

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
 Data File : VD071110.D
 Acq On : 01 Dec 2021 17:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 02 03:15:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	290661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	490415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	441961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	215407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	155235	45.516	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.040%		
35) Dibromofluoromethane	7.909	113	143414	45.923	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.840%		
50) Toluene-d8	10.332	98	526165	44.274	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.540%		
62) 4-Bromofluorobenzene	12.626	95	192639	46.762	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	115121	46.445	ug/l	91
3) Chloromethane	2.209	50	179034	54.597	ug/l	100
4) Vinyl Chloride	2.350	62	199212	54.452	ug/l	99
5) Bromomethane	2.774	94	137229	52.034	ug/l	99
6) Chloroethane	2.926	64	144094	57.265	ug/l	93
7) Trichlorofluoromethane	3.274	101	268732	54.223	ug/l	97
8) Diethyl Ether	3.709	74	74236	55.253	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	159097	54.412	ug/l	97
10) Methyl Iodide	4.303	142	152576	45.354	ug/l	95
11) Tert butyl alcohol	5.203	59	68732	328.026	ug/l #	90
12) 1,1-Dichloroethene	4.073	96	141473	52.430	ug/l	81
13) Acrolein	3.921	56	48489	208.047	ug/l	94
14) Allyl chloride	4.715	41	277173	54.080	ug/l #	81
15) Acrylonitrile	5.420	53	196447	300.646	ug/l	96
16) Acetone	4.150	43	242722	265.795	ug/l	88
17) Carbon Disulfide	4.409	76	397363	50.298	ug/l	97
18) Methyl Acetate	4.721	43	145854	57.962	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	383581	58.005	ug/l	100
20) Methylene Chloride	4.962	84	178597	52.066	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	165866	54.607	ug/l	93
22) Diisopropyl ether	6.362	45	593428	57.790	ug/l	94
23) Vinyl Acetate	6.303	43	1424070	255.747	ug/l	96
24) 1,1-Dichloroethane	6.262	63	329697	55.821	ug/l	99
25) 2-Butanone	7.209	43	286562	271.249	ug/l	90
26) 2,2-Dichloropropane	7.209	77	277356	51.642	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	194639	56.642	ug/l	93
28) Bromochloromethane	7.544	49	126537	49.325	ug/l	91
29) Tetrahydrofuran	7.562	42	162078	299.277	ug/l	95
30) Chloroform	7.709	83	336769	56.814	ug/l	99
31) Cyclohexane	7.985	56	290958	50.154	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	291838	54.838	ug/l #	94
36) 1,1-Dichloropropene	8.109	75	249230	54.375	ug/l	98
37) Ethyl Acetate	7.291	43	113388	57.269	ug/l #	86
38) Carbon Tetrachloride	8.097	117	253532	56.113	ug/l	100
39) Methylcyclohexane	9.350	83	295591	53.617	ug/l	98
40) Benzene	8.350	78	689475	55.378	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	58941	59.421	ug/l	90
42) 1,2-Dichloroethane	8.420	62	219256	57.693	ug/l	94
43) Isopropyl Acetate	8.450	43	230185	52.540	ug/l	90
44) Trichloroethene	9.108	130	181683	54.731	ug/l	94
45) 1,2-Dichloropropane	9.385	63	185530	56.664	ug/l	99
46) Dibromomethane	9.467	93	96976	57.088	ug/l	96
47) Bromodichloromethane	9.656	83	257225	57.257	ug/l	97
48) Methyl methacrylate	9.456	41	110314	56.920	ug/l #	81
49) 1,4-Dioxane	9.456	88	18850	1149.546	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	598351	265.795	ug/l	91
52) Toluene	10.397	92	434552	55.010	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	233061	56.426	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	268989	54.826	ug/l #	78
55) 1,1,2-Trichloroethane	10.791	97	130356	58.496	ug/l	97
56) Ethyl methacrylate	10.655	69	167733	52.011	ug/l #	76
57) 1,3-Dichloropropane	10.944	76	232019	59.268	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	382082	251.963	ug/l	100
59) 2-Hexanone	10.979	43	439226	259.555	ug/l	89
60) Dibromochloromethane	11.132	129	162520	58.679	ug/l	100
61) 1,2-Dibromoethane	11.244	107	123840	57.863	ug/l	99
64) Tetrachloroethene	10.873	164	154902	55.208	ug/l	97
65) Chlorobenzene	11.661	112	456050	55.614	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	172098	57.479	ug/l	99
67) Ethyl Benzene	11.738	91	867531	56.197	ug/l	99
68) m/p-Xylenes	11.850	106	658179	112.933	ug/l	97
69) o-Xylene	12.173	106	305616	55.793	ug/l	96
70) Styrene	12.185	104	532973	57.732	ug/l	97
71) Bromoform	12.350	173	93087	60.012	ug/l #	98
73) Isopropylbenzene	12.473	105	847829	54.358	ug/l	98
74) N-amyl acetate	12.279	43	207903	48.836	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	147416	57.393	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	104969m	51.147	ug/l	
77) Bromobenzene	12.749	156	182942	54.151	ug/l	98
78) n-propylbenzene	12.814	91	1031919	53.126	ug/l	99
79) 2-Chlorotoluene	12.897	91	577581	52.981	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	692518	53.843	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	42842	48.961	ug/l #	80
82) 4-Chlorotoluene	12.997	91	595520	52.618	ug/l	98
83) tert-Butylbenzene	13.214	119	590144	53.428	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	687598	54.758	ug/l	98
85) sec-Butylbenzene	13.391	105	907917	53.816	ug/l	98
86) p-Isopropyltoluene	13.508	119	746149	54.075	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	366466	54.492	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	361294	54.225	ug/l	98
89) n-Butylbenzene	13.832	91	739871	54.928	ug/l	99
90) Hexachloroethane	14.096	117	141019	53.912	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	321335	56.187	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	23239	55.557	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	199941	56.047	ug/l	97
94) Hexachlorobutadiene	15.249	225	110701	54.845	ug/l	99
95) Naphthalene	15.385	128	370037	58.841	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	176990	58.414	ug/l	98

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Instrument :
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ClientSampleId :
VSTDCCC050EC

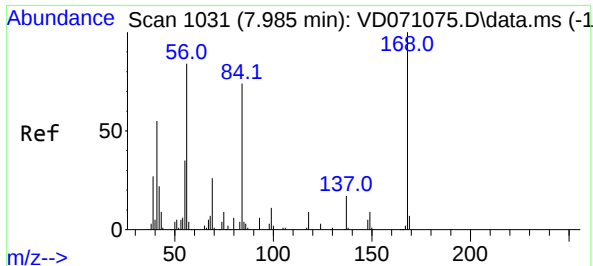
Manual Integrations
APPROVED

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Quant Time: Dec 02 03:15:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
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



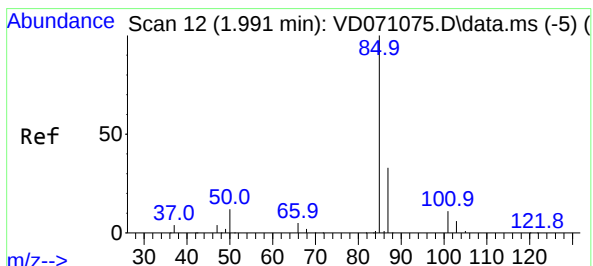
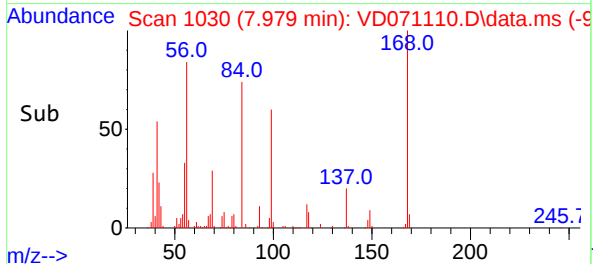
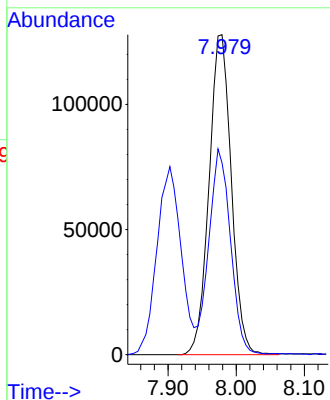
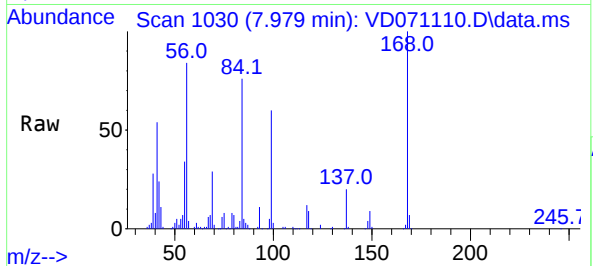
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 29066
Ion Ratio Lower Upper
168 100
99 59.5 46.6 69.8

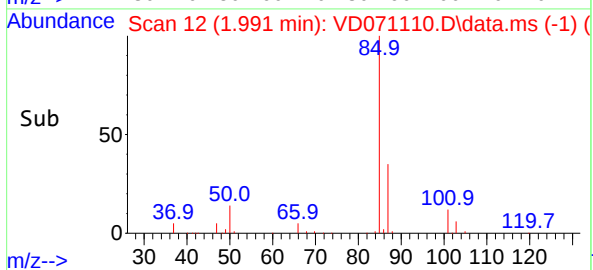
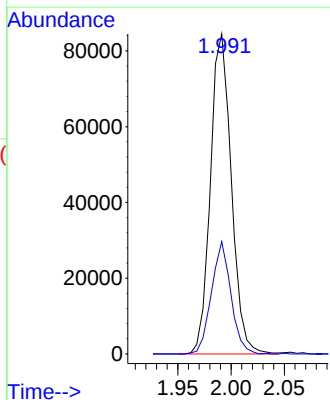
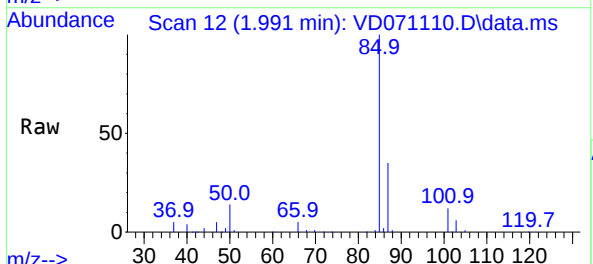
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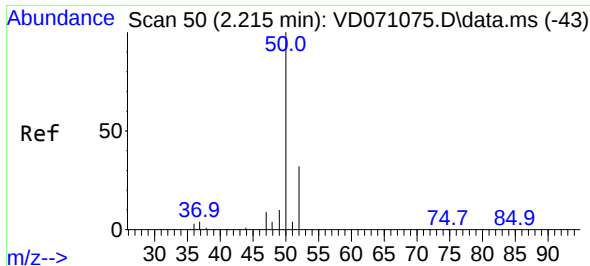
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#2
Dichlorodifluoromethane
Concen: 46.445 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Tgt Ion: 85 Resp: 115121
Ion Ratio Lower Upper
85 100
87 35.1 15.2 45.6





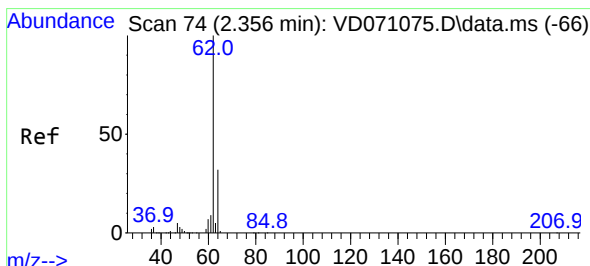
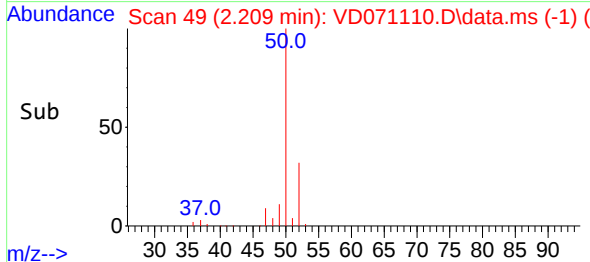
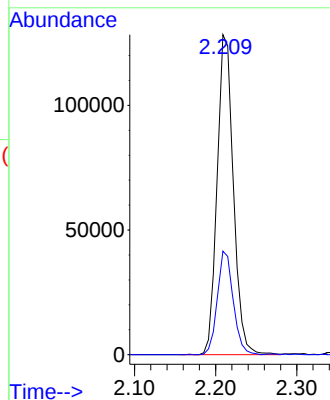
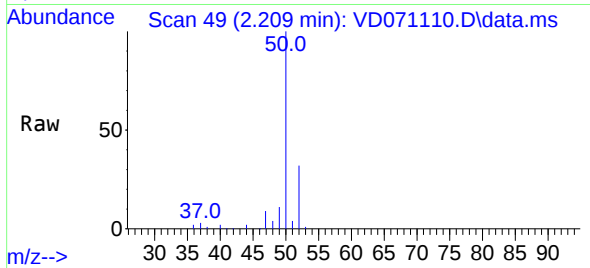
#3
Chloromethane
Concen: 54.597 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Instrument :
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Tgt Ion: 50 Resp: 179034
Ion Ratio Lower Upper
50 100
52 32.4 25.8 38.8

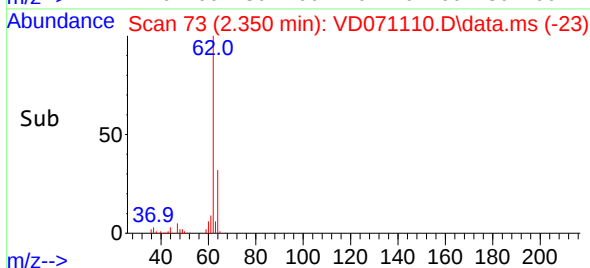
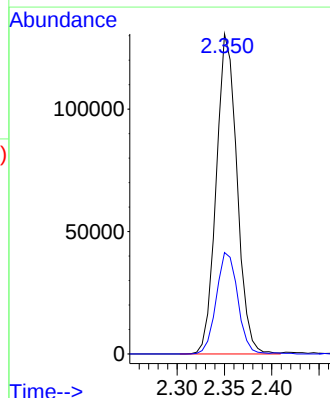
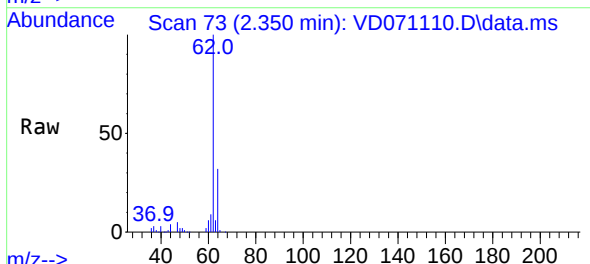
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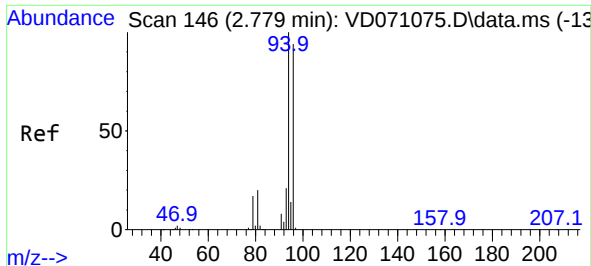
Reviewed By :John Carlone 12/02/2021
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#4
Vinyl Chloride
Concen: 54.452 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

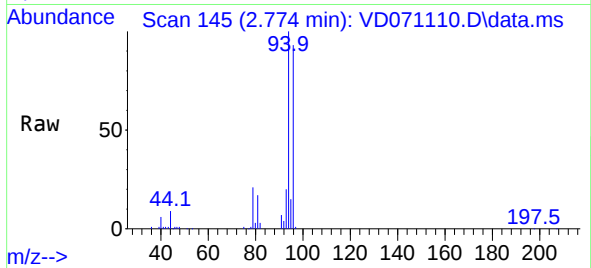
Tgt Ion: 62 Resp: 199212
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0





#5
Bromomethane
Concen: 52.034 ug/l
RT: 2.774 min Scan# 146
Delta R.T. -0.005 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

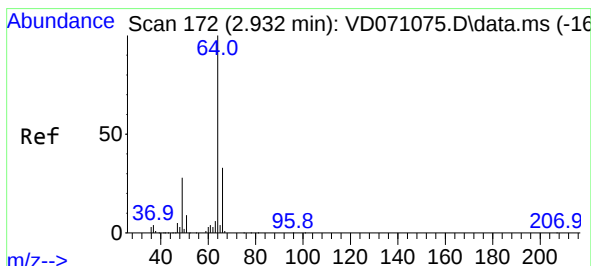
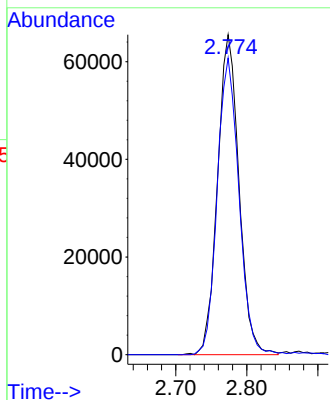
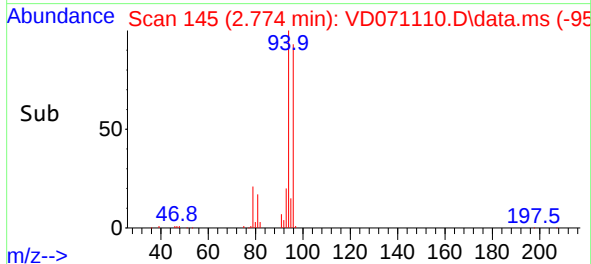
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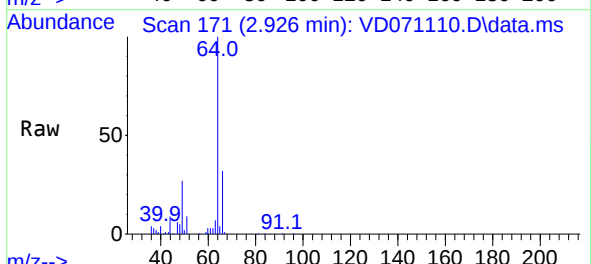
Tgt Ion: 94 Resp: 137229
Ion Ratio Lower Upper
94 100
96 92.7 74.8 112.2

Manual Integrations
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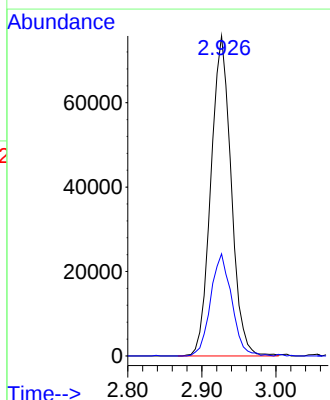
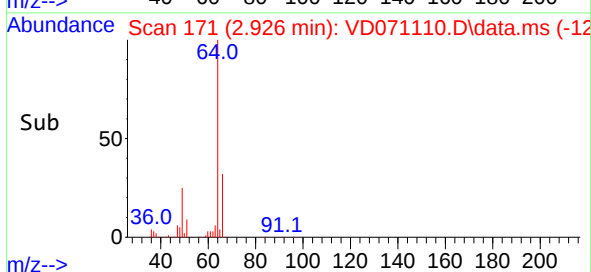
Reviewed By :John Carlone 12/02/2021
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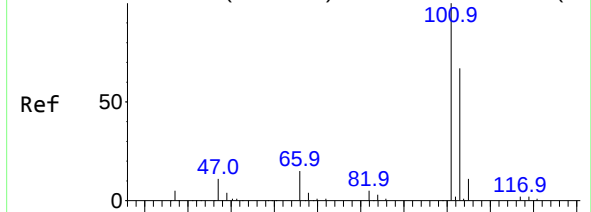
#6
Chloroethane
Concen: 57.265 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD071110.D
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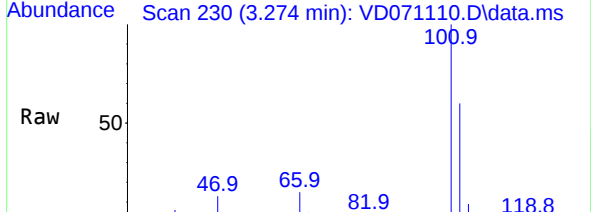
Tgt Ion: 64 Resp: 144094
Ion Ratio Lower Upper
64 100
66 31.9 29.0 43.4



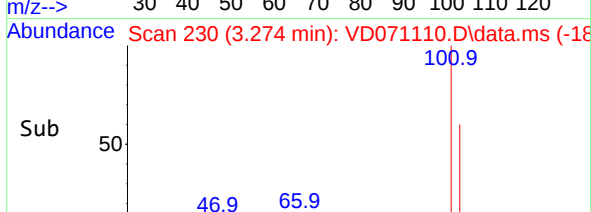
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Abundance Scan 230 (3.274 min): VD071110.D\data.ms



Abundance Scan 230 (3.274 min): VD071110.D\data.ms (-18



#7

Trichlorofluoromethane

Concen: 54.223 ug/l

RT: 3.274 min Scan# 21

Delta R.T. -0.005 min

Lab File: VD071110.D

Acq: 01 Dec 2021 17:28

Tgt Ion:101 Resp: 26873

Ion Ratio Lower Upper

101 100

103 59.9 49.7 74.5

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

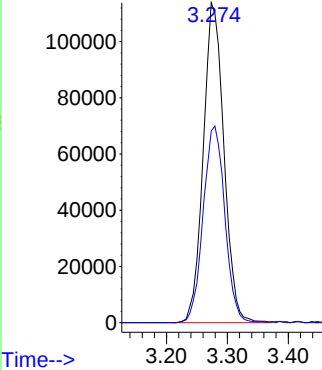
Manual Integrations

APPROVED

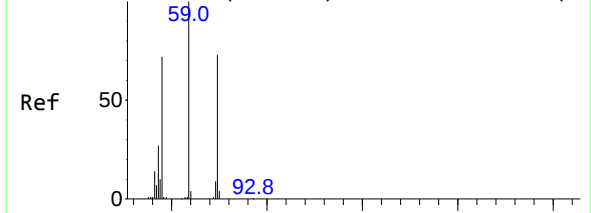
Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021

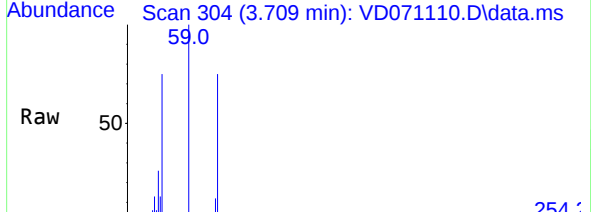
Abundance



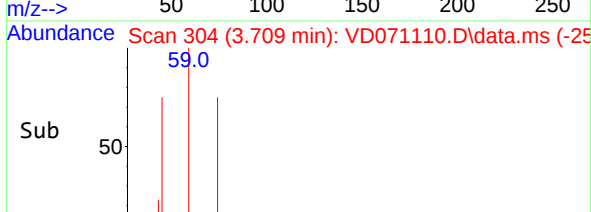
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Abundance Scan 304 (3.709 min): VD071110.D\data.ms



Abundance Scan 304 (3.709 min): VD071110.D\data.ms (-25



#8

Diethyl Ether

Concen: 55.253 ug/l

RT: 3.709 min Scan# 304

Delta R.T. -0.006 min

Lab File: VD071110.D

Acq: 01 Dec 2021 17:28

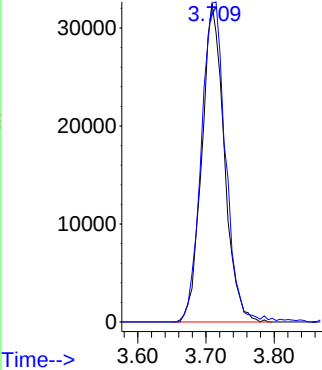
Tgt Ion: 74 Resp: 74236

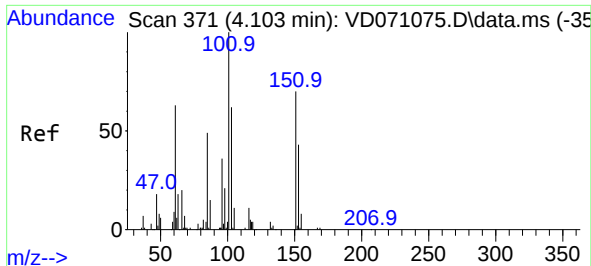
Ion Ratio Lower Upper

74 100

45 107.8 49.6 149.0

Abundance





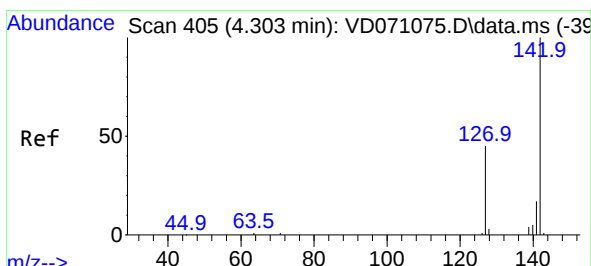
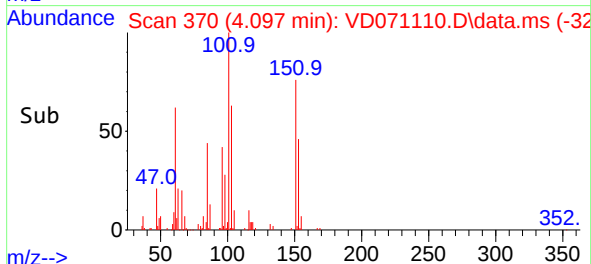
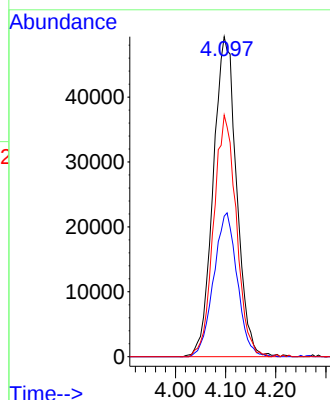
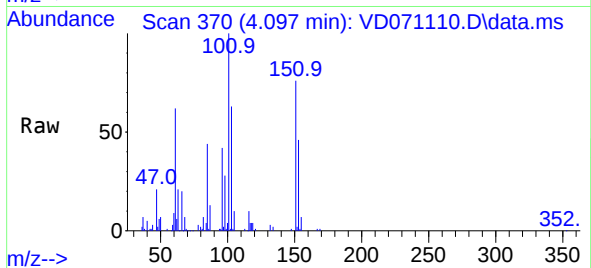
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.412 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 15909
Ion Ratio Lower Upper
101 100
85 45.5 34.8 52.2
151 73.6 60.4 90.6

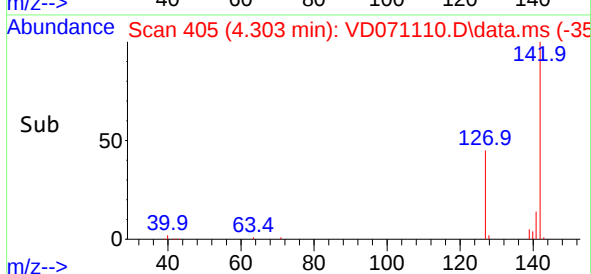
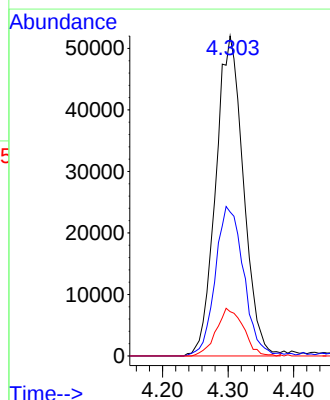
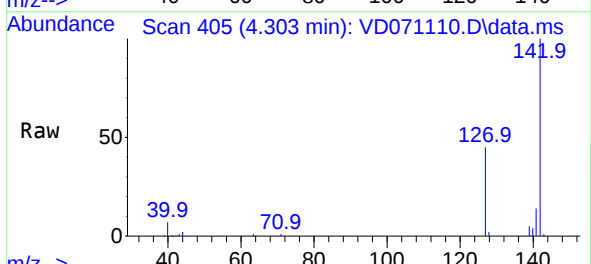
Manual Integrations
APPROVED

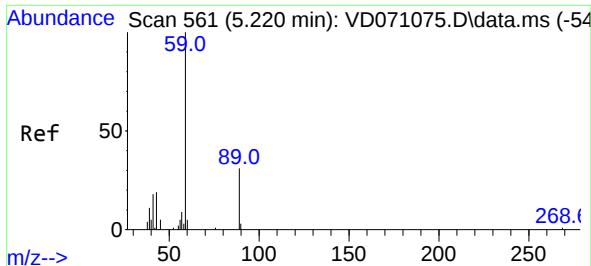
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#10
Methyl Iodide
Concen: 45.354 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

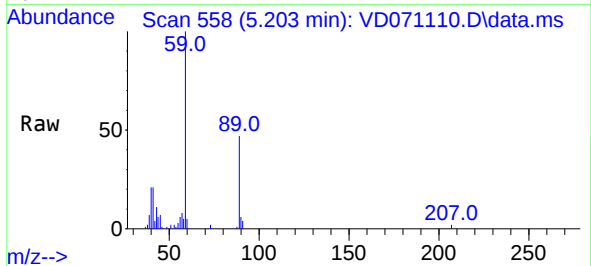
Tgt Ion:142 Resp: 152576
Ion Ratio Lower Upper
142 100
127 48.1 35.0 52.4
141 14.6 12.0 18.0





#11
Tert butyl alcohol
Concen: 328.026 ug/l
RT: 5.203 min Scan# 511
Delta R.T. -0.017 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

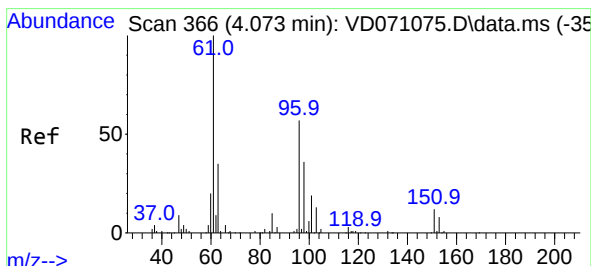
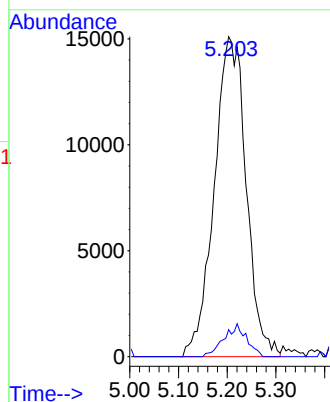
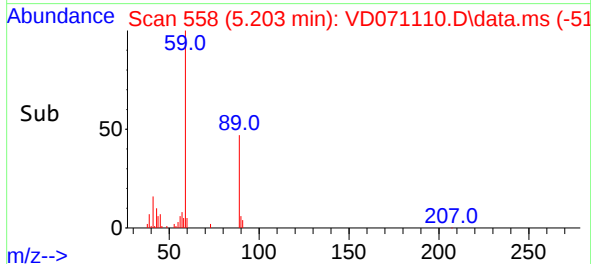
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



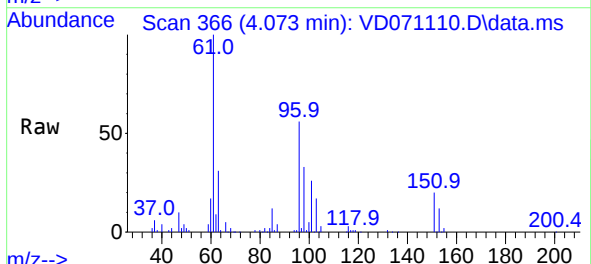
Tgt Ion: 59 Resp: 68732
Ion Ratio Lower Upper
59 100
57 7.2 9.0 13.4

Manual Integrations
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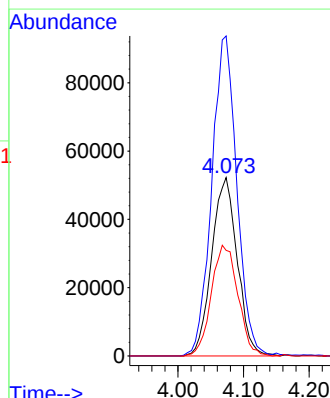
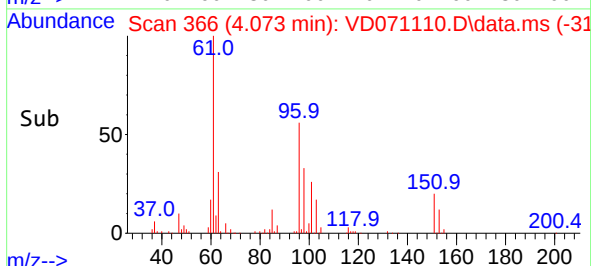
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#12
1,1-Dichloroethene
Concen: 52.430 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



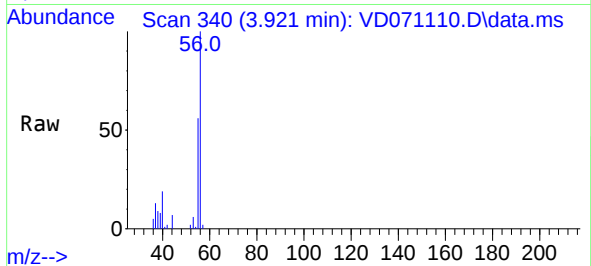
Tgt Ion: 96 Resp: 141473
Ion Ratio Lower Upper
96 100
61 179.4 120.3 180.5
98 59.2 54.4 81.6





#13
Acrolein
Concen: 208.047 ug/l
RT: 3.921 min Scan# 341
Delta R.T. -0.005 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

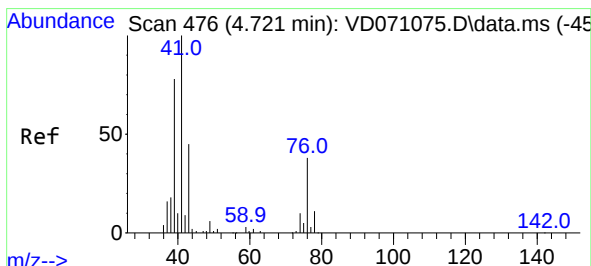
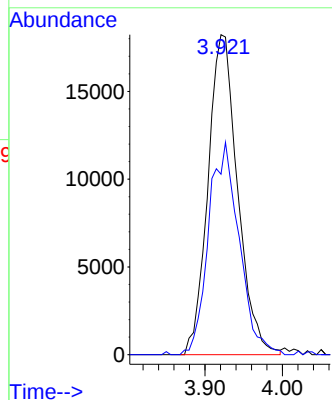
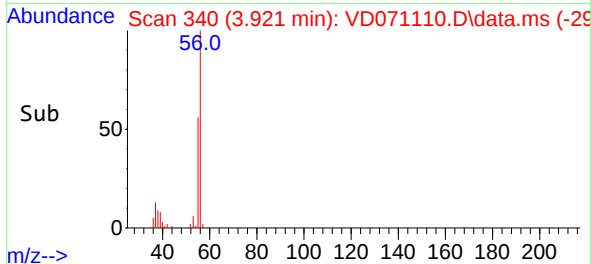
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



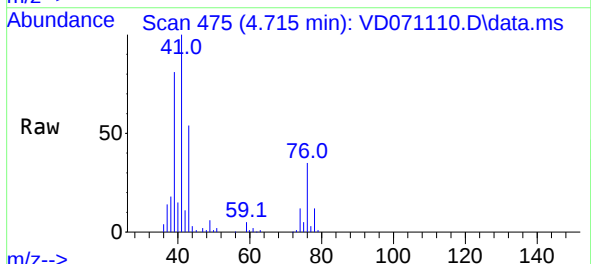
Tgt Ion: 56 Resp: 48489
Ion Ratio Lower Upper
56 100
55 68.4 58.6 87.8

Manual Integrations
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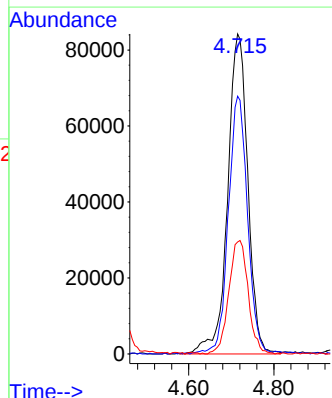
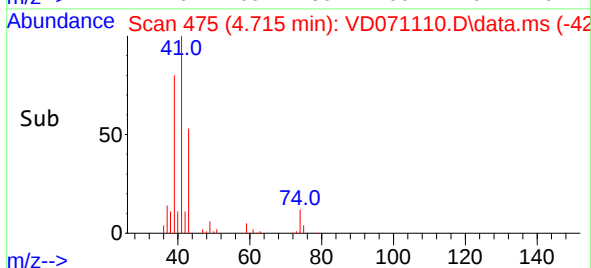
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

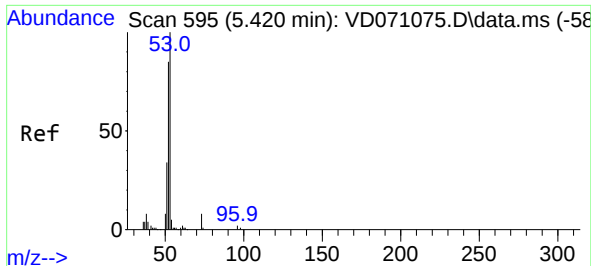


#14
Allyl chloride
Concen: 54.080 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



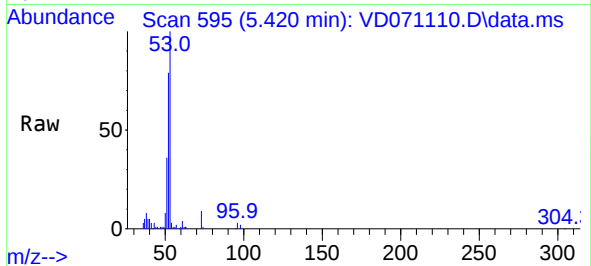
Tgt Ion: 41 Resp: 277173
Ion Ratio Lower Upper
41 100
39 76.7 45.6 68.4#
76 34.0 30.2 45.4





#15
Acrylonitrile
Concen: 300.646 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

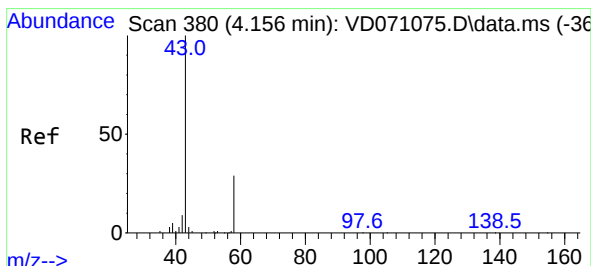
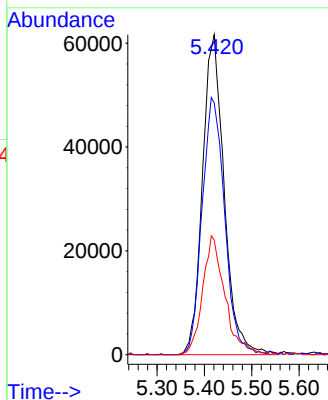
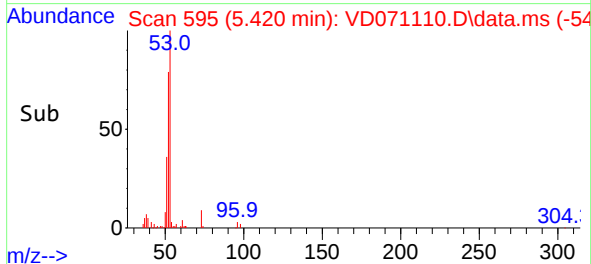
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



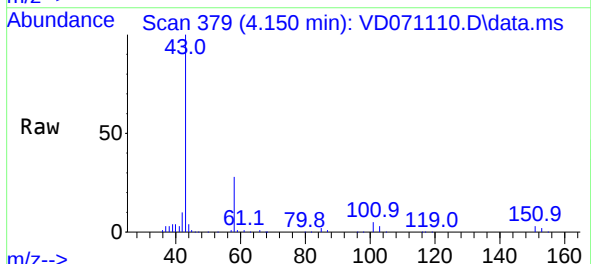
Tgt Ion: 53 Resp: 19644
Ion Ratio Lower Upper
53 100
52 83.3 63.8 95.8
51 38.1 28.5 42.7

Manual Integrations
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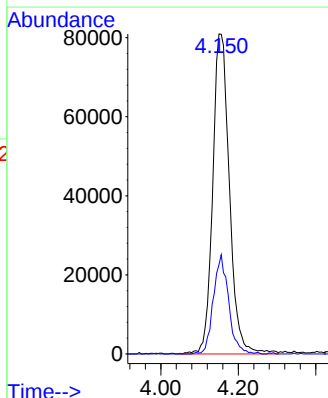
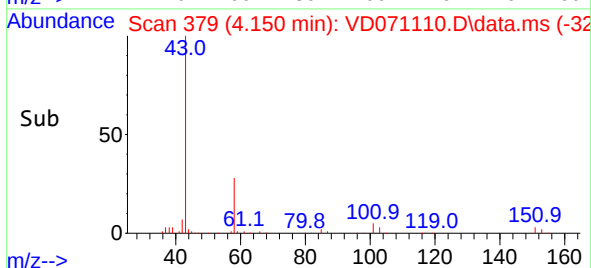
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

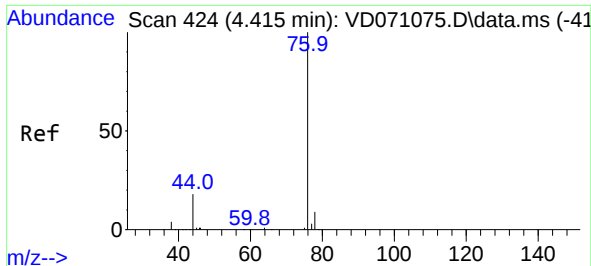


#16
Acetone
Concen: 265.795 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



Tgt Ion: 43 Resp: 242722
Ion Ratio Lower Upper
43 100
58 27.9 27.8 41.8





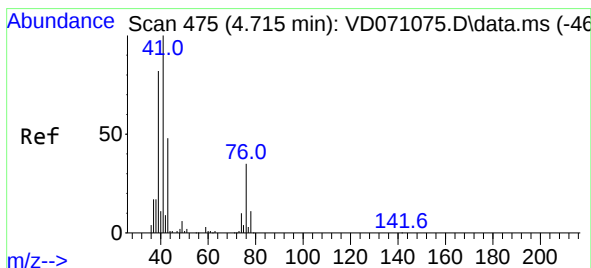
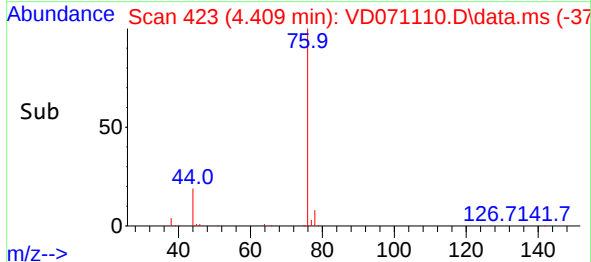
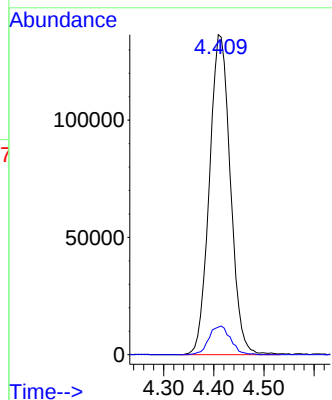
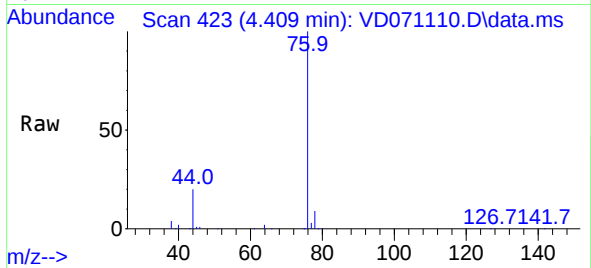
#17
Carbon Disulfide
Concen: 50.298 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 39736
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.8

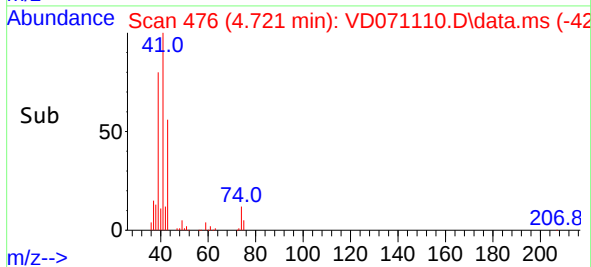
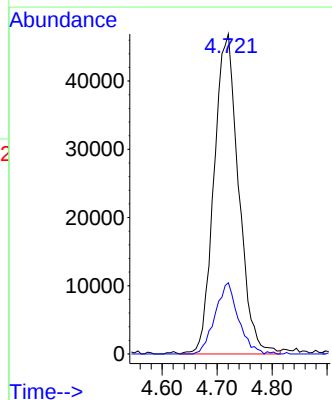
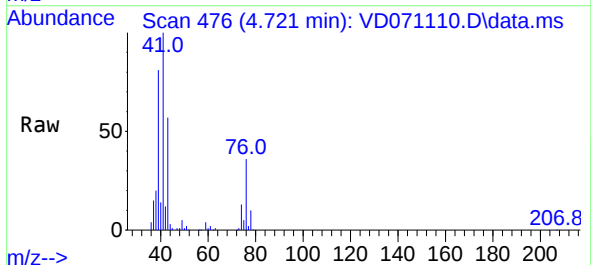
Manual Integrations
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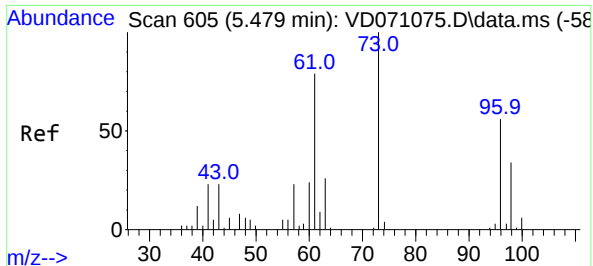
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#18
Methyl Acetate
Concen: 57.962 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

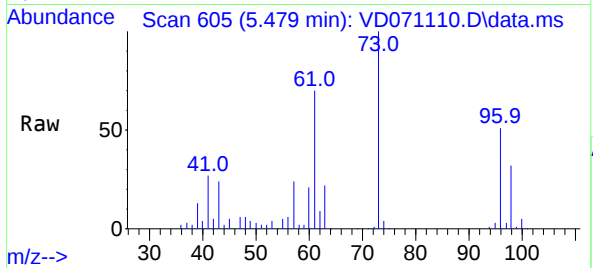
Tgt Ion: 43 Resp: 145854
Ion Ratio Lower Upper
43 100
74 20.9 19.3 28.9





#19
Methyl tert-butyl Ether
Concen: 58.005 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

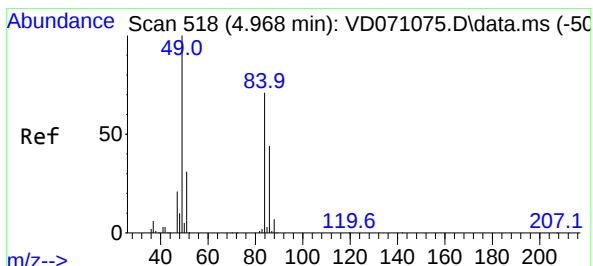
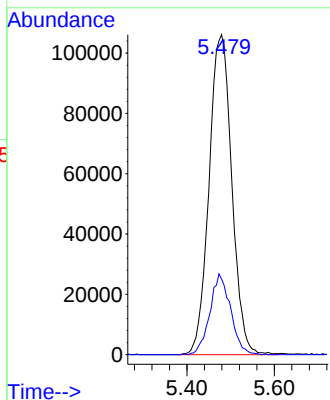
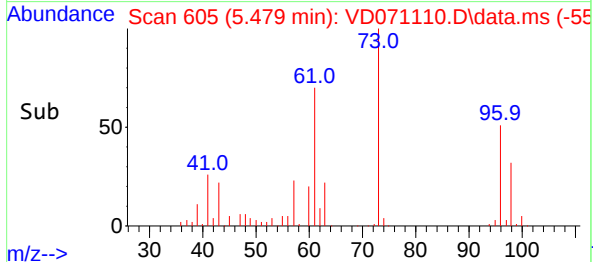
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



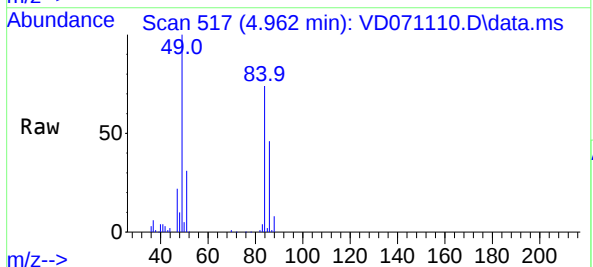
Tgt Ion: 73 Resp: 38358
Ion Ratio Lower Upper
73 100
57 23.7 18.9 28.3

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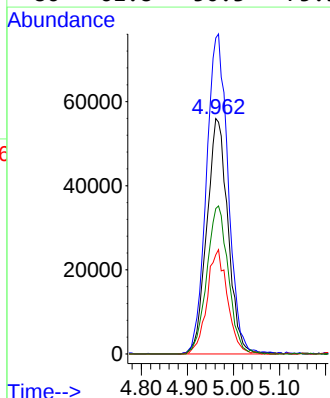
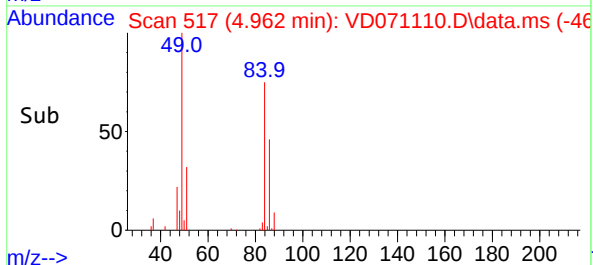
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

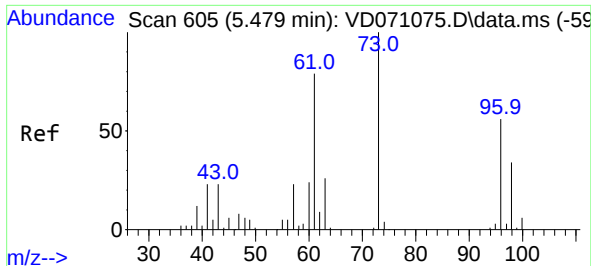


#20
Methylene Chloride
Concen: 52.066 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



Tgt Ion: 84 Resp: 178597
Ion Ratio Lower Upper
84 100
49 134.3 95.8 143.6
51 42.2 30.9 46.3
86 61.8 50.3 75.5





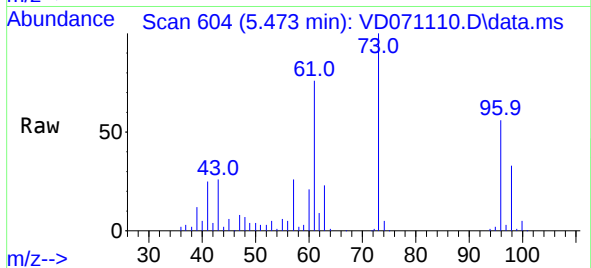
#21
trans-1,2-Dichloroethene
Concen: 54.607 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

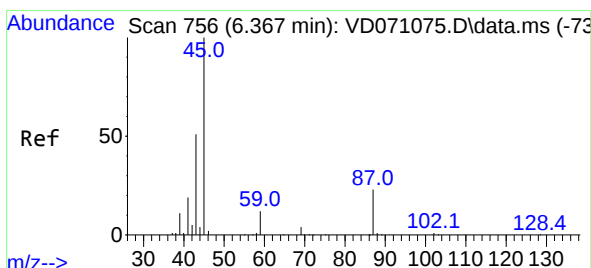
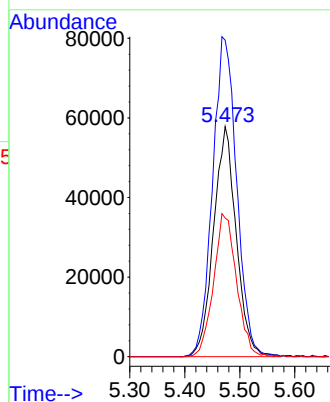
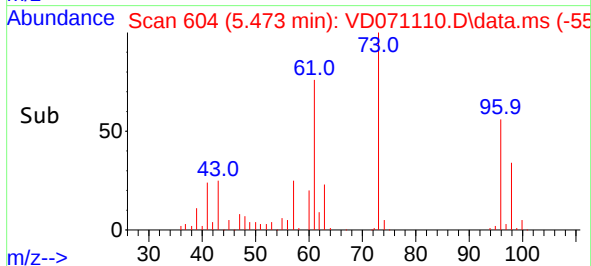


Tgt Ion: 96 Resp: 165860
Ion Ratio Lower Upper
96 100
61 137.6 102.1 153.1
98 60.3 50.1 75.1

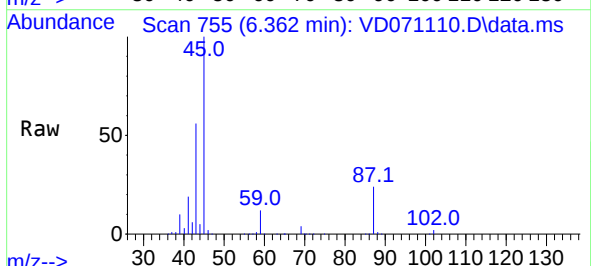
Manual Integrations

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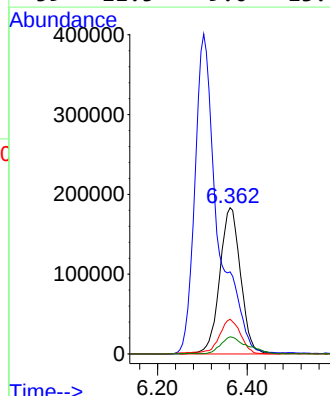
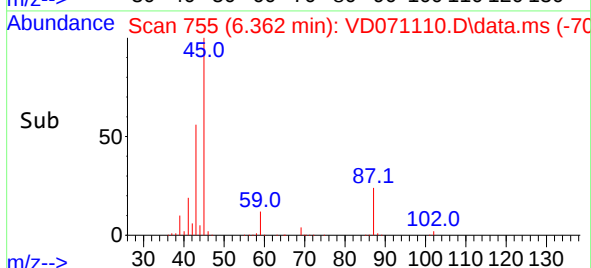
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#22
Diisopropyl ether
Concen: 57.790 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



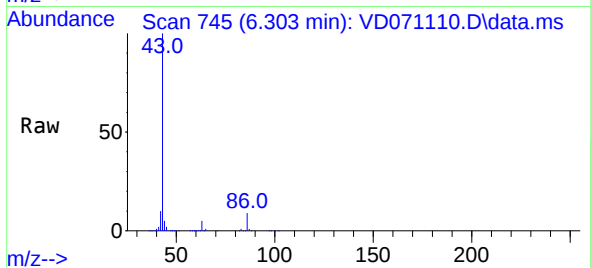
Tgt Ion: 45 Resp: 593428
Ion Ratio Lower Upper
45 100
43 55.3 39.6 59.4
87 23.8 21.2 31.8
59 11.5 9.0 13.6





#23
Vinyl Acetate
Concen: 255.747 ug/l
RT: 6.303 min Scan# 746
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

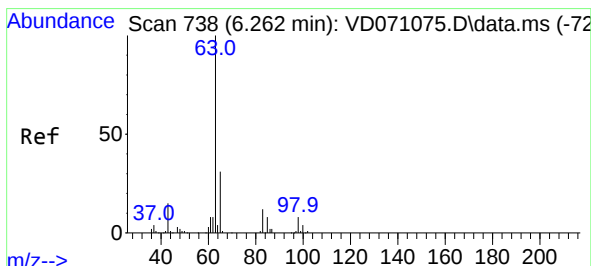
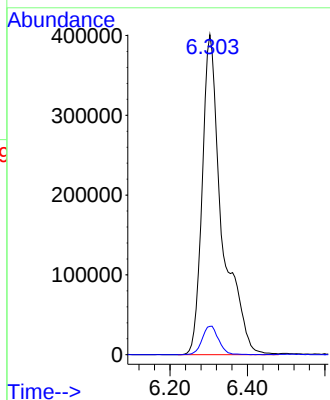
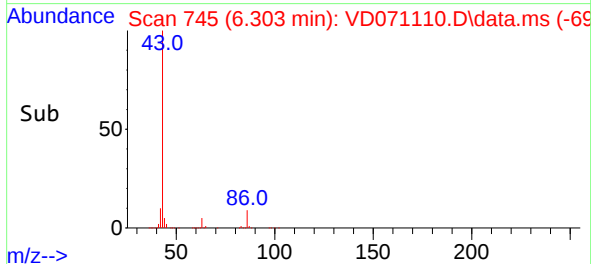
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1424070
Ion Ratio Lower Upper
43 100
86 8.8 8.2 12.4

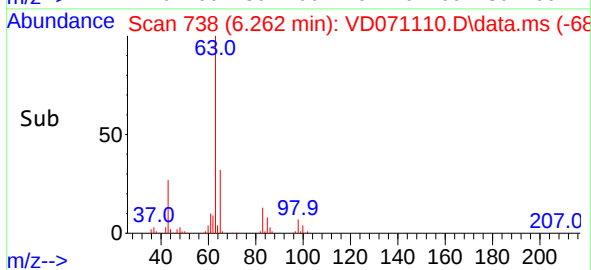
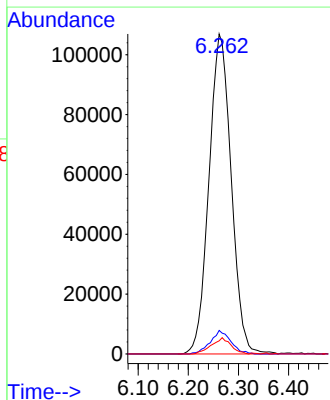
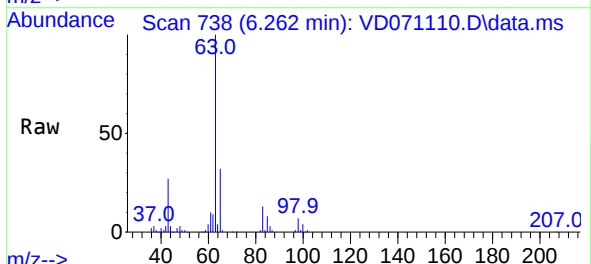
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#24
1,1-Dichloroethane
Concen: 55.821 ug/l
RT: 6.262 min Scan# 738
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

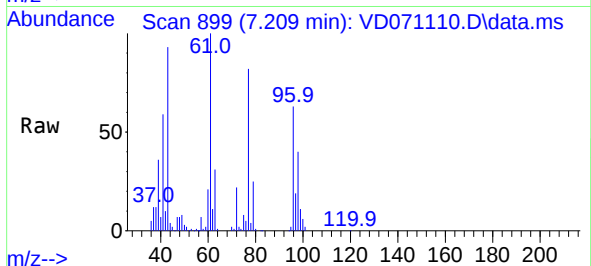
Tgt Ion: 63 Resp: 329697
Ion Ratio Lower Upper
63 100
98 7.4 3.5 10.6
100 4.1 2.1 6.3





#25
2-Butanone
Concen: 271.249 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

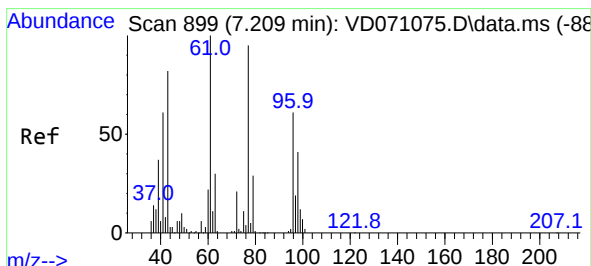
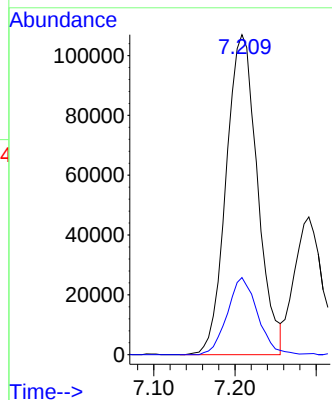
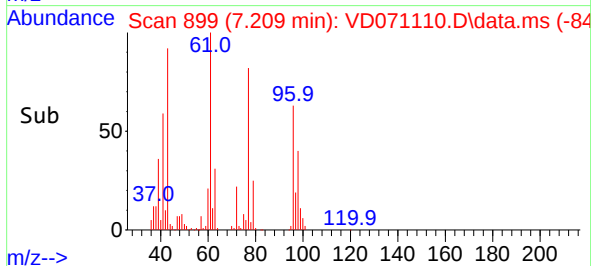
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



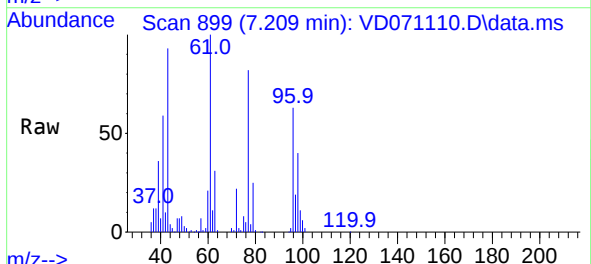
Tgt Ion: 43 Resp: 286562
Ion Ratio Lower Upper
43 100
72 24.1 23.8 35.6

Manual Integrations
APPROVED

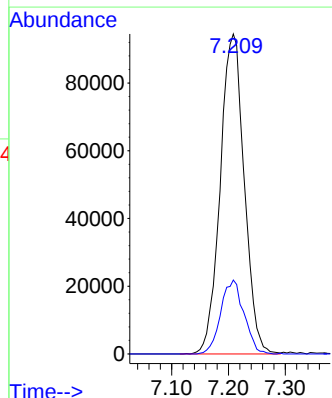
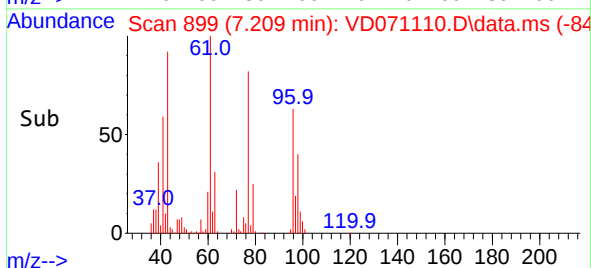
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

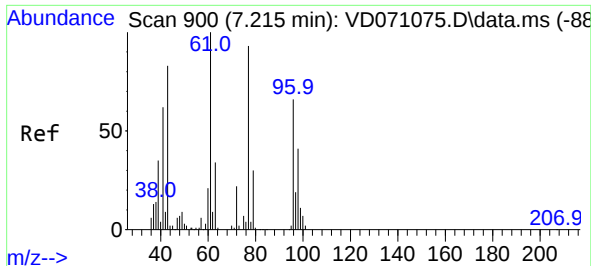


#26
2,2-Dichloropropane
Concen: 51.642 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



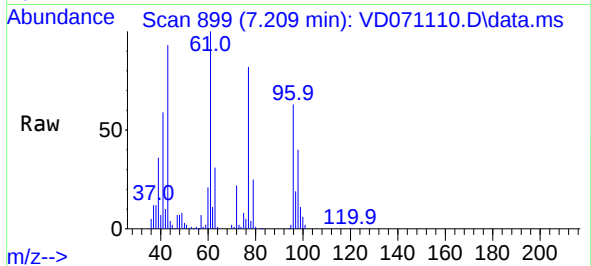
Tgt Ion: 77 Resp: 277356
Ion Ratio Lower Upper
77 100
97 22.3 11.9 35.5





#27
cis-1,2-Dichloroethene
Concen: 56.642 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

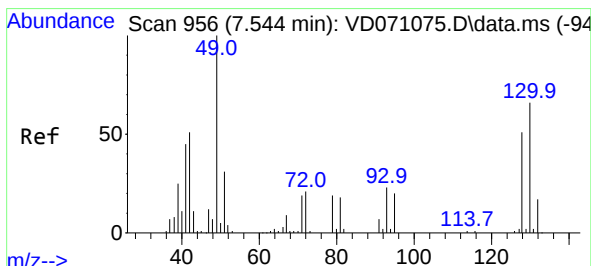
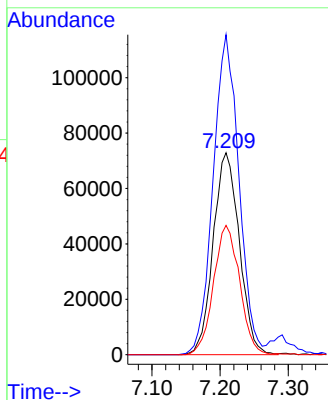
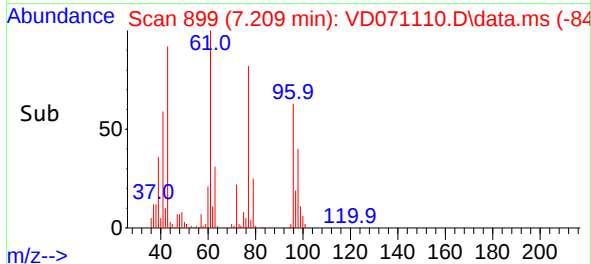
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 194639
Ion Ratio Lower Upper
96 100
61 156.0 0.0 288.6
98 64.1 0.0 129.2

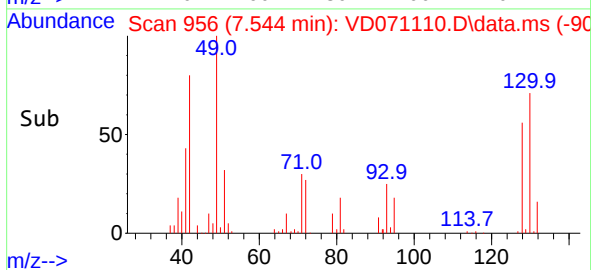
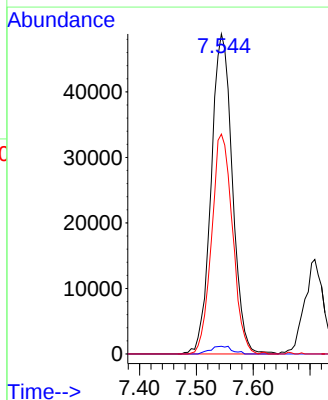
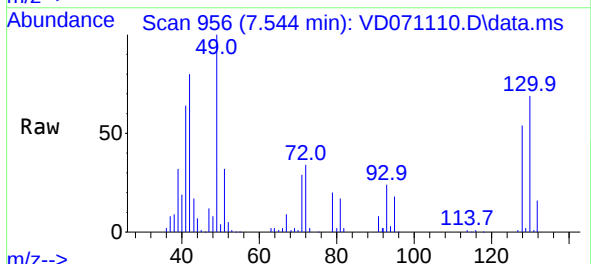
Manual Integrations
APPROVED

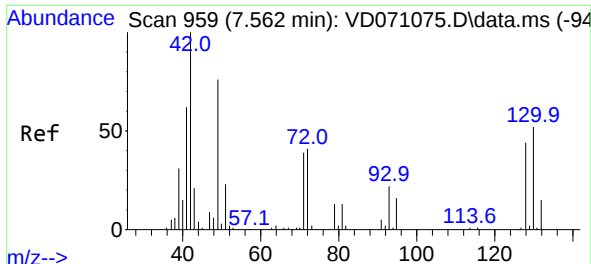
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#28
Bromochloromethane
Concen: 49.325 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

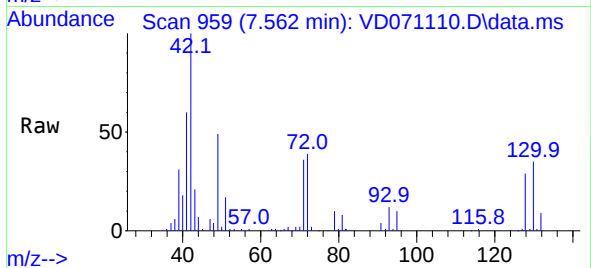
Tgt Ion: 49 Resp: 126537
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.0
130 67.7 60.2 90.2





#29
Tetrahydrofuran
Concen: 299.277 ug/l
RT: 7.562 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

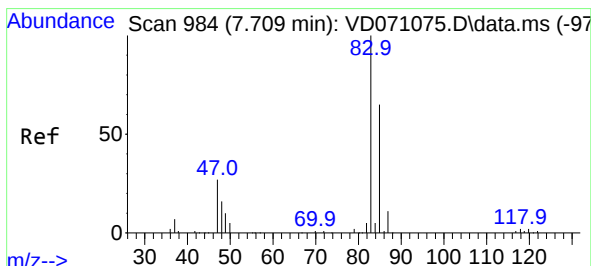
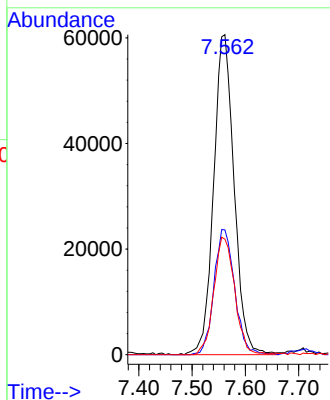
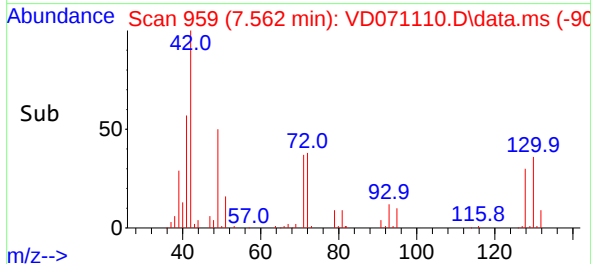
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



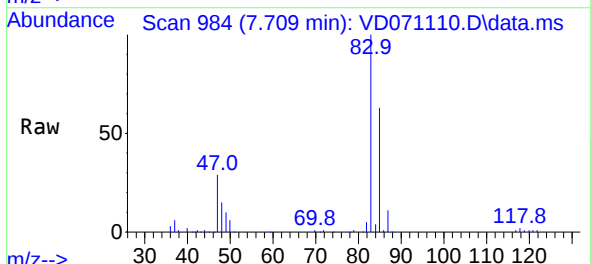
Tgt Ion: 42 Resp: 162078
Ion Ratio Lower Upper
42 100
72 39.4 33.7 50.5
71 37.2 32.7 49.1

Manual Integrations
APPROVED

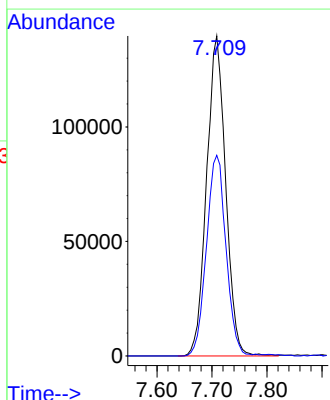
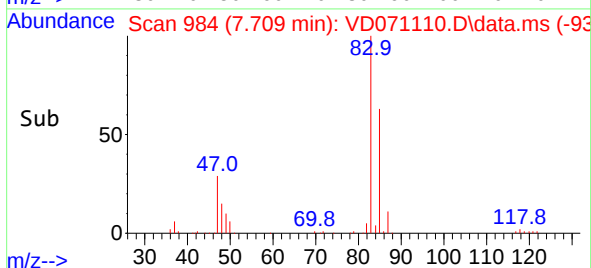
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

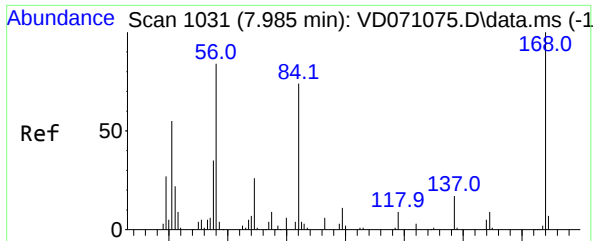


#30
Chloroform
Concen: 56.814 ug/l
RT: 7.709 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



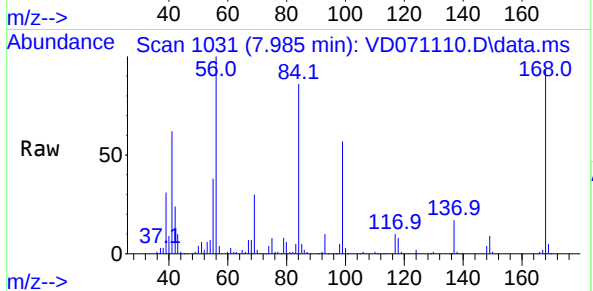
Tgt Ion: 83 Resp: 336769
Ion Ratio Lower Upper
83 100
85 62.7 51.0 76.6





#31
Cyclohexane
Concen: 50.154 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

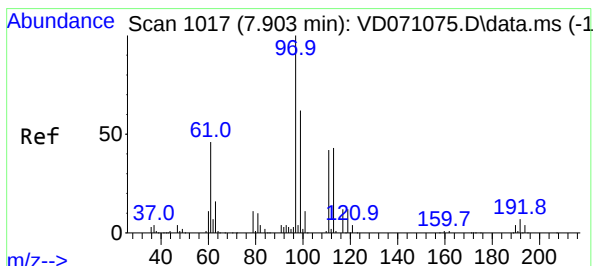
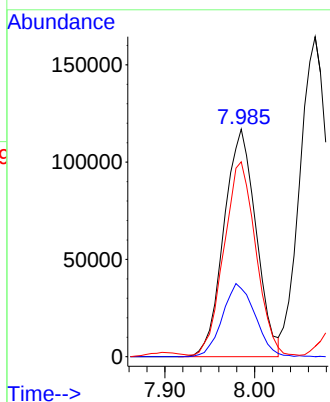
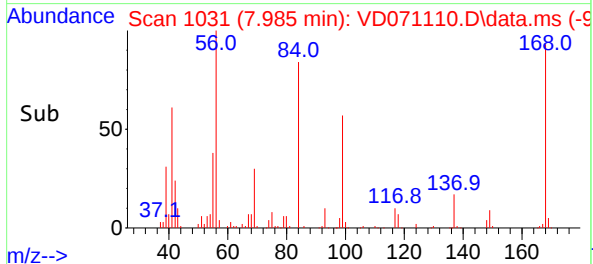
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



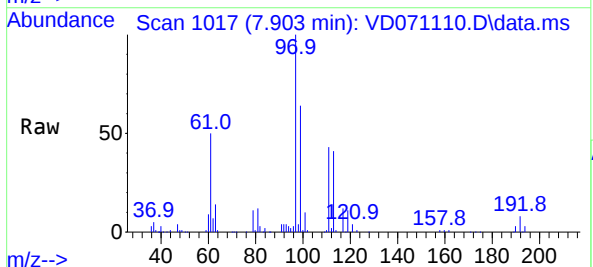
Tgt Ion: 56 Resp: 290958
Ion Ratio Lower Upper
56 100
69 29.7 25.9 38.9
84 84.4 64.3 96.5

Manual Integrations
APPROVED

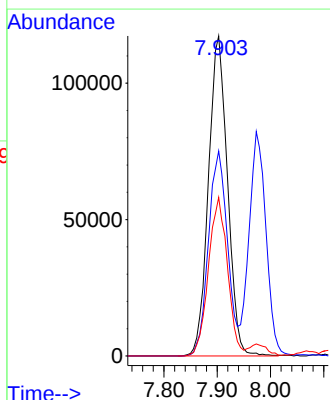
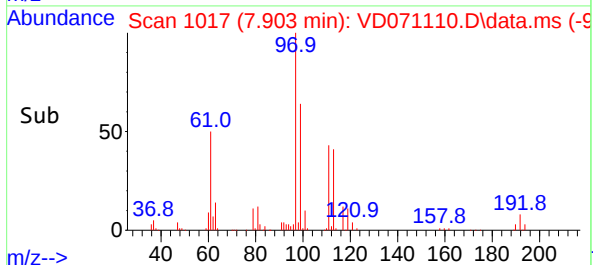
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

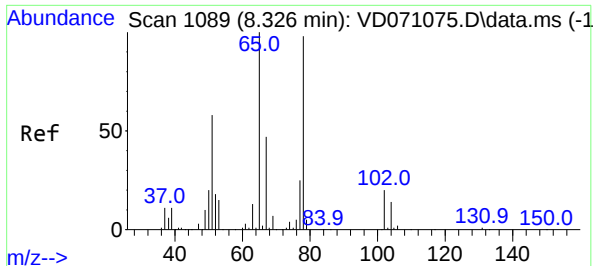


#32
1,1,1-Trichloroethane
Concen: 54.838 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



Tgt Ion: 97 Resp: 291838
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 49.5 33.0 49.4#





#33

1,2-Dichloroethane-d4

Concen: 45.516 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071110.D

Acq: 01 Dec 2021 17:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 155235

Ion Ratio Lower Upper

65 100

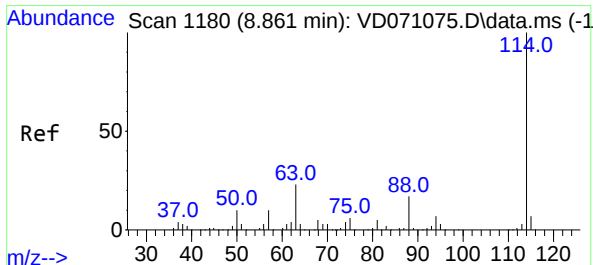
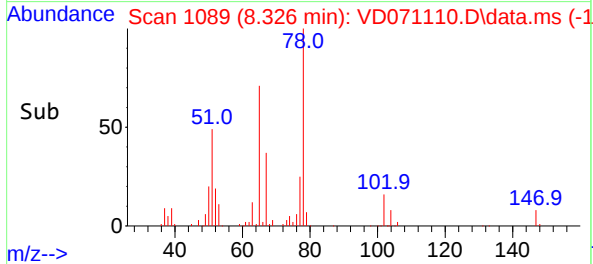
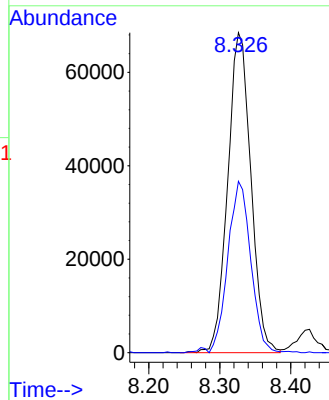
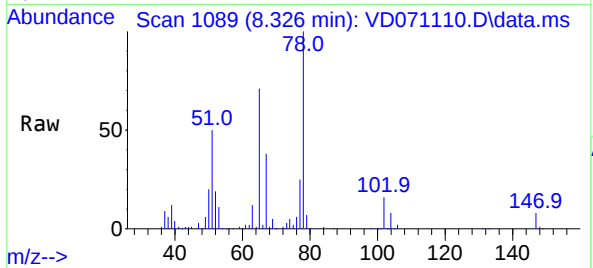
67 52.8 0.0 112.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071110.D

Acq: 01 Dec 2021 17:28

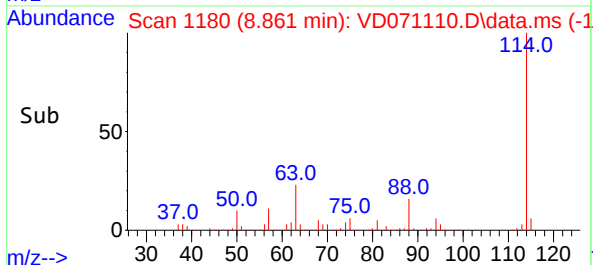
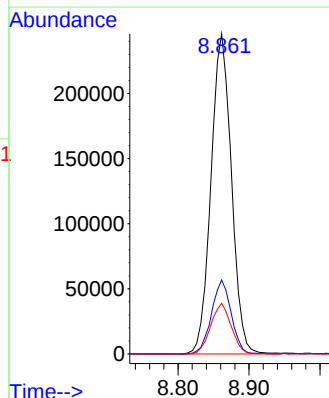
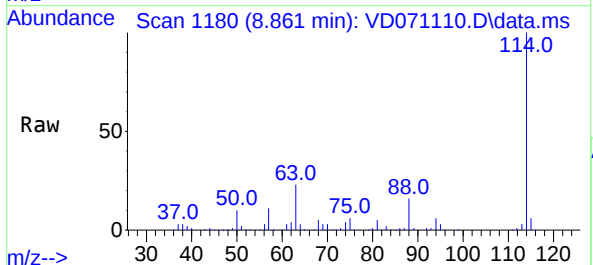
Tgt Ion:114 Resp: 490415

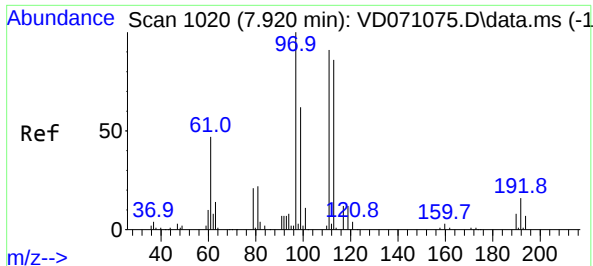
Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.923 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.011 min

Lab File: VD071110.D

Acq: 01 Dec 2021 17:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 143414

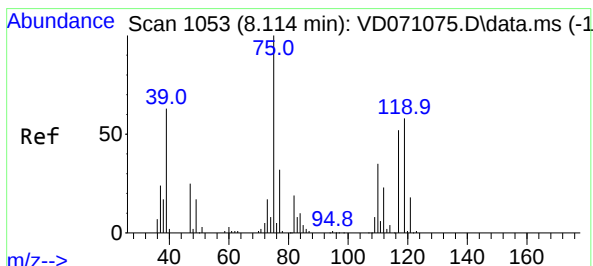
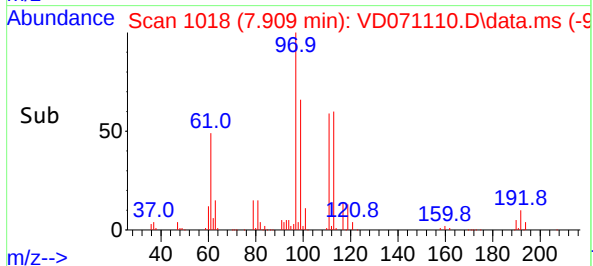
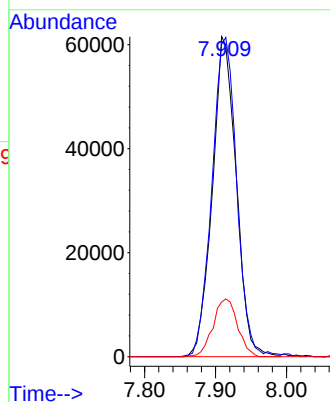
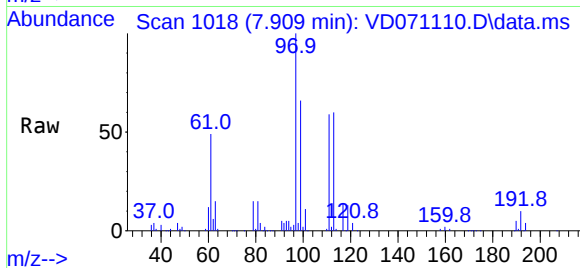
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.0	123.0
192	18.5	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2021

Supervised By :Mahesh Dadoda 12/03/2021



#36

1,1-Dichloropropene

Concen: 54.375 ug/l

RT: 8.109 min Scan# 1052

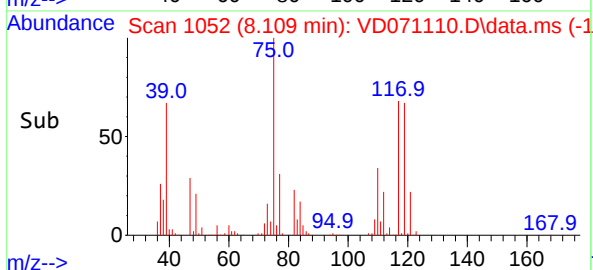
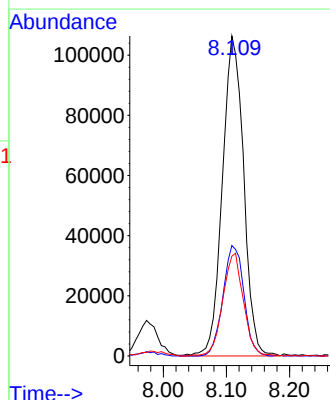
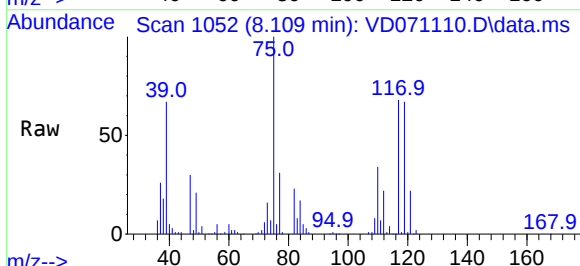
Delta R.T. -0.005 min

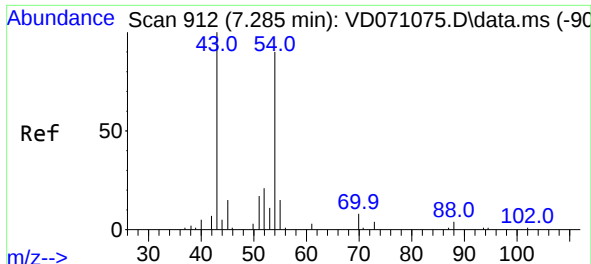
Lab File: VD071110.D

Acq: 01 Dec 2021 17:28

Tgt Ion: 75 Resp: 249230

Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.8	53.4
77	31.1	24.8	37.2





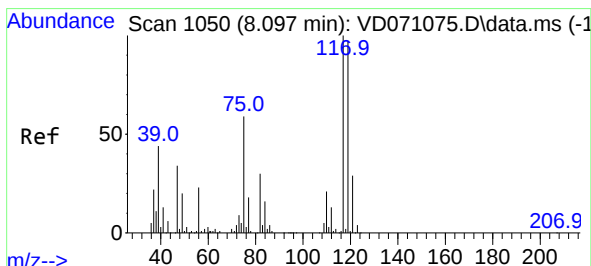
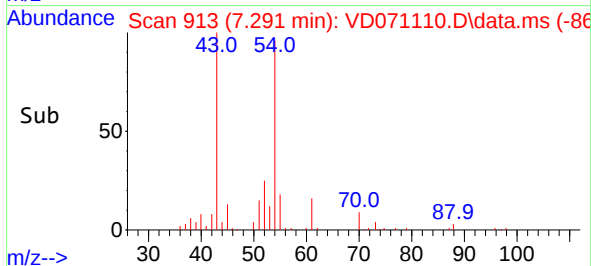
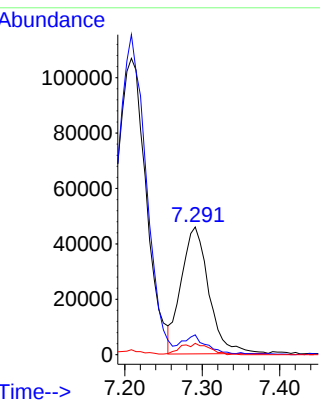
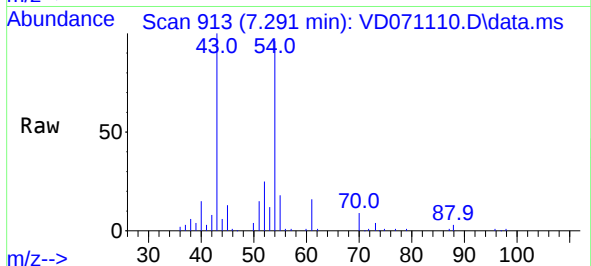
#37
Ethyl Acetate
Concen: 57.269 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 113388
Ion Ratio Lower Upper
43 100
61 11.6 13.0 19.6
70 3.6 8.7 13.1

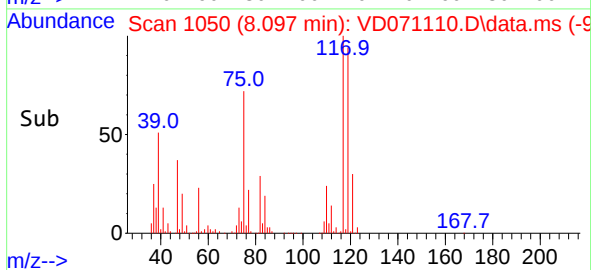
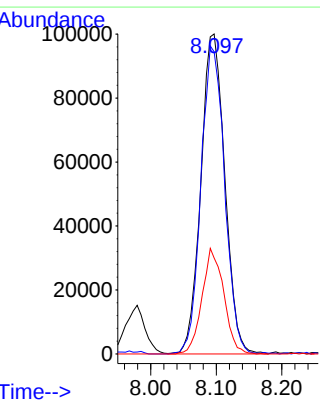
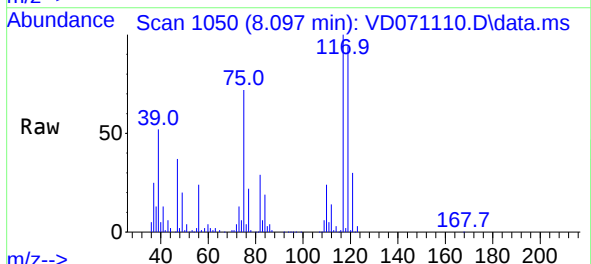
Manual Integrations
APPROVED

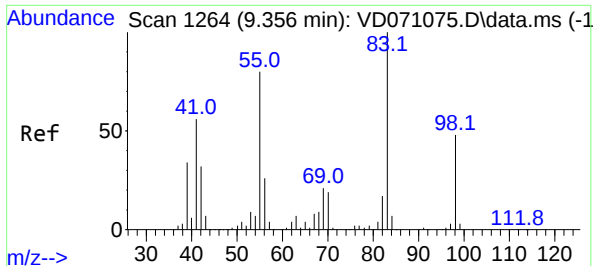
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#38
Carbon Tetrachloride
Concen: 56.113 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

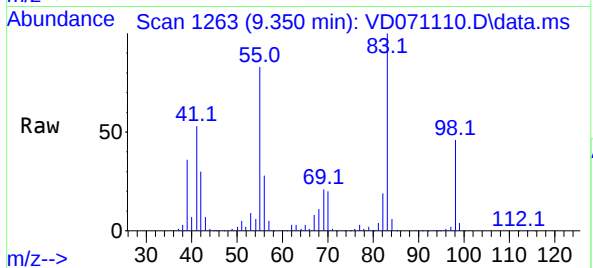
Tgt Ion:117 Resp: 253532
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
121 30.0 23.6 35.4





#39
Methylcyclohexane
Concen: 53.617 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

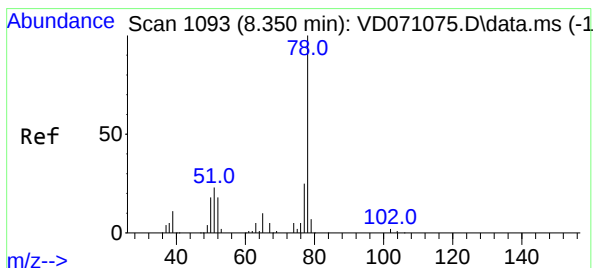
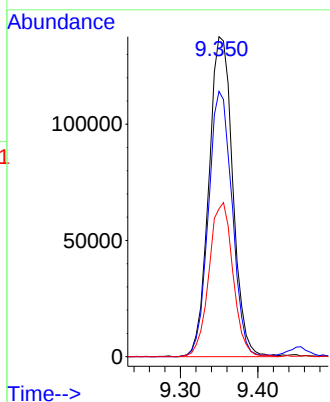
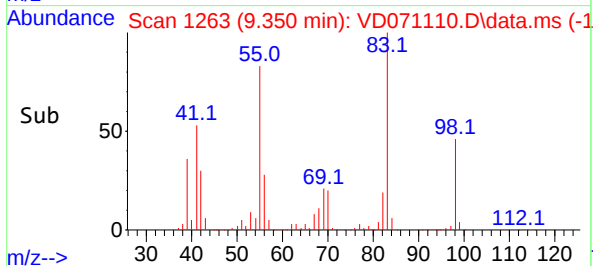
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 29559
Ion Ratio Lower Upper
83 100
55 82.9 65.8 98.8
98 46.2 38.7 58.1

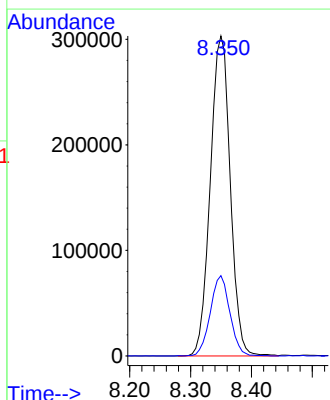
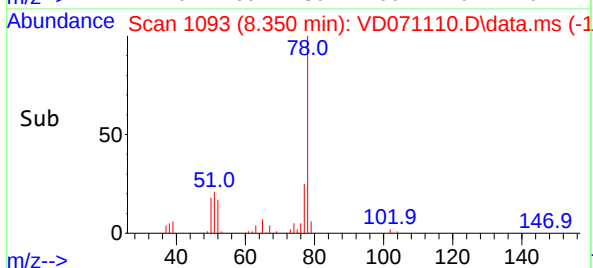
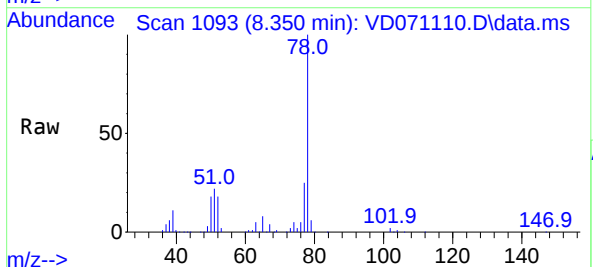
Manual Integrations
APPROVED

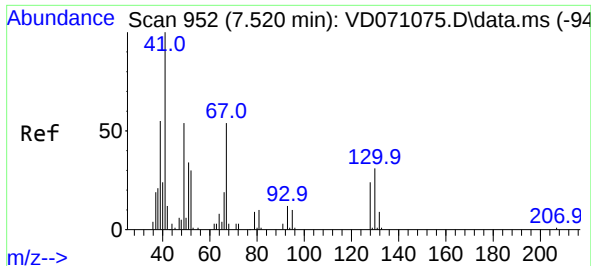
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#40
Benzene
Concen: 55.378 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

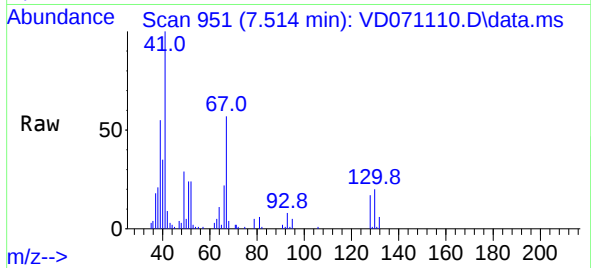
Tgt Ion: 78 Resp: 689475
Ion Ratio Lower Upper
78 100
77 25.1 19.1 28.7





#41
Methacrylonitrile
Concen: 59.421 ug/l
RT: 7.514 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

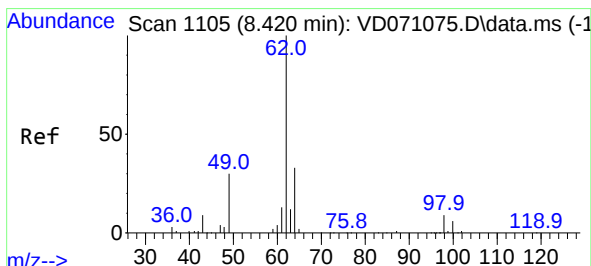
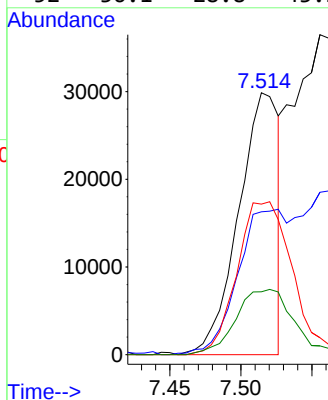
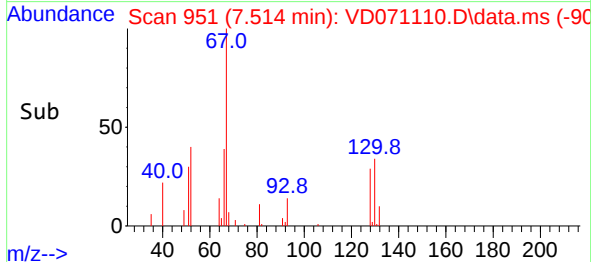
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5894
Ion Ratio Lower Upper
41 100
39 66.9 60.2 90.4
67 80.3 74.8 112.2
52 36.1 28.8 43.2

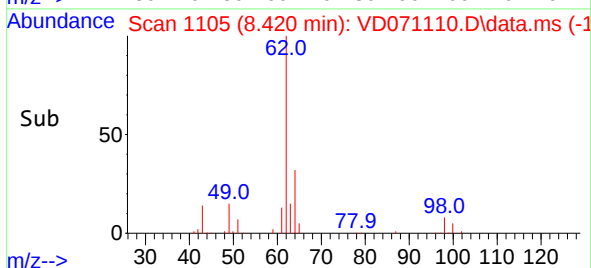
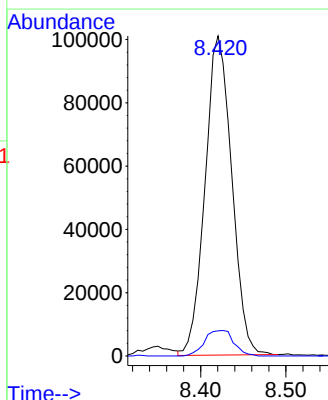
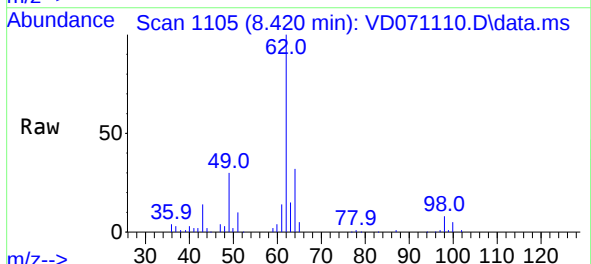
Manual Integrations
APPROVED

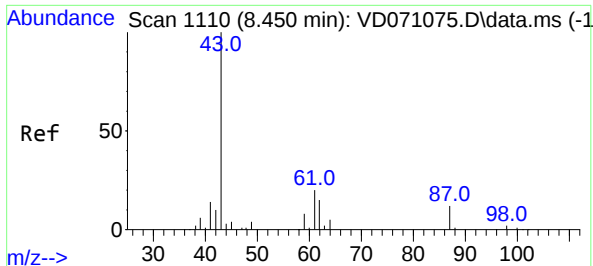
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#42
1,2-Dichloroethane
Concen: 57.693 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

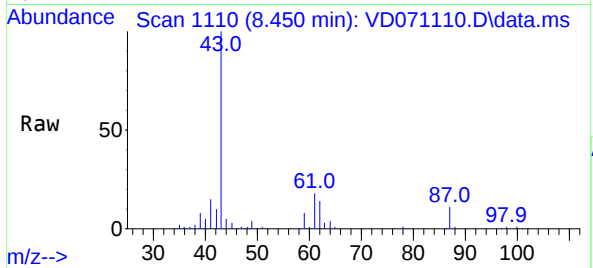
Tgt Ion: 62 Resp: 219256
Ion Ratio Lower Upper
62 100
98 8.7 0.0 21.8





#43
Isopropyl Acetate
Concen: 52.540 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

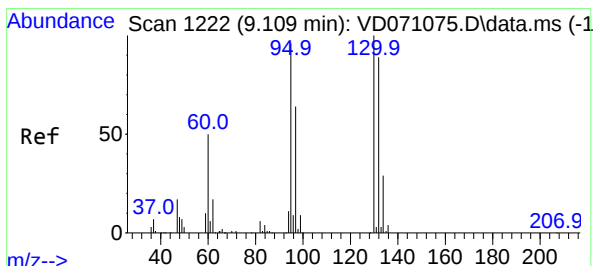
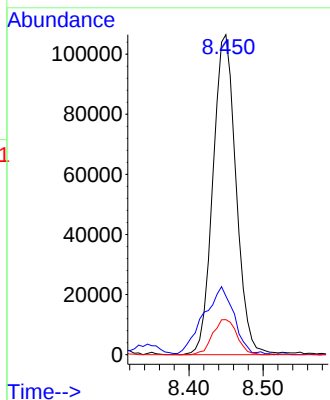
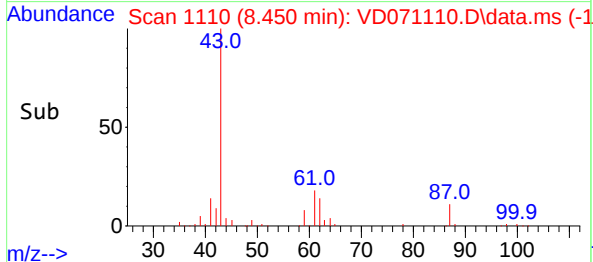
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



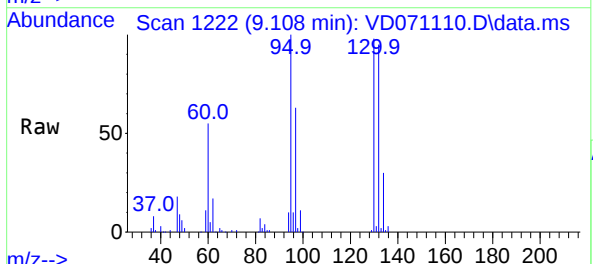
Tgt Ion: 43 Resp: 23018
Ion Ratio Lower Upper
43 100
61 28.3 28.2 42.4
87 11.5 10.7 16.1

Manual Integrations
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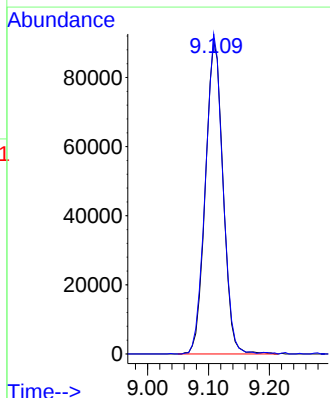
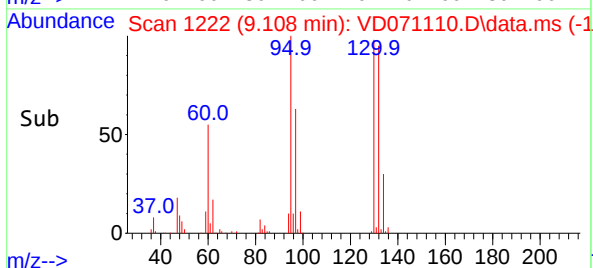
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

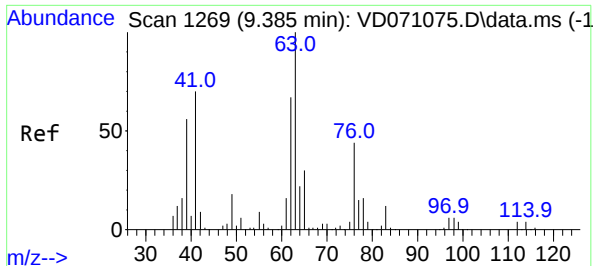


#44
Trichloroethene
Concen: 54.731 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



Tgt Ion:130 Resp: 181683
Ion Ratio Lower Upper
130 100
95 102.3 0.0 193.2





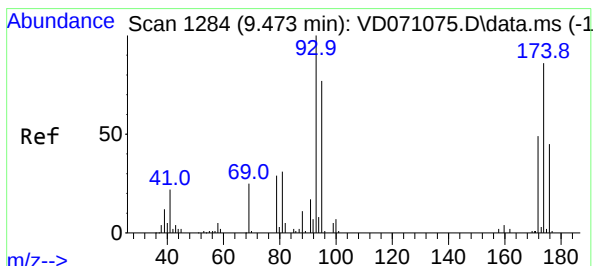
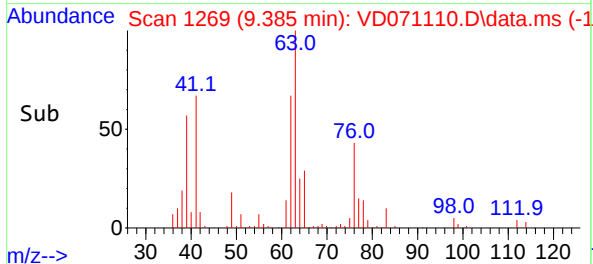
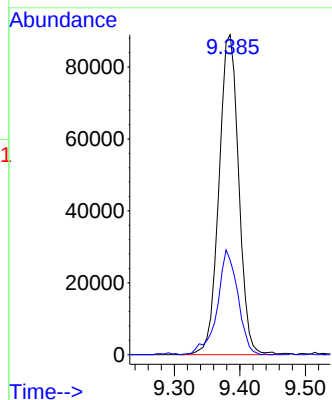
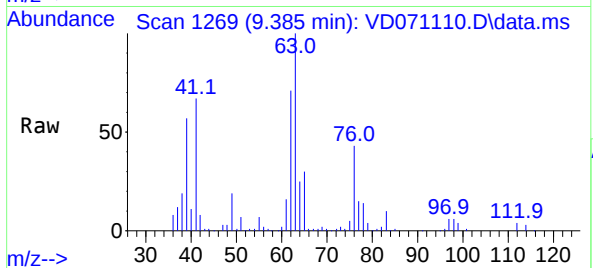
#45
1,2-Dichloropropane
Concen: 56.664 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 185530
Ion Ratio Lower Upper
63 100
65 29.5 24.2 36.2

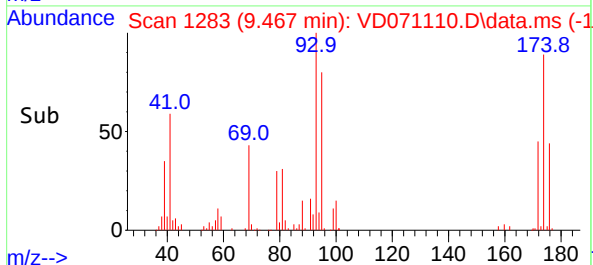
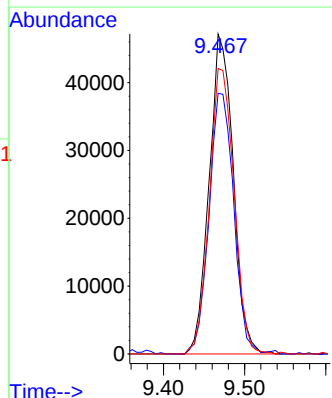
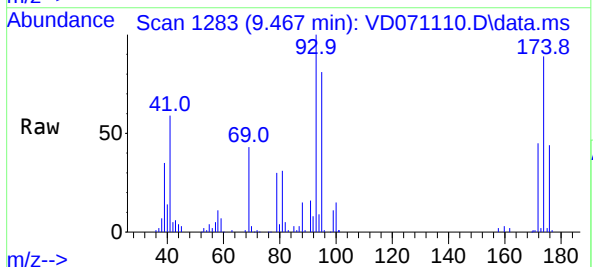
Manual Integrations
APPROVED

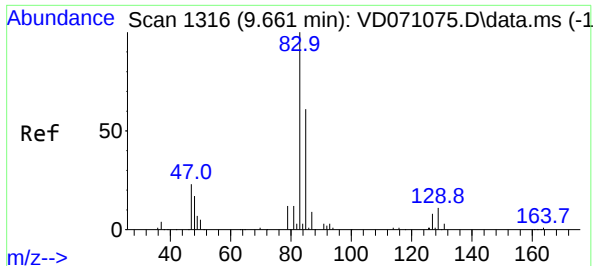
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#46
Dibromomethane
Concen: 57.088 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

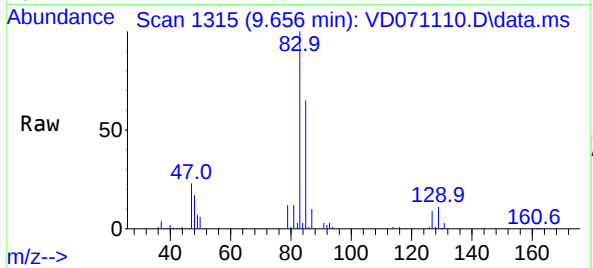
Tgt Ion: 93 Resp: 96976
Ion Ratio Lower Upper
93 100
95 83.5 66.1 99.1
174 91.6 78.6 117.8





#47
Bromodichloromethane
Concen: 57.257 ug/l
RT: 9.656 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

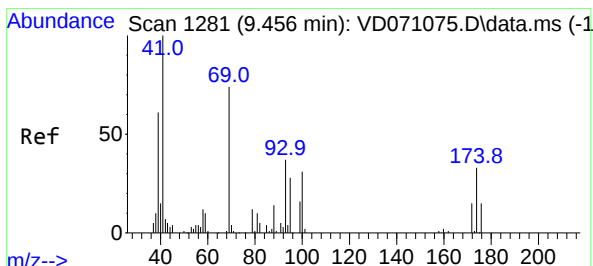
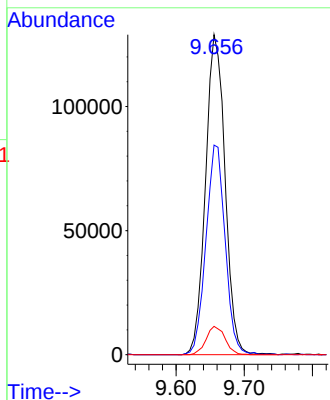
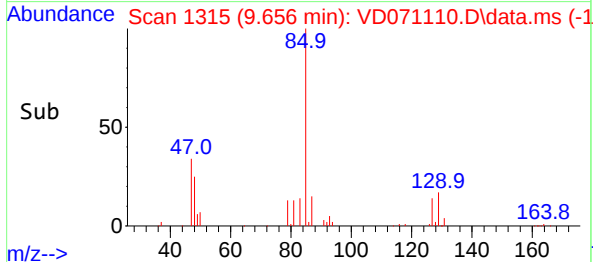
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 257225
Ion Ratio Lower Upper
83 100
85 65.5 50.0 75.0
127 8.9 7.3 10.9

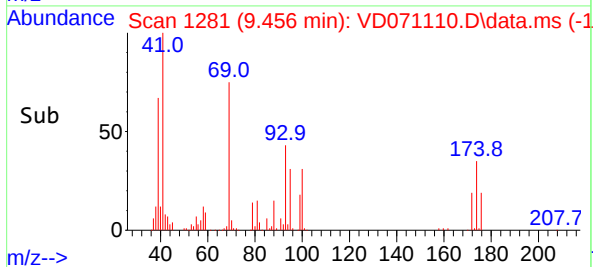
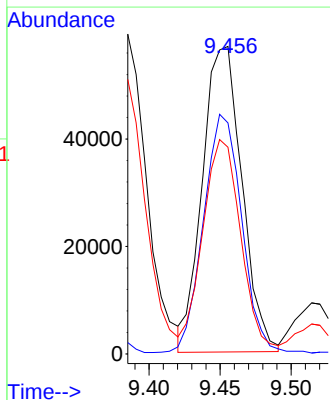
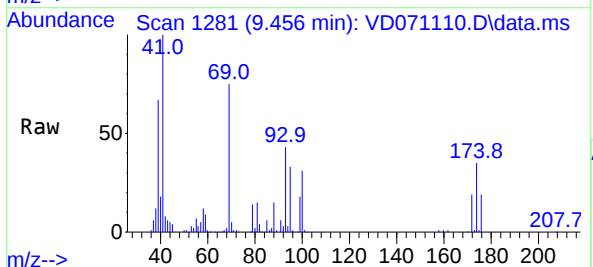
Manual Integrations
APPROVED

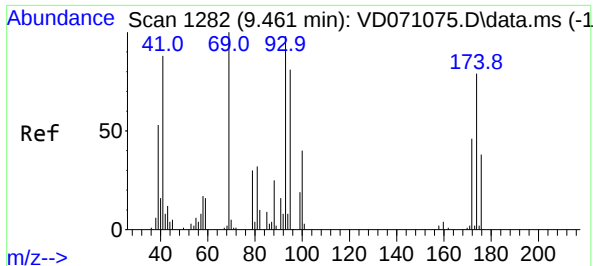
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#48
Methyl methacrylate
Concen: 56.920 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Tgt Ion: 41 Resp: 110314
Ion Ratio Lower Upper
41 100
69 77.0 69.8 104.6
39 67.9 35.6 53.4





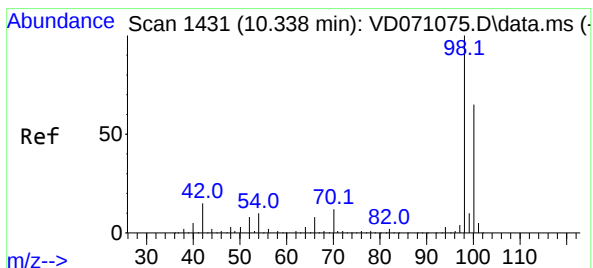
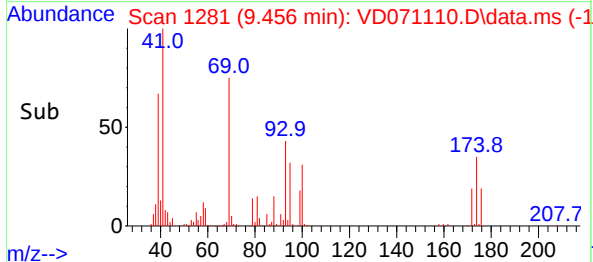
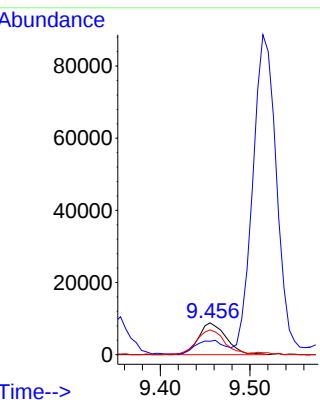
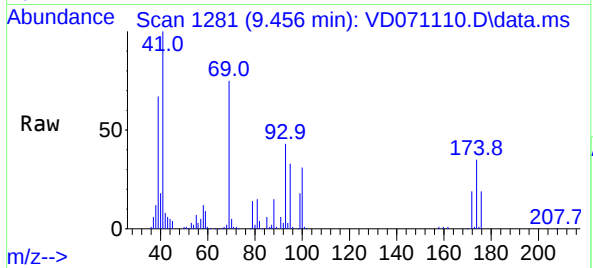
#49
1,4-Dioxane
Concen: 1149.546 ug/l
RT: 9.456 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 18850
Ion Ratio Lower Upper
88 100
43 48.4 28.9 43.3
58 80.1 56.3 84.5

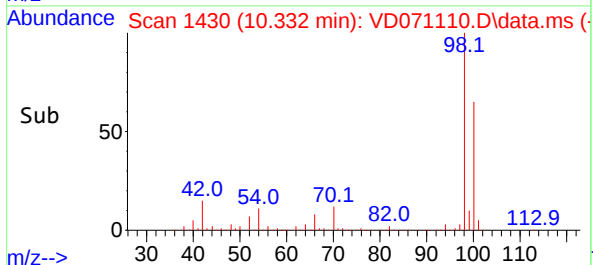
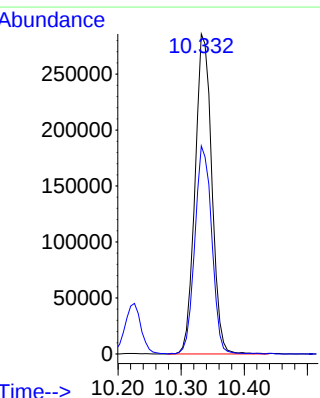
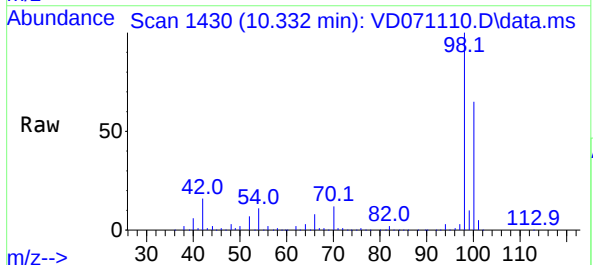
Manual Integrations
APPROVED

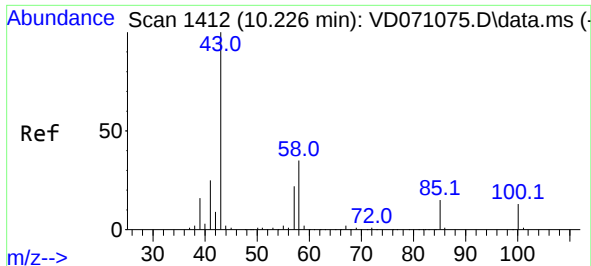
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#50
Toluene-d8
Concen: 44.274 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Tgt Ion: 98 Resp: 526165
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6





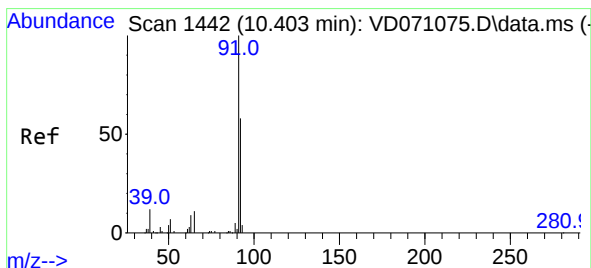
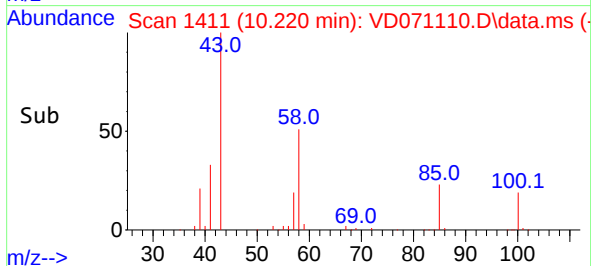
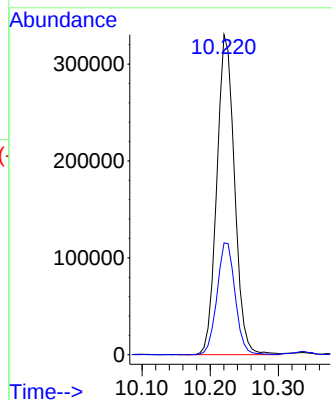
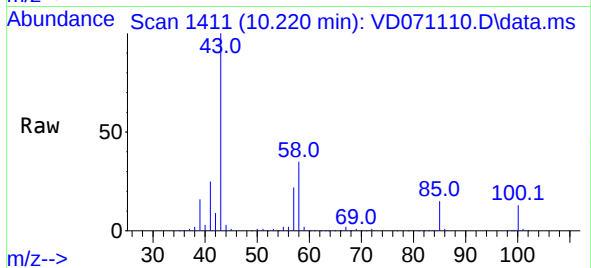
#51
4-Methyl-2-Pentanone
Concen: 265.795 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 59835
Ion Ratio Lower Upper
43 100
58 35.6 33.1 49.7

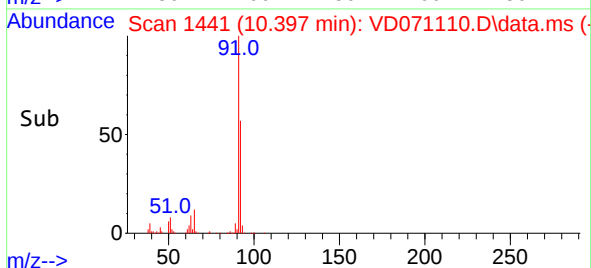
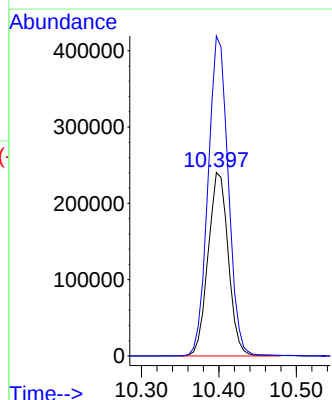
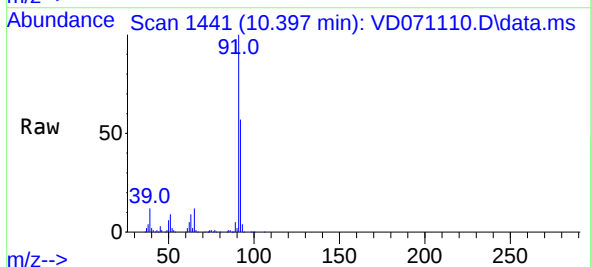
Manual Integrations
APPROVED

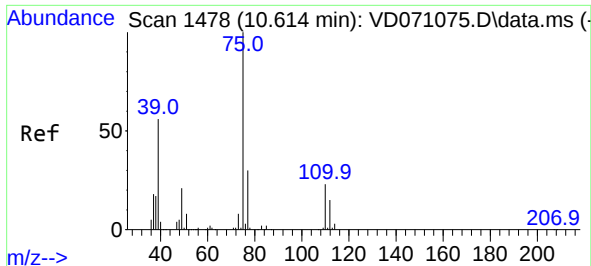
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#52
Toluene
Concen: 55.010 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

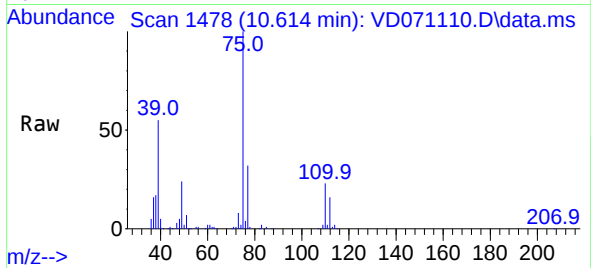
Tgt Ion: 92 Resp: 434552
Ion Ratio Lower Upper
92 100
91 174.9 140.7 211.1





#53
t-1,3-Dichloropropene
Concen: 56.426 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

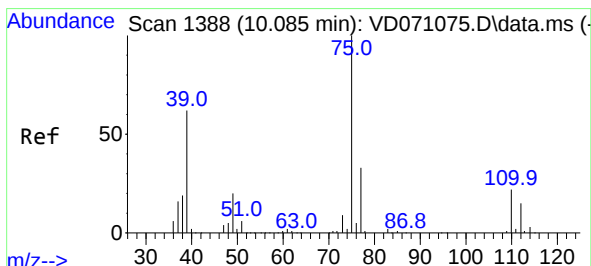
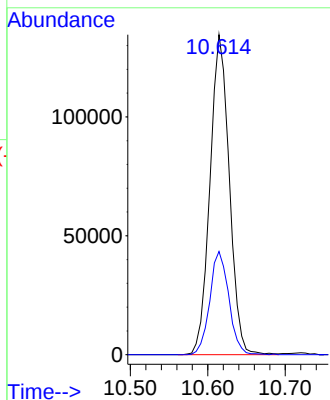
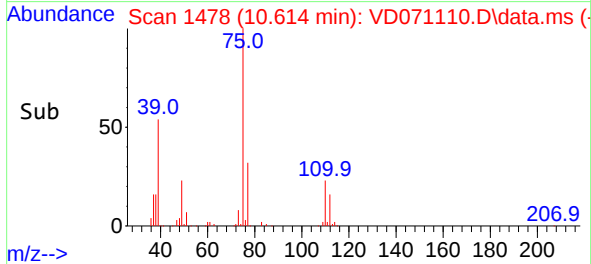
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



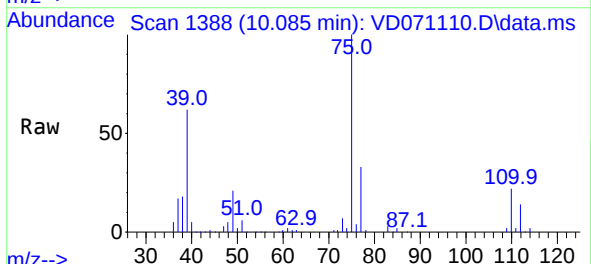
Tgt Ion: 75 Resp: 233063
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7

Manual Integrations
APPROVED

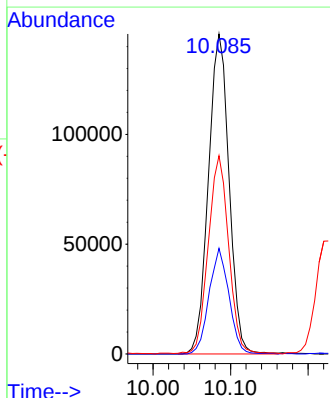
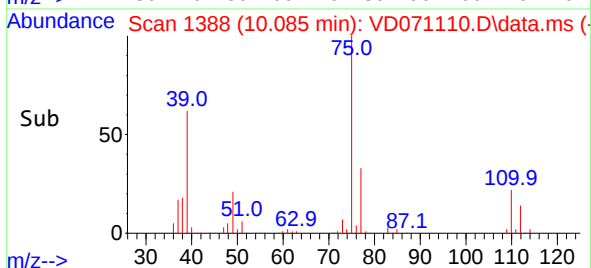
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

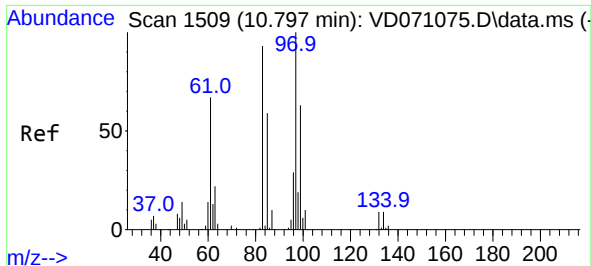


#54
cis-1,3-Dichloropropene
Concen: 54.826 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



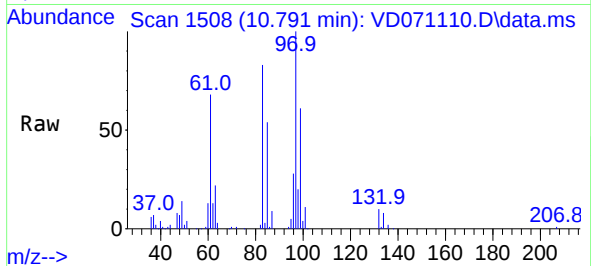
Tgt Ion: 75 Resp: 268989
Ion Ratio Lower Upper
75 100
77 33.0 25.0 37.6
39 61.7 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 58.496 ug/l
RT: 10.791 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

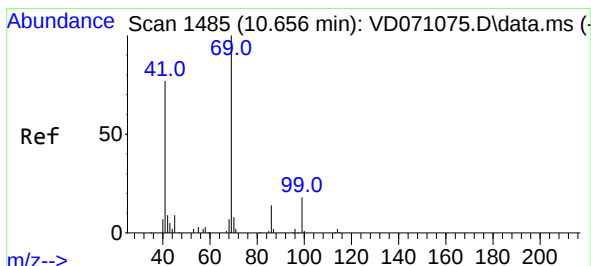
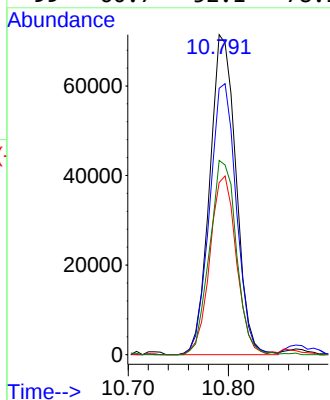
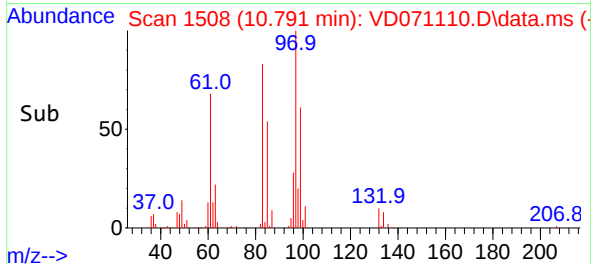
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



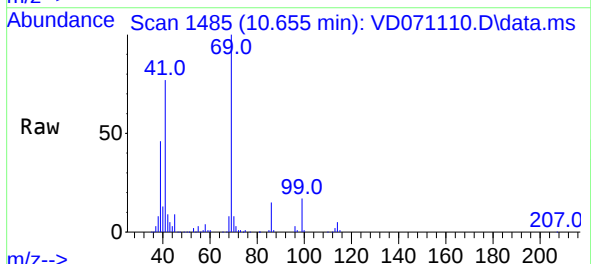
Tgt Ion: 97 Resp: 130350
Ion Ratio Lower Upper
97 100
83 83.3 65.2 97.8
85 53.8 43.4 65.0
99 60.7 52.1 78.1

Manual Integrations
APPROVED

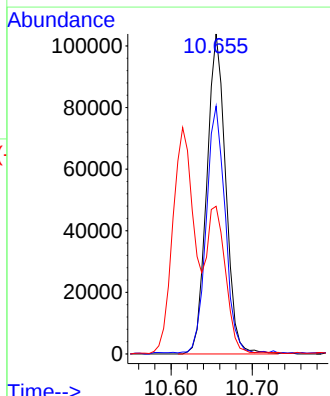
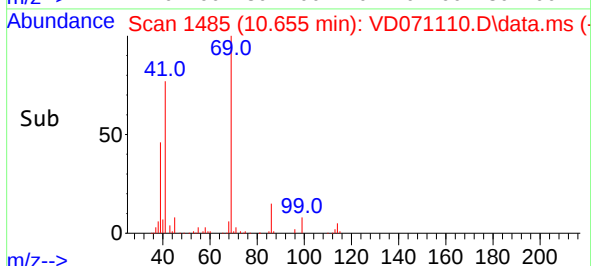
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

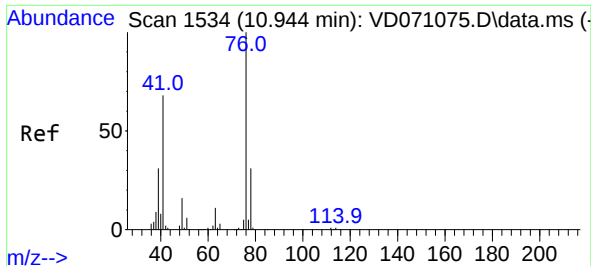


#56
Ethyl methacrylate
Concen: 52.011 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



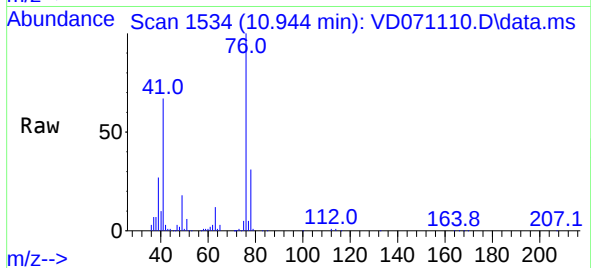
Tgt Ion: 69 Resp: 167733
Ion Ratio Lower Upper
69 100
41 76.6 50.2 75.2#
39 44.5 19.8 29.8#





#57
1,3-Dichloropropane
Concen: 59.268 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

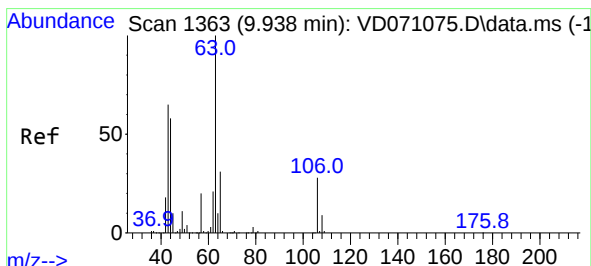
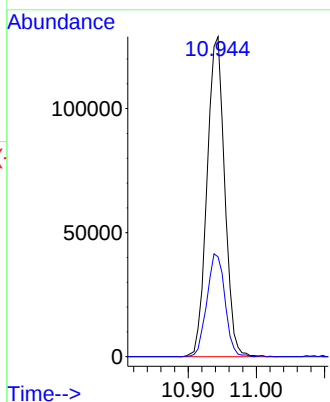
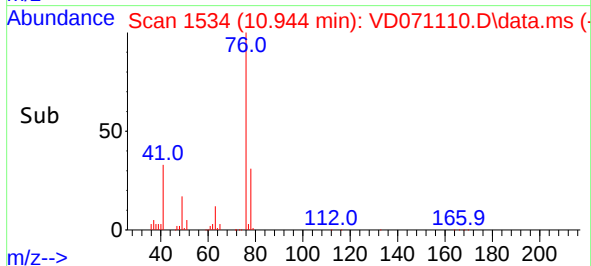
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



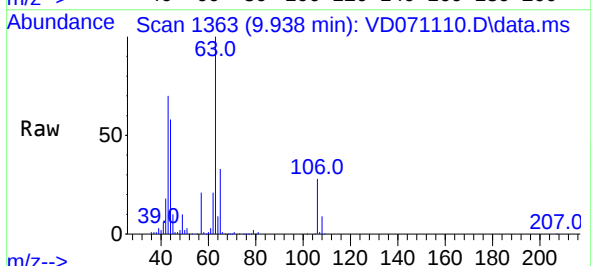
Tgt Ion: 76 Resp: 232019
Ion Ratio Lower Upper
76 100
78 33.0 25.8 38.6

Manual Integrations
APPROVED

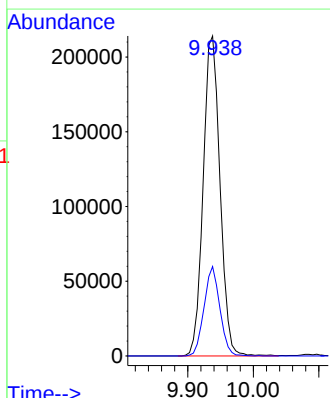
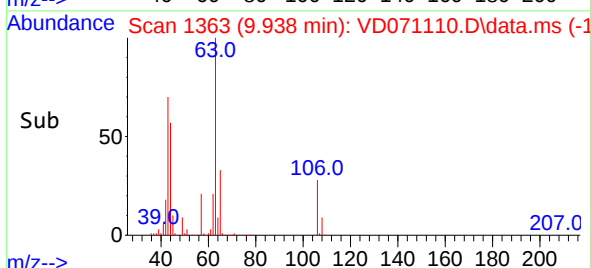
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

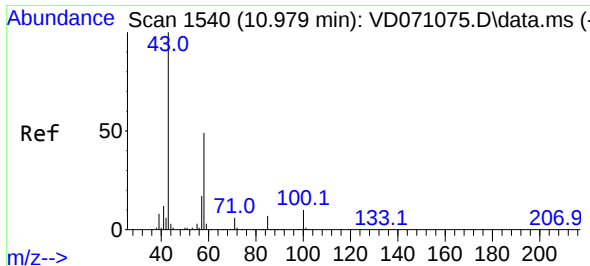


#58
2-Chloroethyl Vinyl ether
Concen: 251.963 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



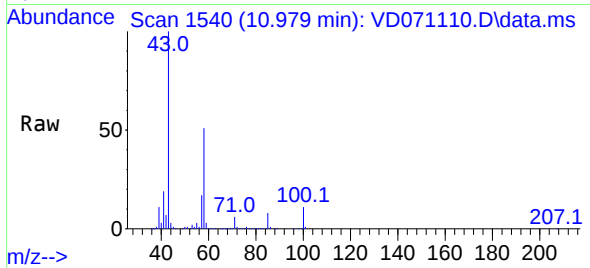
Tgt Ion: 63 Resp: 382082
Ion Ratio Lower Upper
63 100
106 26.3 21.0 31.4





#59
2-Hexanone
Concen: 259.555 ug/l
RT: 10.979 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

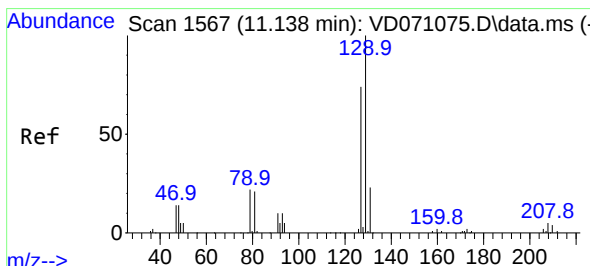
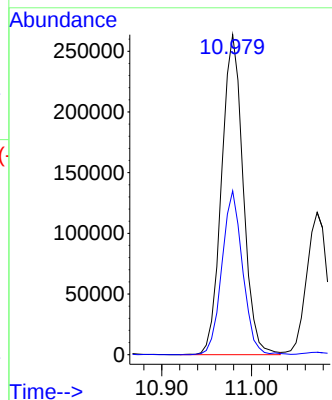
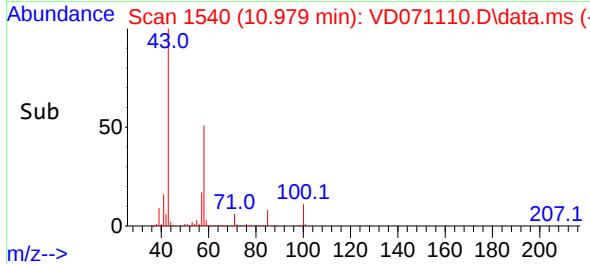
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 439220
Ion Ratio Lower Upper
43 100
58 49.2 28.7 86.1

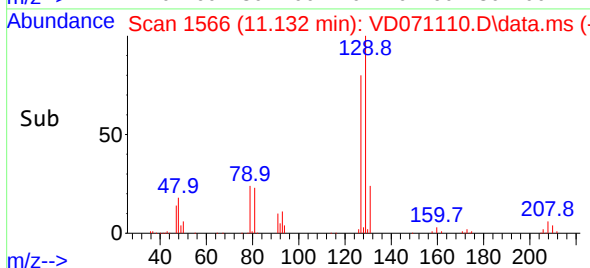
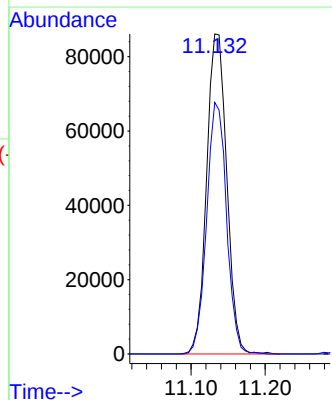
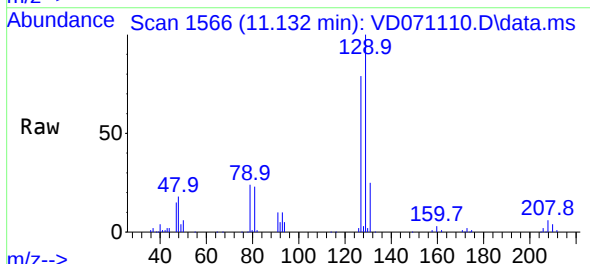
Manual Integrations
APPROVED

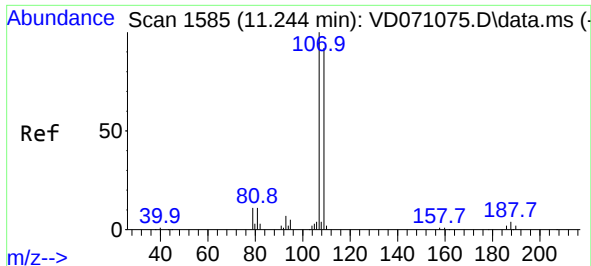
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#60
Dibromochloromethane
Concen: 58.679 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

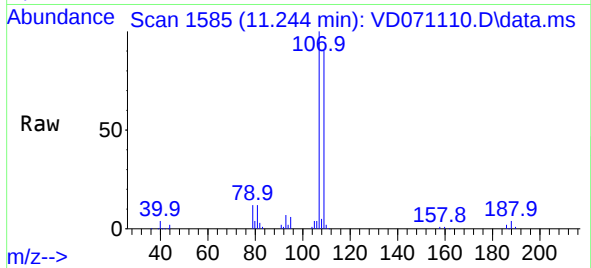
Tgt Ion:129 Resp: 162520
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





#61
1,2-Dibromoethane
Concen: 57.863 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

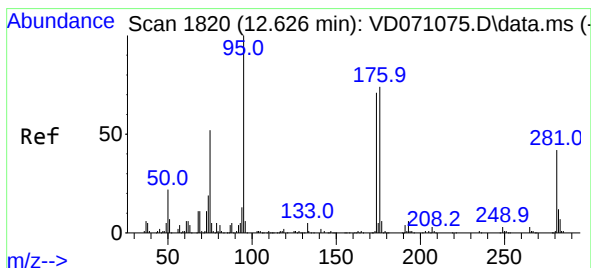
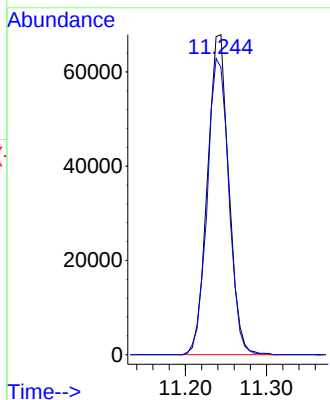
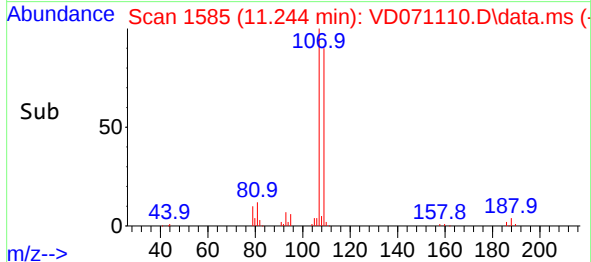
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



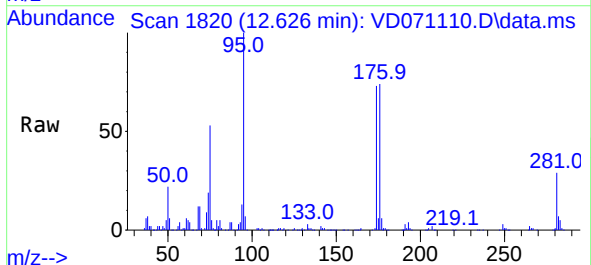
Tgt Ion:107 Resp: 123840
Ion Ratio Lower Upper
107 100
109 93.8 74.6 112.0

Manual Integrations
APPROVED

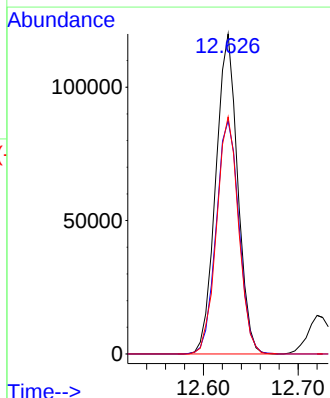
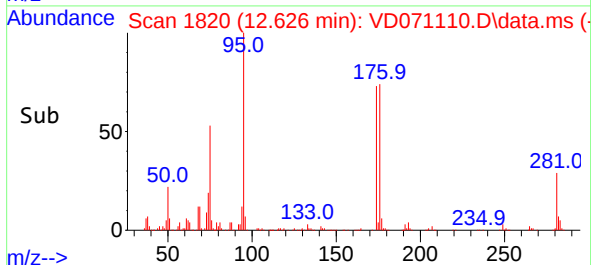
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

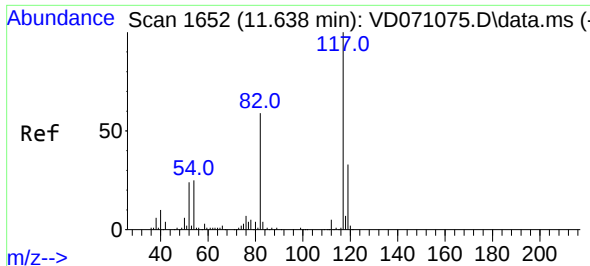


#62
4-Bromofluorobenzene
Concen: 46.762 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



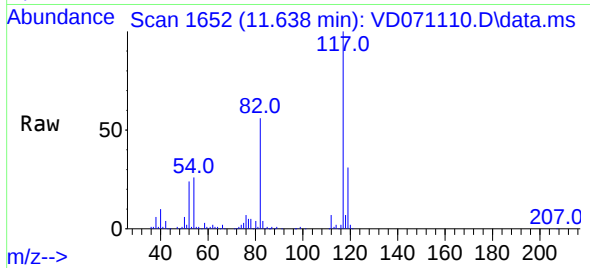
Tgt Ion: 95 Resp: 192639
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.4
176 74.5 0.0 154.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

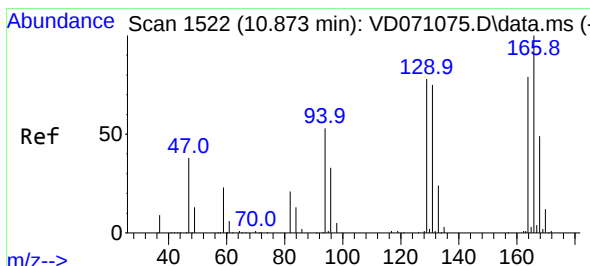
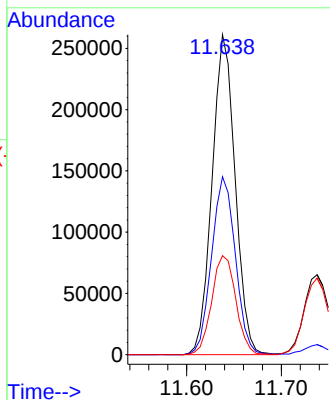
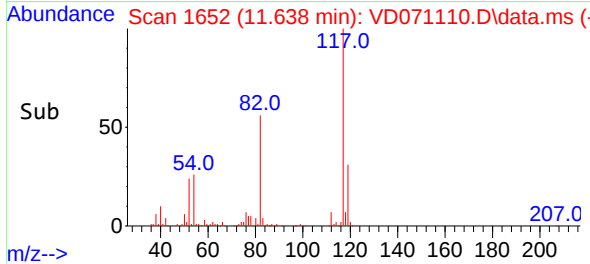
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



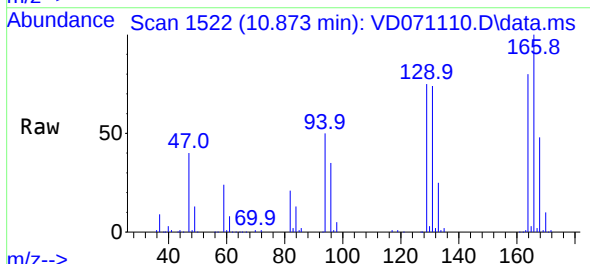
Tgt Ion:117 Resp: 44196
Ion Ratio Lower Upper
117 100
82 55.6 44.7 67.1
119 30.9 26.2 39.4

Manual Integrations
APPROVED

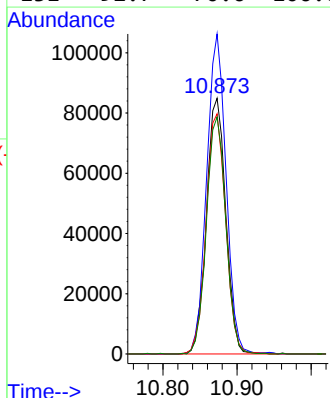
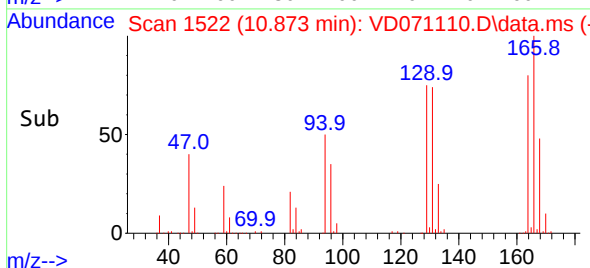
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

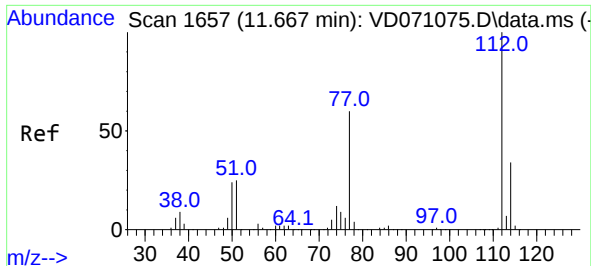


#64
Tetrachloroethene
Concen: 55.208 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



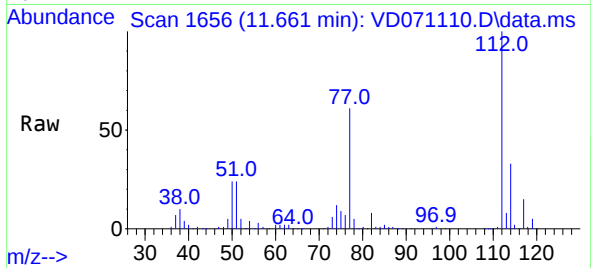
Tgt Ion:164 Resp: 154902
Ion Ratio Lower Upper
164 100
166 125.2 102.6 153.8
129 93.9 75.4 113.0
131 92.7 70.6 106.0





#65
Chlorobenzene
Concen: 55.614 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

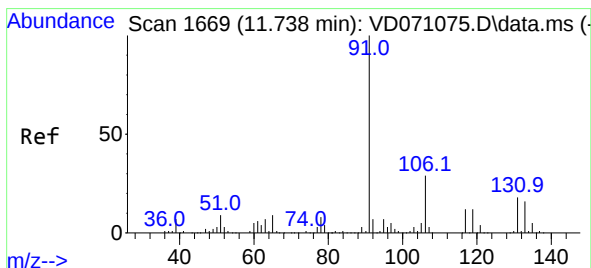
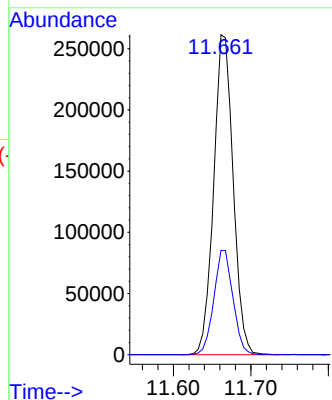
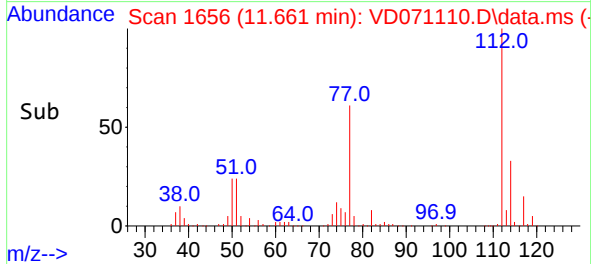
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



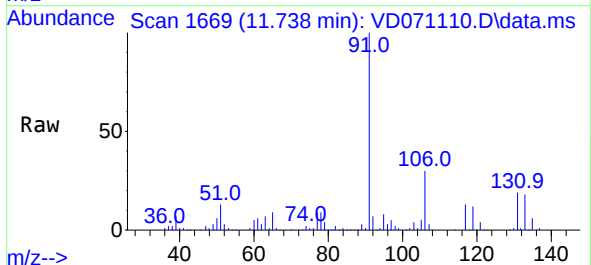
Tgt Ion:112 Resp: 456050
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0

Manual Integrations
APPROVED

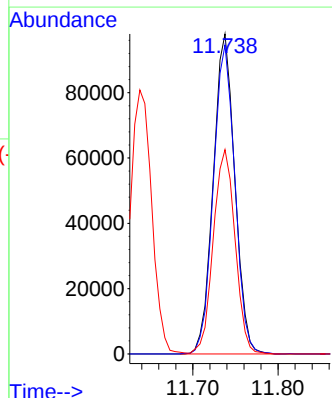
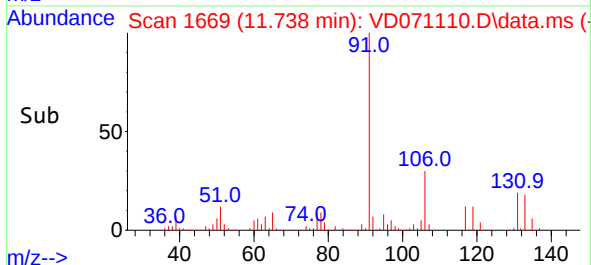
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

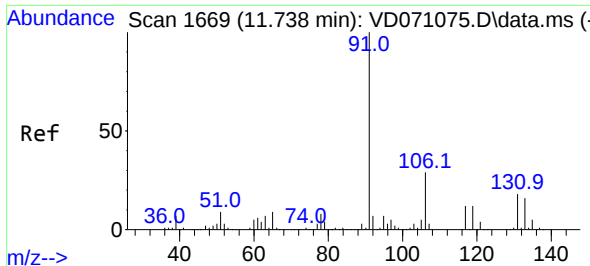


#66
1,1,1,2-Tetrachloroethane
Concen: 57.479 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



Tgt Ion:131 Resp: 172098
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.0
119 64.5 33.5 100.4





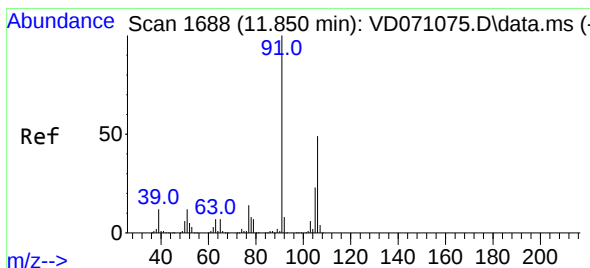
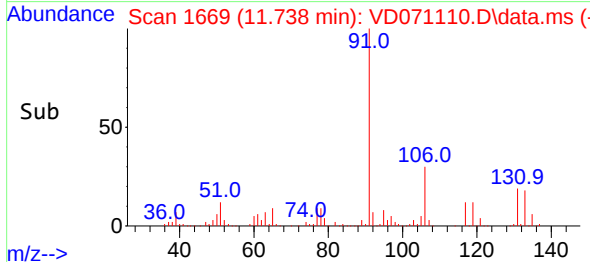
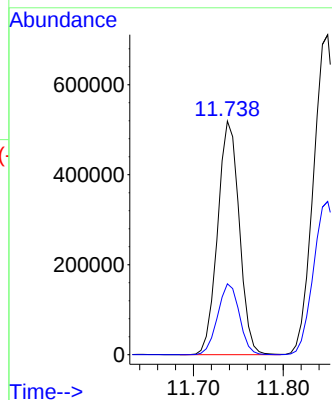
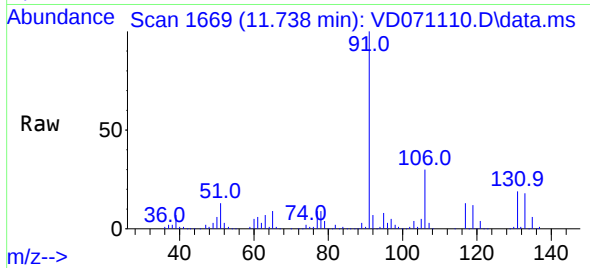
#67
Ethyl Benzene
Concen: 56.197 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 86753
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8

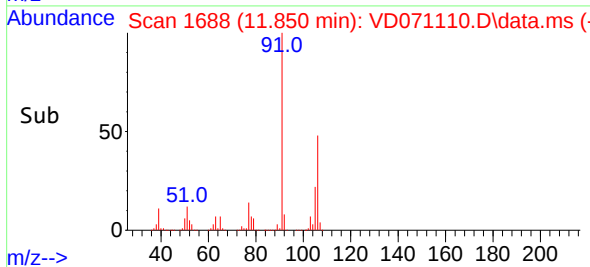
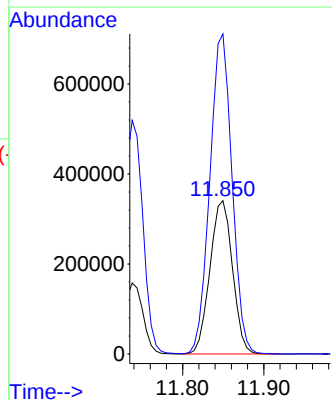
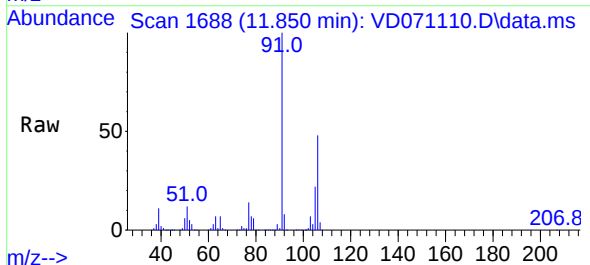
Manual Integrations
APPROVED

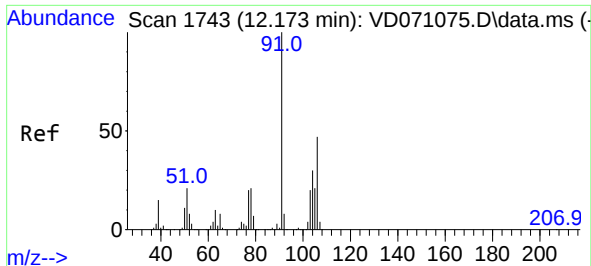
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#68
m/p-Xylenes
Concen: 112.933 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

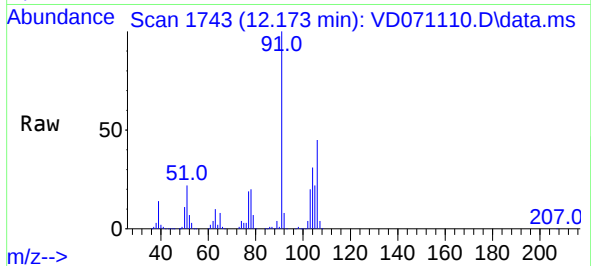
Tgt Ion:106 Resp: 658179
Ion Ratio Lower Upper
106 100
91 204.9 160.1 240.1





#69
o-Xylene
Concen: 55.793 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

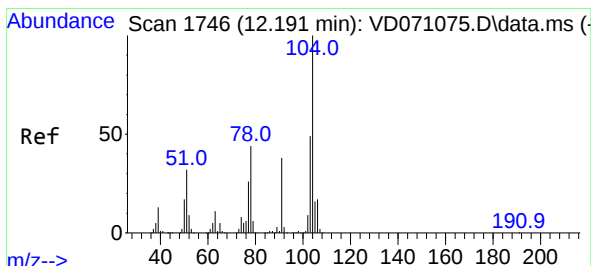
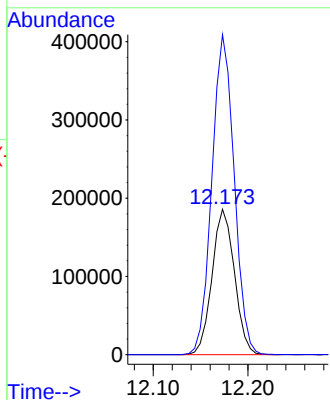
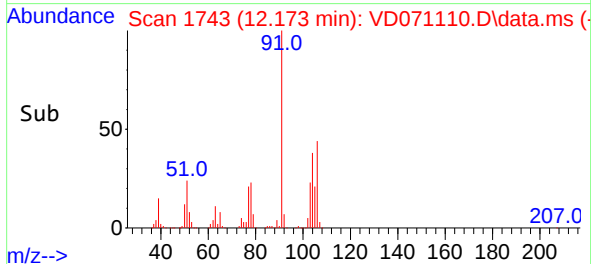
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



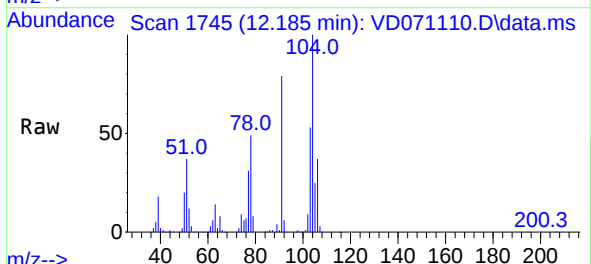
Tgt Ion:106 Resp: 305610
Ion Ratio Lower Upper
106 100
91 219.2 106.3 319.0

Manual Integrations
APPROVED

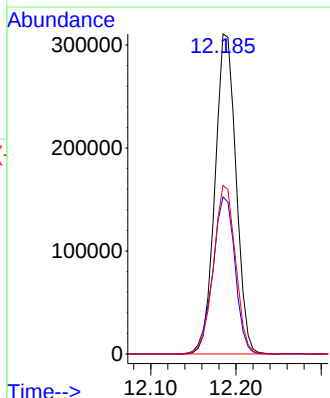
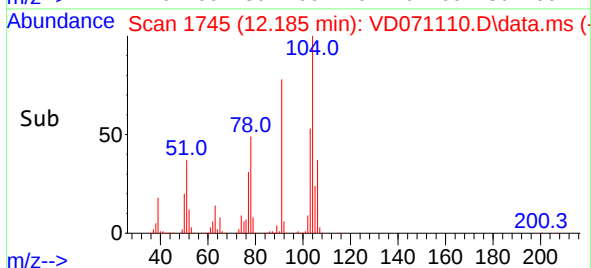
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

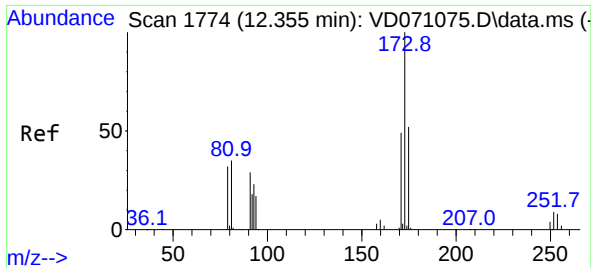


#70
Styrene
Concen: 57.732 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



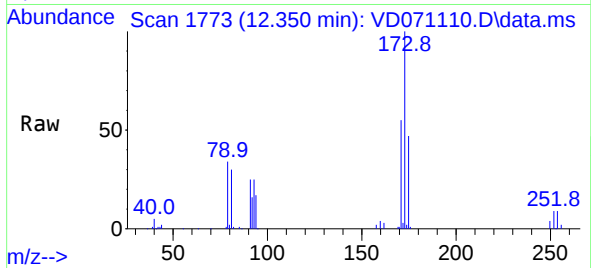
Tgt Ion:104 Resp: 532973
Ion Ratio Lower Upper
104 100
78 52.2 39.4 59.0
103 55.3 43.4 65.0





#71
Bromoform
Concen: 60.012 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

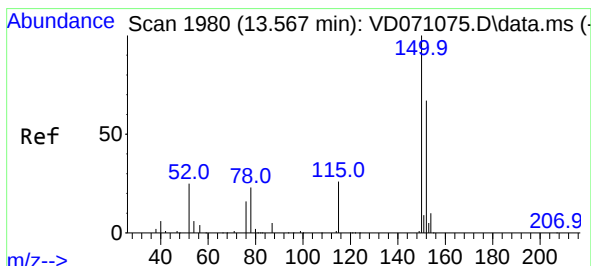
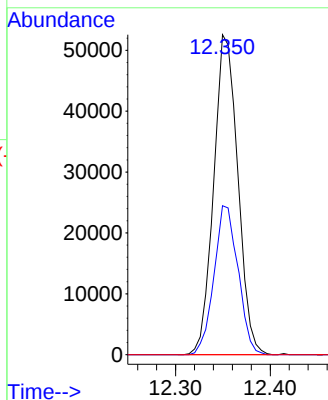
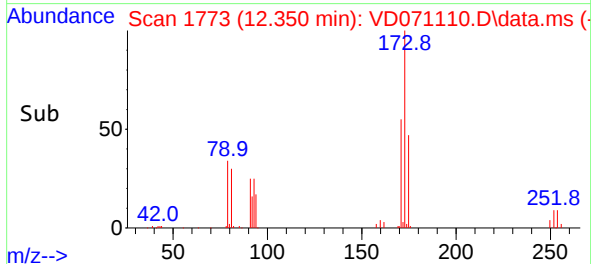
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



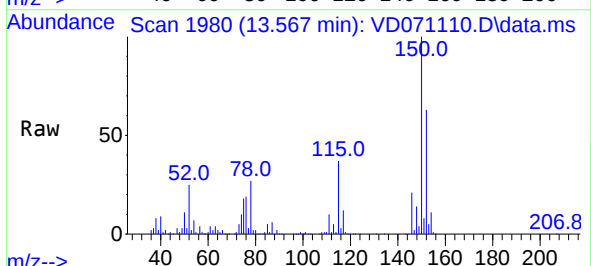
Tgt Ion:173 Resp: 93085
Ion Ratio Lower Upper
173 100
175 46.4 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

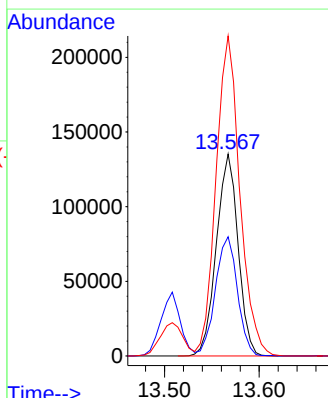
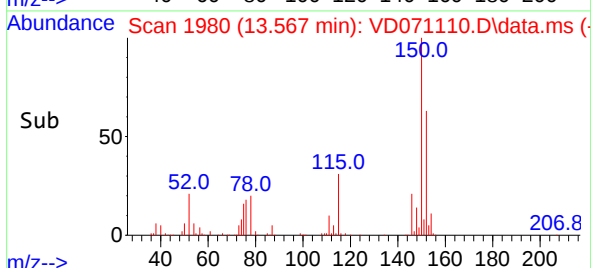
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

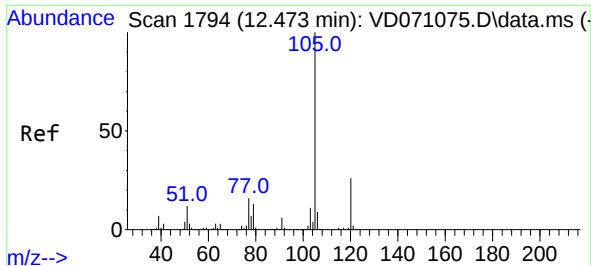


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



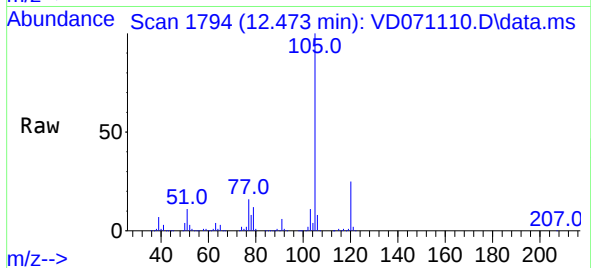
Tgt Ion:152 Resp: 215407
Ion Ratio Lower Upper
152 100
115 60.2 29.8 89.3
150 174.3 0.0 349.2





#73
Isopropylbenzene
Concen: 54.358 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

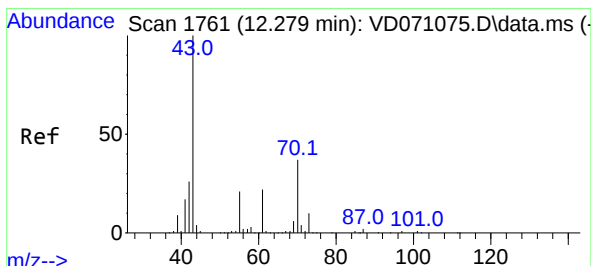
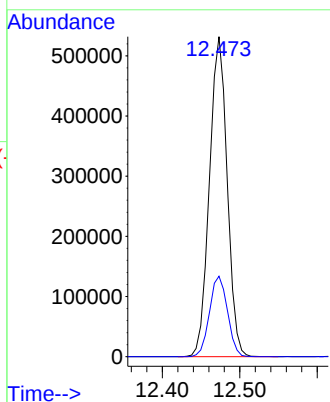
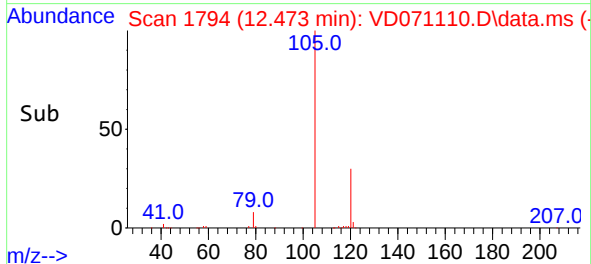
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



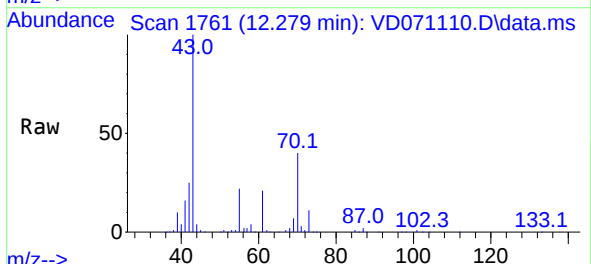
Tgt Ion:105 Resp: 847829
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5

Manual Integrations
APPROVED

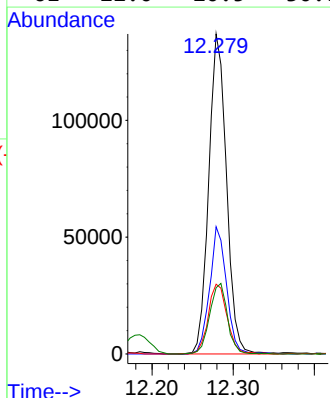
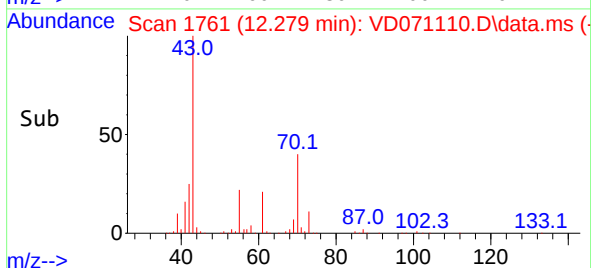
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

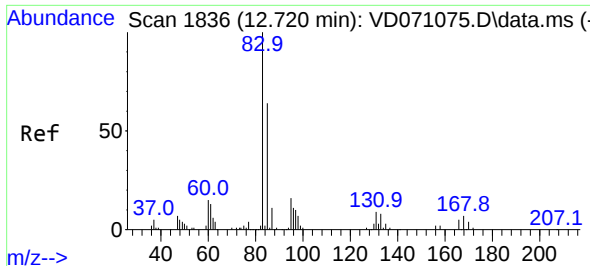


#74
N-ethyl acetate
Concen: 48.836 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



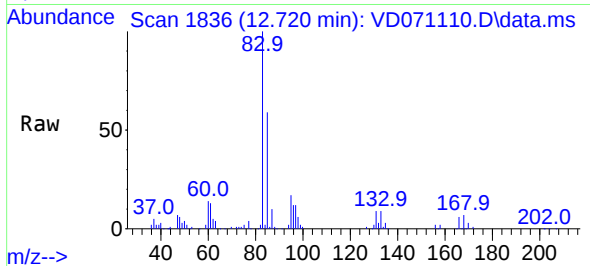
Tgt Ion: 43 Resp: 207903
Ion Ratio Lower Upper
43 100
70 38.0 36.6 55.0
55 23.2 22.5 33.7
61 22.0 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 57.393 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

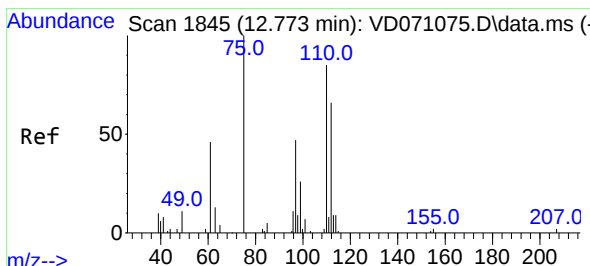
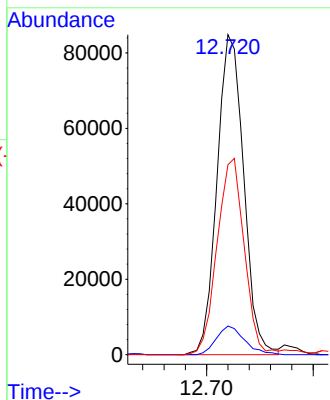
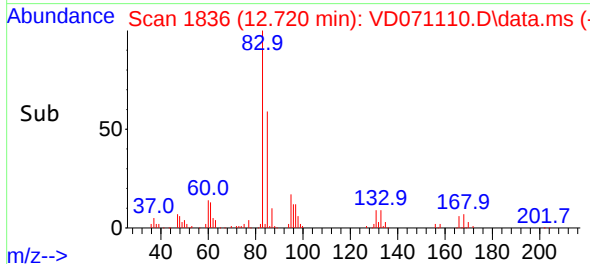
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



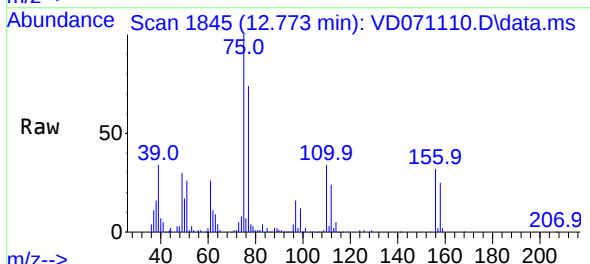
Tgt Ion: 83 Resp: 147410
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.7
85 62.4 32.0 96.2

Manual Integrations
APPROVED

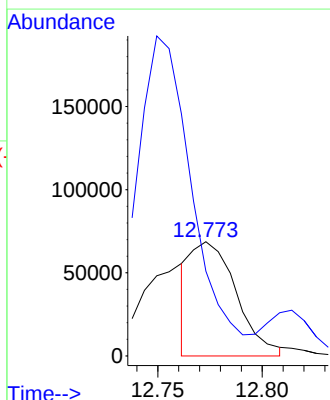
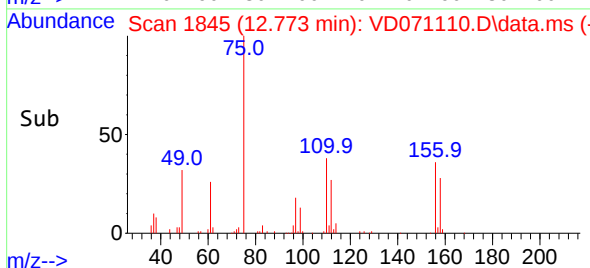
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

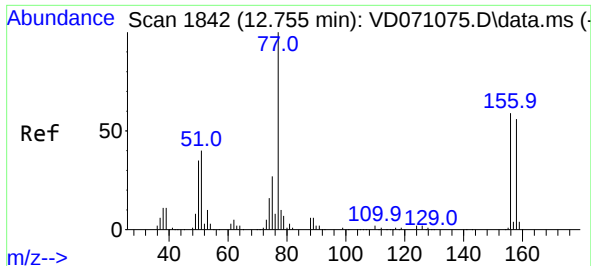


#76
1,2,3-Trichloropropane
Concen: 51.147 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



Tgt Ion: 75 Resp: 104969
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#





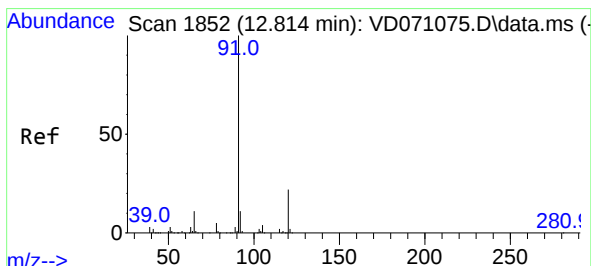
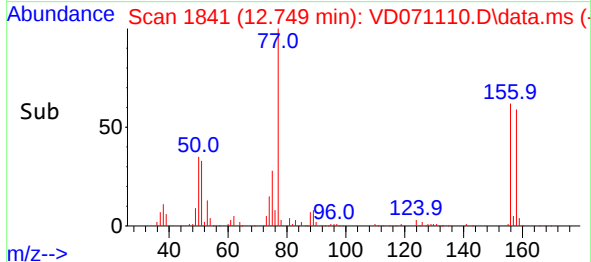
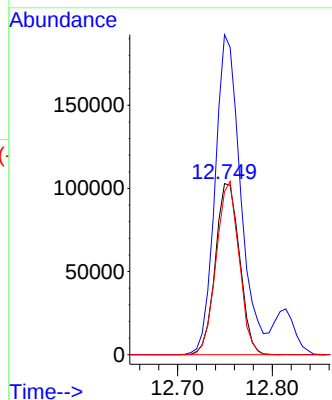
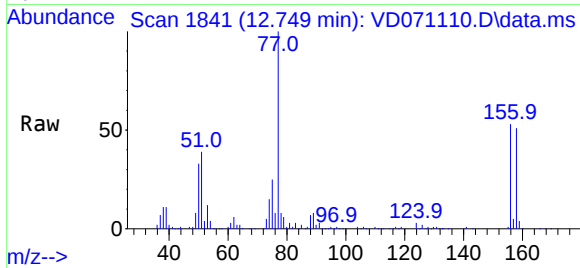
#77
Bromobenzene
Concen: 54.151 ug/l
RT: 12.749 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 18294
Ion Ratio Lower Upper
156 100
77 196.5 96.6 289.8
158 95.5 49.1 147.4

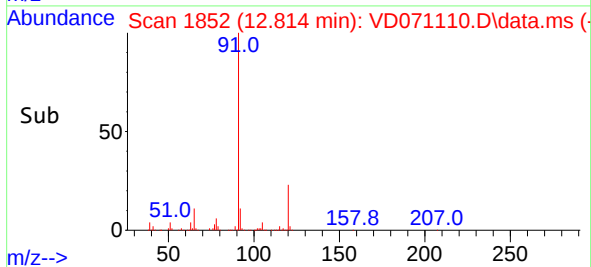
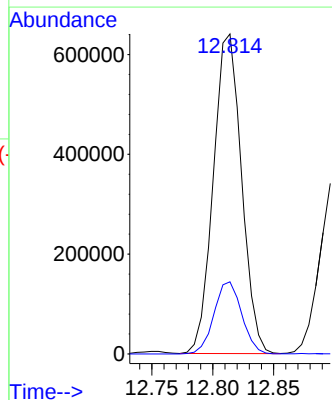
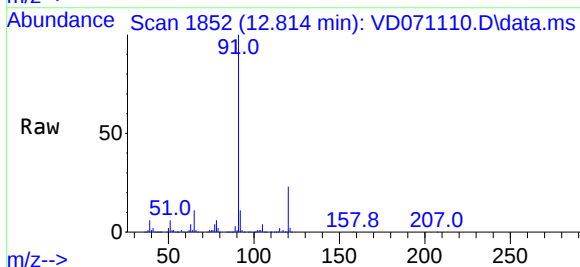
Manual Integrations
APPROVED

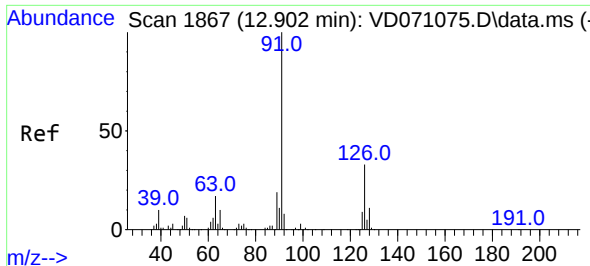
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#78
n-propylbenzene
Concen: 53.126 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Tgt Ion: 91 Resp: 1031919
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





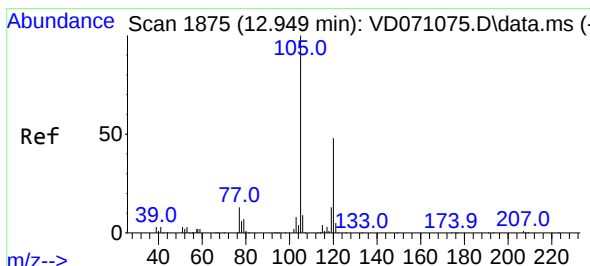
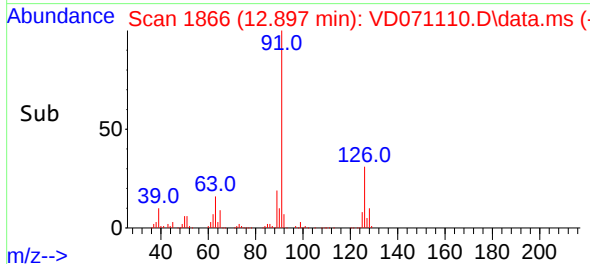
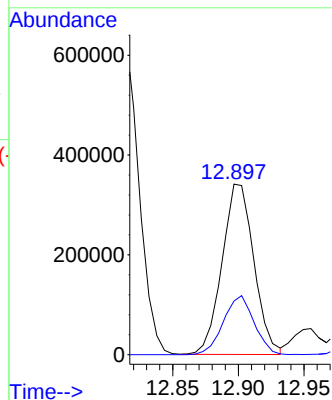
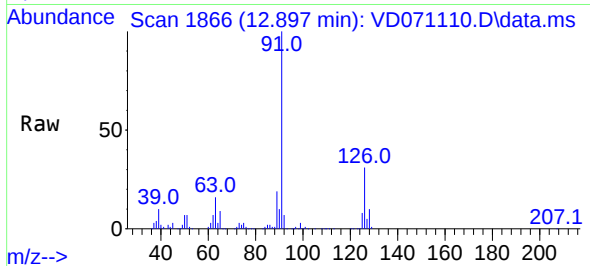
#79
2-Chlorotoluene
Concen: 52.981 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. -0.005 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 57758
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.7

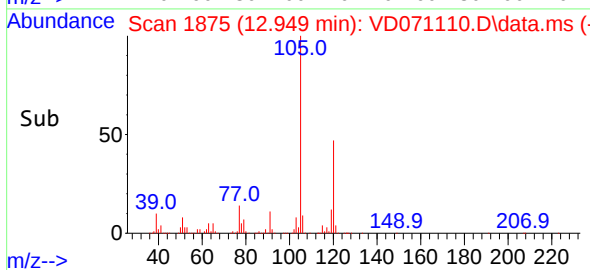
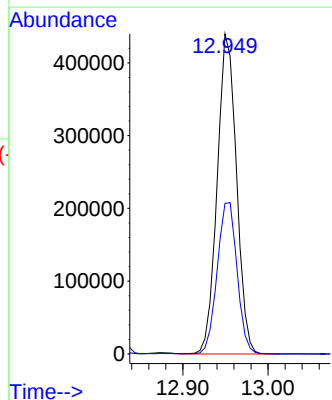
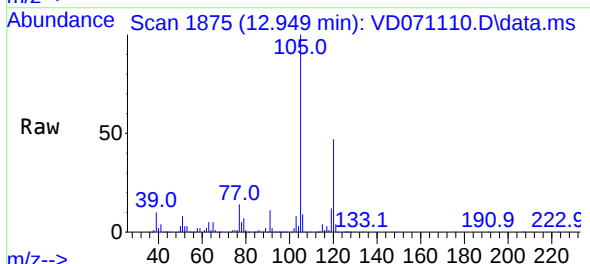
Manual Integrations
APPROVED

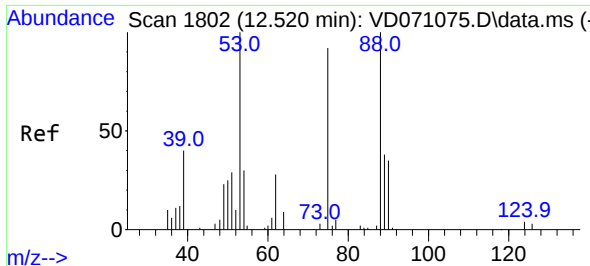
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#80
1,3,5-Trimethylbenzene
Concen: 53.843 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

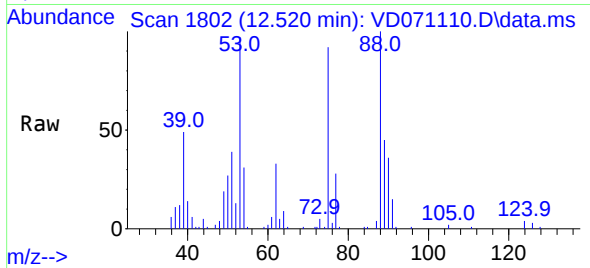
Tgt Ion:105 Resp: 692518
Ion Ratio Lower Upper
105 100
120 48.7 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.961 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

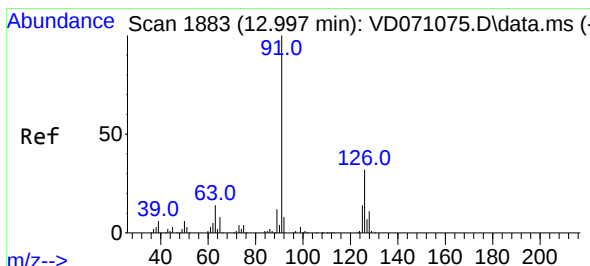
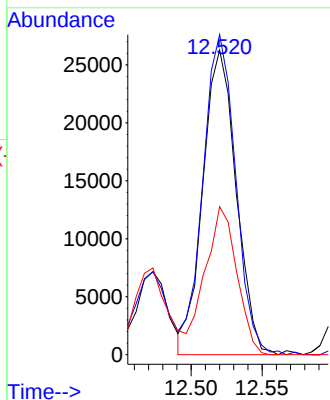
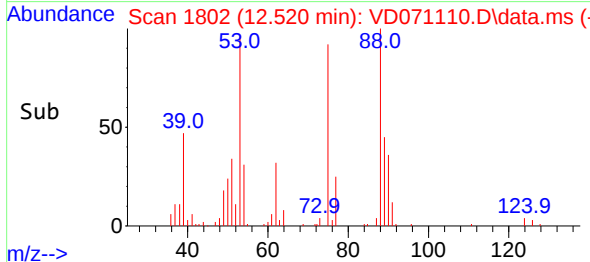
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



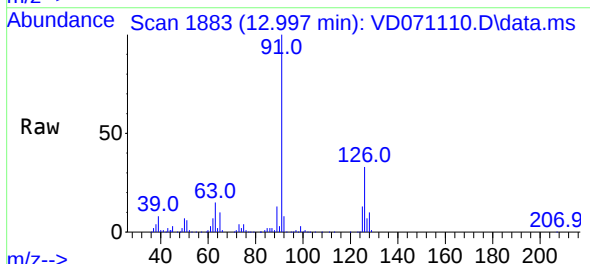
Tgt Ion: 75 Resp: 4284
Ion Ratio Lower Upper
75 100
53 103.3 62.6 94.0
89 45.9 34.5 51.7

Manual Integrations
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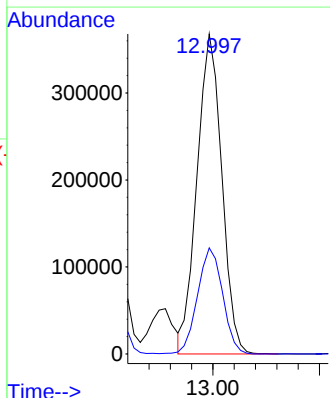
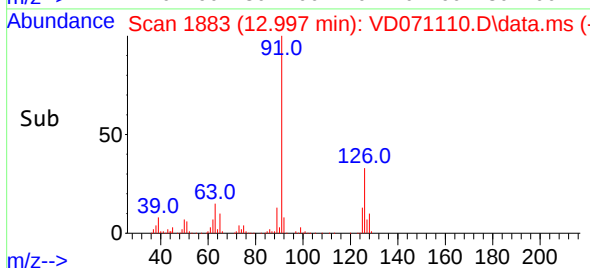
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

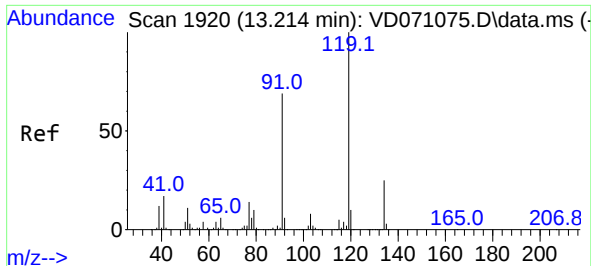


#82
4-Chlorotoluene
Concen: 52.618 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



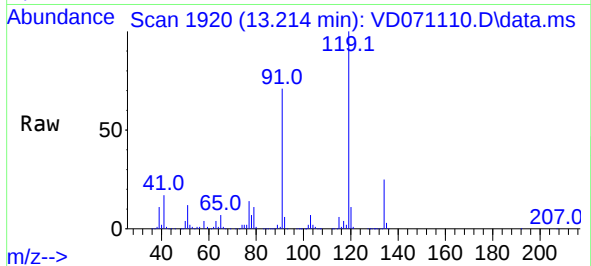
Tgt Ion: 91 Resp: 595520
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.1





#83
tert-Butylbenzene
Concen: 53.428 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

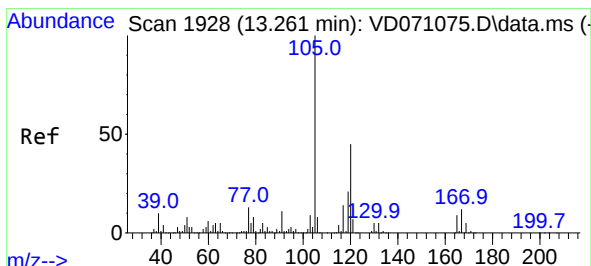
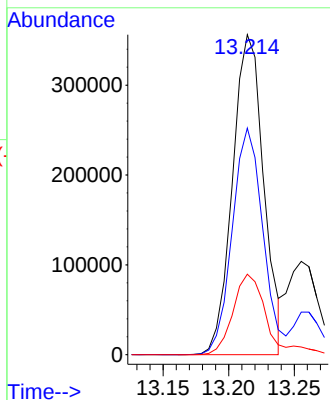
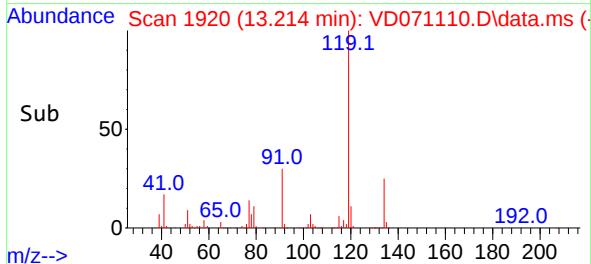
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



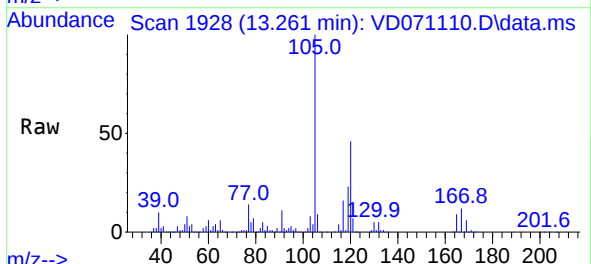
Tgt Ion:119 Resp: 590144
Ion Ratio Lower Upper
119 100
91 70.0 32.5 97.5
134 27.0 13.2 39.6

Manual Integrations
APPROVED

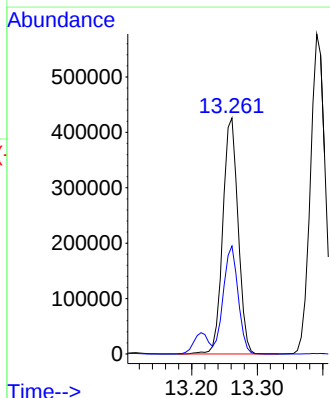
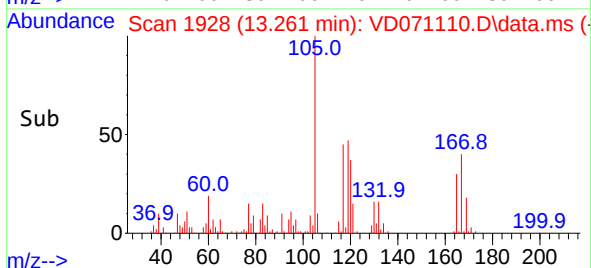
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

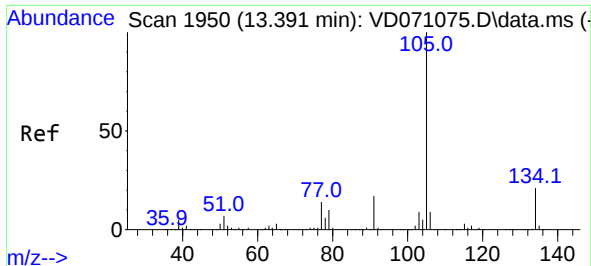


#84
1,2,4-Trimethylbenzene
Concen: 54.758 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



Tgt Ion:105 Resp: 687598
Ion Ratio Lower Upper
105 100
120 44.2 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 53.816 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071110.D
 Acq: 01 Dec 2021 17:28

Instrument :

MSVOA_D

ClientSampleId :

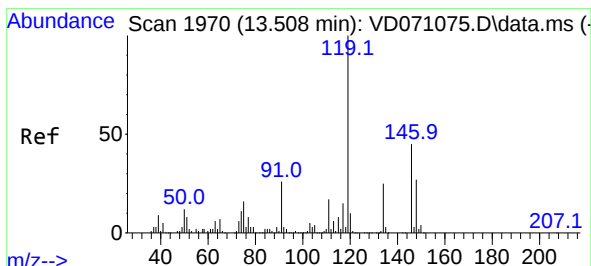
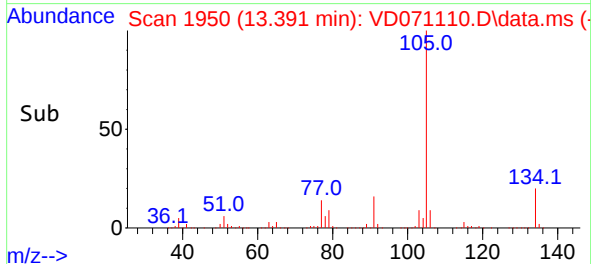
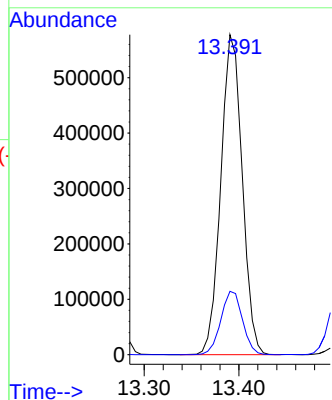
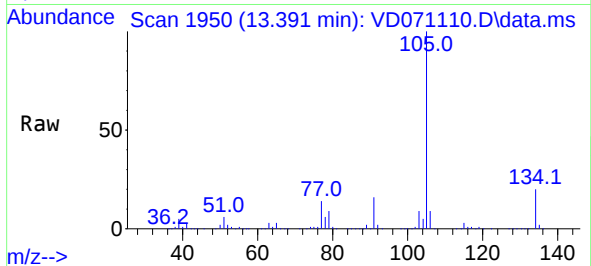
VSTDCCC050EC

Tgt Ion:105 Resp: 90791
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 28.9

Manual Integrations

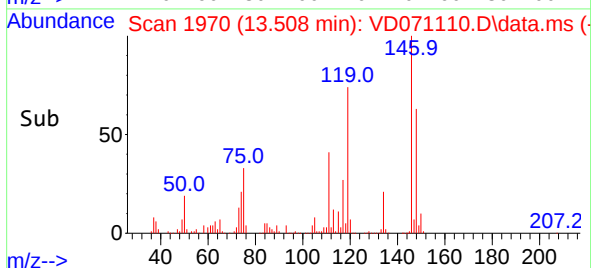
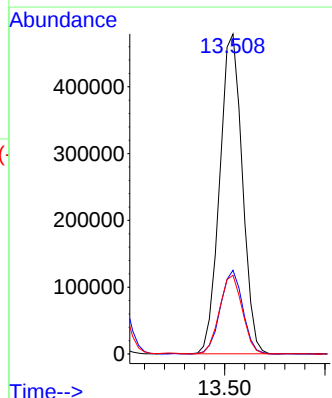
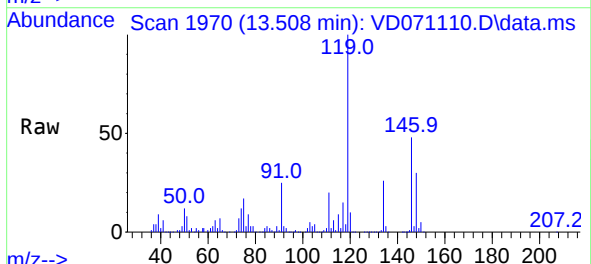
APPROVED

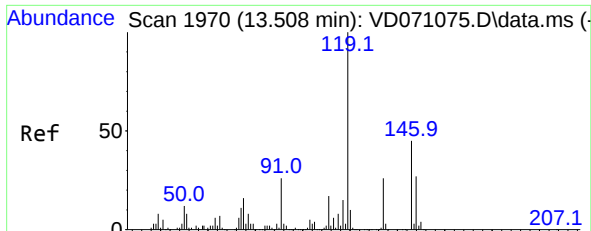
Reviewed By :John Carlone 12/02/2021
 Supervised By :Mahesh Dadoda 12/03/2021



#86
 p-Isopropyltoluene
 Concen: 54.075 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071110.D
 Acq: 01 Dec 2021 17:28

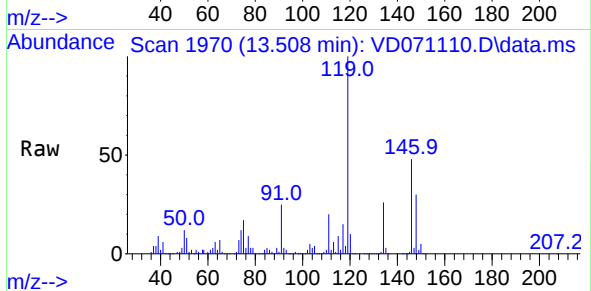
Tgt Ion:119 Resp: 746149
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 24.7 11.4 34.2





#87
1,3-Dichlorobenzene
Concen: 54.492 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

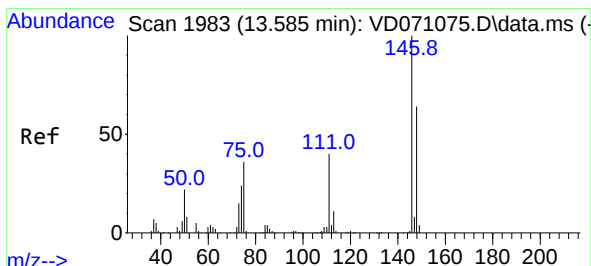
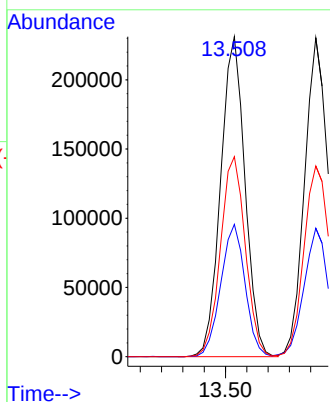
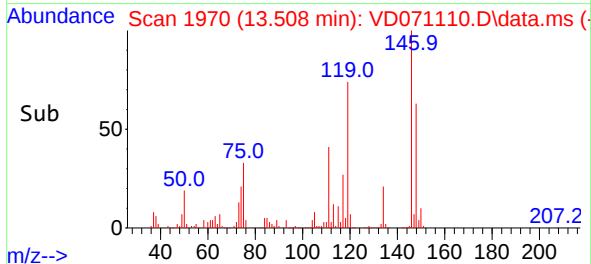
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 366460
Ion Ratio Lower Upper
146 100
111 41.3 19.8 59.4
148 63.9 32.1 96.3

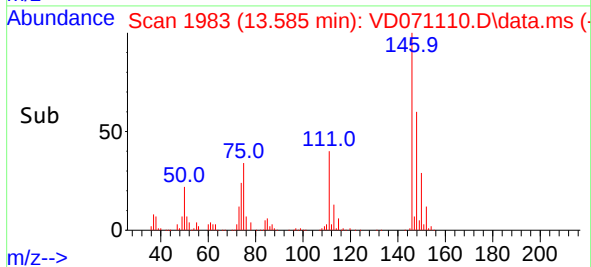
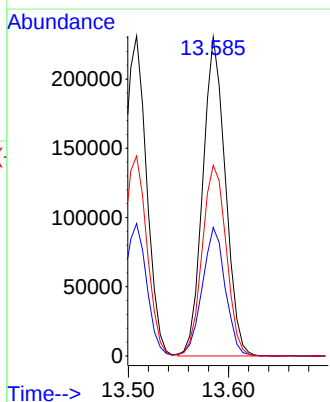
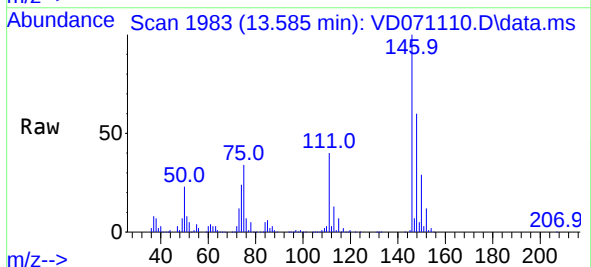
Manual Integrations
APPROVED

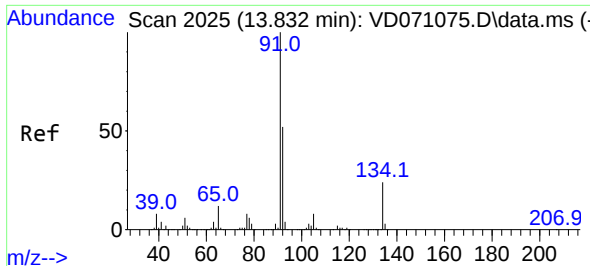
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#88
1,4-Dichlorobenzene
Concen: 54.225 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Tgt Ion:146 Resp: 361294
Ion Ratio Lower Upper
146 100
111 41.0 19.6 58.8
148 63.6 31.5 94.5





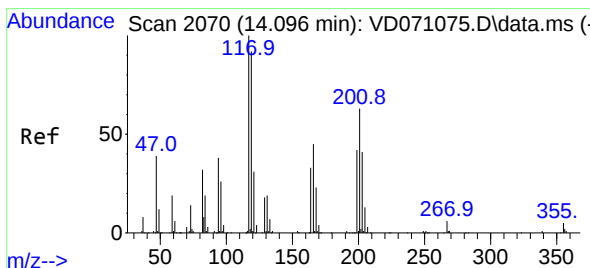
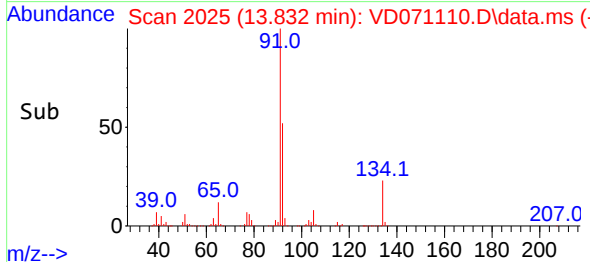
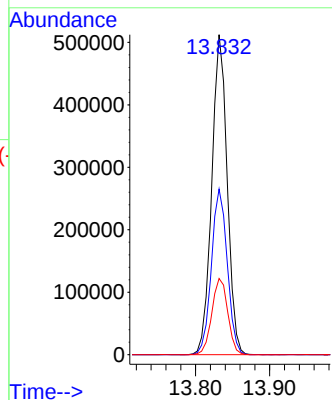
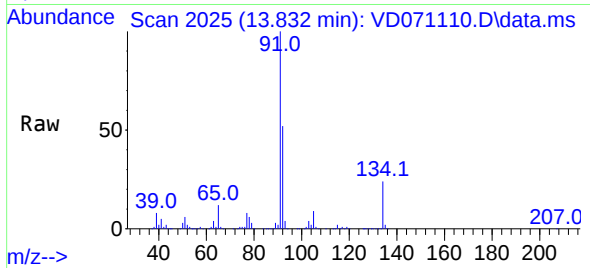
#89
n-Butylbenzene
Concen: 54.928 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 73987
Ion Ratio Lower Upper
91 100
92 53.2 27.3 81.9
134 24.6 12.3 36.9

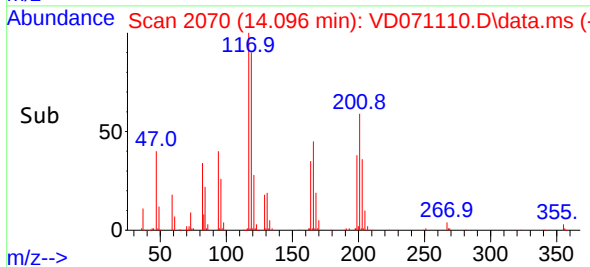
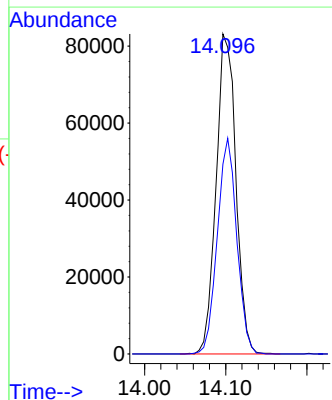
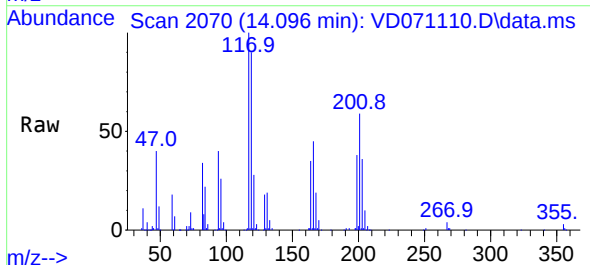
Manual Integrations
APPROVED

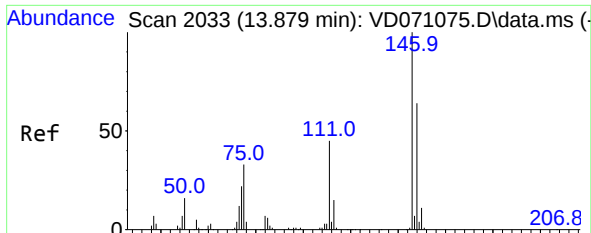
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#90
Hexachloroethane
Concen: 53.912 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

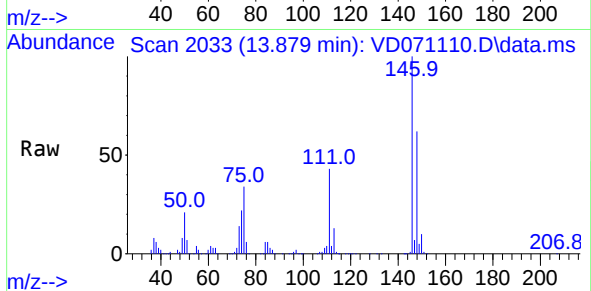
Tgt Ion:117 Resp: 141019
Ion Ratio Lower Upper
117 100
201 66.3 36.0 108.1





#91
1,2-Dichlorobenzene
Concen: 56.187 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

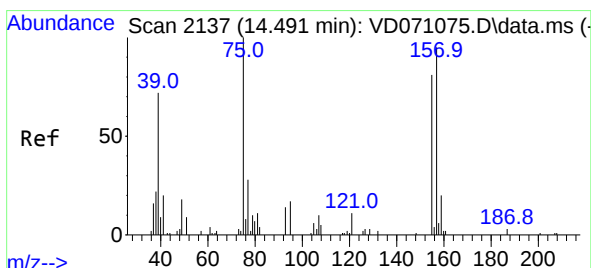
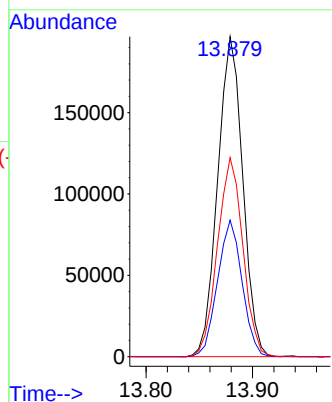
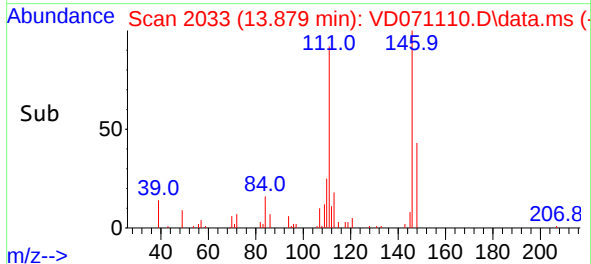
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



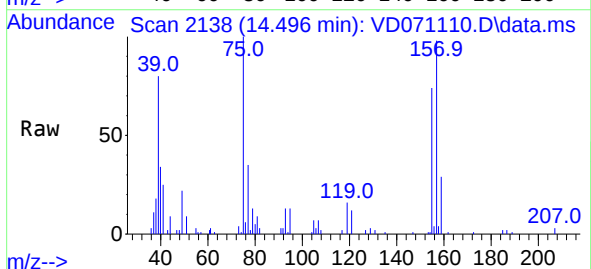
Tgt Ion:146 Resp: 32133
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.2
148 62.9 31.7 95.1

Manual Integrations
APPROVED

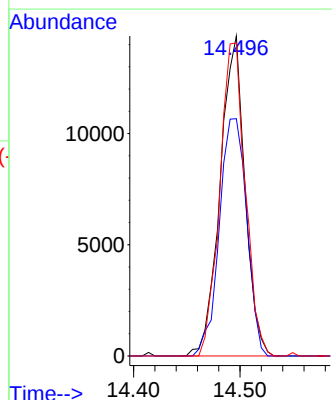
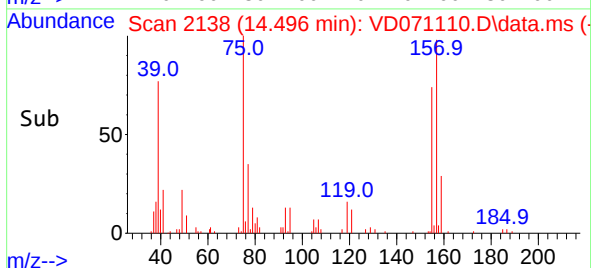
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021

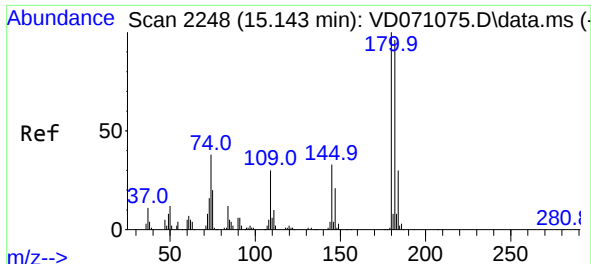


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.557 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.005 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



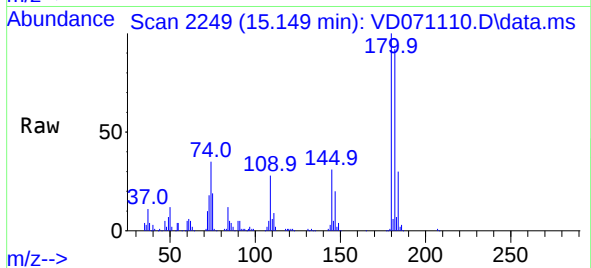
Tgt Ion: 75 Resp: 23239
Ion Ratio Lower Upper
75 100
155 81.8 40.0 120.0
157 100.3 49.8 149.3





#93
1,2,4-Trichlorobenzene
Concen: 56.047 ug/l
RT: 15.149 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

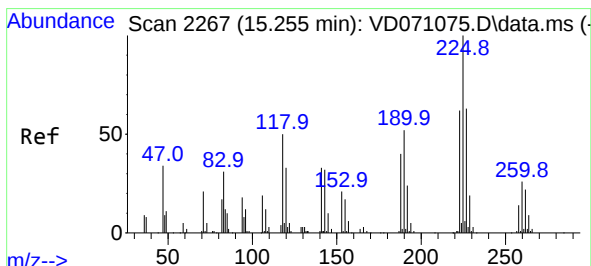
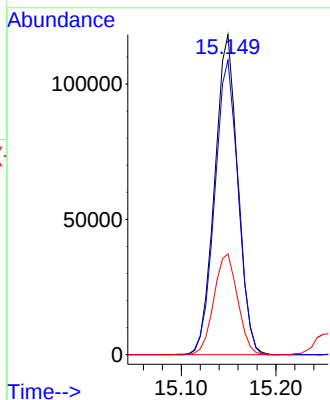
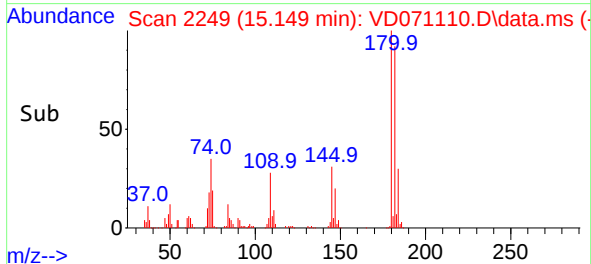
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



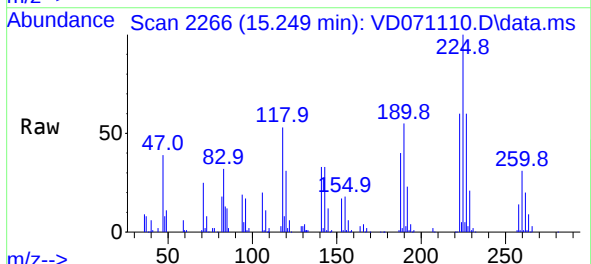
Tgt Ion:180 Resp: 19994
Ion Ratio Lower Upper
180 100
182 94.1 48.2 144.6
145 32.5 15.4 46.2

Manual Integrations
APPROVED

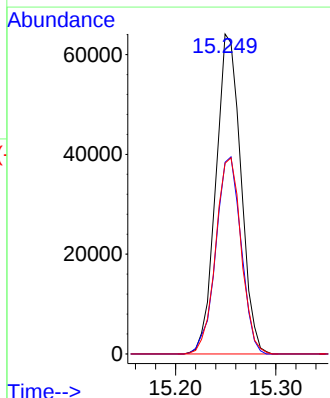
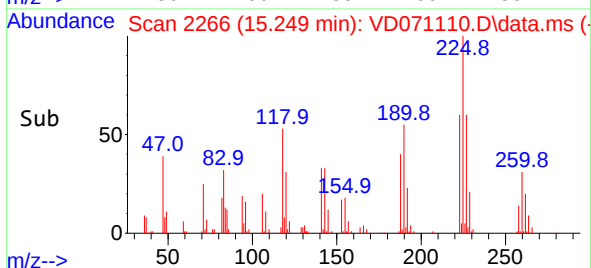
Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#94
Hexachlorobutadiene
Concen: 54.845 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



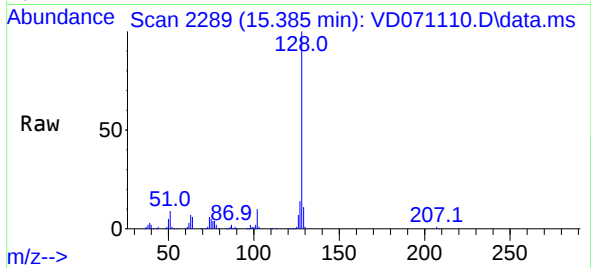
Tgt Ion:225 Resp: 110701
Ion Ratio Lower Upper
225 100
223 62.2 31.8 95.3
227 62.5 31.6 94.8





#95
Naphthalene
Concen: 58.841 ug/l
RT: 15.385 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28

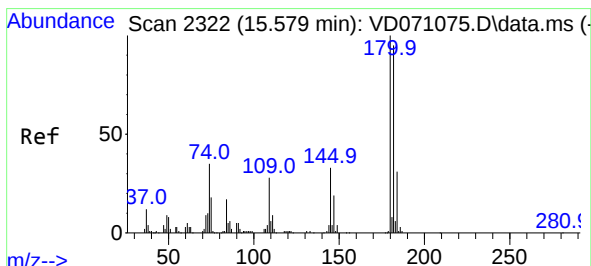
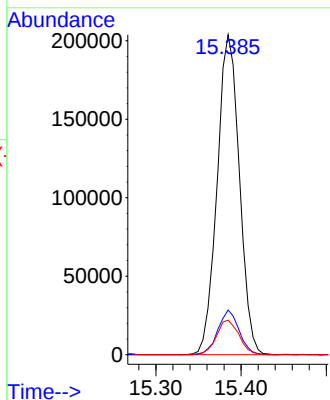
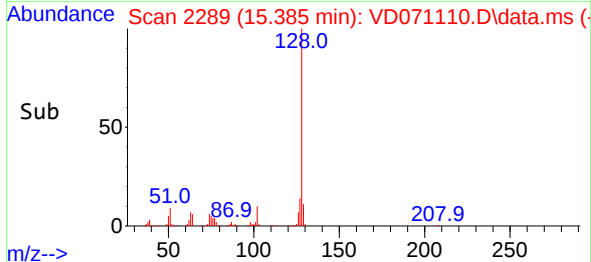
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



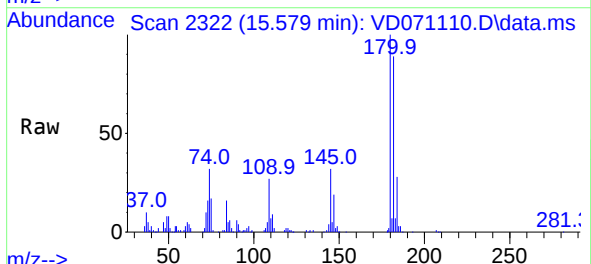
Tgt Ion:128 Resp: 37003
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2021
Supervised By :Mahesh Dadoda 12/03/2021



#96
1,2,3-Trichlorobenzene
Concen: 58.414 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071110.D
Acq: 01 Dec 2021 17:28



Tgt Ion:180 Resp: 176990
Ion Ratio Lower Upper
180 100
182 92.0 46.7 140.1
145 32.7 15.9 47.6

