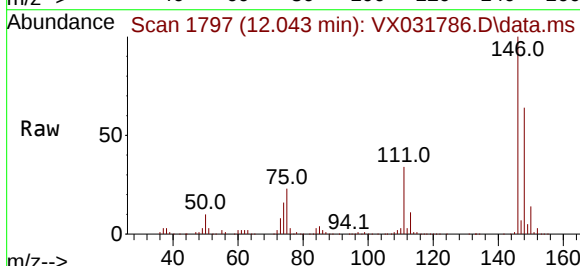
Tgt Ion:146 Resp: 212598

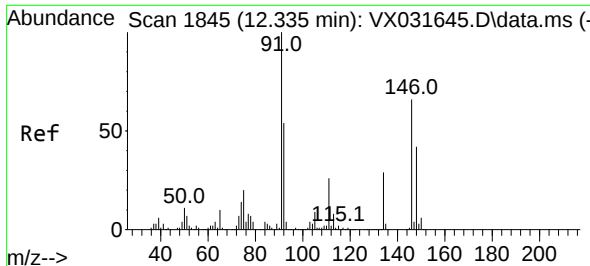
Ion Ratio Lower Upper

146 100

111 36.1 20.5 61.5

148 63.5 32.0 96.2





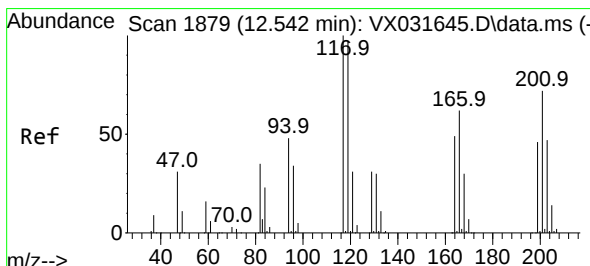
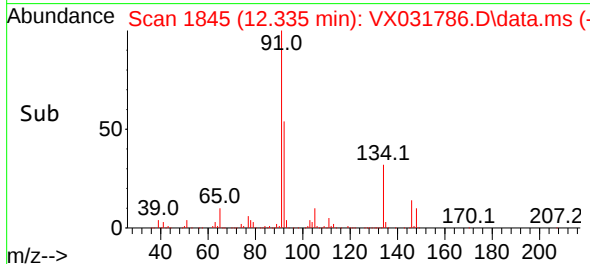
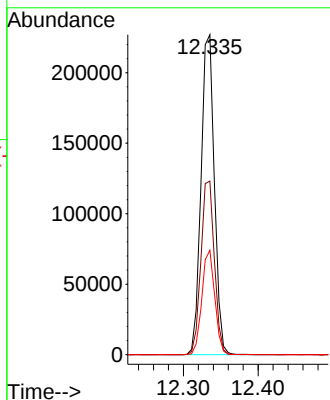
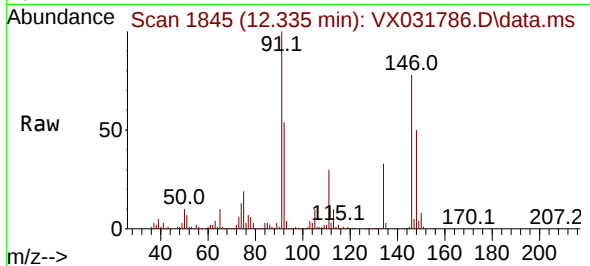
#89
n-Butylbenzene
Concen: 49.220 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 281092
Ion Ratio Lower Upper
91 100
92 55.0 27.0 81.0
134 31.6 13.3 39.9

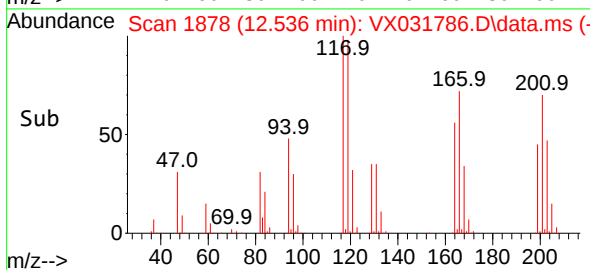
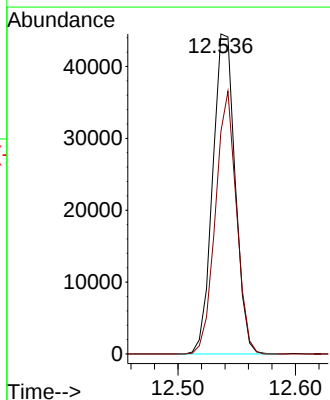
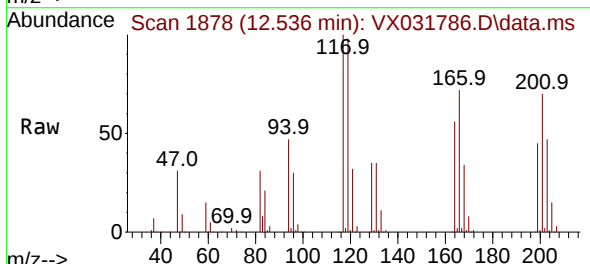
Manual Integrations
APPROVED

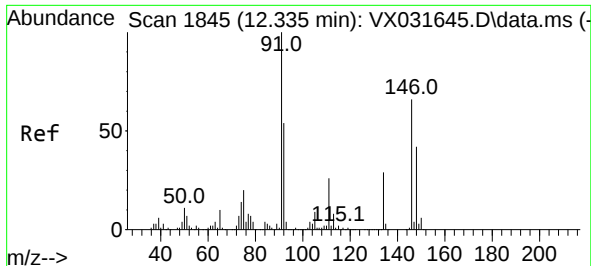
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#90
Hexachloroethane
Concen: 52.848 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

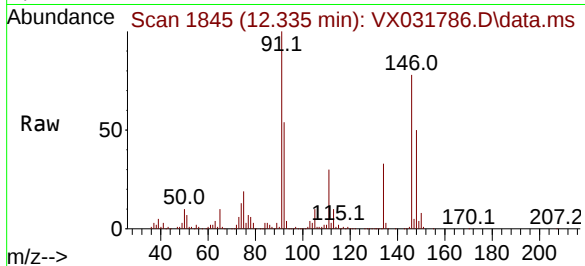
Tgt Ion:117 Resp: 59244
Ion Ratio Lower Upper
117 100
201 76.6 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 54.503 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

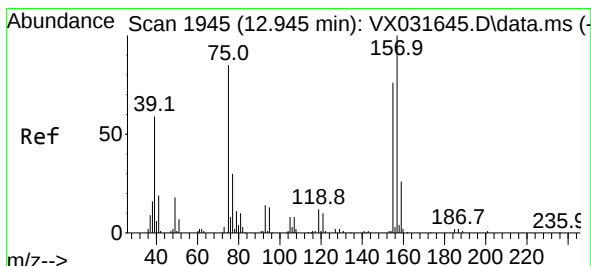
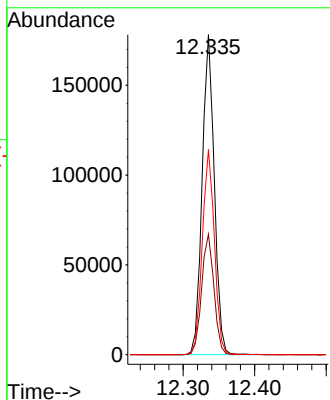
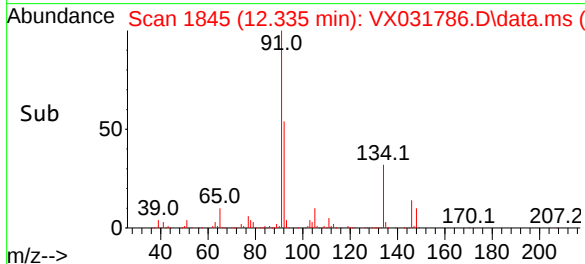
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



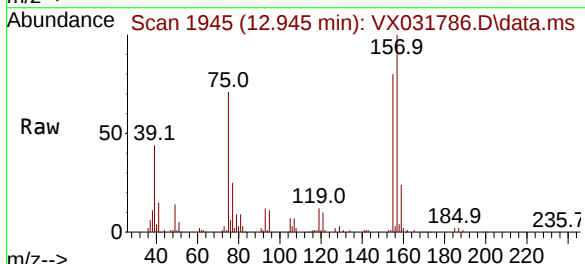
Tgt Ion:146 Resp: 209908
Ion Ratio Lower Upper
146 100
111 38.3 20.6 61.8
148 64.1 31.6 95.0

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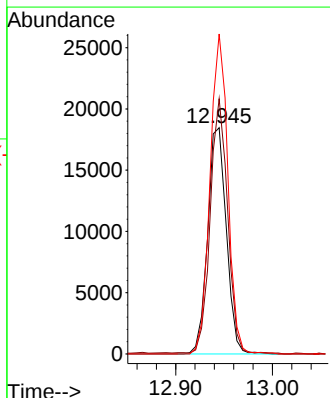
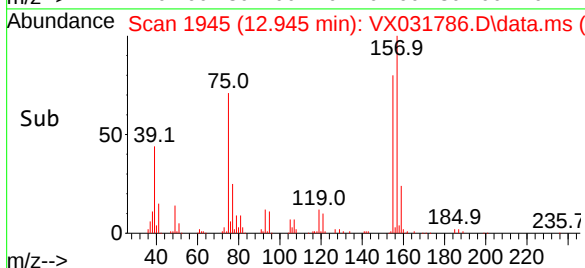
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022

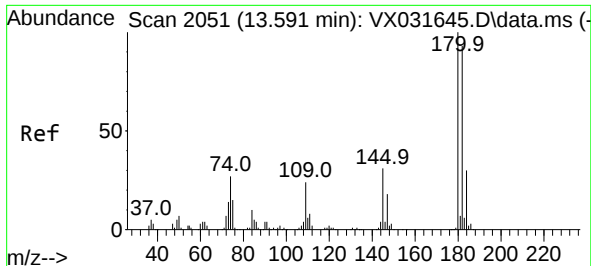


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.902 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11



Tgt Ion: 75 Resp: 24794
Ion Ratio Lower Upper
75 100
155 105.9 40.3 120.8
157 134.5 51.5 154.5





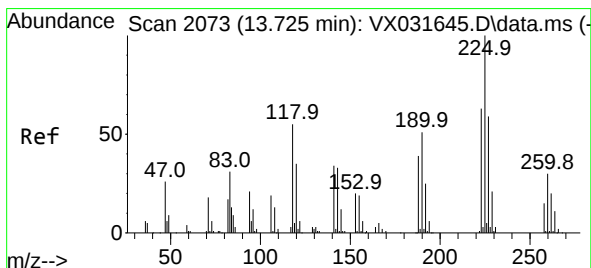
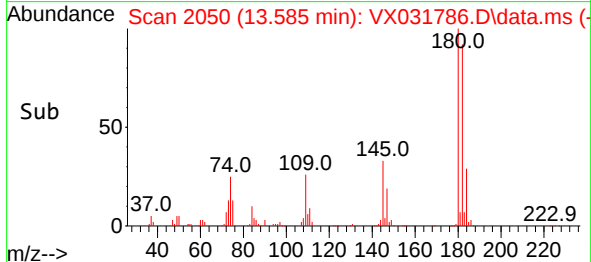
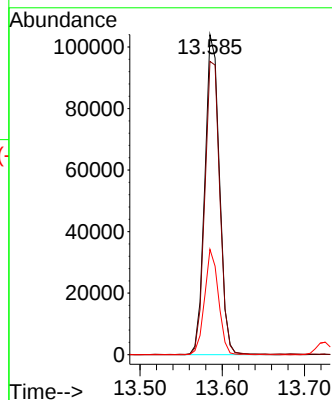
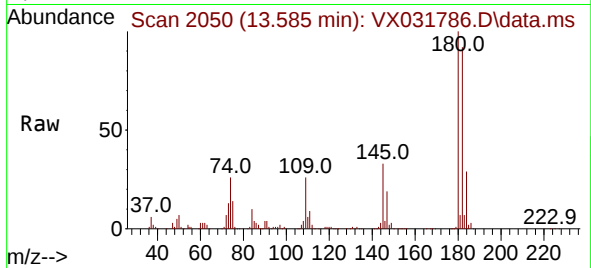
#93
1,2,4-Trichlorobenzene
Concen: 57.067 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 128528
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.6
145 31.2 16.7 50.1

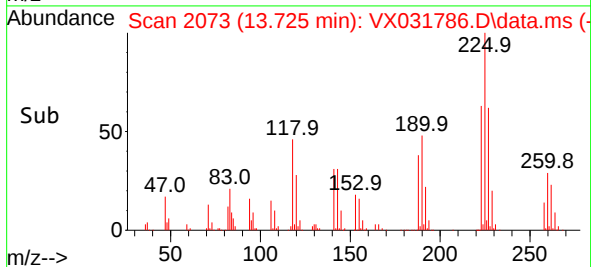
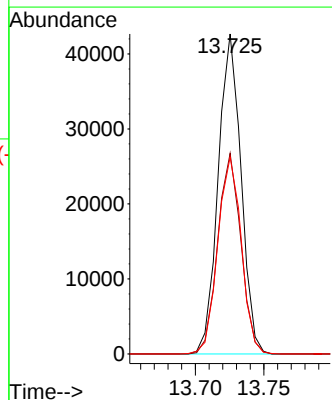
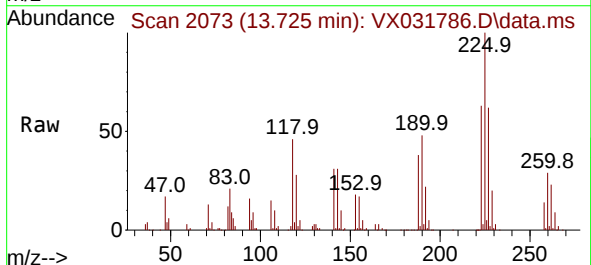
Manual Integrations
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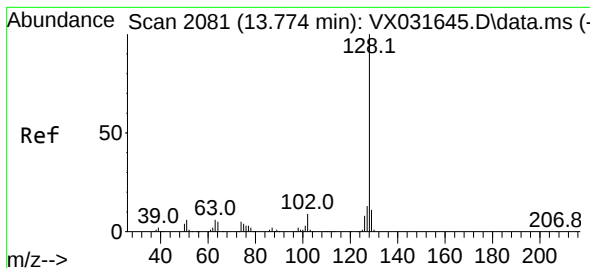
Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#94
Hexachlorobutadiene
Concen: 56.244 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

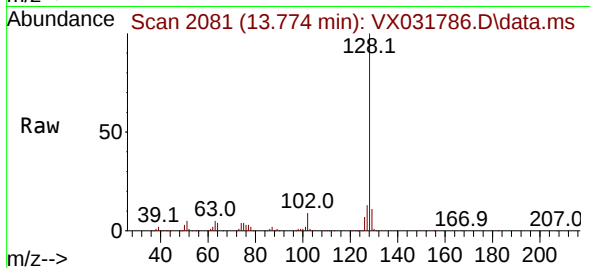
Tgt Ion:225 Resp: 49395
Ion Ratio Lower Upper
225 100
223 63.5 30.8 92.4
227 63.2 32.3 96.9





#95
Naphthalene
Concen: 57.543 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

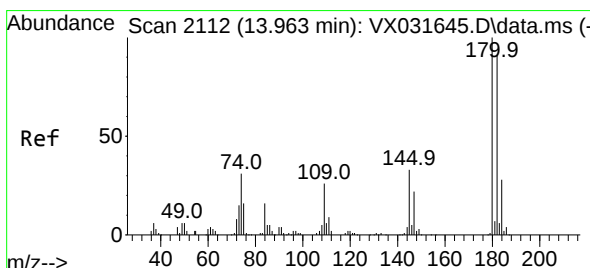
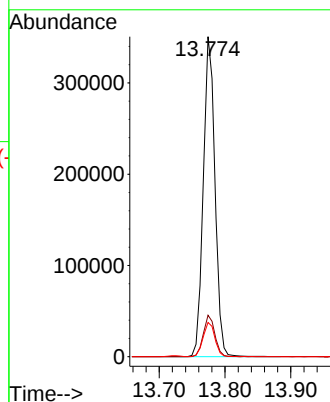
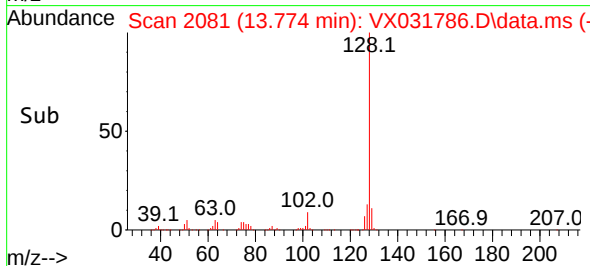
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 432899
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2022
Supervised By :Mahesh Dadoda 10/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 56.155 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031786.D
Acq: 29 Sep 2022 20:11

Tgt Ion:180 Resp: 129799
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.8
145 32.8 17.6 52.8

