

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032980.D
 Acq On : 22 Nov 2022 15:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 23 05:48:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	121972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64537	54.426	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.860%			
35) Dibromofluoromethane	5.385	113	52988	48.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.680%			
50) Toluene-d8	8.647	98	168298	51.073	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.140%			
62) 4-Bromofluorobenzene	11.079	95	74413	51.677	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	42351	45.448	ug/l	97
3) Chloromethane	1.294	50	47213	46.932	ug/l	98
4) Vinyl Chloride	1.374	62	51404	45.892	ug/l	98
5) Bromomethane	1.617	94	39455	47.501	ug/l	97
6) Chloroethane	1.691	64	45423	49.812	ug/l	99
7) Trichlorofluoromethane	1.892	101	104351	48.001	ug/l	99
8) Diethyl Ether	2.129	74	36373	53.144	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	55176	48.288	ug/l	99
10) Methyl Iodide	2.453	142	67249	51.411	ug/l	100
11) Tert butyl alcohol	3.013	59	56370m	299.373	ug/l	
12) 1,1-Dichloroethene	2.318	96	51788	48.654	ug/l	91
13) Acrolein	2.239	56	56075	259.266	ug/l	100
14) Allyl chloride	2.666	41	85260	49.615	ug/l	98
15) Acrylonitrile	3.068	53	148715	279.233	ug/l	99
16) Acetone	2.392	43	138341	249.381	ug/l	99
17) Carbon Disulfide	2.514	76	132089	44.917	ug/l	99
18) Methyl Acetate	2.709	43	85231	55.504	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	199142	53.947	ug/l	100
20) Methylene Chloride	2.788	84	61748	53.588	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	59115	48.551	ug/l	98
22) Diisopropyl ether	3.757	45	203190	54.302	ug/l #	87
23) Vinyl Acetate	3.721	43	820726	280.207	ug/l	100
24) 1,1-Dichloroethane	3.611	63	108783	50.804	ug/l	99
25) 2-Butanone	4.562	43	214793	280.799	ug/l	100
26) 2,2-Dichloropropane	4.477	77	86318	50.136	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	70762	51.151	ug/l	99
28) Bromochloromethane	4.897	49	48473	51.520	ug/l	99
29) Tetrahydrofuran	5.007	42	140094	288.626	ug/l	100
30) Chloroform	5.092	83	124118	51.755	ug/l	97
31) Cyclohexane	5.470	56	94019	48.850	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	108139	50.351	ug/l	100
36) 1,1-Dichloropropene	5.690	75	84943	48.462	ug/l	99
37) Ethyl Acetate	4.714	43	86454	56.536	ug/l	98
38) Carbon Tetrachloride	5.678	117	94282	48.488	ug/l	98
39) Methylcyclohexane	7.379	83	98948	49.477	ug/l	99
40) Benzene	6.037	78	248475	50.561	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	48784	56.696	ug/l	98
42) 1,2-Dichloroethane	6.086	62	105715	53.426	ug/l	99
43) Isopropyl Acetate	6.336	43	141495	55.949	ug/l	99
44) Trichloroethene	7.122	130	68128	49.403	ug/l	96
45) 1,2-Dichloropropane	7.427	63	64333	52.971	ug/l	99
46) Dibromomethane	7.580	93	49767	52.516	ug/l	99
47) Bromodichloromethane	7.824	83	97670	53.339	ug/l	97
48) Methyl methacrylate	7.689	41	74372	57.132	ug/l	98
49) 1,4-Dioxane	7.720	88	31264	1304.691	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	456078	292.254	ug/l	100
52) Toluene	8.720	92	165044	51.047	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	100468	51.031	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	107854	54.636	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	70744	53.743	ug/l	100
56) Ethyl methacrylate	9.116	69	103856	57.263	ug/l	99
57) 1,3-Dichloropropane	9.311	76	114757	54.002	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	238722	277.184	ug/l	100
59) 2-Hexanone	9.433	43	342961	297.501	ug/l	100
60) Dibromochloromethane	9.518	129	77444	54.645	ug/l	100
61) 1,2-Dibromoethane	9.610	107	76453	55.026	ug/l	99
64) Tetrachloroethene	9.275	164	60854	47.000	ug/l	96
65) Chlorobenzene	10.079	112	181583	49.792	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	69904	52.314	ug/l	98
67) Ethyl Benzene	10.195	91	330967	51.161	ug/l	99
68) m/p-Xylenes	10.299	106	258359	101.988	ug/l	99
69) o-Xylene	10.640	106	126443	51.587	ug/l	99
70) Styrene	10.652	104	215333	53.700	ug/l	100
71) Bromoform	10.799	173	56564	55.211	ug/l #	98
73) Isopropylbenzene	10.963	105	338660	49.235	ug/l	99
74) N-amyl acetate	10.841	43	131668	56.270	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	107947	51.996	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	99822m	54.758	ug/l	
77) Bromobenzene	11.201	156	82747	48.914	ug/l	98
78) n-propylbenzene	11.305	91	394770	50.197	ug/l	100
79) 2-Chlorotoluene	11.366	91	235587	49.322	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	294654	50.992	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30310	54.044	ug/l	98
82) 4-Chlorotoluene	11.451	91	279833	49.993	ug/l	99
83) tert-Butylbenzene	11.713	119	286353	49.784	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	293379	50.918	ug/l	99
85) sec-Butylbenzene	11.890	105	348364	50.624	ug/l	100
86) p-Isopropyltoluene	12.012	119	295792	50.734	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	157416	49.612	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	158016	48.627	ug/l	99
89) n-Butylbenzene	12.335	91	255453	50.860	ug/l	100
90) Hexachloroethane	12.536	117	48117	50.234	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	154385	50.018	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22627	54.626	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	94561	49.700	ug/l	99
94) Hexachlorobutadiene	13.725	225	38438	45.792	ug/l	99
95) Naphthalene	13.774	128	321702	52.265	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	93789	49.156	ug/l	99

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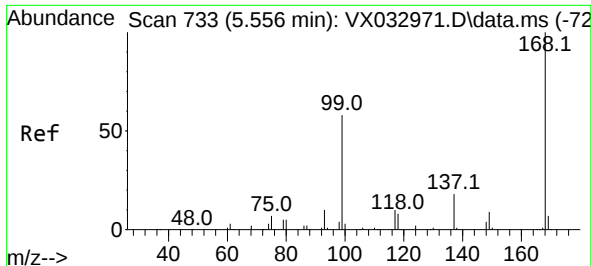
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

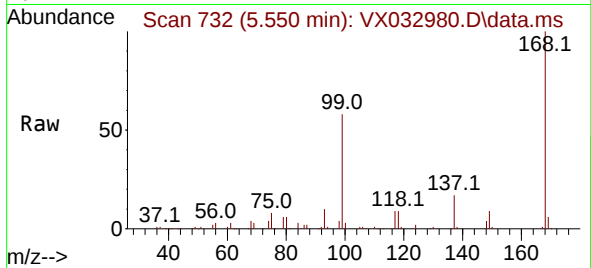
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

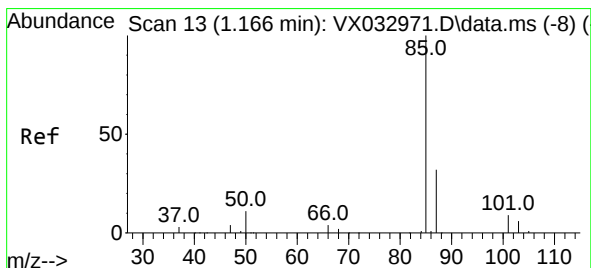
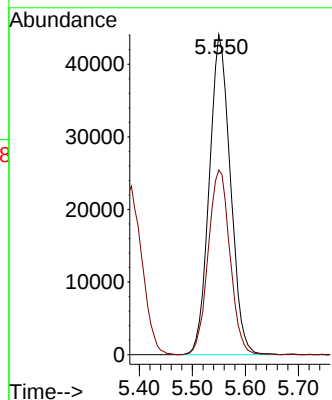
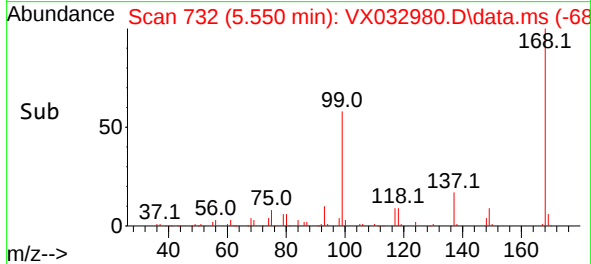
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 121972
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1

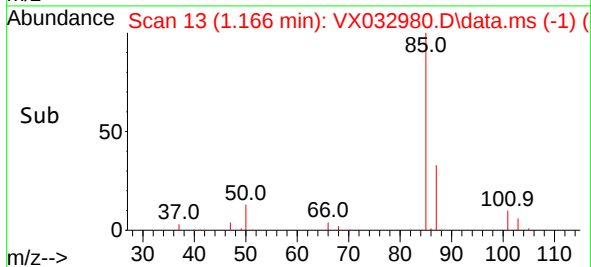
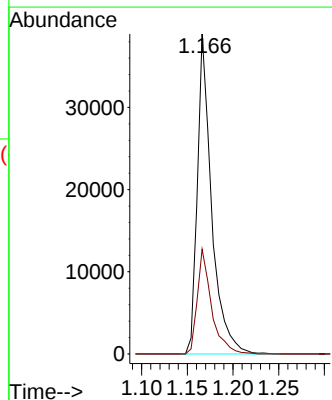
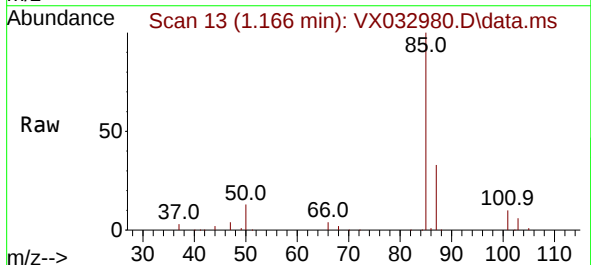
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 45.448 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Tgt Ion: 85 Resp: 42351
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.7





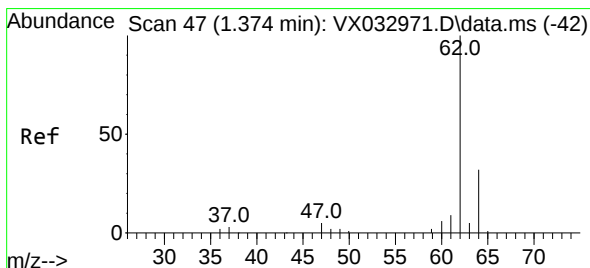
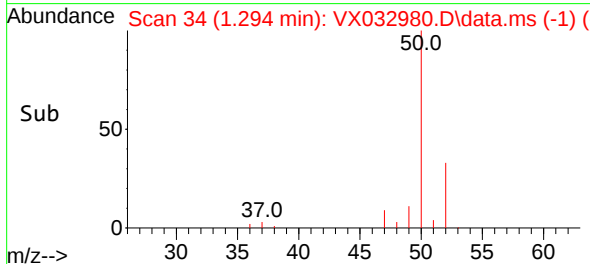
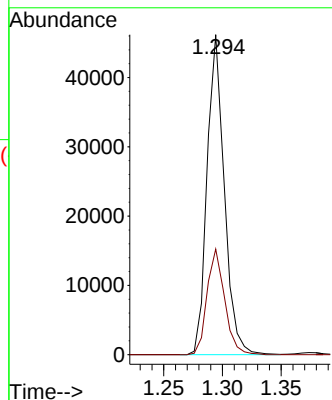
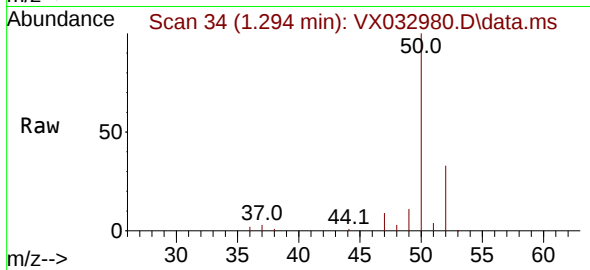
#3
Chloromethane
Concen: 46.932 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 4721
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2

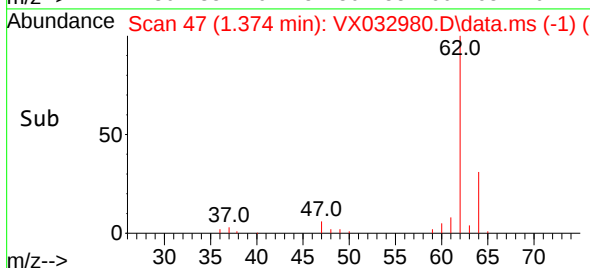
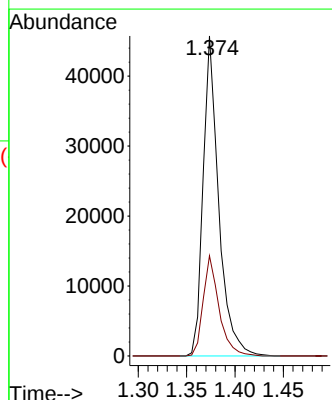
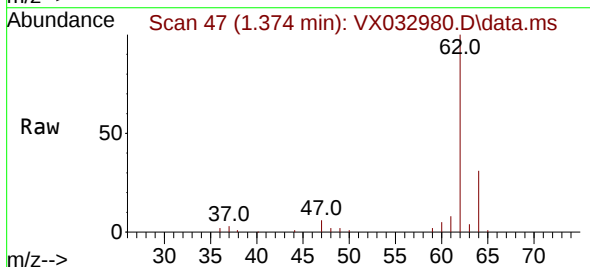
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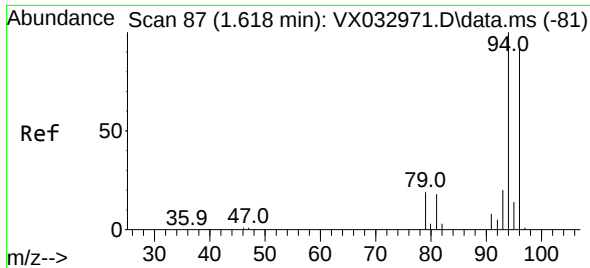
Reviewed By :John Carlone 11/23/2022
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#4
Vinyl Chloride
Concen: 45.892 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

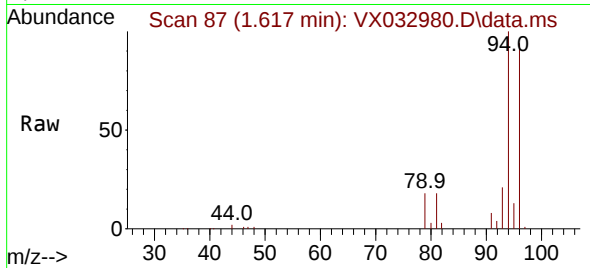
Tgt Ion: 62 Resp: 51404
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 47.501 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

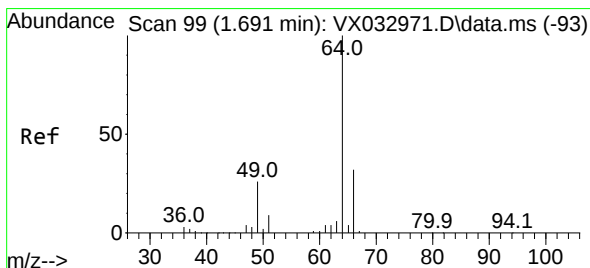
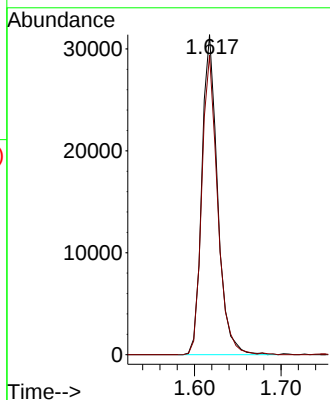
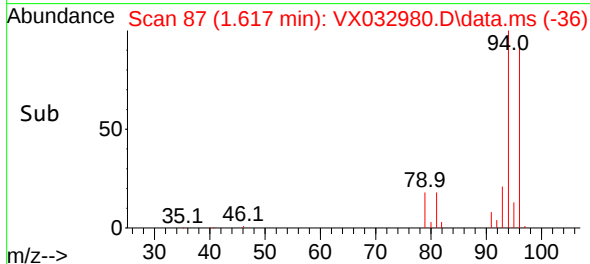
Instrument :
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Tgt Ion: 94 Resp: 3945
Ion Ratio Lower Upper
94 100
96 93.6 77.6 116.4

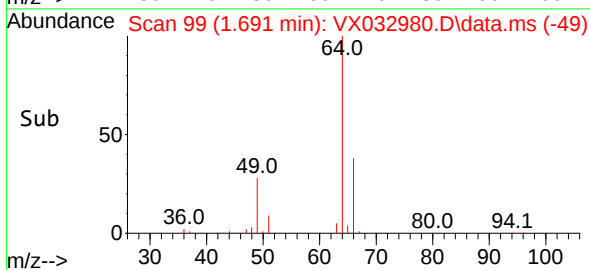
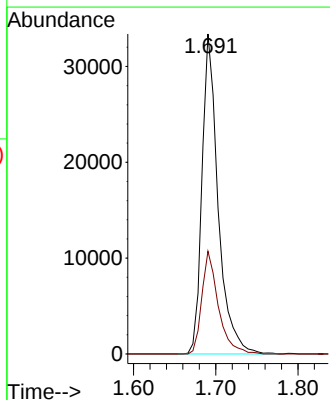
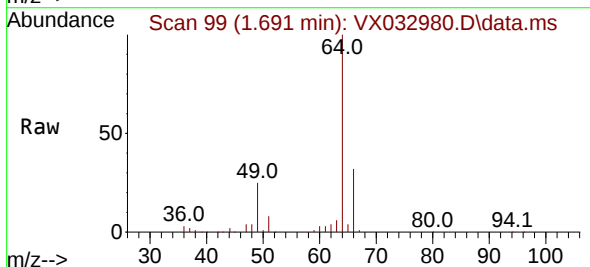
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#6
Chloroethane
Concen: 49.812 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

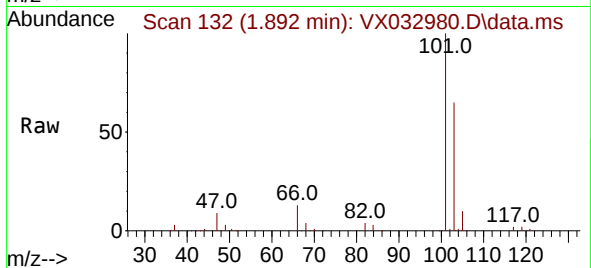
Tgt Ion: 64 Resp: 45423
Ion Ratio Lower Upper
64 100
66 32.1 26.0 39.0





#7
Trichlorofluoromethane
Concen: 48.001 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

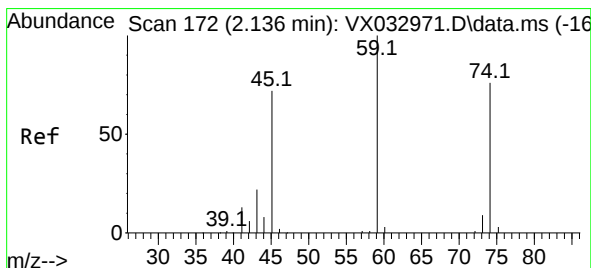
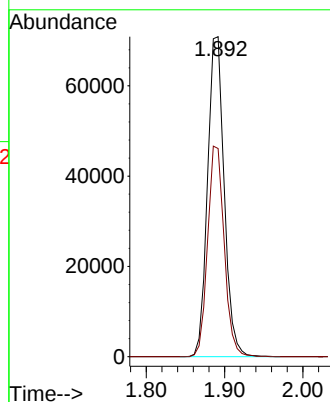
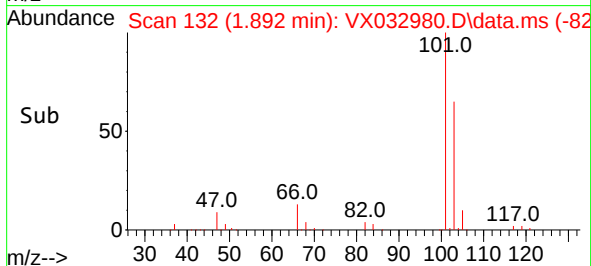
Instrument :
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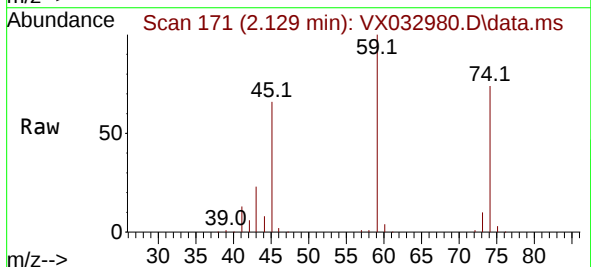
Tgt Ion:101 Resp: 10435
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

Manual Integrations
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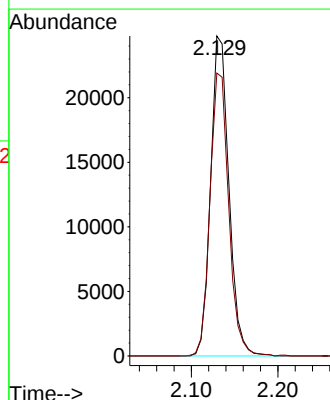
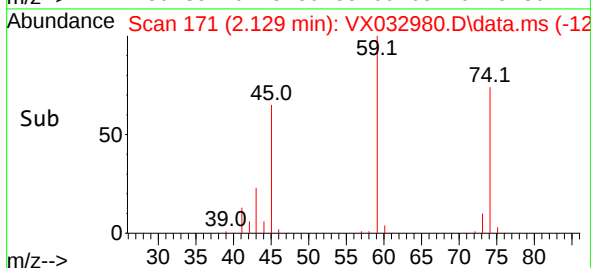
Reviewed By :John Carlone 11/23/2022
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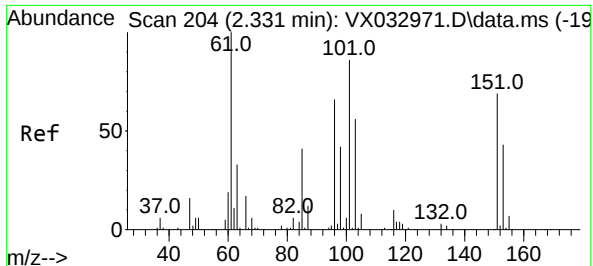


#8
Diethyl Ether
Concen: 53.144 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.001 min
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Acq: 22 Nov 2022 15:31



Tgt Ion: 74 Resp: 36373
Ion Ratio Lower Upper
74 100
45 90.7 46.6 139.7





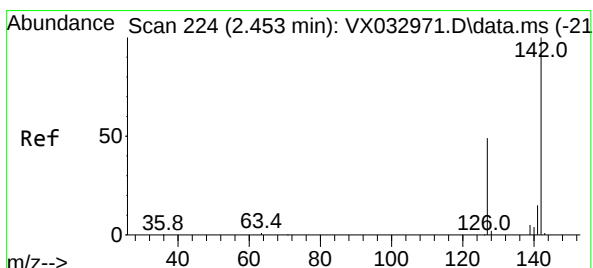
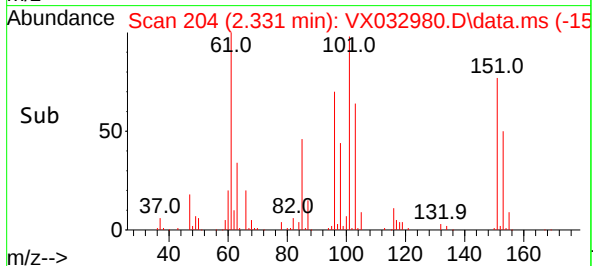
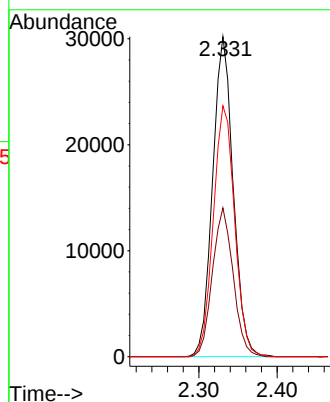
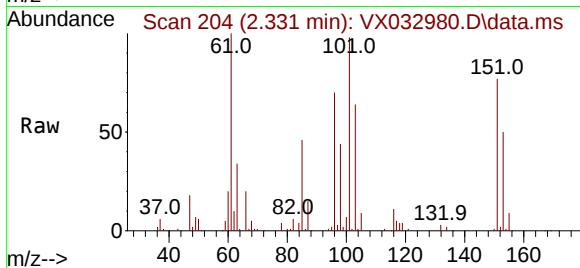
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.288 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 55170
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.4
151 81.2 64.4 96.6

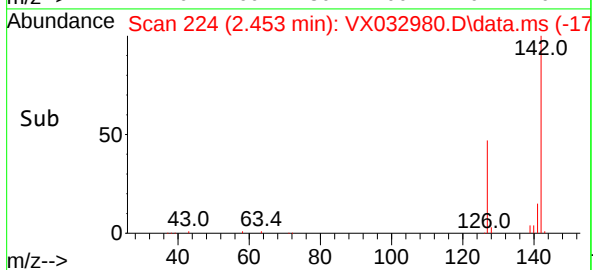
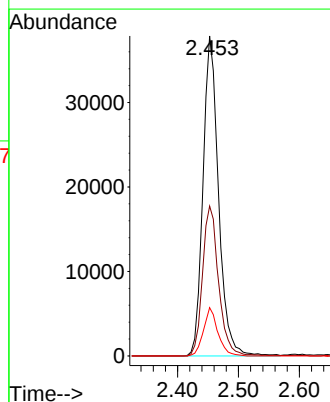
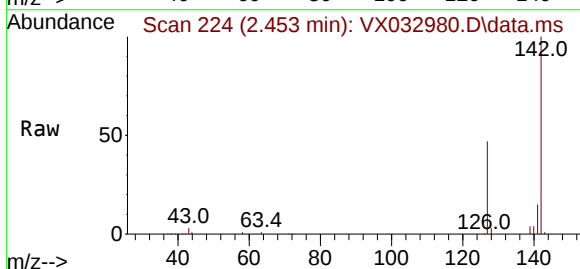
Manual Integrations
APPROVED

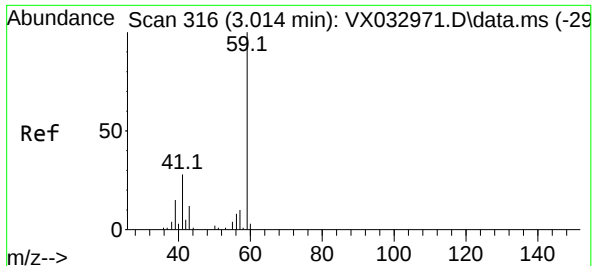
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#10
Methyl Iodide
Concen: 51.411 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

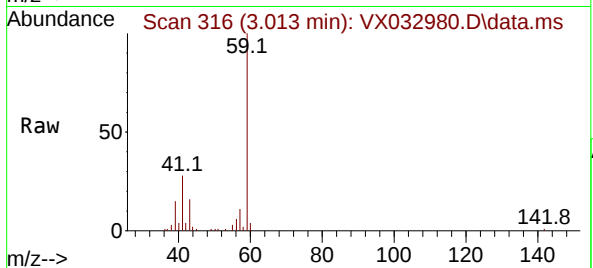
Tgt Ion:142 Resp: 67249
Ion Ratio Lower Upper
142 100
127 48.2 38.6 57.8
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 299.373 ug/l m
RT: 3.013 min Scan# 316
Delta R.T. 0.048 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

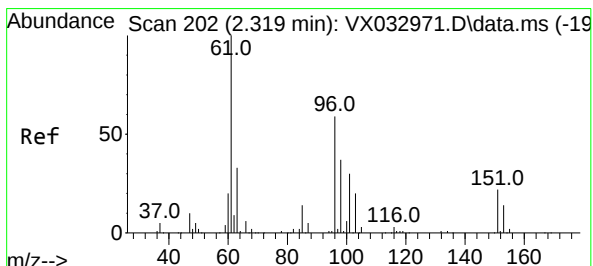
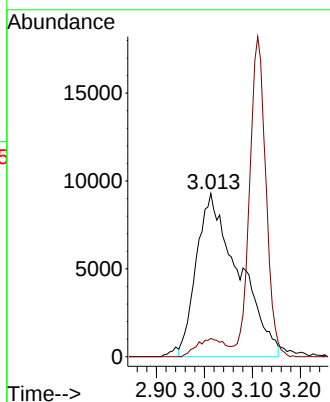
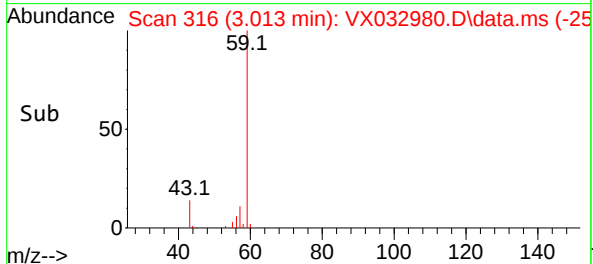
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



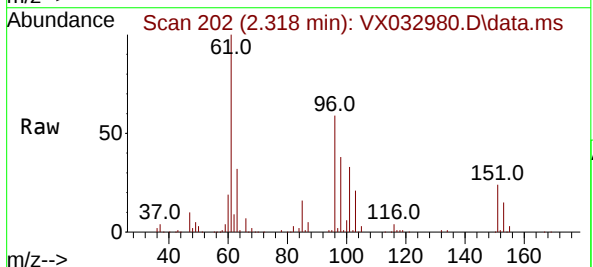
Tgt Ion: 59 Resp: 56370
Ion Ratio Lower Upper
59 100
57 7.6 8.2 12.4

Manual Integrations
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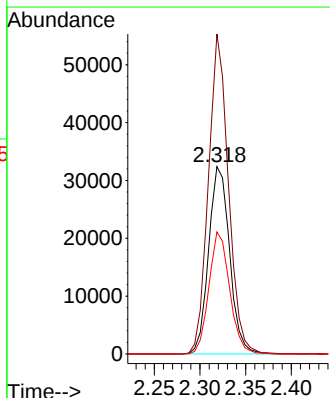
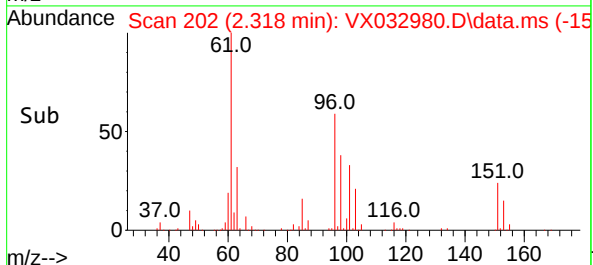
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

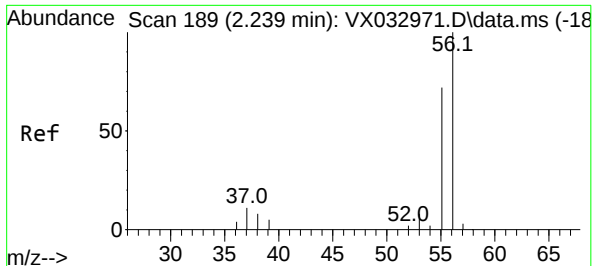


#12
1,1-Dichloroethene
Concen: 48.654 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31



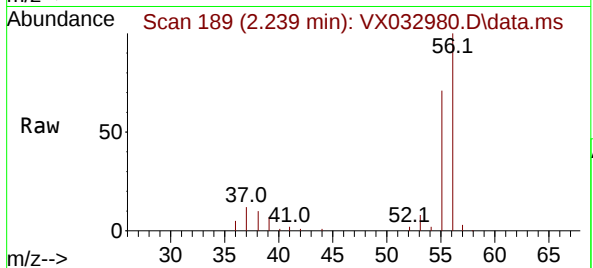
Tgt Ion: 96 Resp: 51788
Ion Ratio Lower Upper
96 100
61 170.8 125.1 187.7
98 65.2 50.6 76.0





#13
Acrolein
Concen: 259.266 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

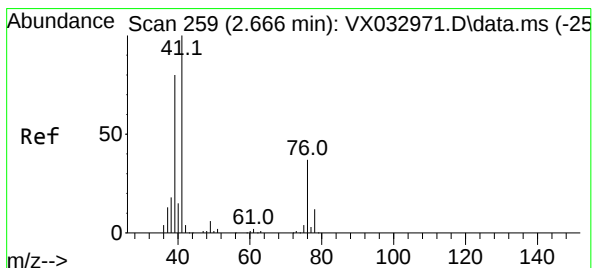
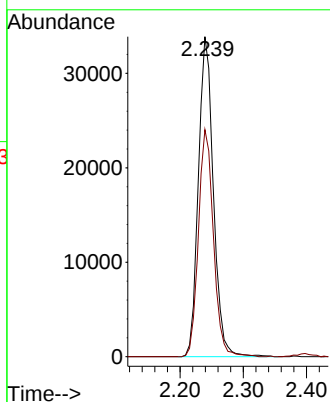
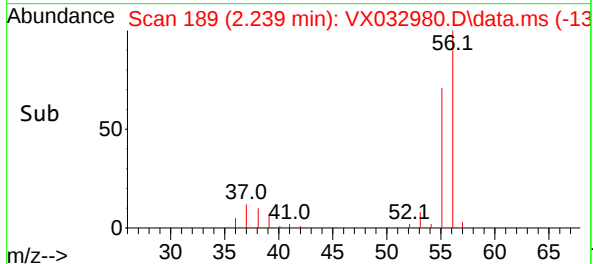
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 56075
Ion Ratio Lower Upper
56 100
55 71.0 56.9 85.3

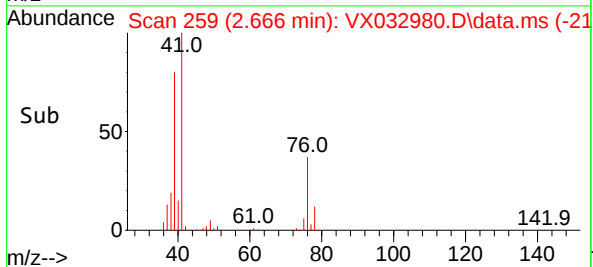
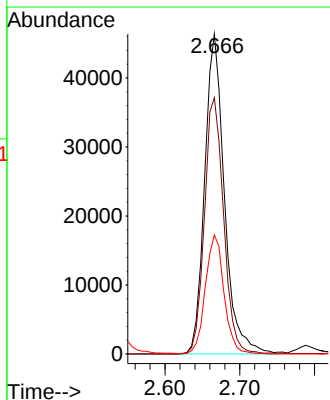
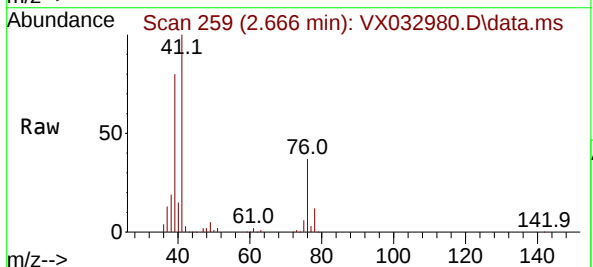
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#14
Allyl chloride
Concen: 49.615 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

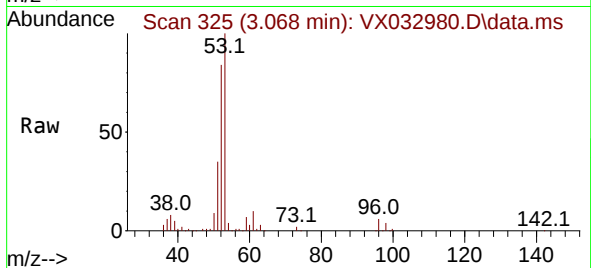
Tgt Ion: 41 Resp: 85260
Ion Ratio Lower Upper
41 100
39 77.9 61.4 92.2
76 35.2 29.2 43.8





#15
Acrylonitrile
Concen: 279.233 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

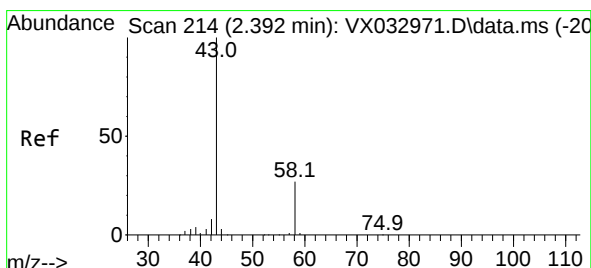
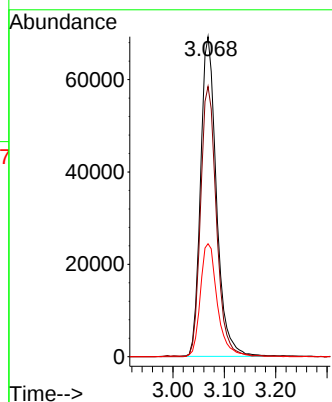
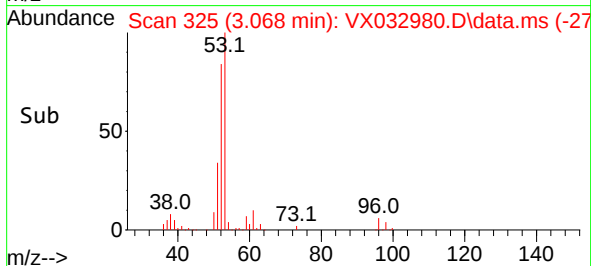
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



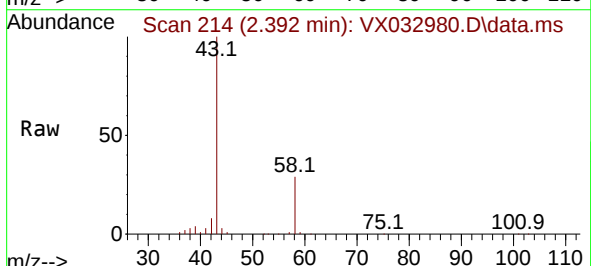
Tgt Ion: 53 Resp: 148715
Ion Ratio Lower Upper
53 100
52 84.5 67.4 101.0
51 37.2 30.3 45.5

Manual Integrations
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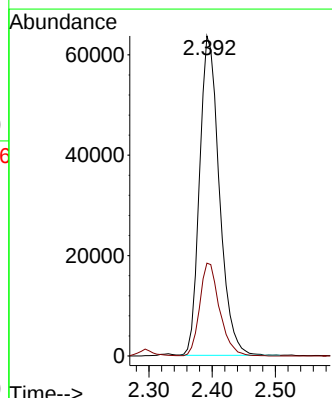
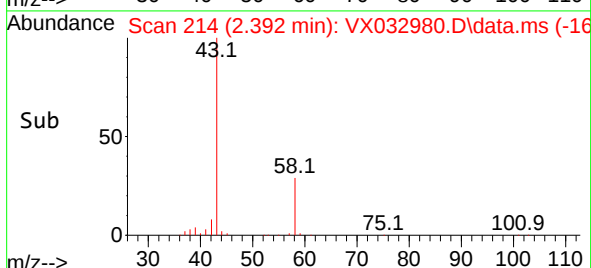
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

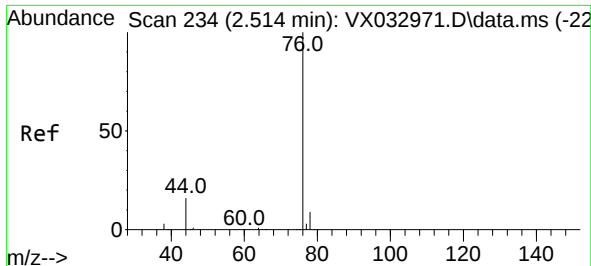


#16
Acetone
Concen: 249.381 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31



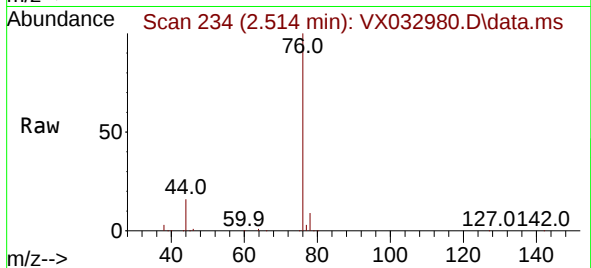
Tgt Ion: 43 Resp: 138341
Ion Ratio Lower Upper
43 100
58 29.1 23.8 35.8





#17
Carbon Disulfide
Concen: 44.917 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

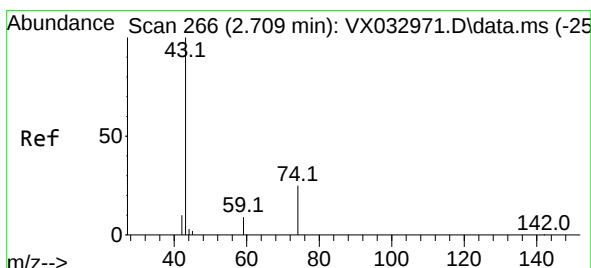
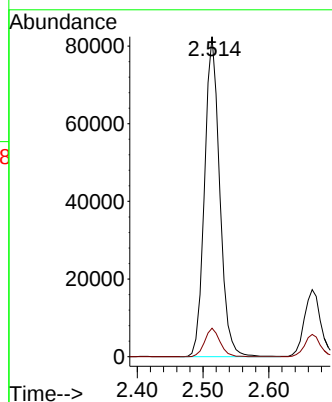
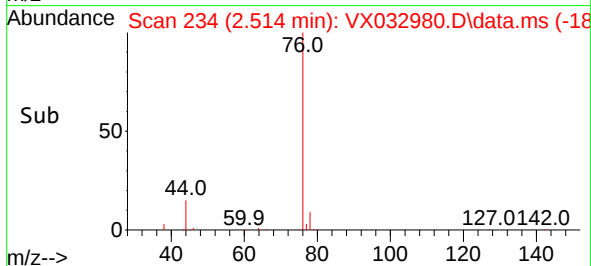
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 132089
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

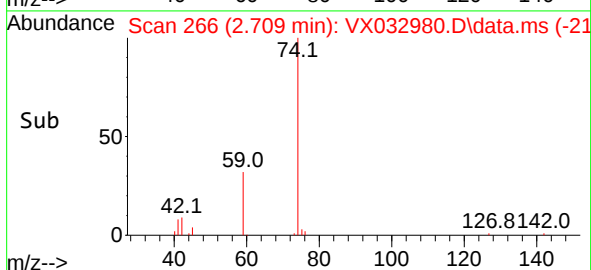
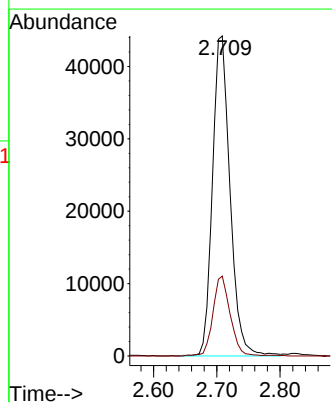
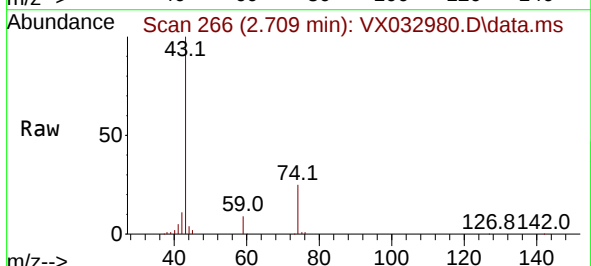
Manual Integrations
APPROVED

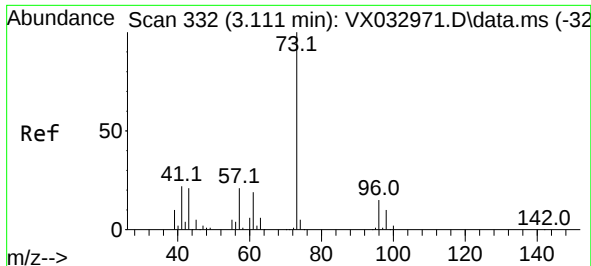
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#18
Methyl Acetate
Concen: 55.504 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Tgt Ion: 43 Resp: 85231
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.0





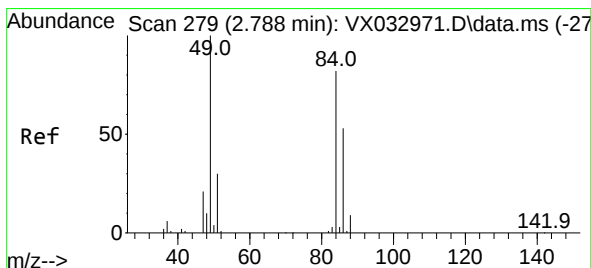
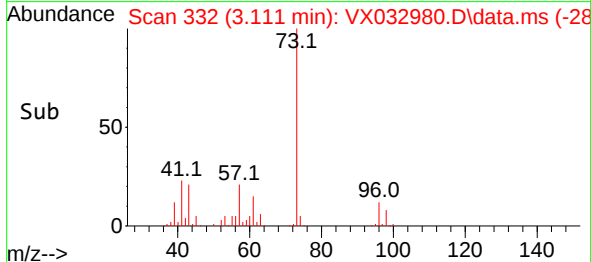
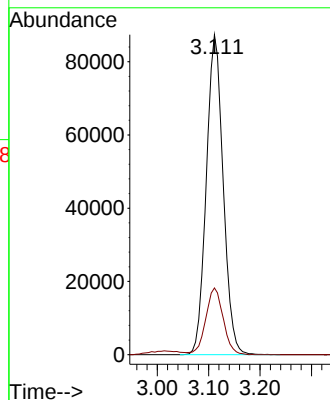
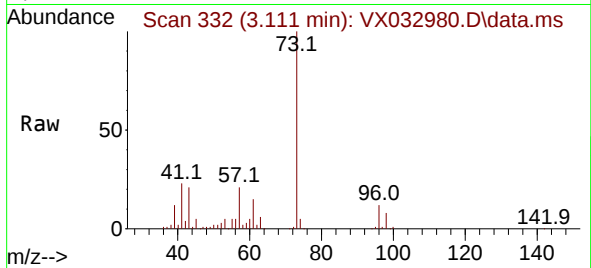
#19
Methyl tert-butyl Ether
Concen: 53.947 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 19914
Ion Ratio Lower Upper
73 100
57 20.8 16.6 25.0

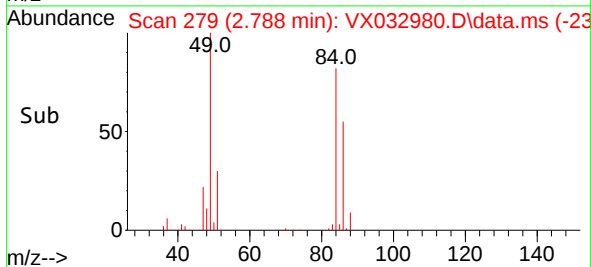
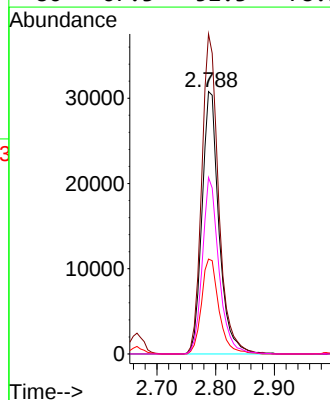
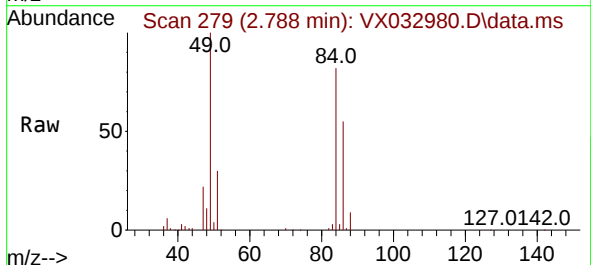
Manual Integrations
APPROVED

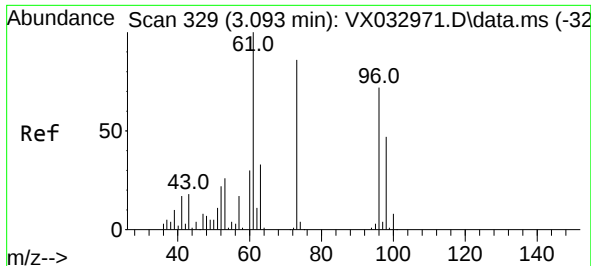
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#20
Methylene Chloride
Concen: 53.588 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

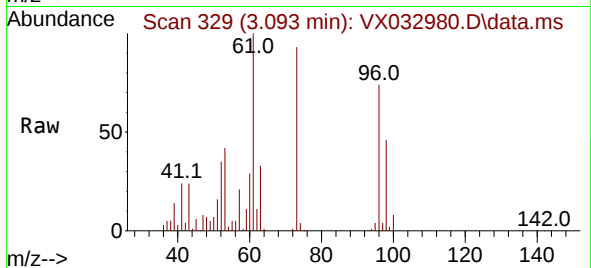
Tgt Ion: 84 Resp: 61748
Ion Ratio Lower Upper
84 100
49 122.0 101.0 151.6
51 36.1 31.1 46.7
86 67.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 48.551 ug/l
RT: 3.093 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

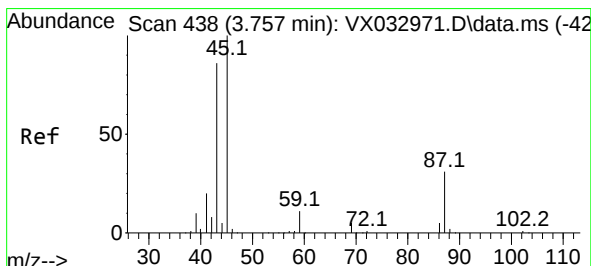
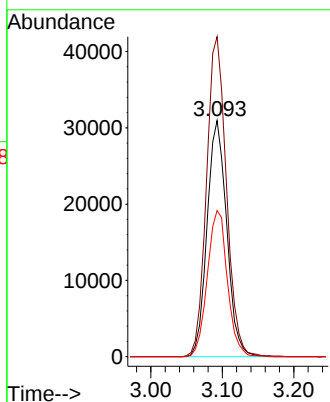
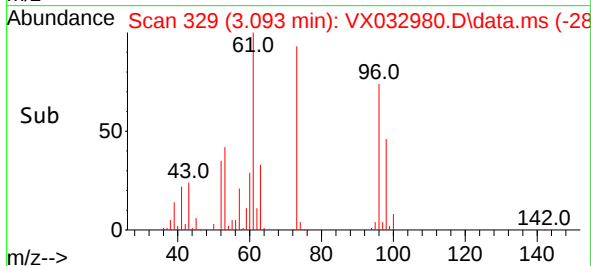
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5911
Ion Ratio Lower Upper
96 100
61 135.5 106.6 160.0
98 61.8 51.0 76.6

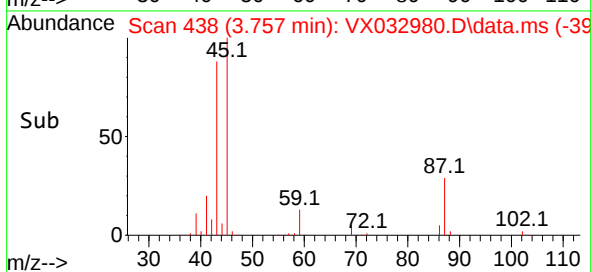
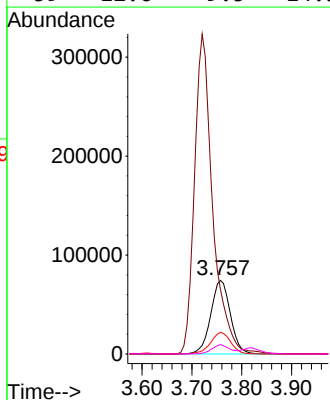
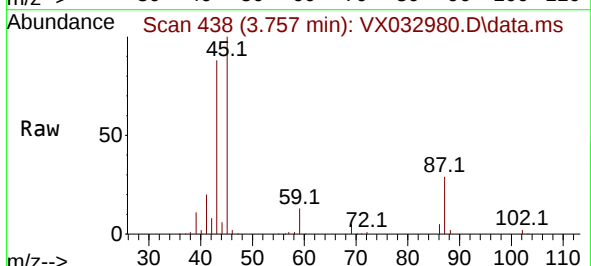
Manual Integrations
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Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#22
Diisopropyl ether
Concen: 54.302 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Tgt Ion: 45 Resp: 203190
Ion Ratio Lower Upper
45 100
43 87.0 56.4 84.6#
87 29.4 24.4 36.6
59 12.6 9.5 14.3





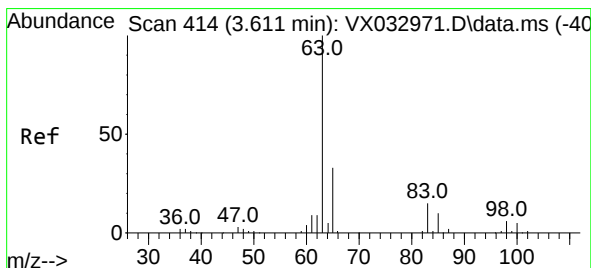
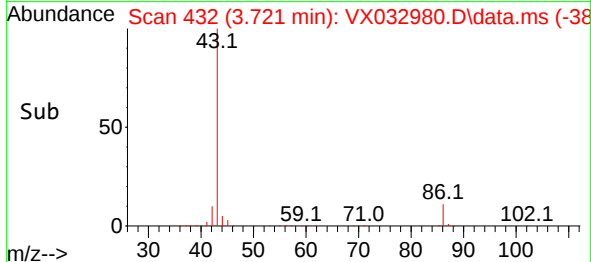
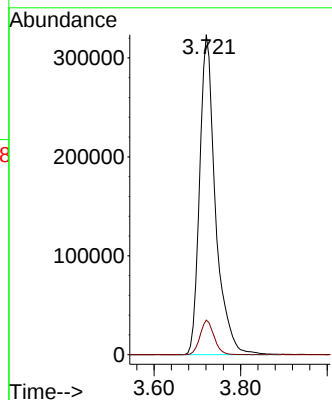
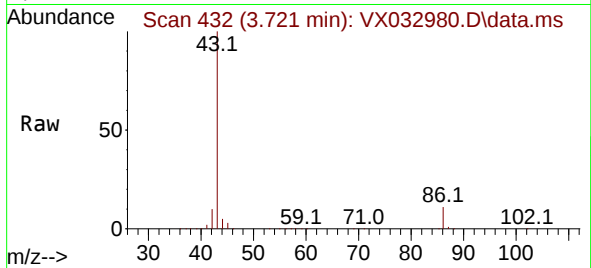
#23
 Vinyl Acetate
 Concen: 280.207 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032980.D
 Acq: 22 Nov 2022 15:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 820720
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8

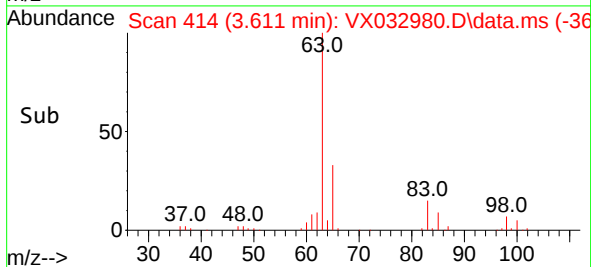
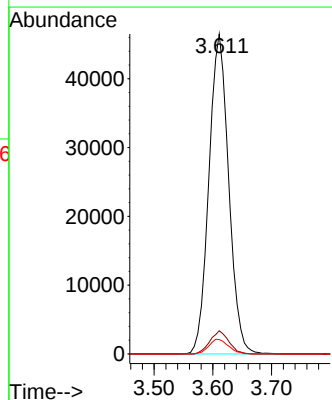
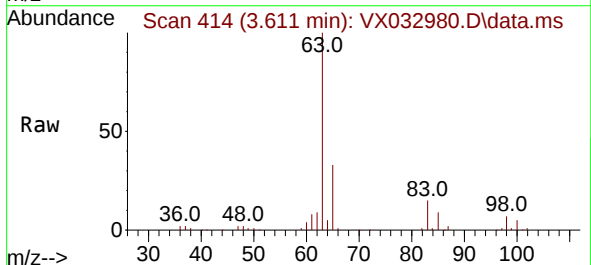
Manual Integrations
 APPROVED

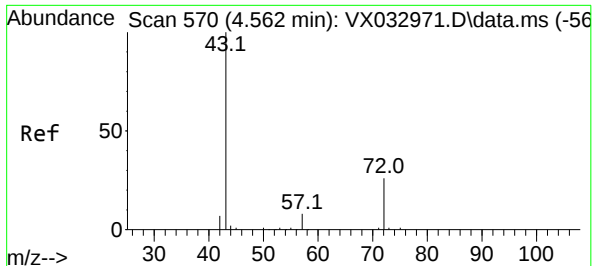
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#24
 1,1-Dichloroethane
 Concen: 50.804 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX032980.D
 Acq: 22 Nov 2022 15:31

Tgt Ion: 63 Resp: 108783
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 4.5 2.3 6.8





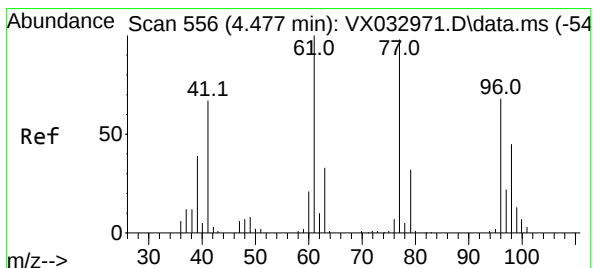
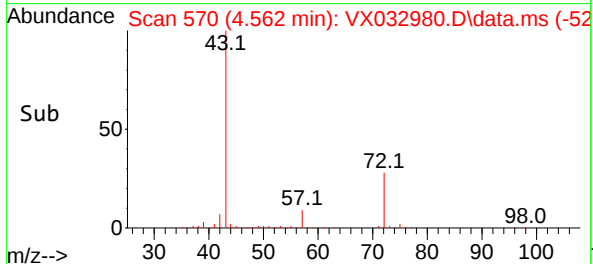
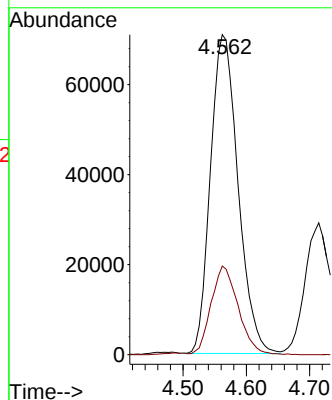
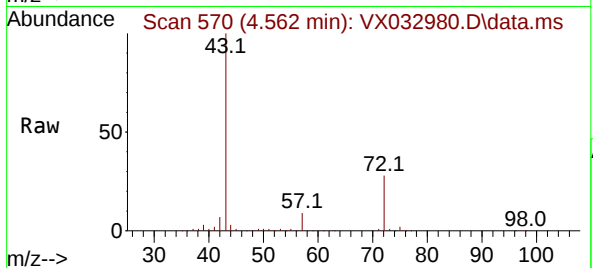
#25
2-Butanone
Concen: 280.799 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 21479
Ion Ratio Lower Upper
43 100
72 27.6 22.2 33.2

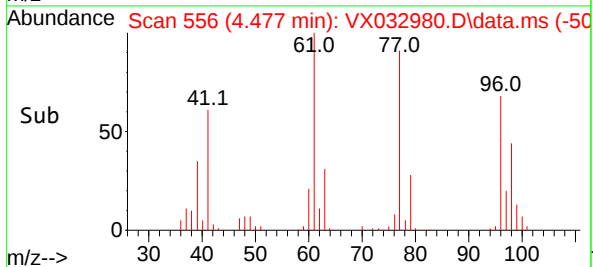
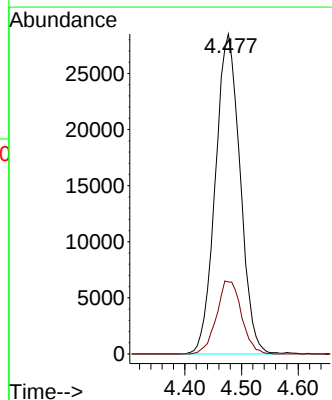
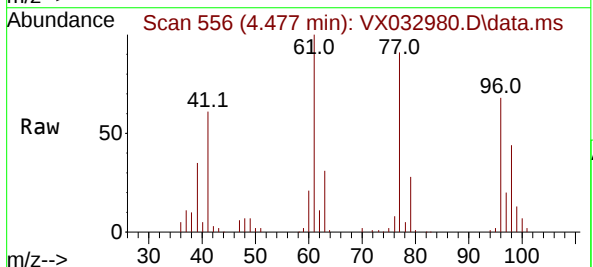
Manual Integrations
APPROVED

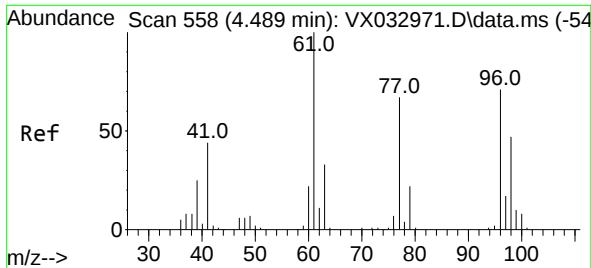
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#26
2,2-Dichloropropane
Concen: 50.136 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

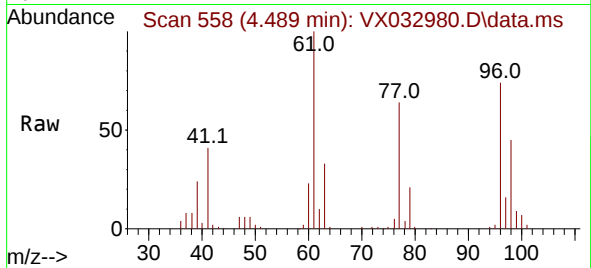
Tgt Ion: 77 Resp: 86318
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 51.151 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX032980.D
 Acq: 22 Nov 2022 15:31

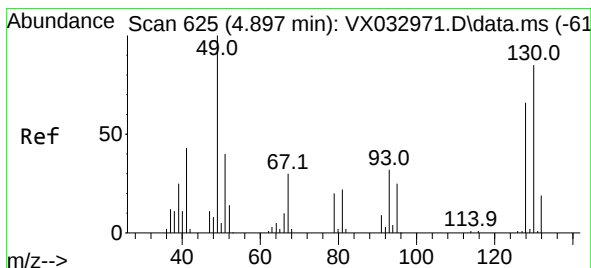
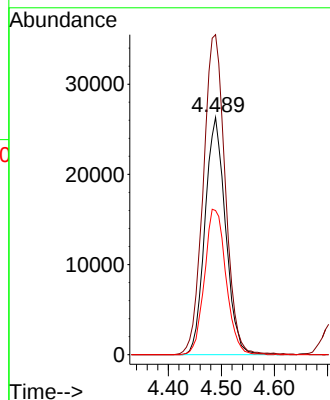
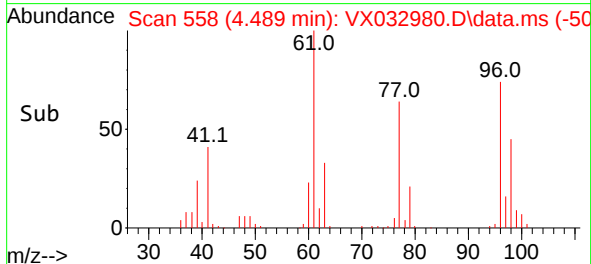
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 70762
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 286.0
 98 64.1 0.0 129.6

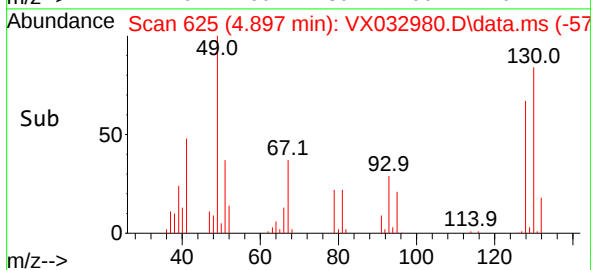
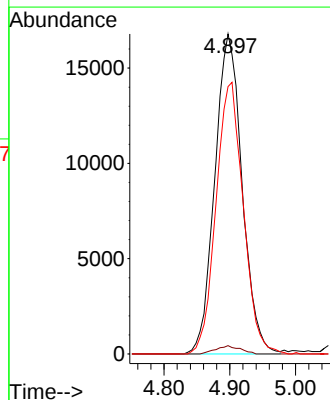
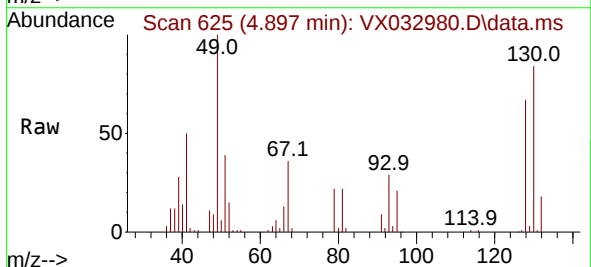
Manual Integrations
 APPROVED

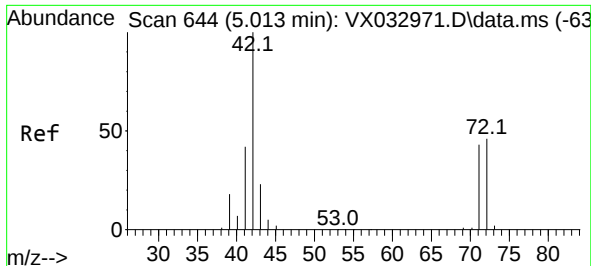
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#28
 Bromochloromethane
 Concen: 51.520 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.007 min
 Lab File: VX032980.D
 Acq: 22 Nov 2022 15:31

Tgt Ion: 49 Resp: 48473
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 84.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 288.626 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

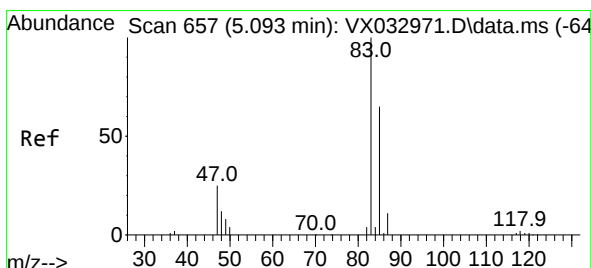
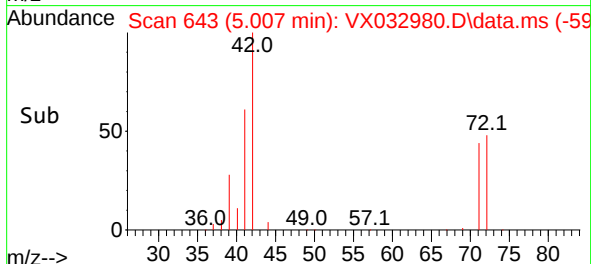
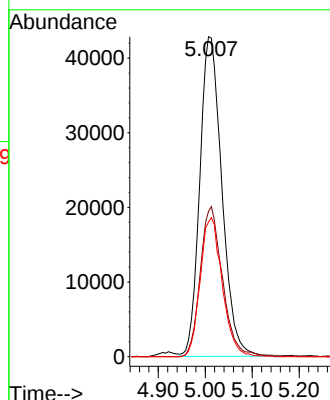
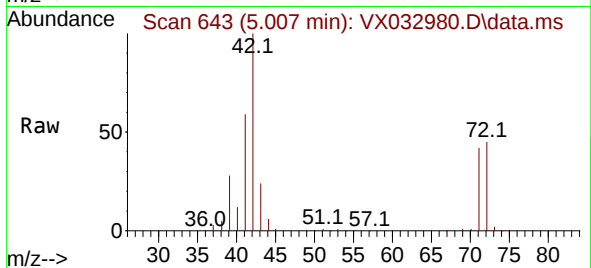
Tgt Ion: 42 Resp: 140094
 Ion Ratio Lower Upper
 42 100
 72 47.1 37.6 56.4
 71 43.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#30

Chloroform

Concen: 51.755 ug/l

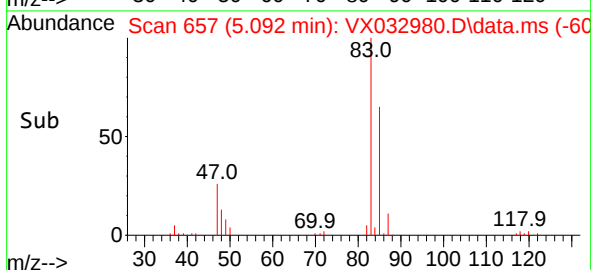
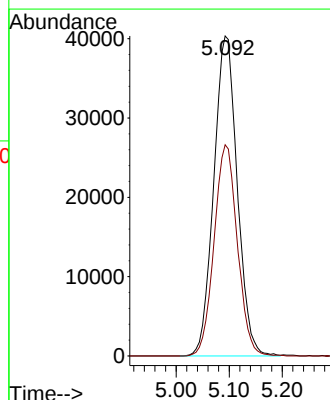
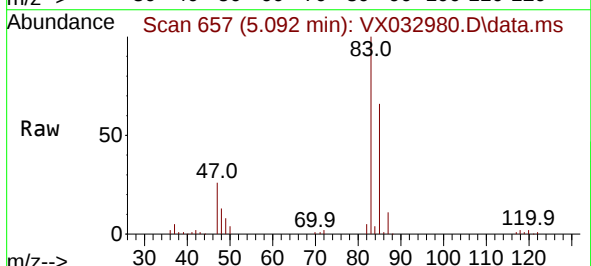
RT: 5.092 min Scan# 657

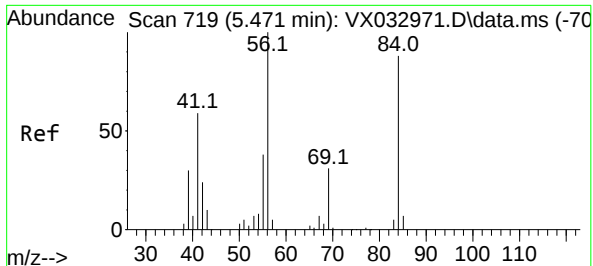
Delta R.T. -0.007 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

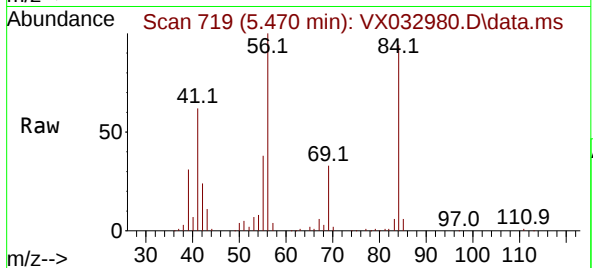
Tgt Ion: 83 Resp: 124118
 Ion Ratio Lower Upper
 83 100
 85 66.0 51.1 76.7





#31
Cyclohexane
Concen: 48.850 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

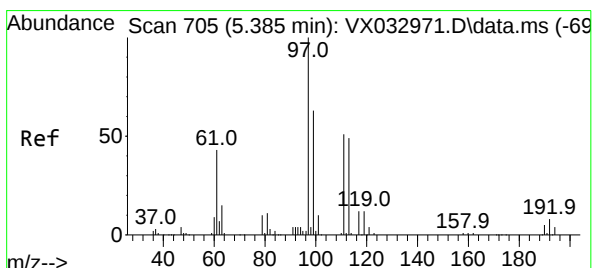
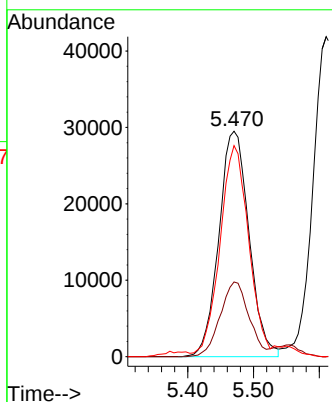
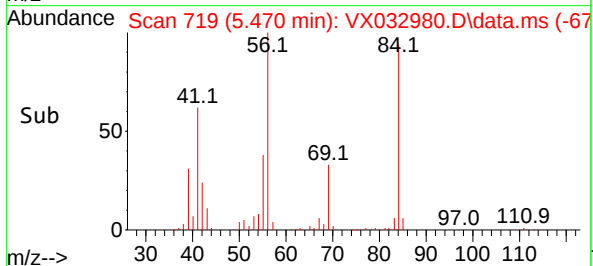
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 94019
Ion Ratio Lower Upper
56 100
69 33.2 24.1 36.1
84 91.6 66.9 100.3

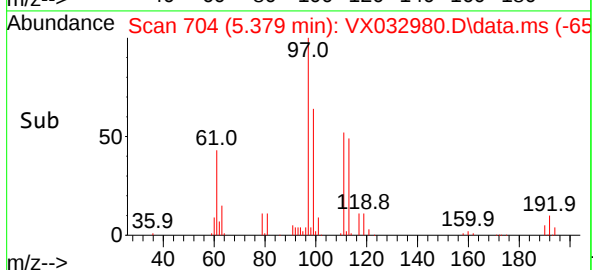
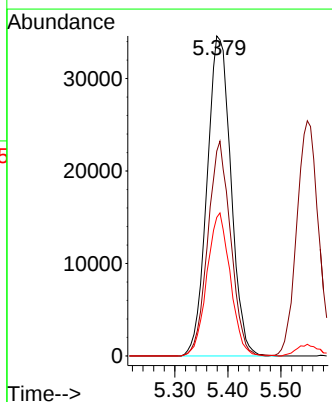
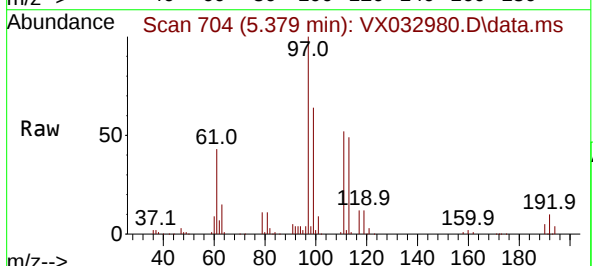
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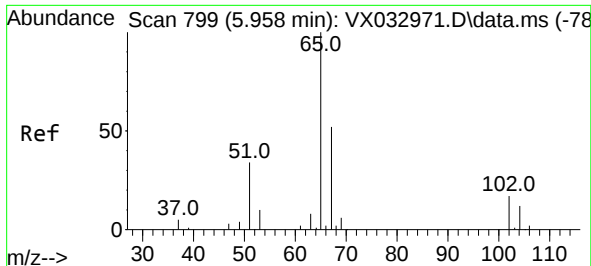
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#32
1,1,1-Trichloroethane
Concen: 50.351 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Tgt Ion: 97 Resp: 108139
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 43.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 54.426 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6453

Ion Ratio Lower Upper

65 100

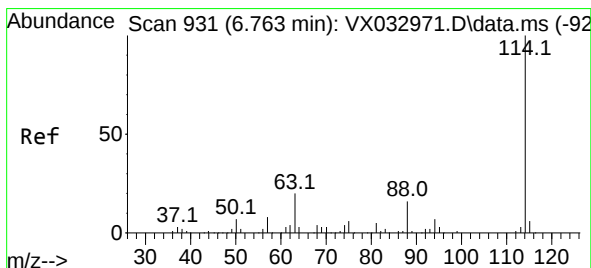
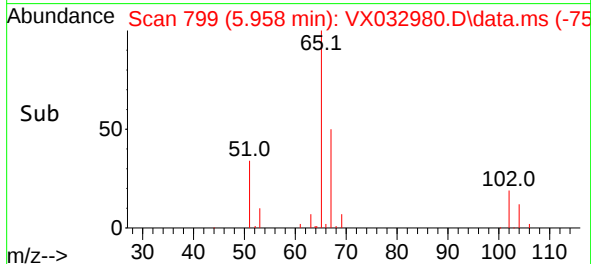
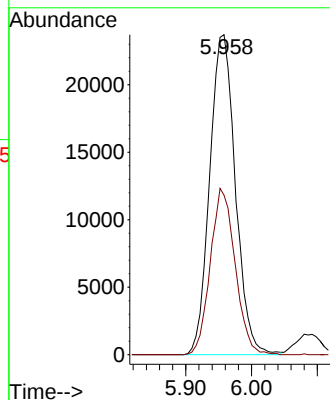
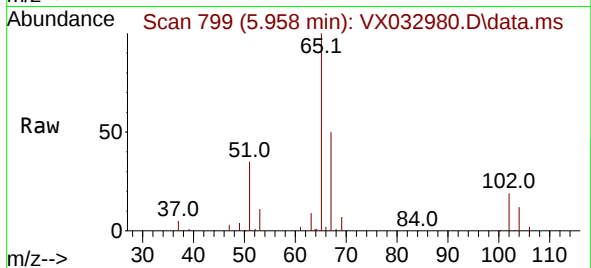
67 50.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

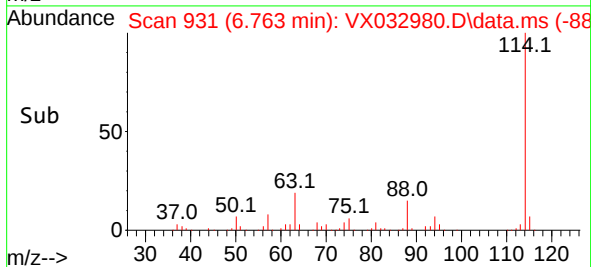
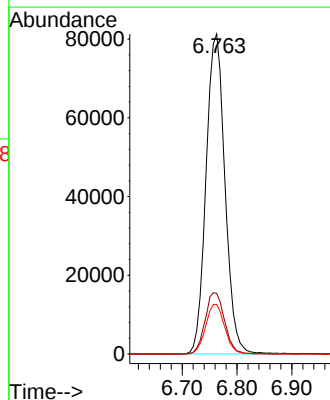
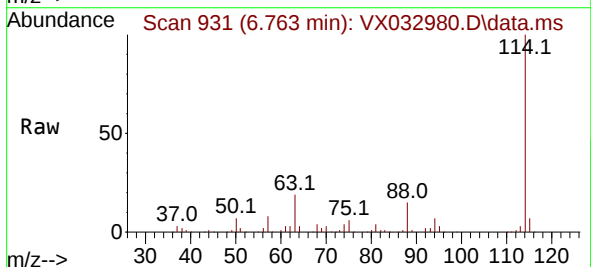
Tgt Ion:114 Resp: 194443

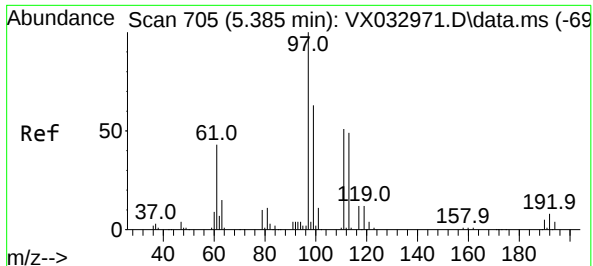
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.338 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 52988

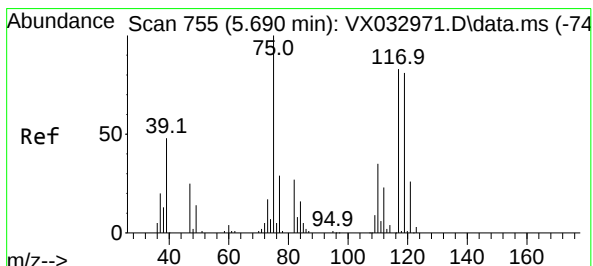
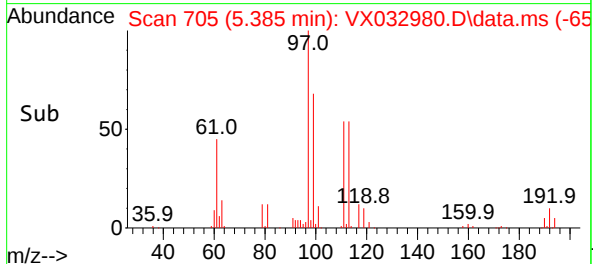
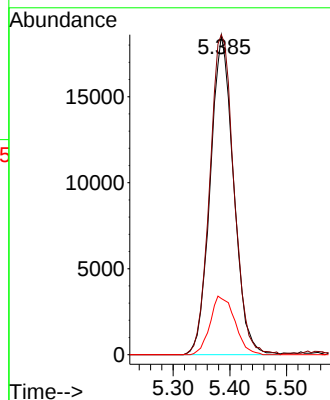
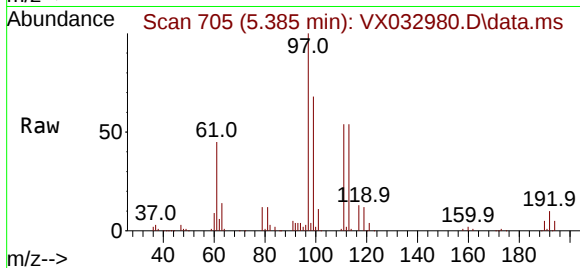
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.4	123.6
192	19.4	15.4	23.2

Manual Integrations

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Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#36

1,1-Dichloropropene

Concen: 48.462 ug/l

RT: 5.690 min Scan# 755

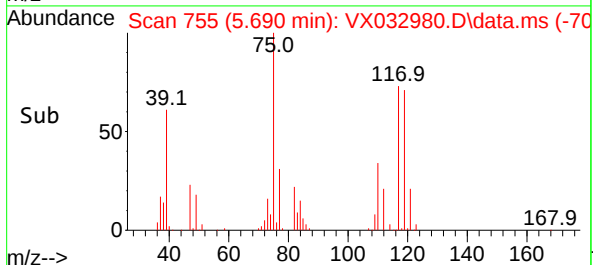
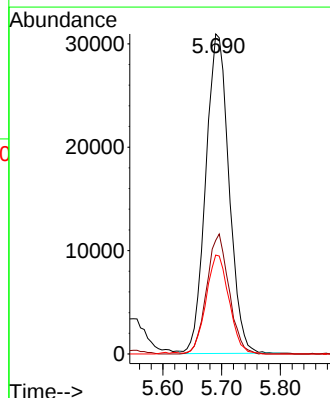
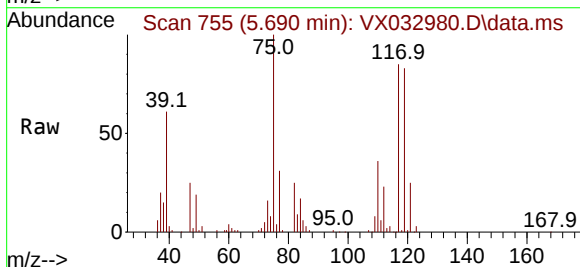
Delta R.T. -0.006 min

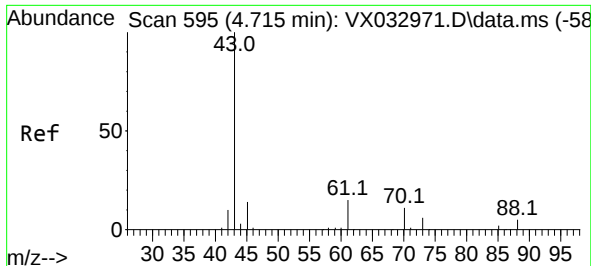
Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Tgt Ion: 75 Resp: 84943

Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.4	55.2
77	30.7	24.5	36.7





#37

Ethyl Acetate

Concen: 56.536 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

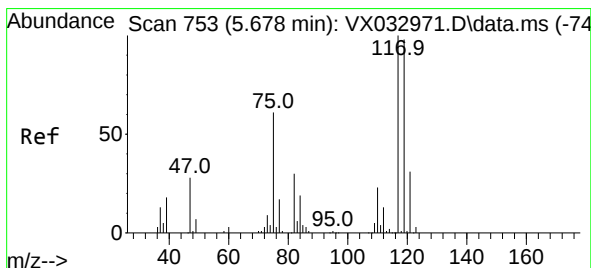
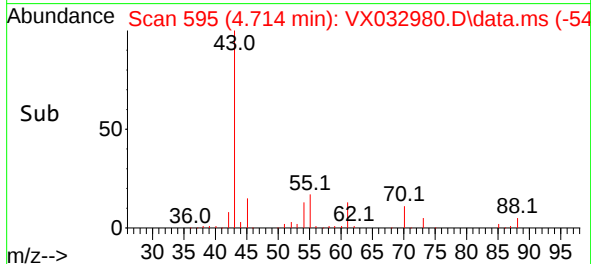
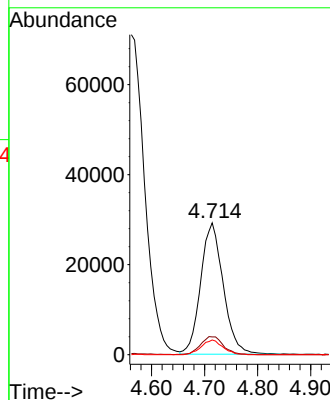
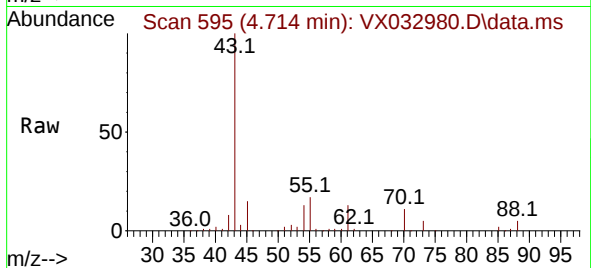
VSTDCCC050

Tgt Ion: 43	Resp: 86454
Ion Ratio	Lower Upper
43 100	
61 14.0	11.5 17.3
70 10.6	9.1 13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#38

Carbon Tetrachloride

Concen: 48.488 ug/l

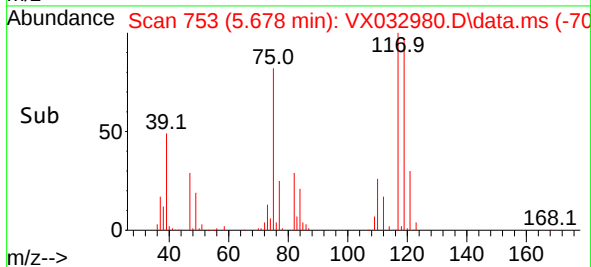
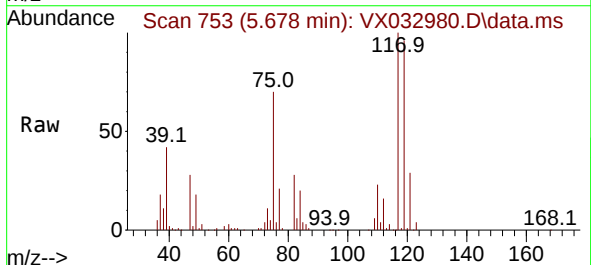
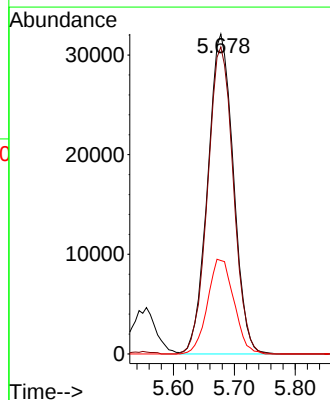
RT: 5.678 min Scan# 753

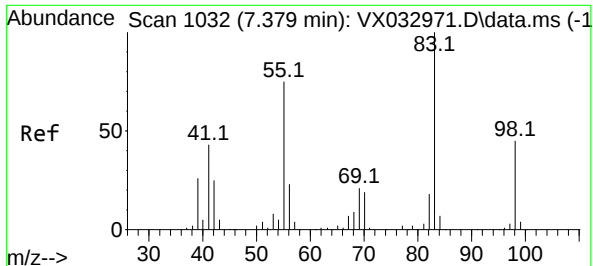
Delta R.T. -0.006 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Tgt Ion: 117	Resp: 94282
Ion Ratio	Lower Upper
117 100	
119 95.9	77.2 115.8
121 29.2	25.8 38.6





#39

Methylcyclohexane

Concen: 49.477 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

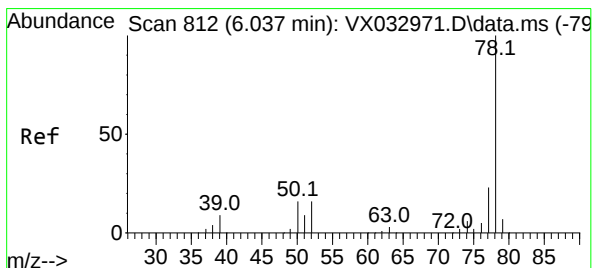
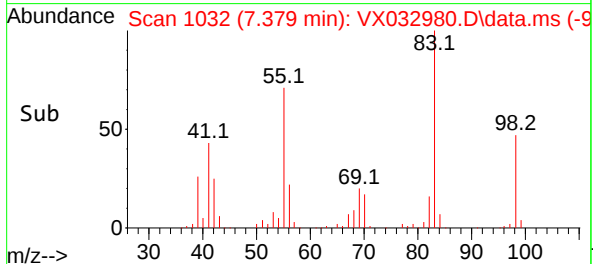
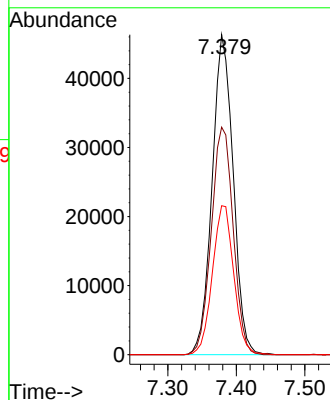
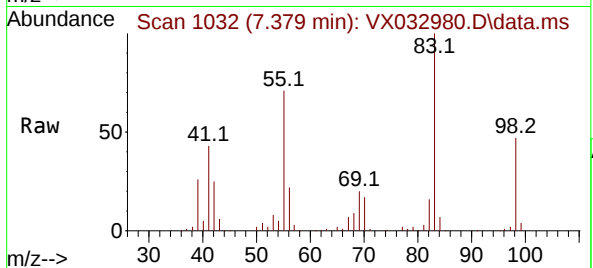
Tgt Ion: 83 Resp: 98948
 Ion Ratio Lower Upper
 83 100
 55 71.1 58.4 87.6
 98 46.6 37.2 55.8

Manual Integrations

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Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#40

Benzene

Concen: 50.561 ug/l

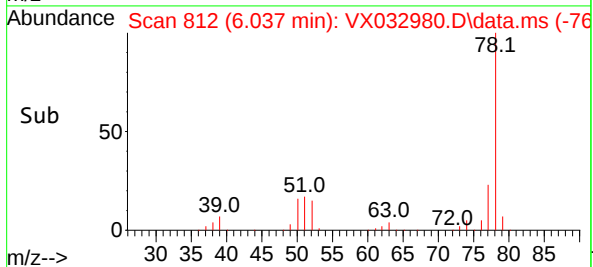
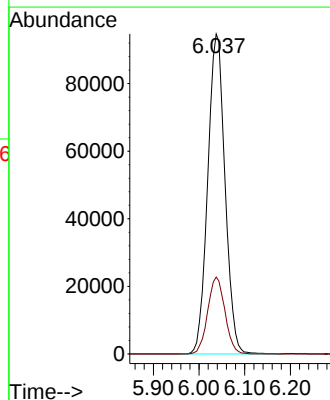
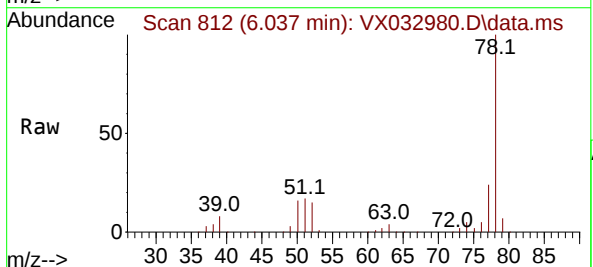
RT: 6.037 min Scan# 812

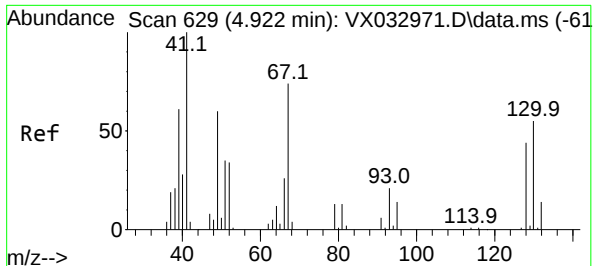
Delta R.T. 0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

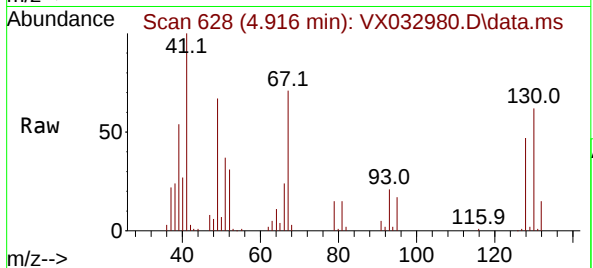
Tgt Ion: 78 Resp: 248475
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 56.696 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

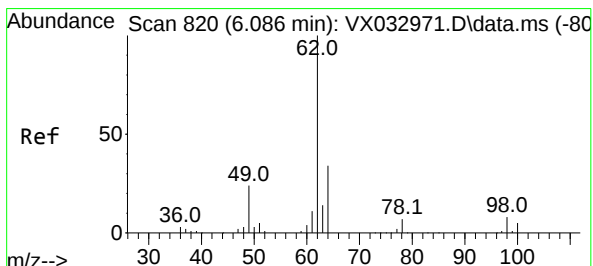
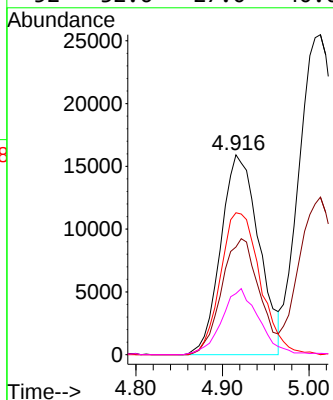
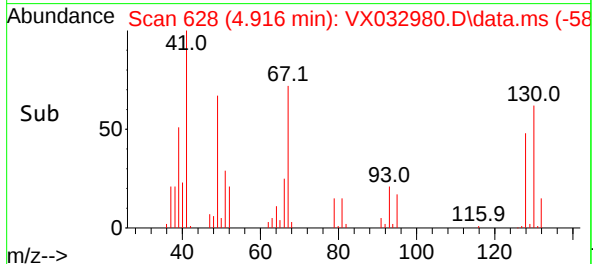
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 48784
Ion Ratio Lower Upper
41 100
39 57.2 47.5 71.3
67 73.9 60.5 90.7
52 32.6 27.0 40.6

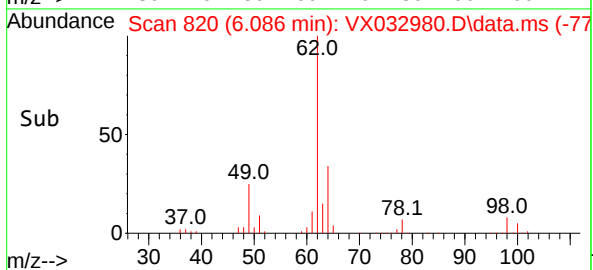
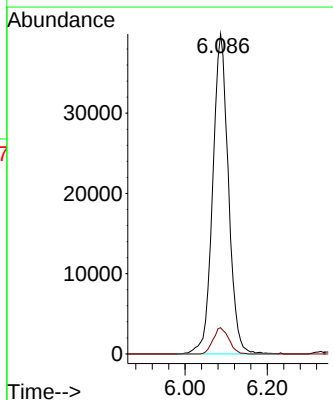
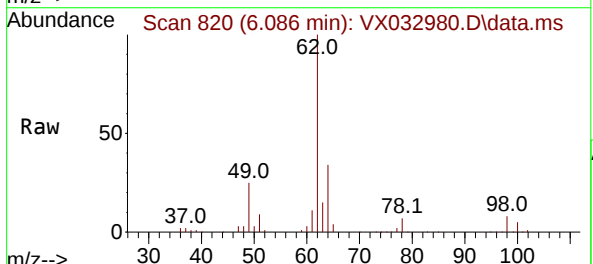
Manual Integrations
APPROVED

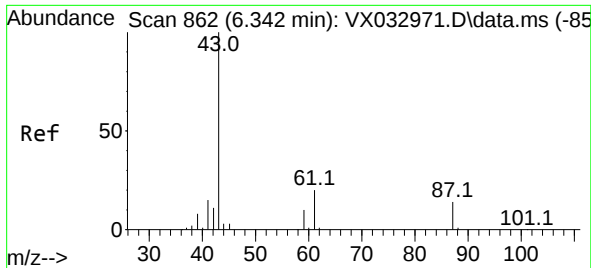
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#42
1,2-Dichloroethane
Concen: 53.426 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

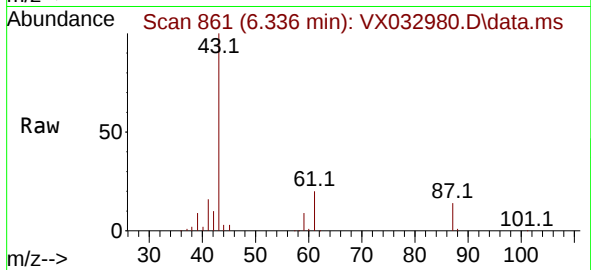
Tgt Ion: 62 Resp: 105715
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 55.949 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

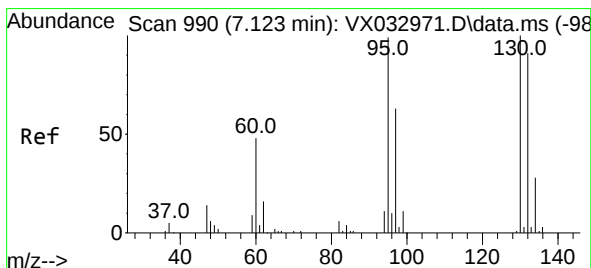
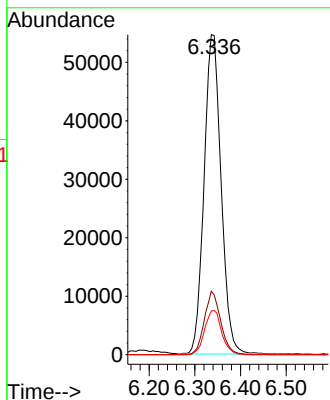
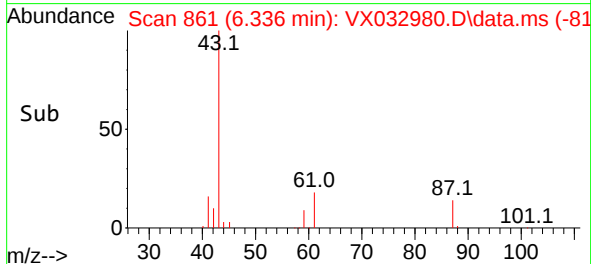
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 14149
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0
87 13.8 10.8 16.2

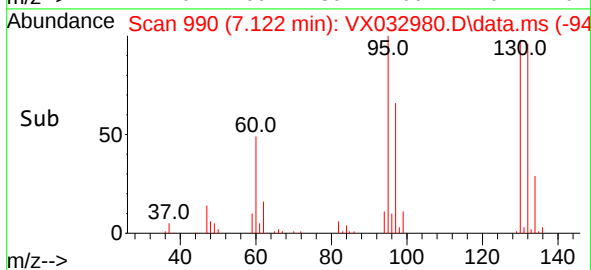
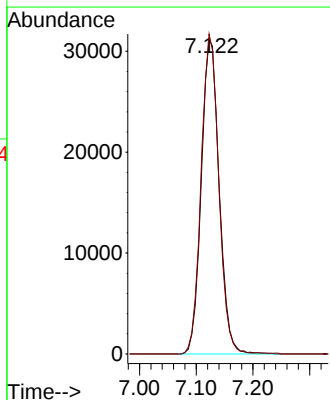
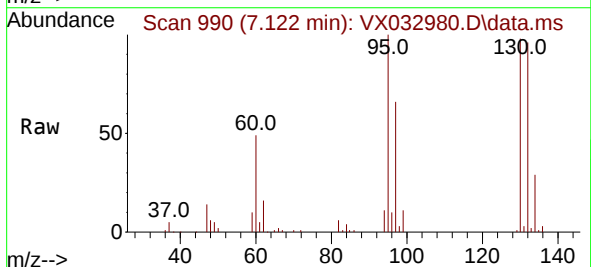
Manual Integrations
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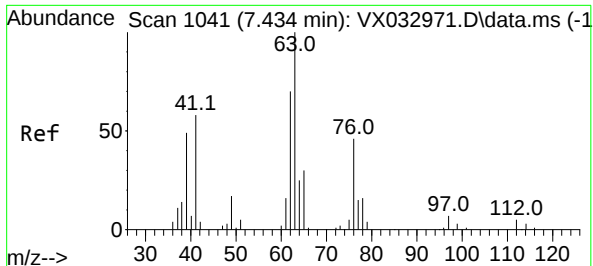
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#44
Trichloroethene
Concen: 49.403 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.007 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Tgt Ion:130 Resp: 68128
Ion Ratio Lower Upper
130 100
95 101.8 0.0 195.2





#45

1,2-Dichloropropane

Concen: 52.971 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6433

Ion Ratio Lower Upper

63 100

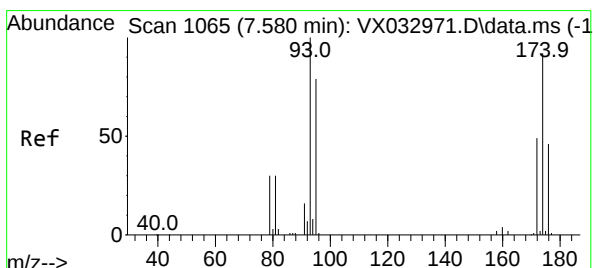
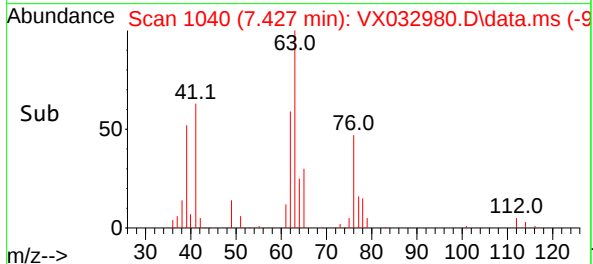
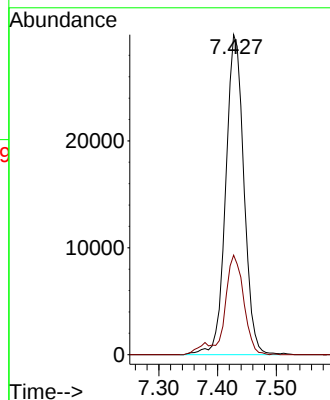
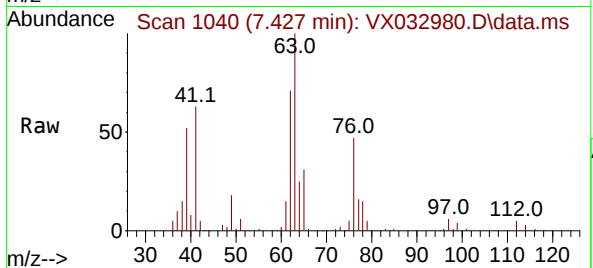
65 31.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#46

Dibromomethane

Concen: 52.516 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

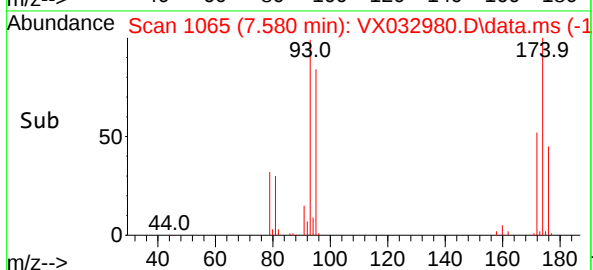
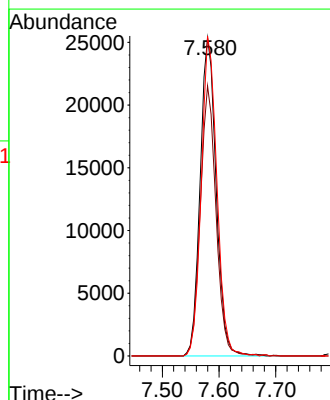
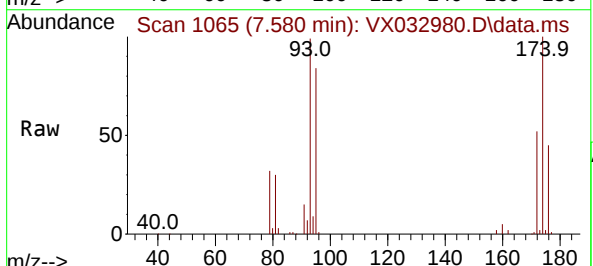
Tgt Ion: 93 Resp: 49767

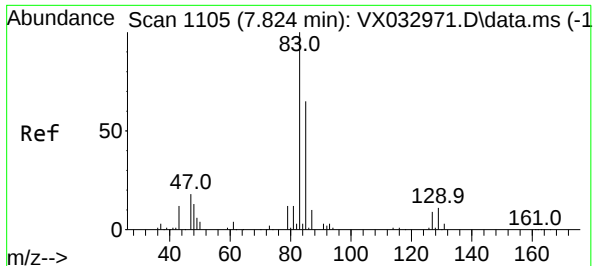
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 98.0 79.8 119.6





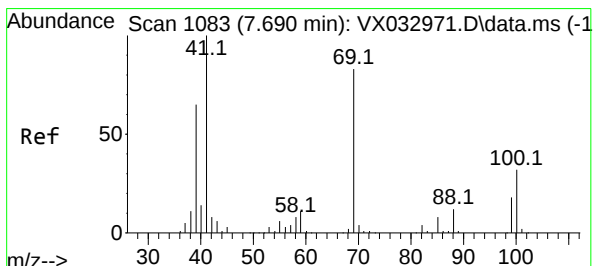
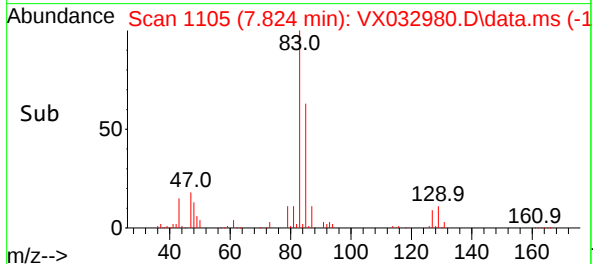
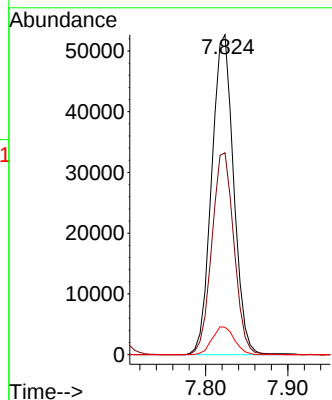
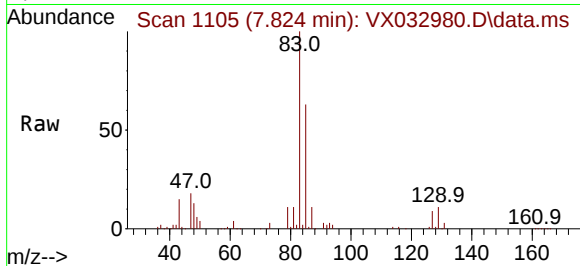
#47
Bromodichloromethane
Concen: 53.339 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 97670
Ion Ratio Lower Upper
83 100
85 63.1 52.2 78.4
127 8.5 7.4 11.2

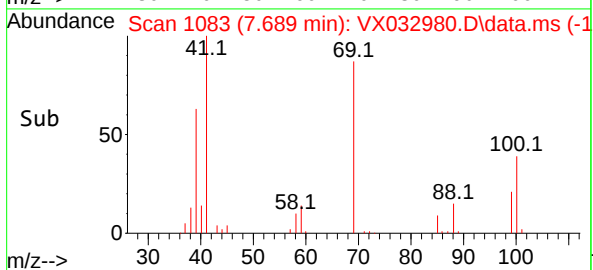
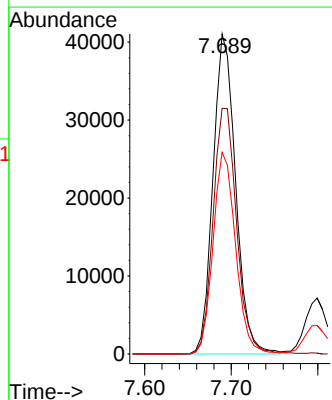
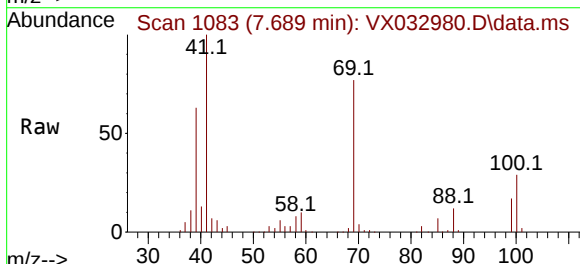
Manual Integrations
APPROVED

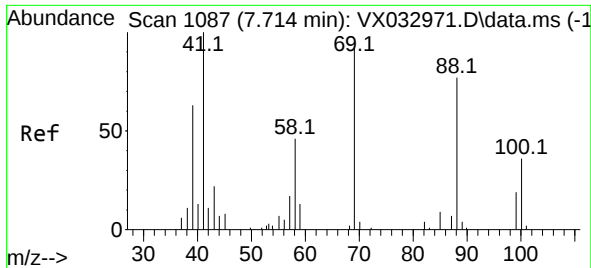
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#48
Methyl methacrylate
Concen: 57.132 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.007 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Tgt Ion: 41 Resp: 74372
Ion Ratio Lower Upper
41 100
69 80.3 65.1 97.7
39 63.0 51.9 77.9





#49

1,4-Dioxane

Concen: 1304.691 ug/l

RT: 7.720 min Scan# 1087

Delta R.T. 0.049 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

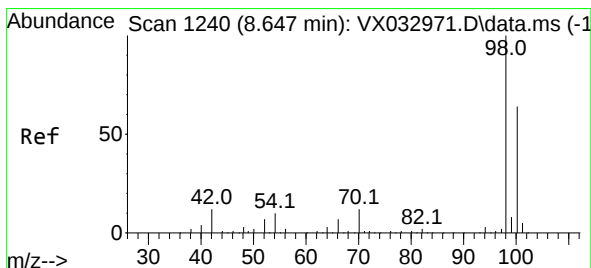
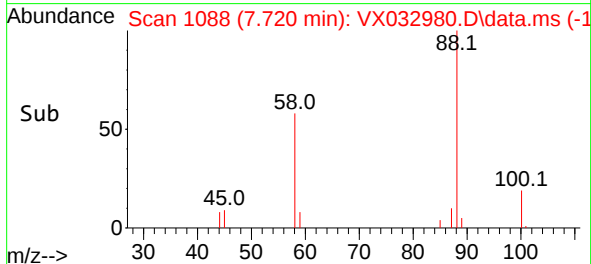
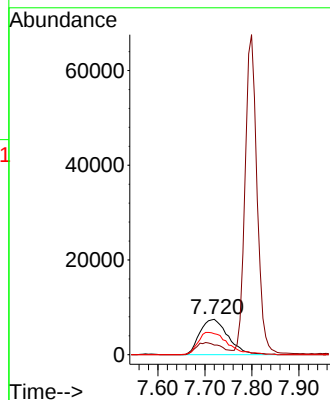
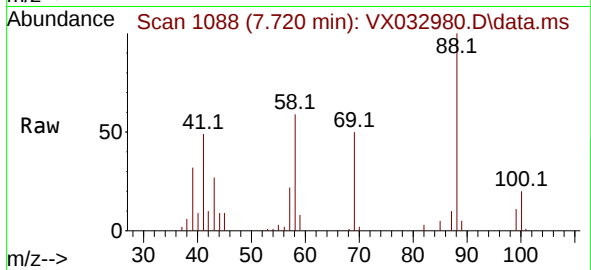
Tgt Ion: 88 Resp: 31264
 Ion Ratio Lower Upper
 88 100
 43 30.7 26.6 39.8
 58 65.7 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#50

Toluene-d8

Concen: 51.073 ug/l

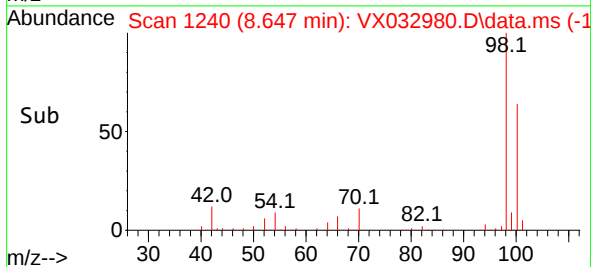
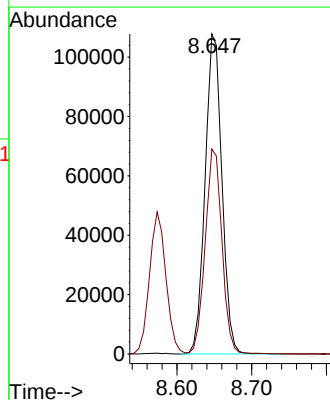
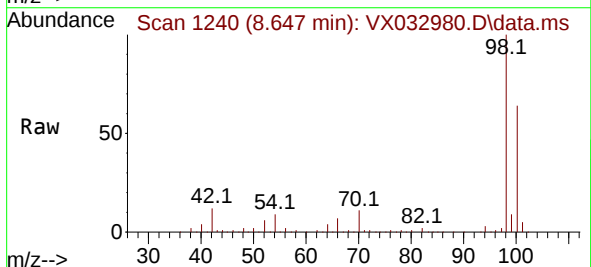
RT: 8.647 min Scan# 1240

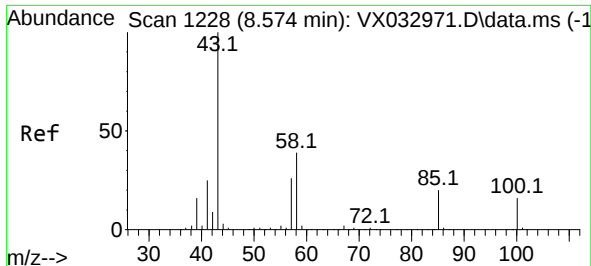
Delta R.T. -0.006 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

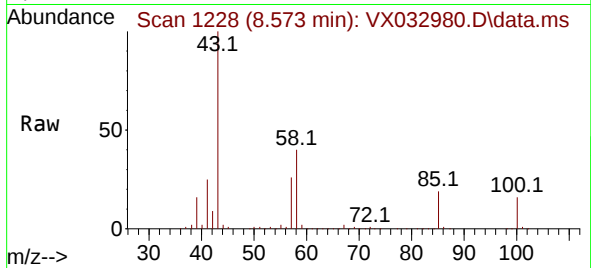
Tgt Ion: 98 Resp: 168298
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 292.254 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

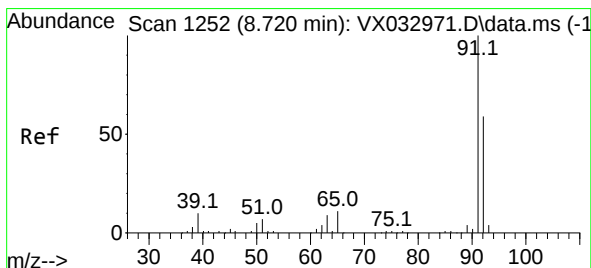
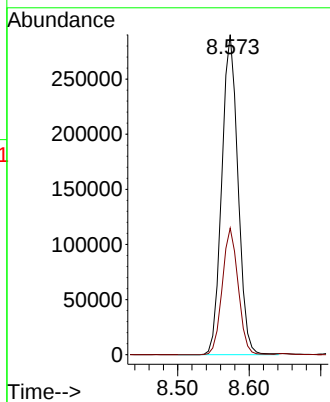
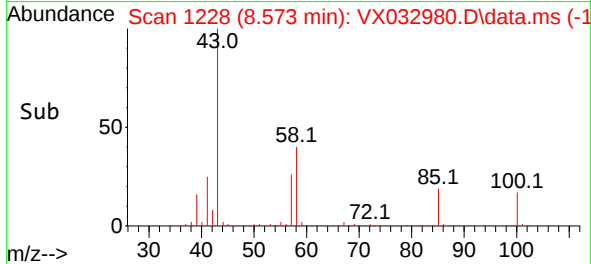
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



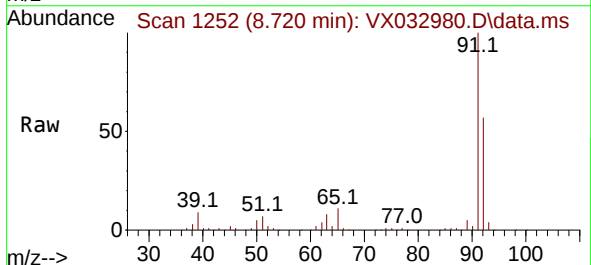
Tgt Ion: 43 Resp: 456078
Ion Ratio Lower Upper
43 100
58 38.8 30.9 46.3

Manual Integrations
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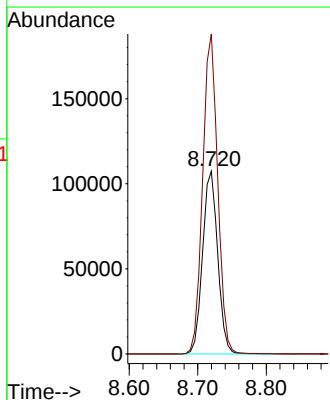
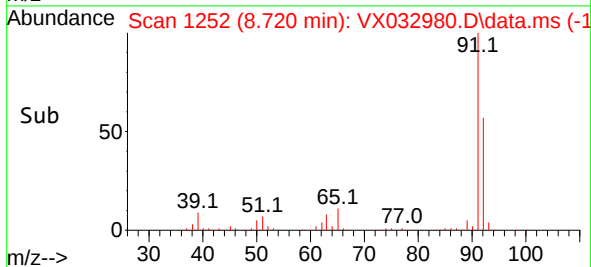
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

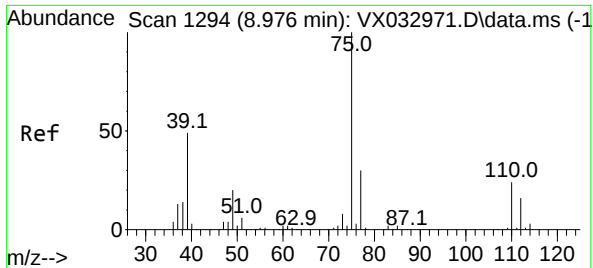


#52
Toluene
Concen: 51.047 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31



Tgt Ion: 92 Resp: 165044
Ion Ratio Lower Upper
92 100
91 174.3 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 51.031 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 100468

Ion Ratio Lower Upper

75 100

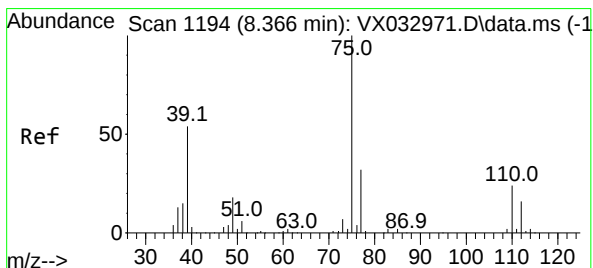
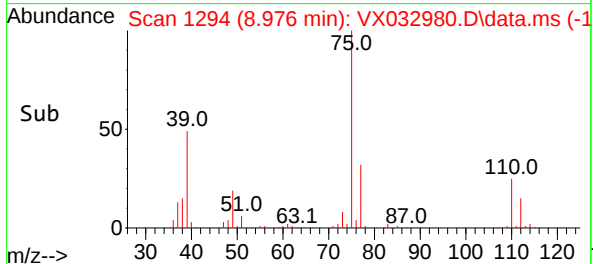
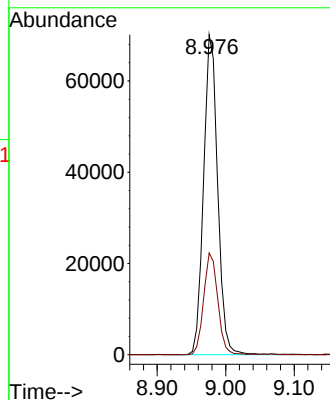
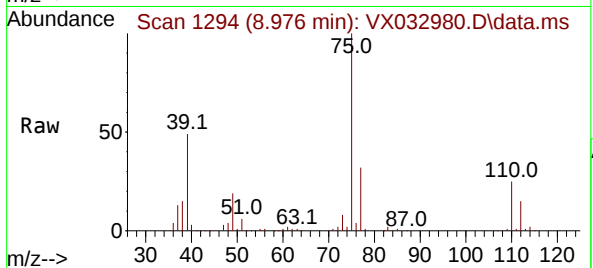
77 31.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#54

cis-1,3-Dichloropropene

Concen: 54.636 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

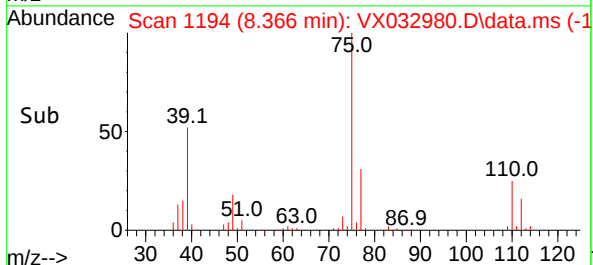
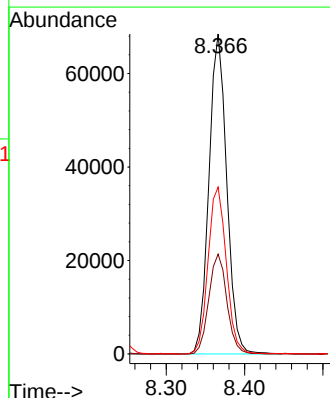
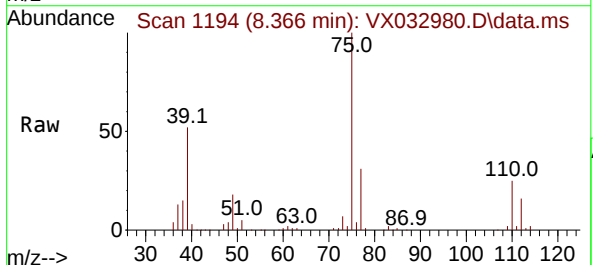
Tgt Ion: 75 Resp: 107854

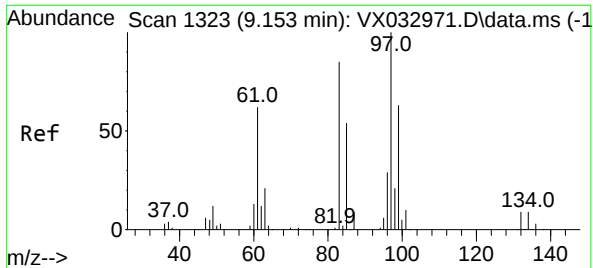
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

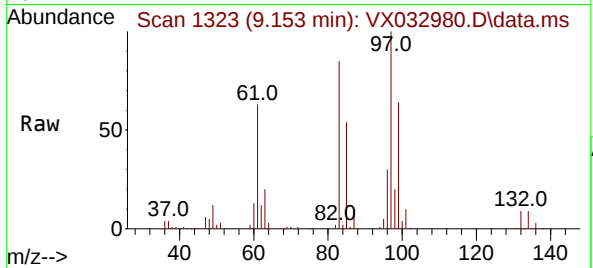
39 52.2 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 53.743 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

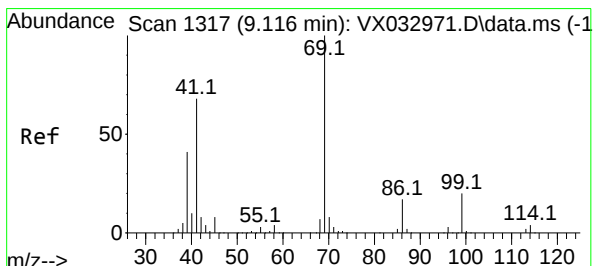
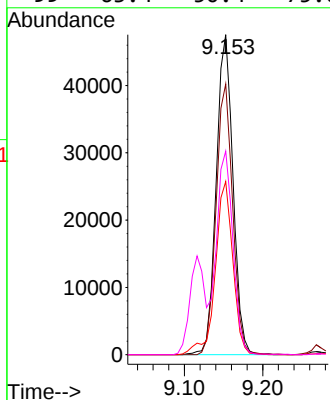
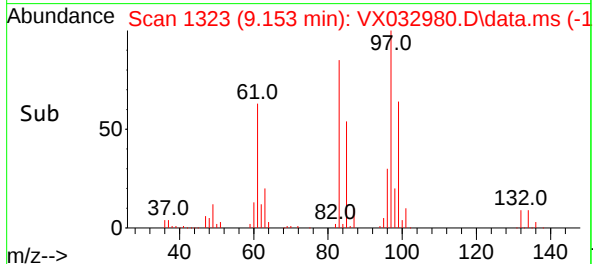
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



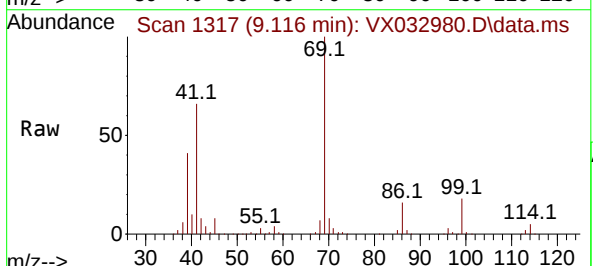
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.1	102.1
85	54.1	43.3	64.9
99	63.4	50.4	75.6

Manual Integrations
APPROVED

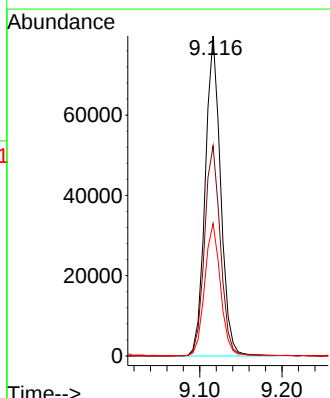
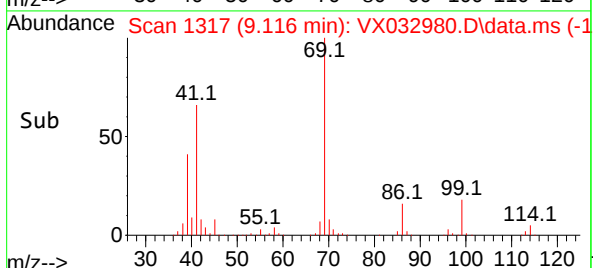
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

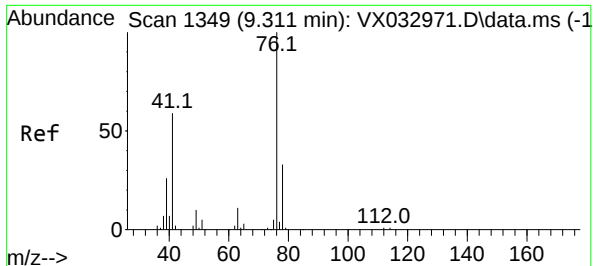


#56
Ethyl methacrylate
Concen: 57.263 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31



Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.3	81.5
39	42.8	35.2	52.8





#57

1,3-Dichloropropane

Concen: 54.002 ug/l

RT: 9.311 min Scan# 11475

Delta R.T. 0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11475

Ion Ratio Lower Upper

76 100

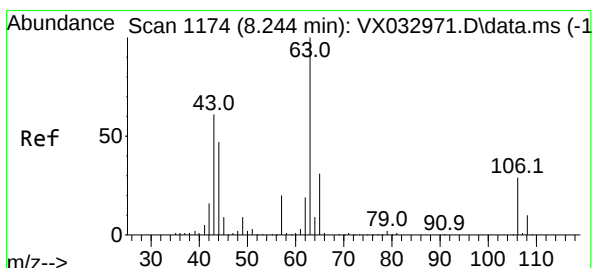
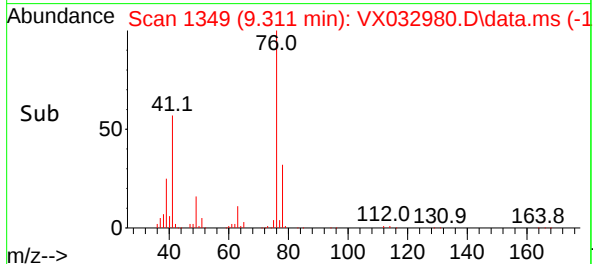
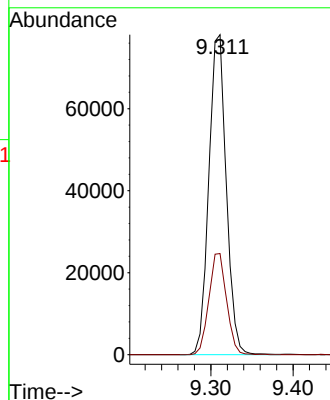
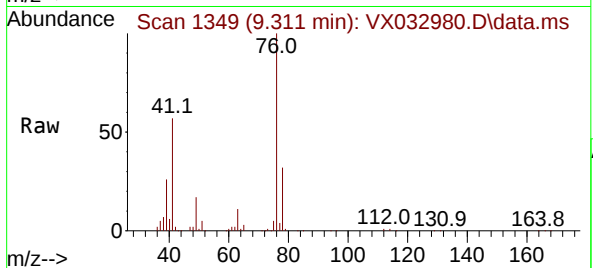
78 32.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 277.184 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032980.D

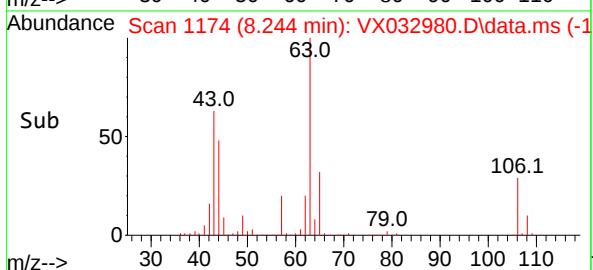
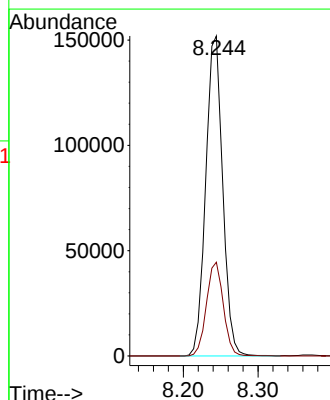
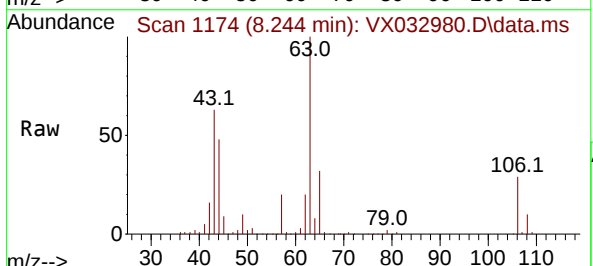
Acq: 22 Nov 2022 15:31

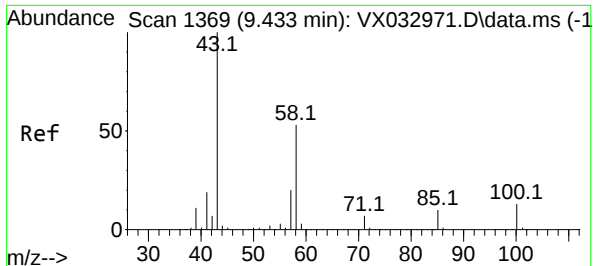
Tgt Ion: 63 Resp: 238722

Ion Ratio Lower Upper

63 100

106 29.1 23.3 34.9





#59

2-Hexanone

Concen: 297.501 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 34296

Ion Ratio Lower Upper

43 100

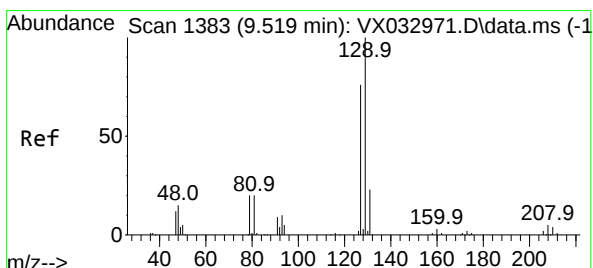
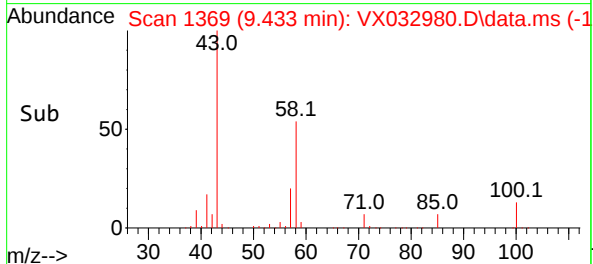
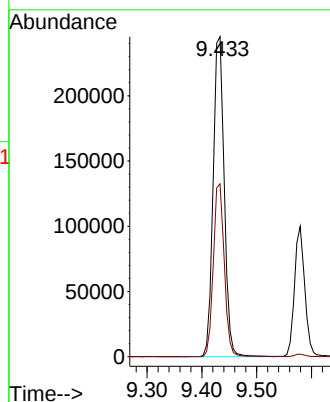
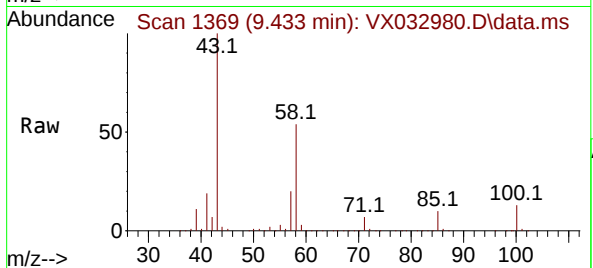
58 53.3 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#60

Dibromochloromethane

Concen: 54.645 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.007 min

Lab File: VX032980.D

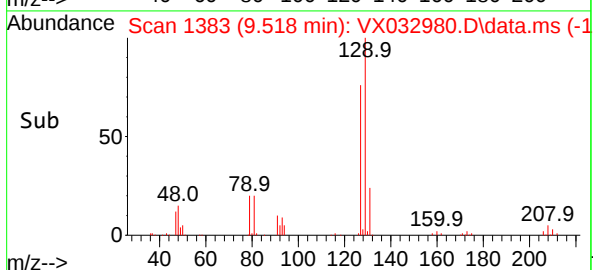
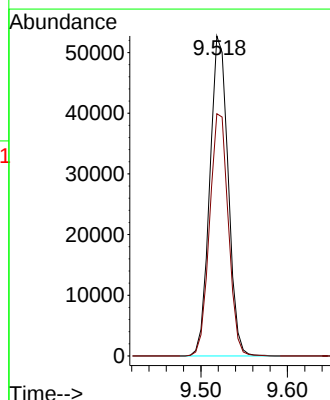
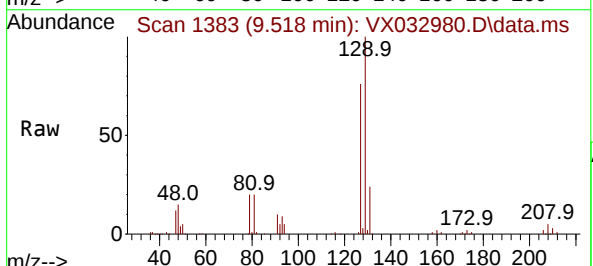
Acq: 22 Nov 2022 15:31

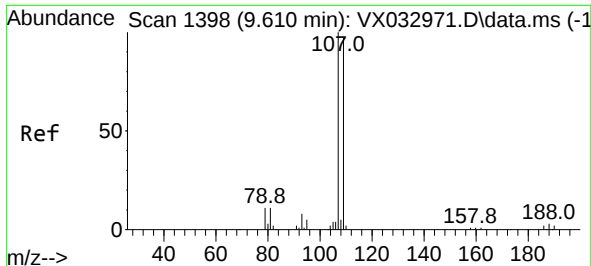
Tgt Ion:129 Resp: 77444

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.8





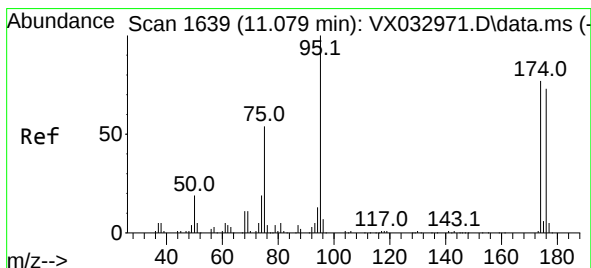
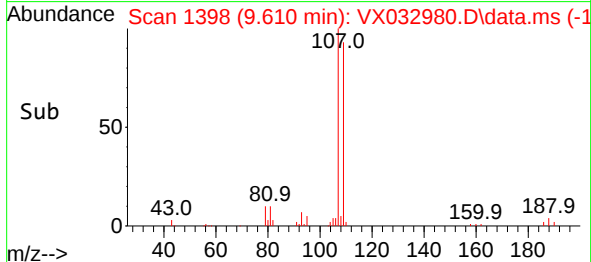
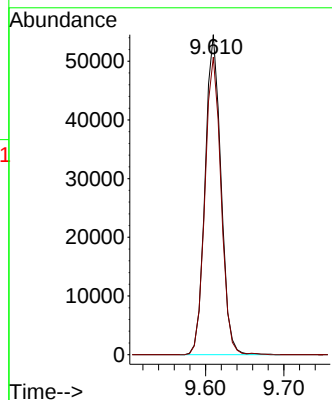
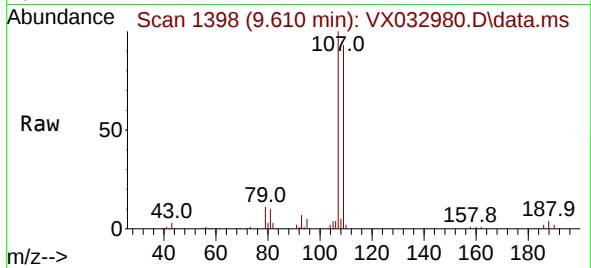
#61
1,2-Dibromoethane
Concen: 55.026 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 7645
Ion Ratio Lower Upper
107 100
109 94.3 76.0 114.0

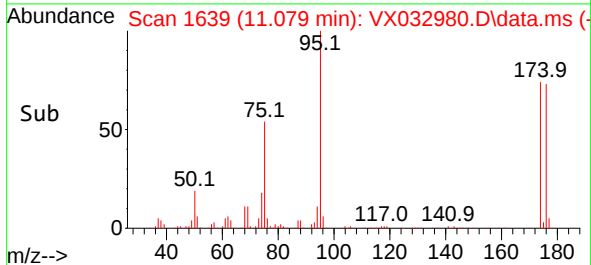
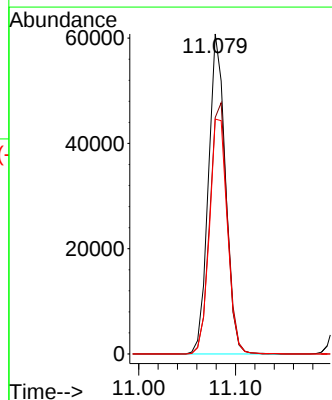
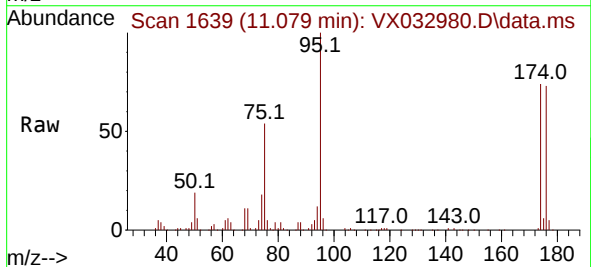
Manual Integrations
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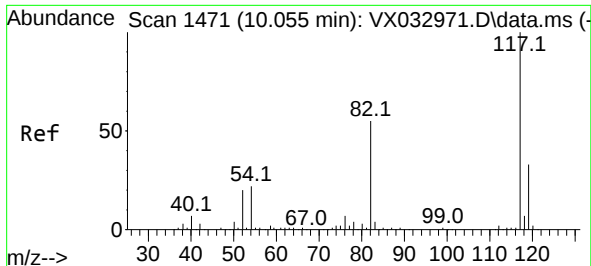
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#62
4-Bromofluorobenzene
Concen: 51.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

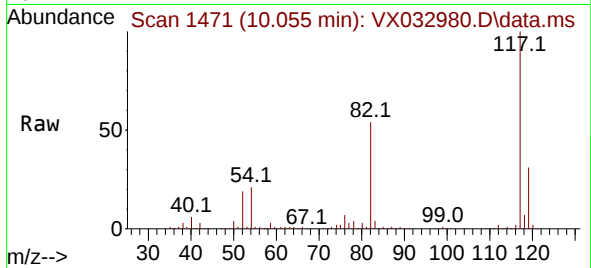
Tgt Ion: 95 Resp: 74413
Ion Ratio Lower Upper
95 100
174 81.0 0.0 164.0
176 77.3 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

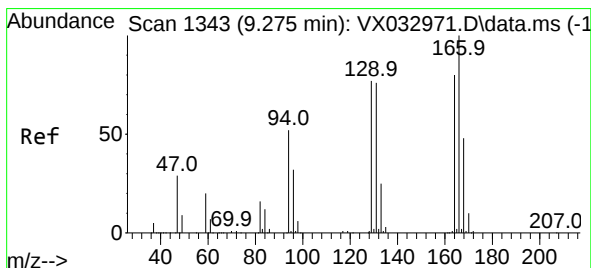
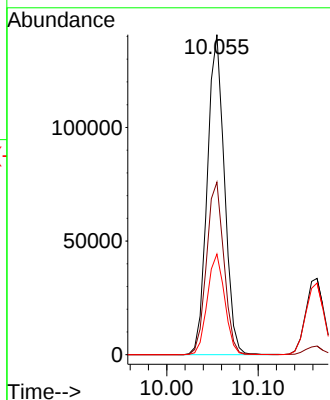
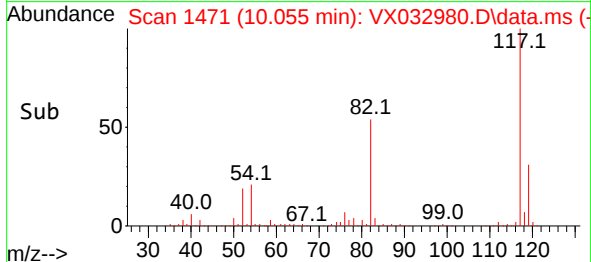
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 182910
Ion Ratio Lower Upper
117 100
82 53.9 44.3 66.5
119 31.4 25.7 38.5

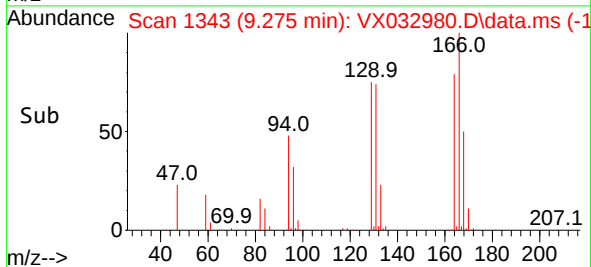
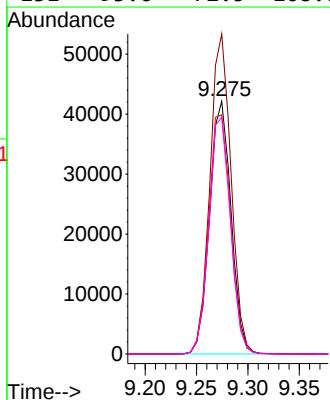
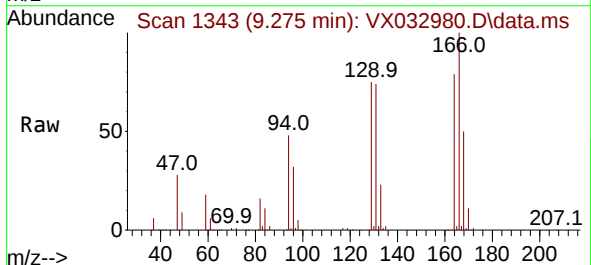
Manual Integrations
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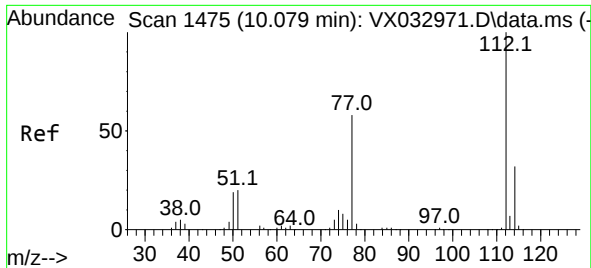
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#64
Tetrachloroethene
Concen: 47.000 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Tgt Ion:164 Resp: 60854
Ion Ratio Lower Upper
164 100
166 126.7 105.4 158.2
129 94.7 78.2 117.2
131 93.6 72.5 108.7





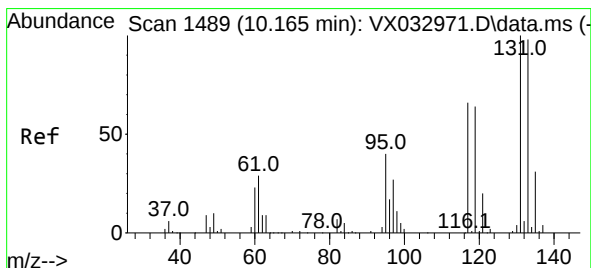
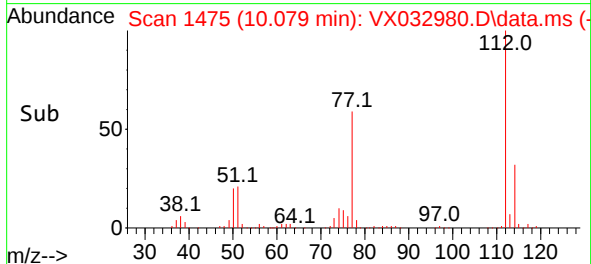
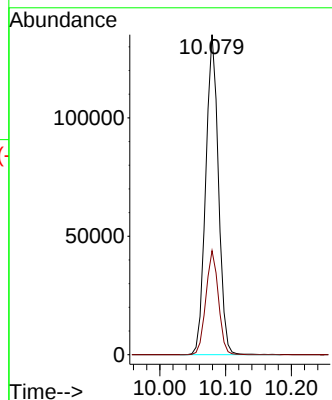
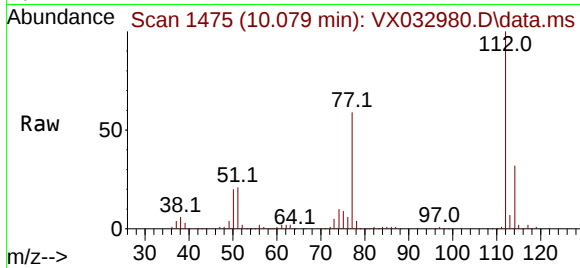
#65
Chlorobenzene
Concen: 49.792 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 18158
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

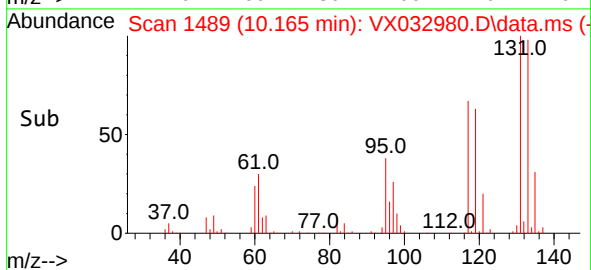
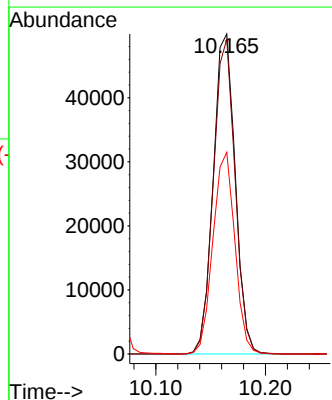
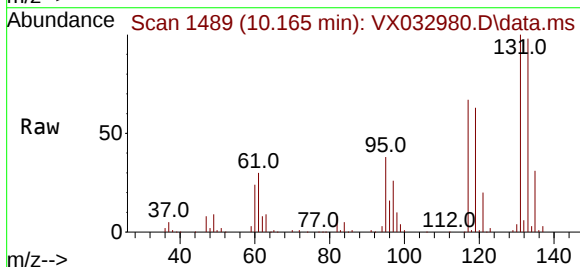
Manual Integrations
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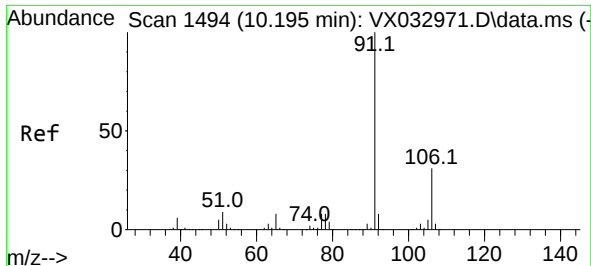
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.314 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Tgt Ion:131 Resp: 69904
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.9
119 62.7 32.4 97.0





#67

Ethyl Benzene

Concen: 51.161 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 33096

Ion Ratio Lower Upper

91 100

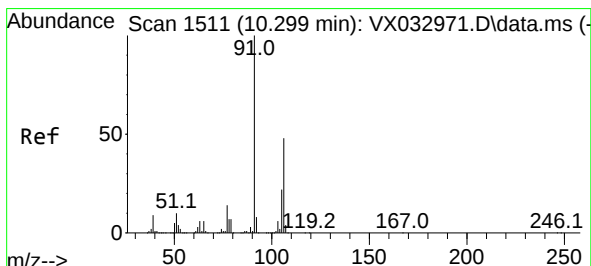
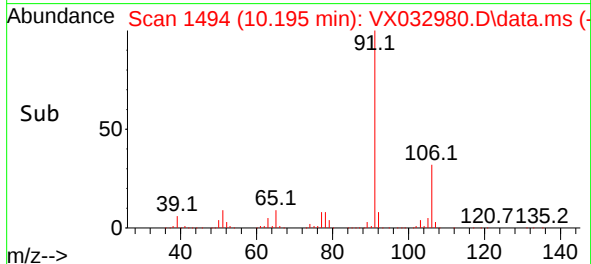
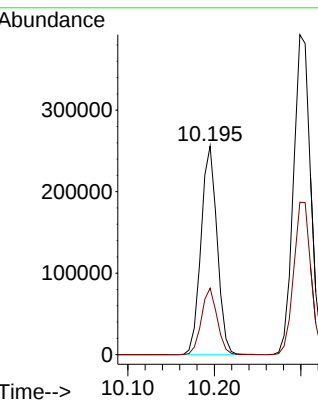
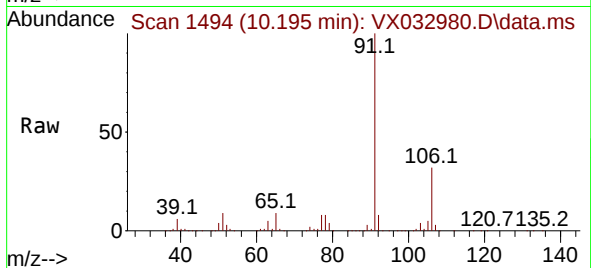
106 31.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#68

m/p-Xylenes

Concen: 101.988 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX032980.D

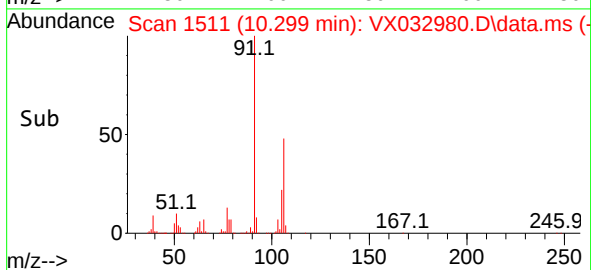
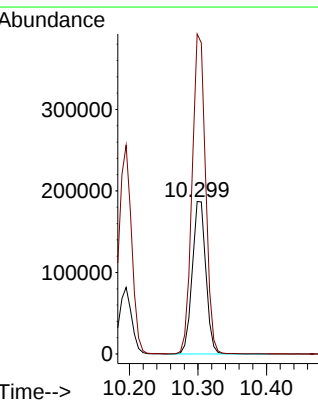
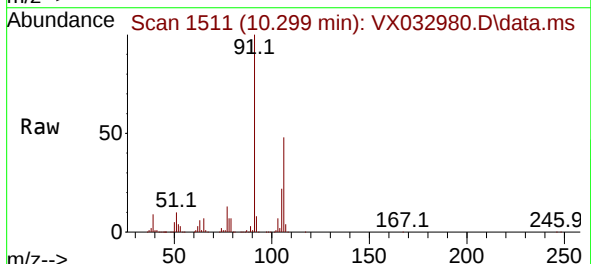
Acq: 22 Nov 2022 15:31

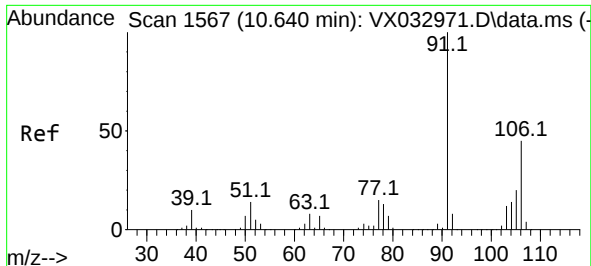
Tgt Ion:106 Resp: 258359

Ion Ratio Lower Upper

106 100

91 207.7 164.5 246.7





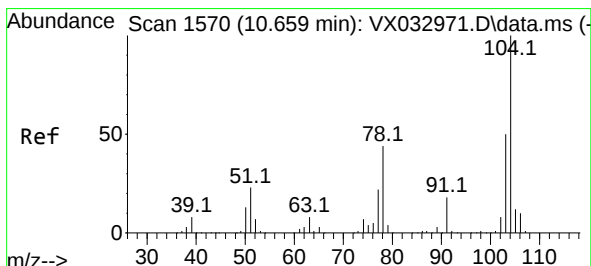
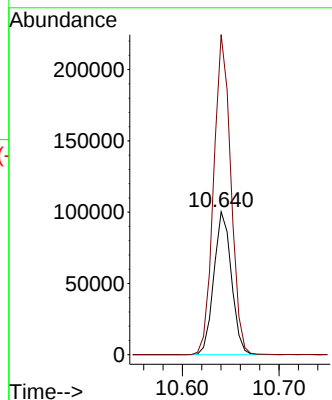
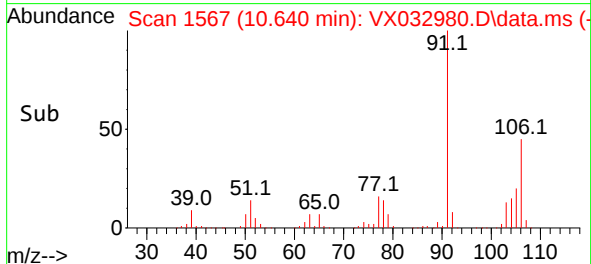
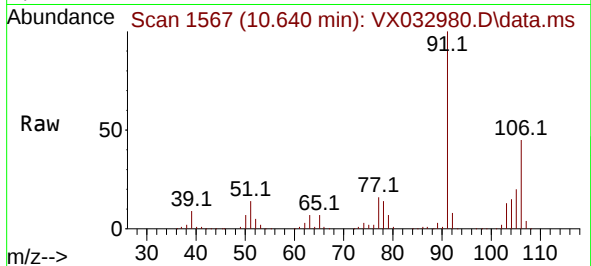
#69
o-Xylene
Concen: 51.587 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 12644
Ion Ratio Lower Upper
106 100
91 219.3 109.2 327.6

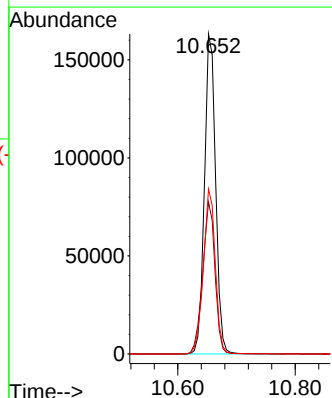
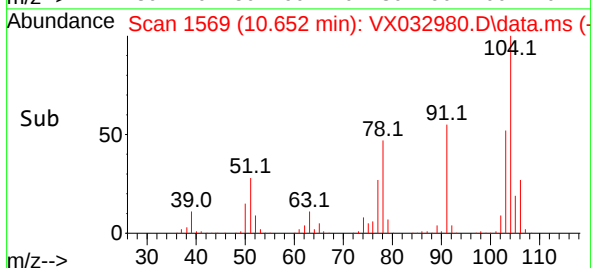
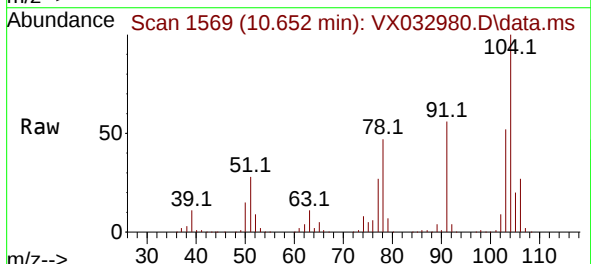
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#70
Styrene
Concen: 53.700 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Tgt Ion:104 Resp: 215333
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.8
103 55.1 44.5 66.7





#71

Bromoform

Concen: 55.211 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

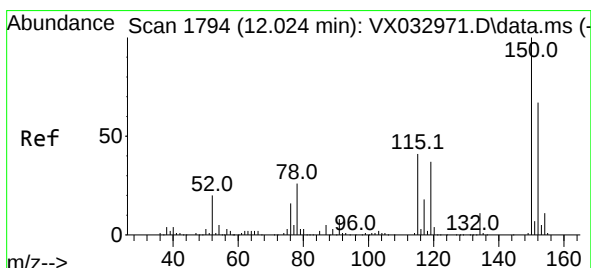
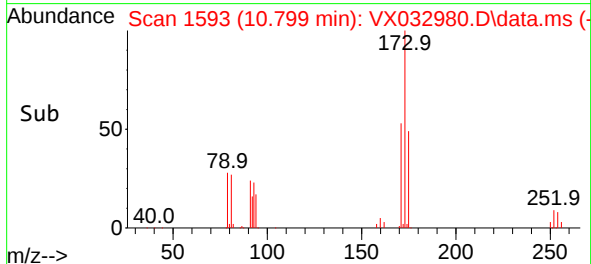
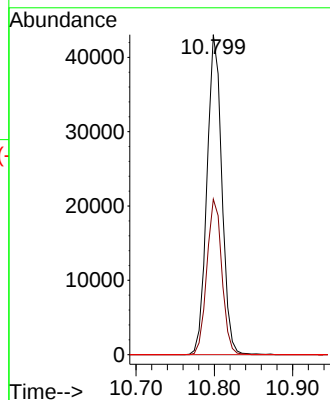
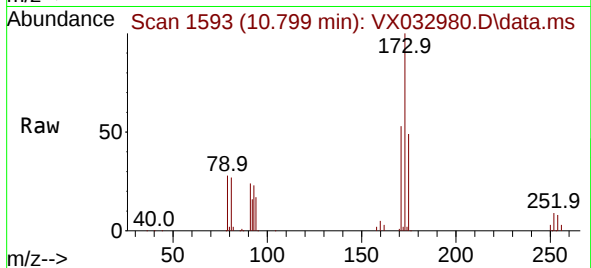
Tgt Ion:173 Resp: 56564
 Ion Ratio Lower Upper
 173 100
 175 49.0 23.9 71.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

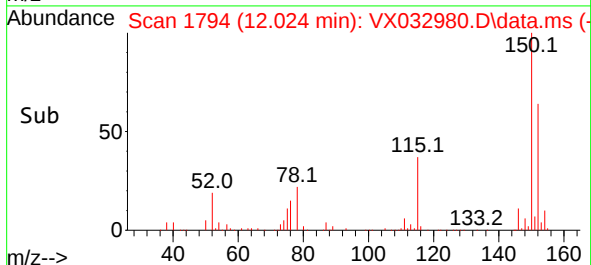
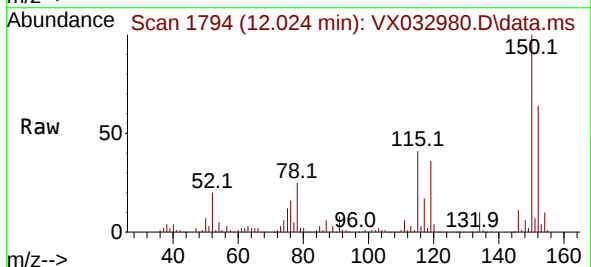
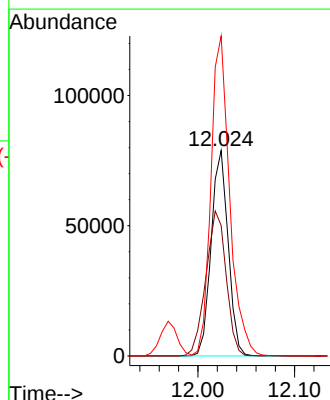
RT: 12.024 min Scan# 1794

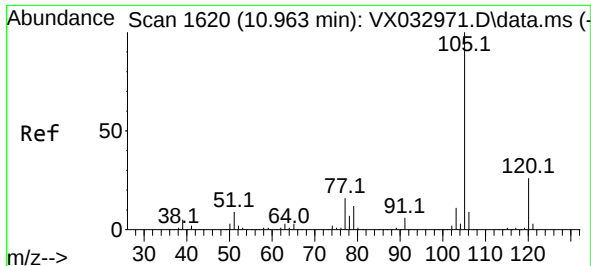
Delta R.T. 0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

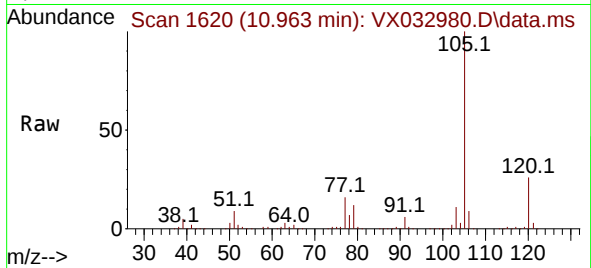
Tgt Ion:152 Resp: 96258
 Ion Ratio Lower Upper
 152 100
 115 84.3 44.0 132.0
 150 172.5 0.0 351.8





#73
Isopropylbenzene
Concen: 49.235 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

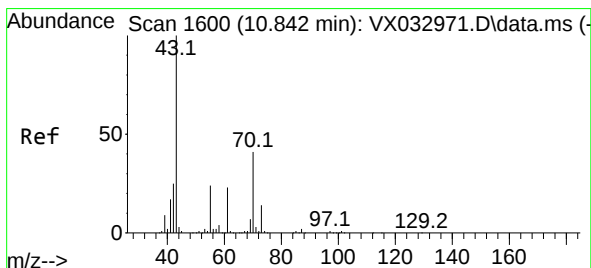
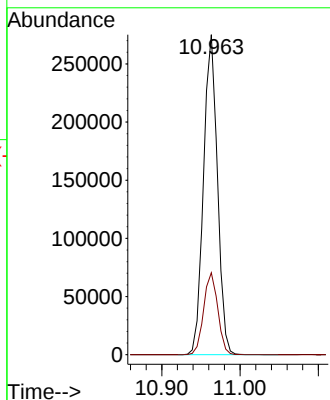
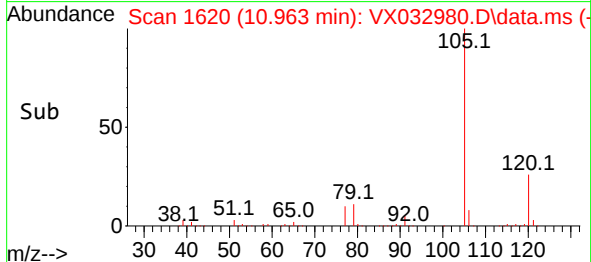
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



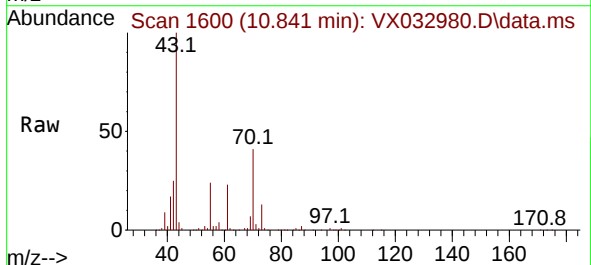
Tgt Ion:105 Resp: 338660
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3

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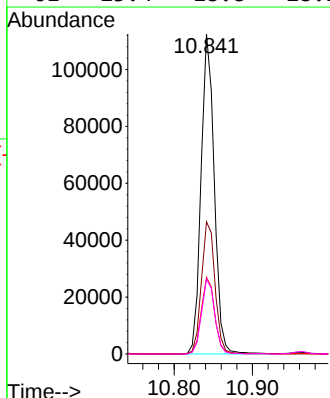
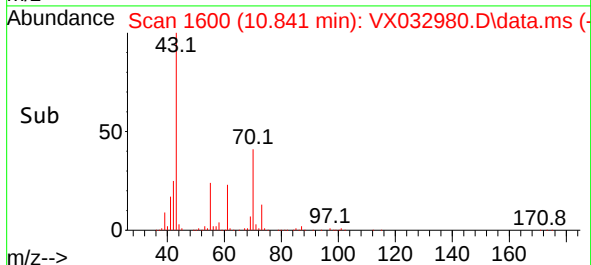
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

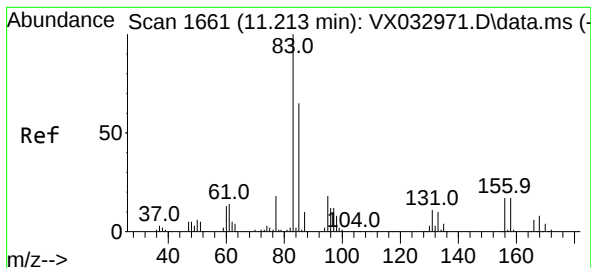


#74
N-ethyl acetate
Concen: 56.270 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31



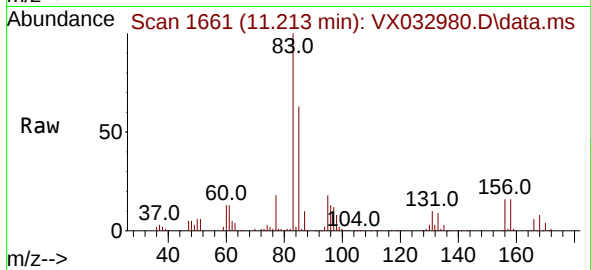
Tgt Ion: 43 Resp: 131668
Ion Ratio Lower Upper
43 100
70 42.4 33.6 50.4
55 24.5 19.4 29.2
61 23.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.996 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

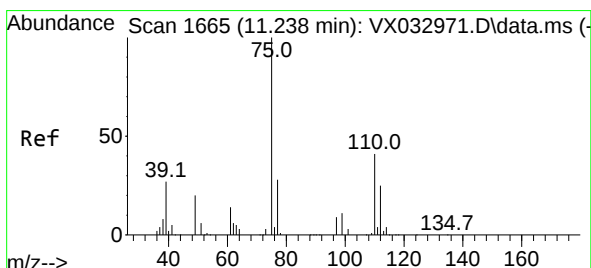
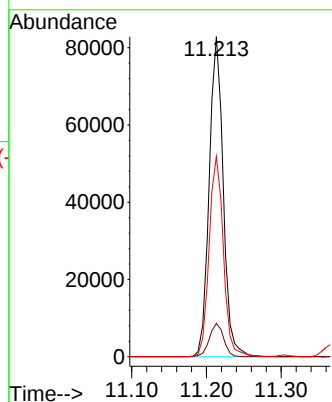
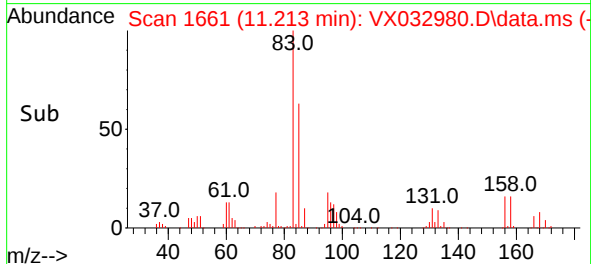
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



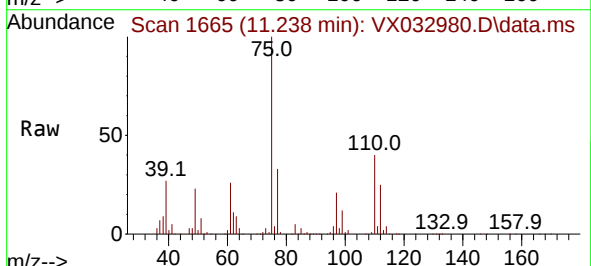
Tgt Ion: 83 Resp: 10794
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 63.4 31.9 95.9

Manual Integrations
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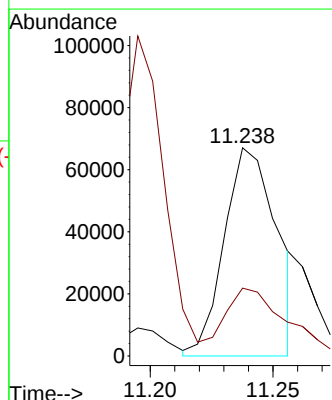
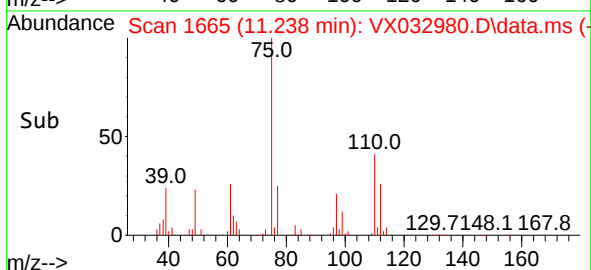
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

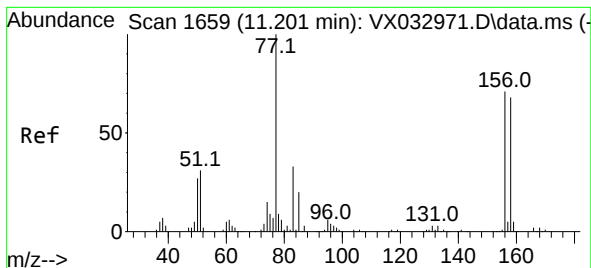


#76
1,2,3-Trichloropropane
Concen: 54.758 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31



Tgt Ion: 75 Resp: 99822
Ion Ratio Lower Upper
75 100
77 38.7 20.0 60.0





#77

Bromobenzene

Concen: 48.914 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

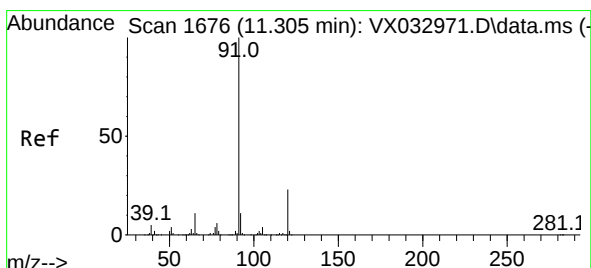
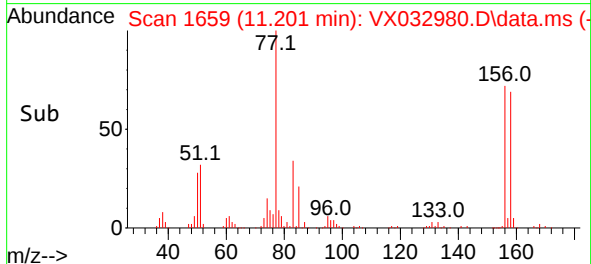
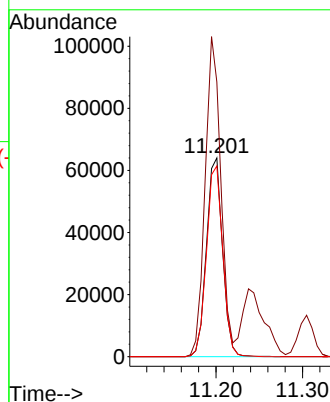
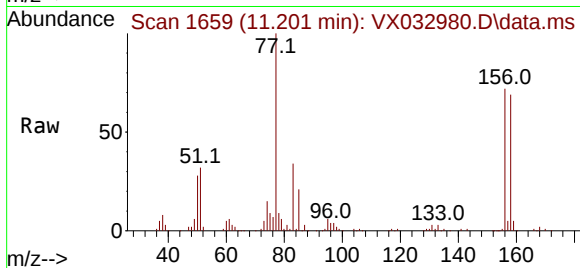
Tgt Ion:	156	Resp:	8274
Ion Ratio	Lower	Upper	
156	100		
77	156.6	76.1	228.4
158	97.4	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#78

n-propylbenzene

Concen: 50.197 ug/l

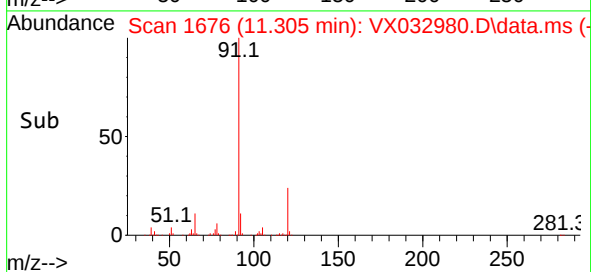
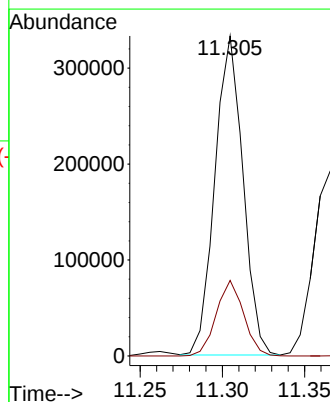
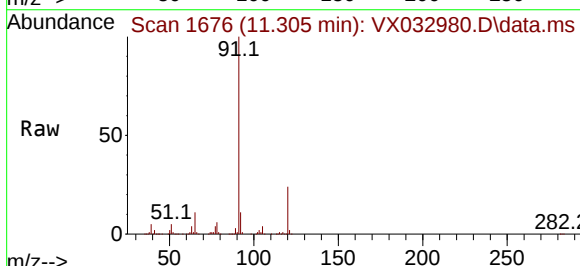
RT: 11.305 min Scan# 1676

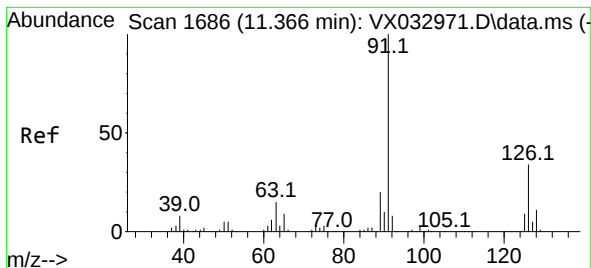
Delta R.T. -0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Tgt Ion:	91	Resp:	394770
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.6	34.8





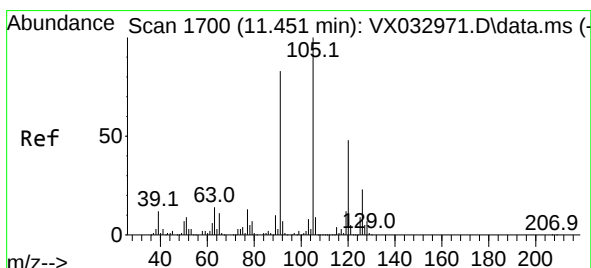
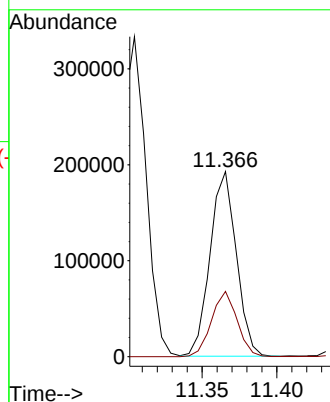
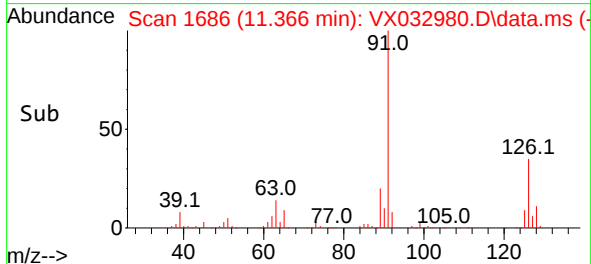
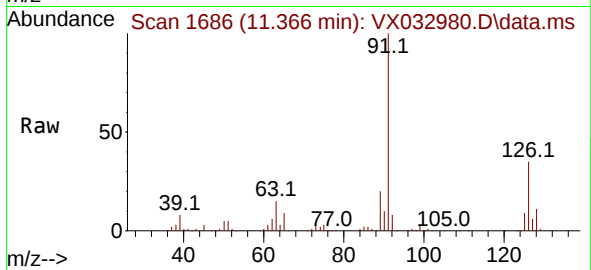
#79
2-Chlorotoluene
Concen: 49.322 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 23558
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2

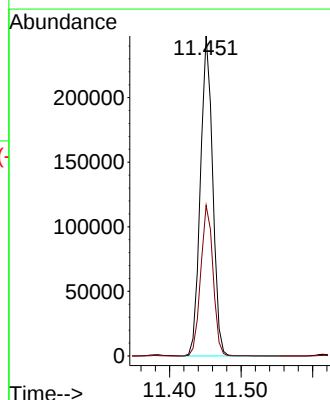
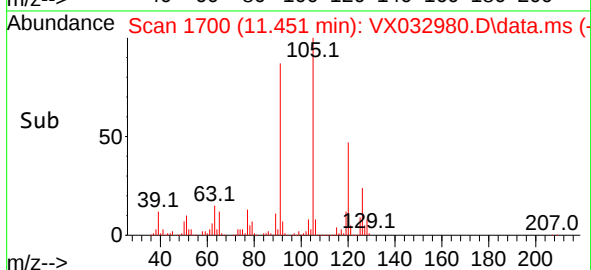
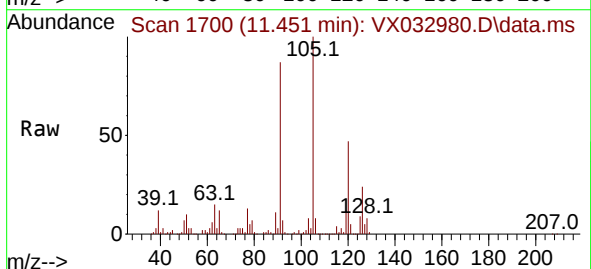
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.992 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Tgt Ion:105 Resp: 294654
Ion Ratio Lower Upper
105 100
120 47.4 23.6 71.0





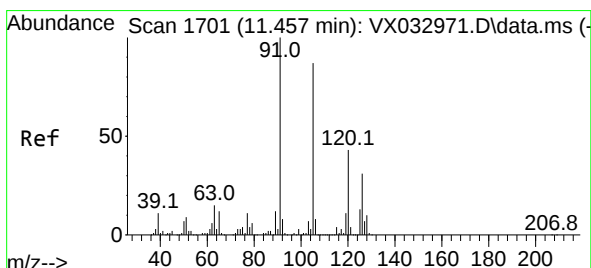
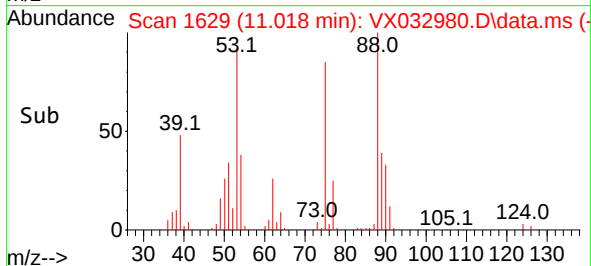
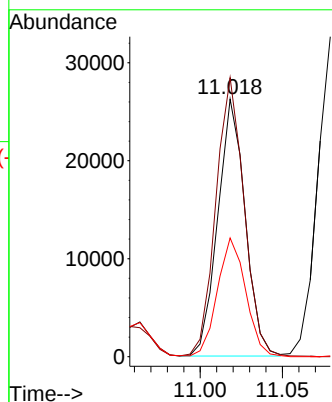
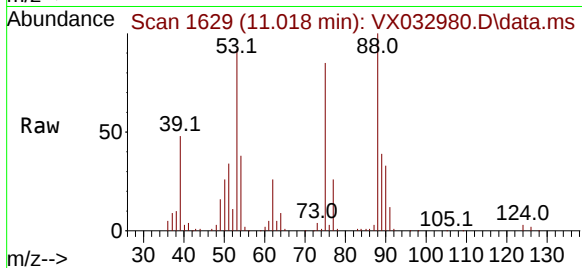
#81
trans-1,4-Dichloro-2-butene
Concen: 54.044 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 30310
Ion Ratio Lower Upper
75 100
53 112.2 86.9 130.3
89 47.8 38.3 57.5

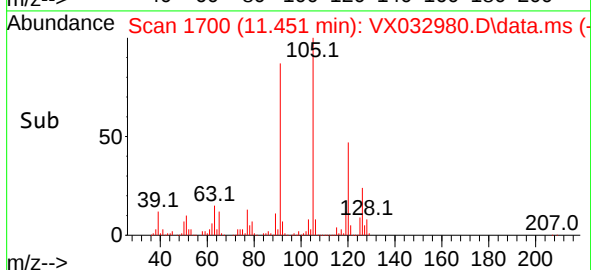
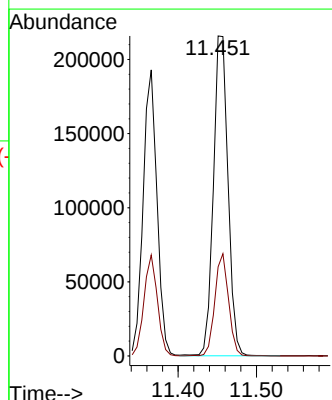
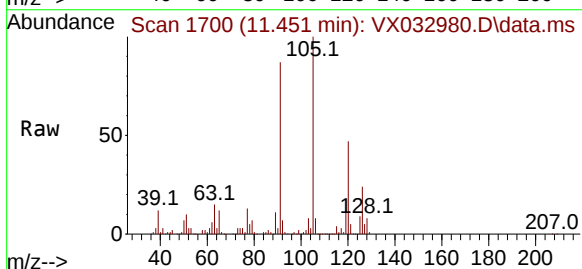
Manual Integrations
APPROVED

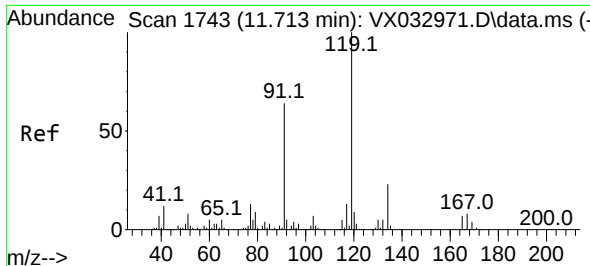
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#82
4-Chlorotoluene
Concen: 49.993 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

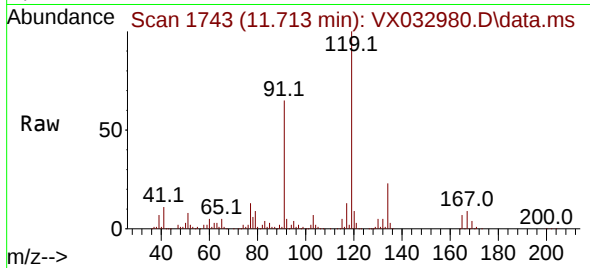
Tgt Ion: 91 Resp: 279833
Ion Ratio Lower Upper
91 100
126 30.0 14.8 44.4





#83
tert-Butylbenzene
Concen: 49.784 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

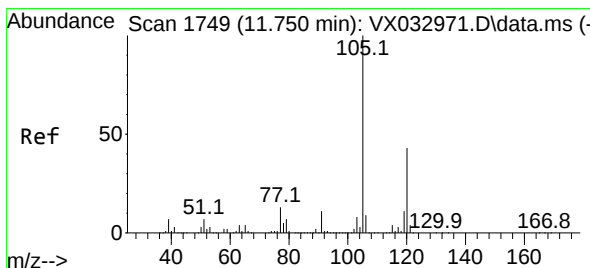
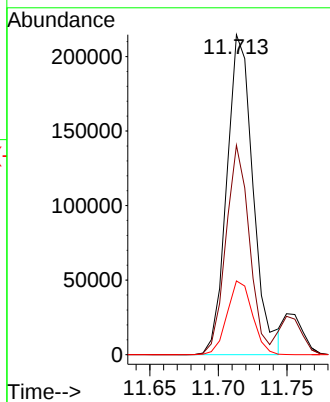
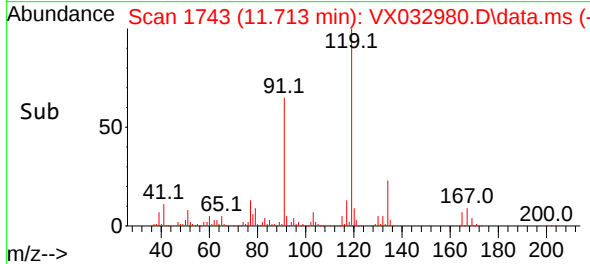
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



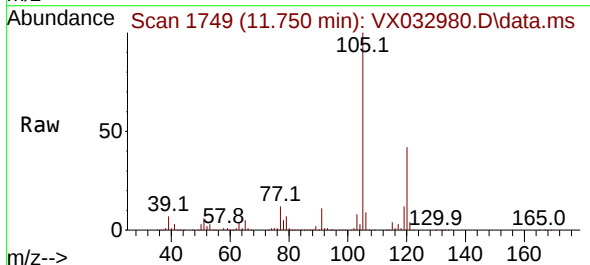
Tgt Ion:119 Resp: 28635
Ion Ratio Lower Upper
119 100
91 58.8 29.4 88.2
134 22.2 11.0 33.0

Manual Integrations
APPROVED

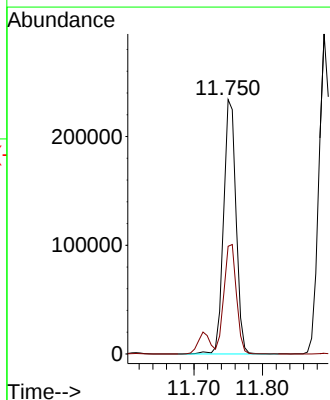
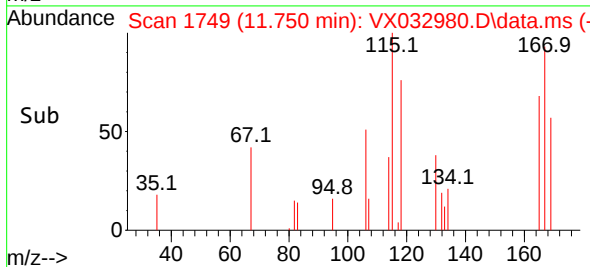
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

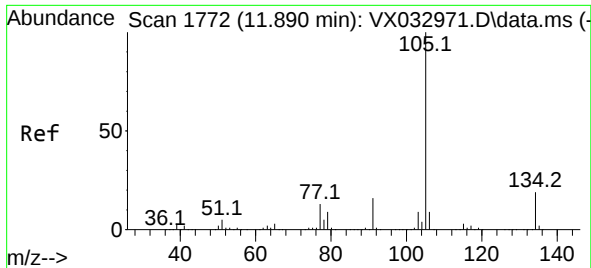


#84
1,2,4-Trimethylbenzene
Concen: 50.918 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31



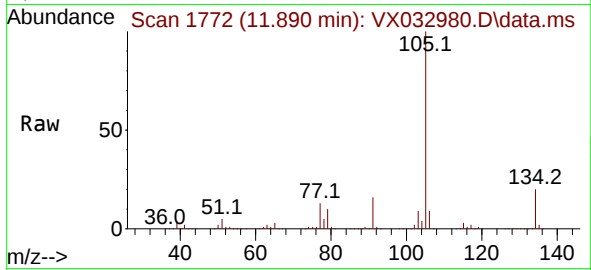
Tgt Ion:105 Resp: 293379
Ion Ratio Lower Upper
105 100
120 43.3 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 50.624 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032980.D
 Acq: 22 Nov 2022 15:31

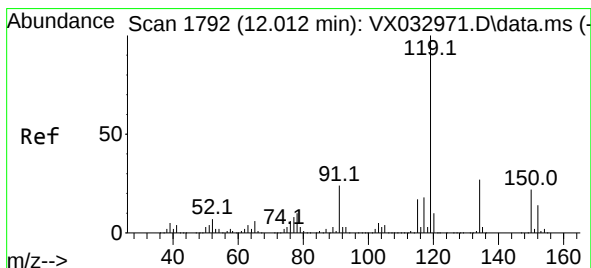
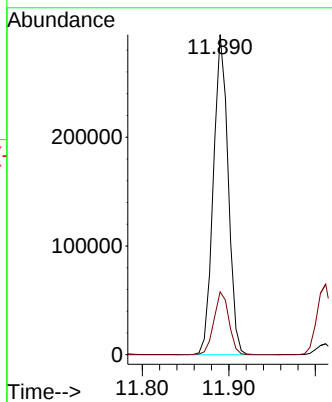
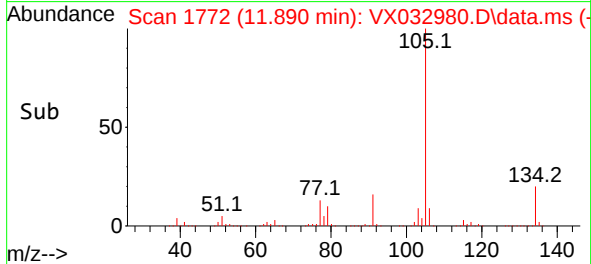
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



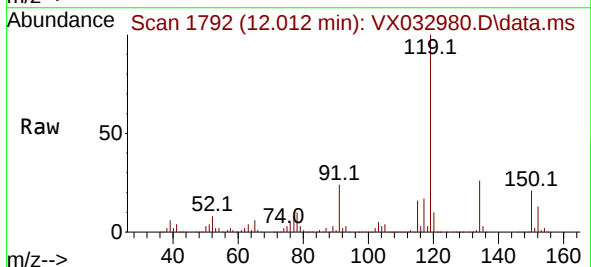
Tgt Ion:105 Resp: 348364
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7

Manual Integrations
 APPROVED

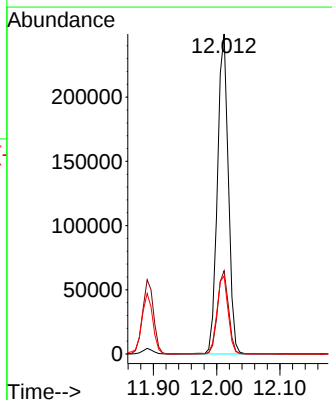
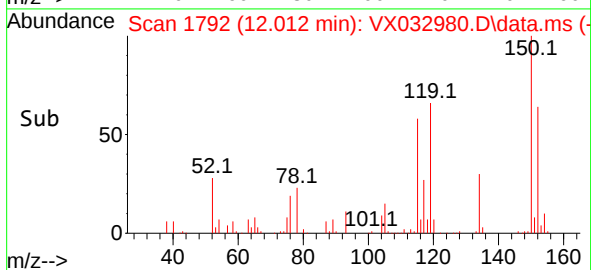
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022

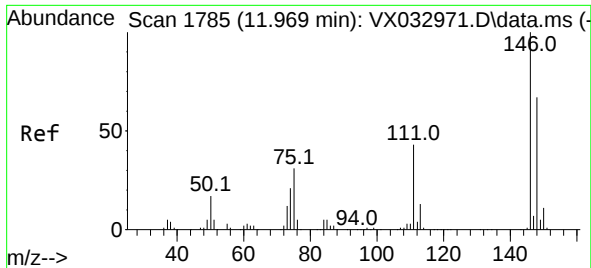


#86
 p-Isopropyltoluene
 Concen: 50.734 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032980.D
 Acq: 22 Nov 2022 15:31



Tgt Ion:119 Resp: 295792
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 25.0 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 49.612 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 157410

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.8

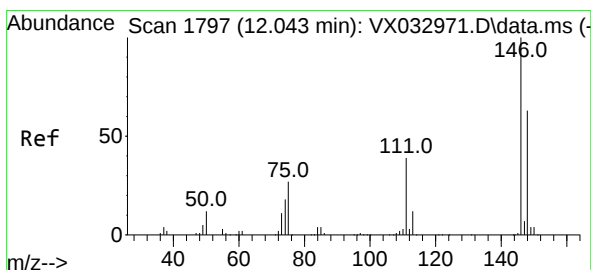
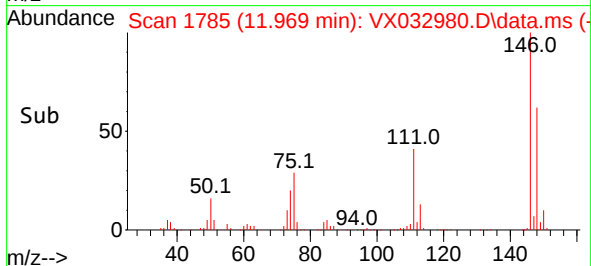
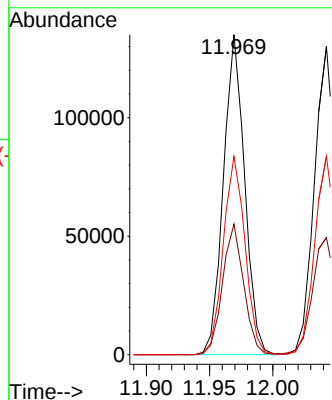
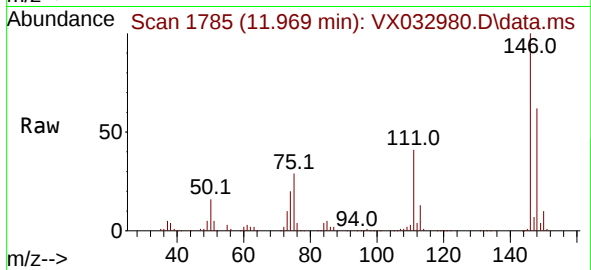
148 63.4 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#88

1,4-Dichlorobenzene

Concen: 48.627 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032980.D

Acq: 22 Nov 2022 15:31

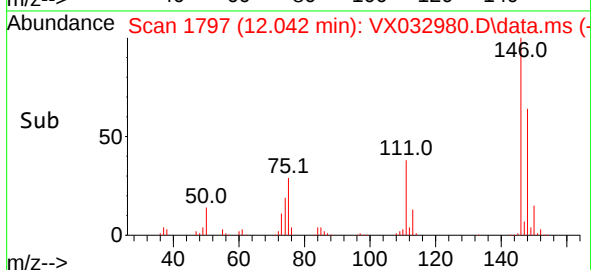
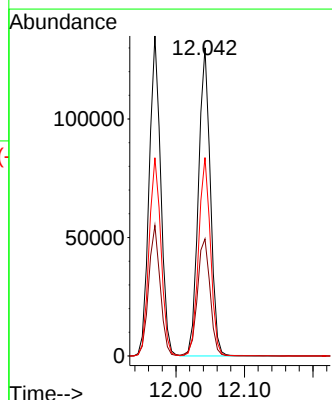
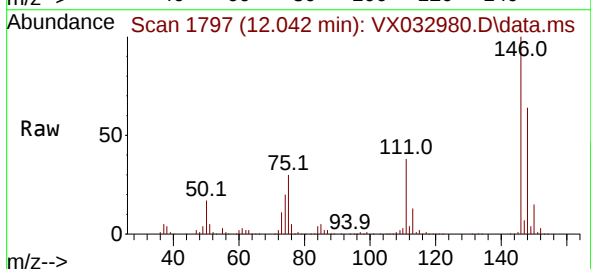
Tgt Ion:146 Resp: 158016

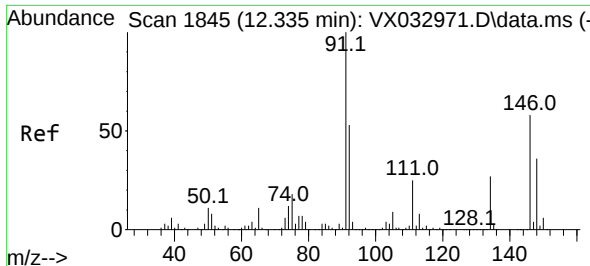
Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.6

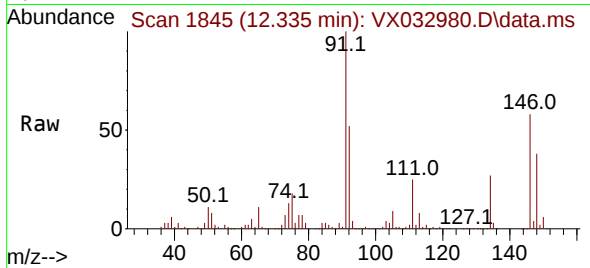
148 64.0 32.2 96.6





#89
n-Butylbenzene
Concen: 50.860 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

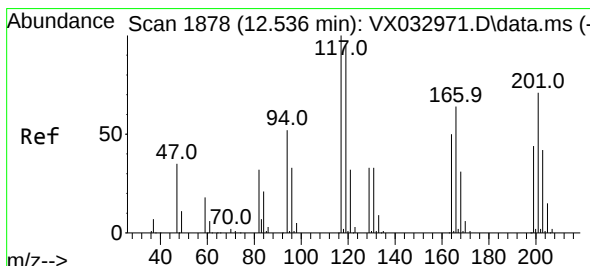
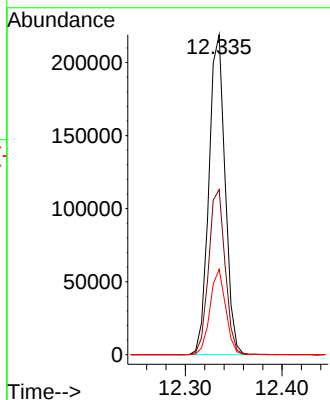
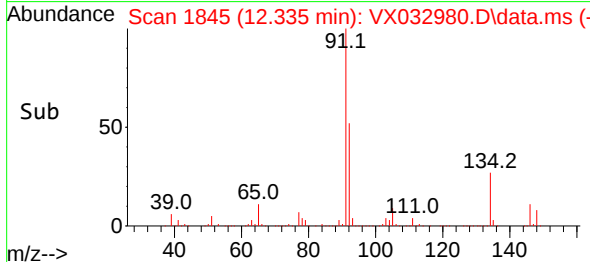
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 25545
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.6
134 25.8 12.9 38.6

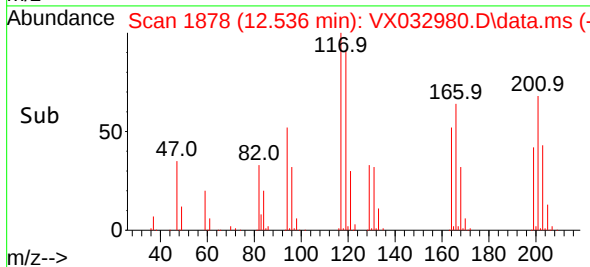
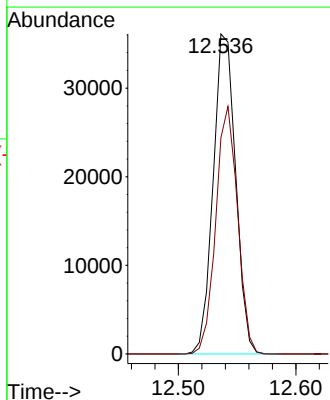
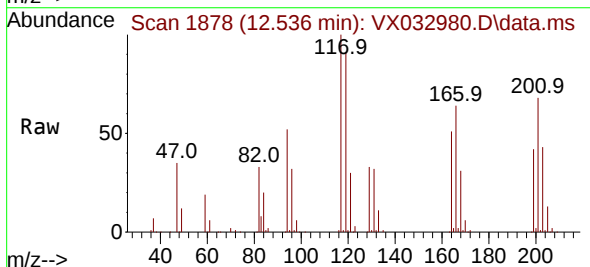
Manual Integrations
APPROVED

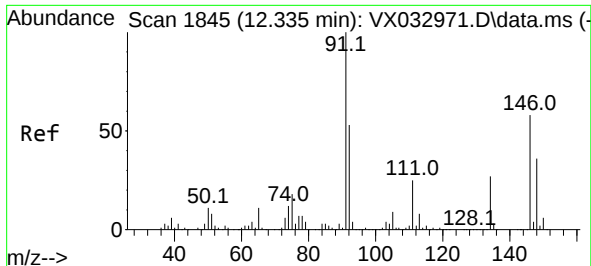
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#90
Hexachloroethane
Concen: 50.234 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

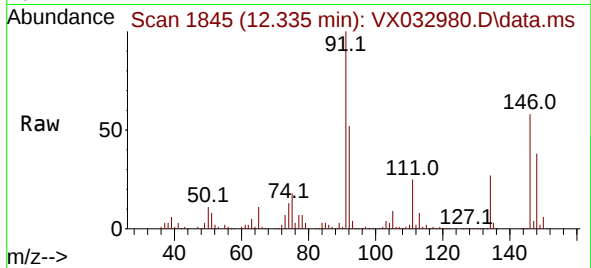
Tgt Ion:117 Resp: 48117
Ion Ratio Lower Upper
117 100
201 75.0 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 50.018 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

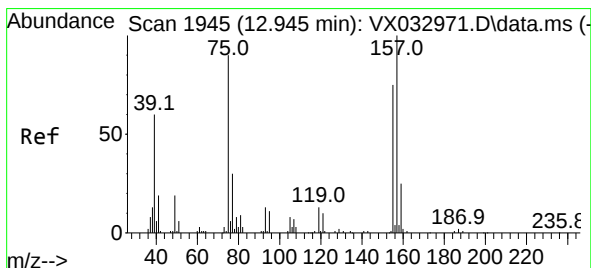
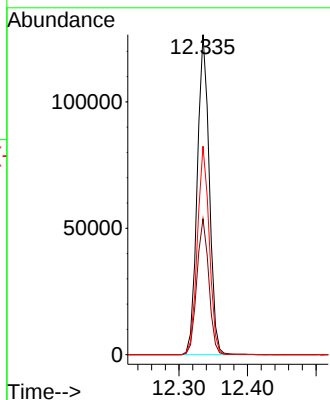
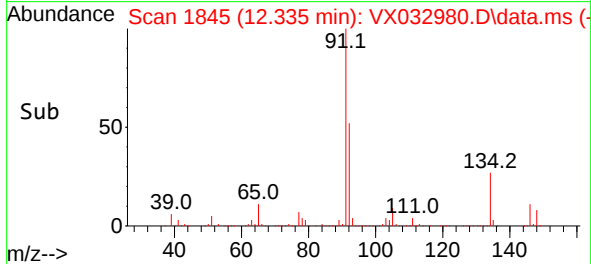
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



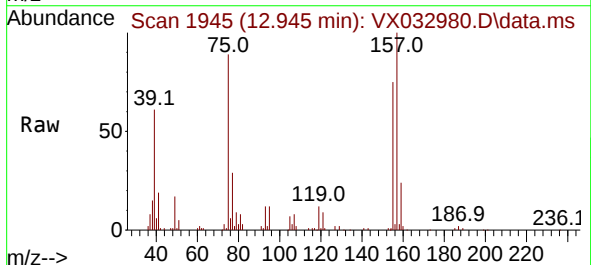
Tgt Ion:146 Resp: 15438
Ion Ratio Lower Upper
146 100
111 42.3 21.5 64.5
148 64.4 32.0 96.2

Manual Integrations
APPROVED

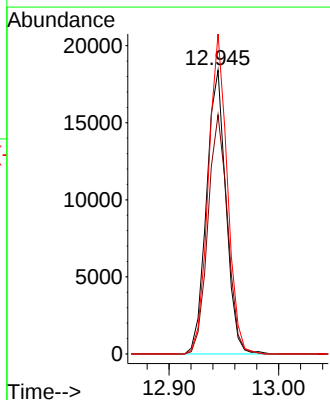
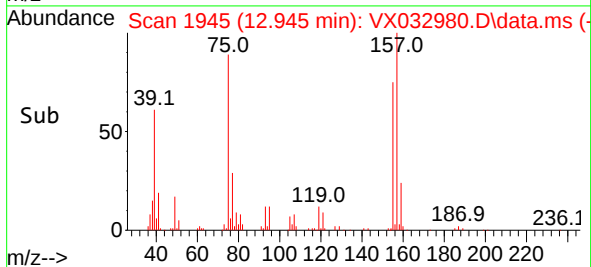
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

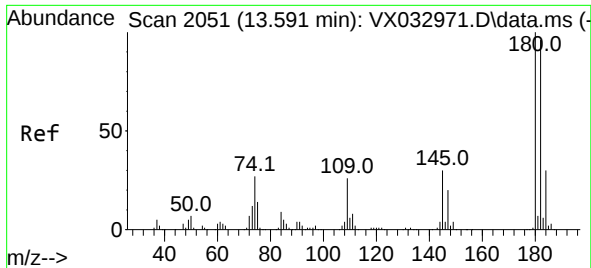


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.626 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31



Tgt Ion: 75 Resp: 22627
Ion Ratio Lower Upper
75 100
155 85.3 41.6 124.8
157 110.1 54.1 162.4





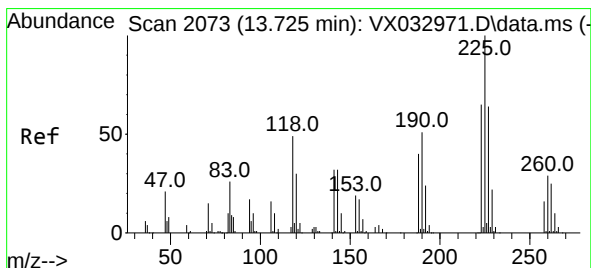
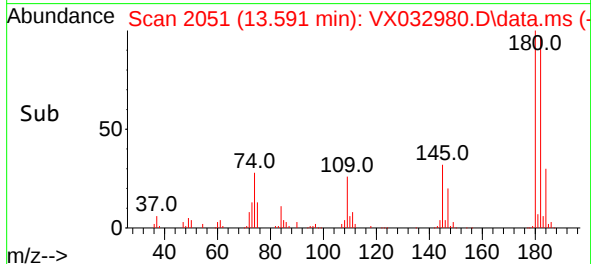
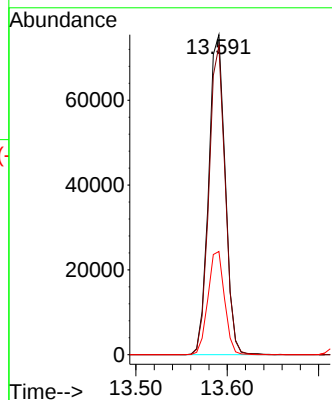
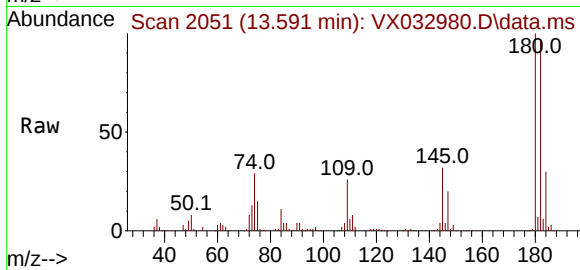
#93
1,2,4-Trichlorobenzene
Concen: 49.700 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 9456
Ion Ratio Lower Upper
180 100
182 94.9 48.4 145.0
145 32.4 16.2 48.5

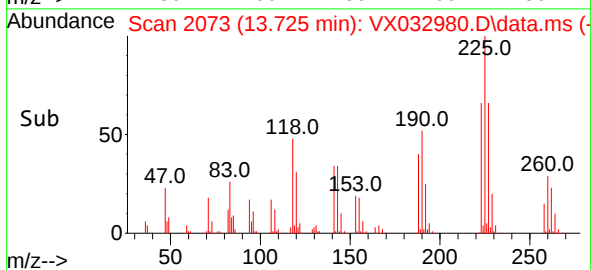
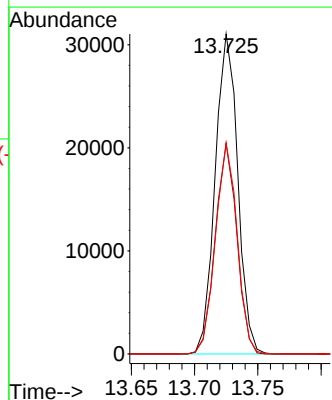
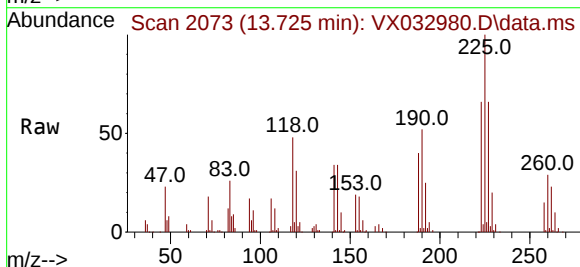
Manual Integrations
APPROVED

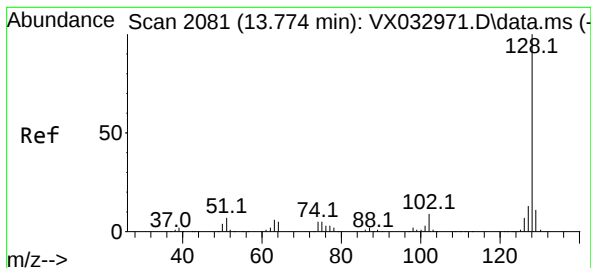
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#94
Hexachlorobutadiene
Concen: 45.792 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

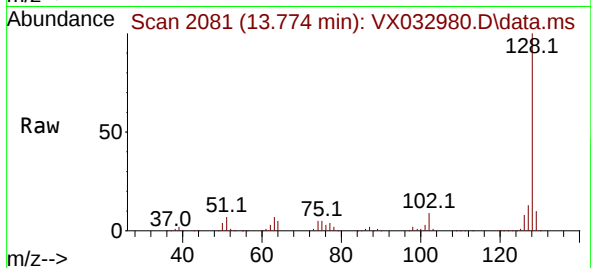
Tgt Ion:225 Resp: 38438
Ion Ratio Lower Upper
225 100
223 63.0 31.9 95.9
227 63.5 31.9 95.5





#95
Naphthalene
Concen: 52.265 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31

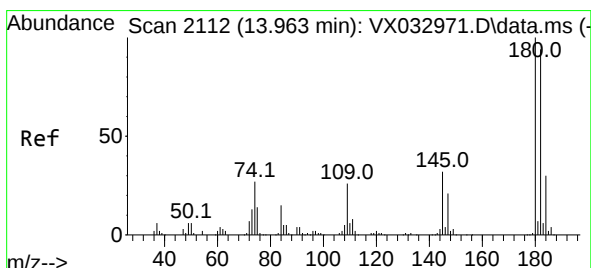
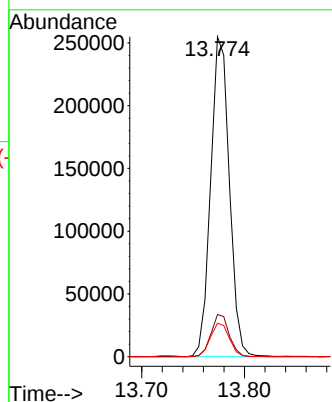
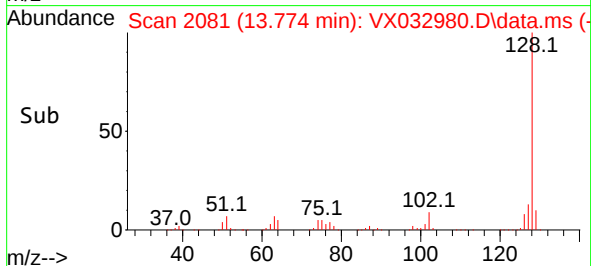
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



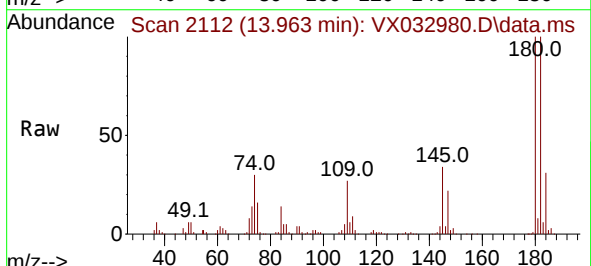
Tgt Ion:128 Resp: 321702
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.156 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032980.D
Acq: 22 Nov 2022 15:31



Tgt Ion:180 Resp: 93789
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.6
145 34.0 16.9 50.6

