

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027491.D
 Acq On : 17 Mar 2022 16:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 18 02:04:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	296428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	474671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	435672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	208869	57.198	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.400%			
35) Dibromofluoromethane	5.385	113	170822	55.935	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.860%			
50) Toluene-d8	8.653	98	595875	51.562	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.120%			
62) 4-Bromofluorobenzene	11.079	95	226714	53.374	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	145449	51.119	ug/l	99
3) Chloromethane	1.294	50	133283	52.768	ug/l	100
4) Vinyl Chloride	1.374	62	145354	49.806	ug/l	100
5) Bromomethane	1.599	94	81260	54.976	ug/l	97
6) Chloroethane	1.679	64	93478	52.197	ug/l	98
7) Trichlorofluoromethane	1.880	101	232936	48.352	ug/l	98
8) Diethyl Ether	2.136	74	98584	54.937	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	146660	51.122	ug/l	94
10) Methyl Iodide	2.447	142	200099	52.692	ug/l	97
11) Tert butyl alcohol	2.971	59	197619	283.959	ug/l	99
12) 1,1-Dichloroethene	2.313	96	140919	51.196	ug/l	97
13) Acrolein	2.233	56	140172	259.552	ug/l	95
14) Allyl chloride	2.660	41	230851	53.596	ug/l	96
15) Acrylonitrile	3.069	53	473866	299.499	ug/l	99
16) Acetone	2.380	43	395850	265.946	ug/l	94
17) Carbon Disulfide	2.508	76	355612	50.773	ug/l	100
18) Methyl Acetate	2.703	43	203849	57.144	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	537816	57.911	ug/l	98
20) Methylene Chloride	2.788	84	167182	52.241	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	157869	53.768	ug/l	98
22) Diisopropyl ether	3.764	45	478200	56.851	ug/l #	90
23) Vinyl Acetate	3.721	43	2162566	295.632	ug/l	96
24) 1,1-Dichloroethane	3.611	63	279237	54.581	ug/l	99
25) 2-Butanone	4.562	43	643975	287.564	ug/l	99
26) 2,2-Dichloropropane	4.477	77	213392	51.079	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	186253	54.699	ug/l	97
28) Bromochloromethane	4.904	49	118003	57.180	ug/l	93
29) Tetrahydrofuran	5.007	42	422426	294.046	ug/l	93
30) Chloroform	5.093	83	307871	54.554	ug/l	98
31) Cyclohexane	5.471	56	225986	49.837	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	263628	51.308	ug/l	99
36) 1,1-Dichloropropene	5.696	75	207331	49.679	ug/l	99
37) Ethyl Acetate	4.721	43	248429	59.739	ug/l	98
38) Carbon Tetrachloride	5.678	117	240134	50.295	ug/l	100
39) Methylcyclohexane	7.385	83	259995	49.541	ug/l	99
40) Benzene	6.038	78	633824	52.937	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	135696	59.831	ug/l	93
42) 1,2-Dichloroethane	6.092	62	257163	57.309	ug/l	96
43) Isopropyl Acetate	6.342	43	382230	57.110	ug/l	96
44) Trichloroethene	7.129	130	181404	49.910	ug/l	99
45) 1,2-Dichloropropane	7.434	63	163988	53.772	ug/l	100
46) Dibromomethane	7.580	93	129834	55.731	ug/l	100
47) Bromodichloromethane	7.824	83	241442	55.041	ug/l	99
48) Methyl methacrylate	7.696	41	193574	58.442	ug/l	89
49) 1,4-Dioxane	7.659	88	93873	1103.442	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1234434	288.933	ug/l	94
52) Toluene	8.720	92	412362	51.394	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	254692	56.571	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	275920	56.312	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	179225	54.862	ug/l	99
56) Ethyl methacrylate	9.116	69	275360	56.336	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	293838	55.403	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	653584	264.209	ug/l	98
59) 2-Hexanone	9.433	43	954270	290.004	ug/l	92
60) Dibromochloromethane	9.525	129	198622	55.231	ug/l	97
61) 1,2-Dibromoethane	9.610	107	196443	54.711	ug/l	99
64) Tetrachloroethene	9.275	164	169589	50.064	ug/l	97
65) Chlorobenzene	10.079	112	458631	51.174	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	177057	52.951	ug/l	99
67) Ethyl Benzene	10.195	91	785927	51.233	ug/l	98
68) m/p-Xylenes	10.305	106	618968	102.476	ug/l	100
69) o-Xylene	10.646	106	307321	52.403	ug/l	99
70) Styrene	10.659	104	518185	54.089	ug/l	99
71) Bromoform	10.799	173	148221	55.486	ug/l #	100
73) Isopropylbenzene	10.963	105	785637	48.330	ug/l	100
74) N-amyl acetate	10.842	43	313697	54.423	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	274033	53.218	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	255652m	54.766	ug/l	
77) Bromobenzene	11.201	156	206899	50.495	ug/l	95
78) n-propylbenzene	11.305	91	885367	49.615	ug/l	98
79) 2-Chlorotoluene	11.366	91	543387	48.543	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	683335	49.946	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	82911	53.941	ug/l	90
82) 4-Chlorotoluene	11.457	91	634019	49.746	ug/l	98
83) tert-Butylbenzene	11.719	119	702938	51.864	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	727218	53.298	ug/l	100
85) sec-Butylbenzene	11.890	105	839929	51.282	ug/l	99
86) p-Isopropyltoluene	12.012	119	716074	50.901	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	390861	51.486	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	388652	50.595	ug/l	99
89) n-Butylbenzene	12.335	91	592715	50.486	ug/l	97
90) Hexachloroethane	12.542	117	111221	49.575	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	382679	51.625	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65269	55.266	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	246544	51.891	ug/l	98
94) Hexachlorobutadiene	13.725	225	102334	48.759	ug/l	95
95) Naphthalene	13.780	128	861854	55.723	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	248543	51.714	ug/l	96

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ClientSampleId :
VSTDCCC050

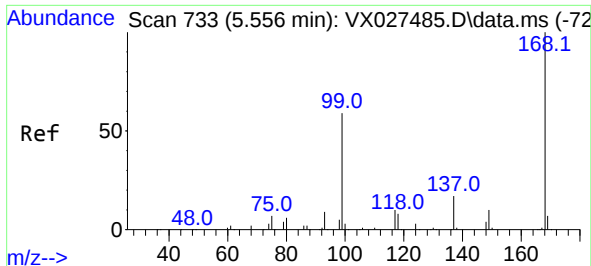
Manual Integrations
APPROVED

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Quant Time: Mar 18 02:04:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

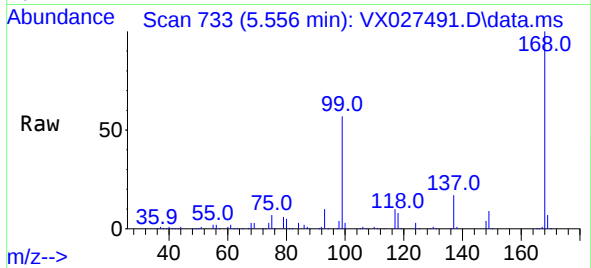
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027491.D
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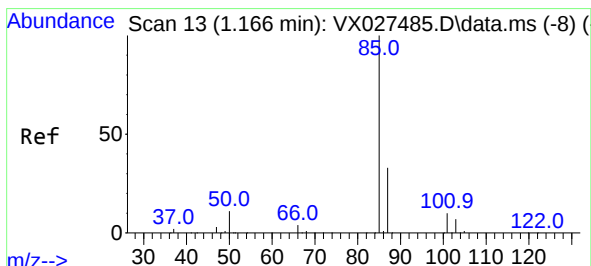
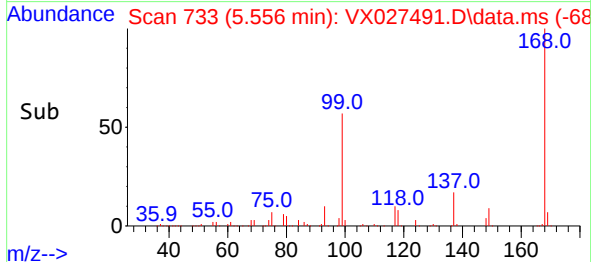
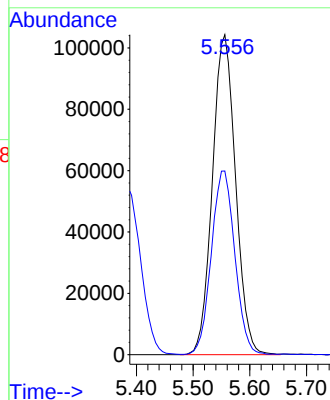
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 296428
Ion Ratio Lower Upper
168 100
99 57.3 41.7 62.5

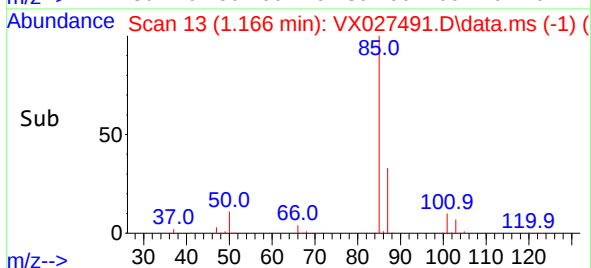
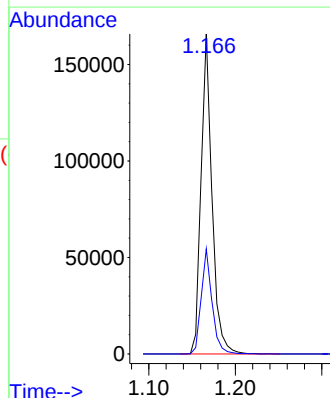
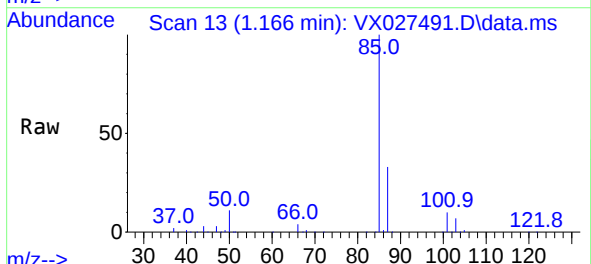
Manual Integrations
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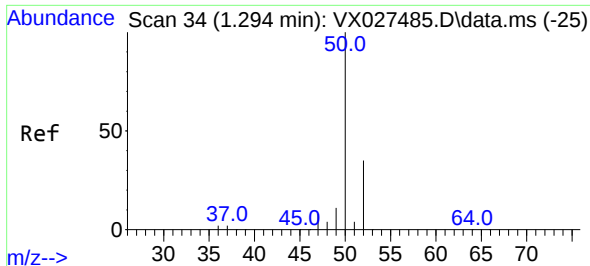
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#2
Dichlorodifluoromethane
Concen: 51.119 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 85 Resp: 145449
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6





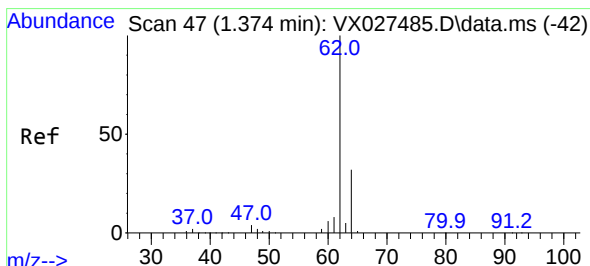
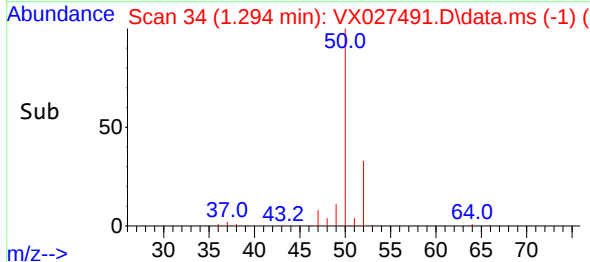
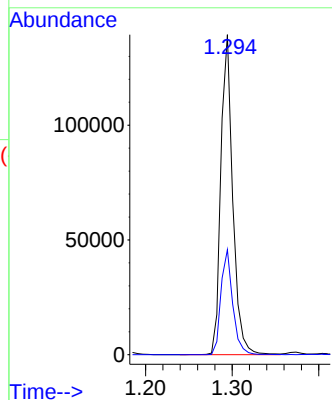
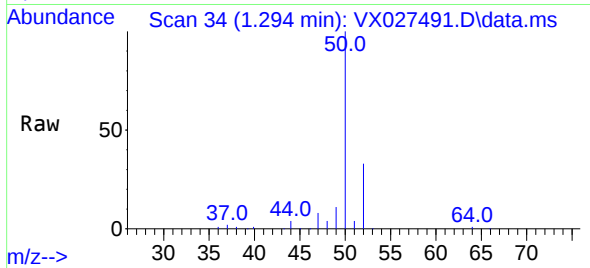
#3
Chloromethane
Concen: 52.768 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 133283
Ion Ratio Lower Upper
50 100
52 32.8 26.4 39.6

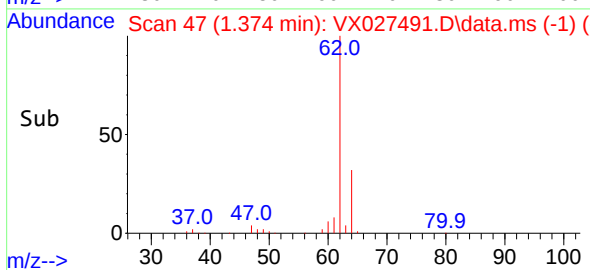
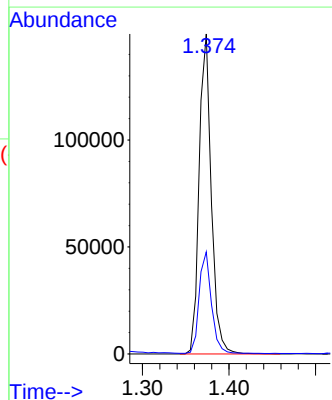
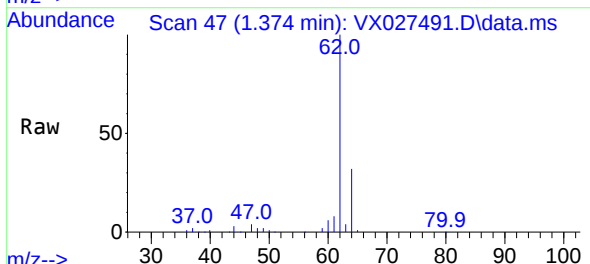
Manual Integrations
APPROVED

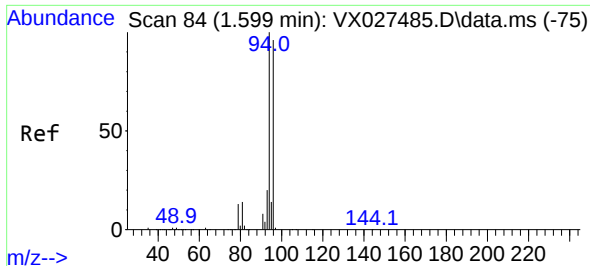
Reviewed By :John Carlone 03/18/2022
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#4
Vinyl Chloride
Concen: 49.806 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

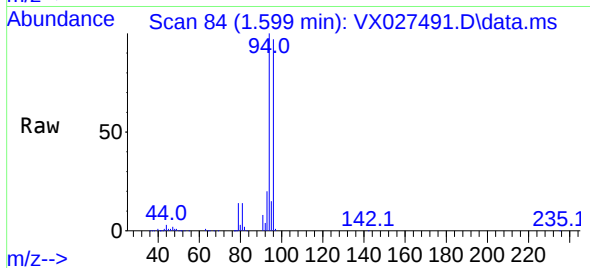
Tgt Ion: 62 Resp: 145354
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3





#5
Bromomethane
Concen: 54.976 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

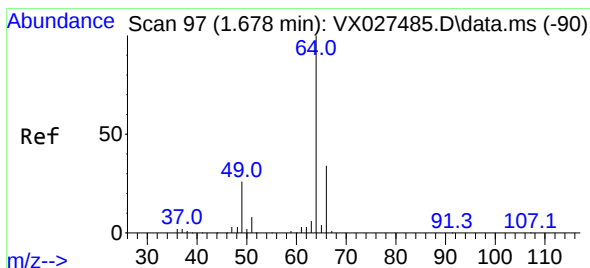
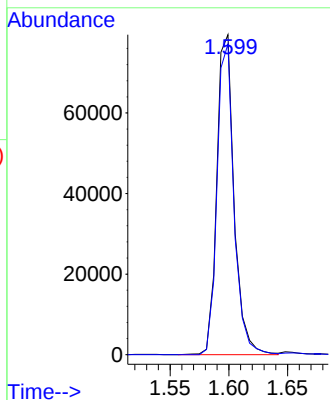
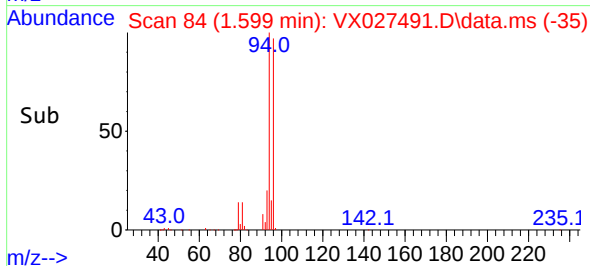
Instrument :
MSVOA_X
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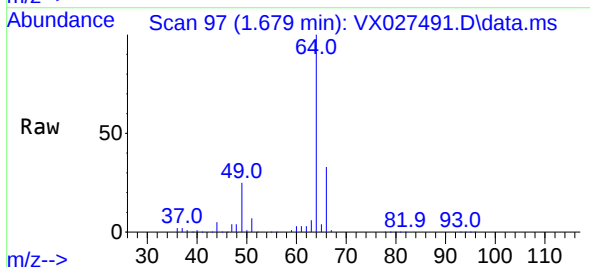
Tgt Ion: 94 Resp: 81260
Ion Ratio Lower Upper
94 100
96 97.1 75.3 112.9

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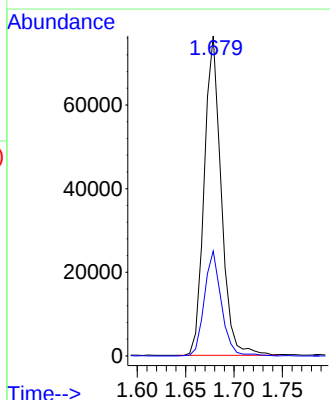
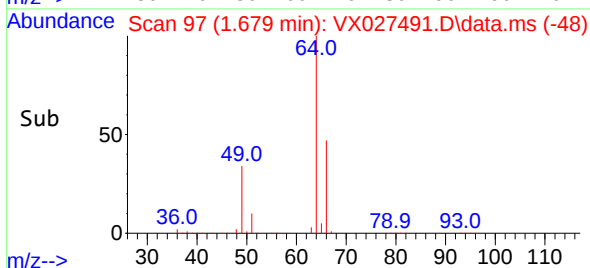
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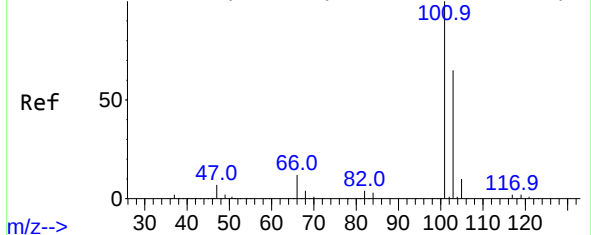
#6
Chloroethane
Concen: 52.197 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



Tgt Ion: 64 Resp: 93478
Ion Ratio Lower Upper
64 100
66 32.9 25.3 37.9



Abundance Scan 130 (1.880 min): VX027485.D\data.ms (-12



#7
Trichlorofluoromethane
Concen: 48.352 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

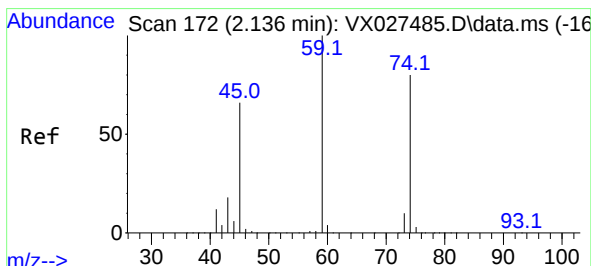
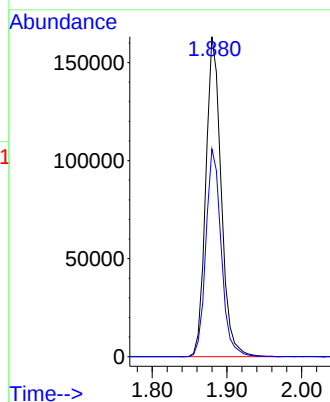
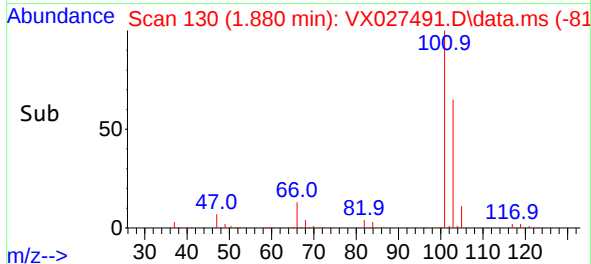
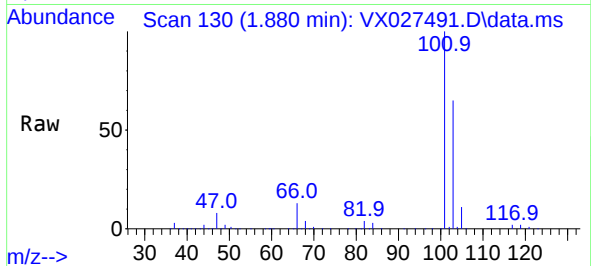
VSTDCCC050

Tgt Ion:101 Resp: 232930
Ion Ratio Lower Upper
101 100
103 64.9 50.5 75.7

Manual Integrations

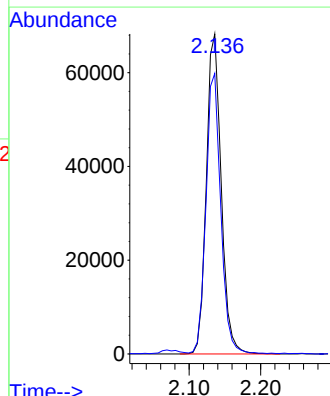
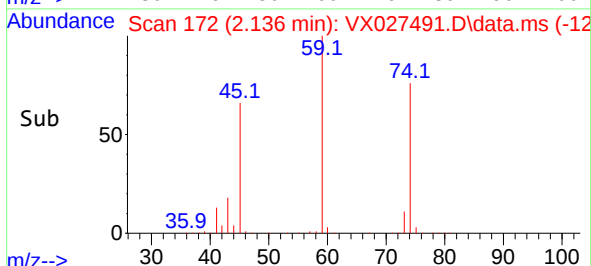
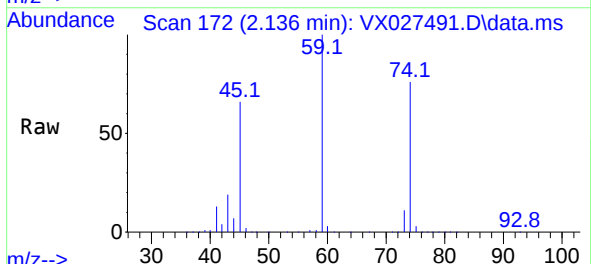
APPROVED

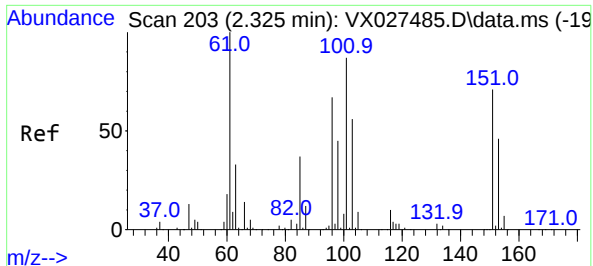
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#8
Diethyl Ether
Concen: 54.937 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

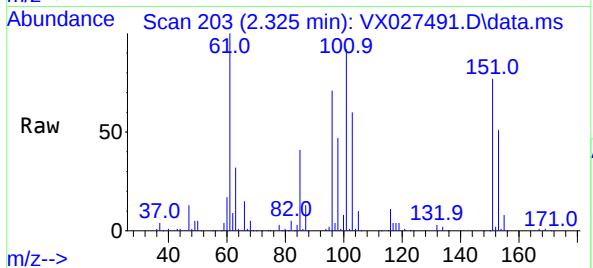
Tgt Ion: 74 Resp: 98584
Ion Ratio Lower Upper
74 100
45 87.0 42.0 126.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.122 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027491.D
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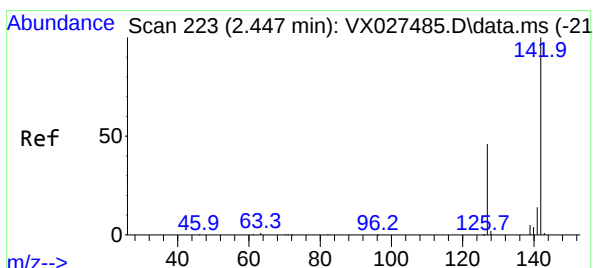
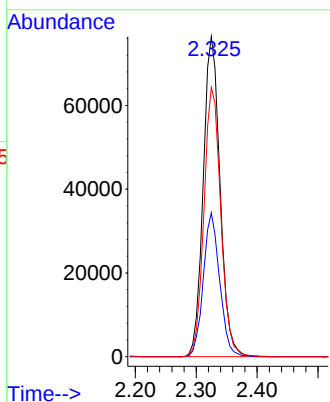
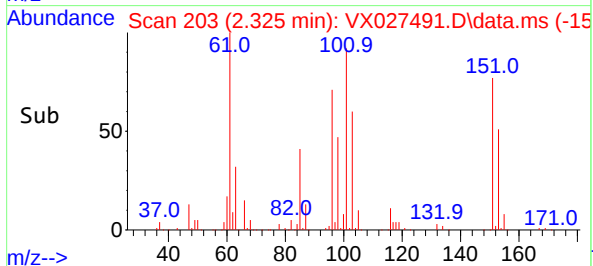
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



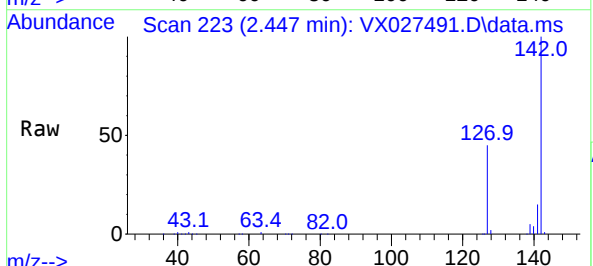
Tgt Ion:101 Resp: 146660
Ion Ratio Lower Upper
101 100
85 43.6 33.5 50.3
151 84.3 61.8 92.6

Manual Integrations
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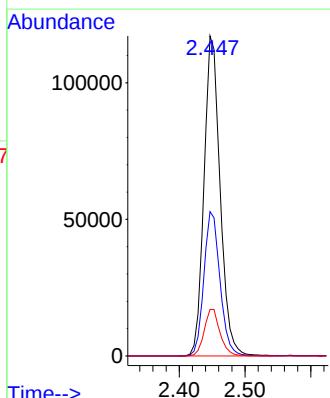
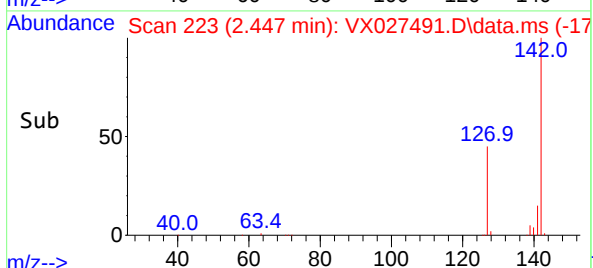
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

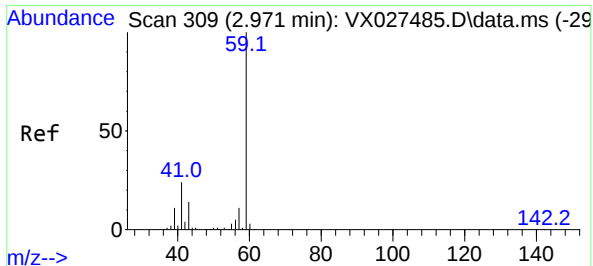


#10
Methyl Iodide
Concen: 52.692 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



Tgt Ion:142 Resp: 200099
Ion Ratio Lower Upper
142 100
127 45.0 33.9 50.9
141 14.3 11.4 17.2





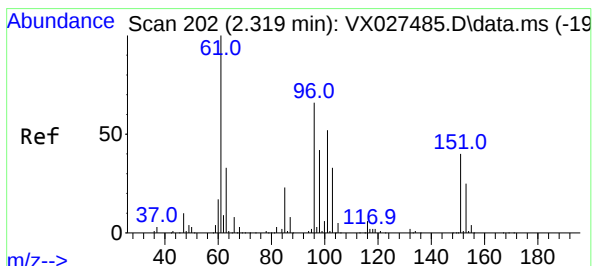
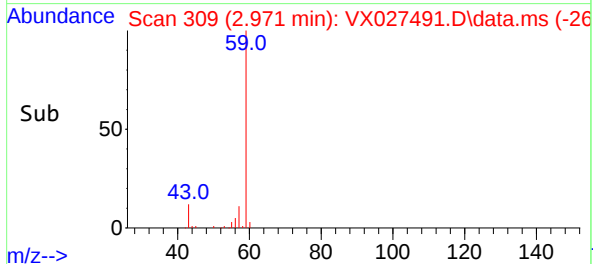
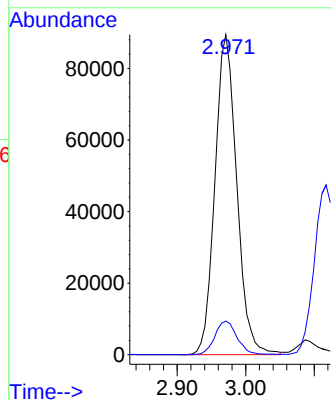
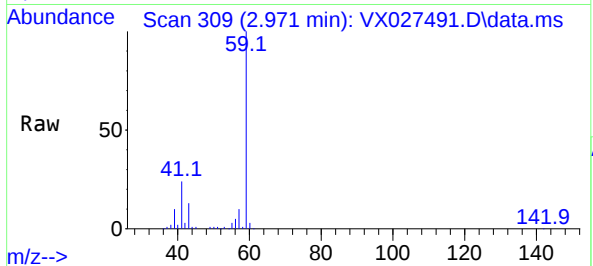
#11
Tert butyl alcohol
Concen: 283.959 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 197619
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

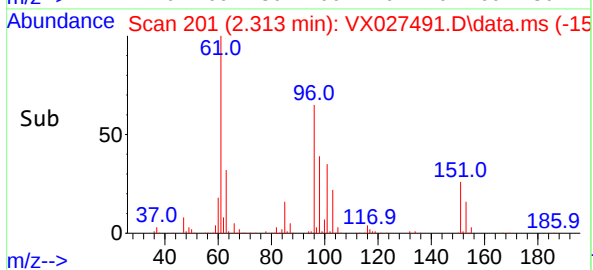
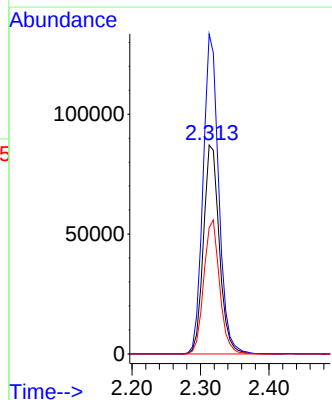
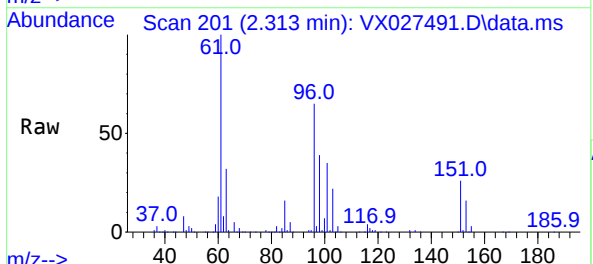
Manual Integrations
APPROVED

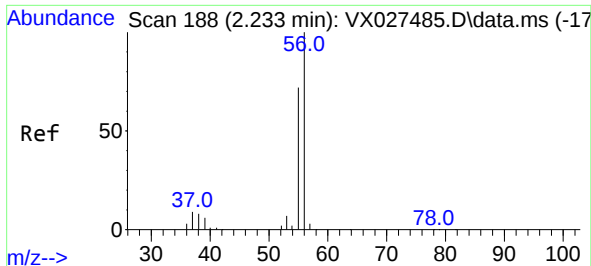
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#12
1,1-Dichloroethene
Concen: 51.196 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

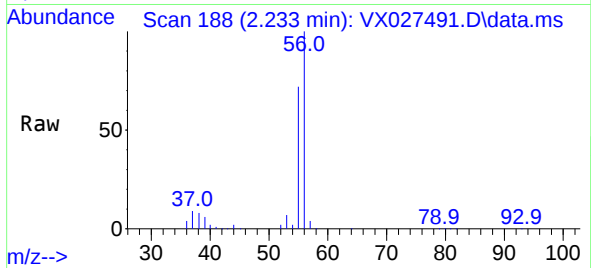
Tgt Ion: 96 Resp: 140919
Ion Ratio Lower Upper
96 100
61 153.2 124.6 187.0
98 60.5 51.0 76.4





#13
Acrolein
Concen: 259.552 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

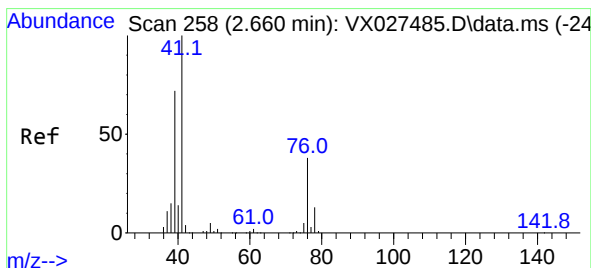
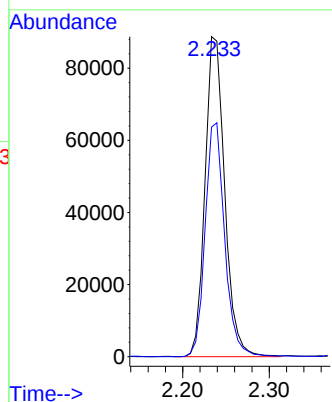
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



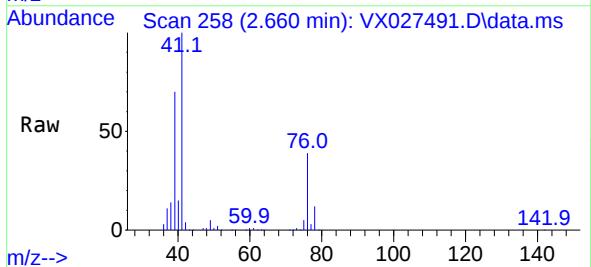
Tgt Ion: 56 Resp: 140172
Ion Ratio Lower Upper
56 100
55 72.8 55.0 82.6

Manual Integrations
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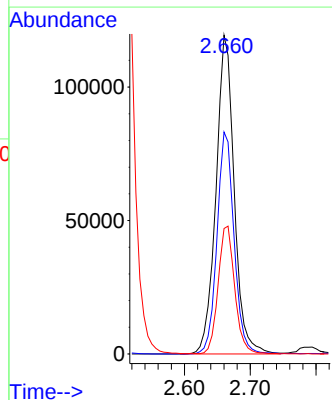
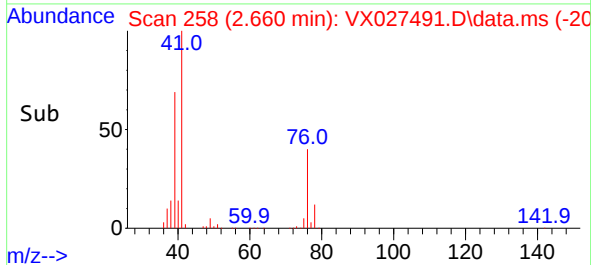
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

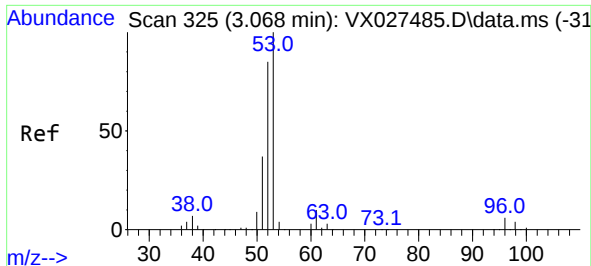


#14
Allyl chloride
Concen: 53.596 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



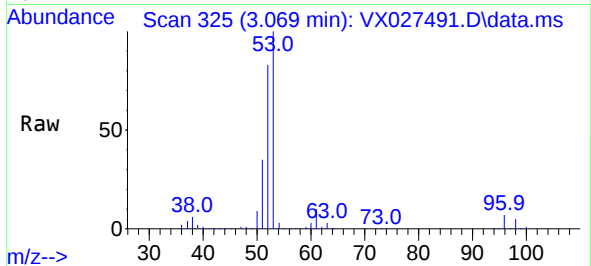
Tgt Ion: 41 Resp: 230851
Ion Ratio Lower Upper
41 100
39 65.1 50.4 75.6
76 36.6 32.7 49.1





#15
Acrylonitrile
Concen: 299.499 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

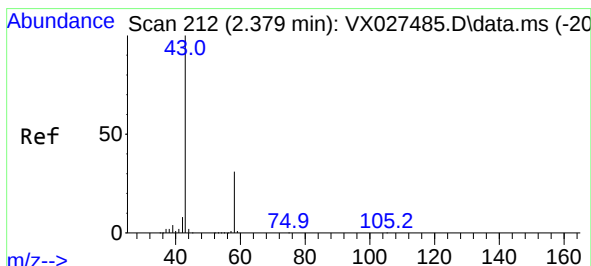
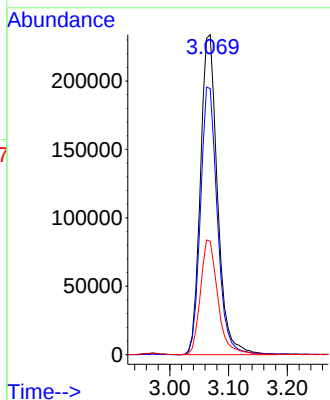
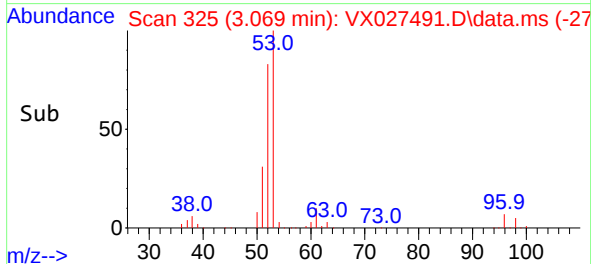
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



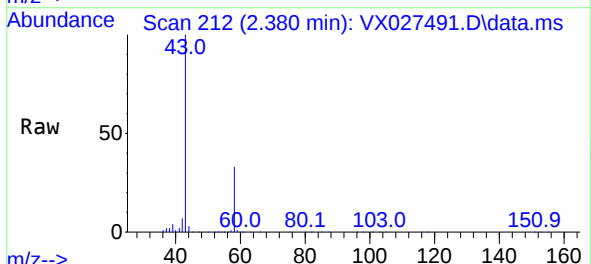
Tgt Ion: 53 Resp: 473860
Ion Ratio Lower Upper
53 100
52 82.8 65.7 98.5
51 36.8 28.4 42.6

Manual Integrations
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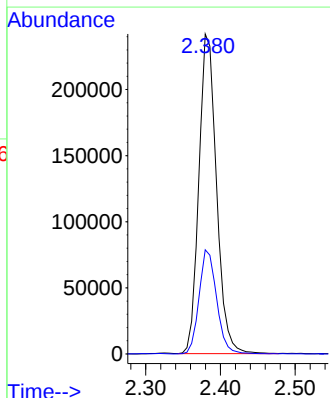
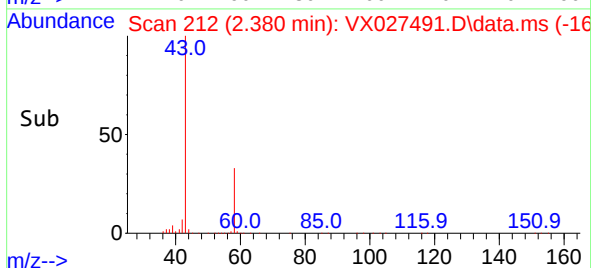
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

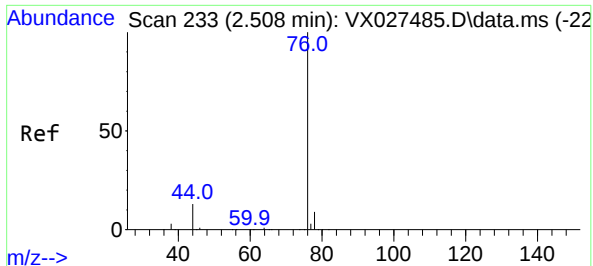


#16
Acetone
Concen: 265.946 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



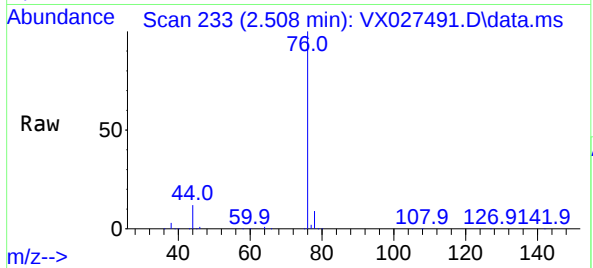
Tgt Ion: 43 Resp: 395850
Ion Ratio Lower Upper
43 100
58 32.6 28.8 43.2





#17
Carbon Disulfide
Concen: 50.773 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

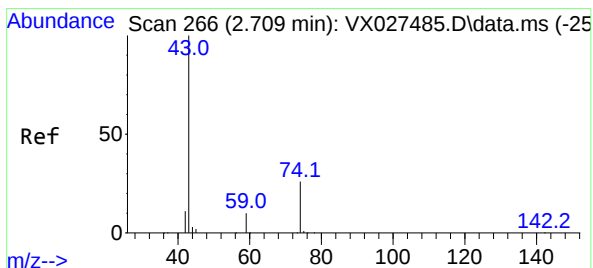
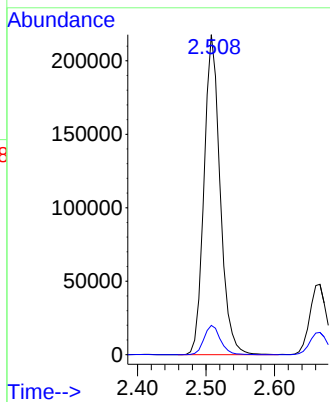
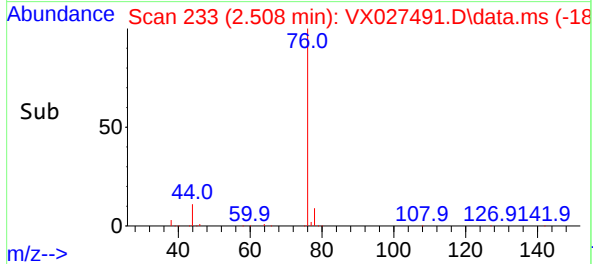
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



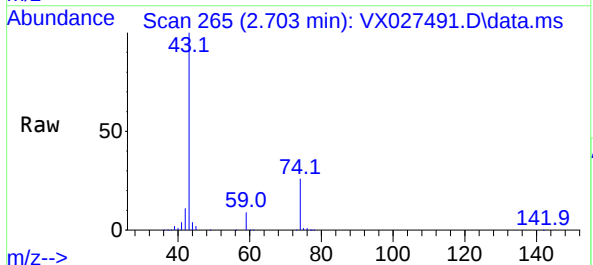
Tgt Ion: 76 Resp: 355612
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

Manual Integrations
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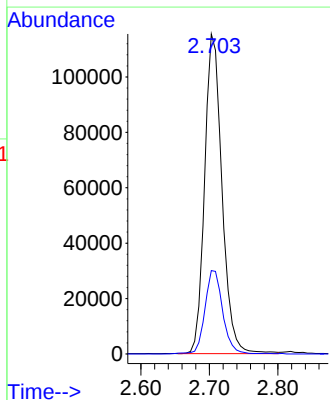
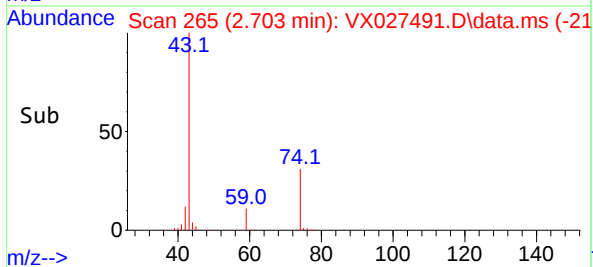
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

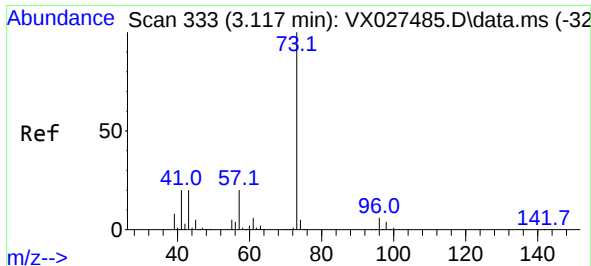


#18
Methyl Acetate
Concen: 57.144 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



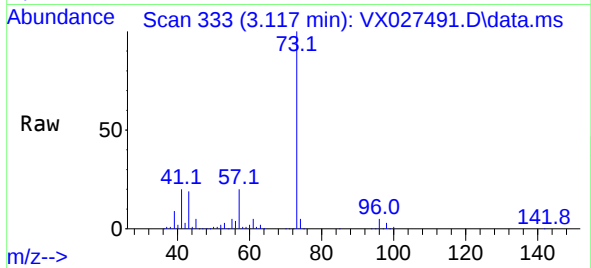
Tgt Ion: 43 Resp: 203849
Ion Ratio Lower Upper
43 100
74 26.6 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 57.911 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

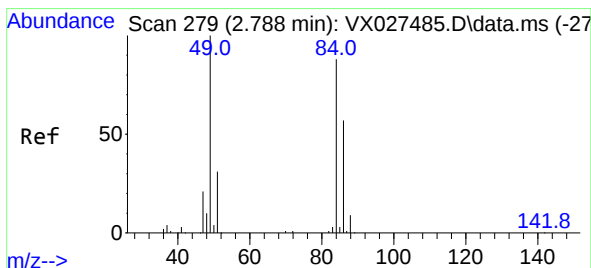
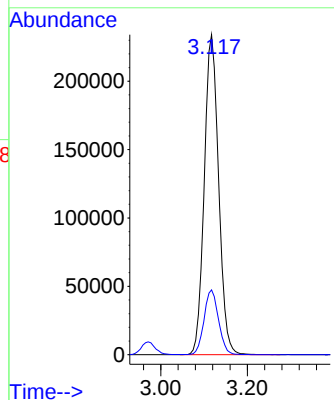
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



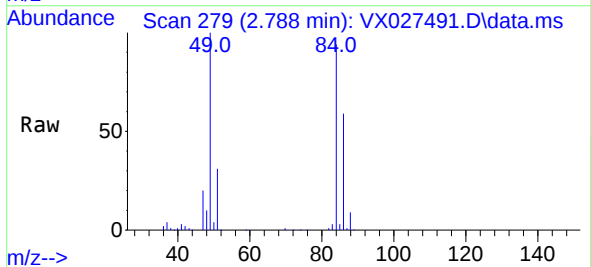
Tgt Ion: 73 Resp: 537810
Ion Ratio Lower Upper
73 100
57 20.3 16.8 25.2

Manual Integrations
APPROVED

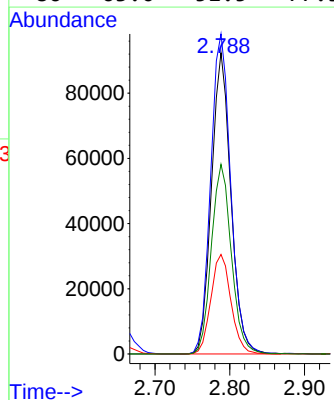
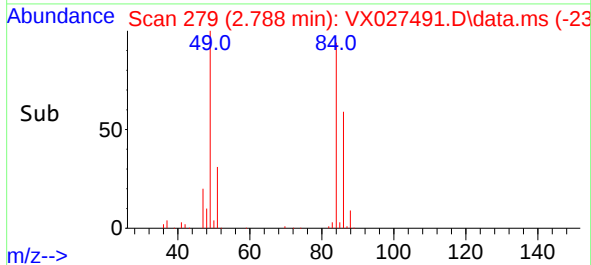
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

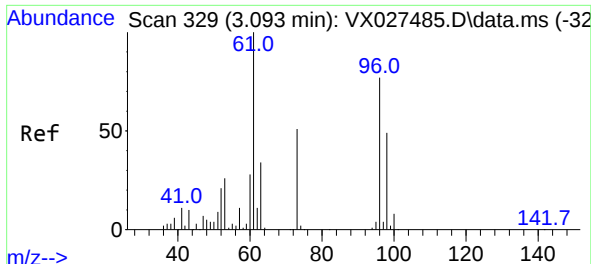


#20
Methylene Chloride
Concen: 52.241 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



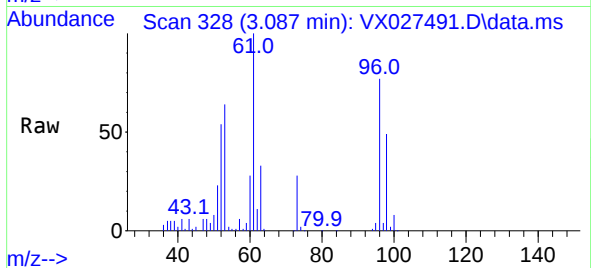
Tgt Ion: 84 Resp: 167182
Ion Ratio Lower Upper
84 100
49 106.2 85.5 128.3
51 33.0 26.6 39.8
86 63.0 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 53.768 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

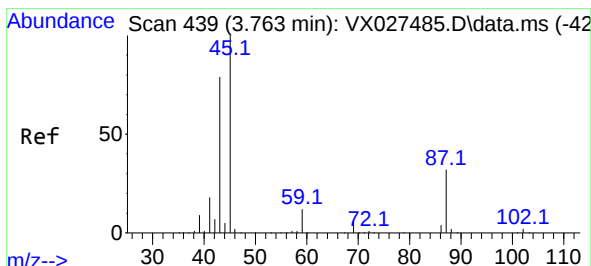
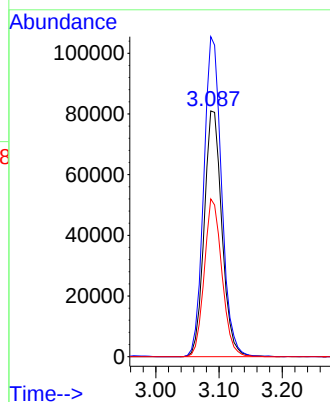
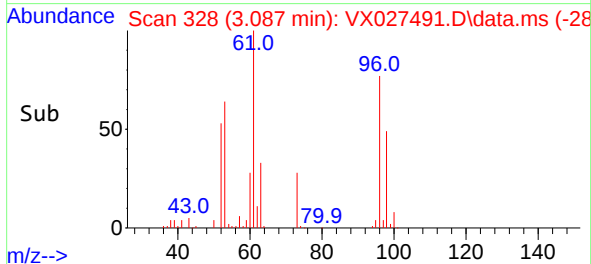
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



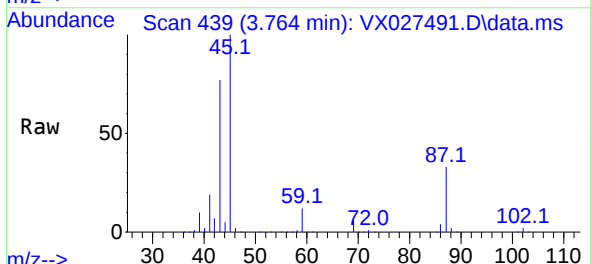
Tgt Ion: 96 Resp: 157869
Ion Ratio Lower Upper
96 100
61 130.2 105.4 158.2
98 64.2 50.0 75.0

Manual Integrations
APPROVED

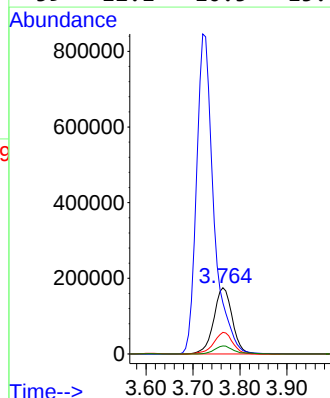
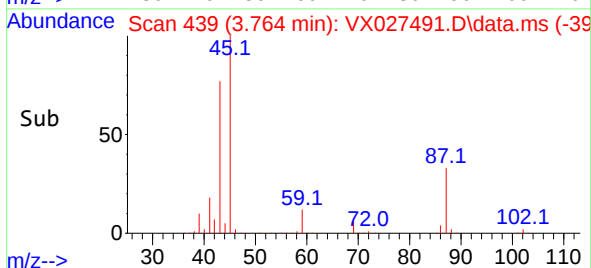
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

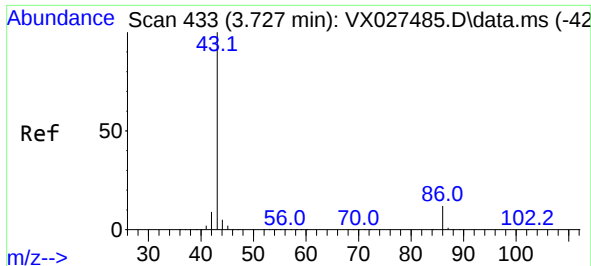


#22
Diisopropyl ether
Concen: 56.851 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



Tgt Ion: 45 Resp: 478200
Ion Ratio Lower Upper
45 100
43 76.6 50.8 76.2#
87 32.5 26.6 39.8
59 12.1 10.5 15.7





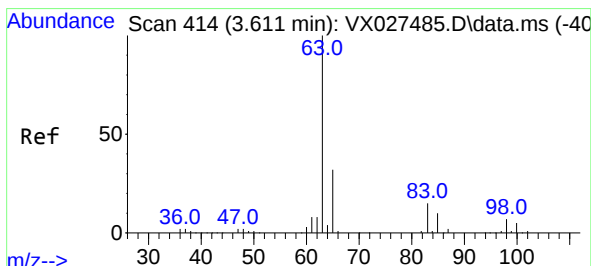
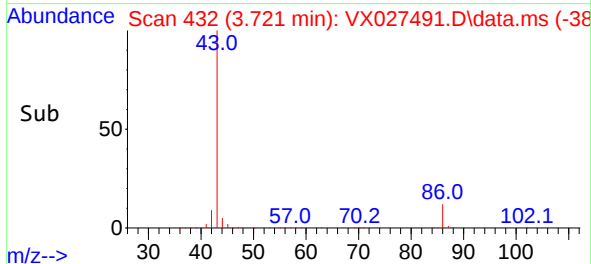
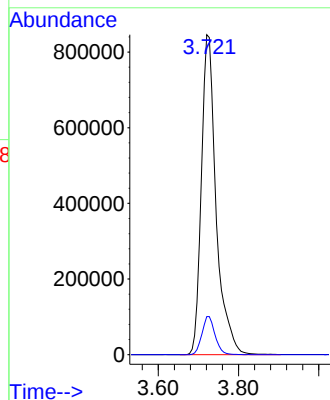
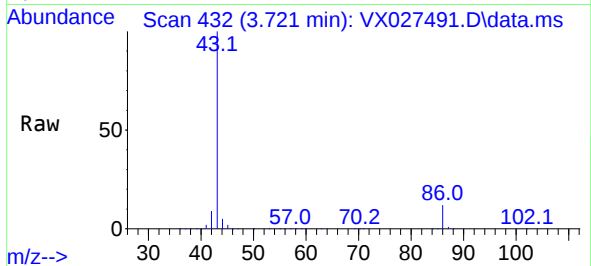
#23
 Vinyl Acetate
 Concen: 295.632 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX027491.D
 Acq: 17 Mar 2022 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 216256
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.8 16.2

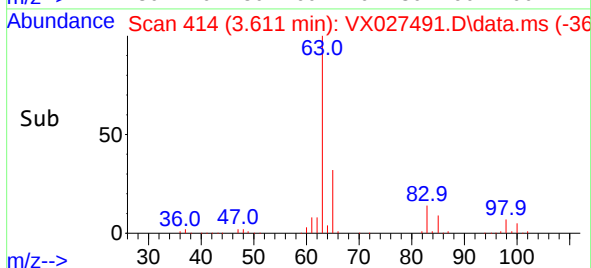
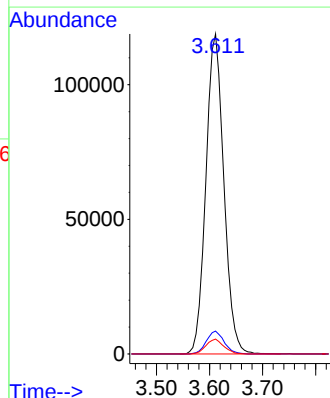
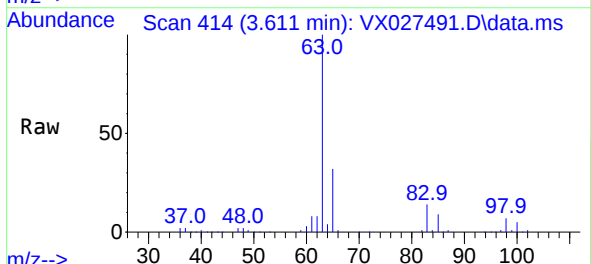
Manual Integrations
 APPROVED

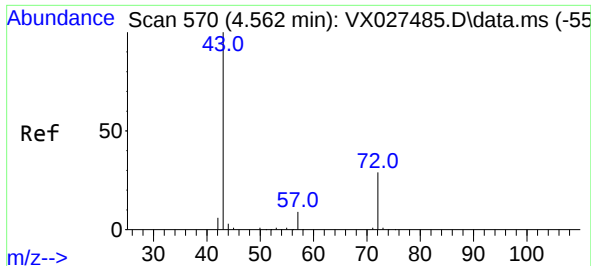
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#24
 1,1-Dichloroethane
 Concen: 54.581 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX027491.D
 Acq: 17 Mar 2022 16:43

Tgt Ion: 63 Resp: 279237
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 4.6 2.4 7.2





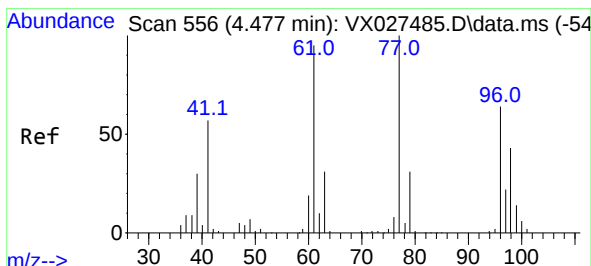
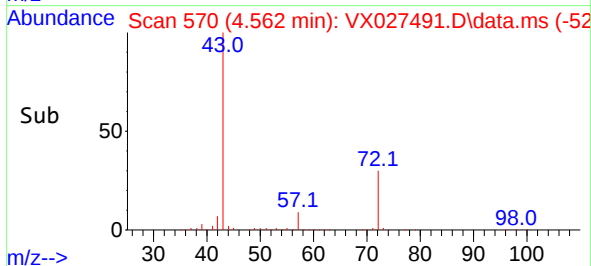
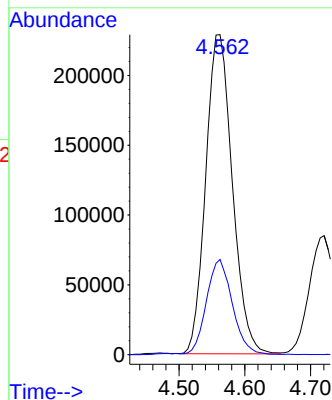
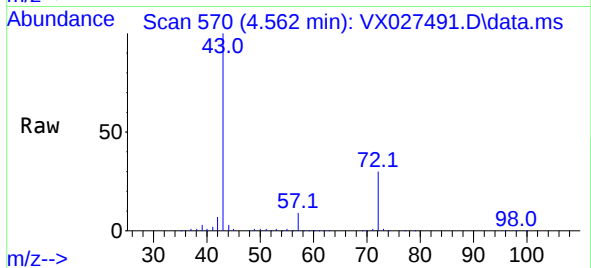
#25
2-Butanone
Concen: 287.564 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 64397
Ion Ratio Lower Upper
43 100
72 29.7 24.4 36.6

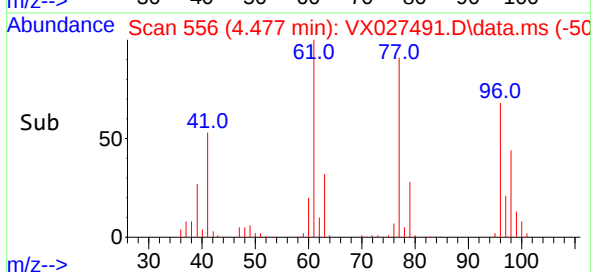
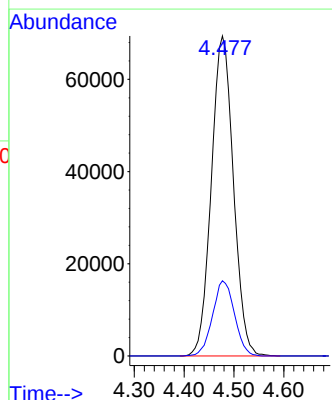
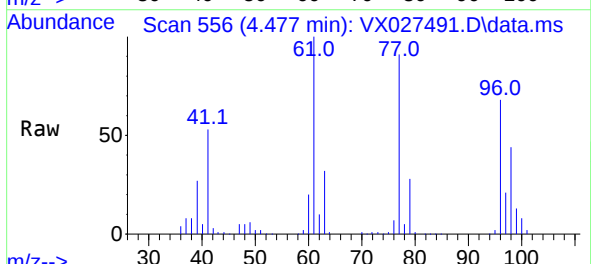
Manual Integrations
APPROVED

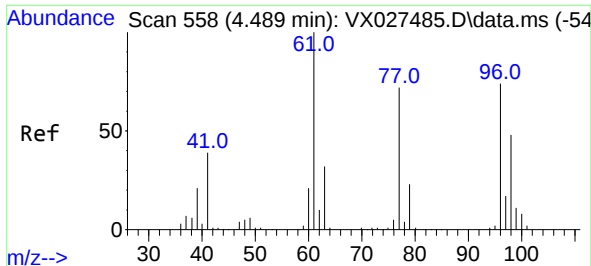
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#26
2,2-Dichloropropane
Concen: 51.079 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 77 Resp: 213392
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.4





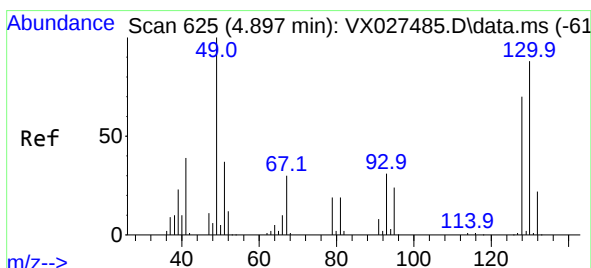
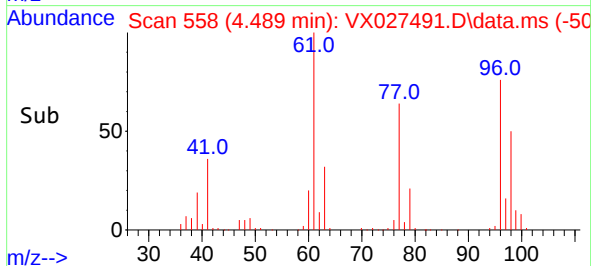
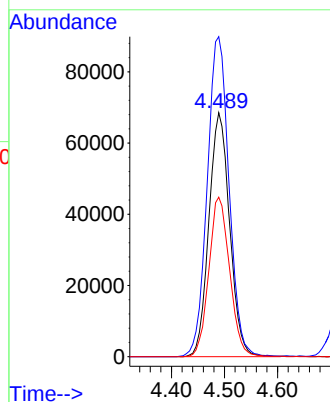
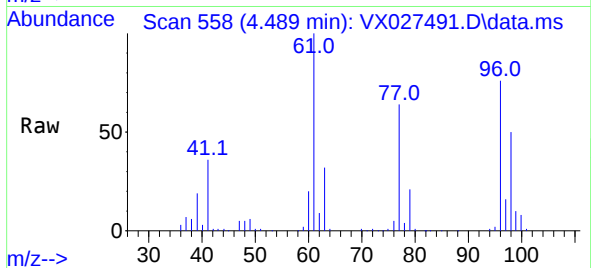
#27
cis-1,2-Dichloroethene
Concen: 54.699 ug/l
RT: 4.489 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 18625
Ion Ratio Lower Upper
96 100
61 137.8 0.0 283.8
98 65.6 0.0 129.8

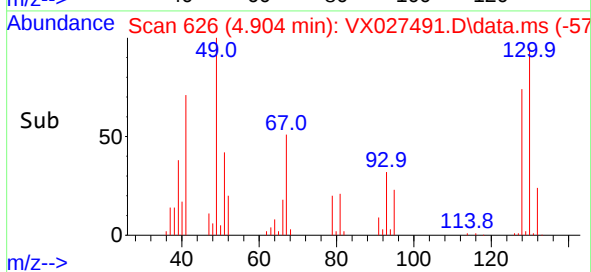
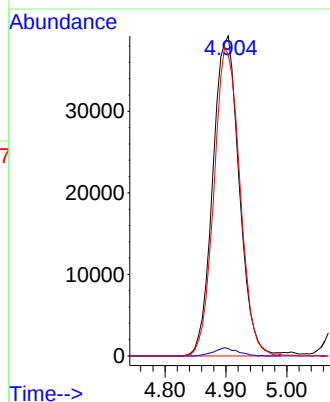
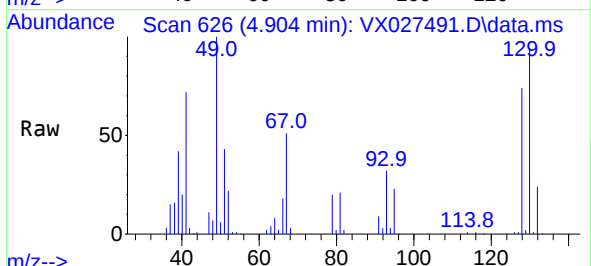
Manual Integrations
APPROVED

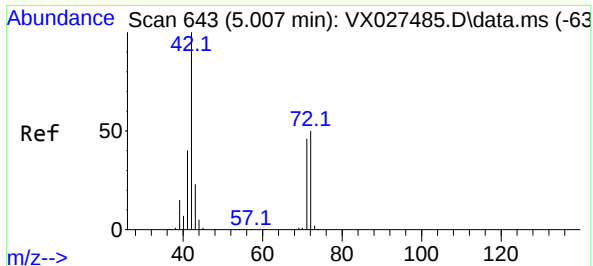
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#28
Bromochloromethane
Concen: 57.180 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 49 Resp: 118003
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.4
130 95.0 70.7 106.1





#29

Tetrahydrofuran

Concen: 294.046 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX027491.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 422420

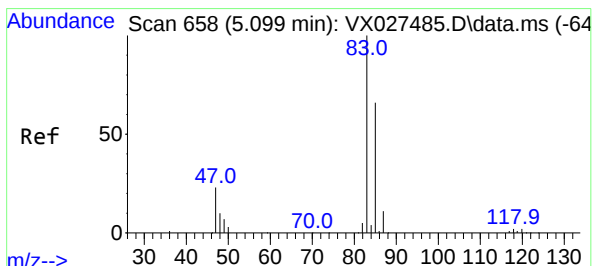
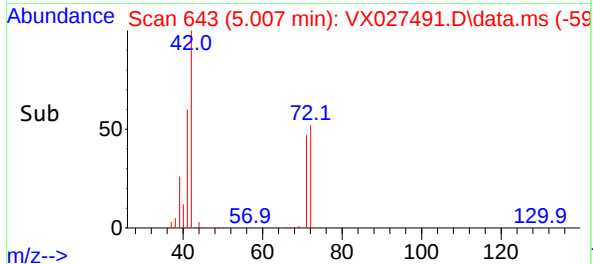
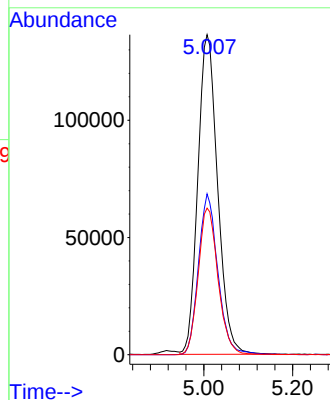
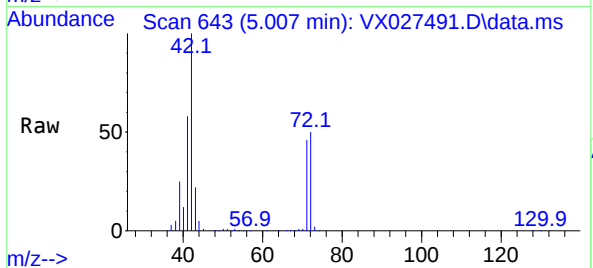
Ion	Ratio	Lower	Upper
42	100		
72	49.5	44.1	66.1
71	46.0	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#30

Chloroform

Concen: 54.554 ug/l

RT: 5.093 min Scan# 657

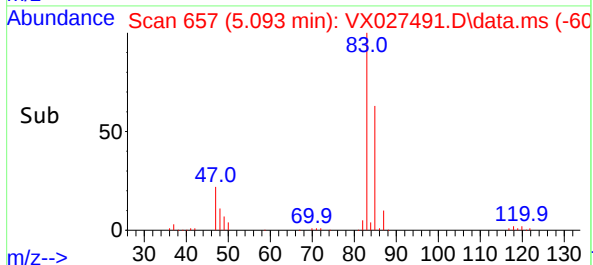
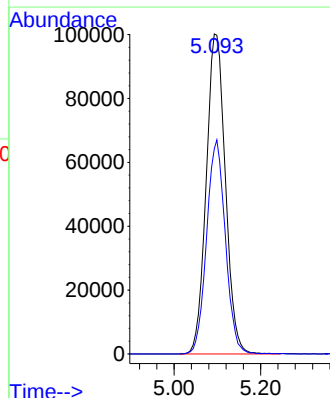
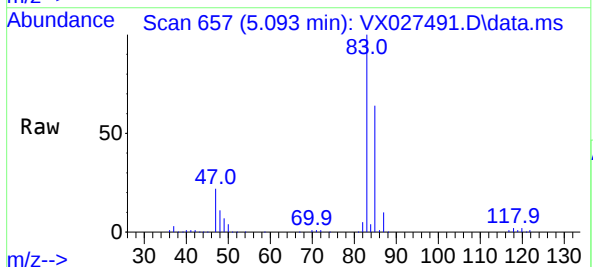
Delta R.T. -0.006 min

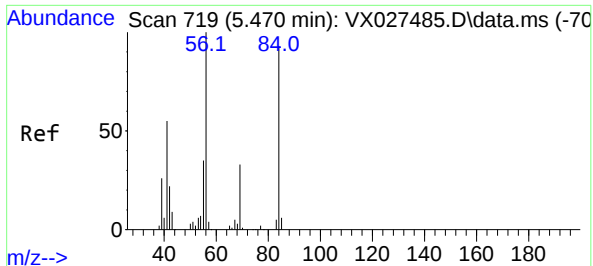
Lab File: VX027491.D

Acq: 17 Mar 2022 16:43

Tgt Ion: 83 Resp: 307871

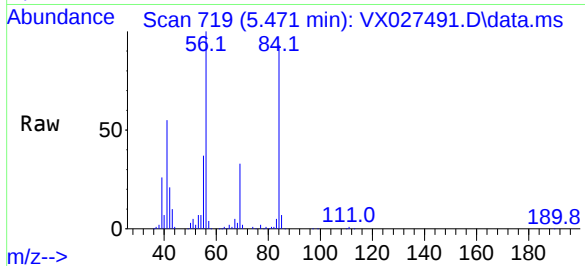
Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.7	79.1





#31
Cyclohexane
Concen: 49.837 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

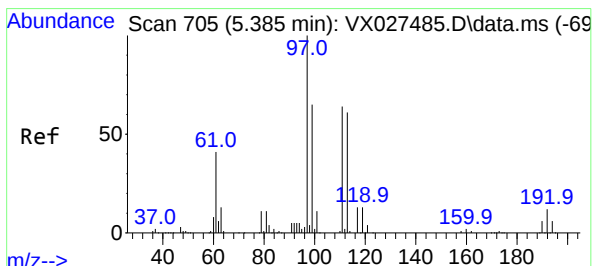
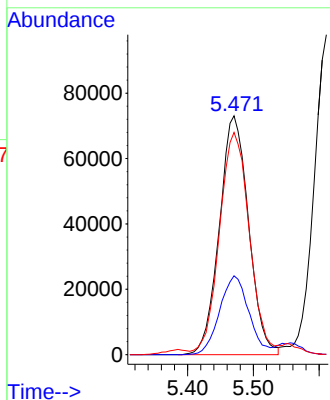
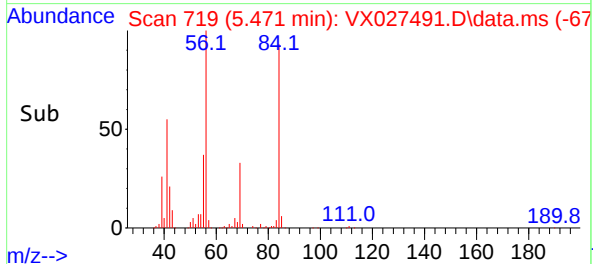
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



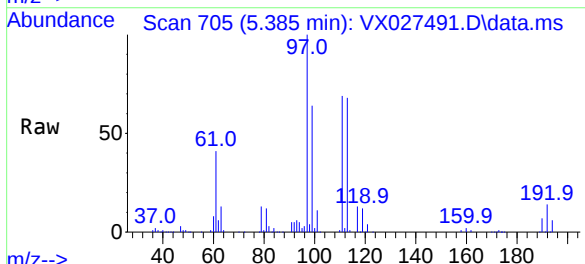
Tgt Ion: 56 Resp: 225986
Ion Ratio Lower Upper
56 100
69 33.1 26.7 40.1
84 90.8 77.2 115.8

Manual Integrations
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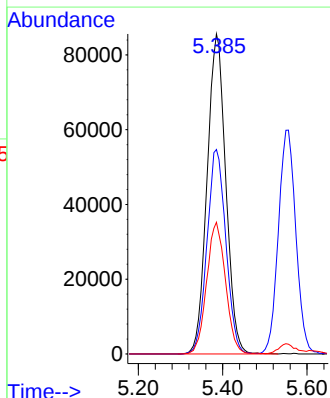
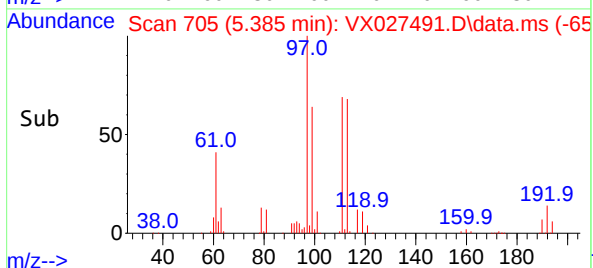
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

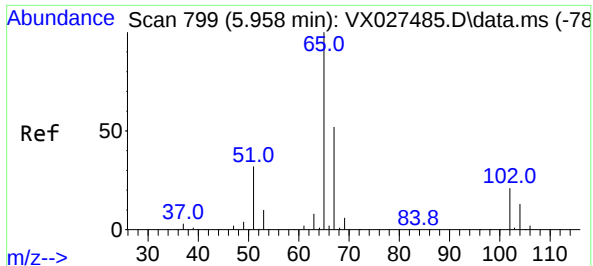


#32
1,1,1-Trichloroethane
Concen: 51.308 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



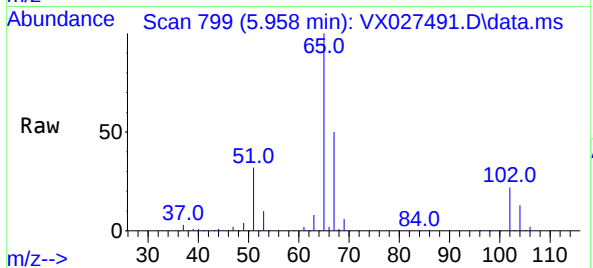
Tgt Ion: 97 Resp: 263628
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 41.4 34.0 51.0





#33
1,2-Dichloroethane-d4
Concen: 57.198 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

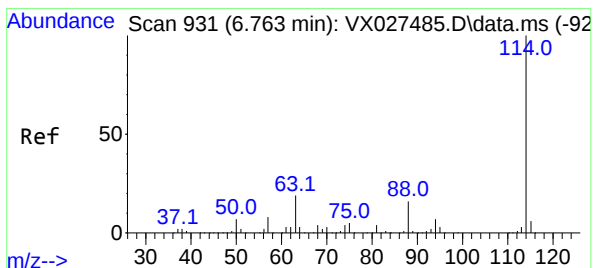
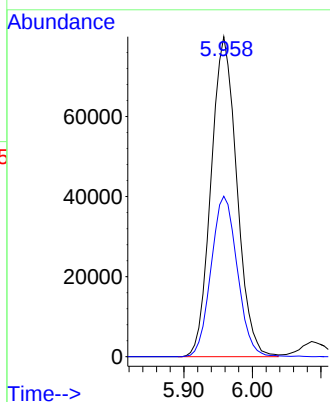
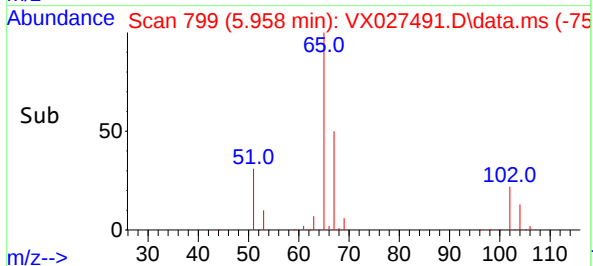
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



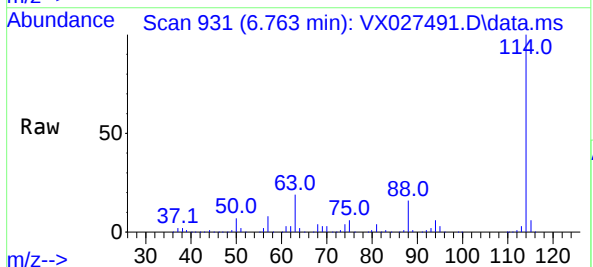
Tgt Ion: 65 Resp: 208869
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.4

Manual Integrations
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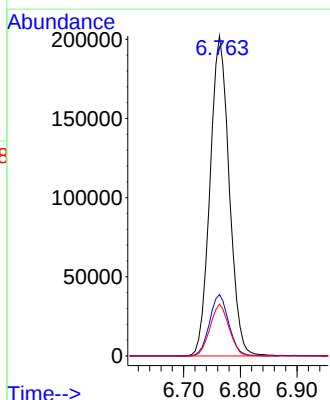
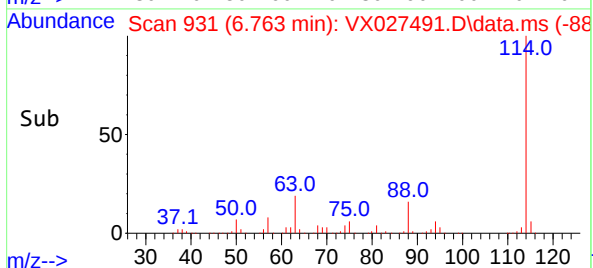
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

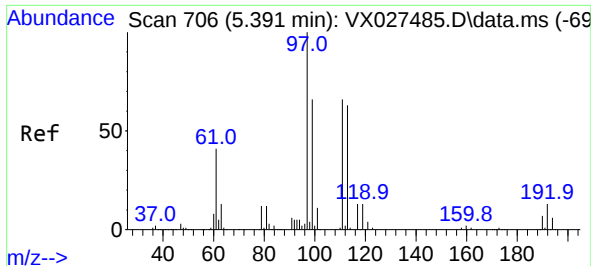


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



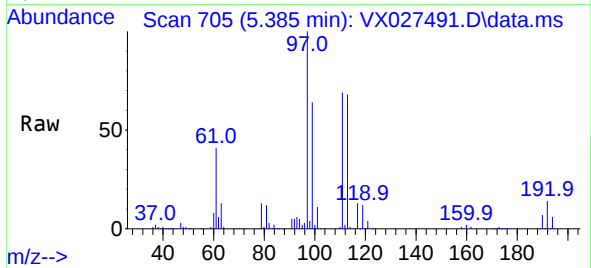
Tgt Ion:114 Resp: 474671
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.8
88 16.2 0.0 32.4





#35
Dibromofluoromethane
Concen: 55.935 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

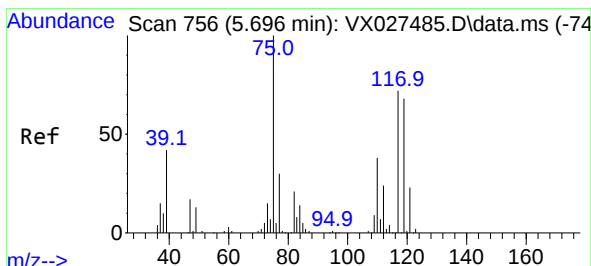
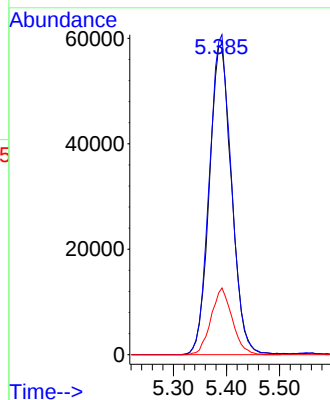
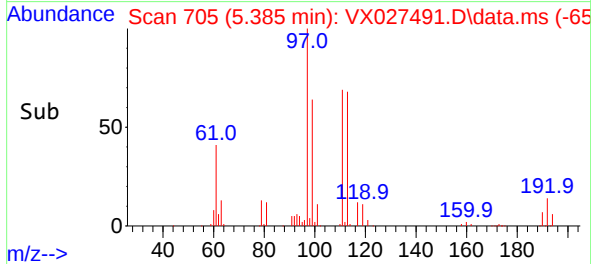
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 17082
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 20.5 16.9 25.3

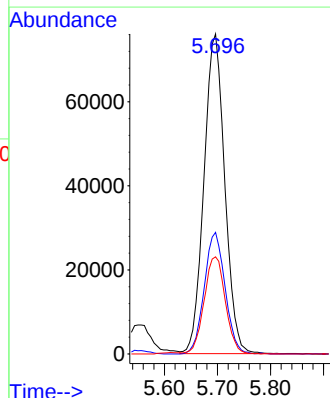
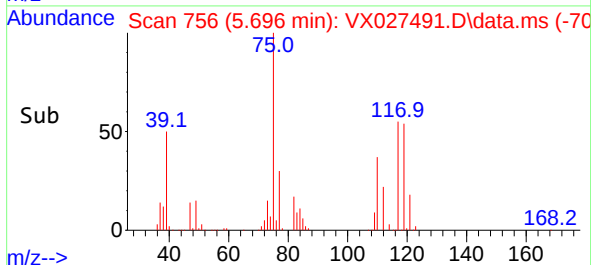
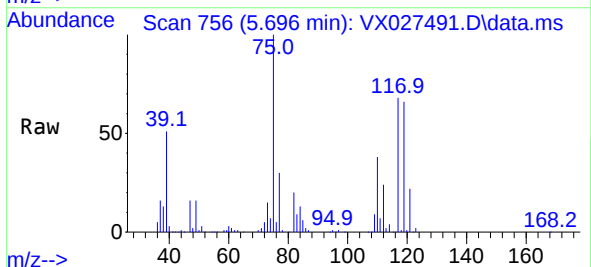
Manual Integrations
APPROVED

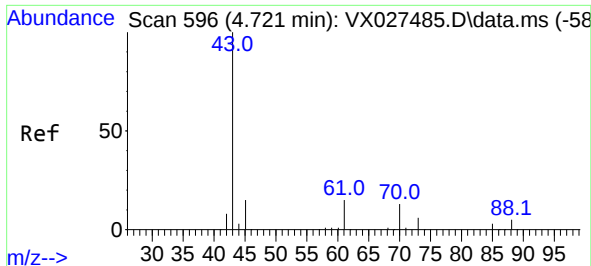
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#36
1,1-Dichloropropene
Concen: 49.679 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 75 Resp: 207331
Ion Ratio Lower Upper
75 100
110 38.0 18.3 54.8
77 31.0 24.8 37.2





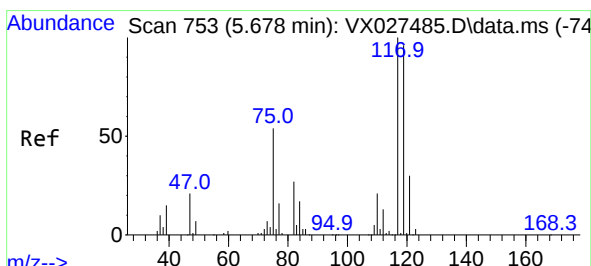
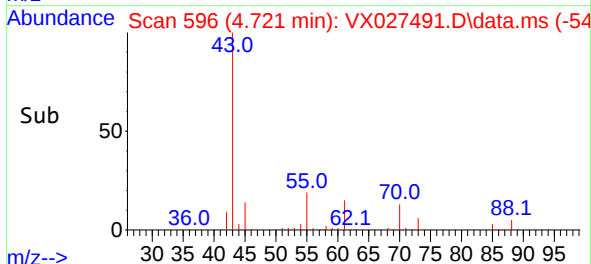
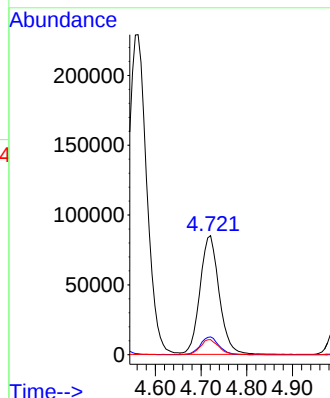
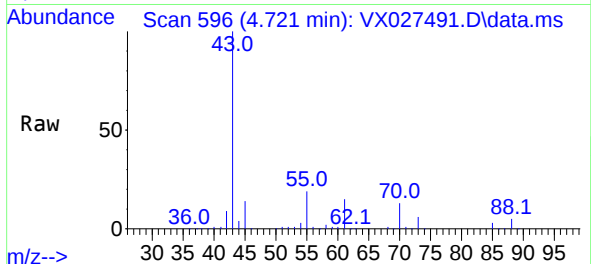
#37
Ethyl Acetate
Concen: 59.739 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 248429
Ion Ratio Lower Upper
43 100
61 14.4 12.6 19.0
70 12.2 10.2 15.2

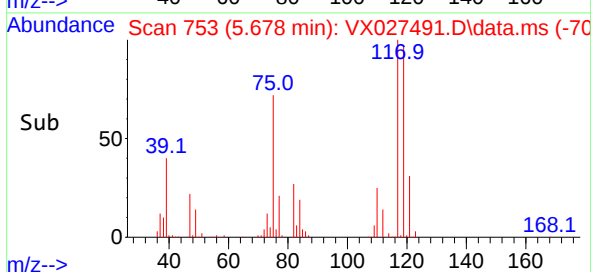
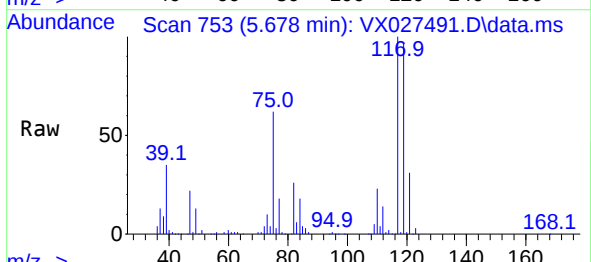
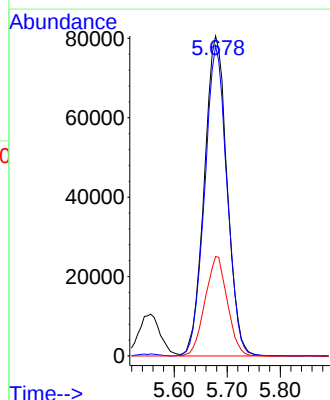
Manual Integrations
APPROVED

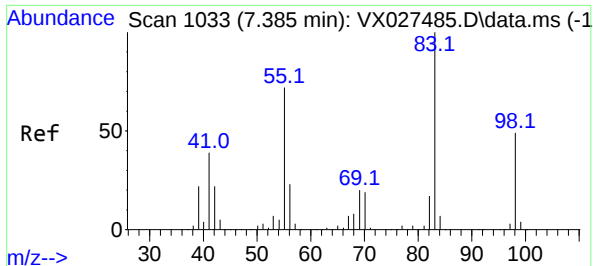
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#38
Carbon Tetrachloride
Concen: 50.295 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion:117 Resp: 240134
Ion Ratio Lower Upper
117 100
119 96.8 77.3 115.9
121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 49.541 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027491.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 25999

Ion Ratio Lower Upper

83 100

55 67.5 54.6 81.8

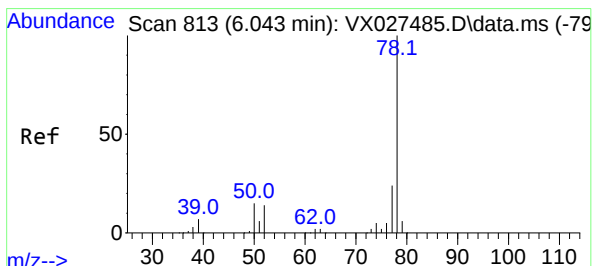
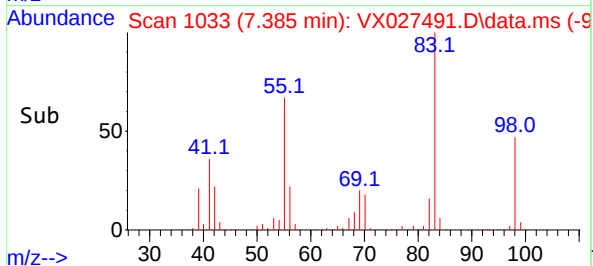
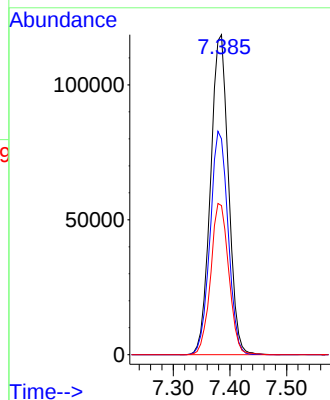
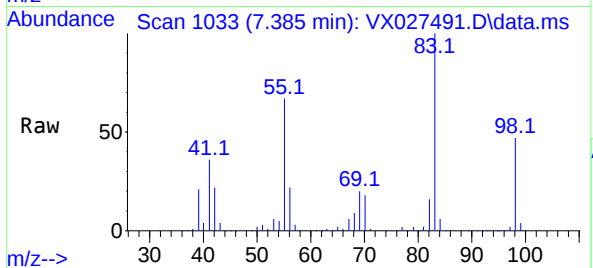
98 46.6 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#40

Benzene

Concen: 52.937 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX027491.D

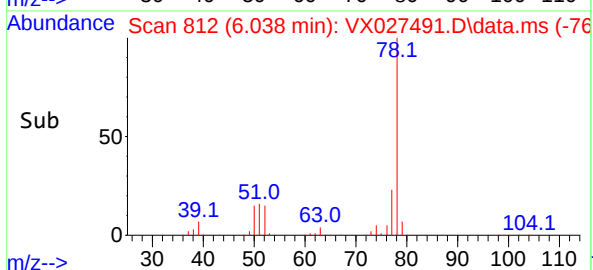
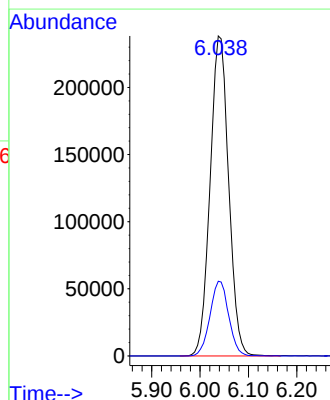
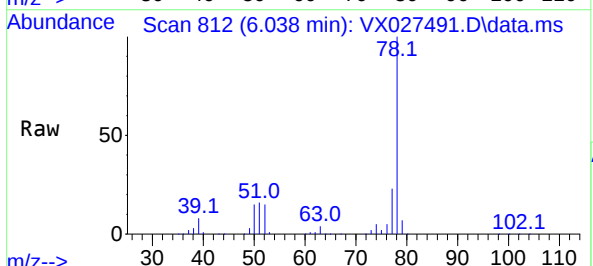
Acq: 17 Mar 2022 16:43

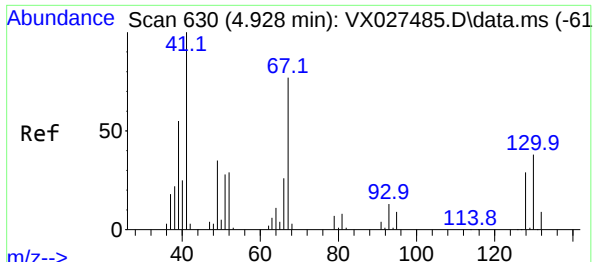
Tgt Ion: 78 Resp: 633824

Ion Ratio Lower Upper

78 100

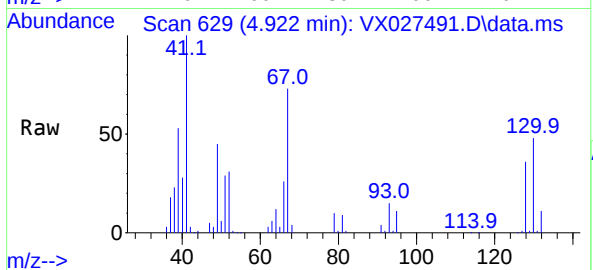
77 23.3 19.3 28.9





#41
Methacrylonitrile
Concen: 59.831 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

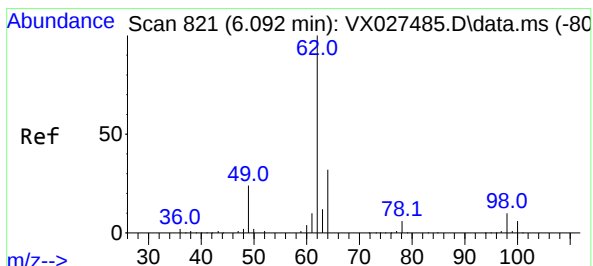
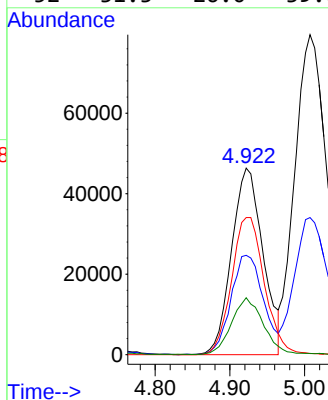
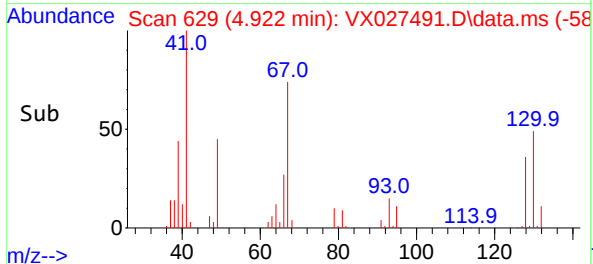
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



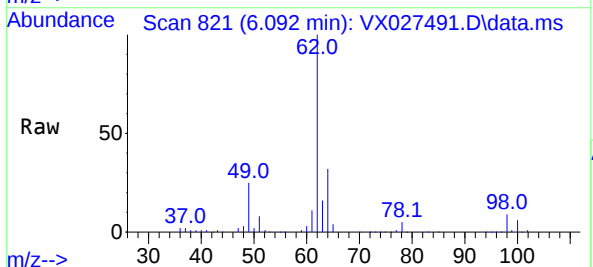
Tgt Ion: 41 Resp: 135690
Ion Ratio Lower Upper
41 100
39 54.9 43.0 64.4
67 77.3 70.2 105.4
52 31.3 26.0 39.0

Manual Integrations
APPROVED

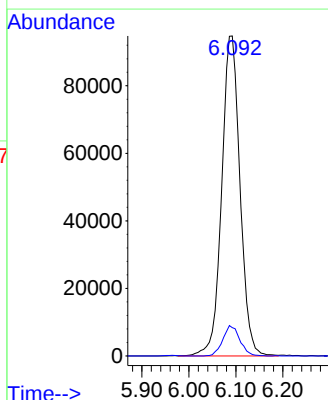
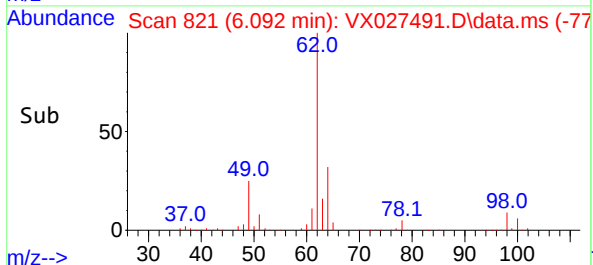
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

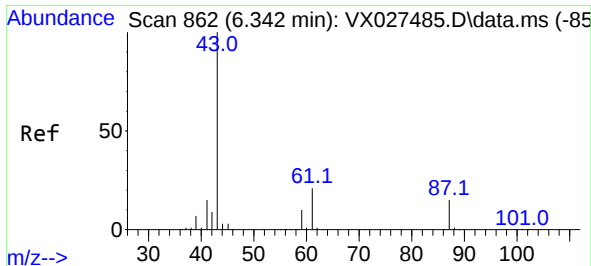


#42
1,2-Dichloroethane
Concen: 57.309 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



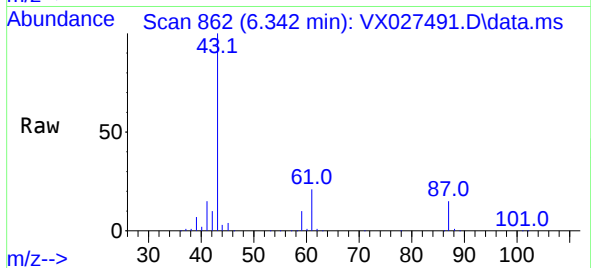
Tgt Ion: 62 Resp: 257163
Ion Ratio Lower Upper
62 100
98 8.8 0.0 20.4





#43
Isopropyl Acetate
Concen: 57.110 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

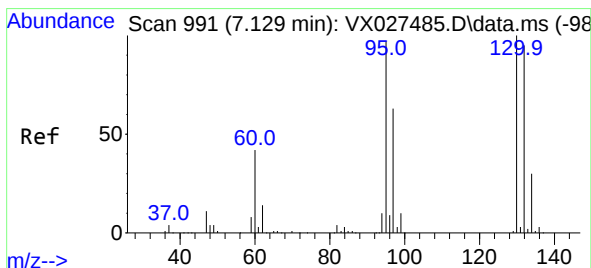
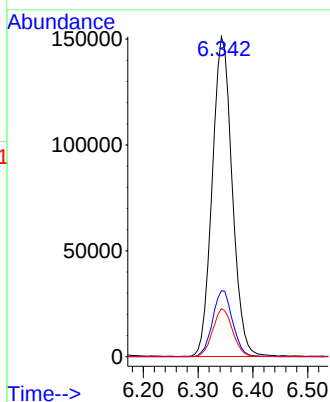
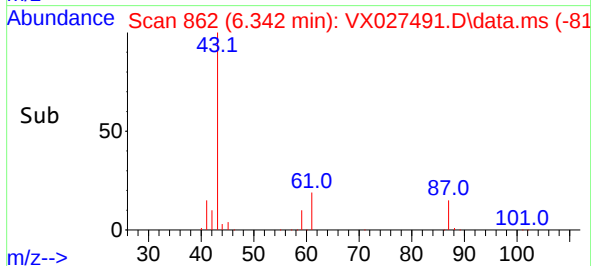
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



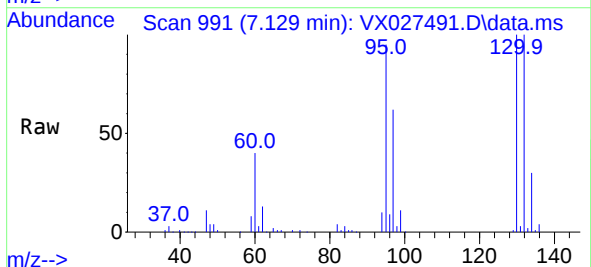
Tgt Ion: 43 Resp: 382230
Ion Ratio Lower Upper
43 100
61 20.8 18.5 27.7
87 15.0 13.0 19.6

Manual Integrations
APPROVED

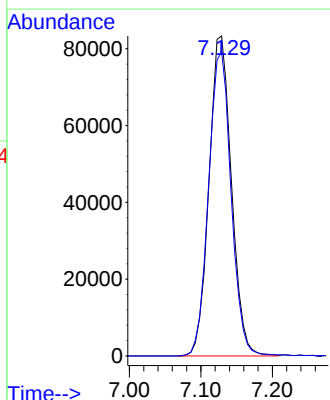
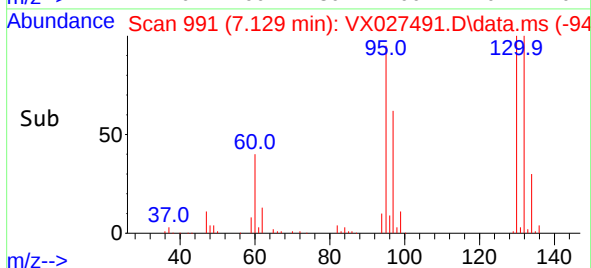
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

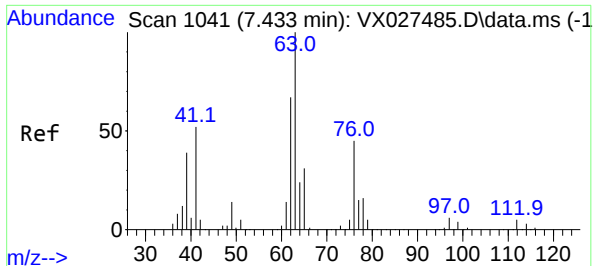


#44
Trichloroethene
Concen: 49.910 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



Tgt Ion:130 Resp: 181404
Ion Ratio Lower Upper
130 100
95 95.2 0.0 188.8





#45

1,2-Dichloropropane

Concen: 53.772 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027491.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 16398

Ion Ratio Lower Upper

63 100

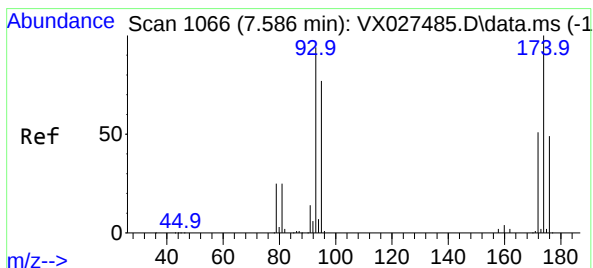
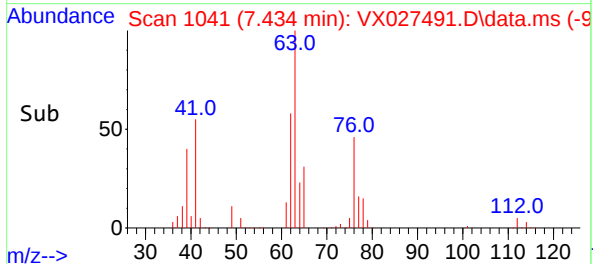
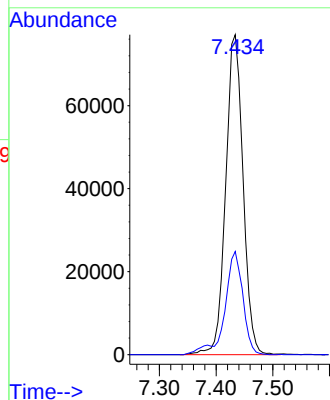
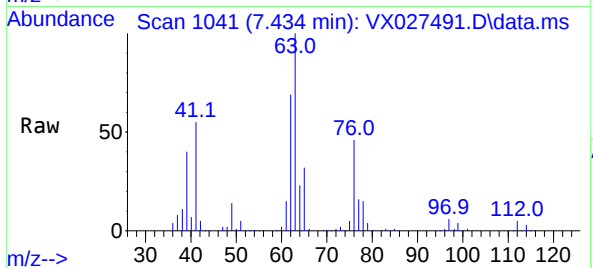
65 32.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#46

Dibromomethane

Concen: 55.731 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX027491.D

Acq: 17 Mar 2022 16:43

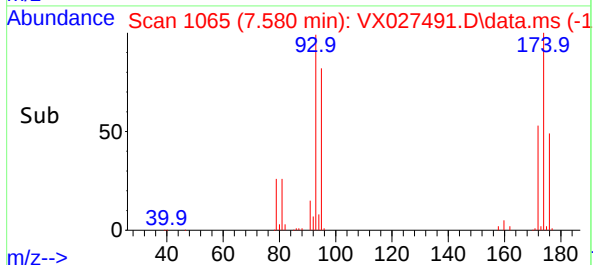
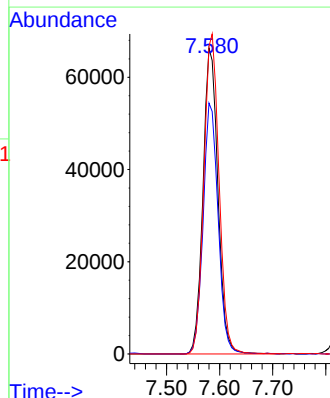
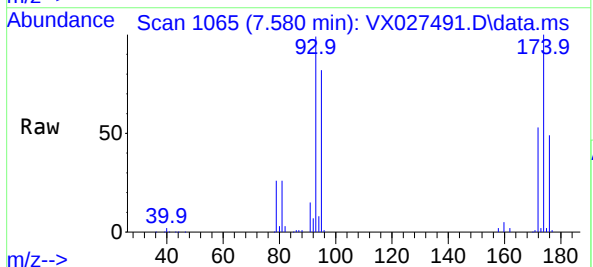
Tgt Ion: 93 Resp: 129834

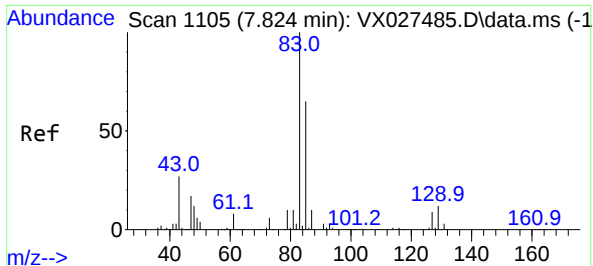
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.6

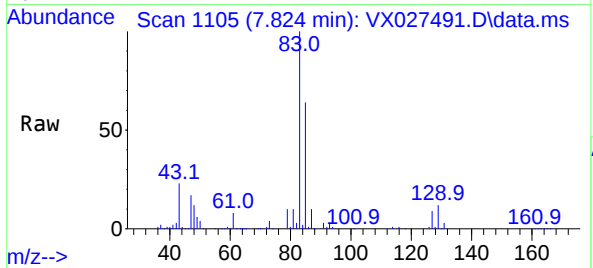
174 106.0 85.4 128.2





#47
Bromodichloromethane
Concen: 55.041 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

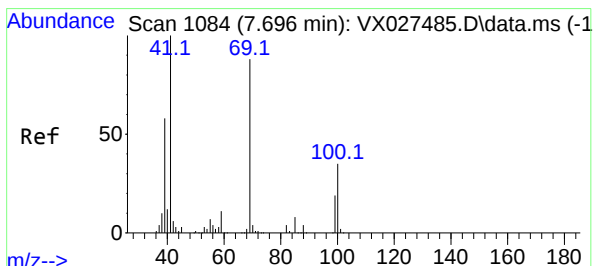
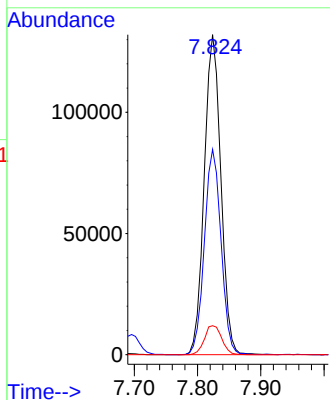
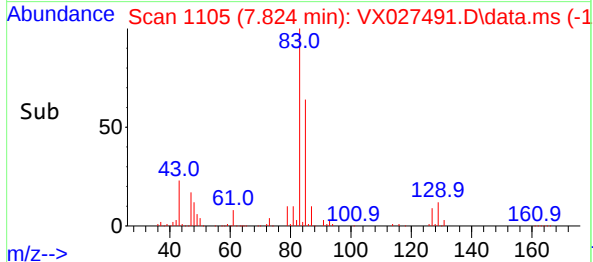
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



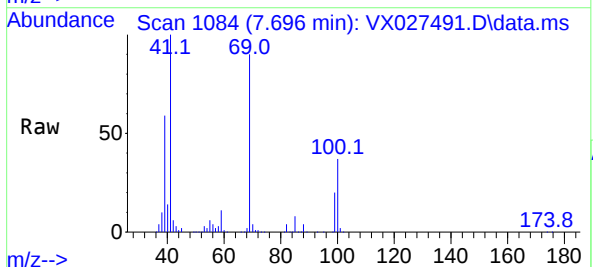
Tgt Ion: 83 Resp: 24144
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.2
127 9.0 6.8 10.2

Manual Integrations
APPROVED

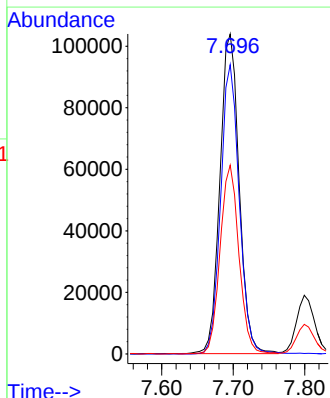
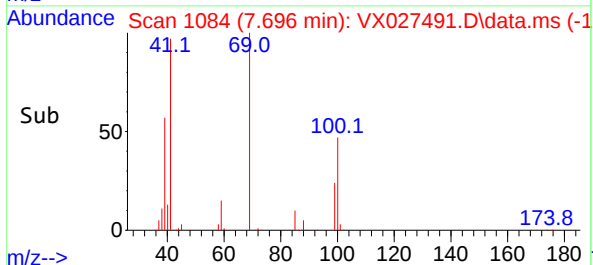
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

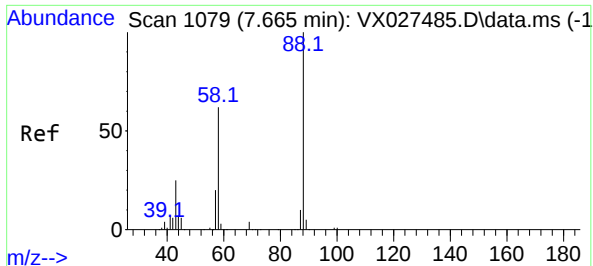


#48
Methyl methacrylate
Concen: 58.442 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



Tgt Ion: 41 Resp: 193574
Ion Ratio Lower Upper
41 100
69 88.0 82.5 123.7
39 58.1 43.8 65.8





#49

1,4-Dioxane

Concen: 1103.442 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX027491.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 9387

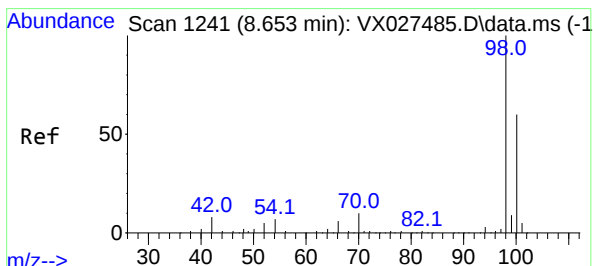
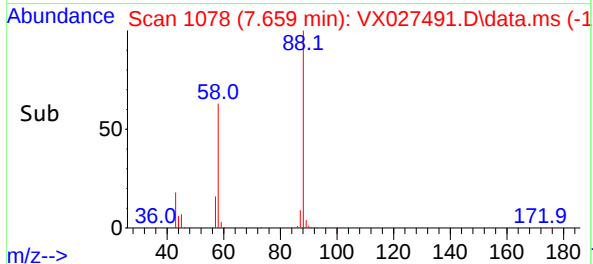
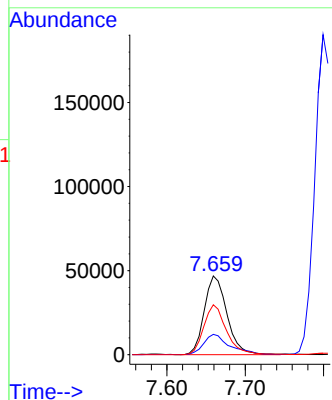
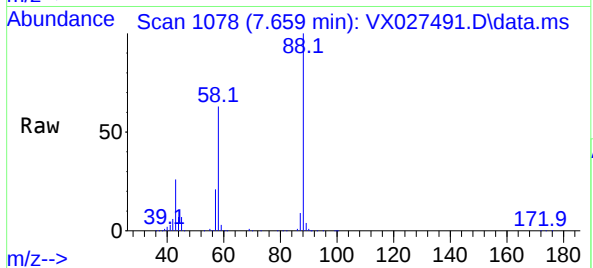
Ion	Ratio	Lower	Upper
88	100		
43	29.5	21.9	32.9
58	63.4	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#50

Toluene-d8

Concen: 51.562 ug/l

RT: 8.653 min Scan# 1241

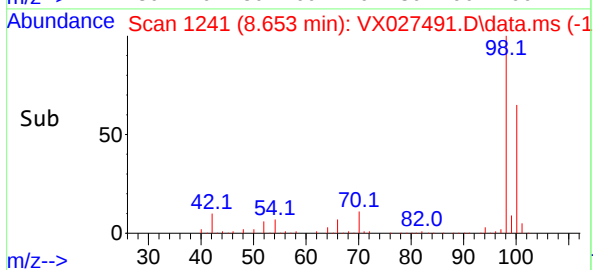
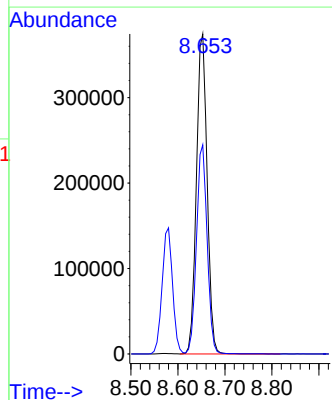
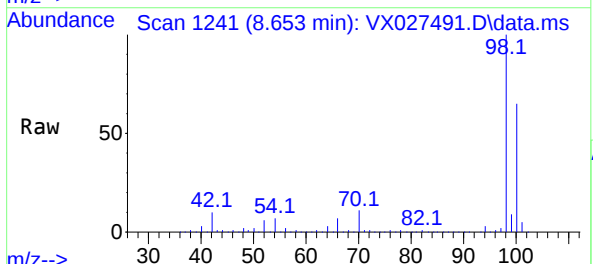
Delta R.T. 0.000 min

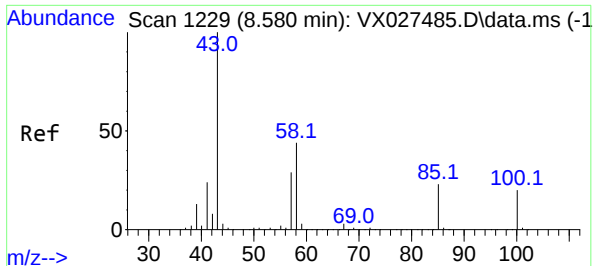
Lab File: VX027491.D

Acq: 17 Mar 2022 16:43

Tgt Ion: 98 Resp: 595875

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 288.933 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX027491.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 123443

Ion Ratio Lower Upper

43 100

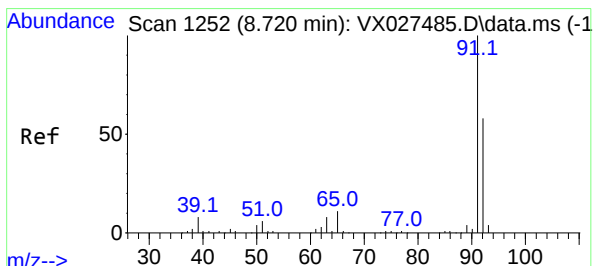
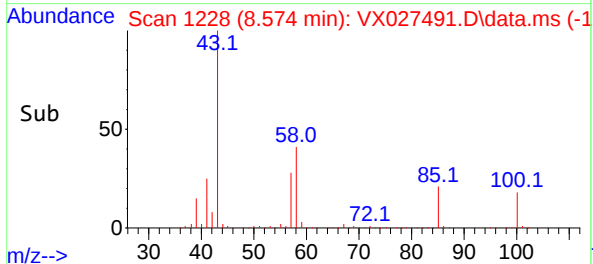
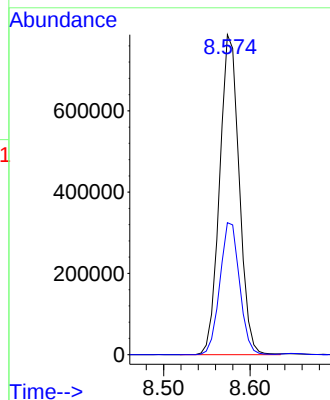
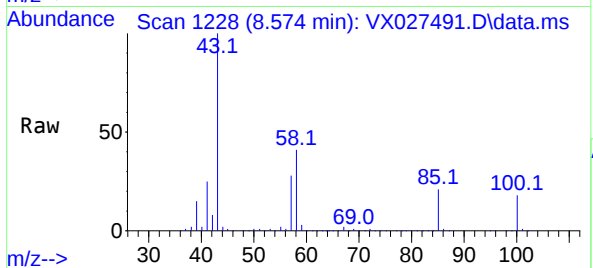
58 41.5 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#52

Toluene

Concen: 51.394 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX027491.D

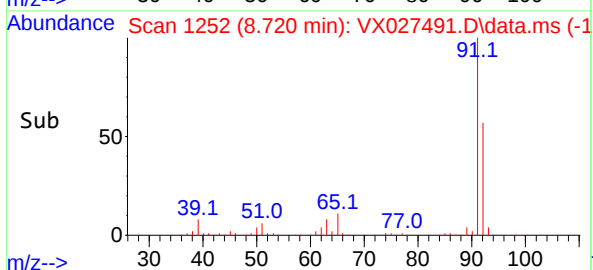
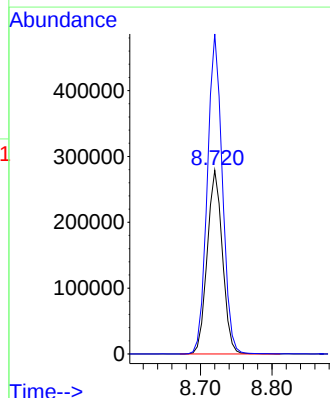
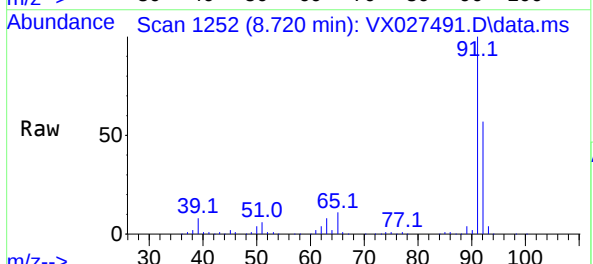
Acq: 17 Mar 2022 16:43

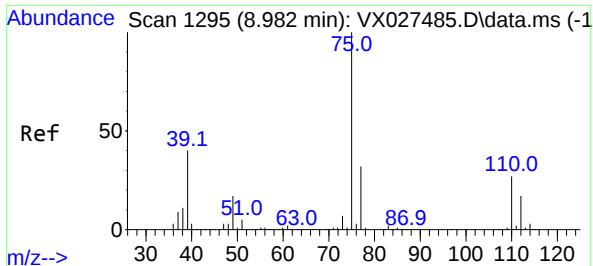
Tgt Ion: 92 Resp: 412362

Ion Ratio Lower Upper

92 100

91 172.2 137.5 206.3





#53
t-1,3-Dichloropropene
Concen: 56.571 ug/l
RT: 8.982 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

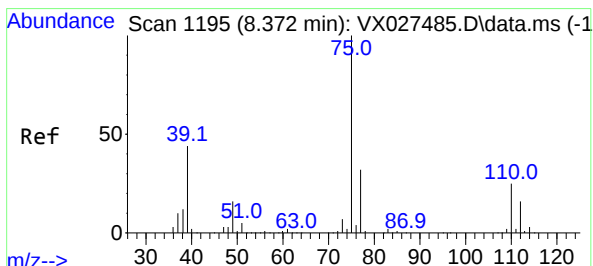
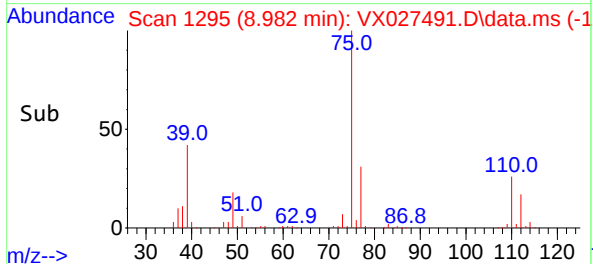
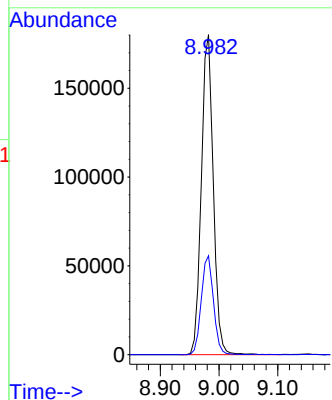
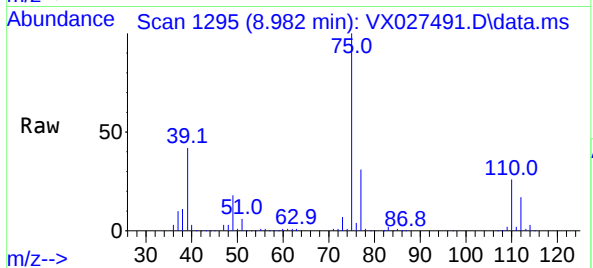
VSTDCCC050

Tgt Ion: 75 Resp: 254692
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0

Manual Integrations

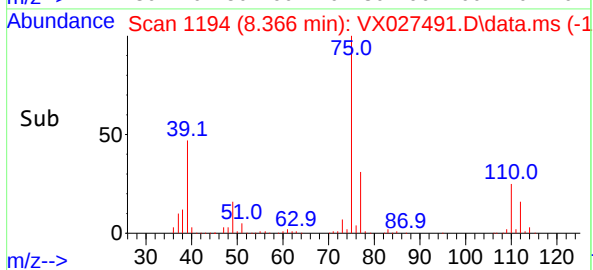
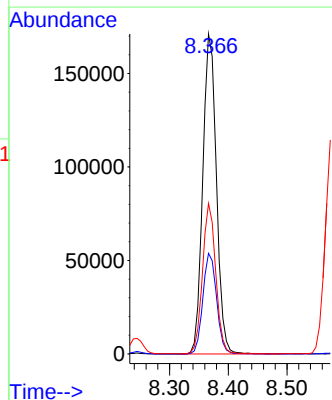
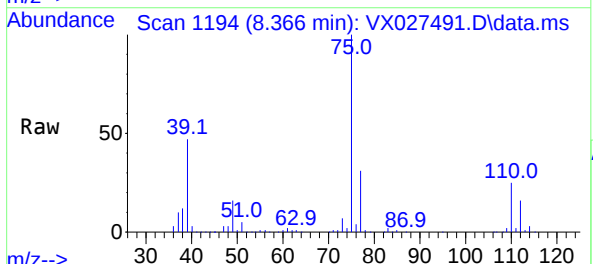
APPROVED

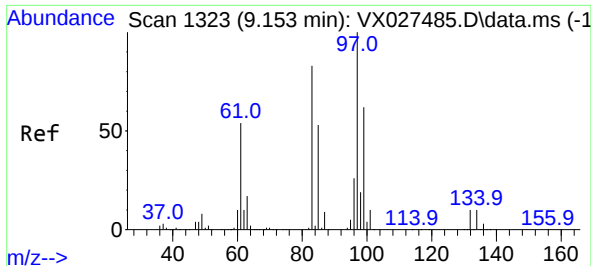
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#54
cis-1,3-Dichloropropene
Concen: 56.312 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

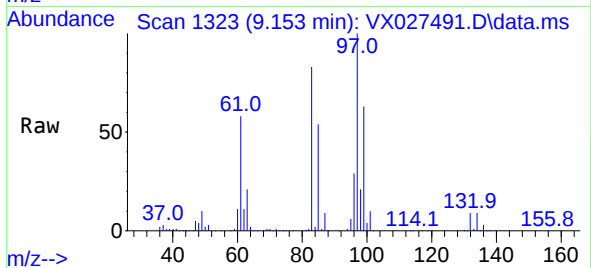
Tgt Ion: 75 Resp: 275920
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 47.0 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 54.862 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

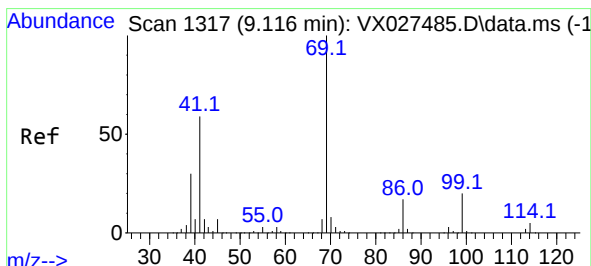
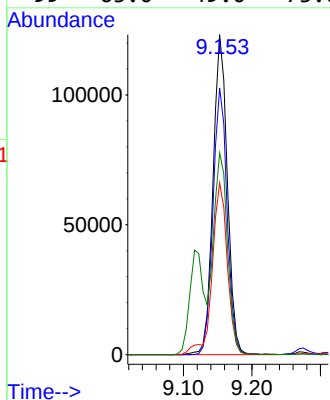
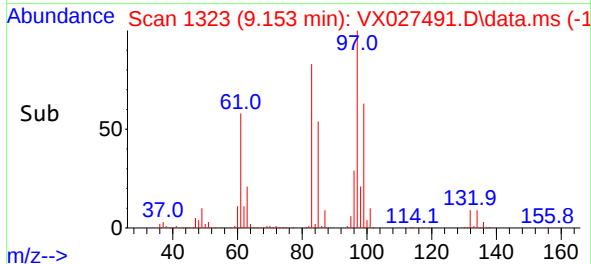


Tgt Ion: 97 Resp: 179225

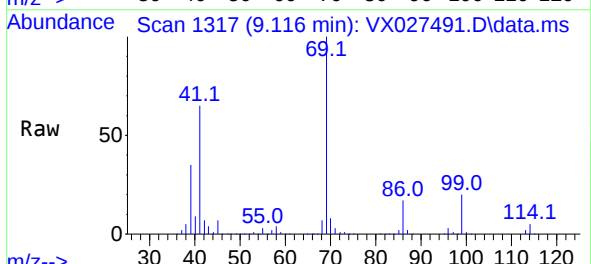
Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.2	99.4
85	53.6	42.9	64.3
99	63.0	49.0	73.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

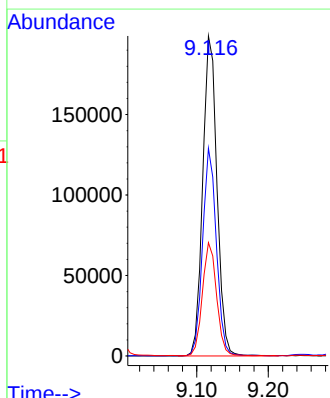
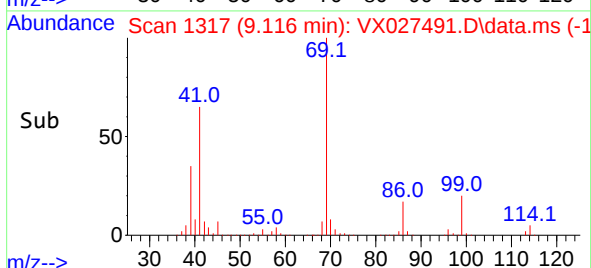


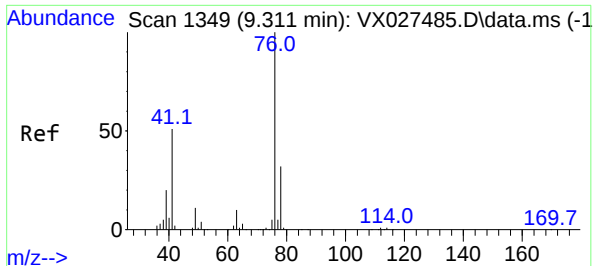
#56
Ethyl methacrylate
Concen: 56.336 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



Tgt Ion: 69 Resp: 275360

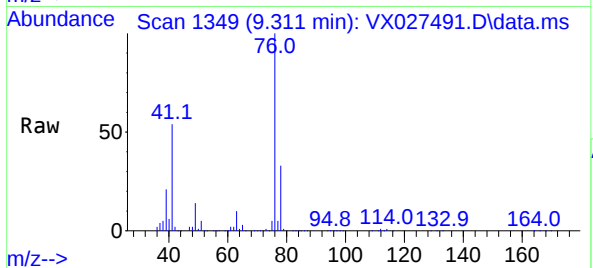
Ion	Ratio	Lower	Upper
69	100		
41	62.8	43.8	65.6
39	35.1	22.2	33.2





#57
1,3-Dichloropropane
Concen: 55.403 ug/l
RT: 9.311 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

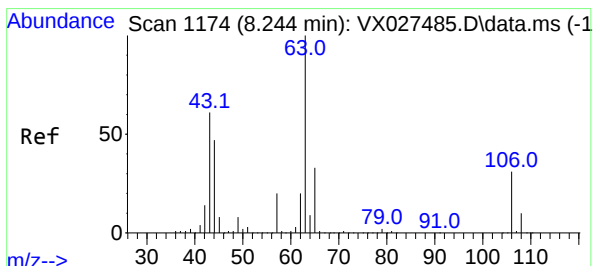
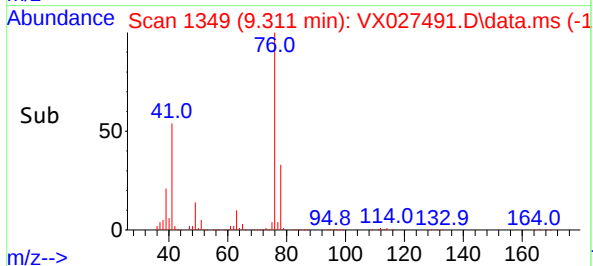
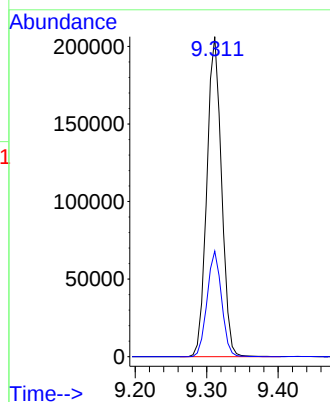
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 293838
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8

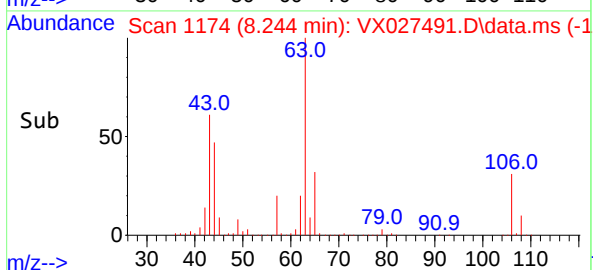
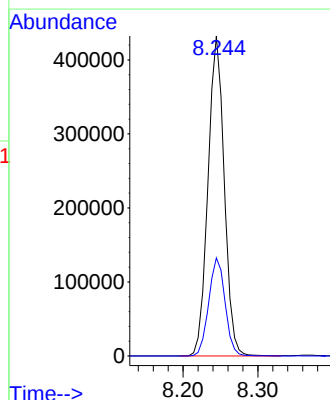
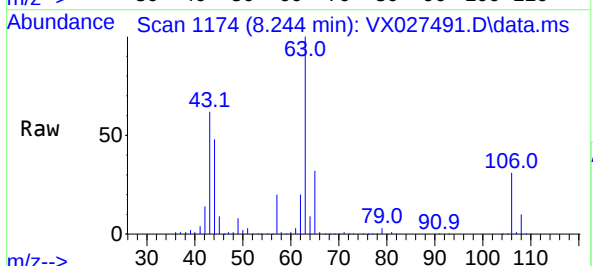
Manual Integrations
APPROVED

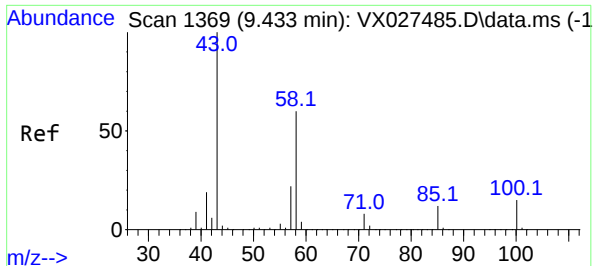
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#58
2-Chloroethyl Vinyl ether
Concen: 264.209 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 63 Resp: 653584
Ion Ratio Lower Upper
63 100
106 30.8 23.9 35.9





#59

2-Hexanone

Concen: 290.004 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027491.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 954270

Ion Ratio Lower Upper

43 100

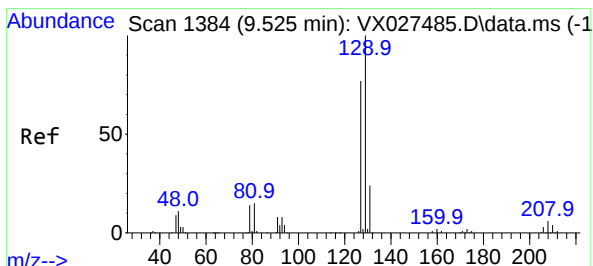
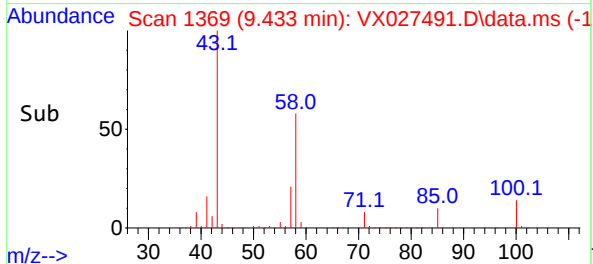
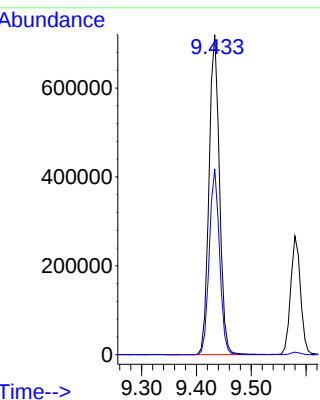
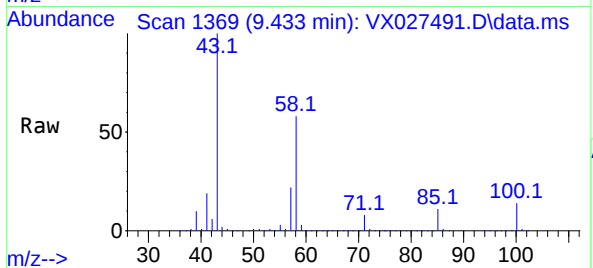
58 57.3 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#60

Dibromochloromethane

Concen: 55.231 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX027491.D

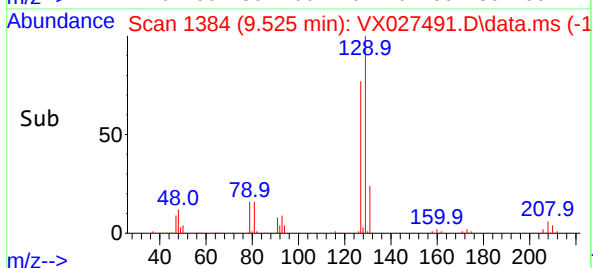
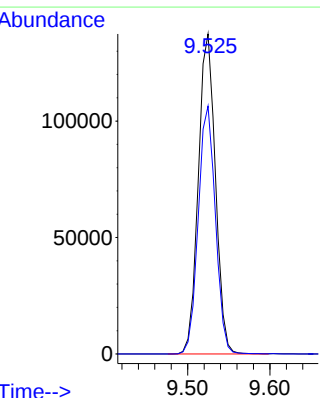
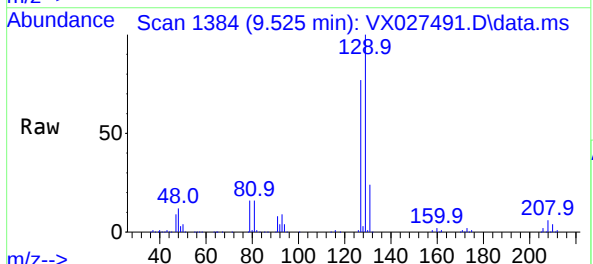
Acq: 17 Mar 2022 16:43

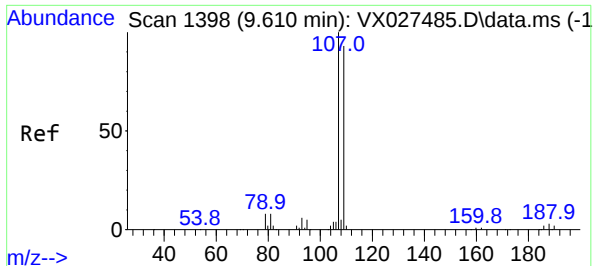
Tgt Ion:129 Resp: 198622

Ion Ratio Lower Upper

129 100

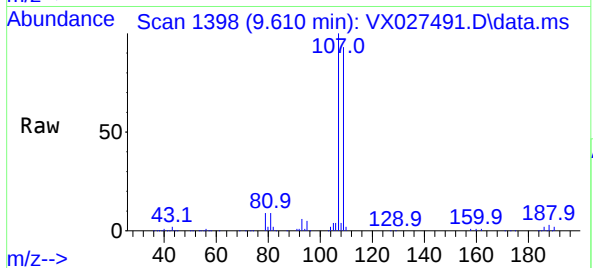
127 77.8 40.3 120.8





#61
1,2-Dibromoethane
Concen: 54.711 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

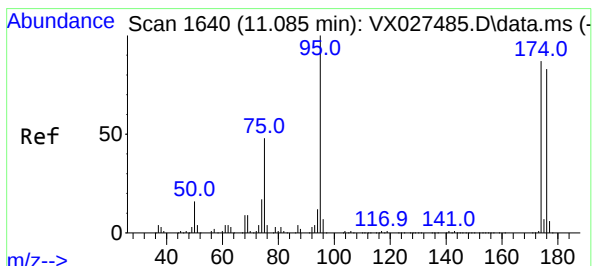
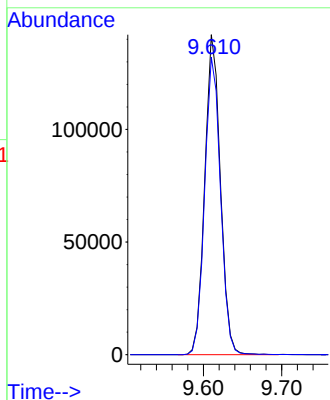
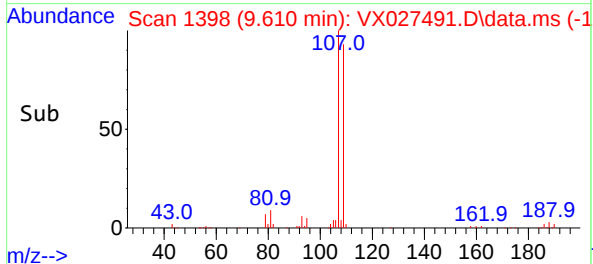
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



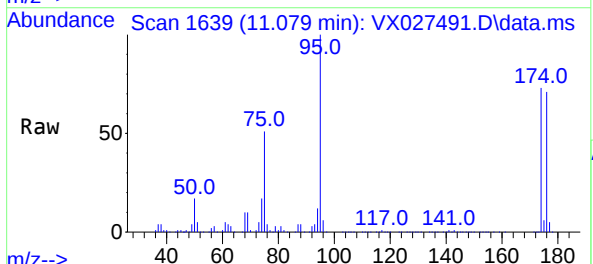
Tgt Ion:107 Resp: 19644
Ion Ratio Lower Upper
107 100
109 94.3 74.4 111.6

Manual Integrations
APPROVED

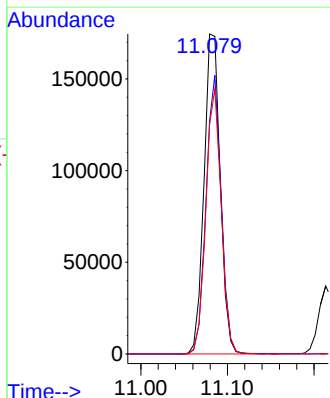
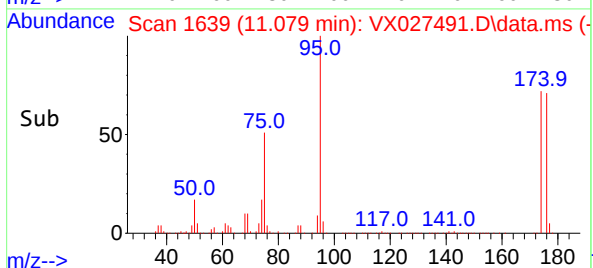
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

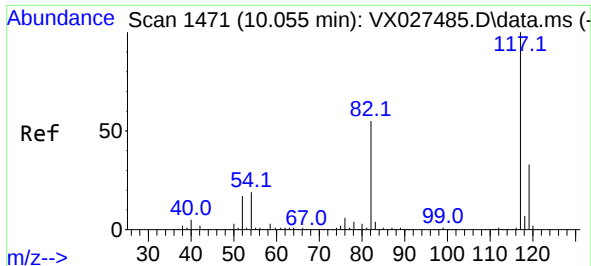


#62
4-Bromofluorobenzene
Concen: 53.374 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



Tgt Ion: 95 Resp: 226714
Ion Ratio Lower Upper
95 100
174 82.1 0.0 163.0
176 78.5 0.0 155.0





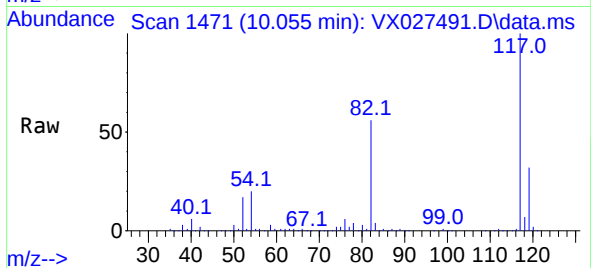
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



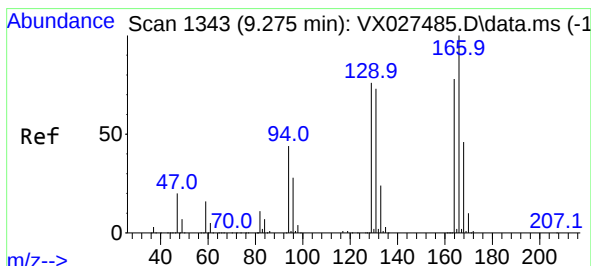
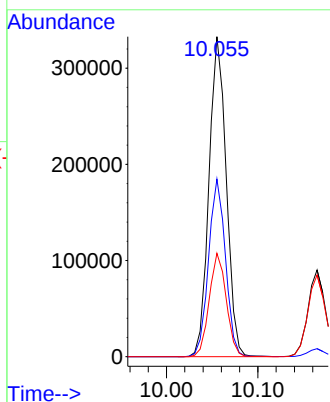
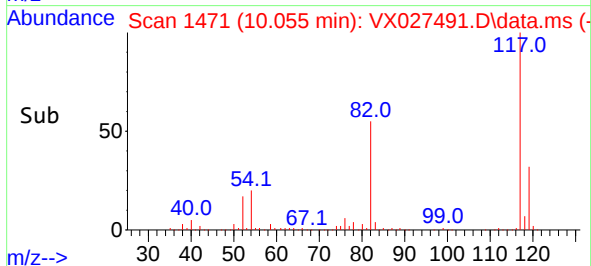
Tgt Ion:117 Resp: 435672
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 32.3 24.8 37.2

Manual Integrations

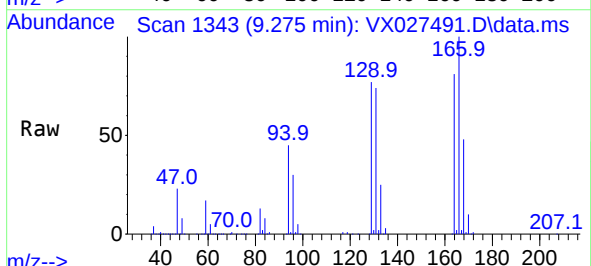
APPROVED

Reviewed By :John Carlone 03/18/2022

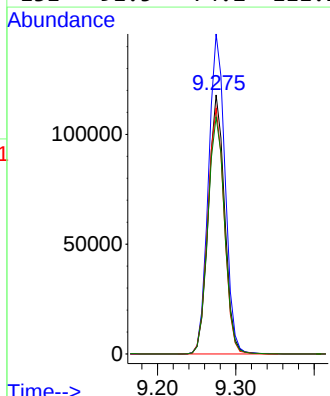
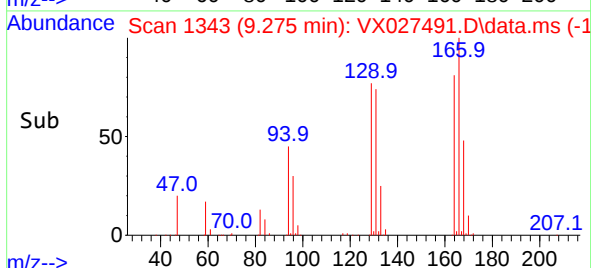
Supervised By :Mahesh Dadoda 03/18/2022

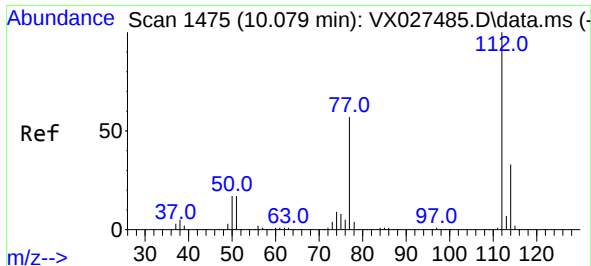


#64
Tetrachloroethene
Concen: 50.064 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



Tgt Ion:164 Resp: 169589
Ion Ratio Lower Upper
164 100
166 123.5 101.2 151.8
129 94.9 73.0 109.4
131 91.5 74.2 111.2





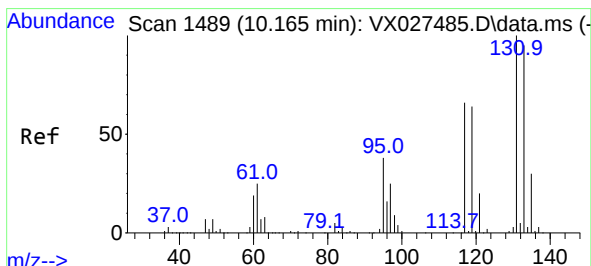
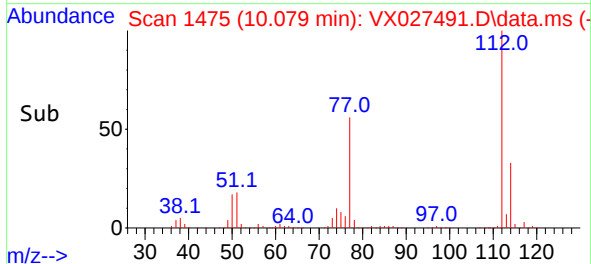
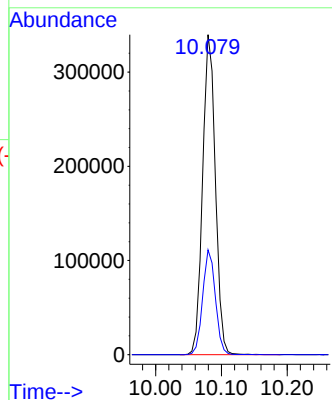
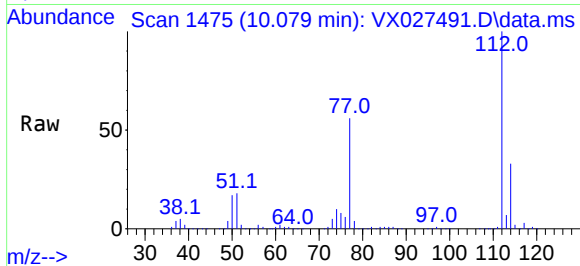
#65
Chlorobenzene
Concen: 51.174 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 45863
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.8

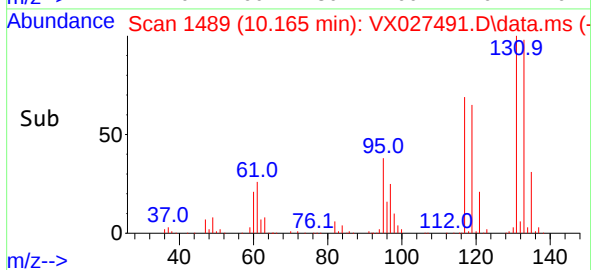
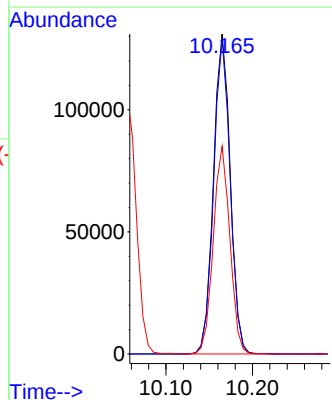
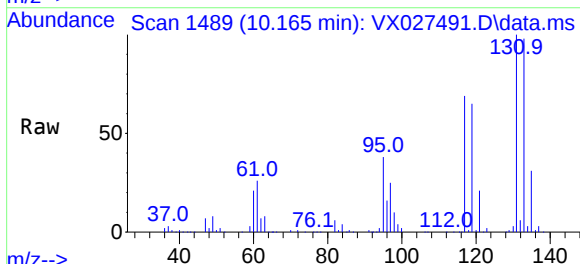
Manual Integrations
APPROVED

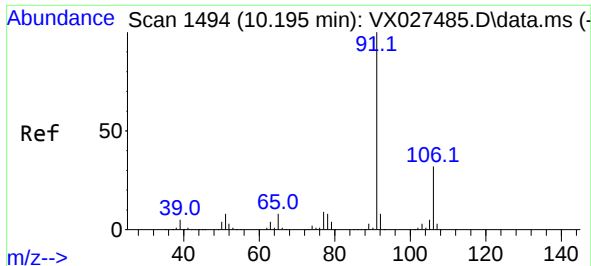
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.951 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

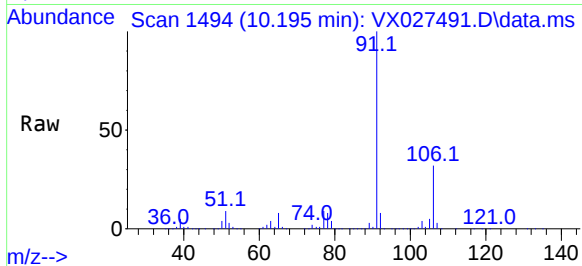
Tgt Ion:131 Resp: 177057
Ion Ratio Lower Upper
131 100
133 96.4 48.3 144.8
119 64.2 32.6 98.0





#67
Ethyl Benzene
Concen: 51.233 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

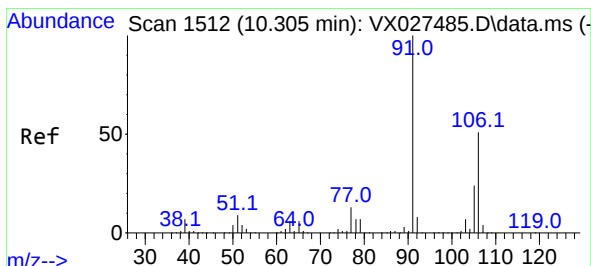
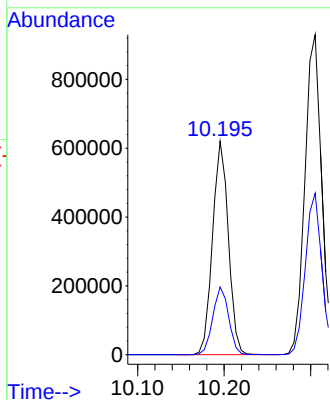
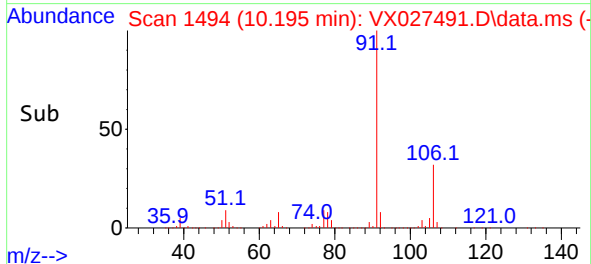
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



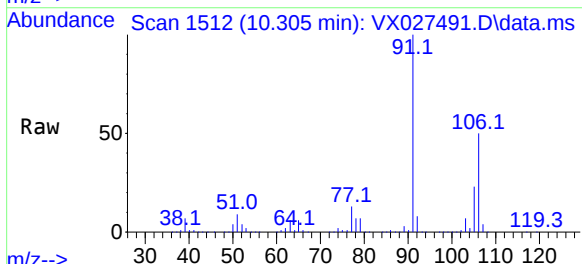
Tgt Ion: 91 Resp: 785927
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8

Manual Integrations
APPROVED

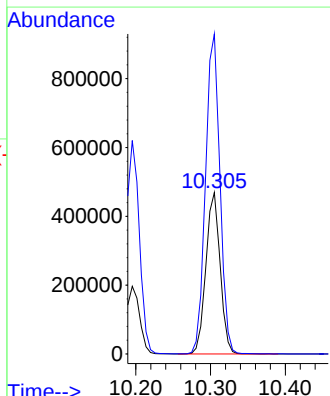
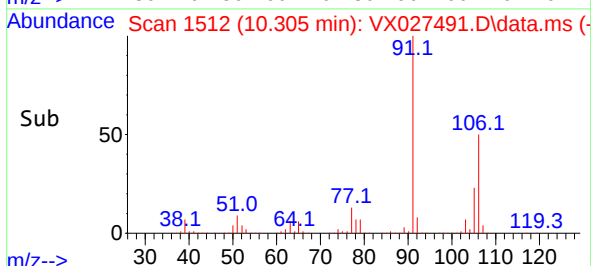
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

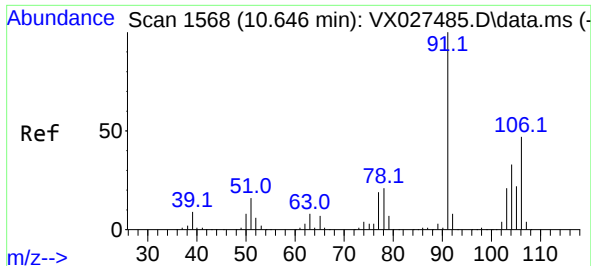


#68
m/p-Xylenes
Concen: 102.476 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



Tgt Ion:106 Resp: 618968
Ion Ratio Lower Upper
106 100
91 201.0 160.4 240.6





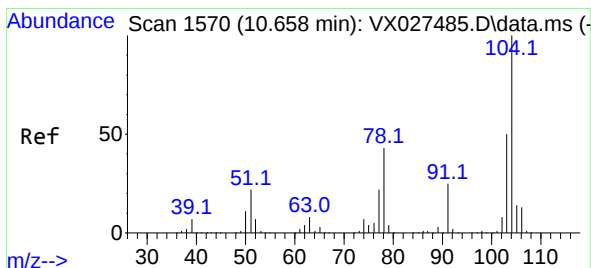
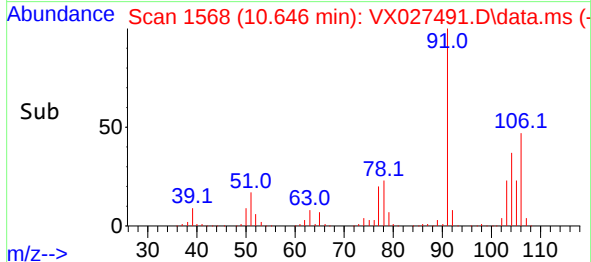
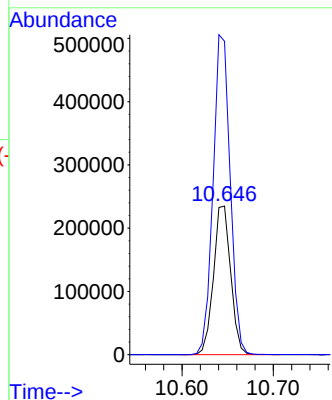
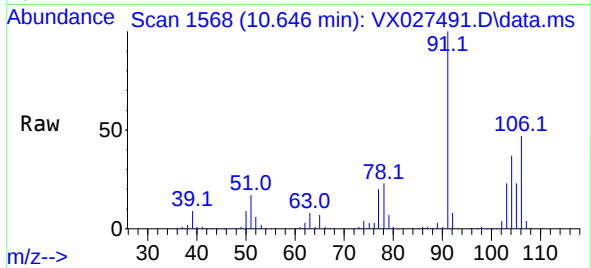
#69
o-Xylene
Concen: 52.403 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 30732
Ion Ratio Lower Upper
106 100
91 214.0 106.1 318.1

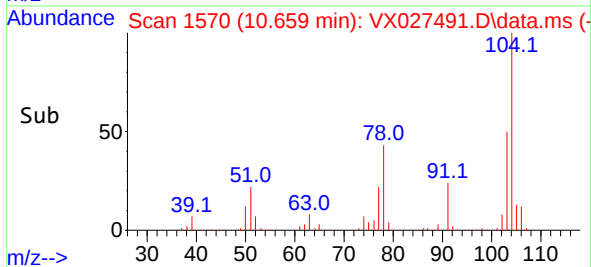
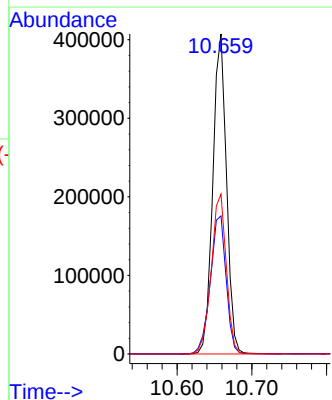
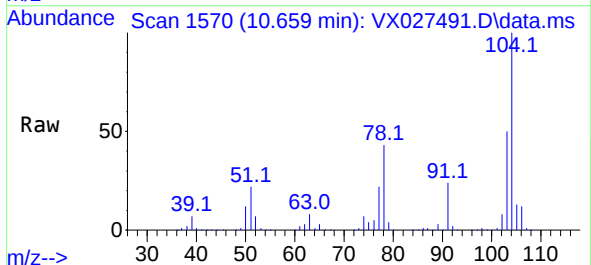
Manual Integrations
APPROVED

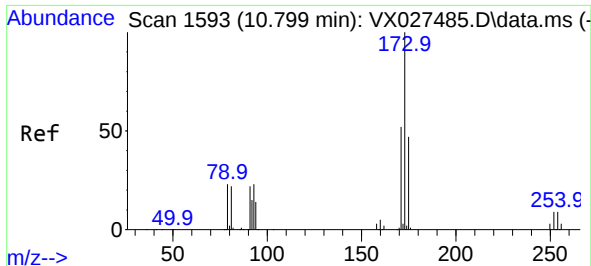
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#70
Styrene
Concen: 54.089 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion:104 Resp: 518185
Ion Ratio Lower Upper
104 100
78 49.7 38.6 57.8
103 55.1 43.8 65.8





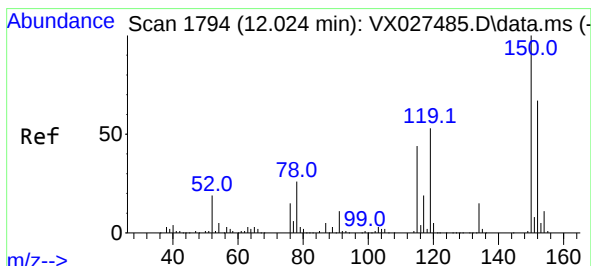
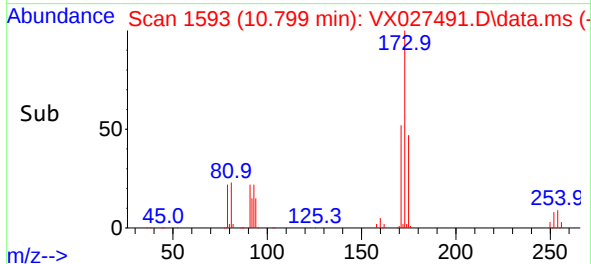
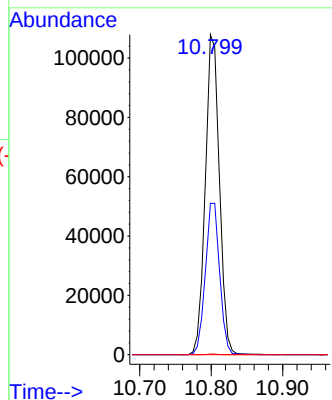
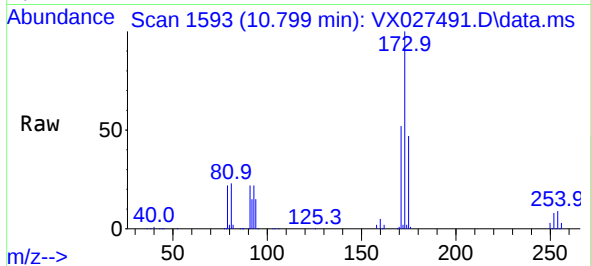
#71
Bromoform
Concen: 55.486 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 14822
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.2
254 0.1 0.1 0.1

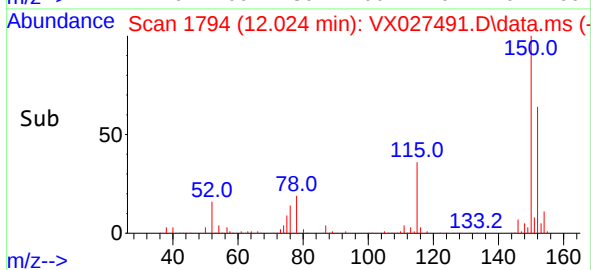
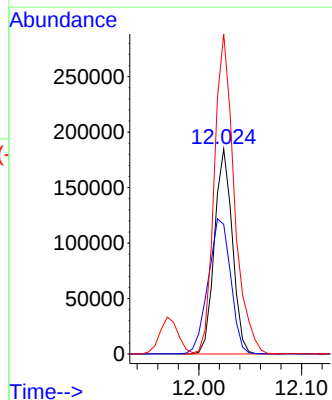
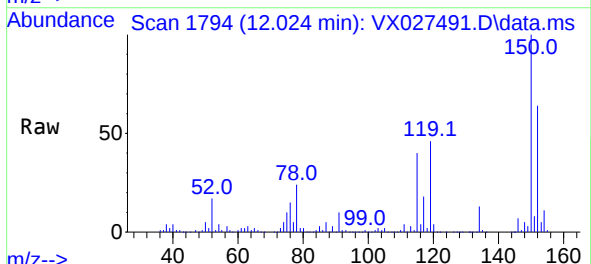
Manual Integrations
APPROVED

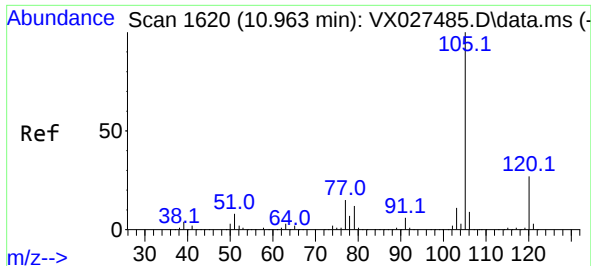
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion:152 Resp: 223177
Ion Ratio Lower Upper
152 100
115 83.3 37.5 112.7
150 174.1 0.0 338.2





#73
Isopropylbenzene
Concen: 48.330 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

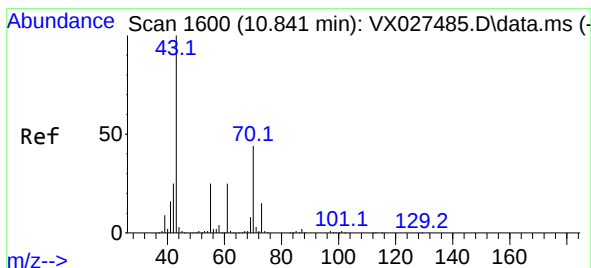
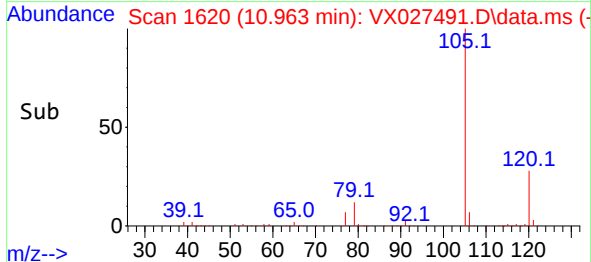
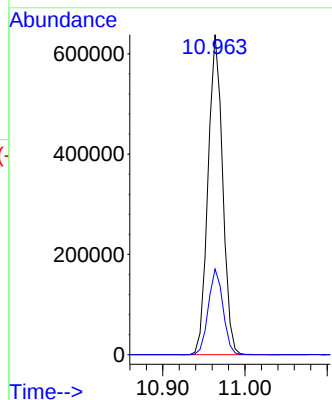
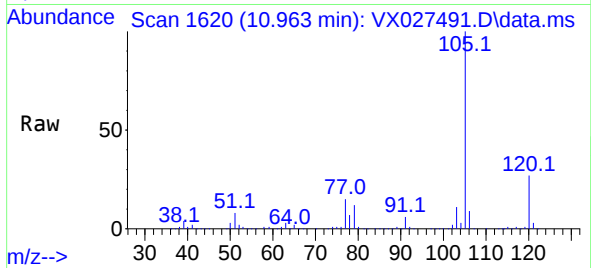
VSTDCCC050

Tgt Ion:105 Resp: 78563
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5

Manual Integrations

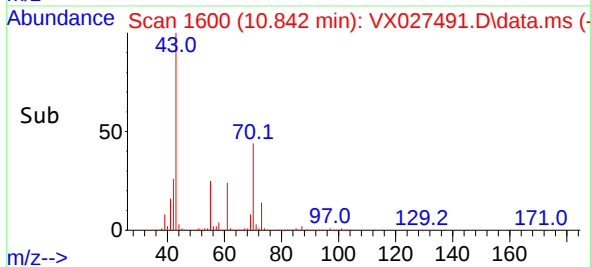
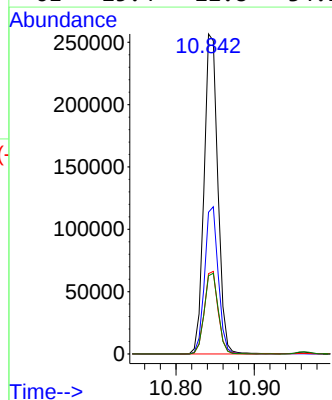
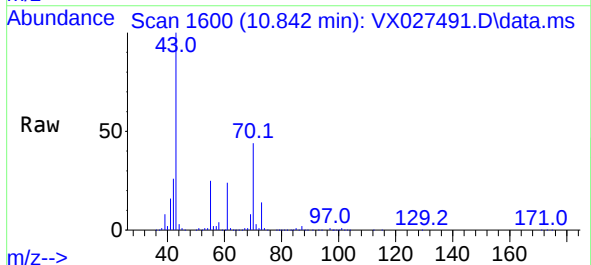
APPROVED

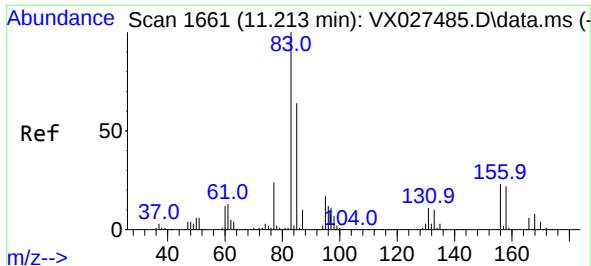
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#74
N-ethyl acetate
Concen: 54.423 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 43 Resp: 313697
Ion Ratio Lower Upper
43 100
70 45.4 42.5 63.7
55 25.7 23.1 34.7
61 25.4 22.8 34.2





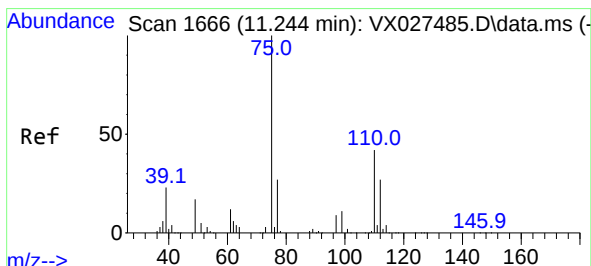
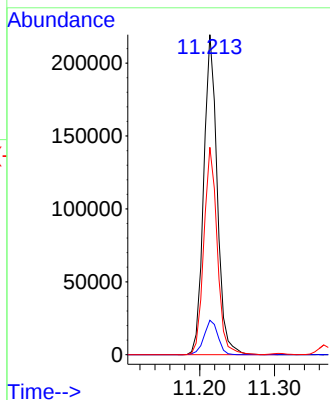
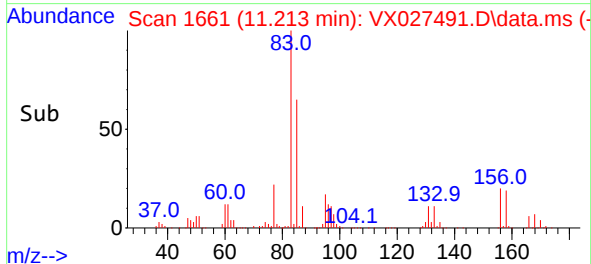
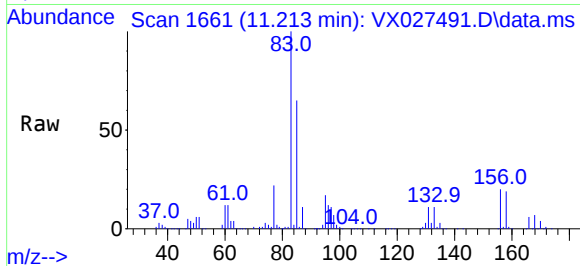
#75
1,1,2,2-Tetrachloroethane
Concen: 53.218 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 27403
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 64.4 32.6 97.7

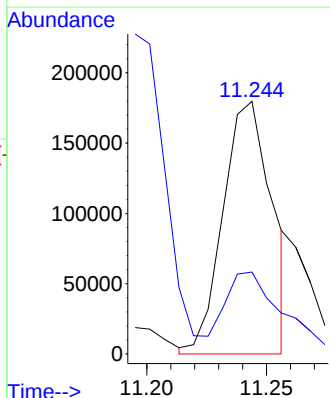
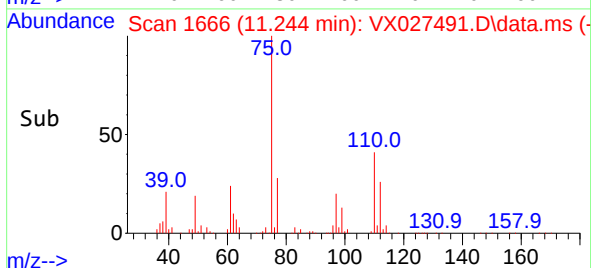
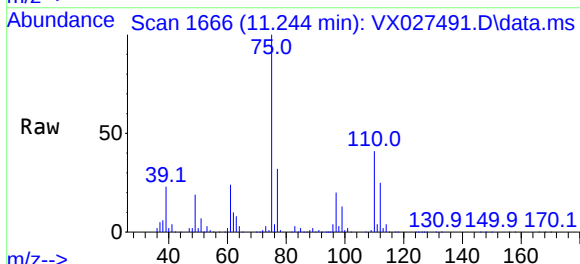
Manual Integrations
APPROVED

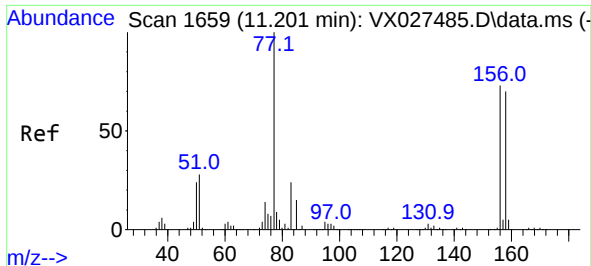
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#76
1,2,3-Trichloropropane
Concen: 54.766 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

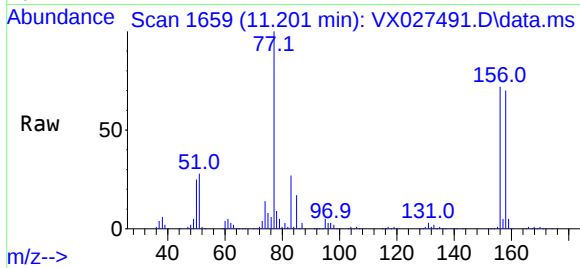
Tgt Ion: 75 Resp: 255652
Ion Ratio Lower Upper
75 100
77 38.5 19.4 58.2





#77
Bromobenzene
Concen: 50.495 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

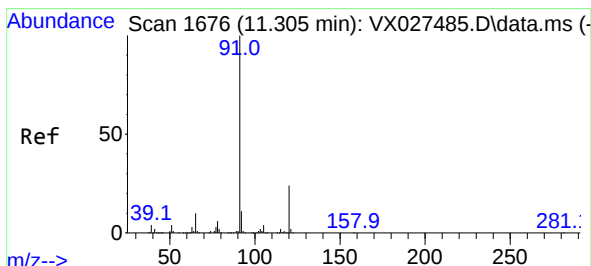
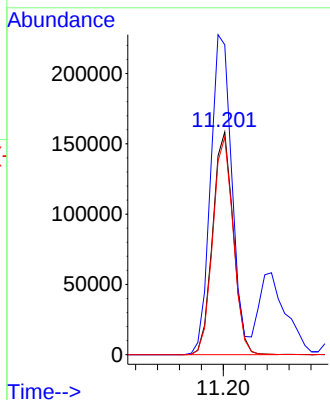
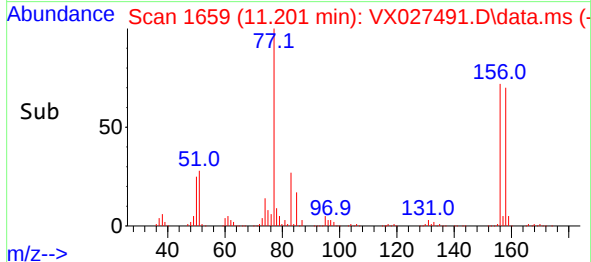
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



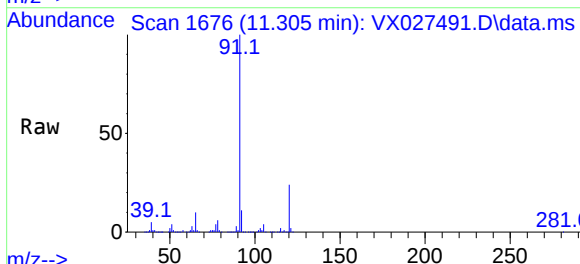
Tgt Ion:156 Resp: 206899
Ion Ratio Lower Upper
156 100
77 149.8 78.5 235.3
158 96.8 50.2 150.7

Manual Integrations
APPROVED

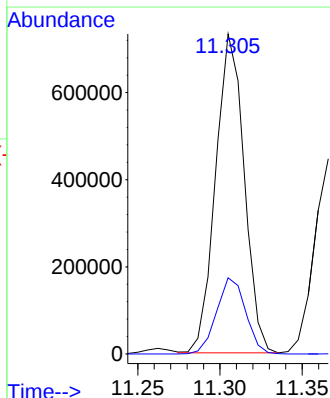
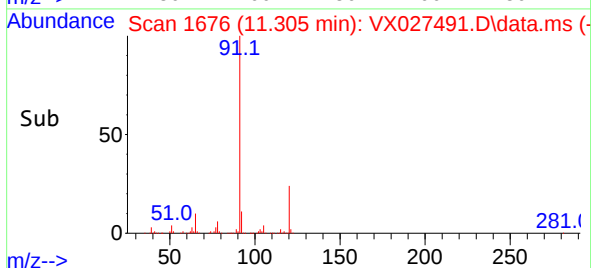
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

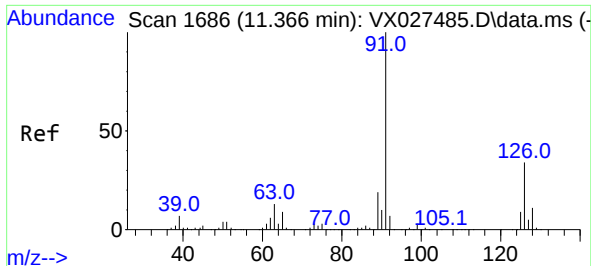


#78
n-propylbenzene
Concen: 49.615 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



Tgt Ion: 91 Resp: 885367
Ion Ratio Lower Upper
91 100
120 24.3 11.6 34.8





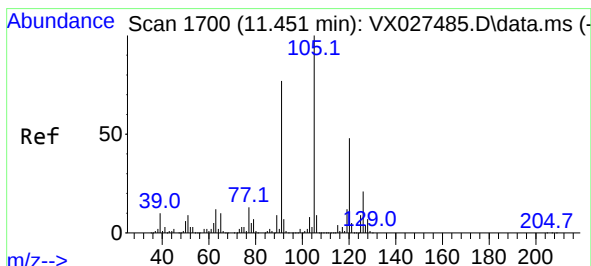
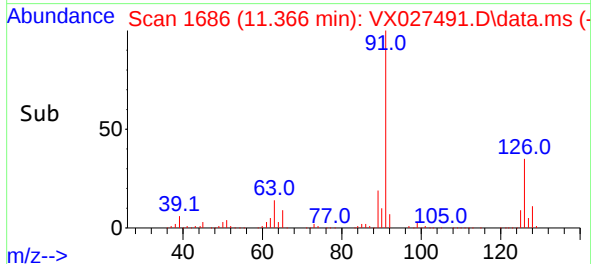
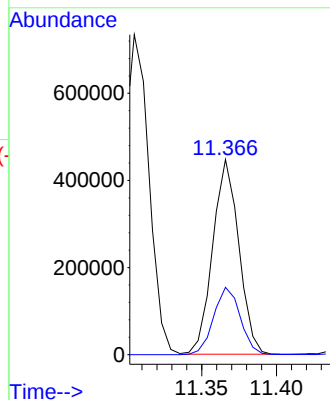
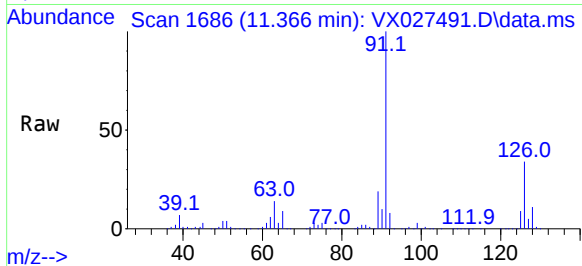
#79
2-Chlorotoluene
Concen: 48.543 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 54338
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.9

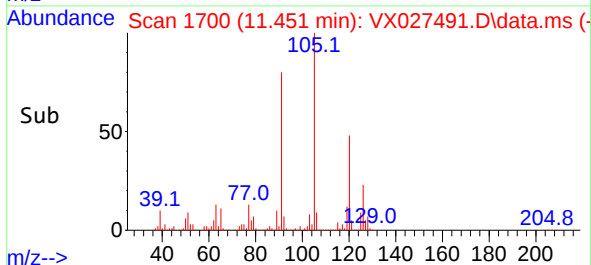
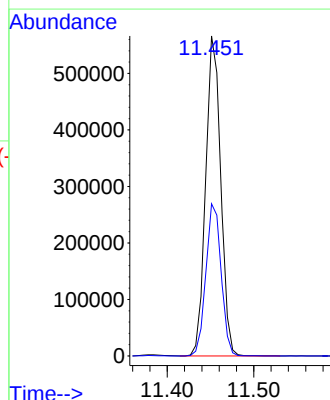
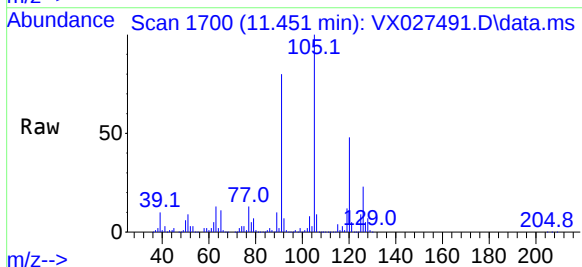
Manual Integrations
APPROVED

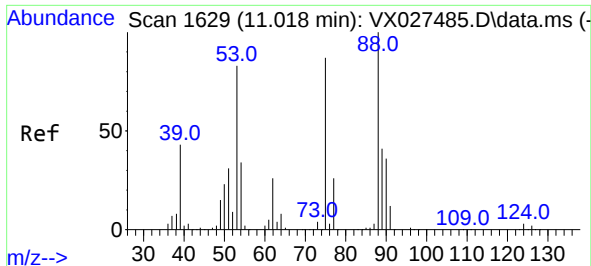
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.946 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion:105 Resp: 683335
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9





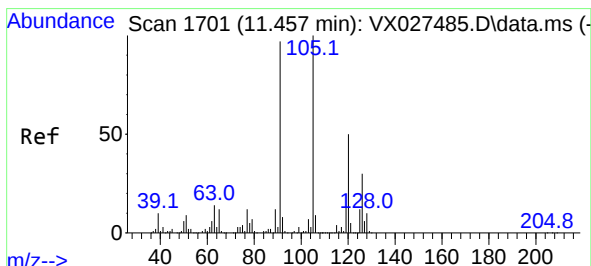
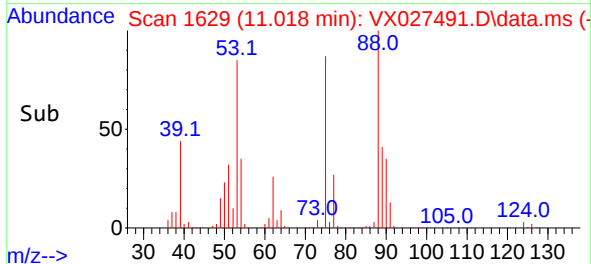
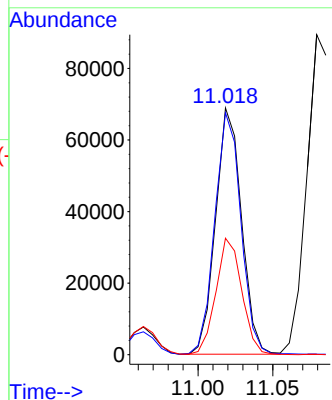
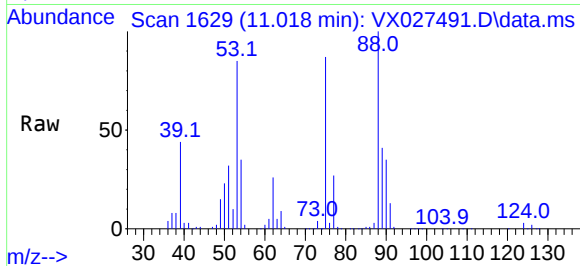
#81
trans-1,4-Dichloro-2-butene
Concen: 53.941 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 8291
Ion Ratio Lower Upper
75 100
53 99.8 69.0 103.4
89 47.4 37.0 55.6

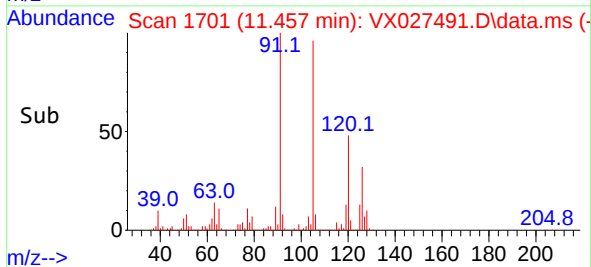
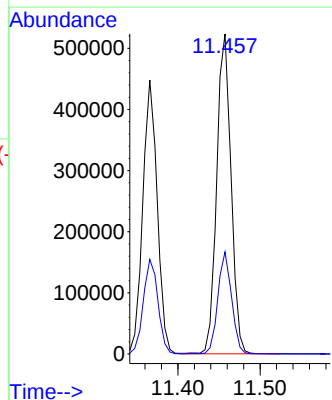
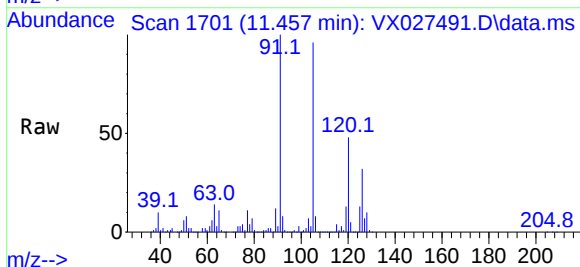
Manual Integrations
APPROVED

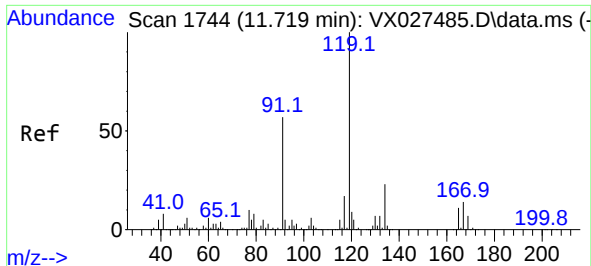
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#82
4-Chlorotoluene
Concen: 49.746 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion: 91 Resp: 634019
Ion Ratio Lower Upper
91 100
126 30.7 14.9 44.5





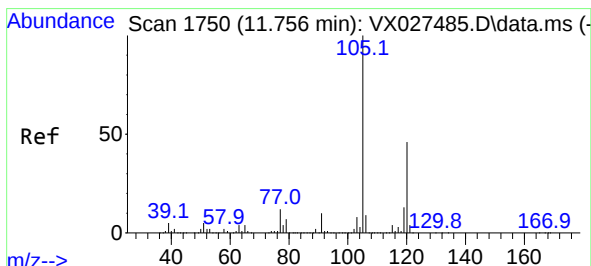
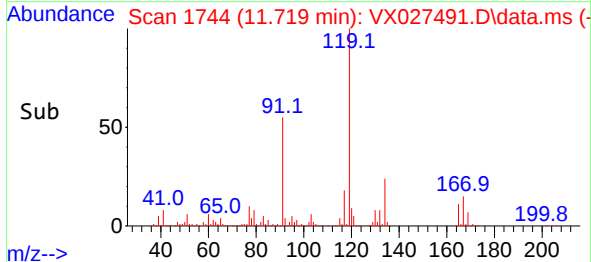
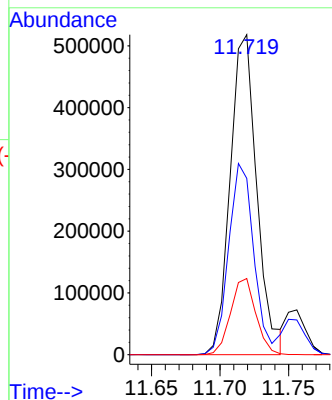
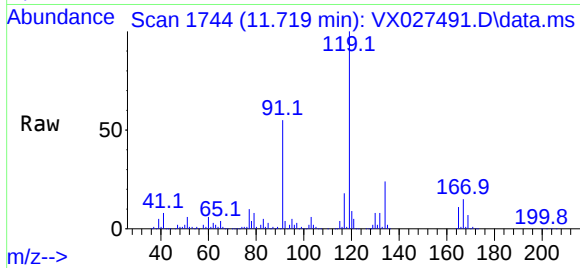
#83
tert-Butylbenzene
Concen: 51.864 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 702938
Ion Ratio Lower Upper
119 100
91 56.2 26.9 80.6
134 22.6 11.4 34.2

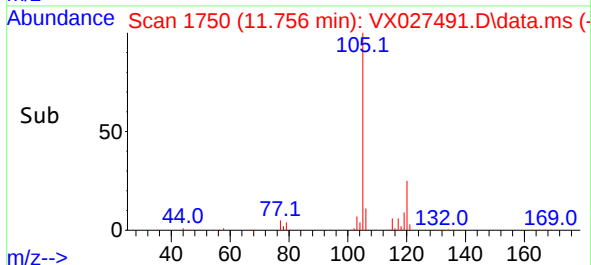
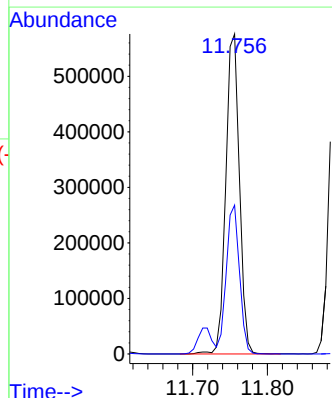
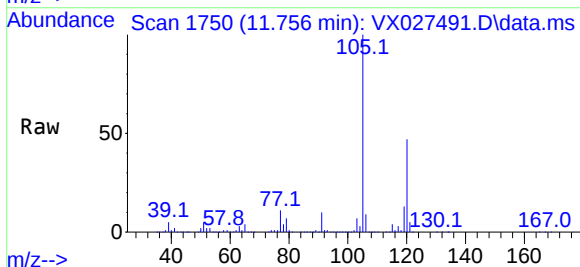
Manual Integrations
APPROVED

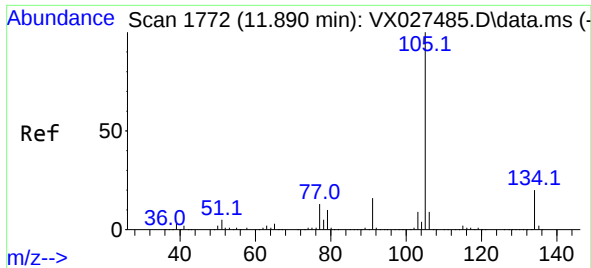
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.298 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion:105 Resp: 727218
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 51.282 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027491.D
 Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

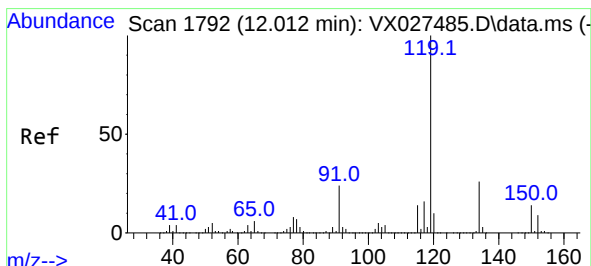
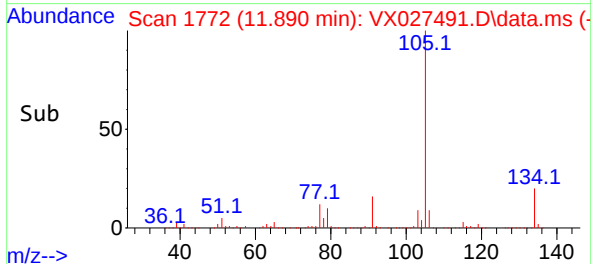
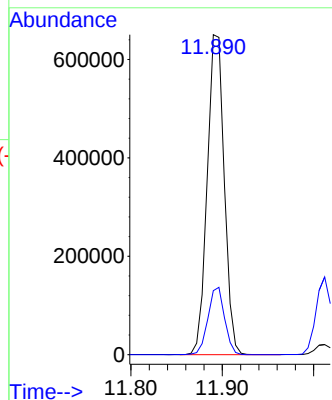
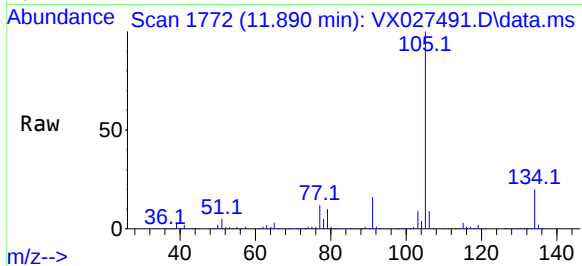
VSTDCCC050

Tgt Ion:105 Resp: 839929
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.4

Manual Integrations

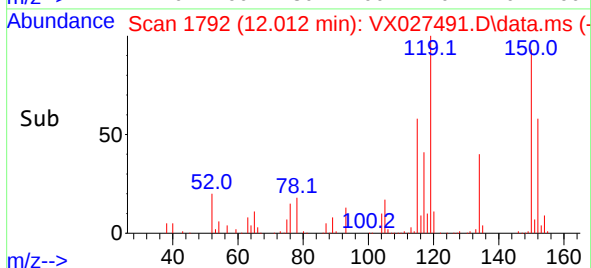
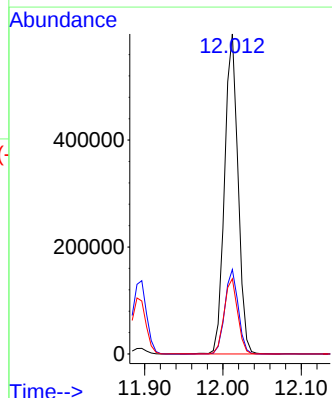
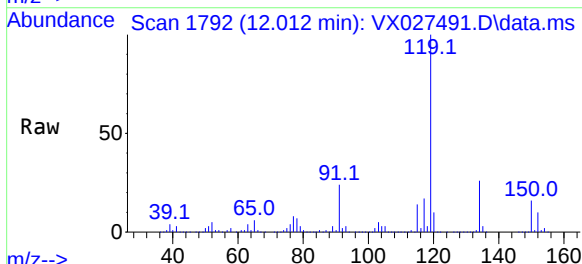
APPROVED

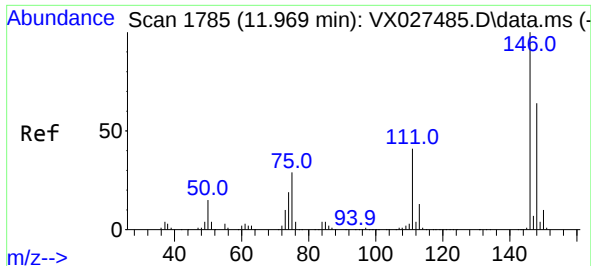
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#86
 p-Isopropyltoluene
 Concen: 50.901 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027491.D
 Acq: 17 Mar 2022 16:43

Tgt Ion:119 Resp: 716074
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 23.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 51.486 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027491.D

Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 39086

Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.1

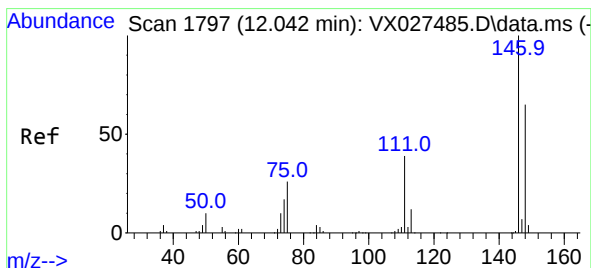
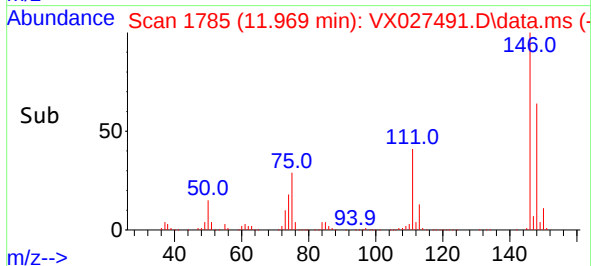
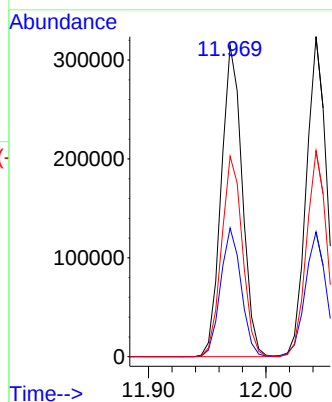
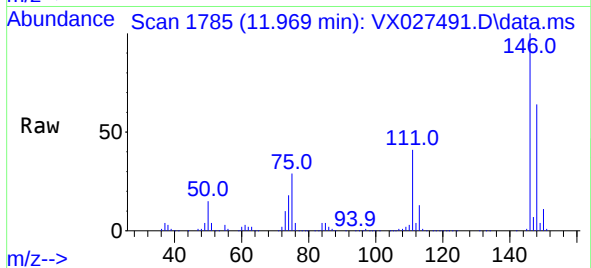
148 64.2 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#88

1,4-Dichlorobenzene

Concen: 50.595 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX027491.D

Acq: 17 Mar 2022 16:43

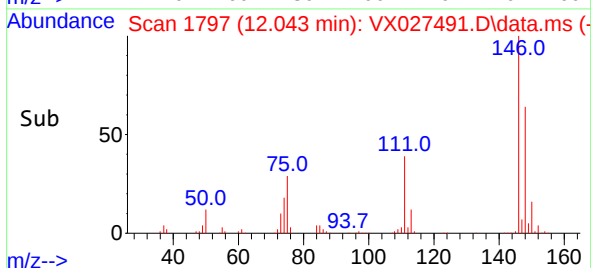
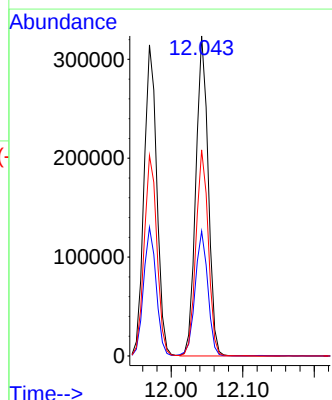
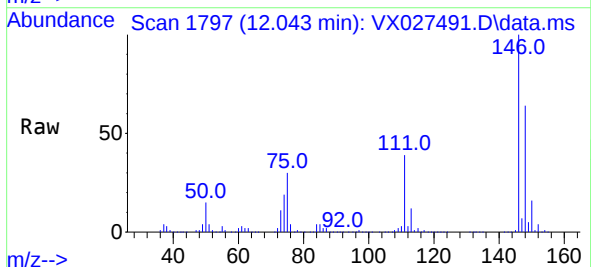
Tgt Ion:146 Resp: 388652

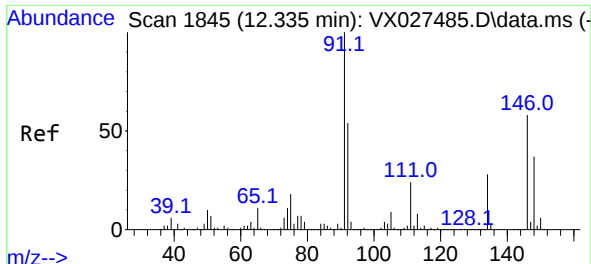
Ion Ratio Lower Upper

146 100

111 39.7 19.2 57.6

148 64.4 32.3 96.9





#89
n-Butylbenzene
Concen: 50.486 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

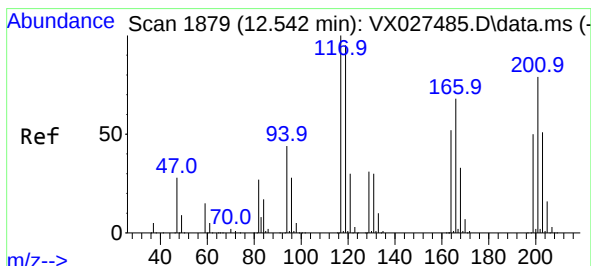
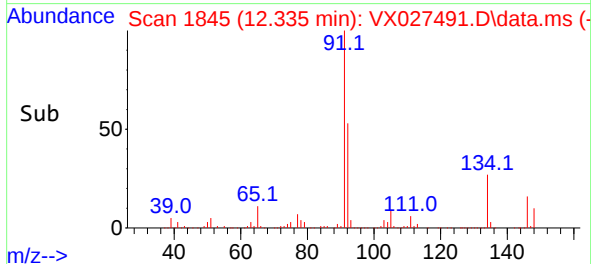
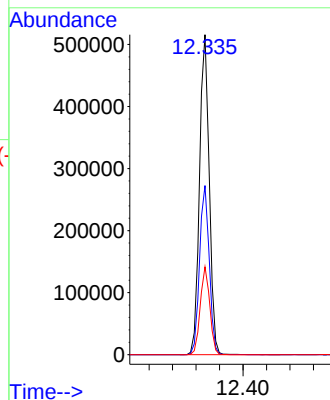
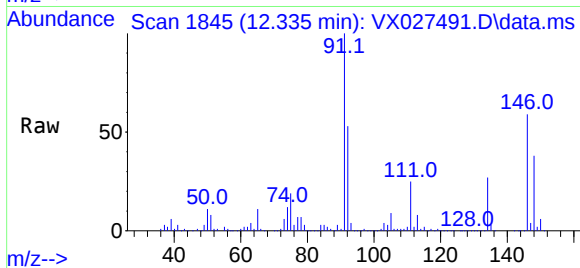
VSTDCCC050

Tgt Ion: 91 Resp: 592715
Ion Ratio Lower Upper
91 100
92 52.8 27.8 83.3
134 27.0 13.3 39.8

Manual Integrations

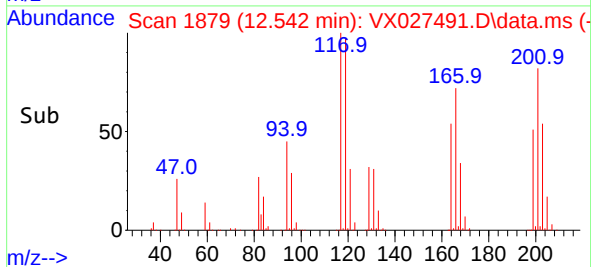
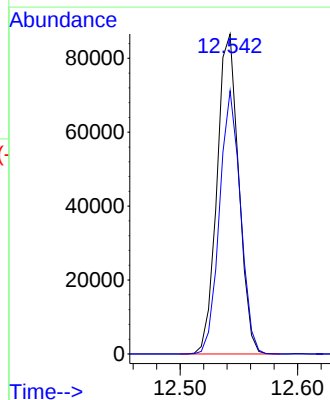
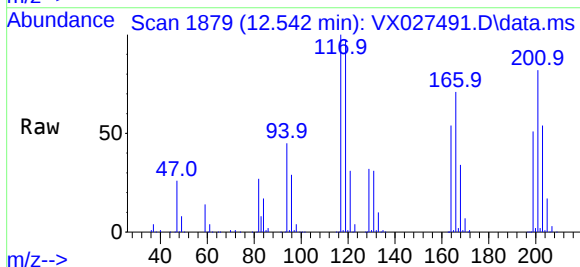
APPROVED

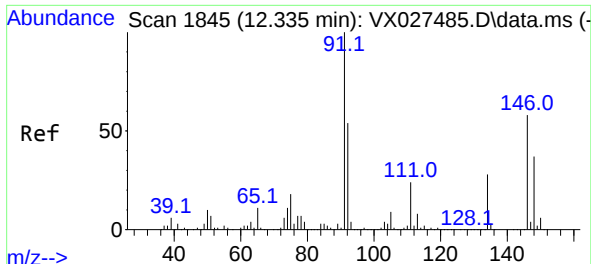
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#90
Hexachloroethane
Concen: 49.575 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion:117 Resp: 111221
Ion Ratio Lower Upper
117 100
201 79.3 39.5 118.5





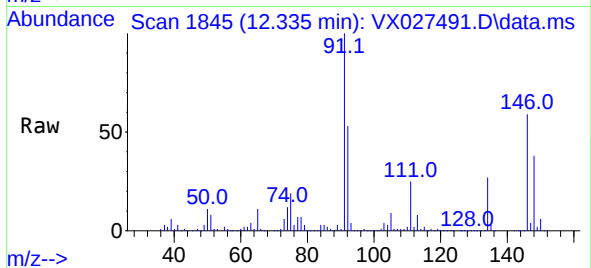
#91
1,2-Dichlorobenzene
Concen: 51.625 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



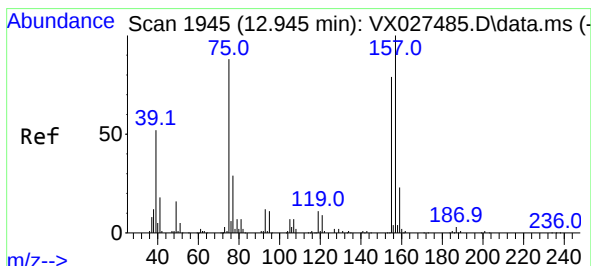
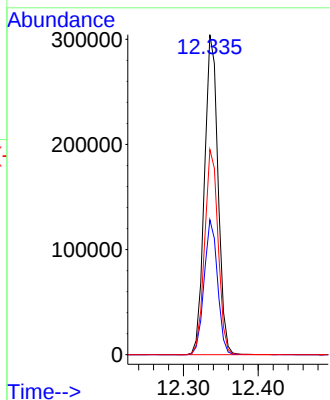
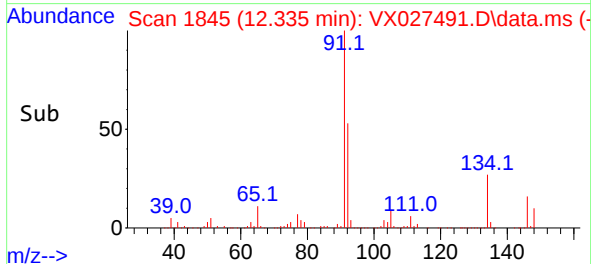
Tgt Ion:146 Resp: 382679
Ion Ratio Lower Upper
146 100
111 41.7 21.0 63.0
148 63.8 32.6 97.7

Manual Integrations

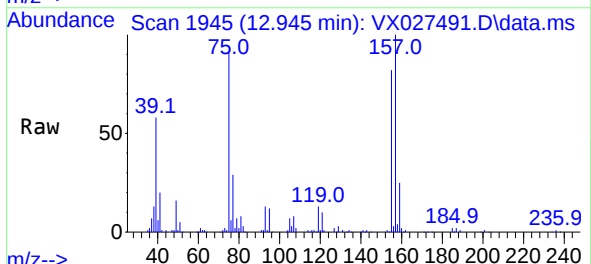
APPROVED

Reviewed By :John Carlone 03/18/2022

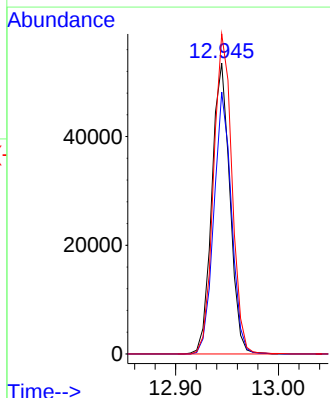
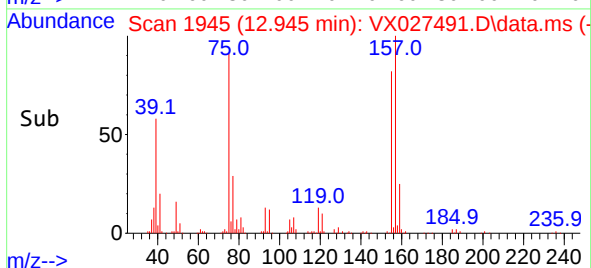
Supervised By :Mahesh Dadoda 03/18/2022

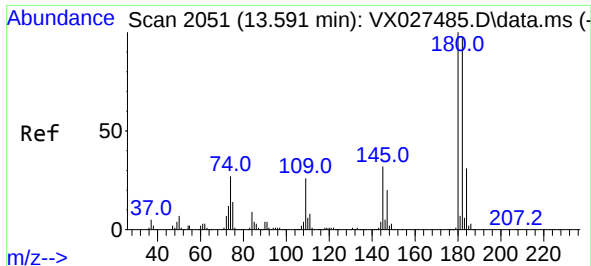


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.266 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43



Tgt Ion: 75 Resp: 65269
Ion Ratio Lower Upper
75 100
155 87.7 47.0 141.2
157 112.0 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 51.891 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

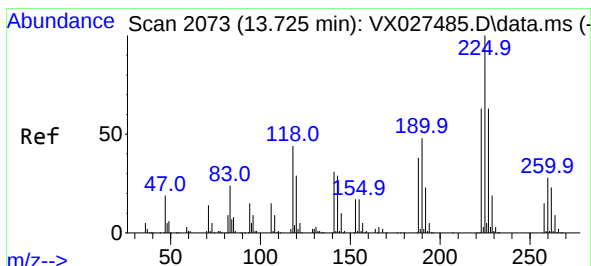
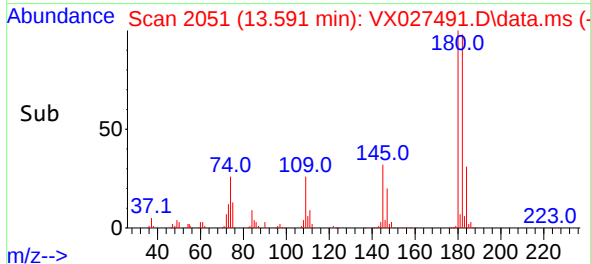
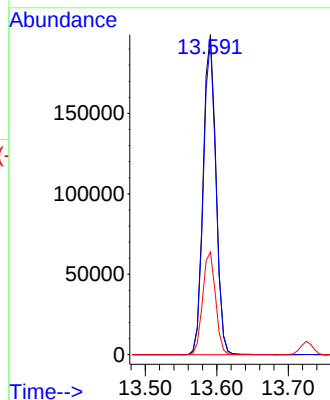
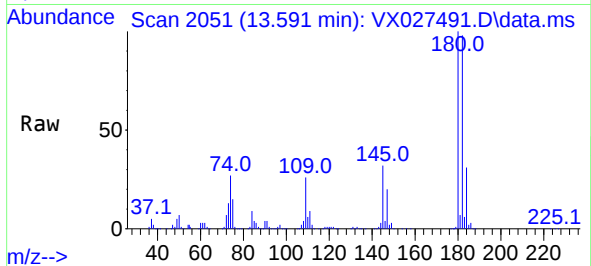
VSTDCCC050

Tgt Ion:180 Resp: 246544
Ion Ratio Lower Upper
180 100
182 96.7 47.7 143.1
145 32.4 15.2 45.5

Manual Integrations

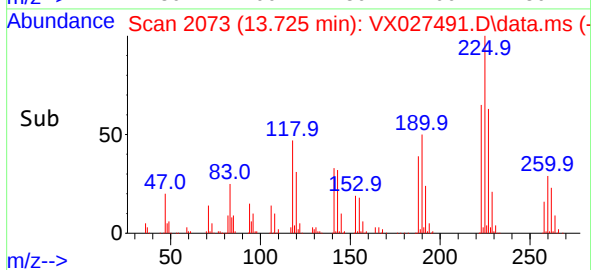
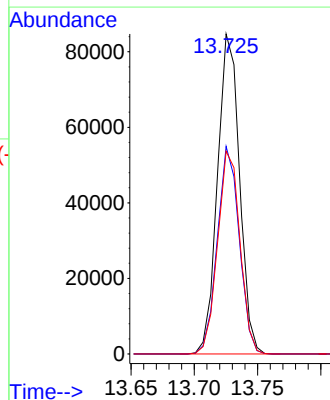
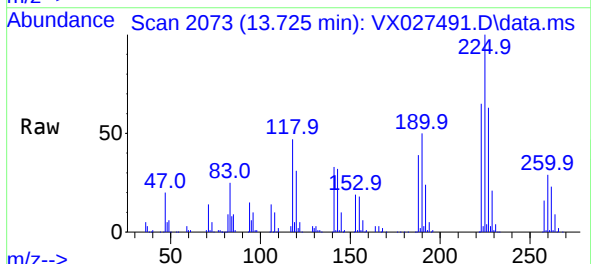
APPROVED

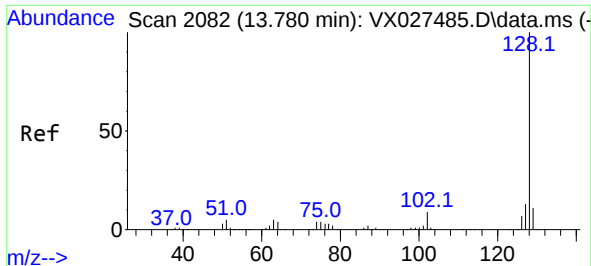
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#94
Hexachlorobutadiene
Concen: 48.759 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion:225 Resp: 102334
Ion Ratio Lower Upper
225 100
223 64.4 34.2 102.5
227 64.2 33.9 101.7





#95
Naphthalene
Concen: 55.723 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

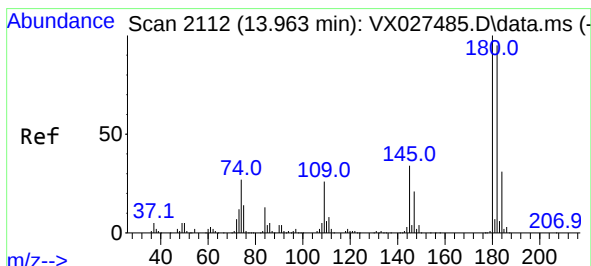
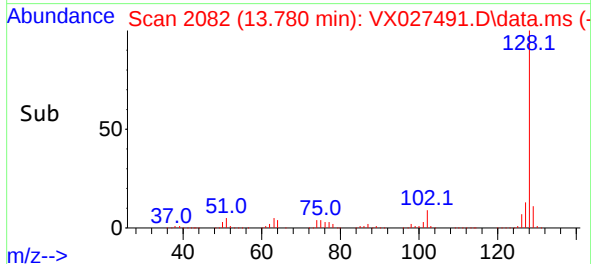
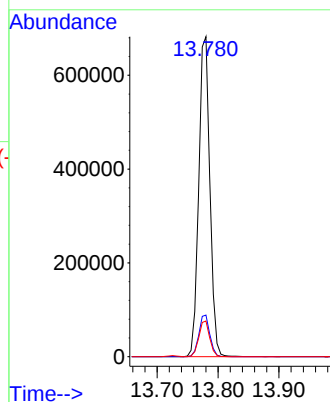
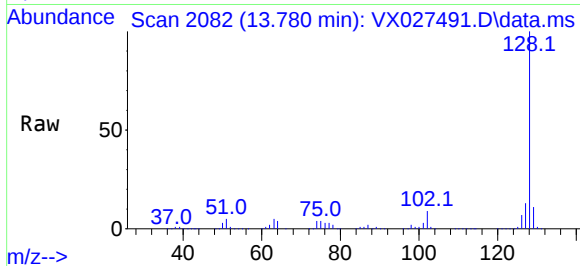
VSTDCCC050

Tgt Ion:128 Resp: 861854
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.714 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027491.D
Acq: 17 Mar 2022 16:43

Tgt Ion:180 Resp: 248543
Ion Ratio Lower Upper
180 100
182 95.2 50.0 149.8
145 33.6 16.2 48.5

