

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071968.D
 Acq On : 14 Feb 2022 20:24
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2022
 Supervised By : Semsettin Yesilyurt 02/15/2022

Quant Time: Feb 15 00:39:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	320952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	545628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	543589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	275415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	226775	55.902	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.800%	
35) Dibromofluoromethane	7.914	113	203163	56.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.300%	
50) Toluene-d8	10.332	98	722498	53.939	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.880%	
62) 4-Bromofluorobenzene	12.626	95	261324	55.867	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.740%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	160369	42.136	ug/l 96
3) Chloromethane	2.209	50	205579	45.116	ug/l 96
4) Vinyl Chloride	2.350	62	221075	46.341	ug/l 97
5) Bromomethane	2.774	94	146402	46.511	ug/l 92
6) Chloroethane	2.926	64	148459	49.106	ug/l 98
7) Trichlorofluoromethane	3.279	101	313606	45.870	ug/l 100
8) Diethyl Ether	3.709	74	91049	50.472	ug/l 95
9) 1,1,2-Trichlorotrifluo...	4.097	101	188114	48.771	ug/l 98
10) Methyl Iodide	4.303	142	196511	49.697	ug/l 97
11) Tert butyl alcohol	5.220	59	49793	197.275	ug/l # 74
12) 1,1-Dichloroethene	4.073	96	164151	46.553	ug/l 96
13) Acrolein	3.926	56	65175	180.884	ug/l 98
14) Allyl chloride	4.721	41	335856	49.969	ug/l 100
15) Acrylonitrile	5.420	53	249512	272.143	ug/l 99
16) Acetone	4.156	43	275753	248.320	ug/l 99
17) Carbon Disulfide	4.415	76	547608	44.539	ug/l 100
18) Methyl Acetate	4.715	43	114709	47.777	ug/l 98
19) Methyl tert-butyl Ether	5.479	73	454394	53.867	ug/l 97
20) Methylene Chloride	4.968	84	216365	53.653	ug/l 97
21) trans-1,2-Dichloroethene	5.473	96	207122	50.457	ug/l 92
22) Diisopropyl ether	6.362	45	766171	58.161	ug/l 98
23) Vinyl Acetate	6.309	43	2114659	290.988	ug/l 99
24) 1,1-Dichloroethane	6.267	63	419583	54.646	ug/l 98
25) 2-Butanone	7.209	43	344678	266.250	ug/l 100
26) 2,2-Dichloropropane	7.209	77	323016	50.837	ug/l 98
27) cis-1,2-Dichloroethene	7.214	96	236652	53.676	ug/l 99
28) Bromochloromethane	7.550	49	157190	54.277	ug/l 97
29) Tetrahydrofuran	7.562	42	211165	275.680	ug/l 99
30) Chloroform	7.709	83	421017	53.671	ug/l 98
31) Cyclohexane	7.985	56	353725	45.674	ug/l 95
32) 1,1,1-Trichloroethane	7.909	97	351639	50.822	ug/l 97
36) 1,1-Dichloropropene	8.109	75	307497	49.952	ug/l 99
37) Ethyl Acetate	7.291	43	154293	53.911	ug/l 97
38) Carbon Tetrachloride	8.097	117	302131	49.630	ug/l 99
39) Methylcyclohexane	9.356	83	339189	47.554	ug/l 95
40) Benzene	8.350	78	880188	52.970	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	84550	52.219	ug/l	92
42) 1,2-Dichloroethane	8.420	62	283899	54.106	ug/l	100
43) Isopropyl Acetate	8.450	43	279987	54.431	ug/l	99
44) Trichloroethene	9.108	130	218211	50.860	ug/l	98
45) 1,2-Dichloropropane	9.385	63	235543	54.974	ug/l	99
46) Dibromomethane	9.473	93	124640	55.558	ug/l	99
47) Bromodichloromethane	9.656	83	328592	55.382	ug/l	100
48) Methyl methacrylate	9.450	41	145204	53.338	ug/l	96
49) 1,4-Dioxane	9.456	88	24737	966.043	ug/l #	87
51) 4-Methyl-2-Pentanone	10.220	43	764770	284.106	ug/l	99
52) Toluene	10.403	92	563199	54.506	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	296585	54.426	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	342596	53.634	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	167057	56.107	ug/l	96
56) Ethyl methacrylate	10.655	69	210796	57.182	ug/l	98
57) 1,3-Dichloropropane	10.938	76	296269	55.737	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	485047	279.503	ug/l	98
59) 2-Hexanone	10.979	43	526321	269.389	ug/l	99
60) Dibromochloromethane	11.132	129	204838	55.712	ug/l	100
61) 1,2-Dibromoethane	11.238	107	153876	53.640	ug/l	98
64) Tetrachloroethene	10.873	164	175832	45.729	ug/l	90
65) Chlorobenzene	11.661	112	580473	50.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	217165	51.908	ug/l	97
67) Ethyl Benzene	11.738	91	1084436	51.248	ug/l	97
68) m/p-Xylenes	11.844	106	824305	102.415	ug/l	98
69) o-Xylene	12.173	106	380689	52.047	ug/l	100
70) Styrene	12.185	104	676928	53.693	ug/l	99
71) Bromoform	12.350	173	113576	50.845	ug/l #	99
73) Isopropylbenzene	12.473	105	1000421	46.909	ug/l	99
74) N-amyl acetate	12.279	43	262711	50.091	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	186378	47.225	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	133954m	46.151	ug/l	
77) Bromobenzene	12.749	156	223225	47.054	ug/l	99
78) n-propylbenzene	12.808	91	1275587	47.700	ug/l	99
79) 2-Chlorotoluene	12.897	91	724400	47.802	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	862457	48.756	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	55868	47.326	ug/l	98
82) 4-Chlorotoluene	12.997	91	759000	48.141	ug/l	100
83) tert-Butylbenzene	13.214	119	705242	48.106	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	855702	49.176	ug/l	99
85) sec-Butylbenzene	13.391	105	1087235	47.397	ug/l	99
86) p-Isopropyltoluene	13.508	119	903929	48.494	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	463139	48.077	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	454935	47.319	ug/l	100
89) n-Butylbenzene	13.832	91	870189	47.582	ug/l	99
90) Hexachloroethane	14.096	117	174023	46.968	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	398197	48.302	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	30625	46.855	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	226599	47.053	ug/l	100
94) Hexachlorobutadiene	15.255	225	116689	44.437	ug/l	99
95) Naphthalene	15.385	128	422127	44.293	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	195497	47.360	ug/l	97

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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

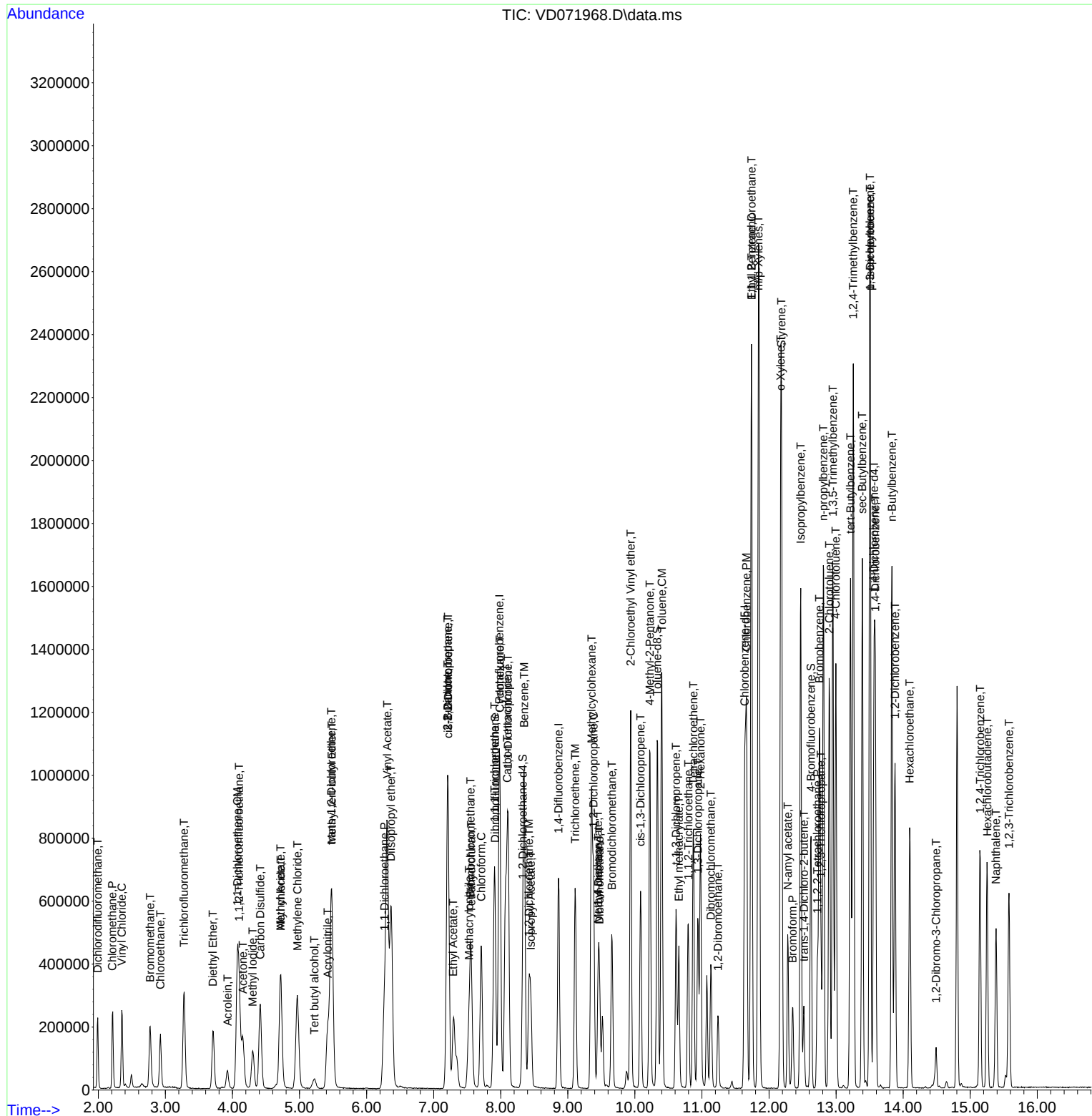
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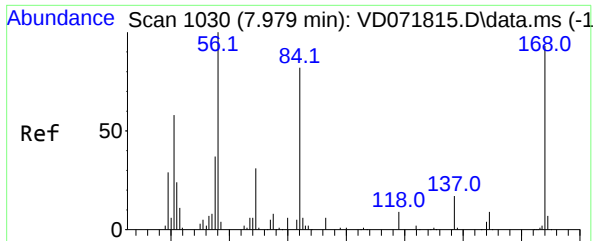
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Manual Integrations APPROVED

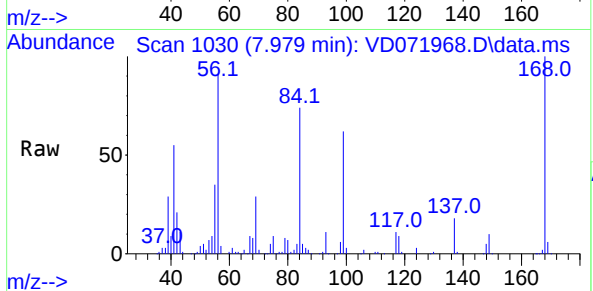
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

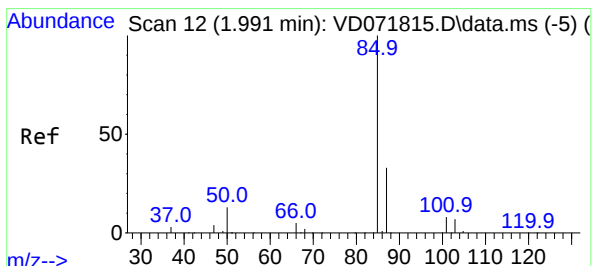
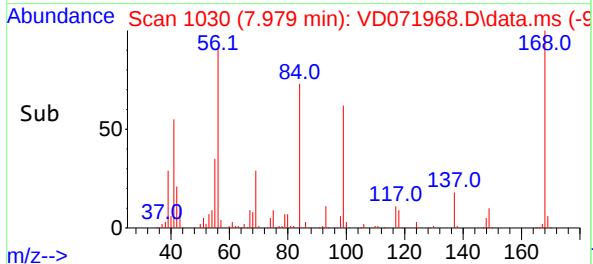
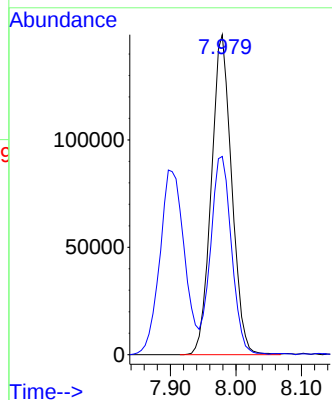
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 320952
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6

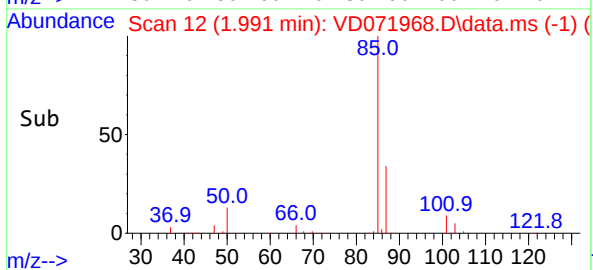
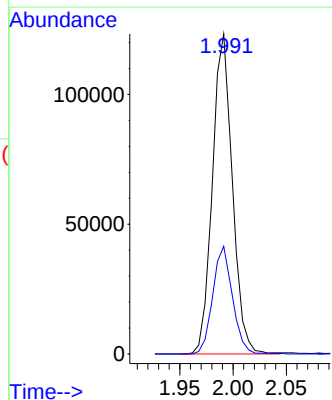
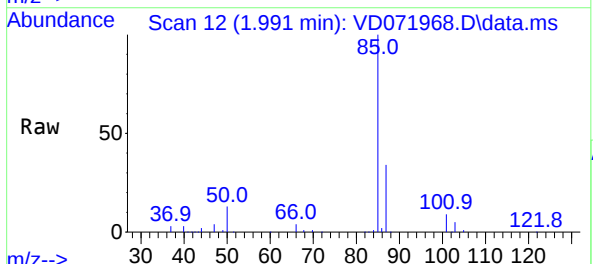
Manual Integrations
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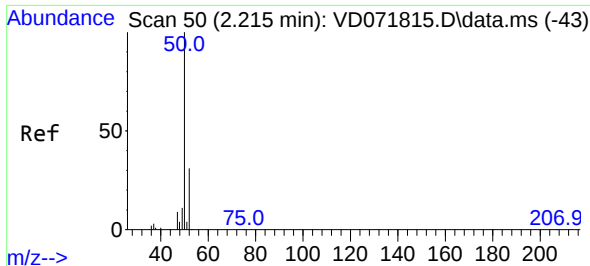
Reviewed By :John Carlone 02/15/2022
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#2
Dichlorodifluoromethane
Concen: 42.136 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

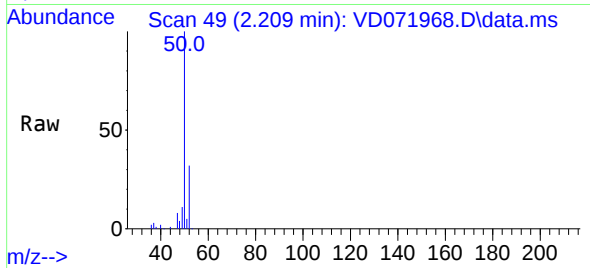
Tgt Ion: 85 Resp: 160369
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.0





#3
Chloromethane
Concen: 45.116 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

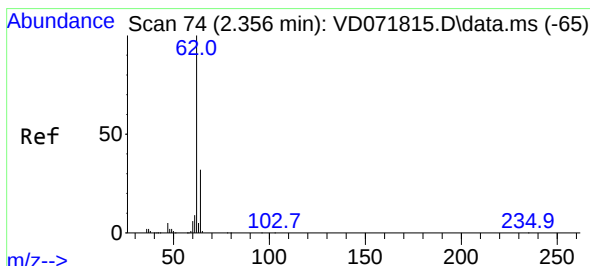
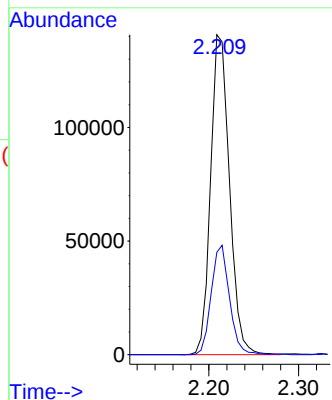
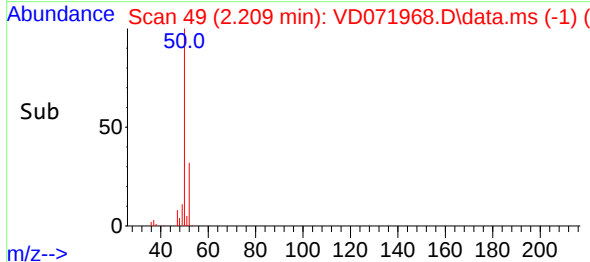
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Tgt Ion: 50 Resp: 205579
Ion Ratio Lower Upper
50 100
52 32.0 27.4 41.0

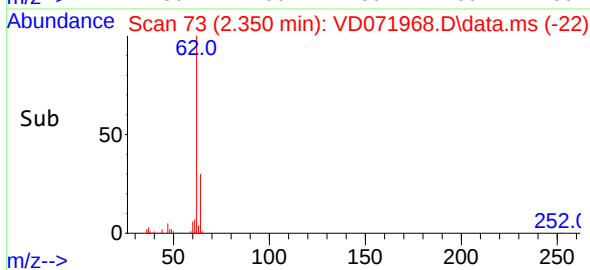
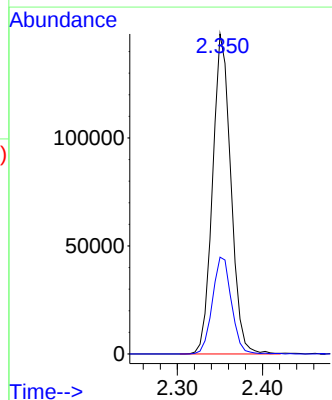
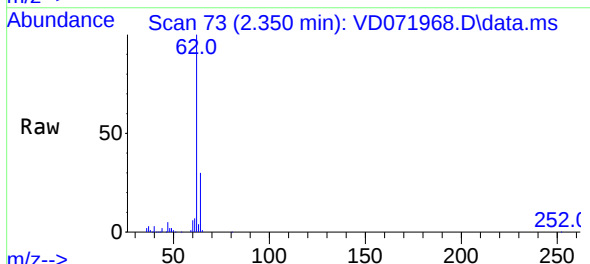
Manual Integrations
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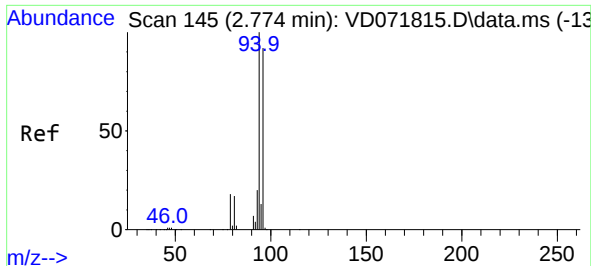
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022



#4
Vinyl Chloride
Concen: 46.341 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

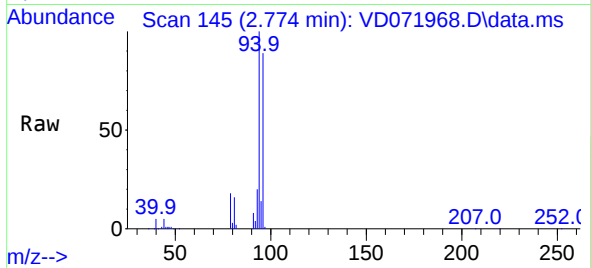
Tgt Ion: 62 Resp: 221075
Ion Ratio Lower Upper
62 100
64 30.3 25.4 38.0





#5
Bromomethane
Concen: 46.511 ug/l
RT: 2.774 min Scan# 145
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

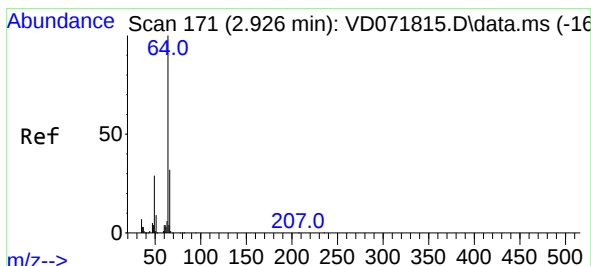
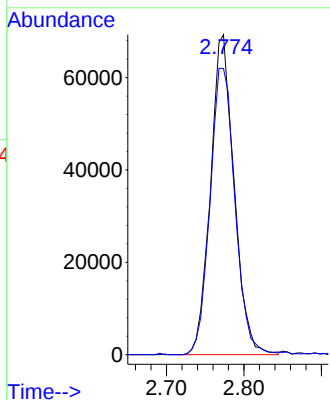
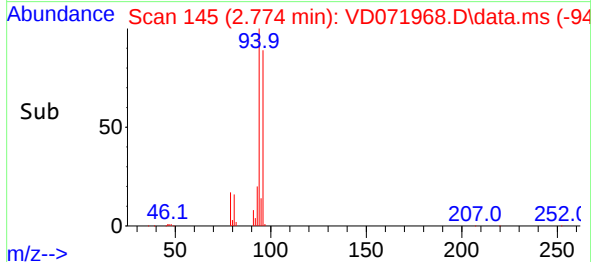
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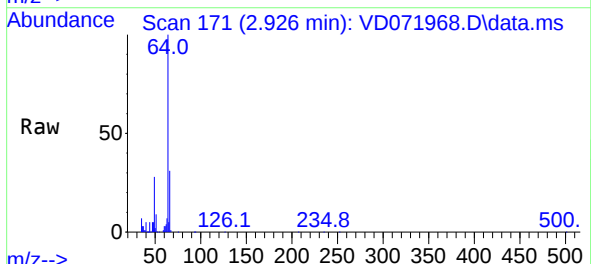
Tgt Ion: 94 Resp: 146402
Ion Ratio Lower Upper
94 100
96 89.5 77.6 116.4

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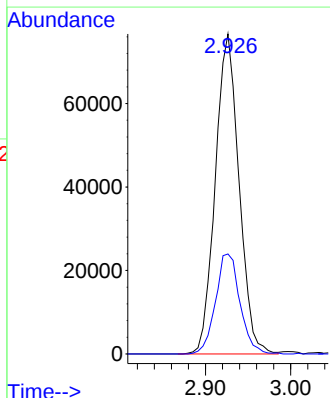
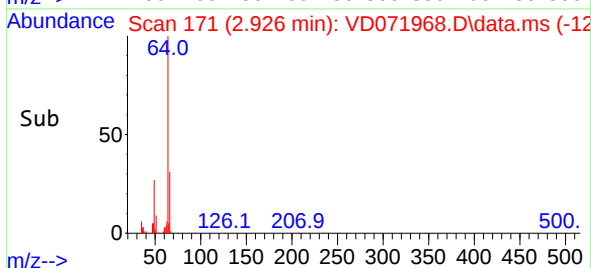
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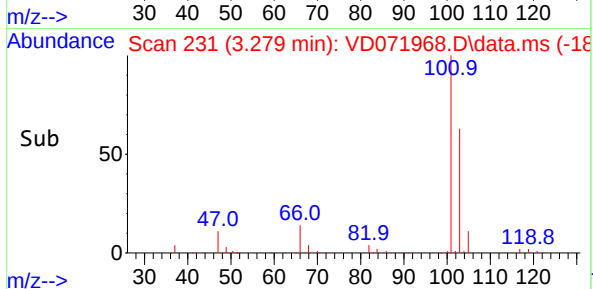
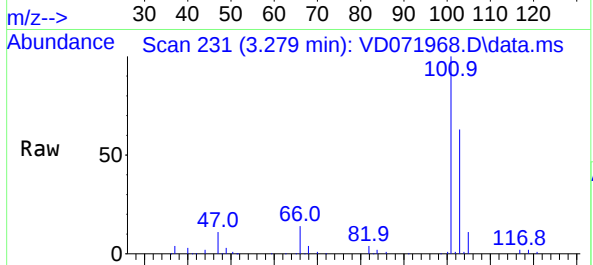
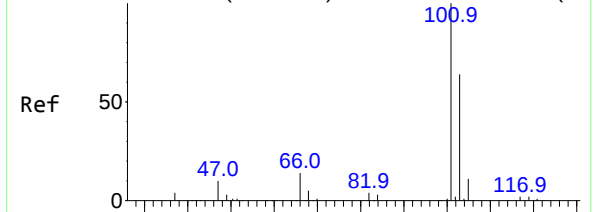
#6
Chloroethane
Concen: 49.106 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



Tgt Ion: 64 Resp: 148459
Ion Ratio Lower Upper
64 100
66 31.2 25.9 38.9



Abundance Scan 231 (3.279 min): VD071815.D\data.ms (-21



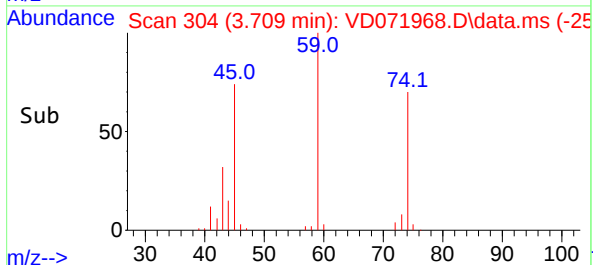
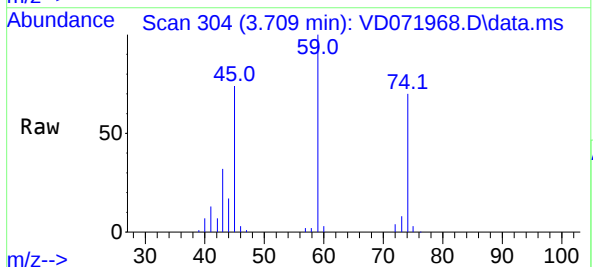
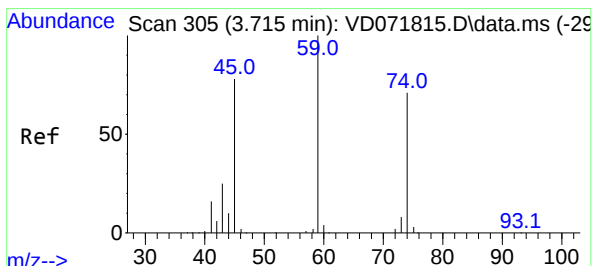
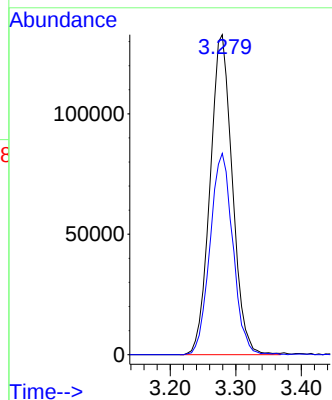
#7
Trichlorofluoromethane
Concen: 45.870 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

Tgt Ion:101 Resp: 313600
Ion Ratio Lower Upper
101 100
103 62.9 50.1 75.1

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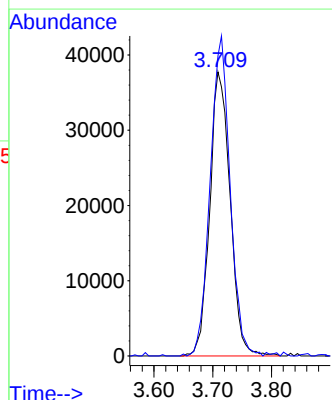
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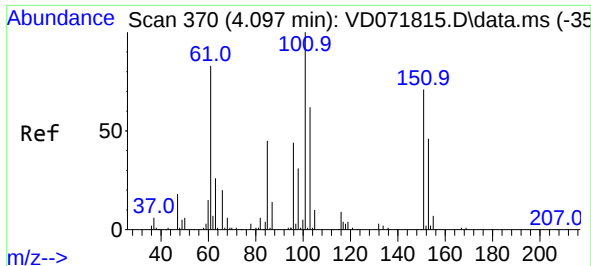
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022



#8
Diethyl Ether
Concen: 50.472 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

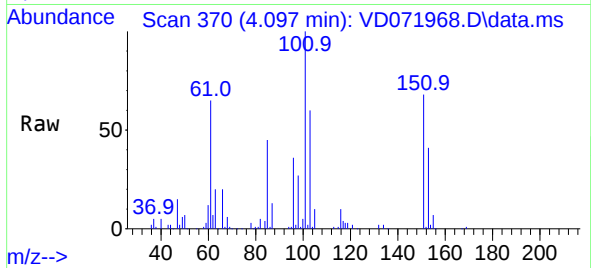
Tgt Ion: 74 Resp: 91049
Ion Ratio Lower Upper
74 100
45 110.0 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.771 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

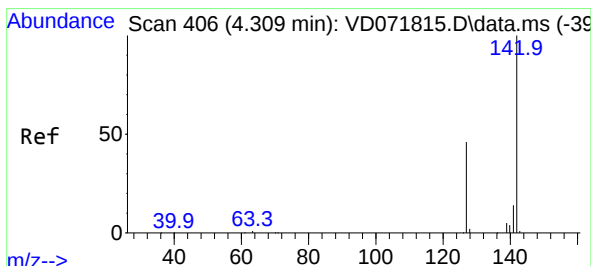
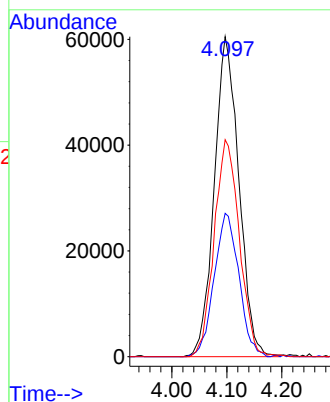
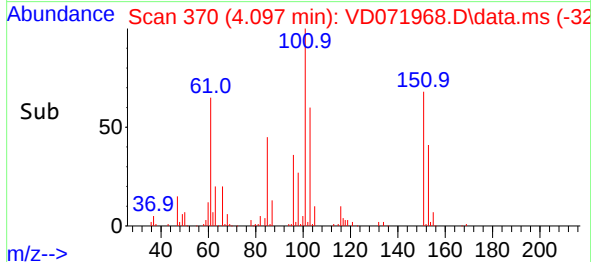
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



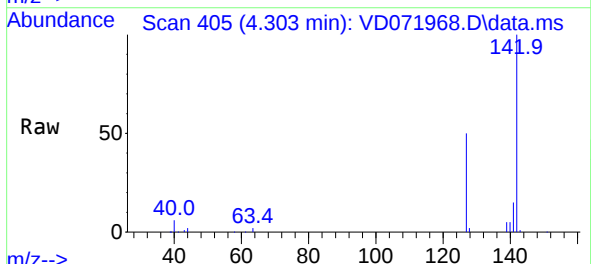
Tgt Ion:101 Resp: 188114
Ion Ratio Lower Upper
101 100
85 45.1 36.4 54.6
151 69.6 57.3 85.9

Manual Integrations
APPROVED

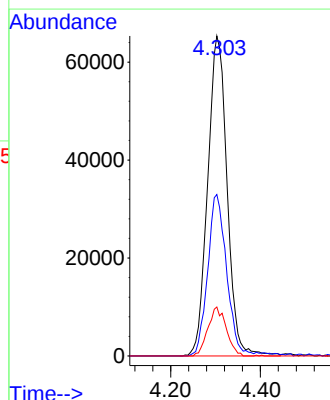
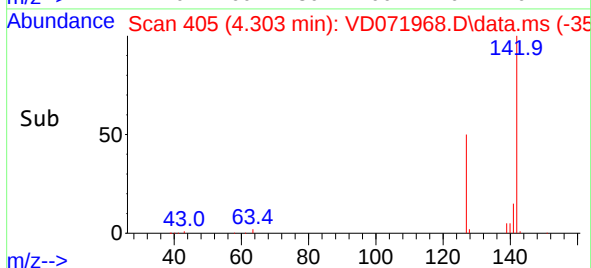
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

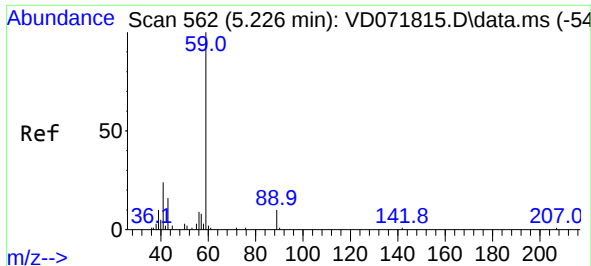


#10
Methyl Iodide
Concen: 49.697 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



Tgt Ion:142 Resp: 196511
Ion Ratio Lower Upper
142 100
127 49.0 37.3 55.9
141 14.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 197.275 ug/l

RT: 5.220 min Scan# 50

Delta R.T. 0.000 min

Lab File: VD071968.D

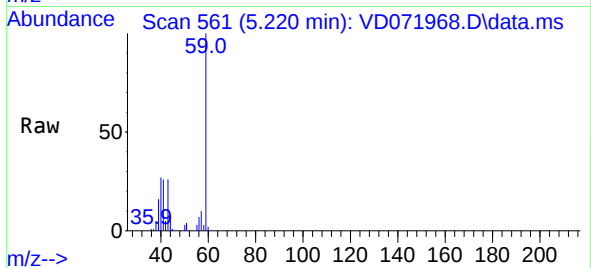
Acq: 14 Feb 2022 20:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 59 Resp: 4979

Ion Ratio Lower Upper

59 100

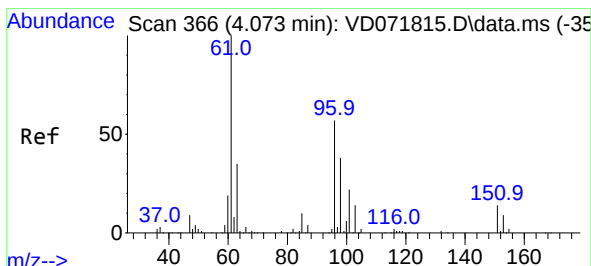
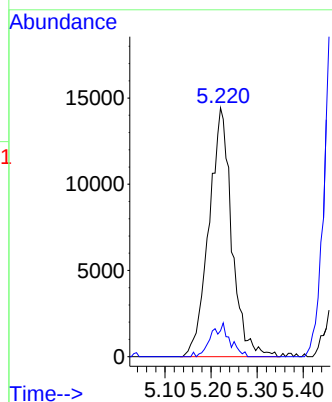
57 0.0 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Semsettin Yesilyurt 02/15/2022



#12

1,1-Dichloroethene

Concen: 46.553 ug/l

RT: 4.073 min Scan# 366

Delta R.T. 0.000 min

Lab File: VD071968.D

Acq: 14 Feb 2022 20:24

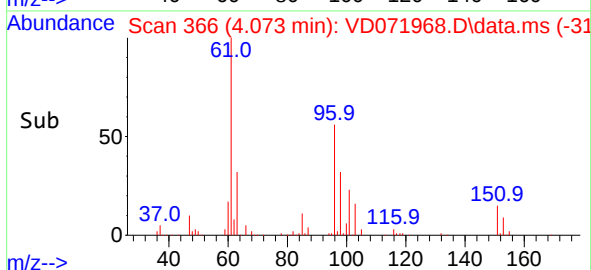
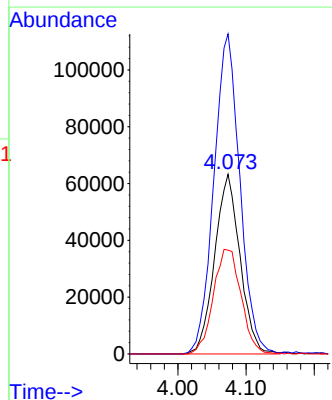
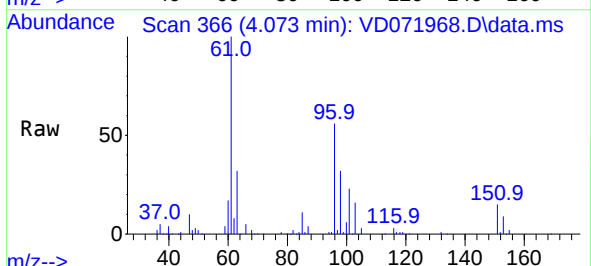
Tgt Ion: 96 Resp: 164151

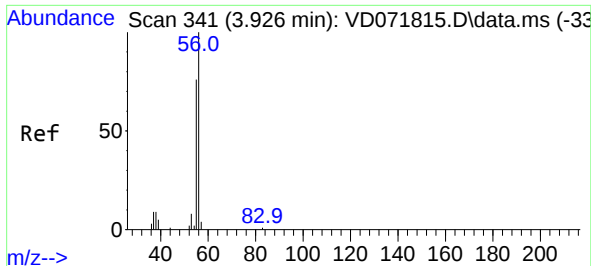
Ion Ratio Lower Upper

96 100

61 178.1 138.5 207.7

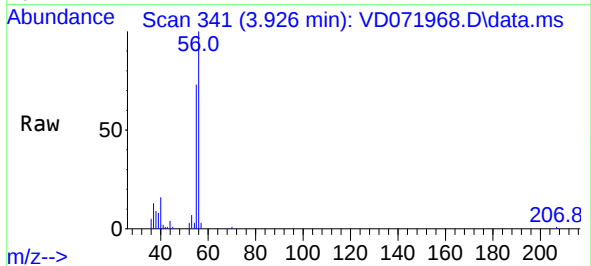
98 57.8 48.6 73.0





#13
Acrolein
Concen: 180.884 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

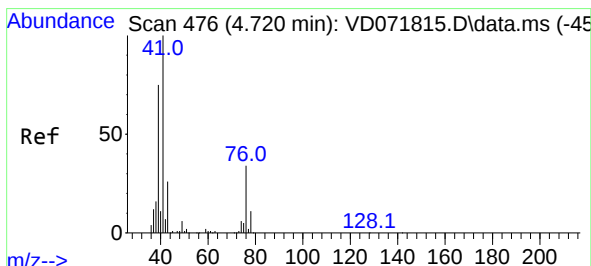
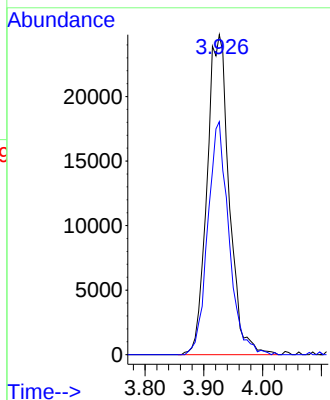
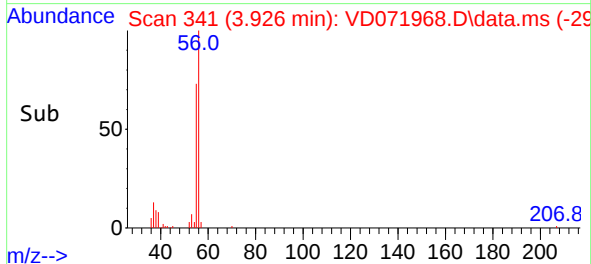
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 65175
Ion Ratio Lower Upper
56 100
55 69.4 57.1 85.7

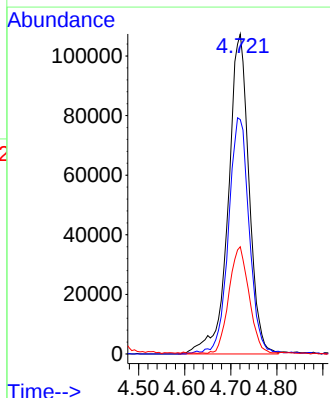
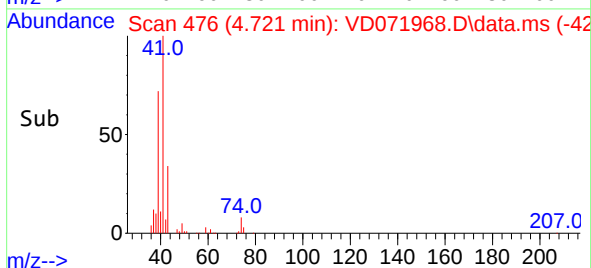
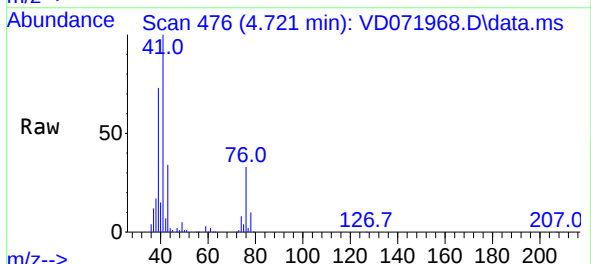
Manual Integrations
APPROVED

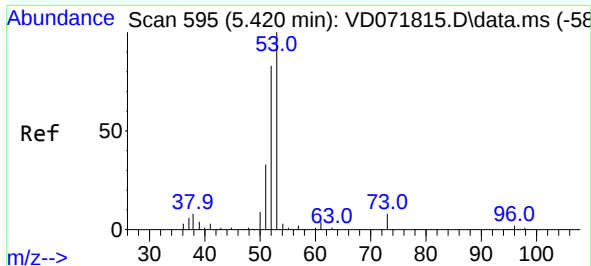
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022



#14
Allyl chloride
Concen: 49.969 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

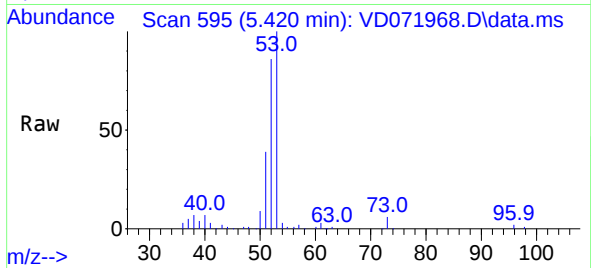
Tgt Ion: 41 Resp: 335856
Ion Ratio Lower Upper
41 100
39 73.9 59.3 88.9
76 32.1 25.7 38.5





#15
Acrylonitrile
Concen: 272.143 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

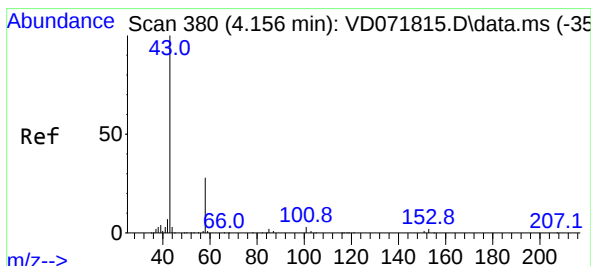
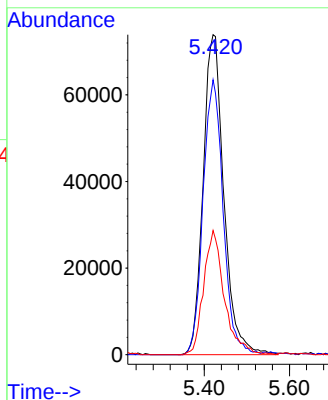
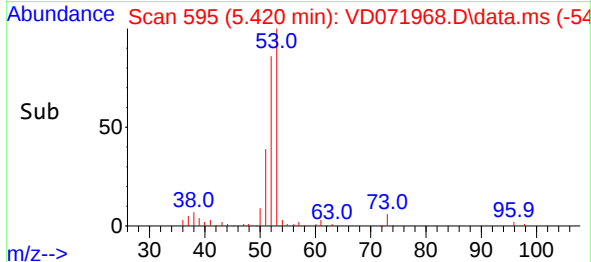
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



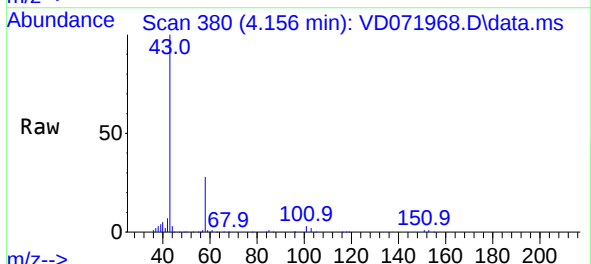
Tgt Ion: 53 Resp: 249512
Ion Ratio Lower Upper
53 100
52 83.2 67.2 100.8
51 38.7 30.3 45.5

Manual Integrations
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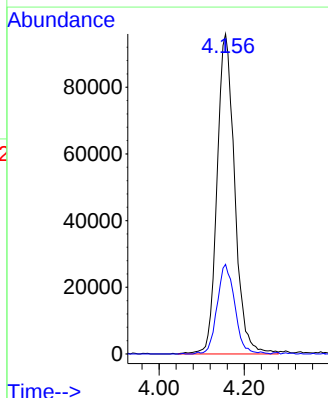
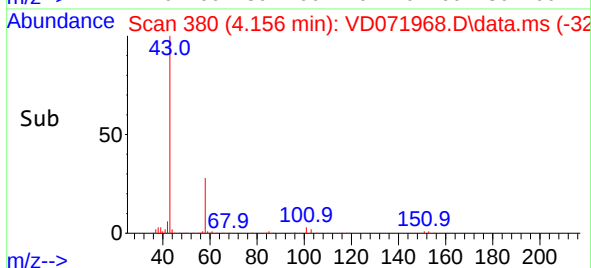
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

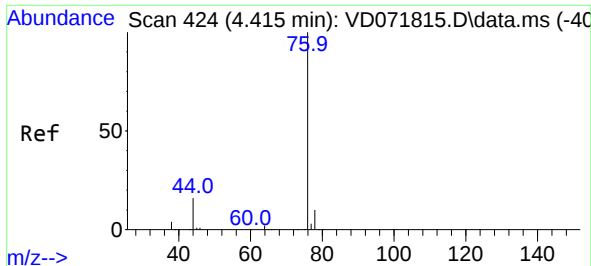


#16
Acetone
Concen: 248.320 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



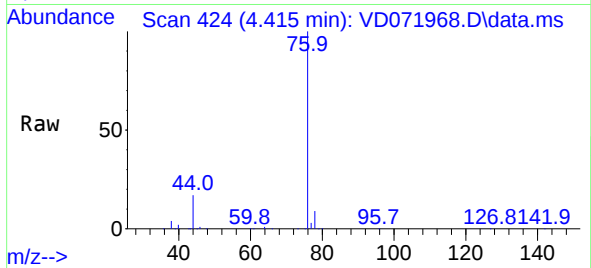
Tgt Ion: 43 Resp: 275753
Ion Ratio Lower Upper
43 100
58 28.0 22.1 33.1





#17
Carbon Disulfide
Concen: 44.539 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

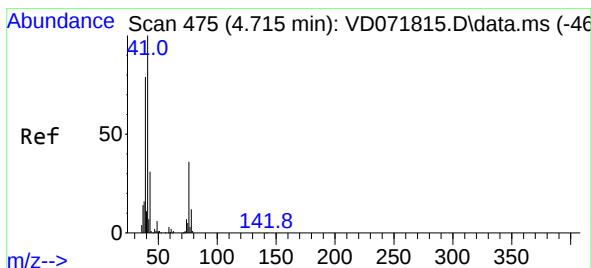
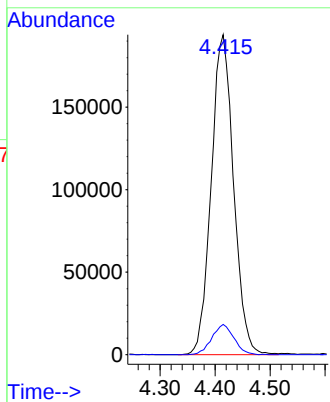
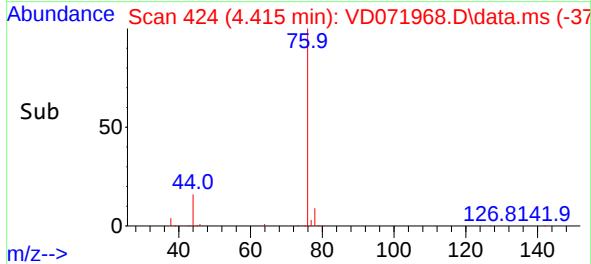
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 547608
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

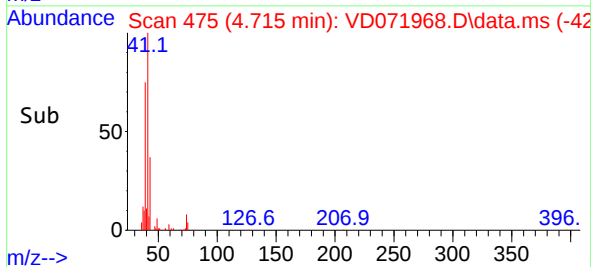
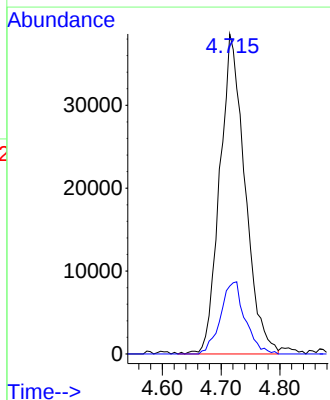
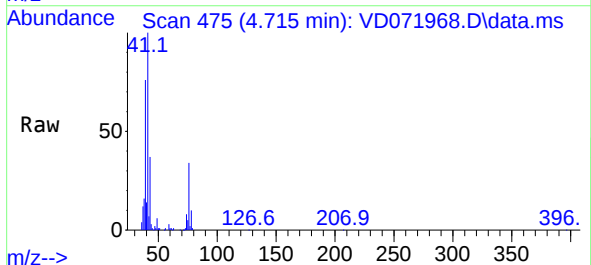
Manual Integrations
APPROVED

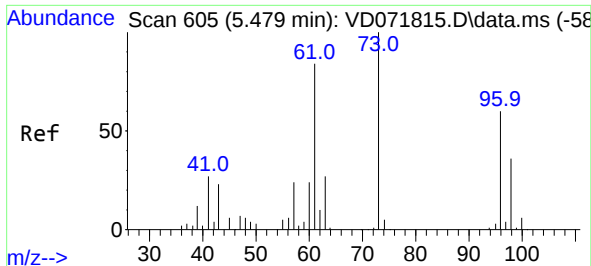
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022



#18
Methyl Acetate
Concen: 47.777 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

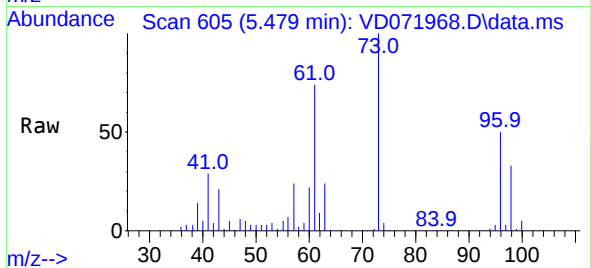
Tgt Ion: 43 Resp: 114709
Ion Ratio Lower Upper
43 100
74 22.0 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 53.867 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

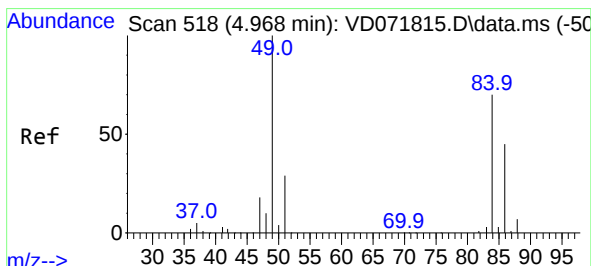
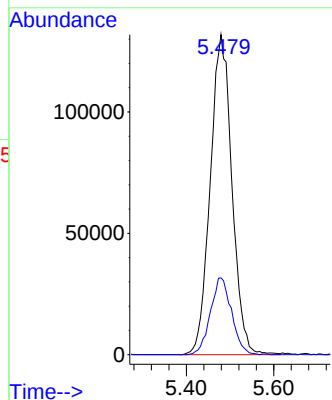
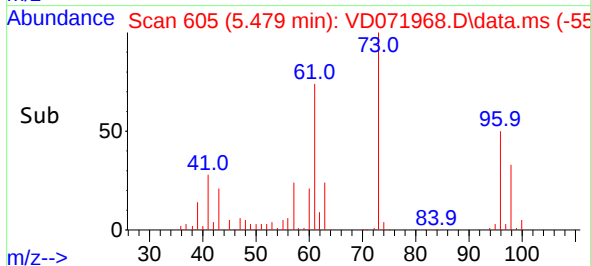
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



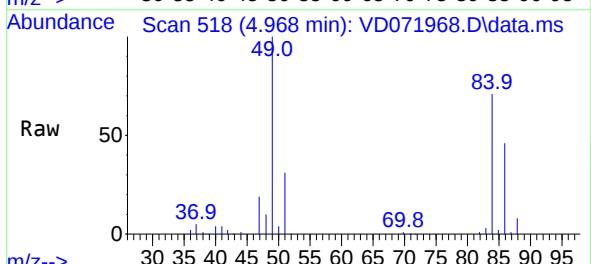
Tgt Ion: 73 Resp: 454394
Ion Ratio Lower Upper
73 100
57 24.0 18.0 27.0

Manual Integrations
APPROVED

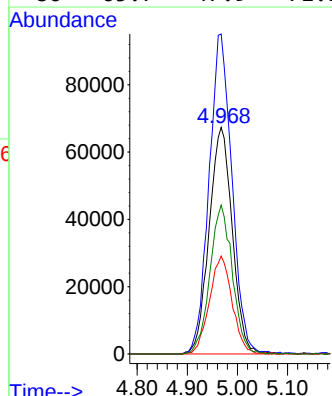
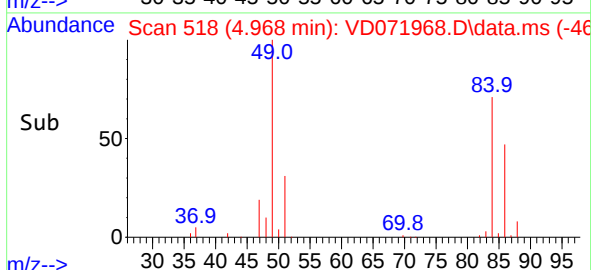
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

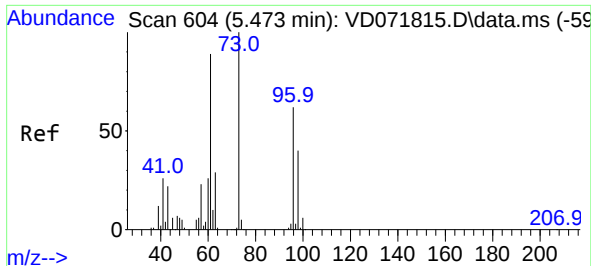


#20
Methylene Chloride
Concen: 53.653 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



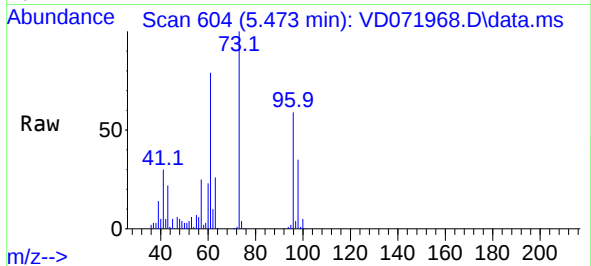
Tgt Ion: 84 Resp: 216365
Ion Ratio Lower Upper
84 100
49 141.3 112.8 169.2
51 43.3 32.6 48.8
86 65.7 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 50.457 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

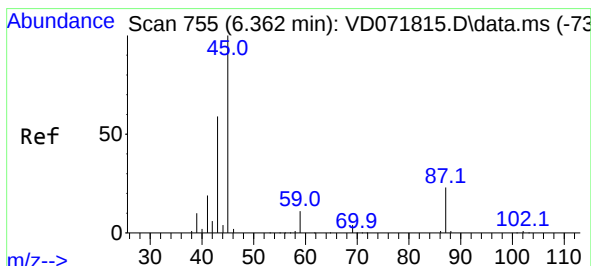
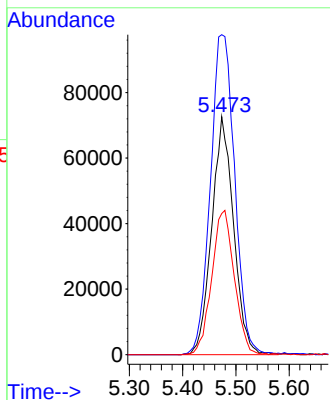
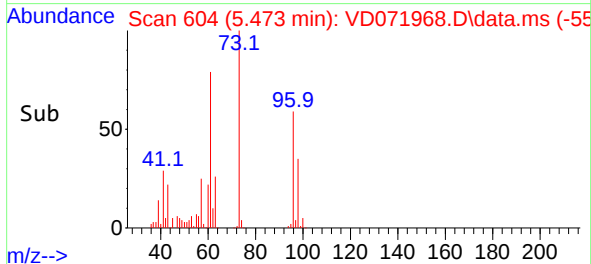
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



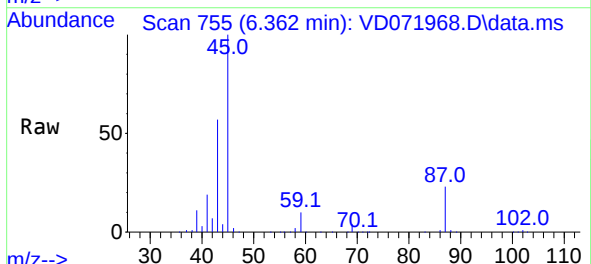
Tgt Ion: 96 Resp: 20712
Ion Ratio Lower Upper
96 100
61 134.5 117.9 176.9
98 59.3 49.4 74.2

Manual Integrations
APPROVED

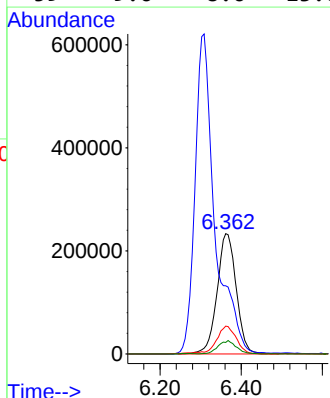
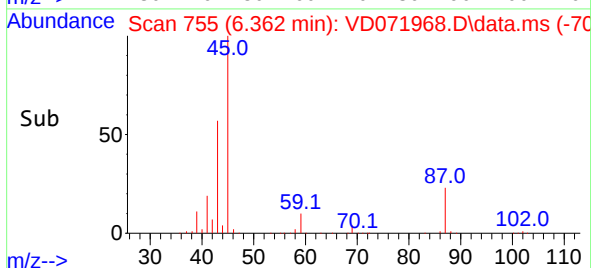
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

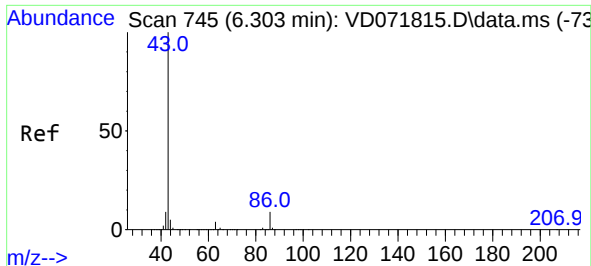


#22
Diisopropyl ether
Concen: 58.161 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



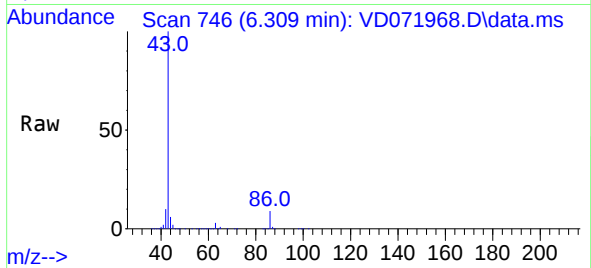
Tgt Ion: 45 Resp: 766171
Ion Ratio Lower Upper
45 100
43 55.9 46.6 70.0
87 23.0 18.4 27.6
59 9.6 8.6 13.0





#23
 Vinyl Acetate
 Concen: 290.988 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD071968.D
 Acq: 14 Feb 2022 20:24

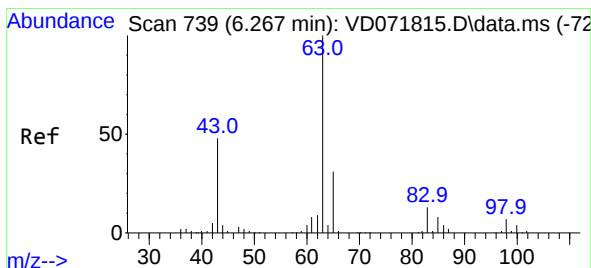
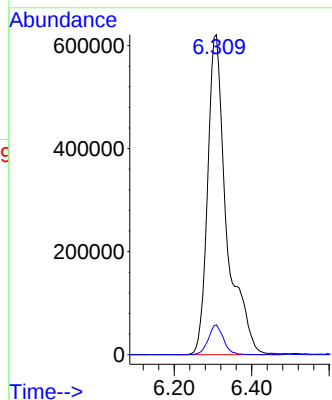
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2114659
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.1 10.7

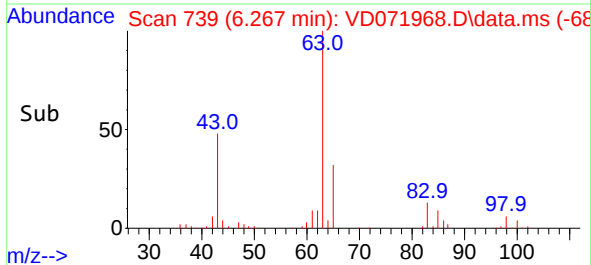
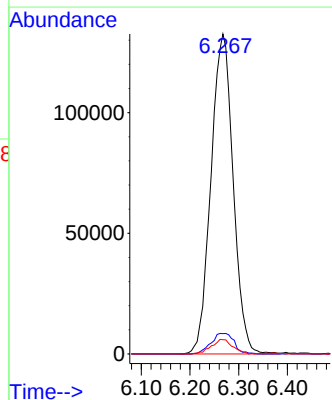
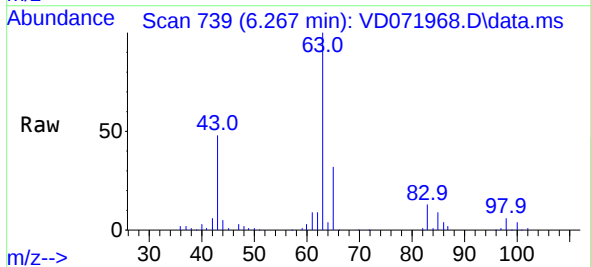
Manual Integrations
 APPROVED

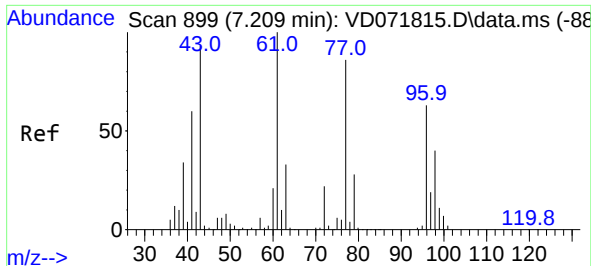
Reviewed By :John Carlone 02/15/2022
 Supervised By :Semsettin Yesilyurt 02/15/2022



#24
 1,1-Dichloroethane
 Concen: 54.646 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD071968.D
 Acq: 14 Feb 2022 20:24

Tgt Ion: 63 Resp: 419583
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 4.4 2.1 6.5





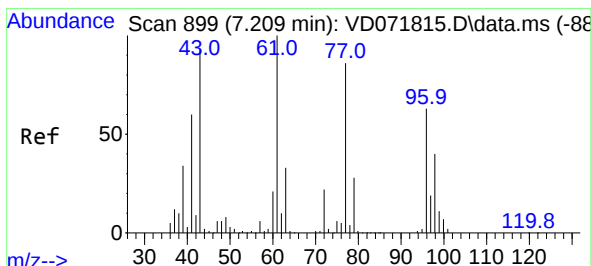
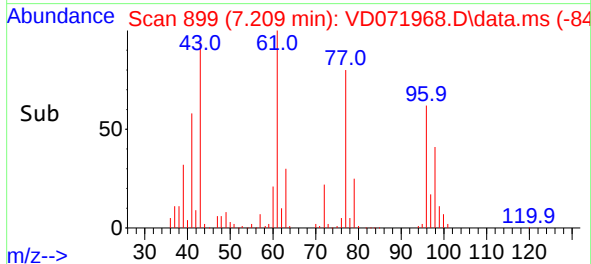
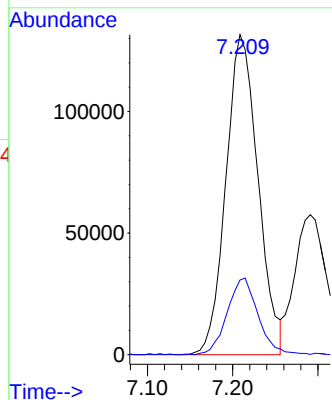
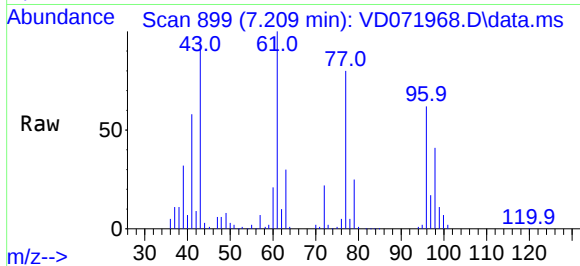
#25
2-Butanone
Concen: 266.250 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 344678
Ion Ratio Lower Upper
43 100
72 23.4 18.6 27.8

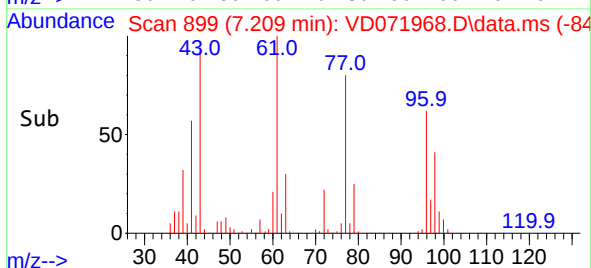
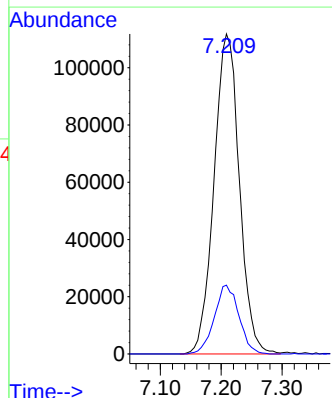
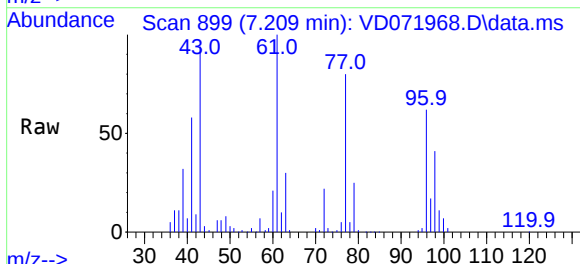
Manual Integrations
APPROVED

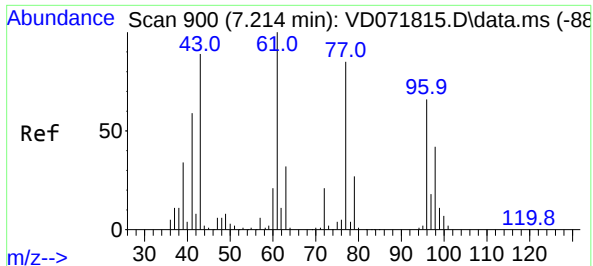
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022



#26
2,2-Dichloropropane
Concen: 50.837 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

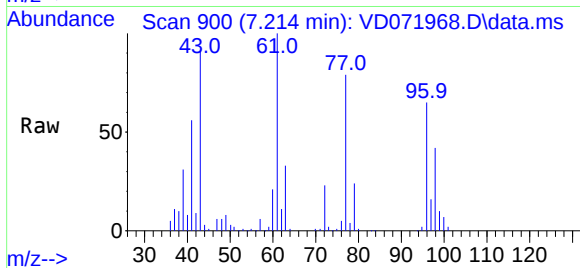
Tgt Ion: 77 Resp: 323016
Ion Ratio Lower Upper
77 100
97 20.8 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 53.676 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

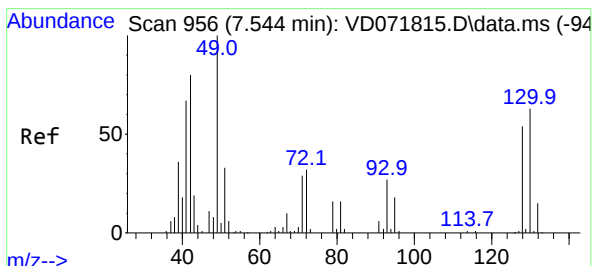
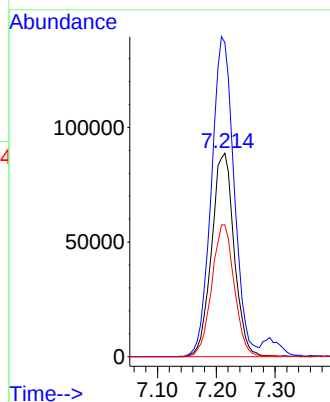
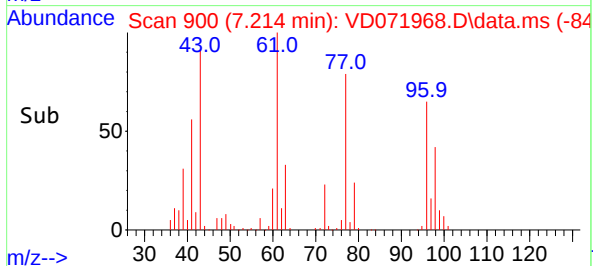
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



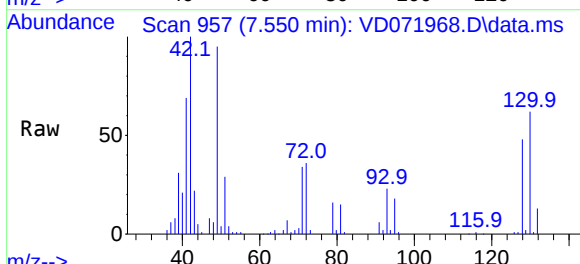
Tgt Ion: 96 Resp: 236652
Ion Ratio Lower Upper
96 100
61 158.4 0.0 313.8
98 64.7 0.0 128.8

Manual Integrations
APPROVED

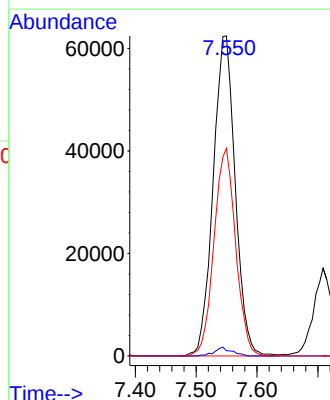
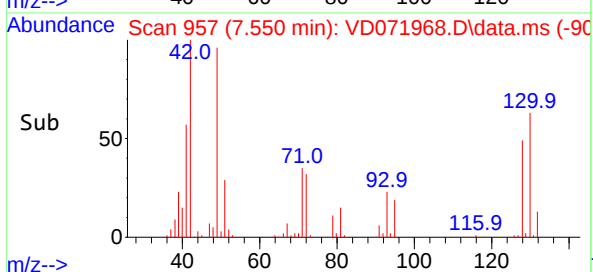
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

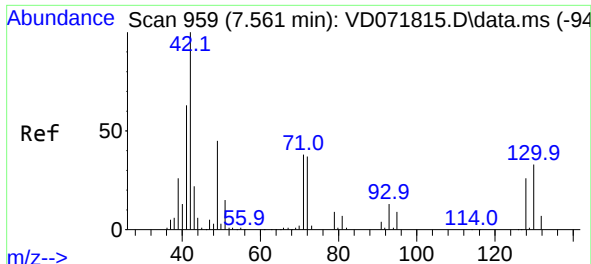


#28
Bromochloromethane
Concen: 54.277 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



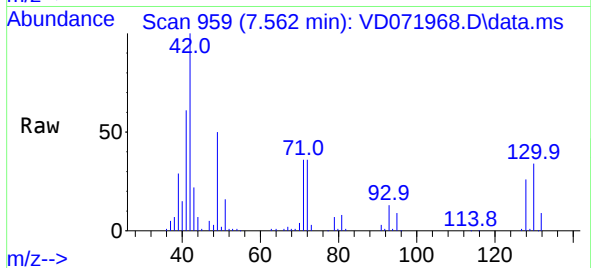
Tgt Ion: 49 Resp: 157190
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 63.6 52.6 79.0





#29
Tetrahydrofuran
Concen: 275.680 ug/l
RT: 7.562 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

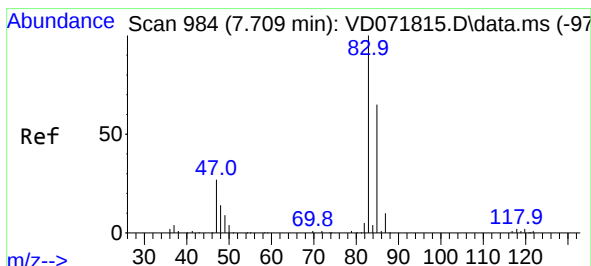
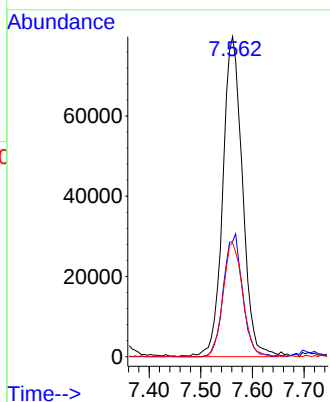
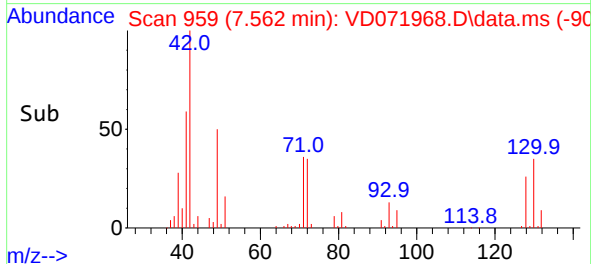
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



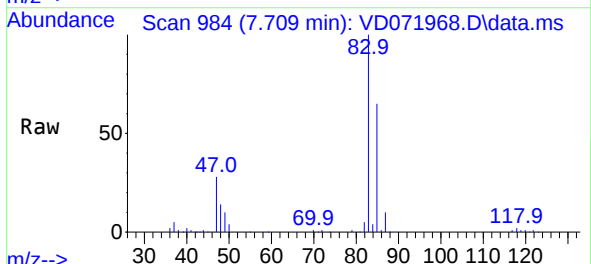
Tgt Ion: 42 Resp: 21116
Ion Ratio Lower Upper
42 100
72 36.9 30.7 46.1
71 35.6 28.6 43.0

Manual Integrations
APPROVED

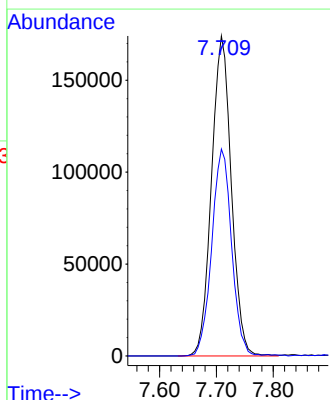
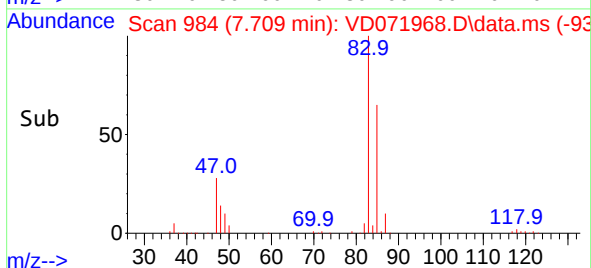
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

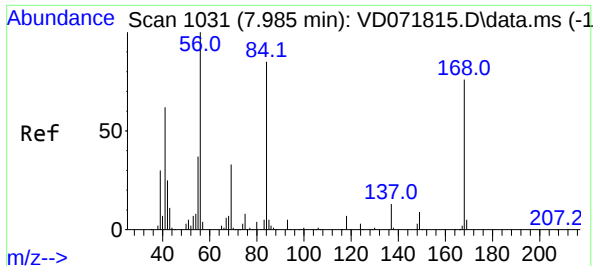


#30
Chloroform
Concen: 53.671 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



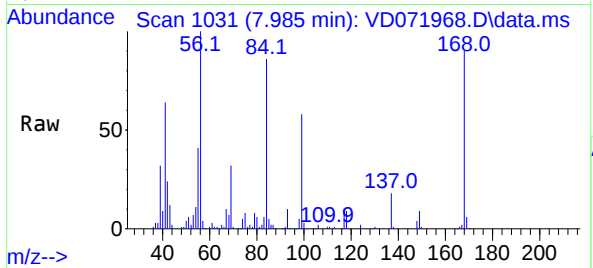
Tgt Ion: 83 Resp: 421017
Ion Ratio Lower Upper
83 100
85 64.6 52.7 79.1





#31
Cyclohexane
Concen: 45.674 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

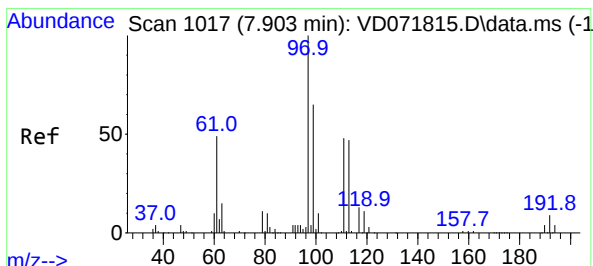
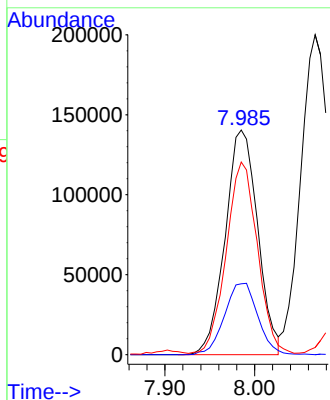
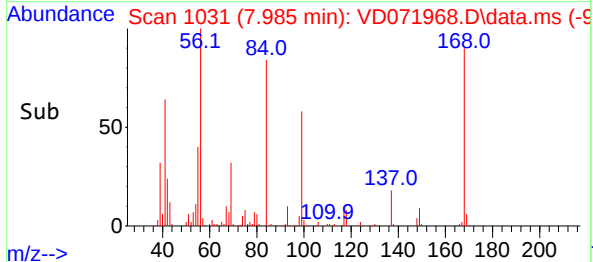
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



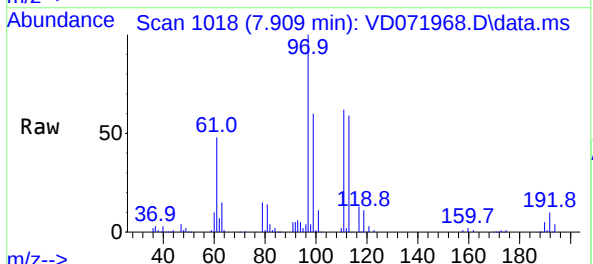
Tgt Ion: 56 Resp: 353725
Ion Ratio Lower Upper
56 100
69 31.1 25.4 38.2
84 84.4 63.0 94.4

Manual Integrations
APPROVED

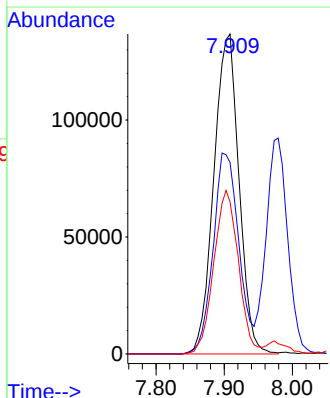
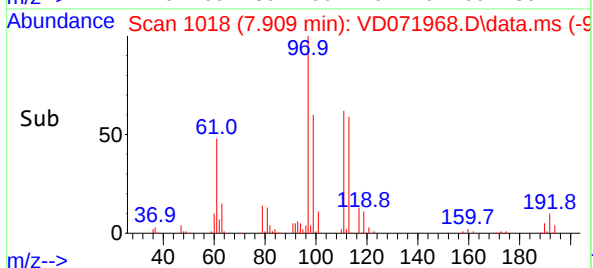
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

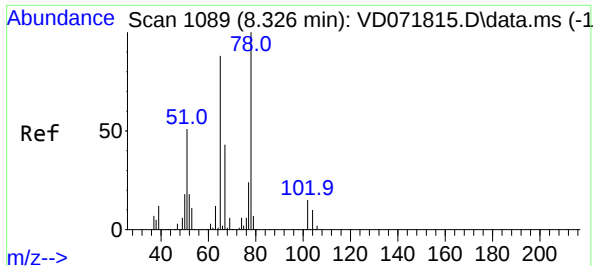


#32
1,1,1-Trichloroethane
Concen: 50.822 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



Tgt Ion: 97 Resp: 351639
Ion Ratio Lower Upper
97 100
99 64.3 52.4 78.6
61 50.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 55.902 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071968.D

Acq: 14 Feb 2022 20:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDC0050EC

Tgt Ion: 65 Resp: 226775

Ion Ratio Lower Upper

65 100

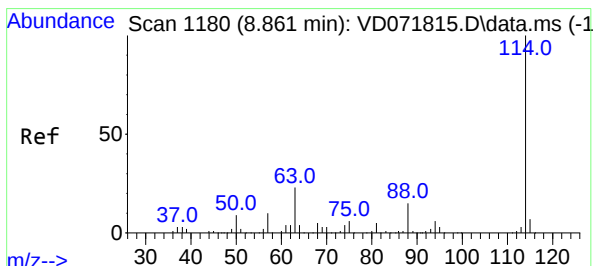
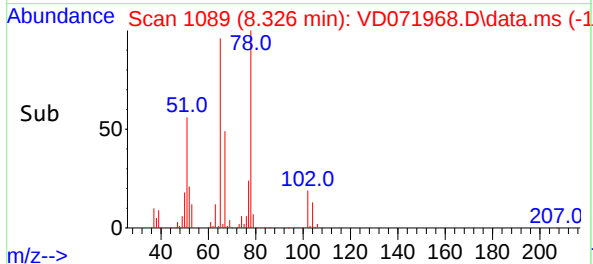
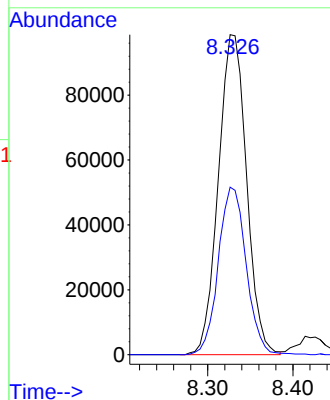
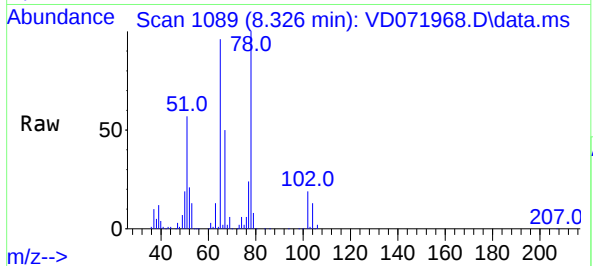
67 51.7 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Semsettin Yesilyurt 02/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071968.D

Acq: 14 Feb 2022 20:24

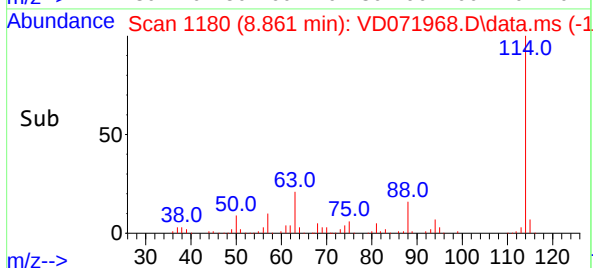
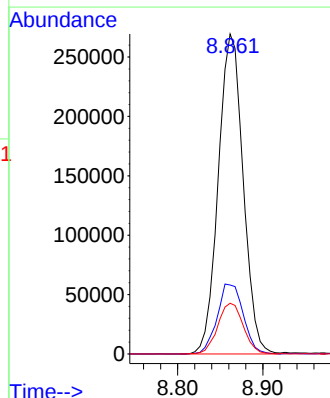
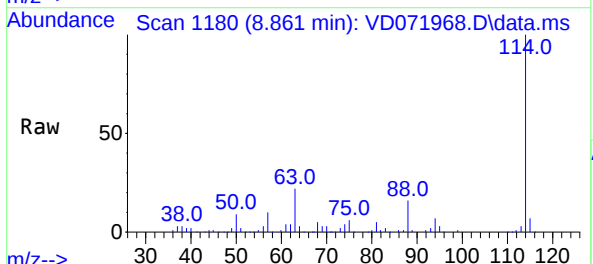
Tgt Ion:114 Resp: 545628

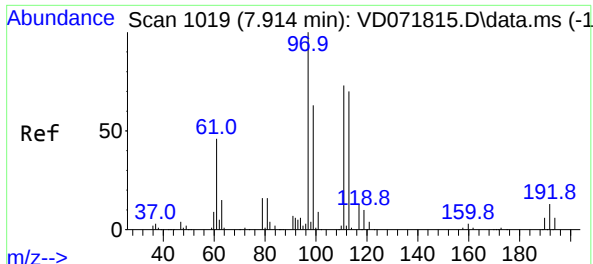
Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

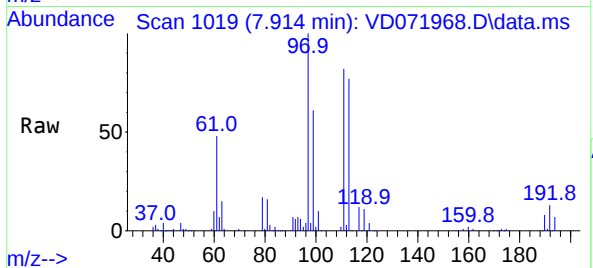
88 15.9 0.0 33.2





#35
Dibromofluoromethane
Concen: 56.645 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

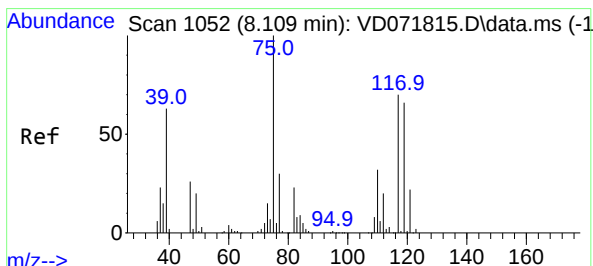
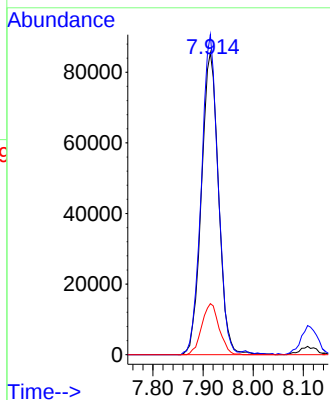
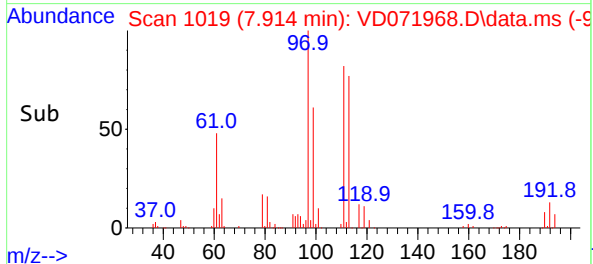
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



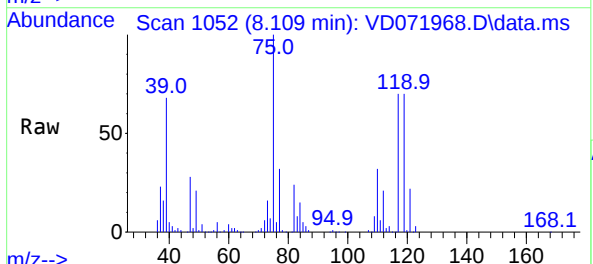
Tgt Ion: 113 Resp: 20316
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.2 14.6 21.8

Manual Integrations
APPROVED

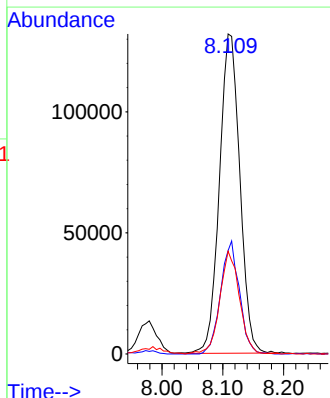
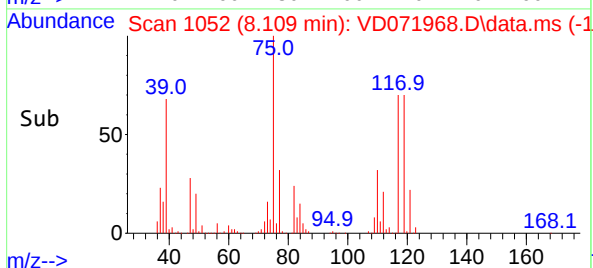
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

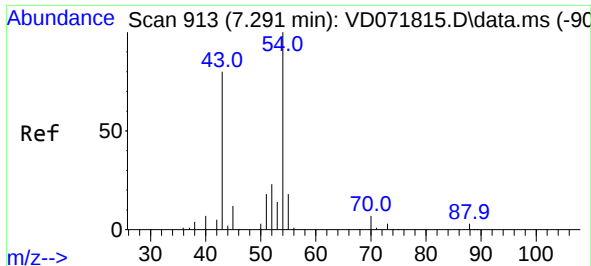


#36
1,1-Dichloropropene
Concen: 49.952 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



Tgt Ion: 75 Resp: 307497
Ion Ratio Lower Upper
75 100
110 32.6 16.4 49.1
77 31.0 24.2 36.2





#37

Ethyl Acetate

Concen: 53.911 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD071968.D

Acq: 14 Feb 2022 20:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 15429

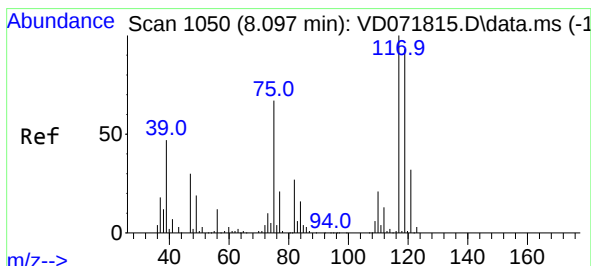
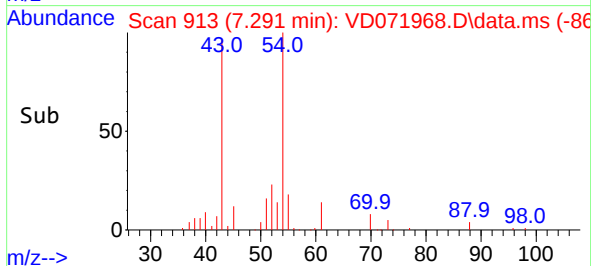
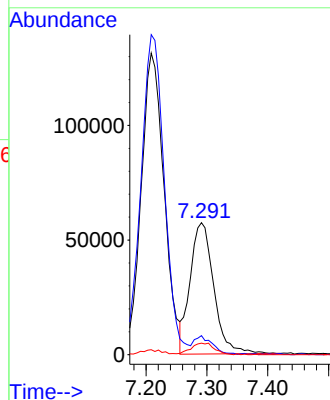
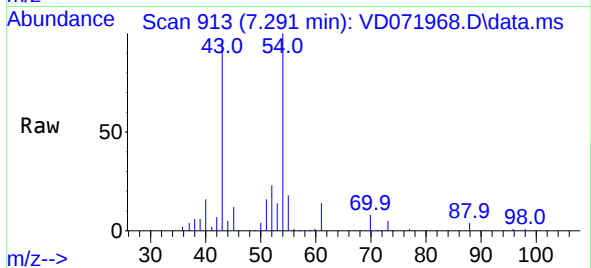
Ion	Ratio	Lower	Upper
43	100		
61	10.6	9.8	14.8
70	8.7	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Semsettin Yesilyurt 02/15/2022



#38

Carbon Tetrachloride

Concen: 49.630 ug/l

RT: 8.097 min Scan# 1050

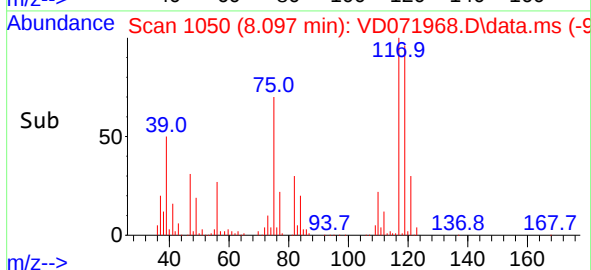
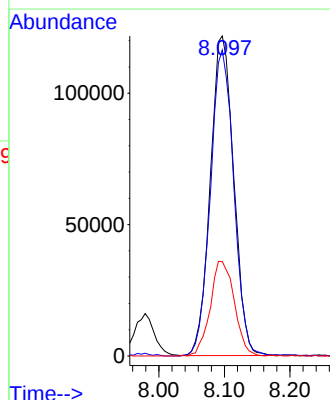
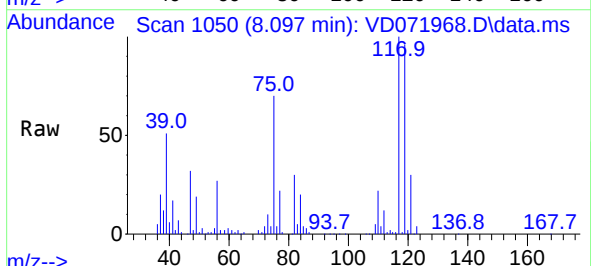
Delta R.T. 0.000 min

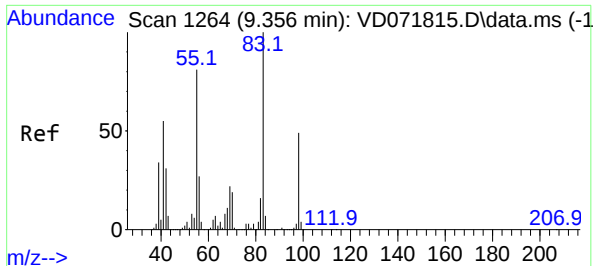
Lab File: VD071968.D

Acq: 14 Feb 2022 20:24

Tgt Ion:117 Resp: 302131

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.6
121	29.6	24.5	36.7





#39

Methylcyclohexane

Concen: 47.554 ug/l

RT: 9.356 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071968.D

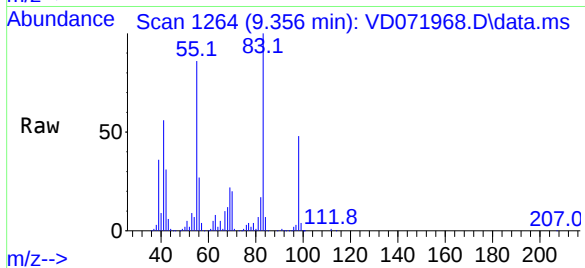
Acq: 14 Feb 2022 20:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 339189

Ion Ratio Lower Upper

83 100

55 86.3 63.2 94.8

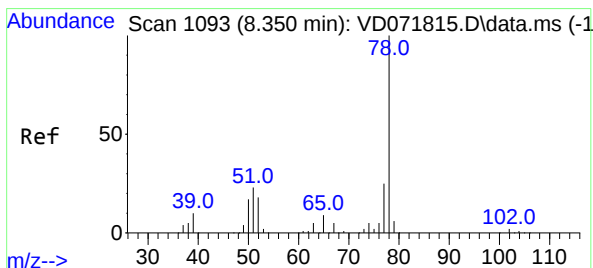
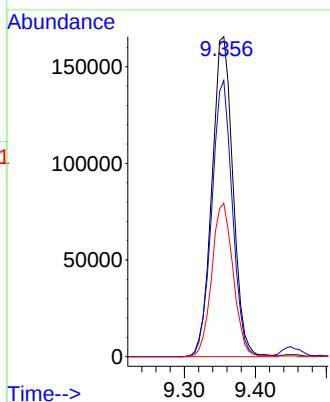
98 47.9 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Semsettin Yesilyurt 02/15/2022



#40

Benzene

Concen: 52.970 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD071968.D

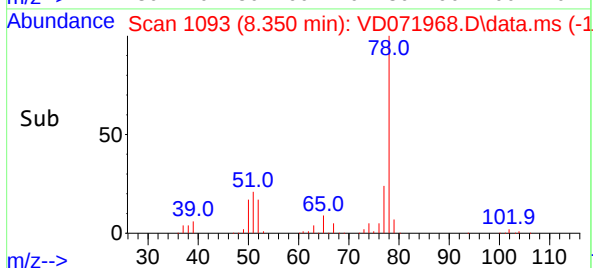
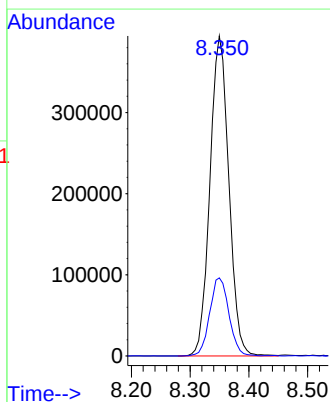
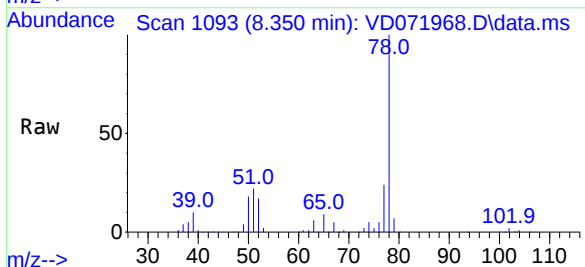
Acq: 14 Feb 2022 20:24

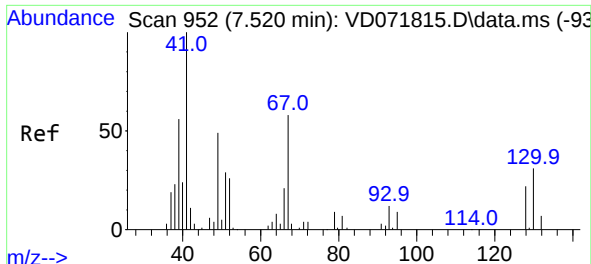
Tgt Ion: 78 Resp: 880188

Ion Ratio Lower Upper

78 100

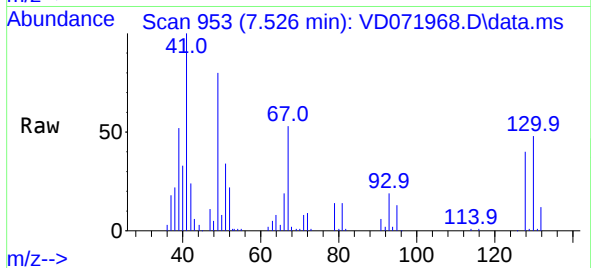
77 24.4 19.1 28.7





#41
Methacrylonitrile
Concen: 52.219 ug/l
RT: 7.526 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

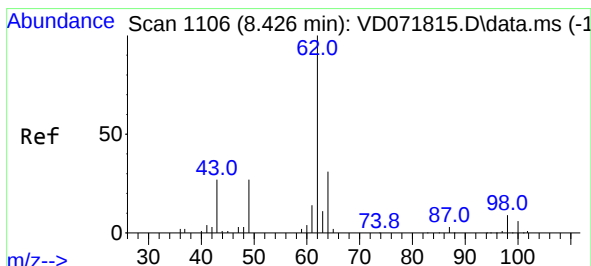
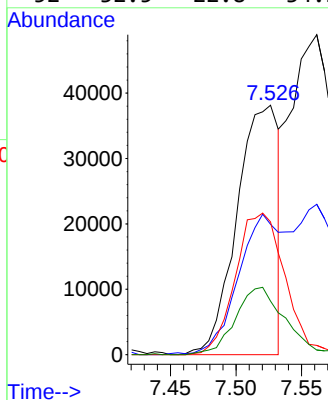
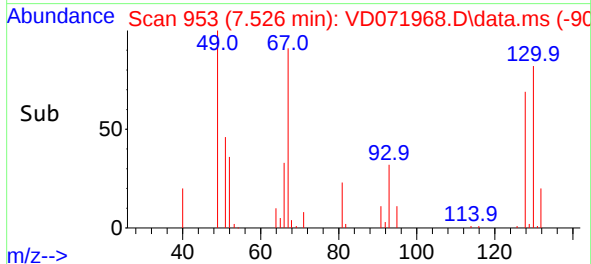
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



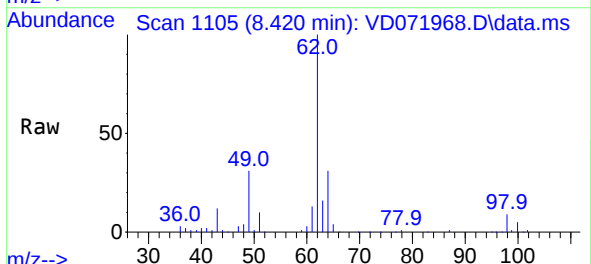
Tgt Ion: 41 Resp: 84550
Ion Ratio Lower Upper
41 100
39 61.5 44.6 67.0
67 67.2 48.2 72.4
52 32.5 22.8 34.2

Manual Integrations
APPROVED

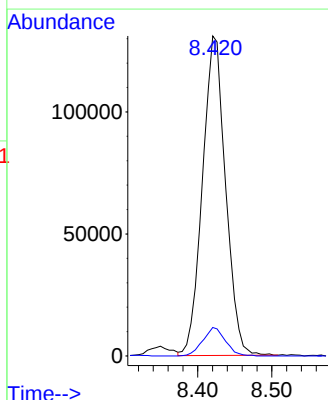
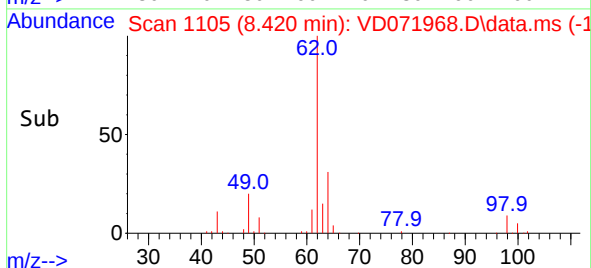
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

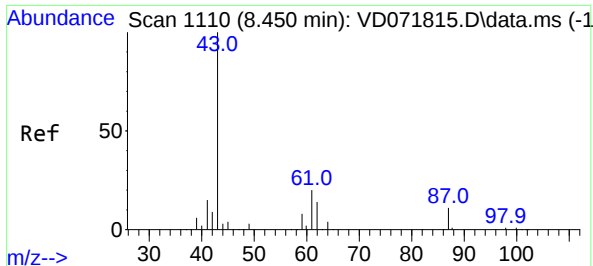


#42
1,2-Dichloroethane
Concen: 54.106 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



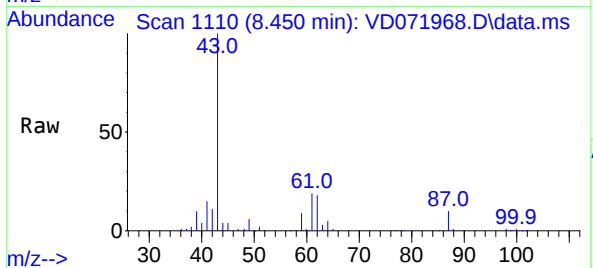
Tgt Ion: 62 Resp: 283899
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 54.431 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

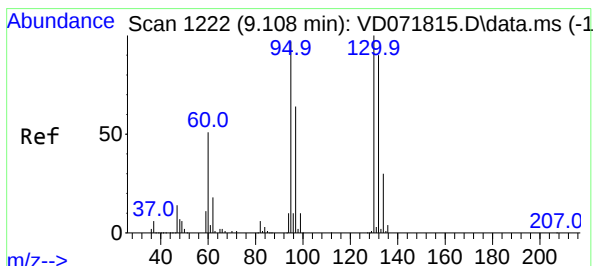
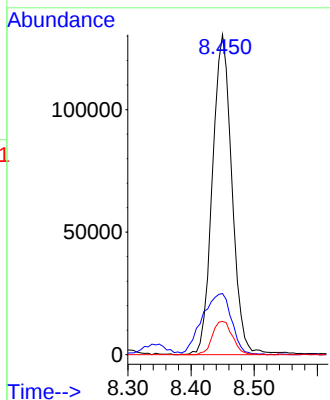
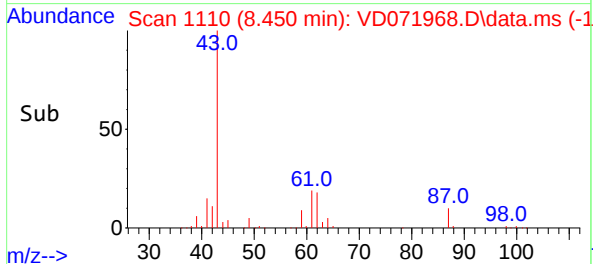
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



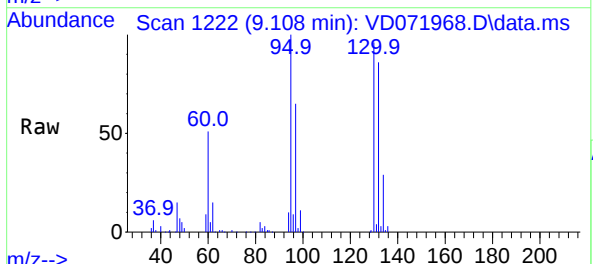
Tgt Ion: 43 Resp: 27998
Ion Ratio Lower Upper
43 100
61 28.9 22.4 33.6
87 10.7 8.7 13.1

Manual Integrations
APPROVED

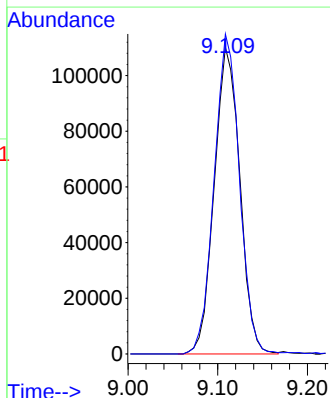
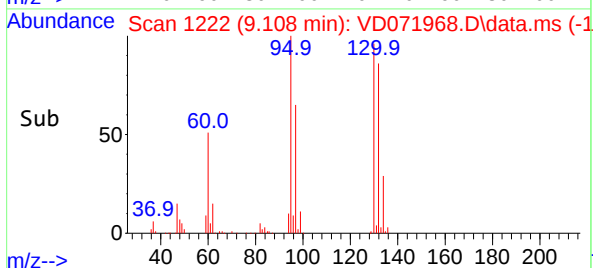
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

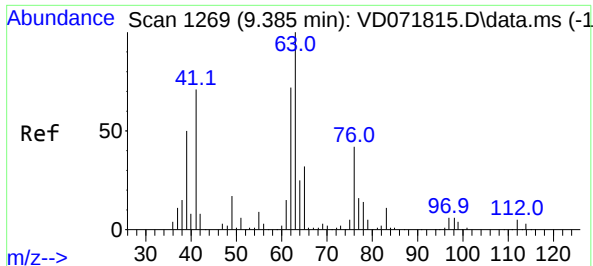


#44
Trichloroethene
Concen: 50.860 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



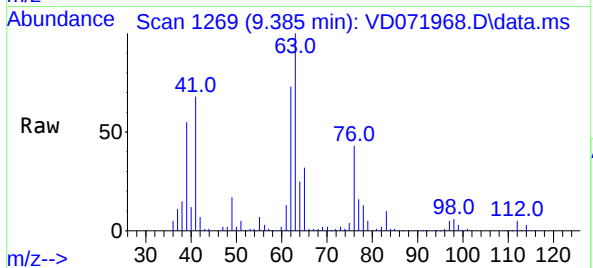
Tgt Ion:130 Resp: 218211
Ion Ratio Lower Upper
130 100
95 104.3 0.0 205.4





#45
1,2-Dichloropropane
Concen: 54.974 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

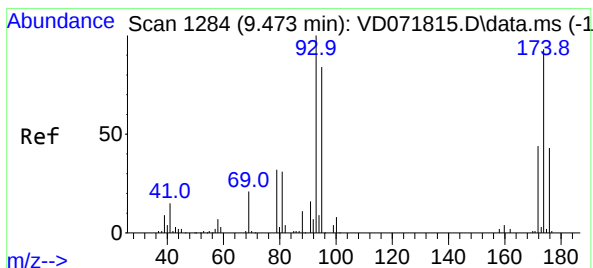
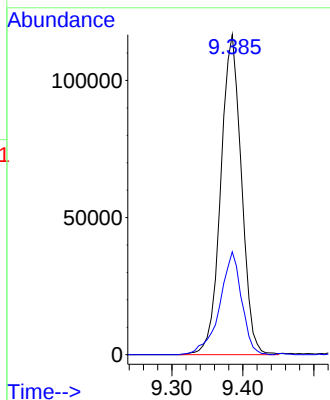
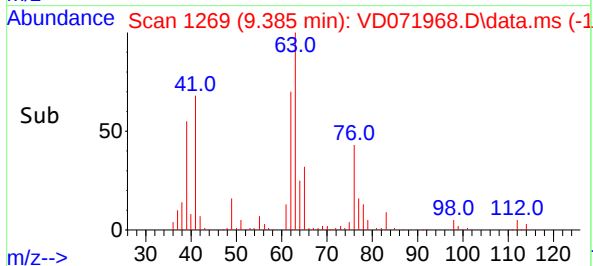
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



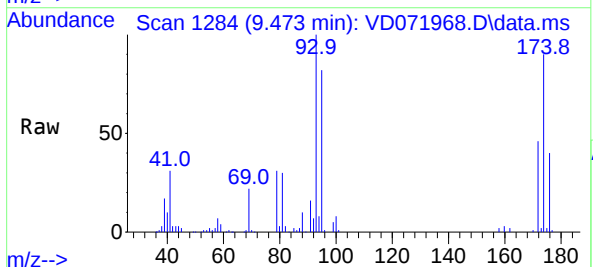
Tgt Ion: 63 Resp: 23554
Ion Ratio Lower Upper
63 100
65 32.2 26.2 39.4

Manual Integrations
APPROVED

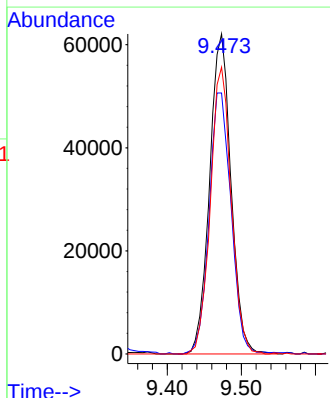
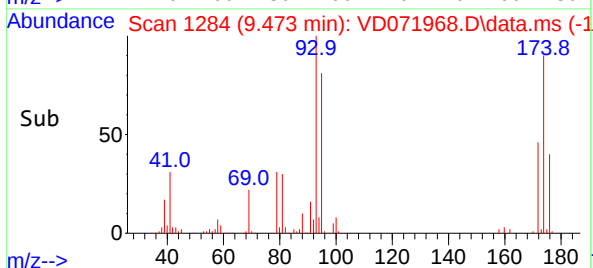
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

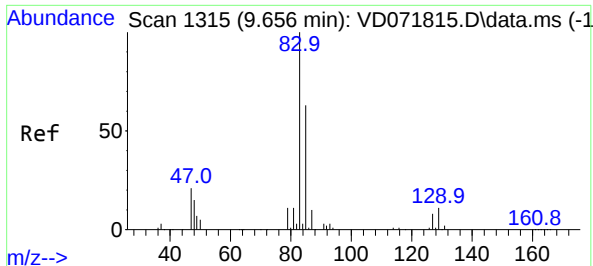


#46
Dibromomethane
Concen: 55.558 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



Tgt Ion: 93 Resp: 124640
Ion Ratio Lower Upper
93 100
95 83.9 66.7 100.1
174 87.3 71.6 107.4





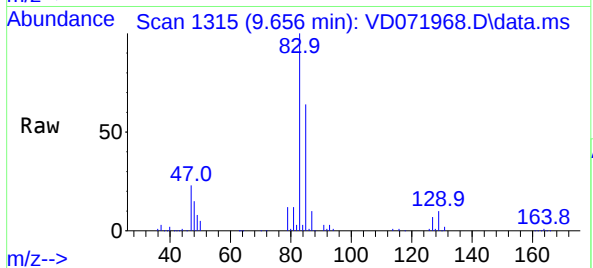
#47
Bromodichloromethane
Concen: 55.382 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



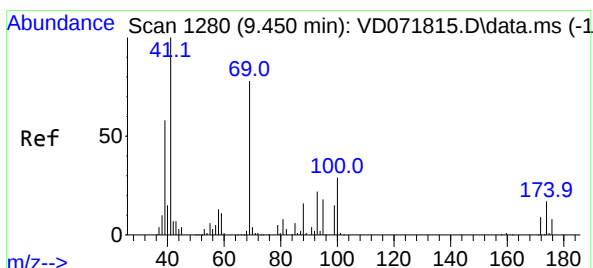
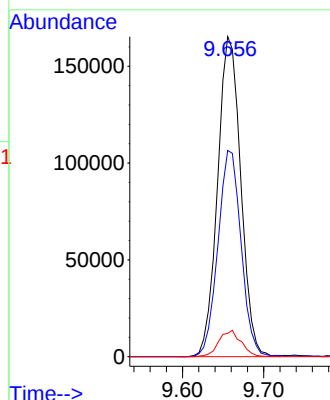
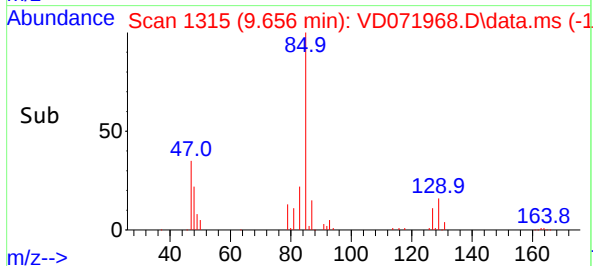
Tgt Ion: 83 Resp: 328592
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.0
127 7.3 6.1 9.1

Manual Integrations

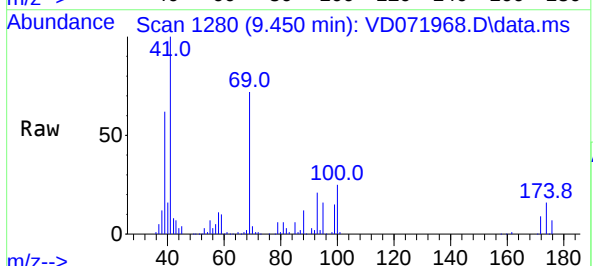
APPROVED

Reviewed By :John Carlone 02/15/2022

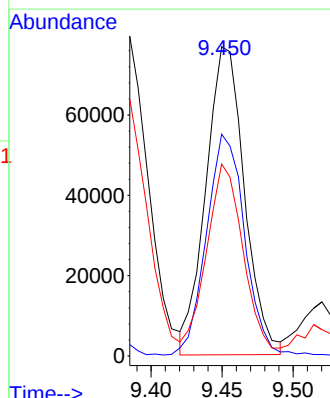
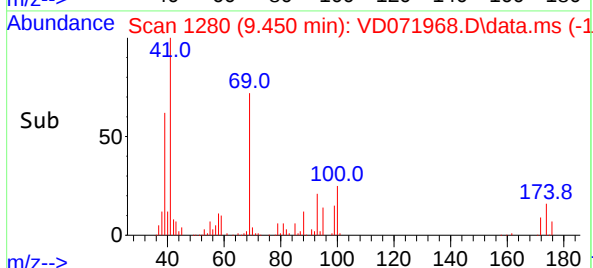
Supervised By :Semsettin Yesilyurt 02/15/2022

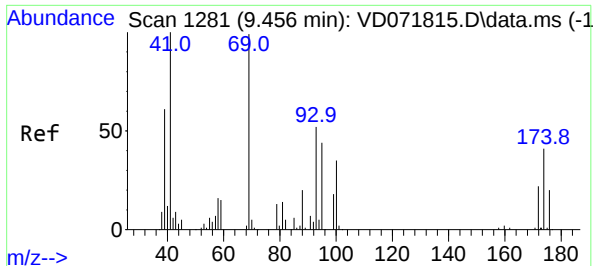


#48
Methyl methacrylate
Concen: 53.338 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



Tgt Ion: 41 Resp: 145204
Ion Ratio Lower Upper
41 100
69 71.0 56.7 85.1
39 59.4 42.7 64.1





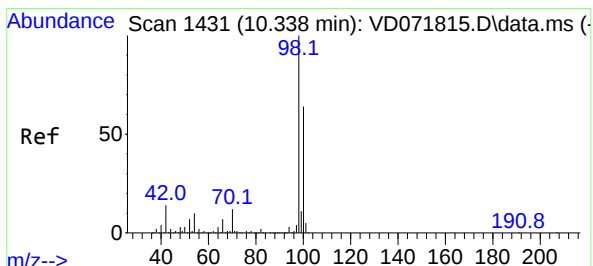
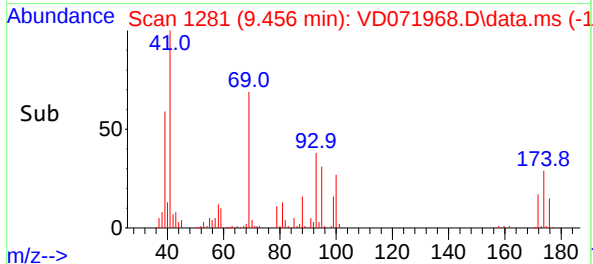
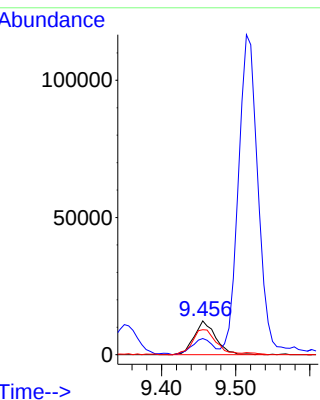
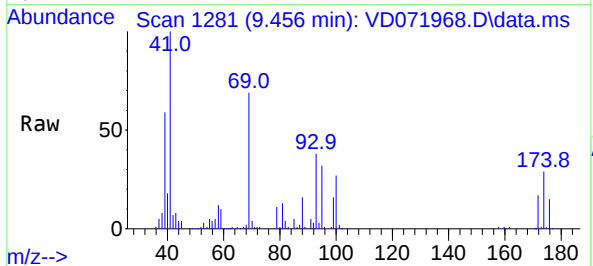
#49
1,4-Dioxane
Concen: 966.043 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 2473
Ion Ratio Lower Upper
88 100
43 47.6 31.0 46.4
58 82.4 58.1 87.1

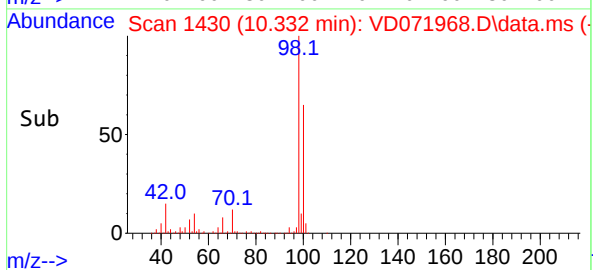
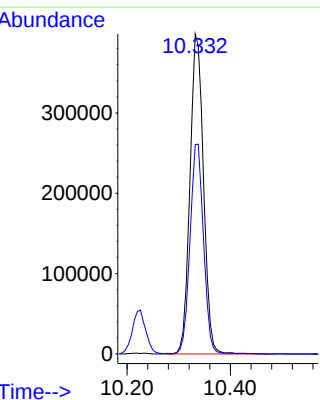
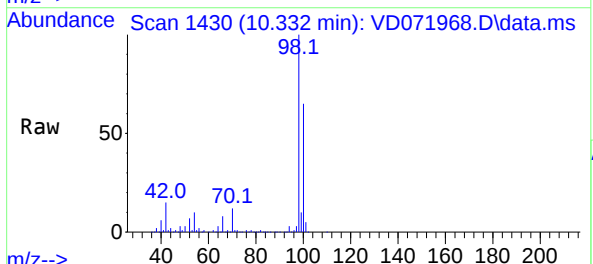
Manual Integrations
APPROVED

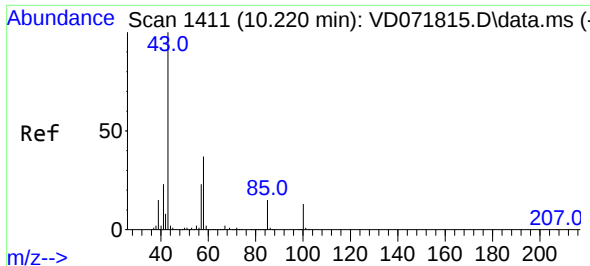
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022



#50
Toluene-d8
Concen: 53.939 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

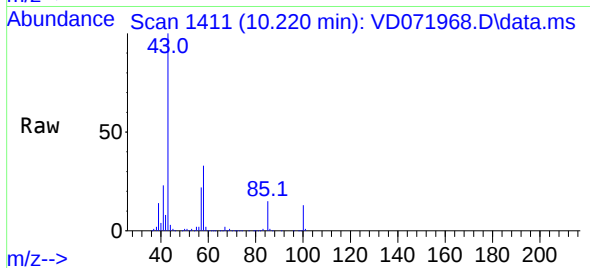
Tgt Ion: 98 Resp: 722498
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 284.106 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

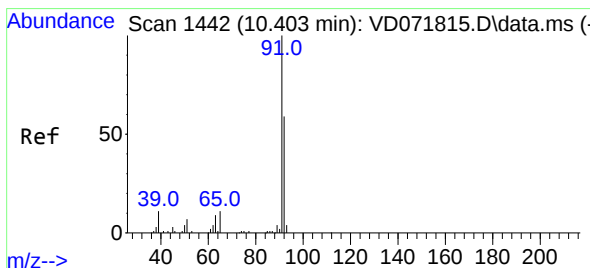
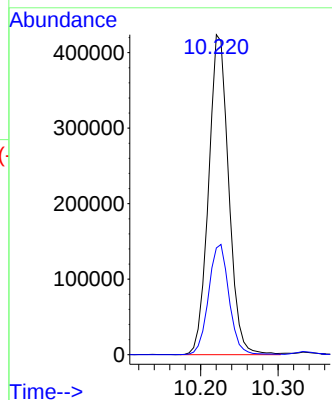
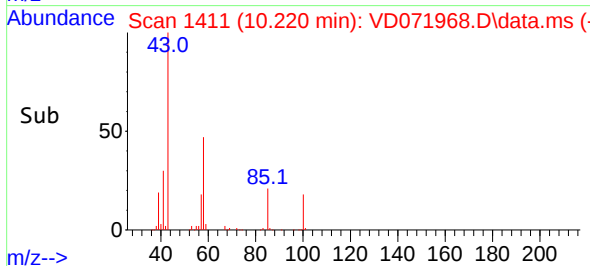
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 764770
Ion Ratio Lower Upper
43 100
58 35.0 28.6 43.0

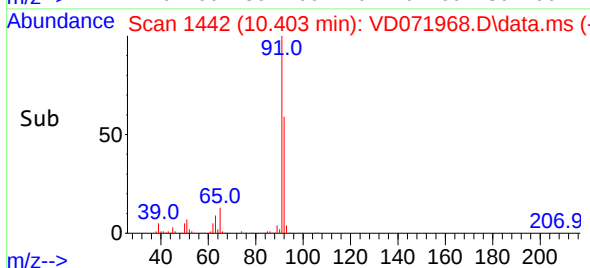
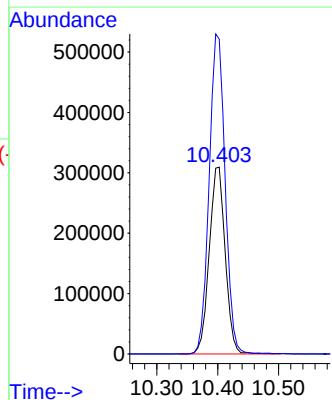
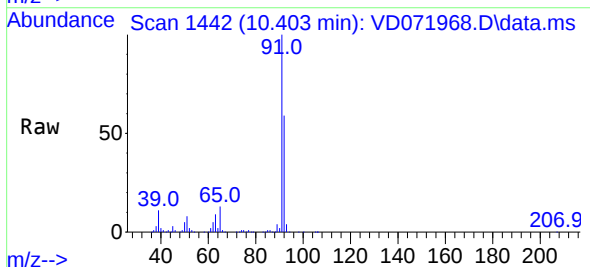
Manual Integrations
APPROVED

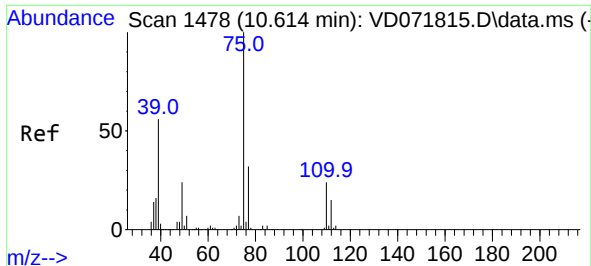
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022



#52
Toluene
Concen: 54.506 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

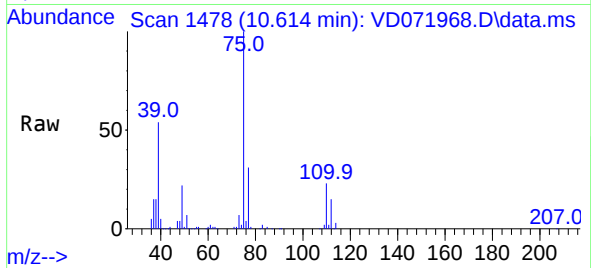
Tgt Ion: 92 Resp: 563199
Ion Ratio Lower Upper
92 100
91 171.6 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 54.426 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

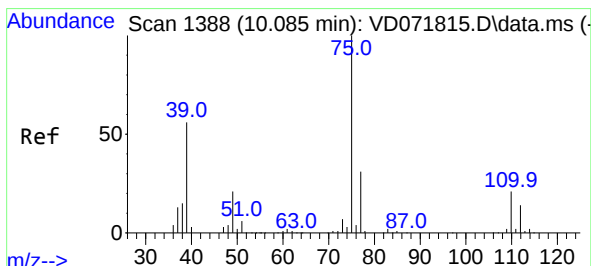
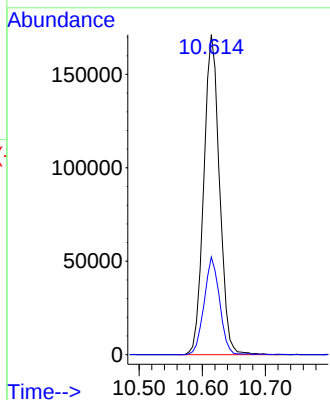
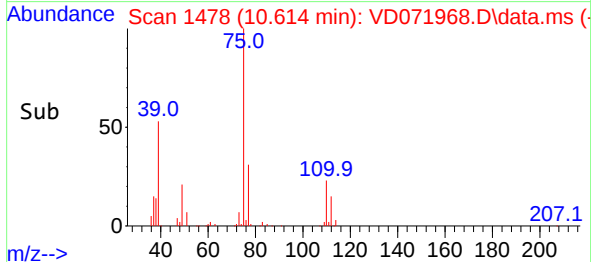
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



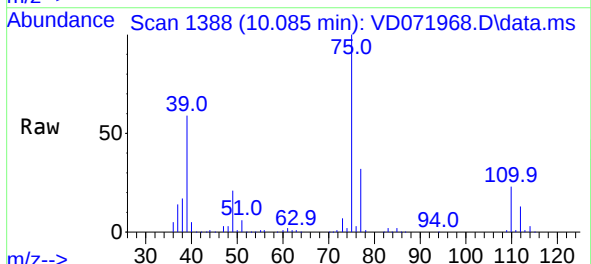
Tgt Ion: 75 Resp: 29658
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7

Manual Integrations
APPROVED

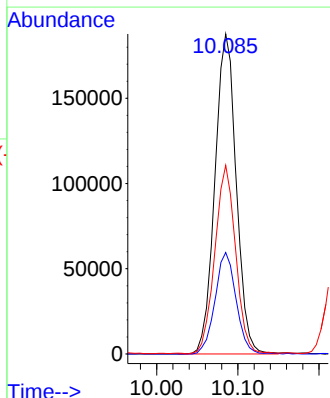
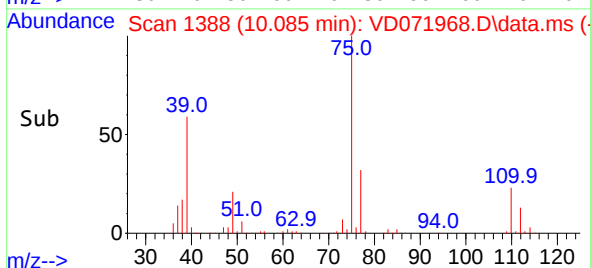
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

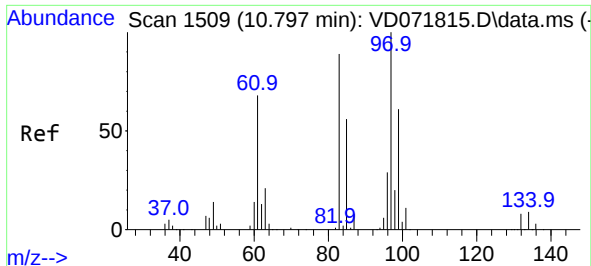


#54
cis-1,3-Dichloropropene
Concen: 53.634 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



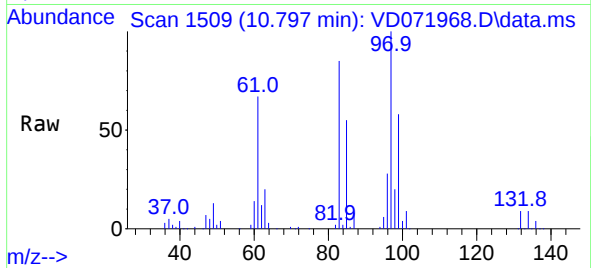
Tgt Ion: 75 Resp: 342596
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 58.7 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 56.107 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

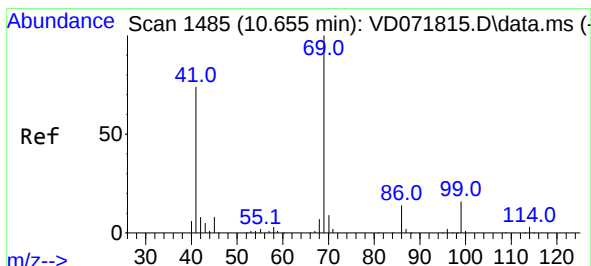
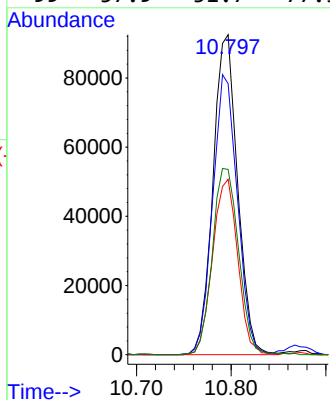
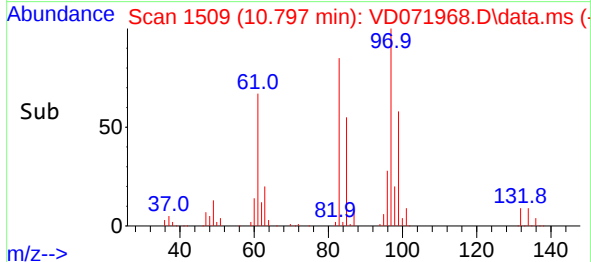


Tgt Ion: 97 Resp: 16705

Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.0	103.4
85	54.8	42.6	63.8
99	57.9	51.7	77.5

Manual Integrations
APPROVED

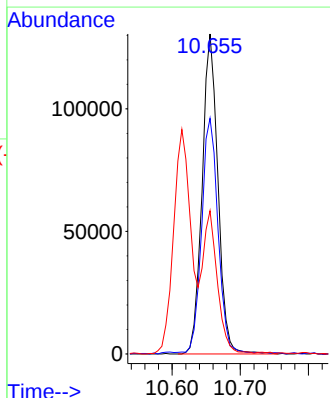
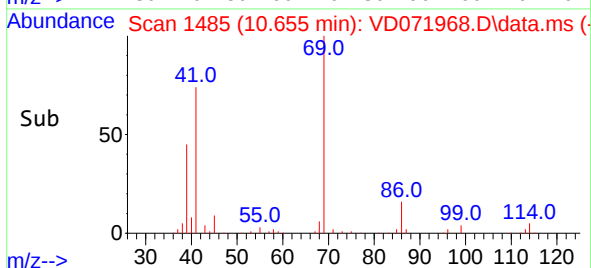
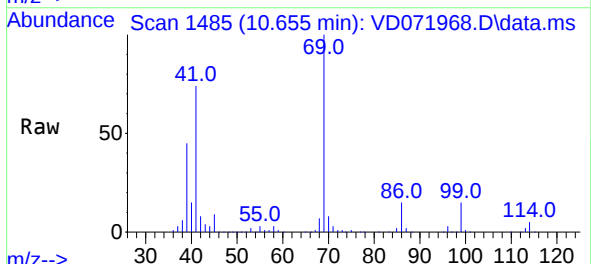
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

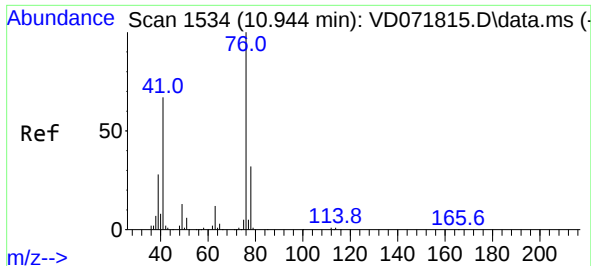


#56
Ethyl methacrylate
Concen: 57.182 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

Tgt Ion: 69 Resp: 210796

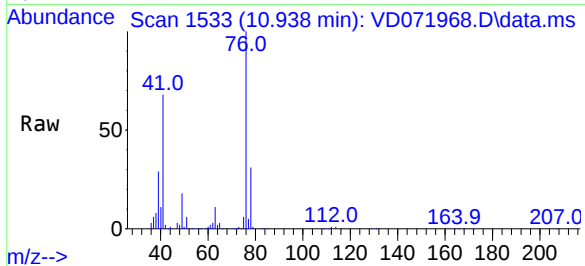
Ion	Ratio	Lower	Upper
69	100		
41	77.5	63.0	94.6
39	40.4	33.8	50.8





#57
1,3-Dichloropropane
Concen: 55.737 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

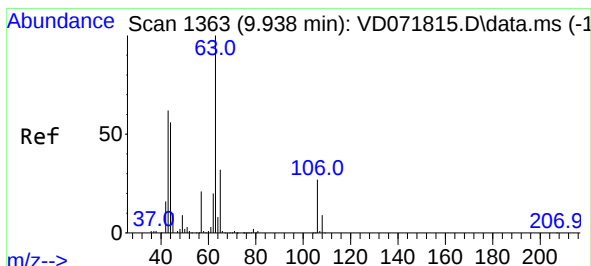
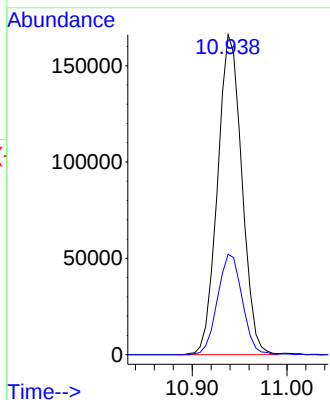
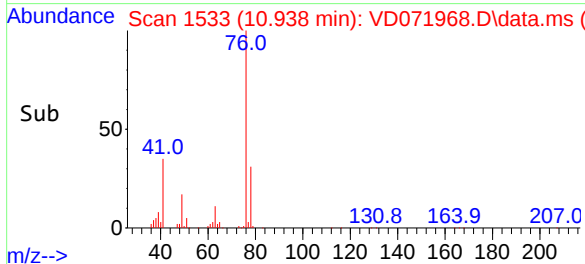
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



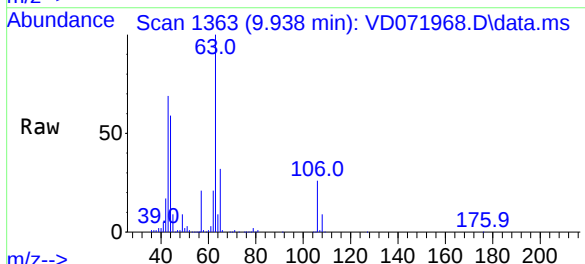
Tgt Ion: 76 Resp: 296269
Ion Ratio Lower Upper
76 100
78 32.0 26.0 39.0

Manual Integrations
APPROVED

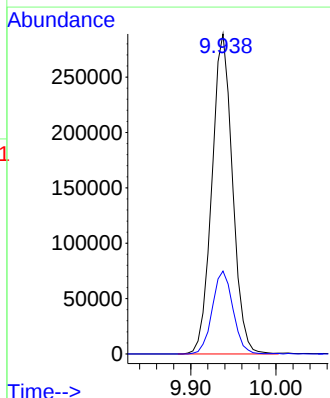
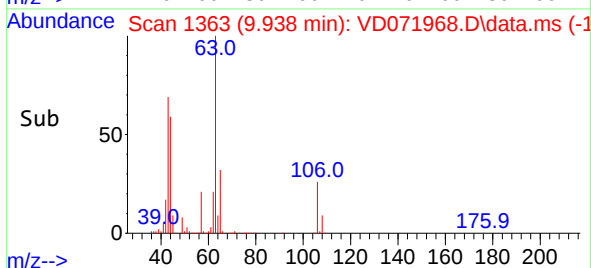
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

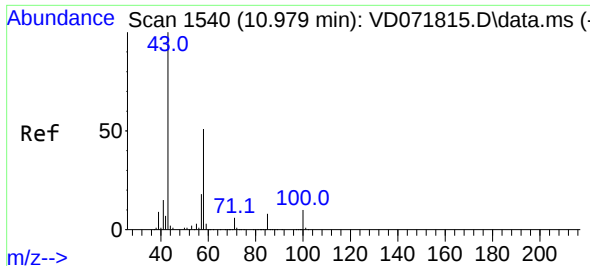


#58
2-Chloroethyl Vinyl ether
Concen: 279.503 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



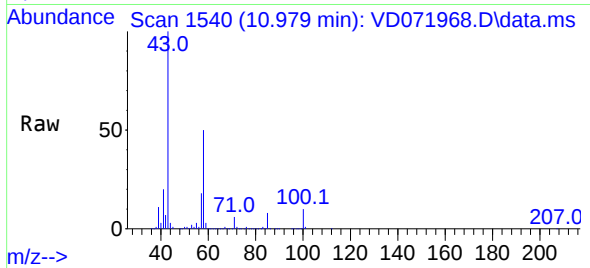
Tgt Ion: 63 Resp: 485047
Ion Ratio Lower Upper
63 100
106 25.9 21.4 32.0





#59
2-Hexanone
Concen: 269.389 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

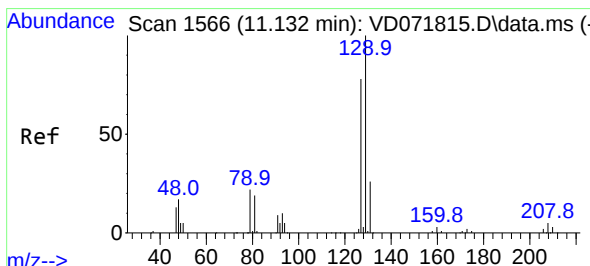
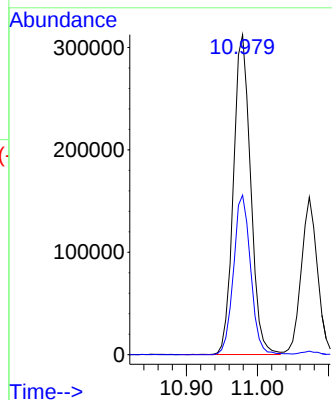
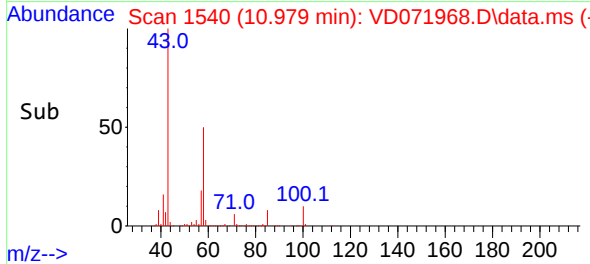
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



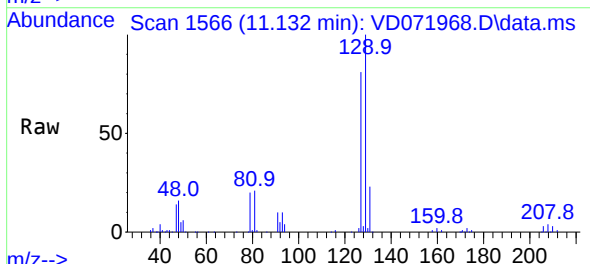
Tgt Ion: 43 Resp: 52632
Ion Ratio Lower Upper
43 100
58 49.7 25.3 75.9

Manual Integrations
APPROVED

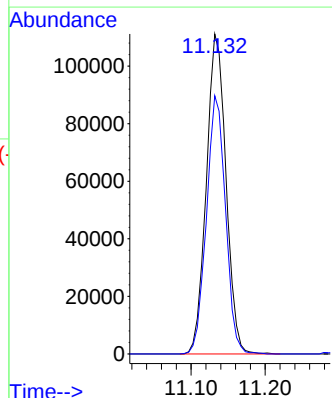
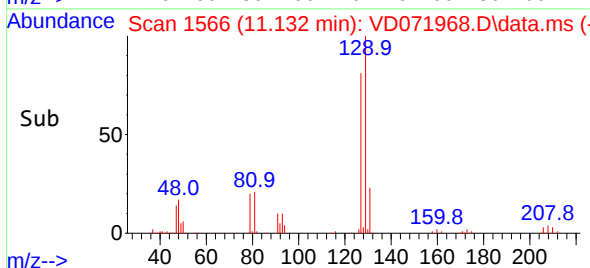
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

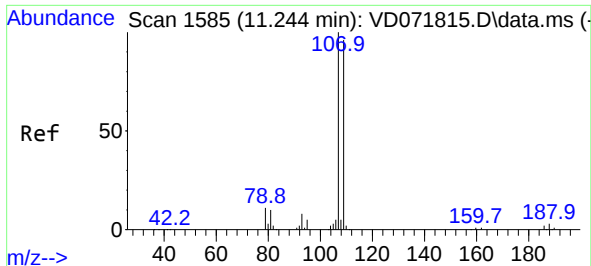


#60
Dibromochloromethane
Concen: 55.712 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



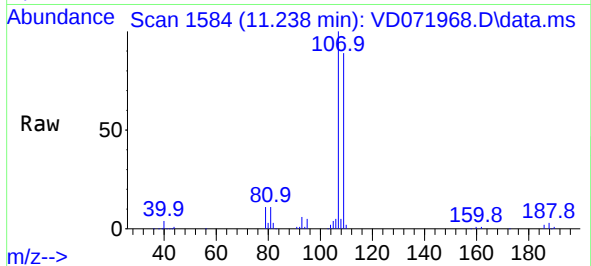
Tgt Ion:129 Resp: 204838
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 53.640 ug/l
RT: 11.238 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

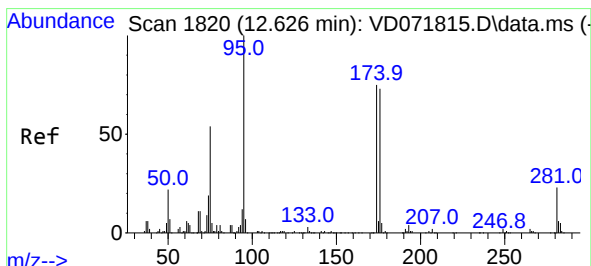
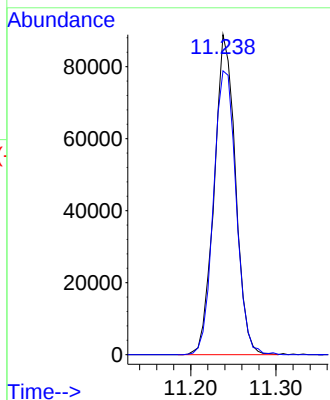
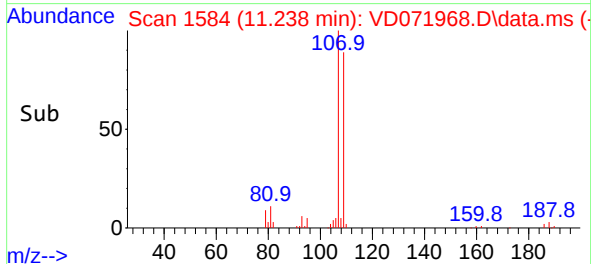
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



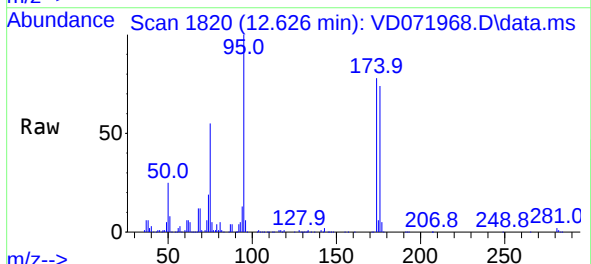
Tgt Ion:107 Resp: 153870
Ion Ratio Lower Upper
107 100
109 94.7 74.2 111.4

Manual Integrations
APPROVED

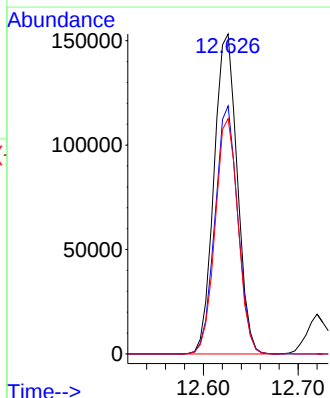
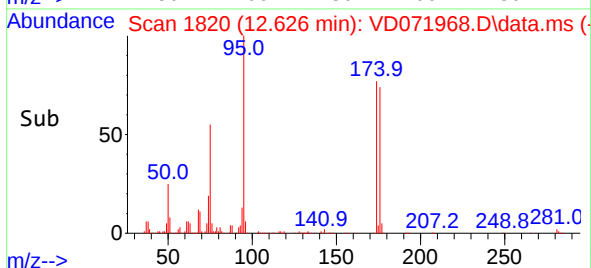
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

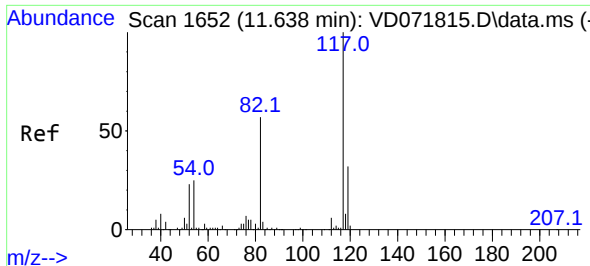


#62
4-Bromofluorobenzene
Concen: 55.867 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



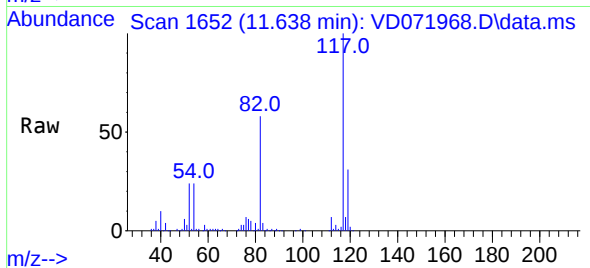
Tgt Ion: 95 Resp: 261324
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 72.3 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

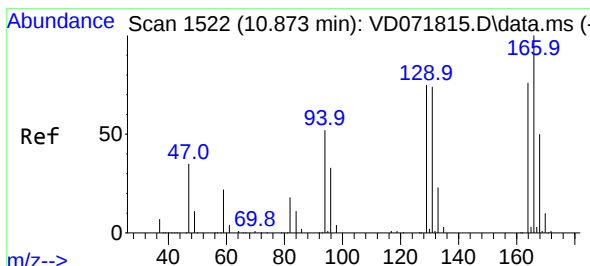
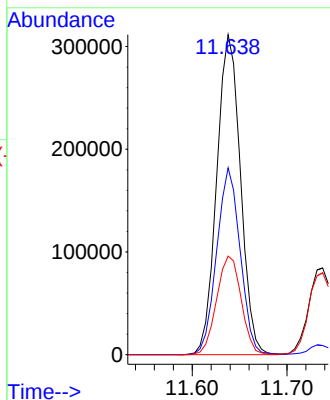
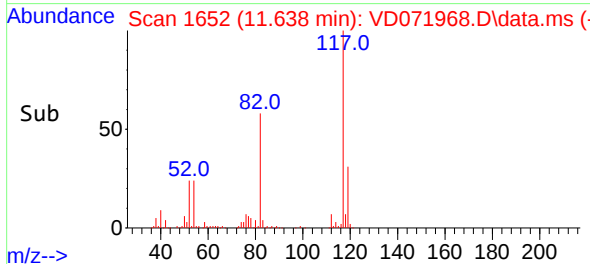
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



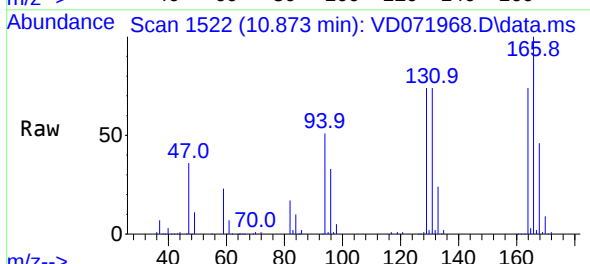
Tgt Ion:117 Resp: 543589
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 30.8 26.6 40.0

Manual Integrations
APPROVED

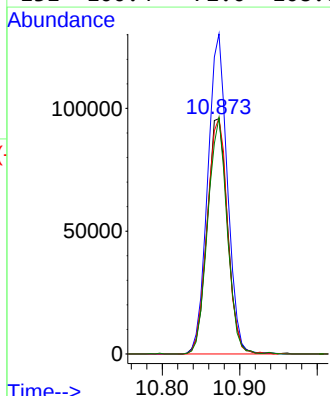
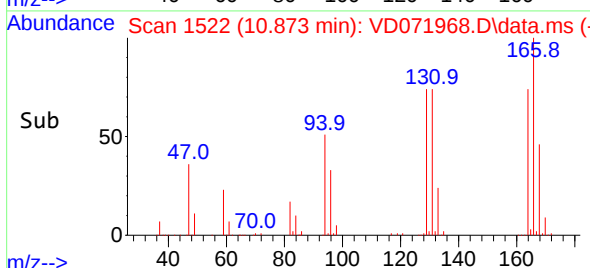
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

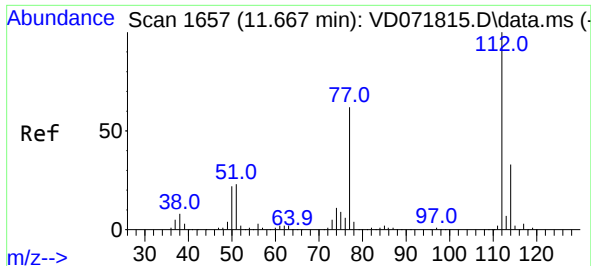


#64
Tetrachloroethene
Concen: 45.729 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



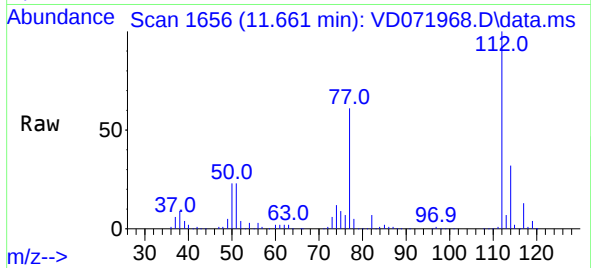
Tgt Ion:164 Resp: 175832
Ion Ratio Lower Upper
164 100
166 135.9 98.5 147.7
129 100.3 74.6 111.8
131 100.4 72.0 108.0





#65
Chlorobenzene
Concen: 50.476 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

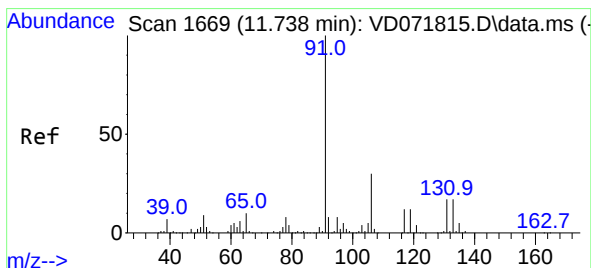
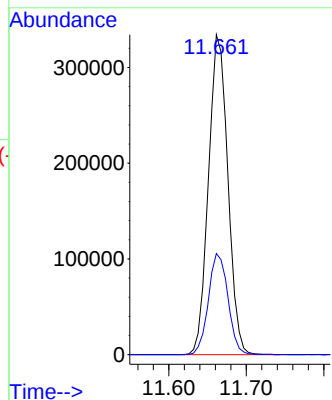
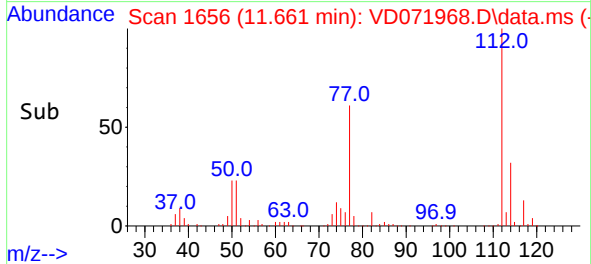
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



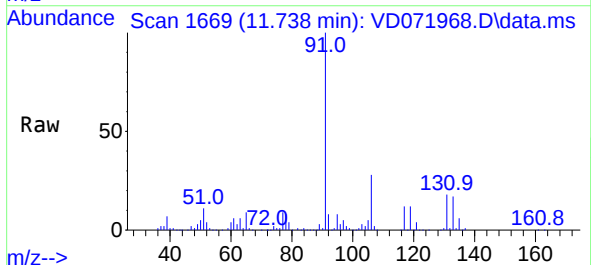
Tgt Ion:112 Resp: 580473
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

Manual Integrations
APPROVED

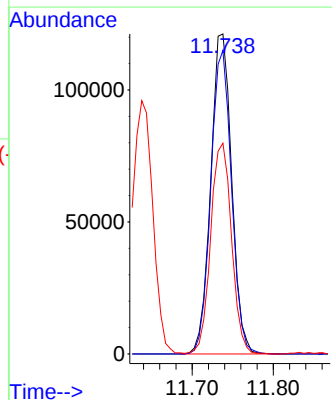
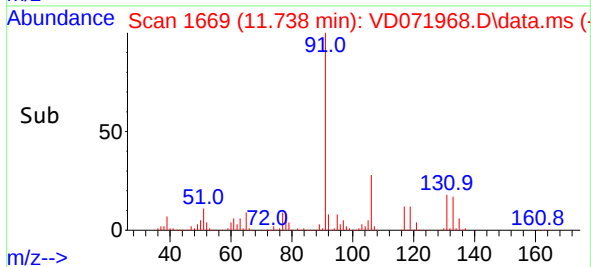
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

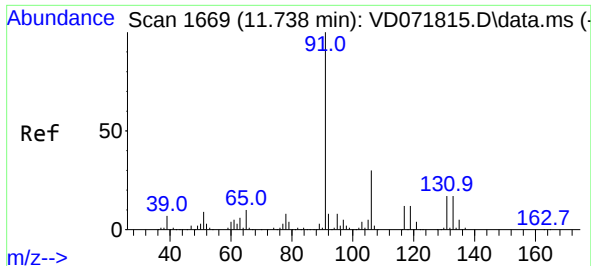


#66
1,1,1,2-Tetrachloroethane
Concen: 51.908 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



Tgt Ion:131 Resp: 217165
Ion Ratio Lower Upper
131 100
133 93.5 48.1 144.3
119 65.6 31.9 95.9





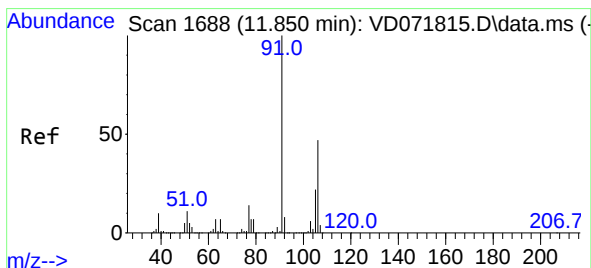
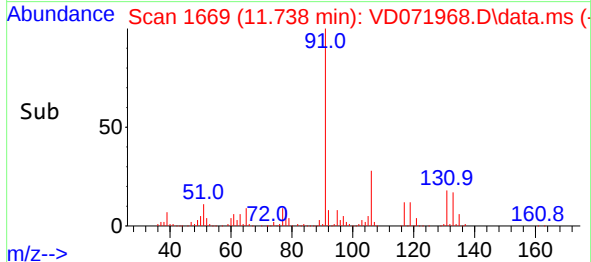
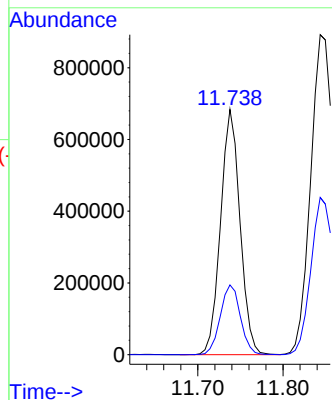
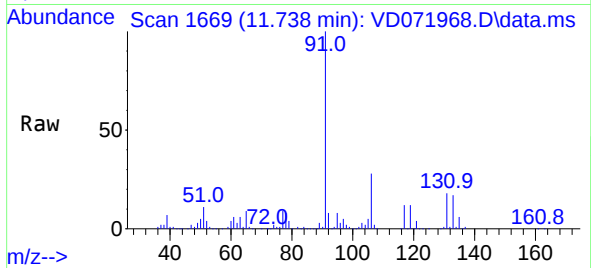
#67
Ethyl Benzene
Concen: 51.248 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1084436
Ion Ratio Lower Upper
91 100
106 28.4 24.2 36.4

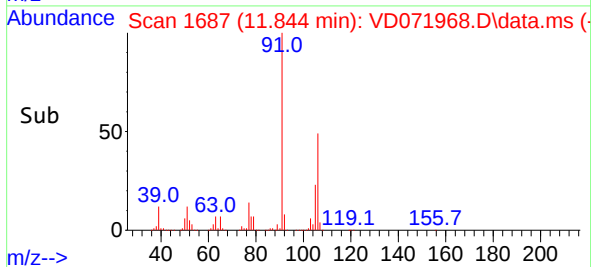
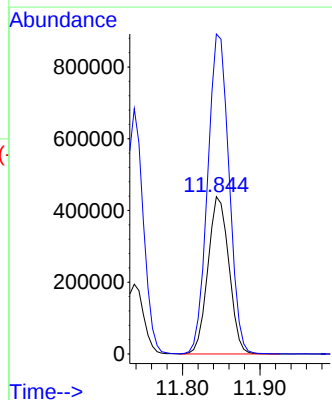
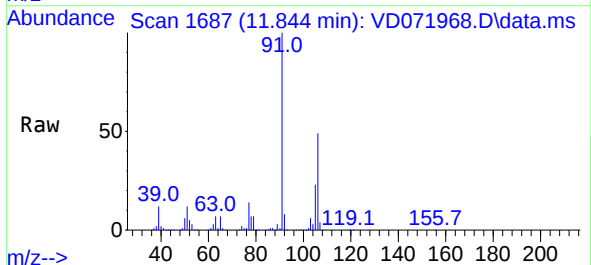
Manual Integrations
APPROVED

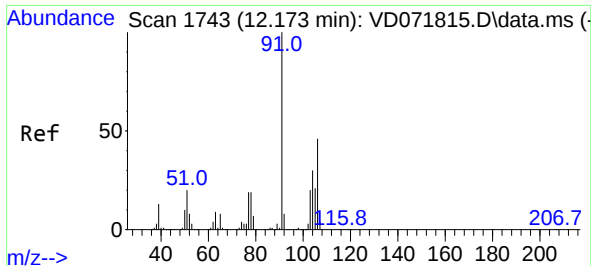
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022



#68
m/p-Xylenes
Concen: 102.415 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

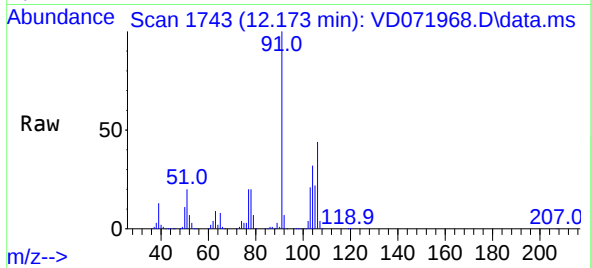
Tgt Ion:106 Resp: 824305
Ion Ratio Lower Upper
106 100
91 207.3 163.7 245.5





#69
o-Xylene
Concen: 52.047 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

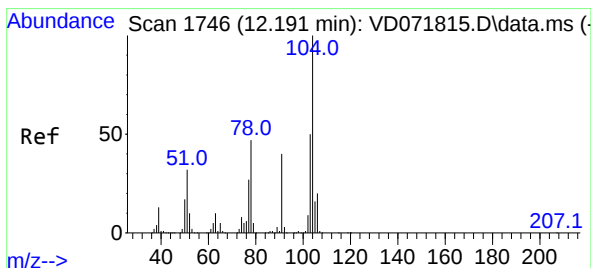
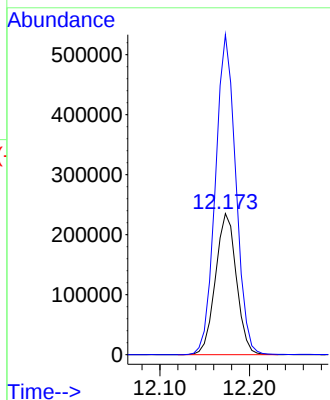
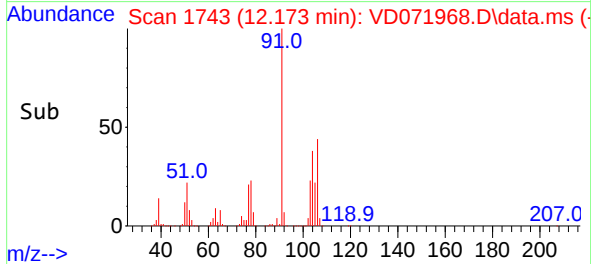
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



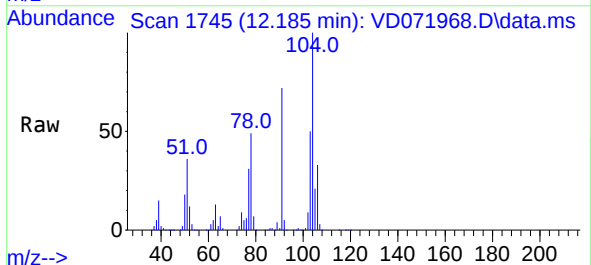
Tgt Ion:106 Resp: 380689
Ion Ratio Lower Upper
106 100
91 221.3 110.4 331.2

Manual Integrations
APPROVED

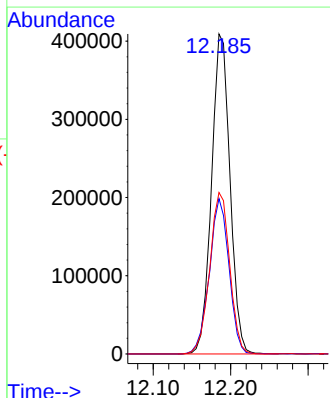
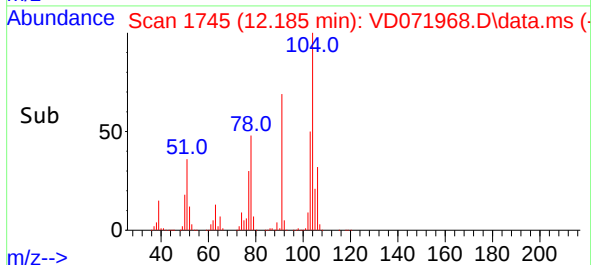
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

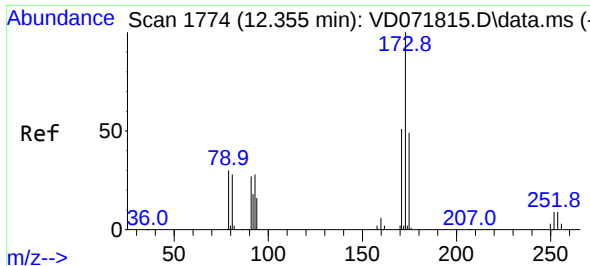


#70
Styrene
Concen: 53.693 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



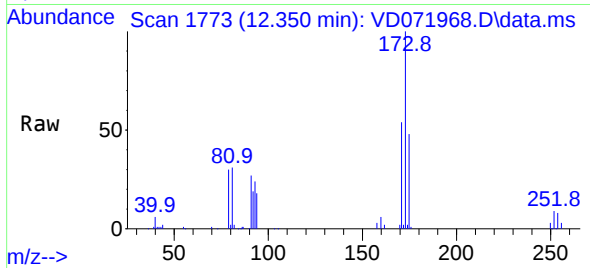
Tgt Ion:104 Resp: 676928
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.8
103 54.5 44.2 66.4





#71
Bromoform
Concen: 50.845 ug/l
RT: 12.350 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

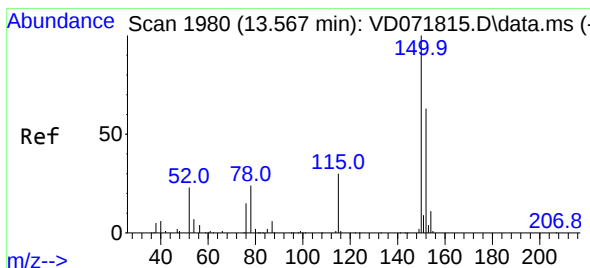
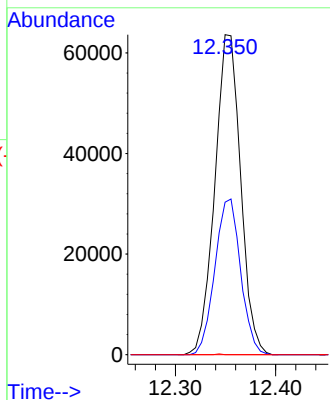
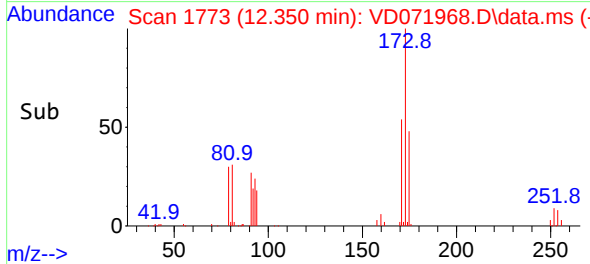
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



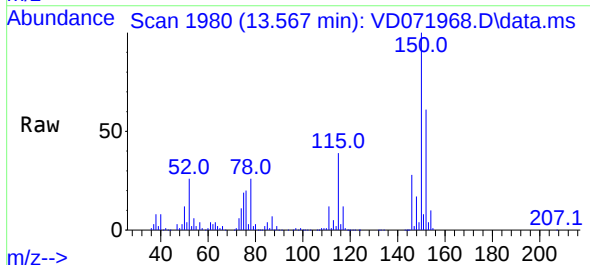
Tgt Ion:173 Resp: 113570
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

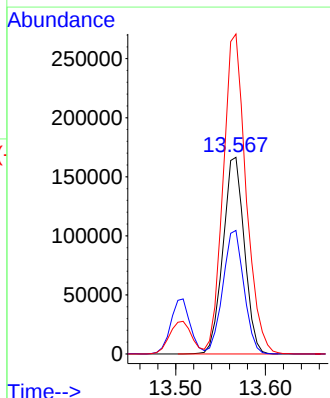
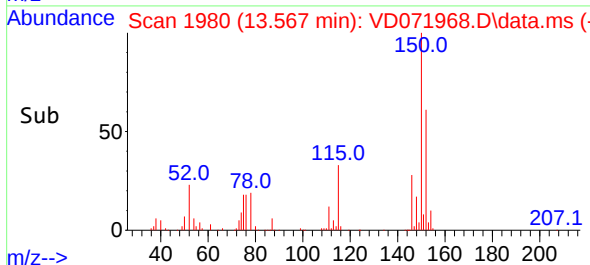
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

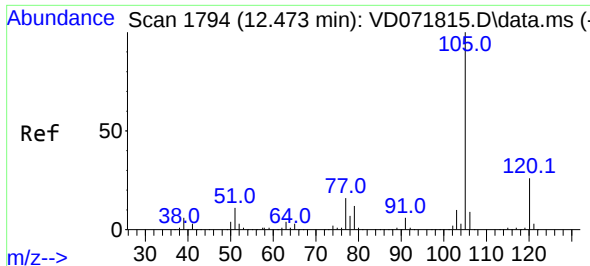


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



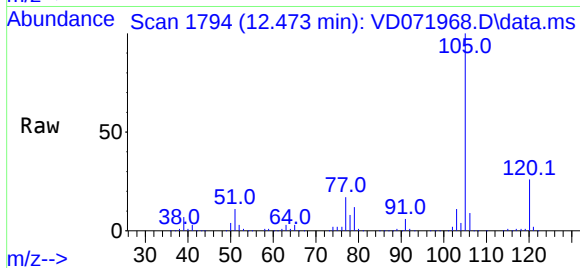
Tgt Ion:152 Resp: 275415
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 174.1 0.0 348.6





#73
Isopropylbenzene
Concen: 46.909 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

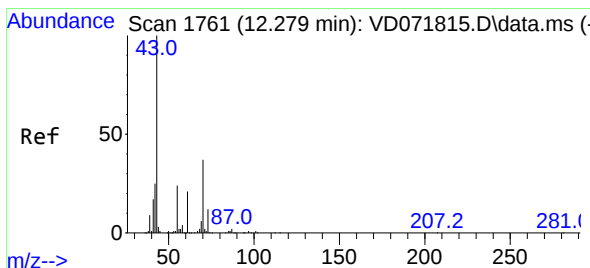
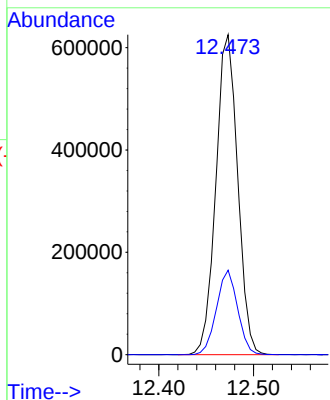
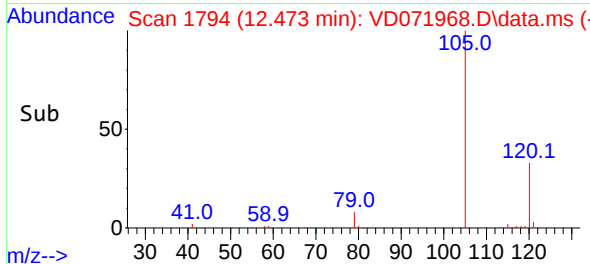
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



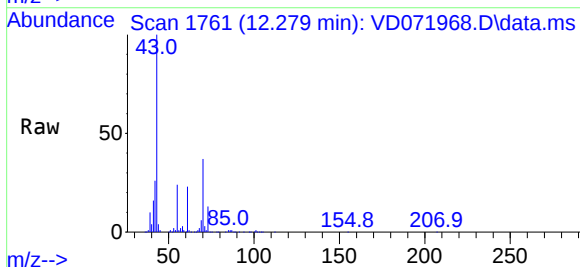
Tgt Ion:105 Resp: 100042
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9

Manual Integrations
APPROVED

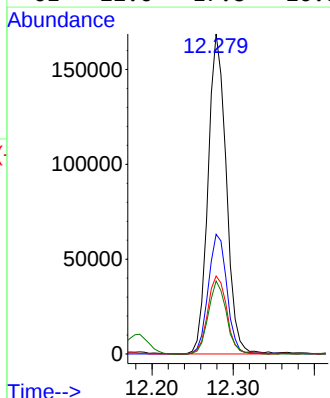
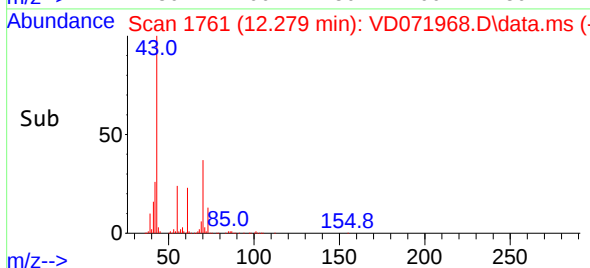
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

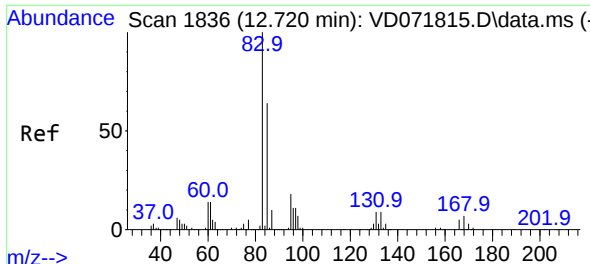


#74
N-ethyl acetate
Concen: 50.091 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



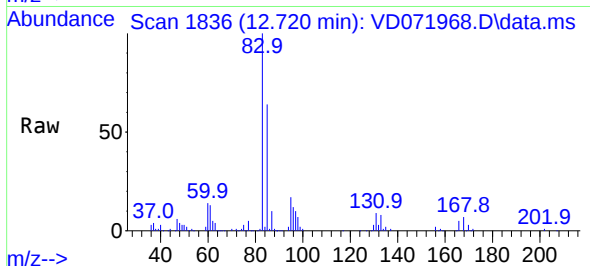
Tgt Ion: 43 Resp: 262711
Ion Ratio Lower Upper
43 100
70 38.3 31.3 46.9
55 25.6 20.0 30.0
61 22.6 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 47.225 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

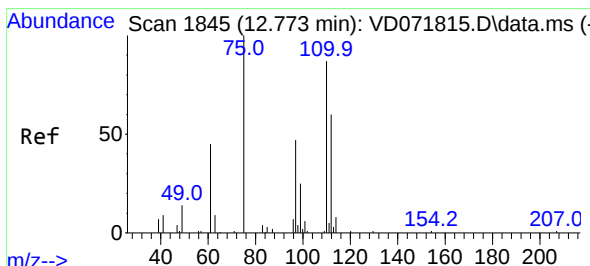
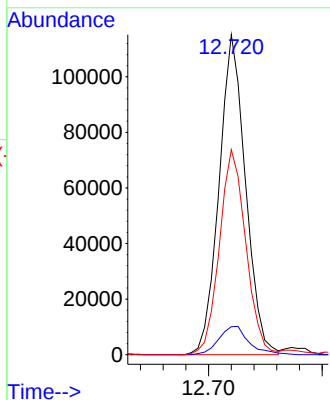
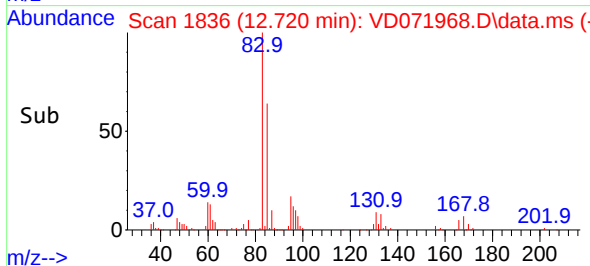
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



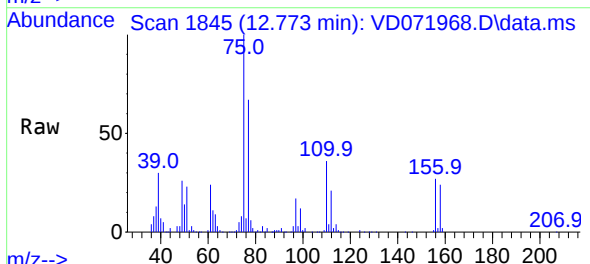
Tgt Ion: 83 Resp: 186378
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.0 32.6 98.0

Manual Integrations
APPROVED

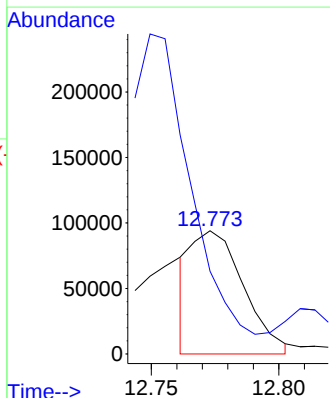
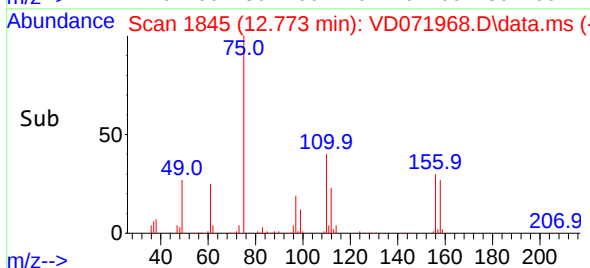
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

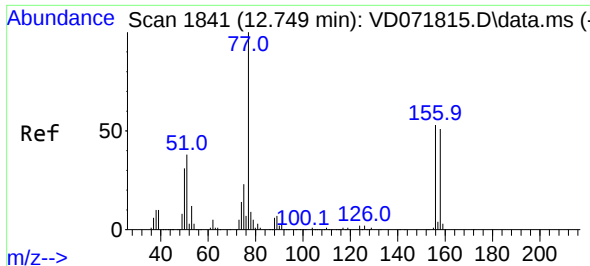


#76
1,2,3-Trichloropropane
Concen: 46.151 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



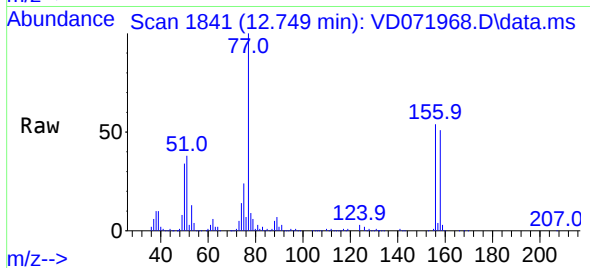
Tgt Ion: 75 Resp: 133954
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 47.054 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

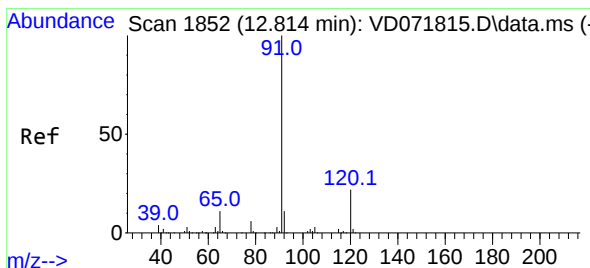
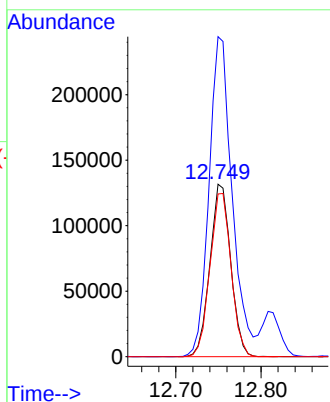
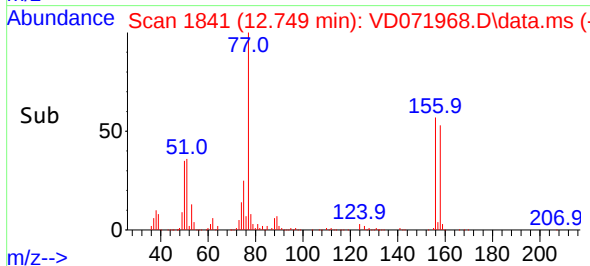
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



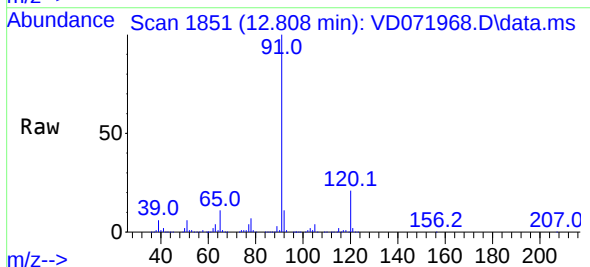
Tgt Ion:156 Resp: 223225
Ion Ratio Lower Upper
156 100
77 204.9 102.8 308.3
158 95.8 48.7 146.1

Manual Integrations
APPROVED

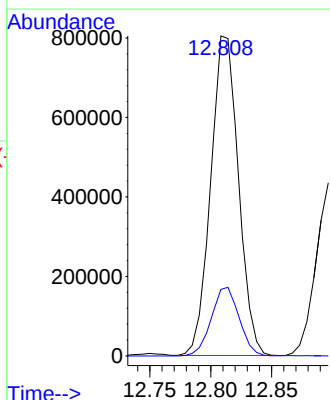
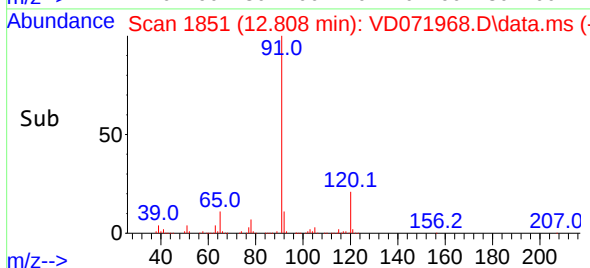
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

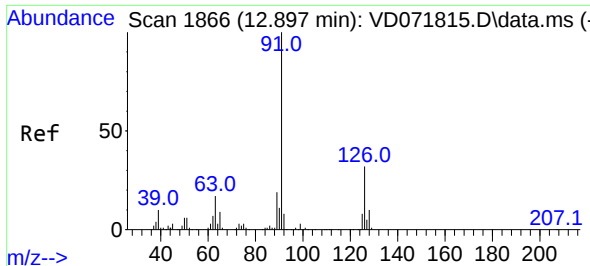


#78
n-propylbenzene
Concen: 47.700 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



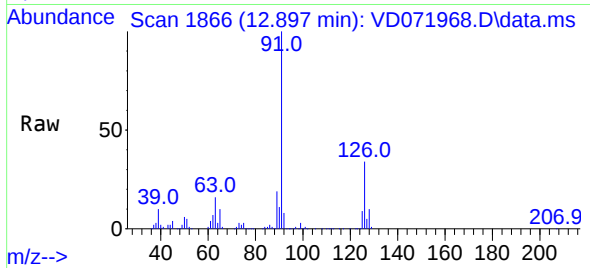
Tgt Ion: 91 Resp: 1275587
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





#79
2-Chlorotoluene
Concen: 47.802 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

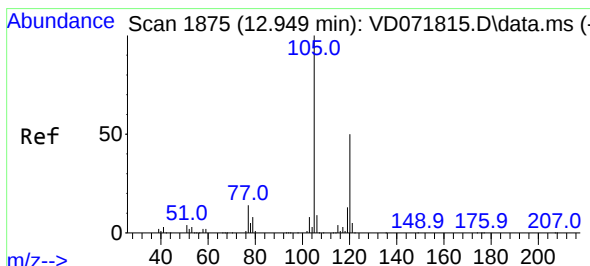
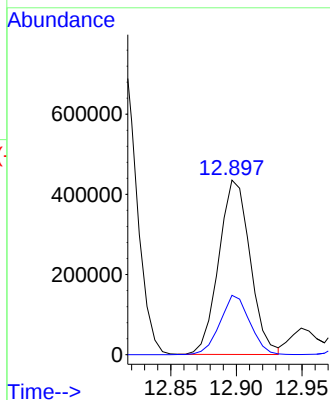
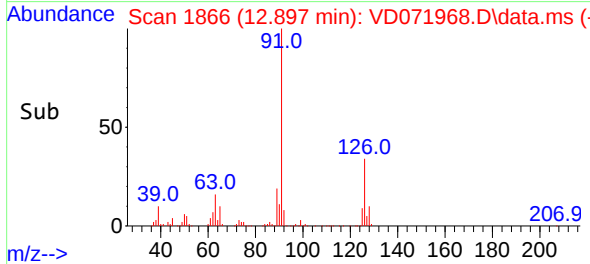
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



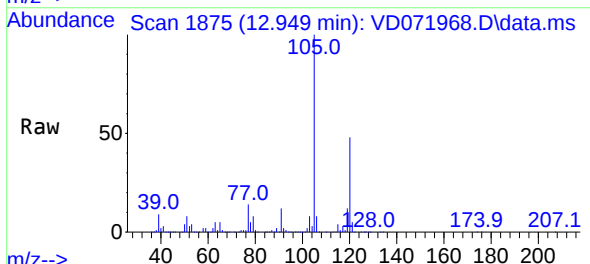
Tgt Ion: 91 Resp: 724400
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6

Manual Integrations
APPROVED

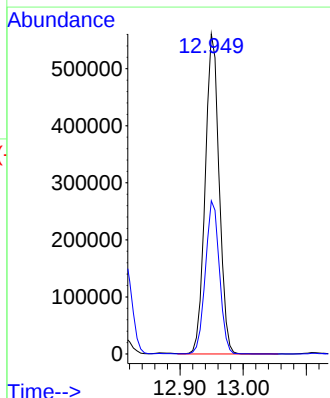
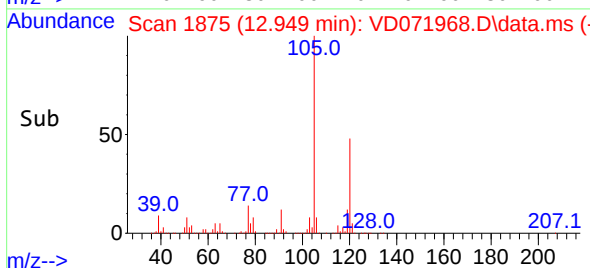
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

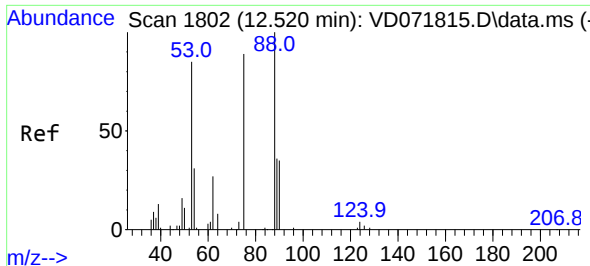


#80
1,3,5-Trimethylbenzene
Concen: 48.756 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



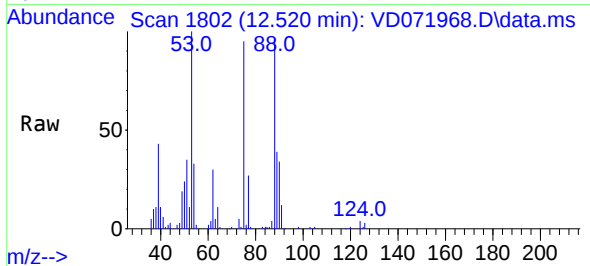
Tgt Ion:105 Resp: 862457
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 47.326 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

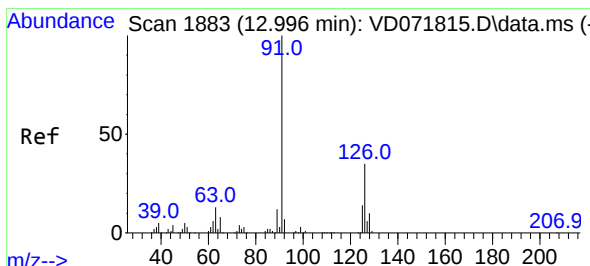
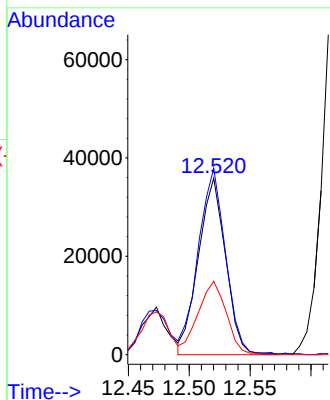
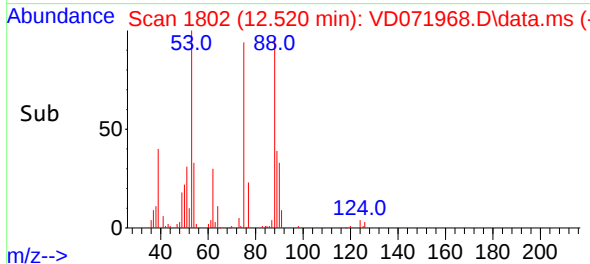
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



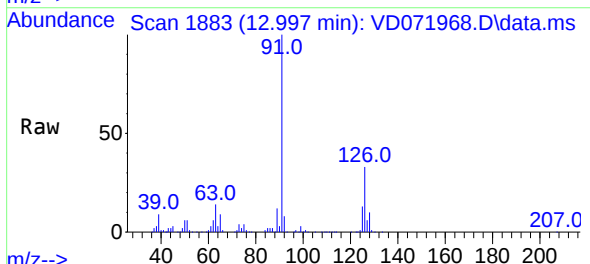
Tgt Ion: 75 Resp: 5586
Ion Ratio Lower Upper
75 100
53 106.0 86.5 129.7
89 43.3 33.9 50.9

Manual Integrations
APPROVED

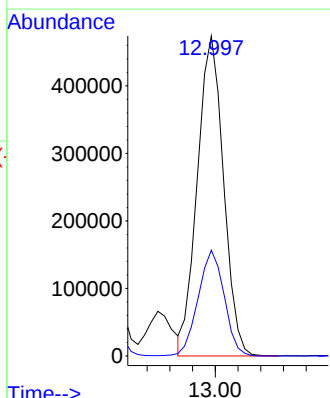
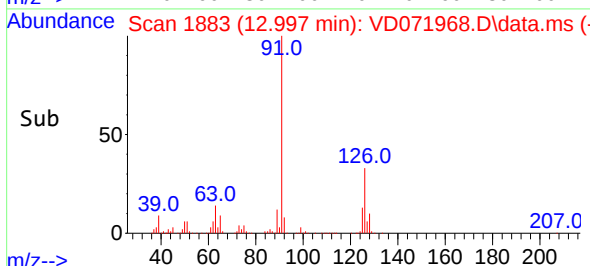
Reviewed By :John Carbone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

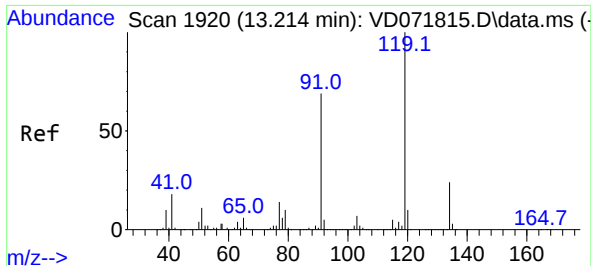


#82
4-Chlorotoluene
Concen: 48.141 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



Tgt Ion: 91 Resp: 759000
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5





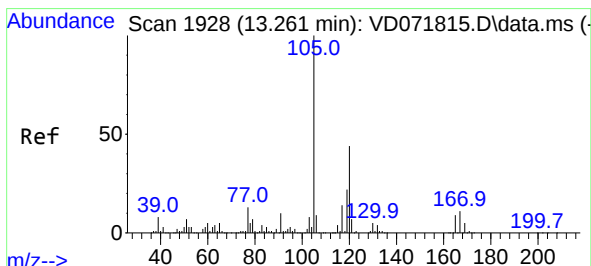
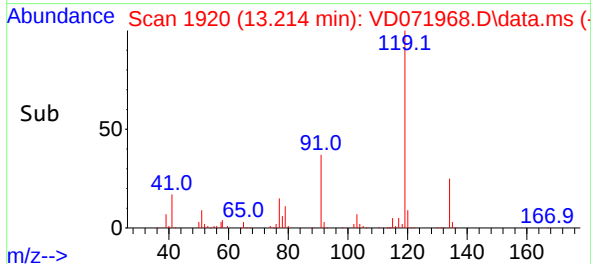
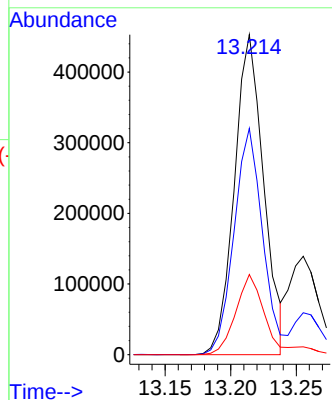
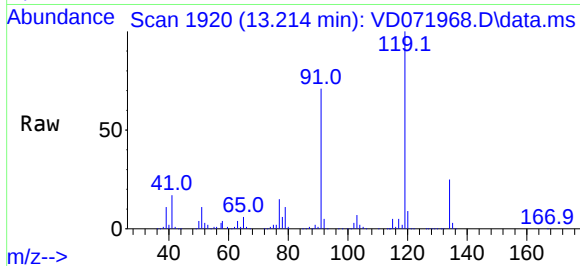
#83
tert-Butylbenzene
Concen: 48.106 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 70524
Ion Ratio Lower Upper
119 100
91 69.8 34.8 104.5
134 26.0 13.3 39.9

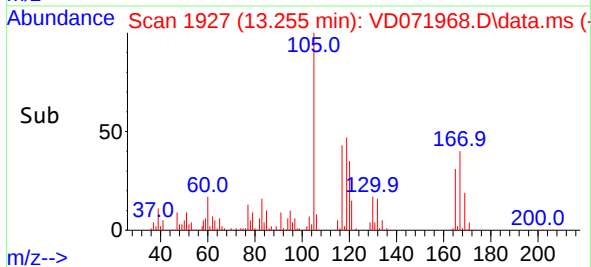
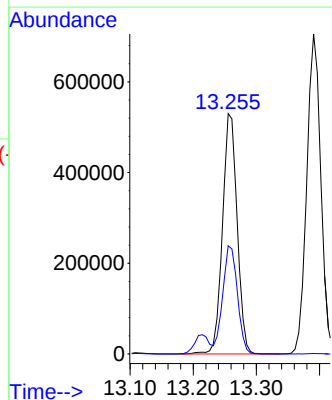
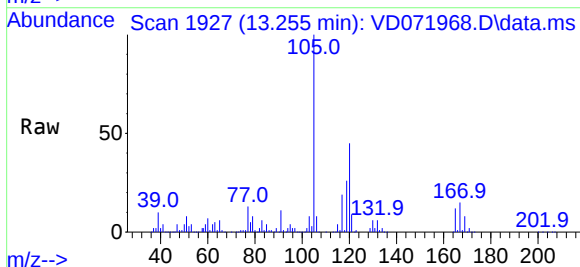
Manual Integrations
APPROVED

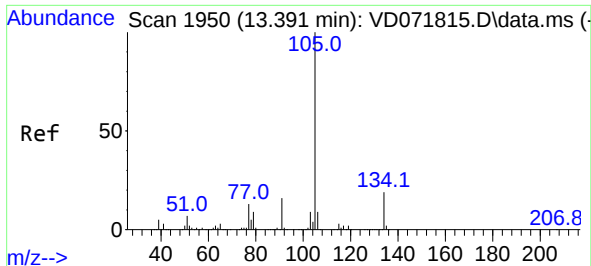
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 49.176 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

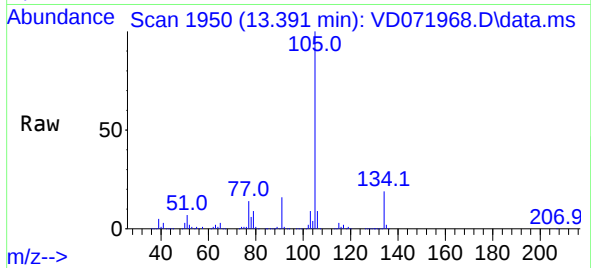
Tgt Ion:105 Resp: 855702
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 47.397 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071968.D
 Acq: 14 Feb 2022 20:24

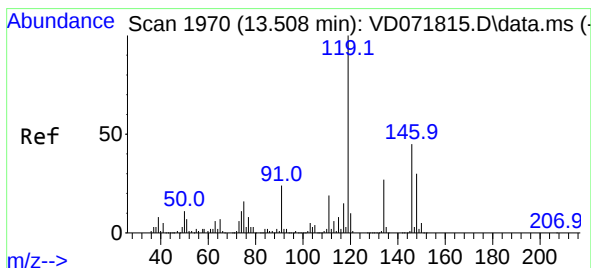
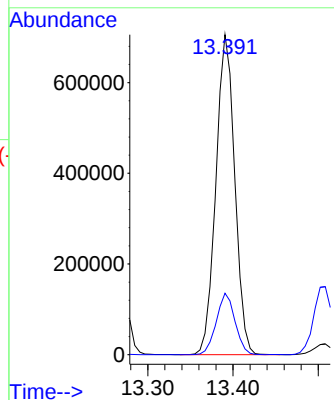
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



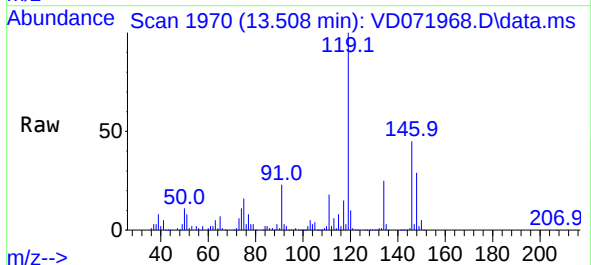
Tgt Ion:105 Resp: 1087235
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
 APPROVED

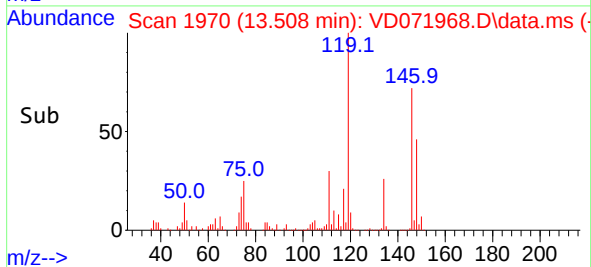
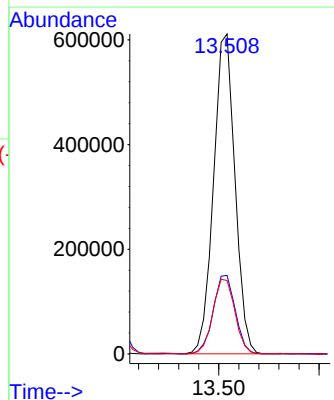
Reviewed By :John Carlone 02/15/2022
 Supervised By :Semsettin Yesilyurt 02/15/2022

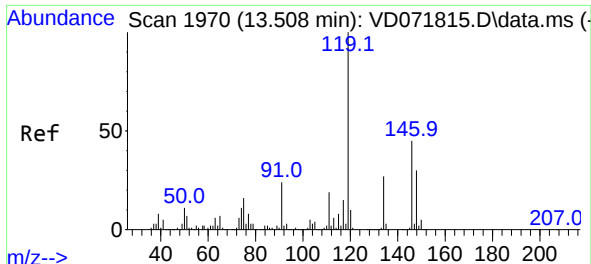


#86
 p-Isopropyltoluene
 Concen: 48.494 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071968.D
 Acq: 14 Feb 2022 20:24



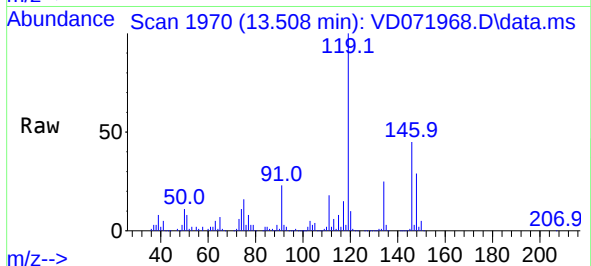
Tgt Ion:119 Resp: 903929
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.6
 91 24.0 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 48.077 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

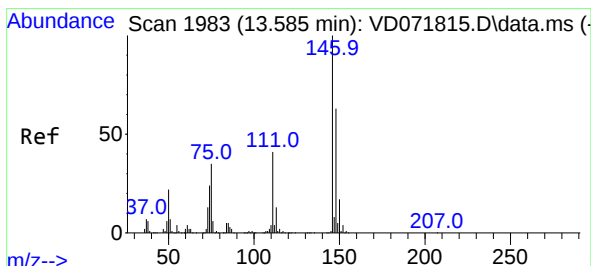
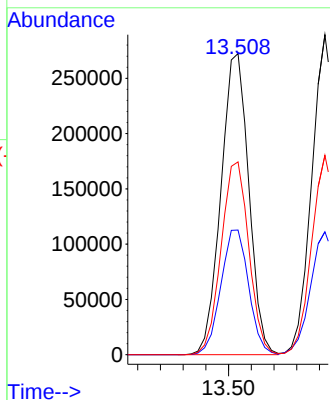
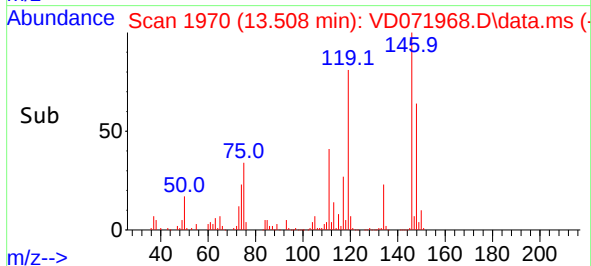
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



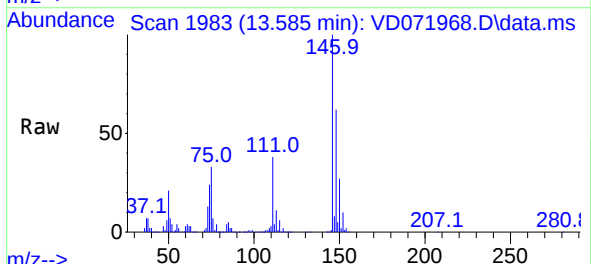
Tgt Ion:146 Resp: 463135
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 63.8 31.9 95.7

Manual Integrations
APPROVED

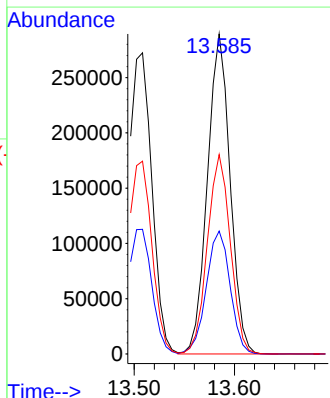
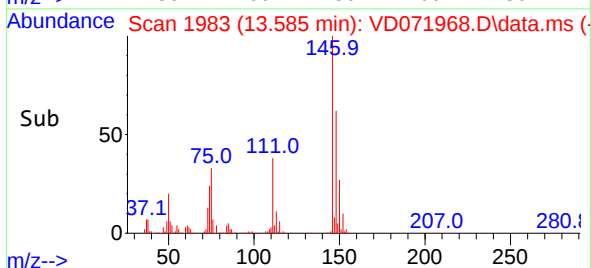
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

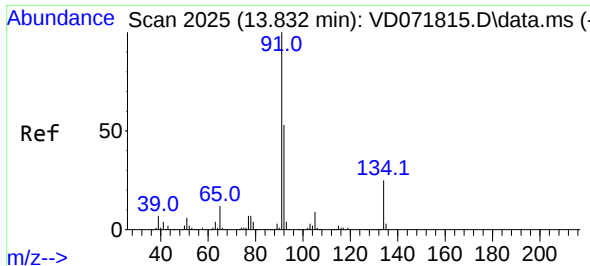


#88
1,4-Dichlorobenzene
Concen: 47.319 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



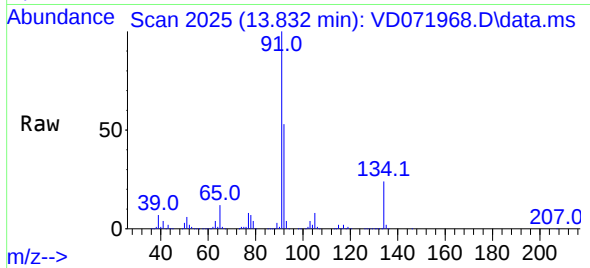
Tgt Ion:146 Resp: 454935
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 63.1 31.7 95.1





#89
n-Butylbenzene
Concen: 47.582 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

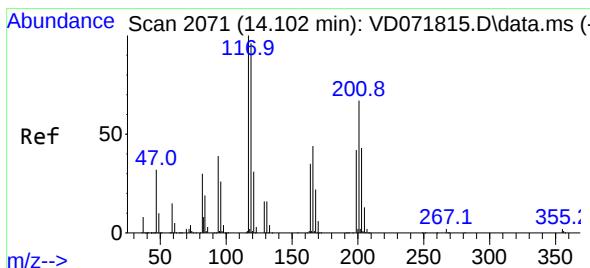
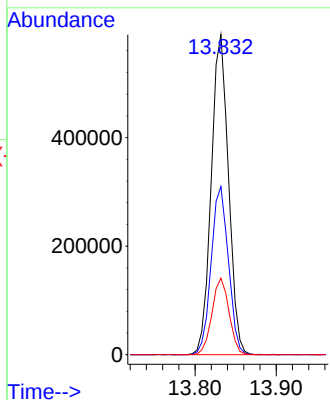
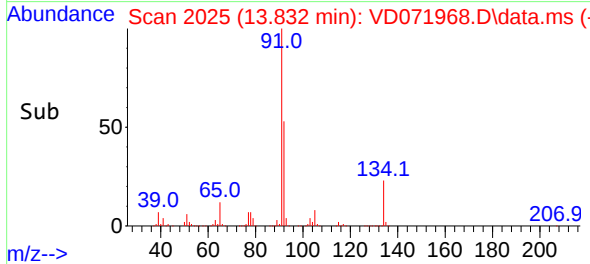
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 870189
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.8
134 23.6 12.3 36.9

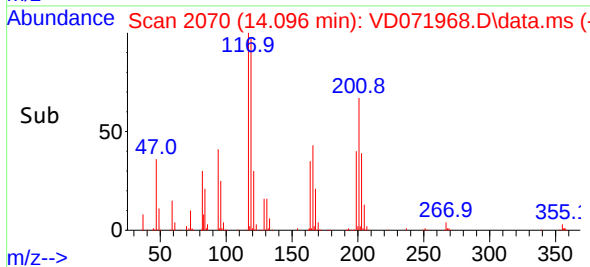
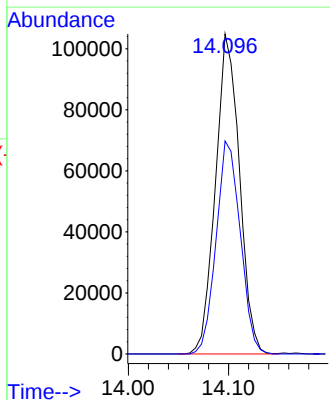
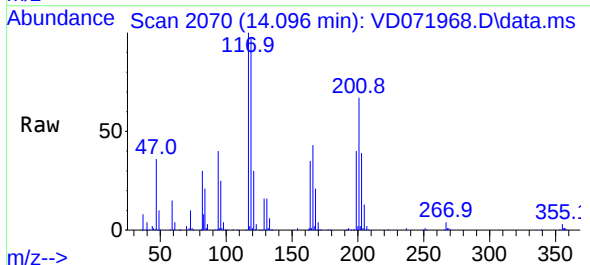
Manual Integrations
APPROVED

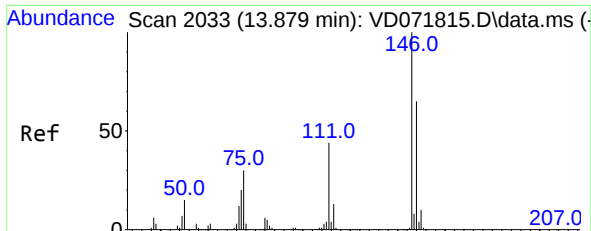
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022



#90
Hexachloroethane
Concen: 46.968 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

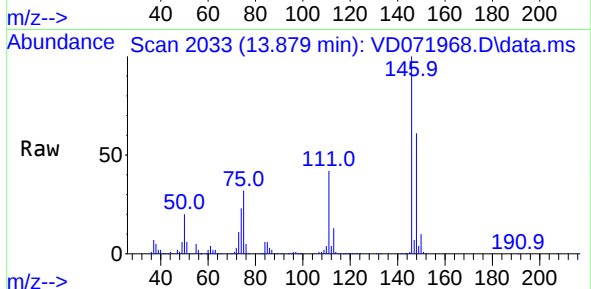
Tgt Ion:117 Resp: 174023
Ion Ratio Lower Upper
117 100
201 67.1 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 48.302 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

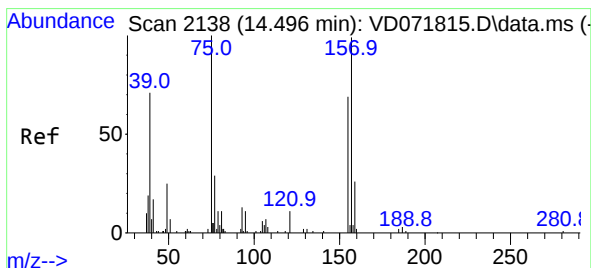
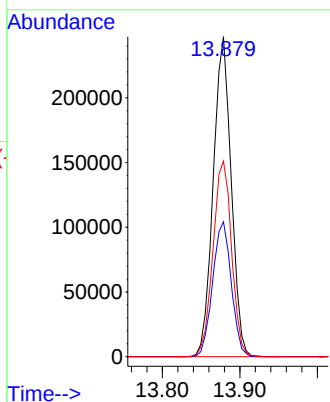
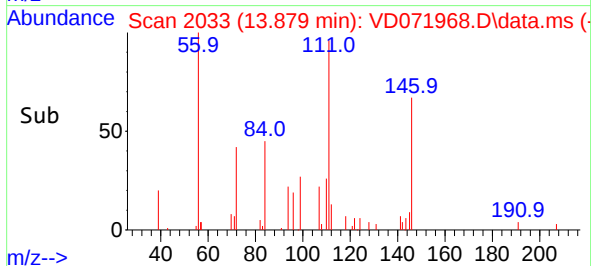
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



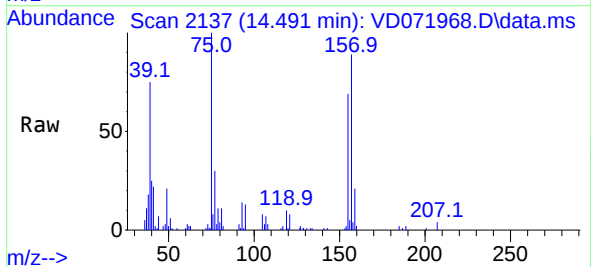
Tgt Ion:146 Resp: 39819
Ion Ratio Lower Upper
146 100
111 43.5 21.1 63.3
148 63.2 31.7 95.1

Manual Integrations
APPROVED

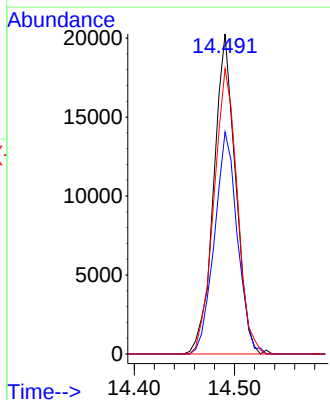
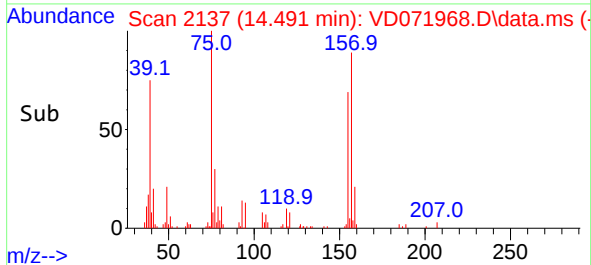
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

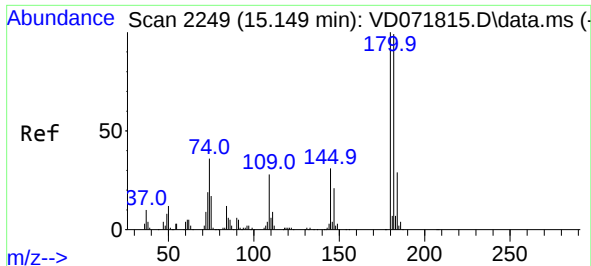


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.855 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



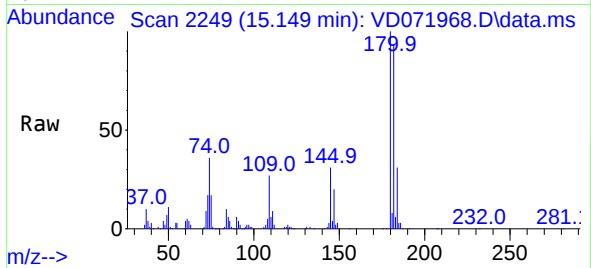
Tgt Ion: 75 Resp: 30625
Ion Ratio Lower Upper
75 100
155 72.7 36.8 110.3
157 94.9 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 47.053 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

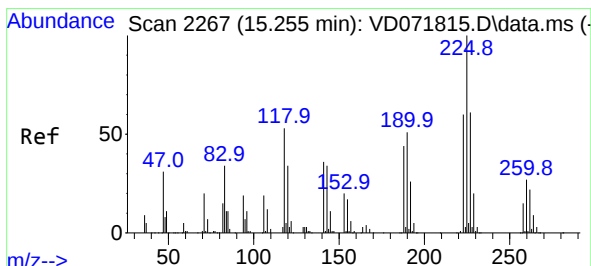
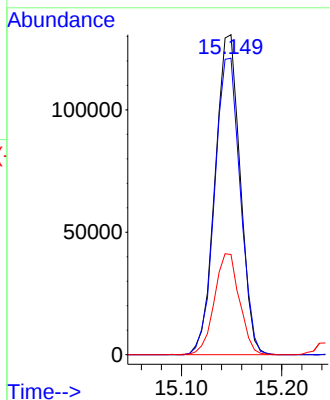
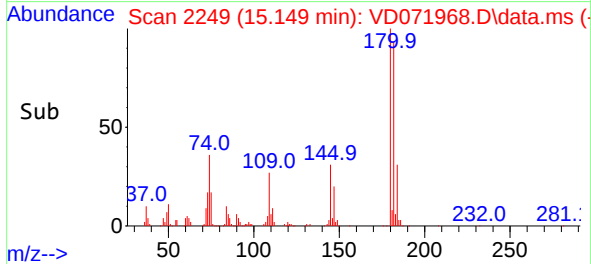
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



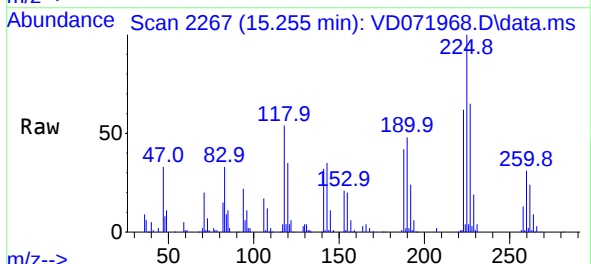
Tgt Ion:180 Resp: 226599
Ion Ratio Lower Upper
180 100
182 94.8 47.3 142.0
145 31.6 16.2 48.5

Manual Integrations
APPROVED

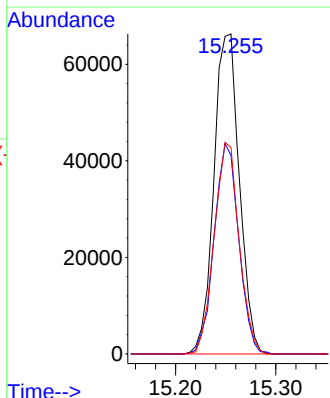
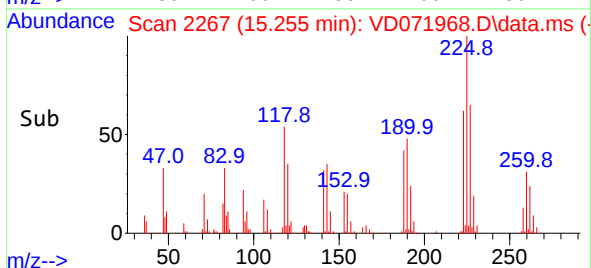
Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022

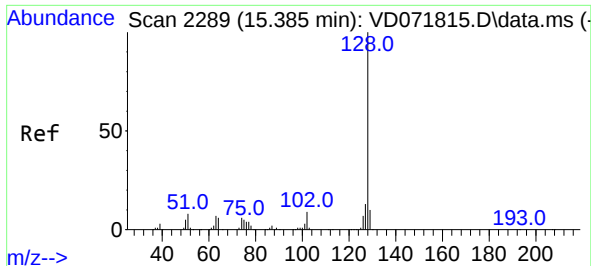


#94
Hexachlorobutadiene
Concen: 44.437 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



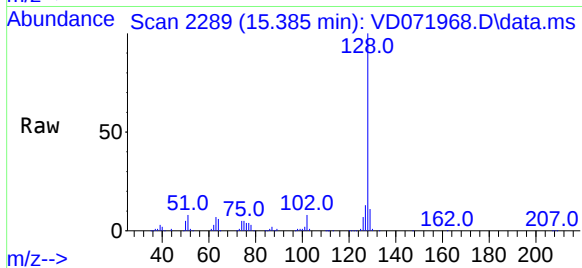
Tgt Ion:225 Resp: 116689
Ion Ratio Lower Upper
225 100
223 63.5 31.1 93.2
227 64.7 32.4 97.0





#95
Naphthalene
Concen: 44.293 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24

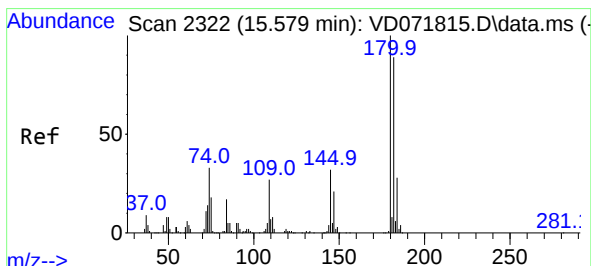
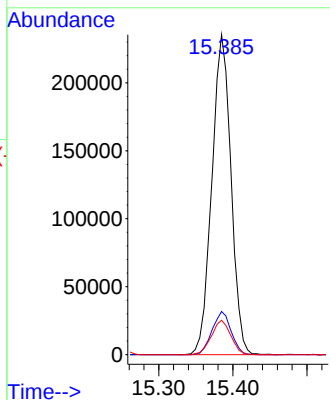
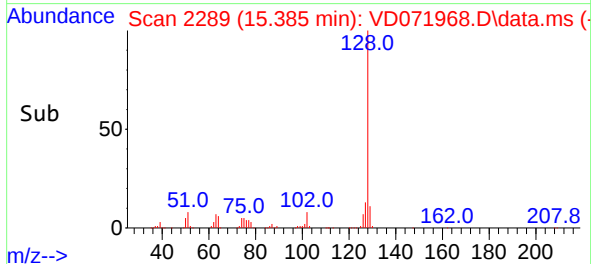
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



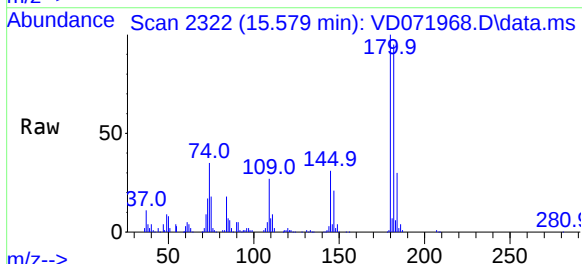
Tgt Ion:128 Resp: 422127
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2022
Supervised By :Semsettin Yesilyurt 02/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 47.360 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD071968.D
Acq: 14 Feb 2022 20:24



Tgt Ion:180 Resp: 195497
Ion Ratio Lower Upper
180 100
182 98.6 47.6 142.9
145 33.2 17.1 51.3

