

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073062.D
 Acq On : 17 May 2022 17:39
 Operator : VA/SY
 Sample : VD0517SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 03:21:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 17 13:03:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	338649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	587626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	559883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	201854	47.663	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.320%		
35) Dibromofluoromethane	7.903	113	205293	49.758	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.520%		
50) Toluene-d8	10.332	98	760367	50.801	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.600%		
62) 4-Bromofluorobenzene	12.620	95	265834	49.036	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	74969	17.704	ug/l	96
3) Chloromethane	2.209	50	81558	18.682	ug/l	98
4) Vinyl Chloride	2.344	62	70362	17.525	ug/l	95
5) Bromomethane	2.750	94	52509	18.413	ug/l	98
6) Chloroethane	2.909	64	45541	18.215	ug/l	92
7) Trichlorofluoromethane	3.268	101	126230	17.180	ug/l	98
8) Diethyl Ether	3.709	74	35674	17.744	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.085	101	72404	16.641	ug/l	97
10) Methyl Iodide	4.297	142	73059	17.473	ug/l	99
11) Tert butyl alcohol	5.197	59	37844	57.772	ug/l #	88
12) 1,1-Dichloroethene	4.062	96	68437	17.394	ug/l	94
13) Acrolein	3.920	56	32498	90.097	ug/l	100
14) Allyl chloride	4.714	41	112808	18.097	ug/l	90
15) Acrylonitrile	5.420	53	83214	86.360	ug/l	98
16) Acetone	4.156	43	59528	77.673	ug/l #	82
17) Carbon Disulfide	4.403	76	234973	17.831	ug/l	98
18) Methyl Acetate	4.720	43	39360	17.971	ug/l	92
19) Methyl tert-butyl Ether	5.467	73	160719	17.467	ug/l	96
20) Methylene Chloride	4.962	84	101991	18.336	ug/l #	84
21) trans-1,2-Dichloroethene	5.467	96	83876	17.922	ug/l	84
22) Diisopropyl ether	6.356	45	244489	18.273	ug/l	96
23) Vinyl Acetate	6.303	43	649611	89.873	ug/l	95
24) 1,1-Dichloroethane	6.261	63	151227	18.168	ug/l	97
25) 2-Butanone	7.208	43	95186	82.020	ug/l	99
26) 2,2-Dichloropropane	7.197	77	122095	17.325	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	94190	18.250	ug/l	90
28) Bromochloromethane	7.538	49	49429	17.335	ug/l #	83
29) Tetrahydrofuran	7.556	42	64414	86.258	ug/l	92
30) Chloroform	7.703	83	159877	17.951	ug/l	97
31) Cyclohexane	7.979	56	129755	17.009	ug/l #	88
32) 1,1,1-Trichloroethane	7.897	97	134113	17.576	ug/l	96
36) 1,1-Dichloropropene	8.108	75	116379	17.312	ug/l	97
37) Ethyl Acetate	7.285	43	50216	17.786	ug/l	98
38) Carbon Tetrachloride	8.091	117	118481	17.227	ug/l	95
39) Methylcyclohexane	9.350	83	123075	15.700	ug/l	97
40) Benzene	8.344	78	337388	17.552	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	22566	14.174	ug/l #	73
42) 1,2-Dichloroethane	8.414	62	97016	17.340	ug/l	97
43) Isopropyl Acetate	8.444	43	89486	17.048	ug/l #	92
44) Trichloroethene	9.102	130	88016	16.928	ug/l	87
45) 1,2-Dichloropropane	9.379	63	82824	16.592	ug/l	92
46) Dibromomethane	9.467	93	44953	16.286	ug/l	93
47) Bromodichloromethane	9.655	83	120472	17.184	ug/l	99
48) Methyl methacrylate	9.450	41	38861	14.926	ug/l #	75
49) 1,4-Dioxane	9.455	88	10119	352.120	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	237087	86.551	ug/l	95
52) Toluene	10.397	92	219363	17.975	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	109482	17.123	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	131117	17.393	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	65270	17.324	ug/l	96
56) Ethyl methacrylate	10.655	69	73953	17.356	ug/l	88
57) 1,3-Dichloropropane	10.938	76	110482	17.234	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	148653	82.378	ug/l	96
59) 2-Hexanone	10.973	43	152969	84.534	ug/l	95
60) Dibromochloromethane	11.132	129	81584	17.430	ug/l	98
61) 1,2-Dibromoethane	11.238	107	61513	16.967	ug/l	97
64) Tetrachloroethene	10.867	164	73050	17.809	ug/l	98
65) Chlorobenzene	11.661	112	231111	18.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	84166	17.356	ug/l	97
67) Ethyl Benzene	11.732	91	396787	17.951	ug/l	99
68) m/p-Xylenes	11.844	106	314563	36.719	ug/l	100
69) o-Xylene	12.173	106	142812	18.077	ug/l	97
70) Styrene	12.185	104	251584	18.232	ug/l	98
71) Bromoform	12.349	173	46404	18.174	ug/l #	99
73) Isopropylbenzene	12.467	105	375638	18.198	ug/l	99
74) N-amyl acetate	12.279	43	87066	18.049	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	72709	17.867	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	60765m	19.505	ug/l	
77) Bromobenzene	12.749	156	92502	18.781	ug/l	92
78) n-propylbenzene	12.808	91	482067	18.597	ug/l	98
79) 2-Chlorotoluene	12.896	91	272742	18.061	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	324363	18.445	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	22997	17.912	ug/l	90
82) 4-Chlorotoluene	12.991	91	296715	18.565	ug/l	99
83) tert-Butylbenzene	13.208	119	270312	18.147	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	324362	18.540	ug/l	100
85) sec-Butylbenzene	13.385	105	409907	18.129	ug/l	99
86) p-Isopropyltoluene	13.502	119	342077	18.600	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	183513	18.128	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	184561	18.450	ug/l	99
89) n-Butylbenzene	13.826	91	316843	17.716	ug/l	99
90) Hexachloroethane	14.096	117	69832	18.274	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	160995	18.337	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11046	17.463	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	92015	18.368	ug/l	97
94) Hexachlorobutadiene	15.249	225	47163	16.867	ug/l	97
95) Naphthalene	15.379	128	156502	17.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	77971	17.531	ug/l	97

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MSVOA_D
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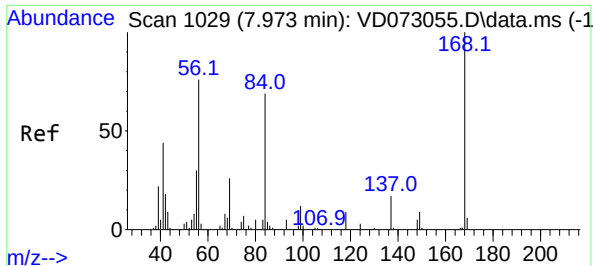
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/18/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Tue May 17 13:03:08 2022
Response via : Initial Calibration

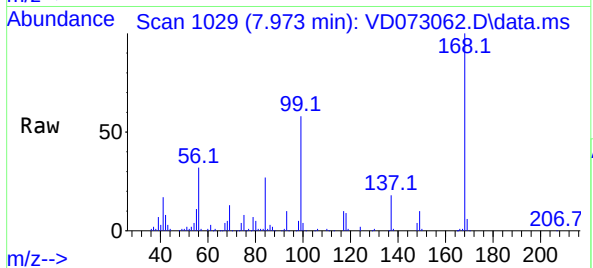
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

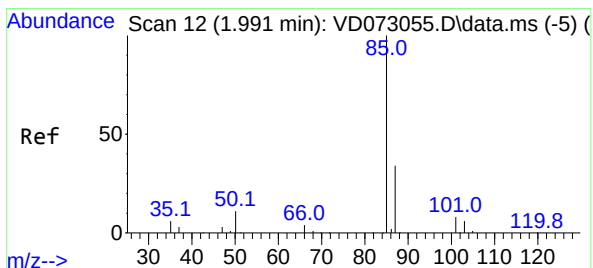
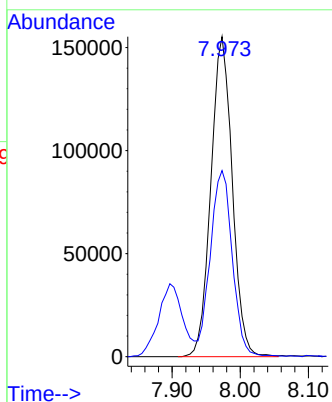
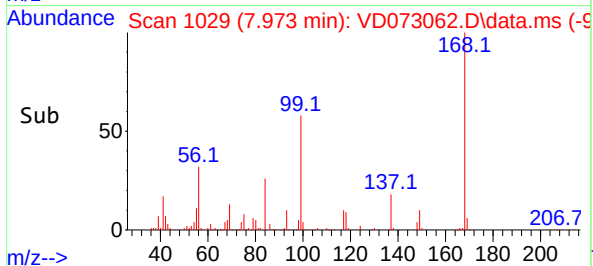
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



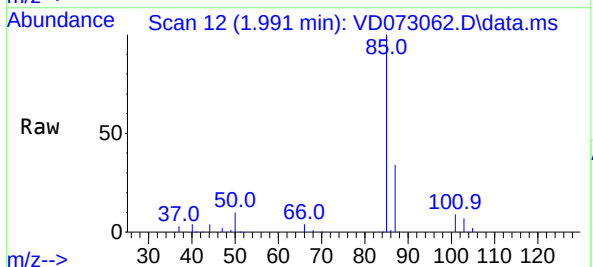
Tgt Ion:168 Resp: 338649
Ion Ratio Lower Upper
168 100
99 57.9 49.8 74.6

Manual Integrations
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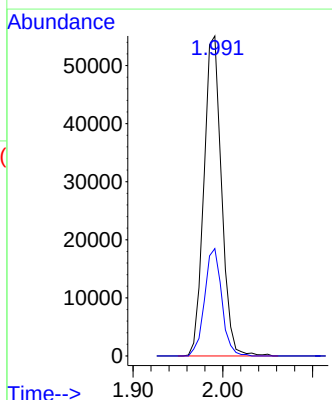
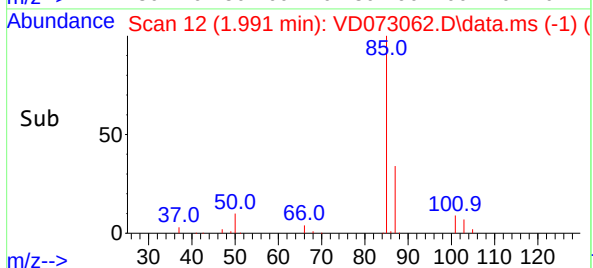
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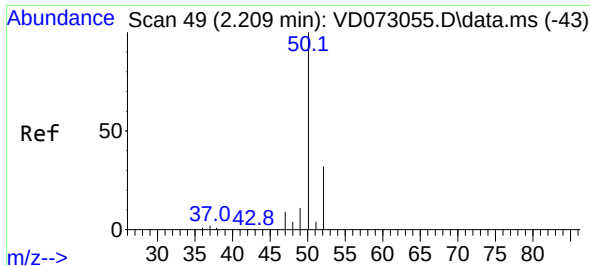


#2
Dichlorodifluoromethane
Concen: 17.704 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



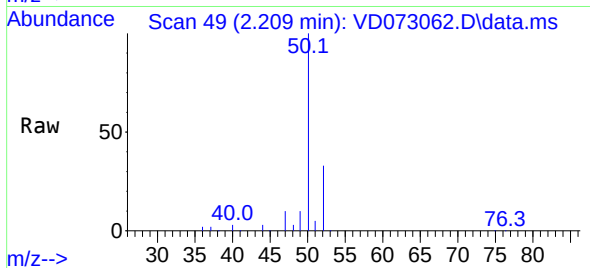
Tgt Ion: 85 Resp: 74969
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0





#3
Chloromethane
Concen: 18.682 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

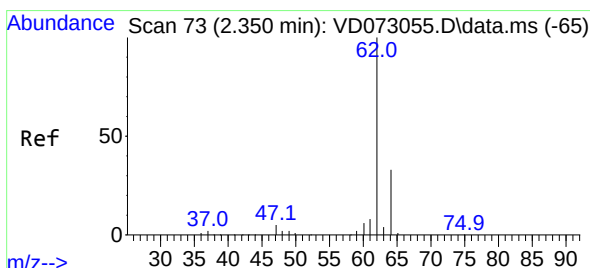
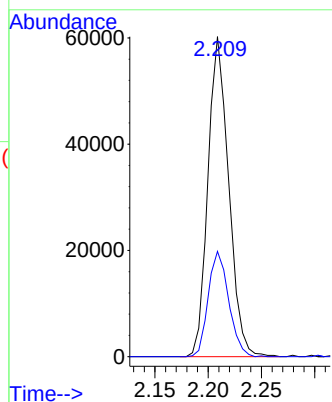
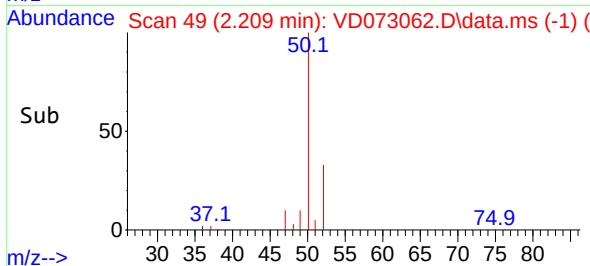
Instrument :
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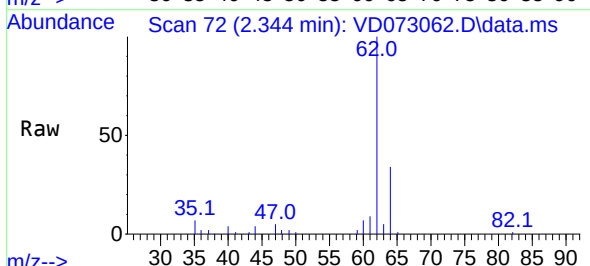
Tgt Ion: 50 Resp: 81558
Ion Ratio Lower Upper
50 100
52 32.9 27.4 41.0

Manual Integrations
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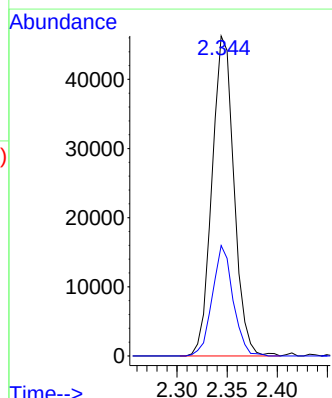
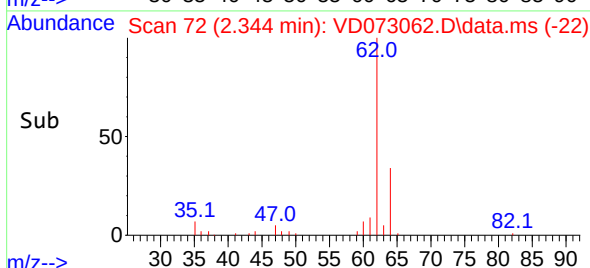
Reviewed By :John Carlone 05/18/2022
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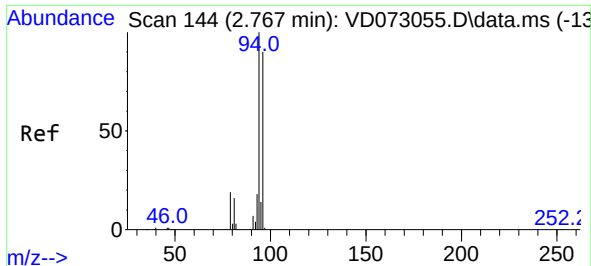


#4
Vinyl Chloride
Concen: 17.525 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



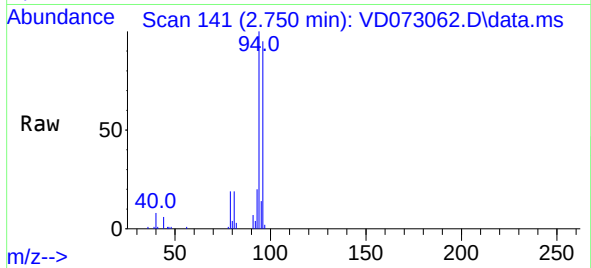
Tgt Ion: 62 Resp: 70362
Ion Ratio Lower Upper
62 100
64 34.5 25.4 38.0





#5
Bromomethane
Concen: 18.413 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.017 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

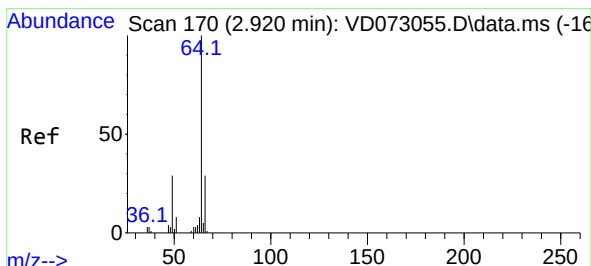
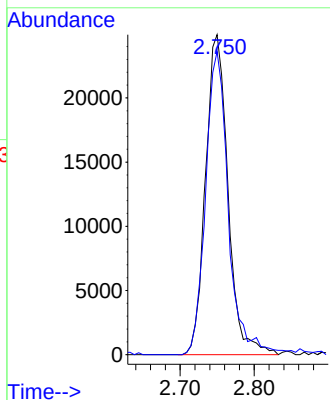
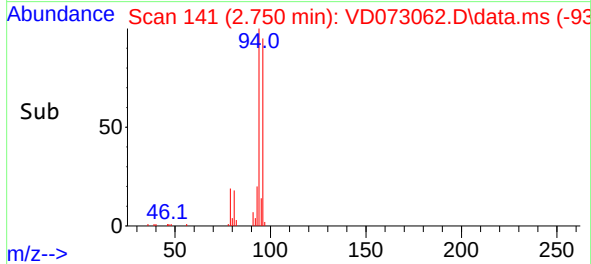
Instrument :
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Tgt Ion: 94 Resp: 52509
Ion Ratio Lower Upper
94 100
96 94.7 77.6 116.4

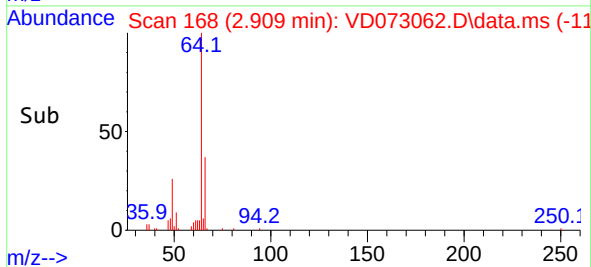
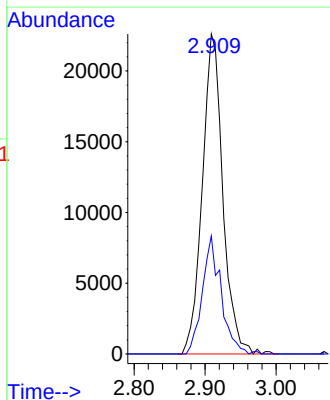
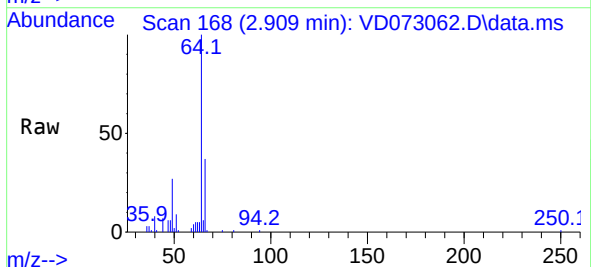
Manual Integrations
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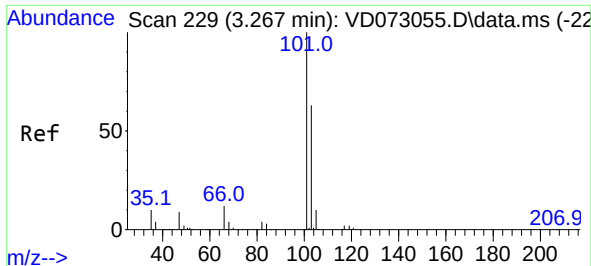
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#6
Chloroethane
Concen: 18.215 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.011 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

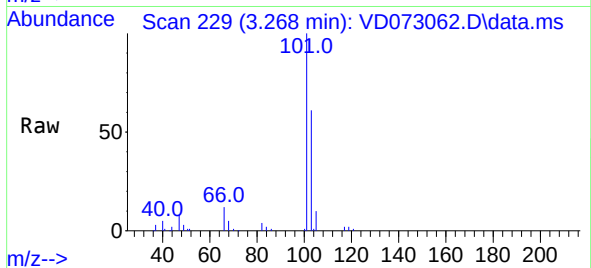
Tgt Ion: 64 Resp: 45541
Ion Ratio Lower Upper
64 100
66 36.8 25.9 38.9





#7
Trichlorofluoromethane
Concen: 17.180 ug/l
RT: 3.268 min Scan# 229
Delta R.T. 0.001 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

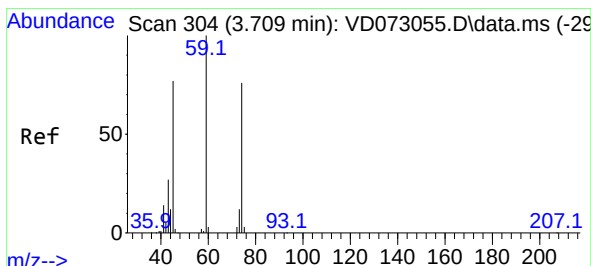
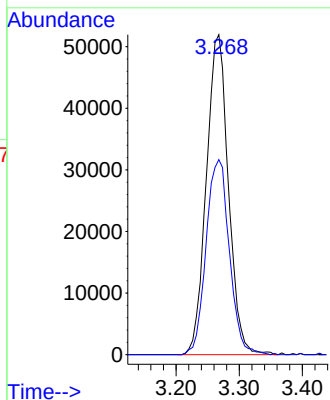
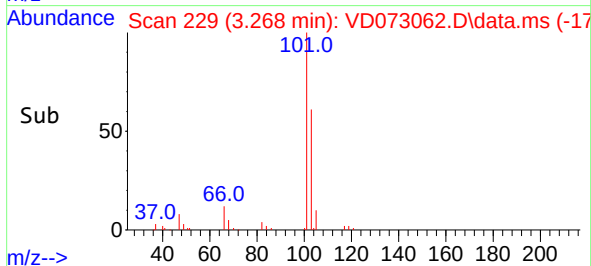
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



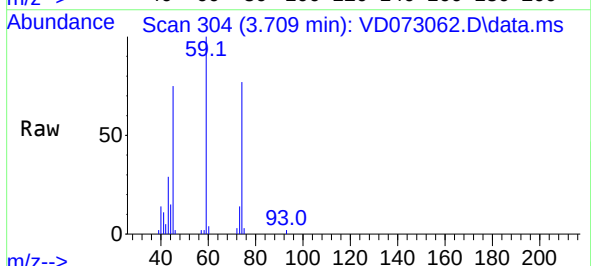
Tgt Ion:101 Resp: 126230
Ion Ratio Lower Upper
101 100
103 61.0 50.1 75.1

Manual Integrations
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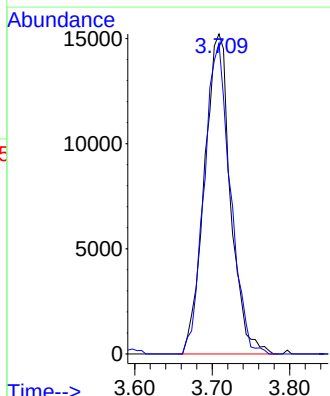
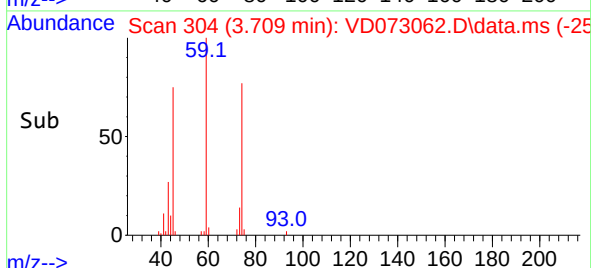
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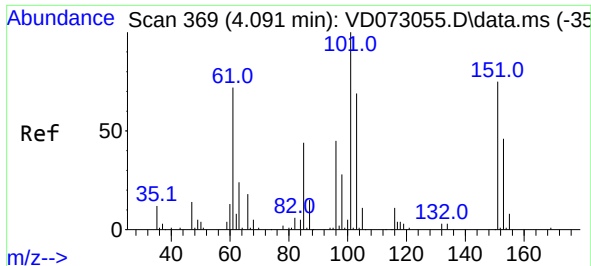


#8
Diethyl Ether
Concen: 17.744 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



Tgt Ion: 74 Resp: 35674
Ion Ratio Lower Upper
74 100
45 97.1 52.6 157.8





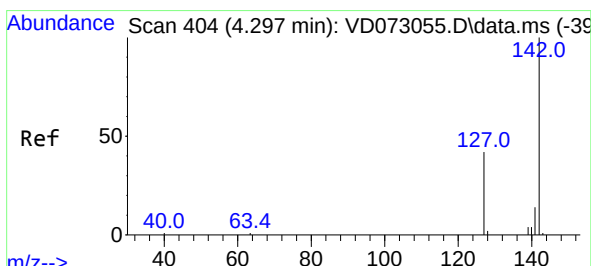
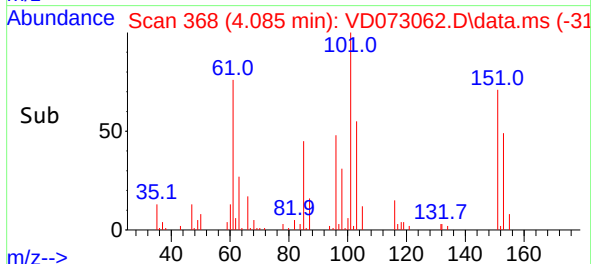
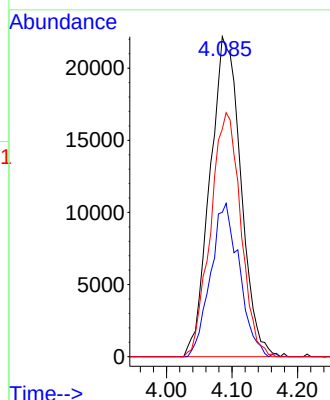
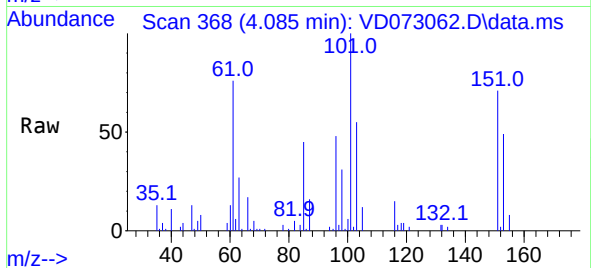
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.641 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion:101 Resp: 72404
Ion Ratio Lower Upper
101 100
85 44.6 36.4 54.6
151 74.5 57.3 85.9

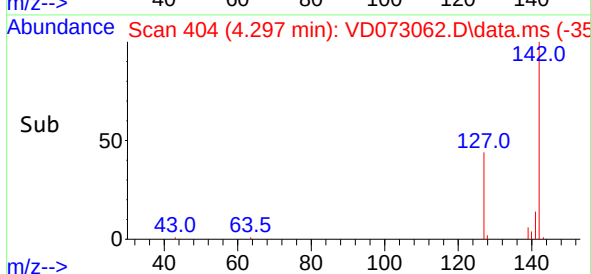
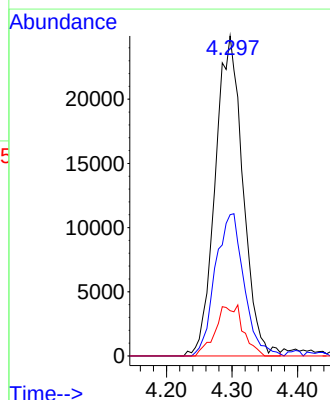
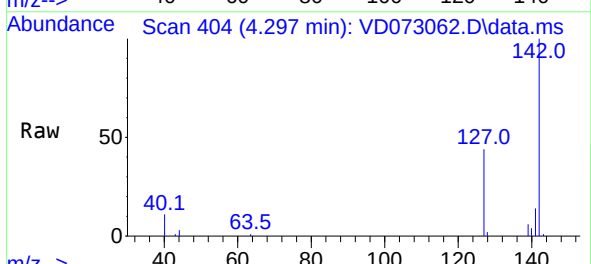
Manual Integrations
APPROVED

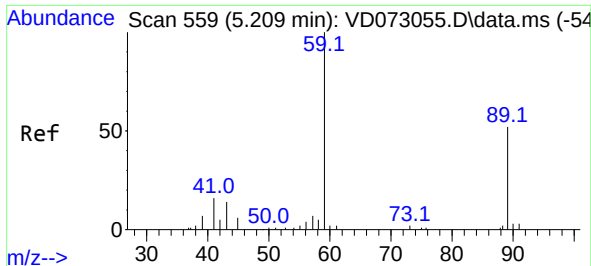
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
Methyl Iodide
Concen: 17.473 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

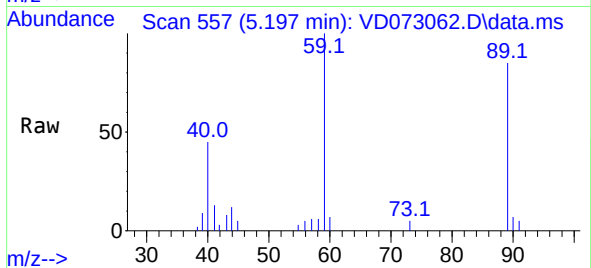
Tgt Ion:142 Resp: 73059
Ion Ratio Lower Upper
142 100
127 46.1 37.3 55.9
141 15.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 57.772 ug/l
RT: 5.197 min Scan# 511
Delta R.T. -0.012 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

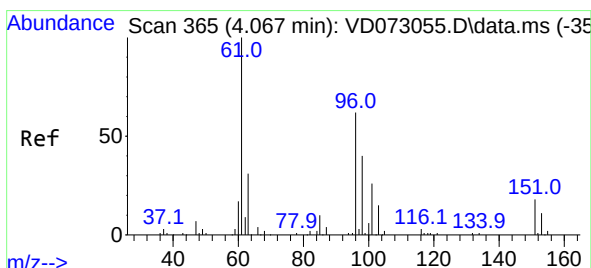
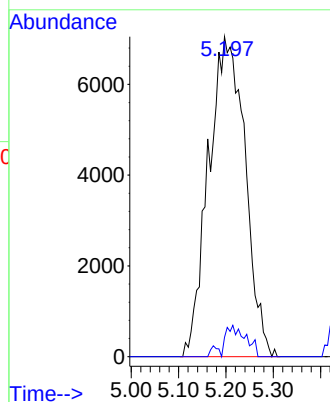
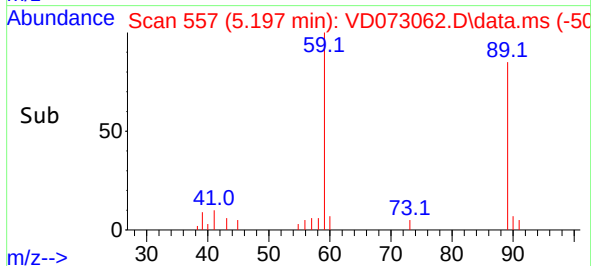
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



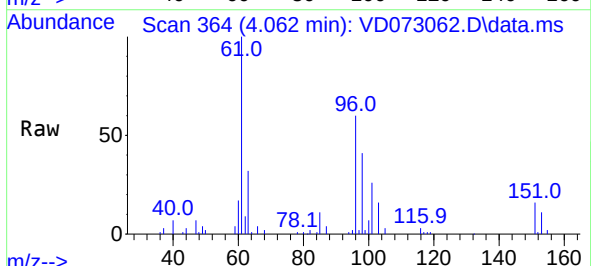
Tgt Ion: 59 Resp: 37844
Ion Ratio Lower Upper
59 100
57 5.3 7.8 11.6

Manual Integrations
APPROVED

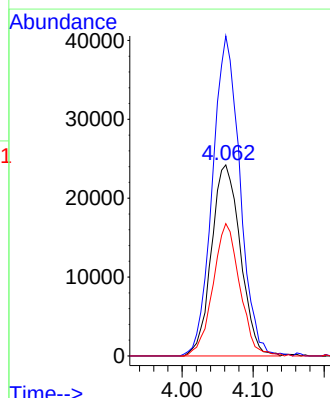
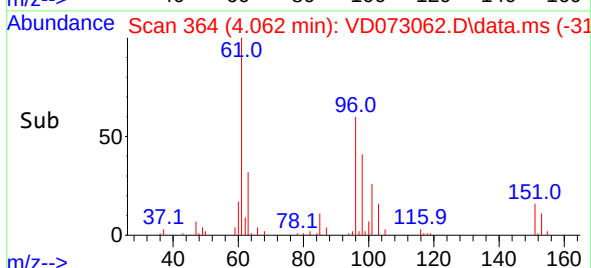
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

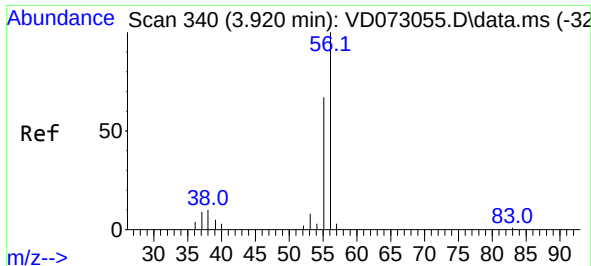


#12
1,1-Dichloroethene
Concen: 17.394 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.005 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



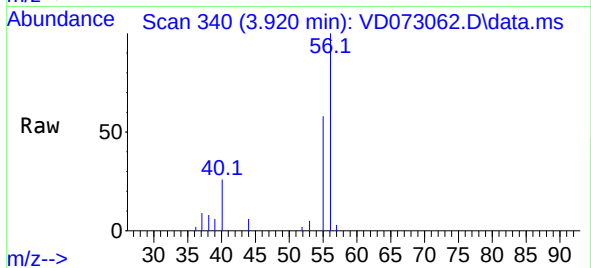
Tgt Ion: 96 Resp: 68437
Ion Ratio Lower Upper
96 100
61 167.5 138.5 207.7
98 69.3 48.6 73.0





#13
Acrolein
Concen: 90.097 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

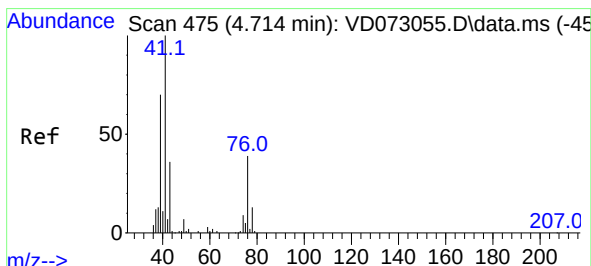
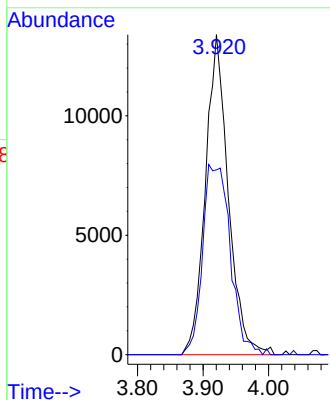
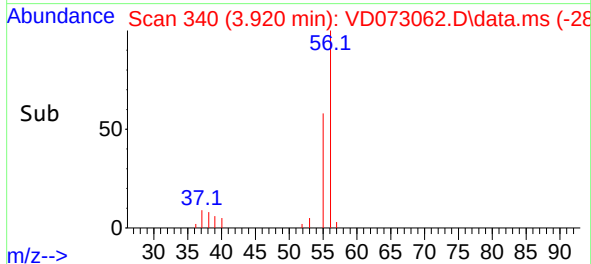
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



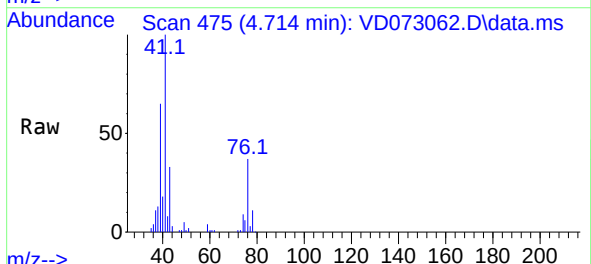
Tgt Ion: 56 Resp: 32498
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7

Manual Integrations
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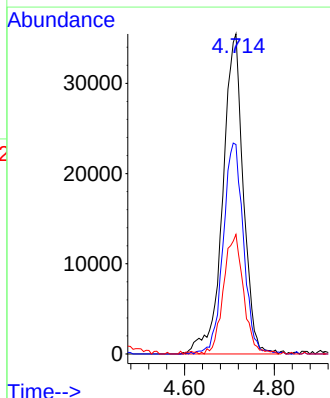
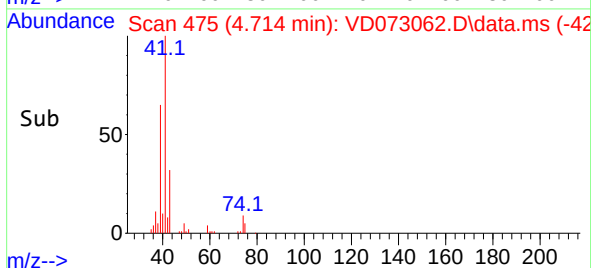
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

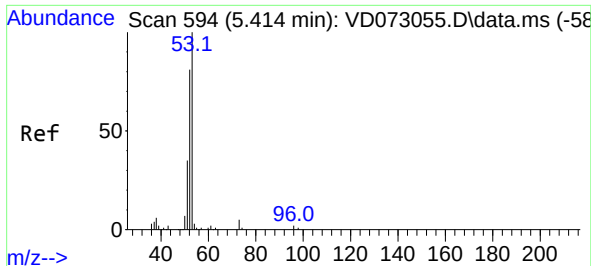


#14
Allyl chloride
Concen: 18.097 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



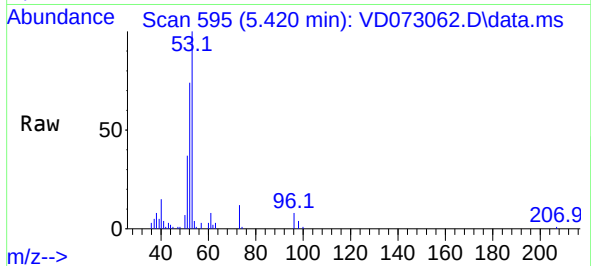
Tgt Ion: 41 Resp: 112808
Ion Ratio Lower Upper
41 100
39 65.3 59.3 88.9
76 36.5 25.7 38.5





#15
Acrylonitrile
Concen: 86.360 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

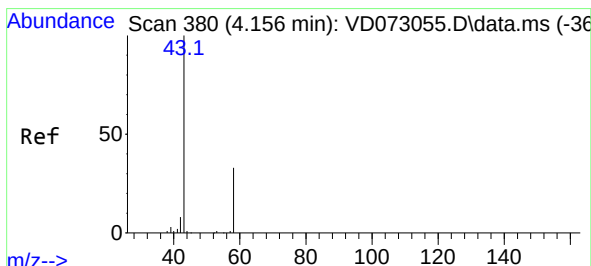
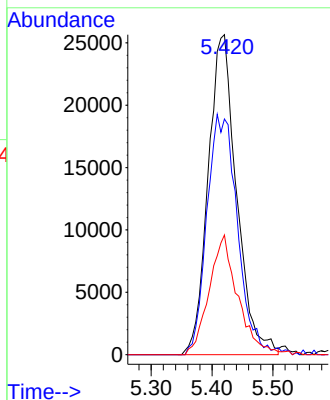
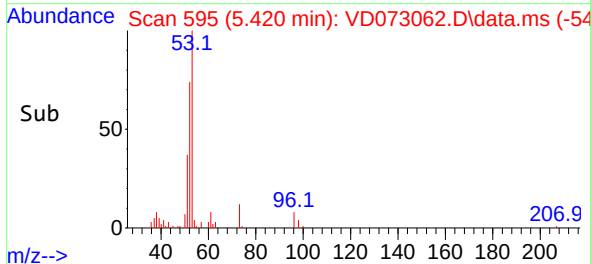
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



Tgt Ion: 53 Resp: 83214
Ion Ratio Lower Upper
53 100
52 81.0 67.2 100.8
51 37.8 30.3 45.5

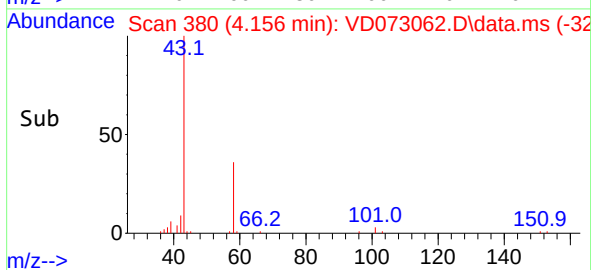
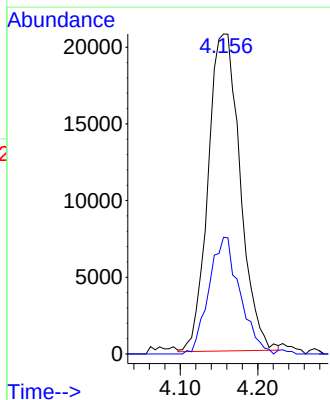
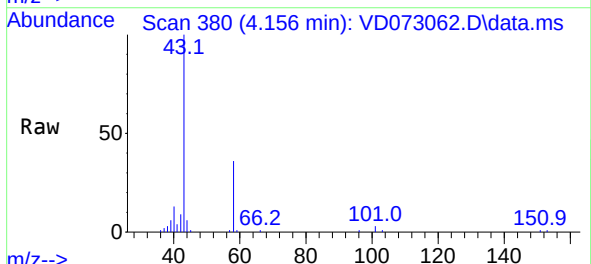
Manual Integrations
APPROVED

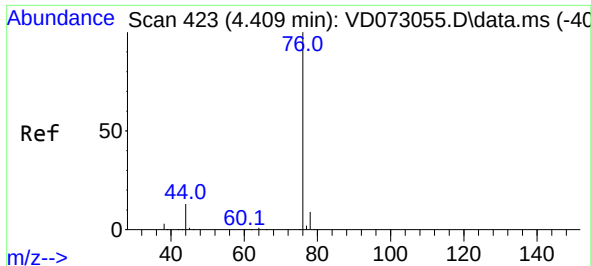
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#16
Acetone
Concen: 77.673 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

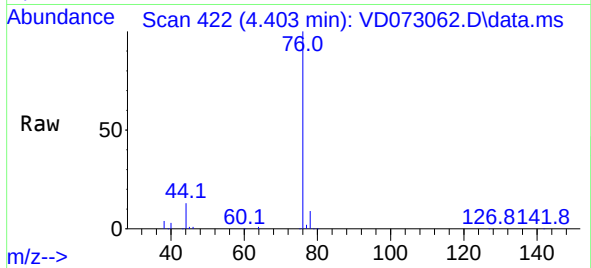
Tgt Ion: 43 Resp: 59528
Ion Ratio Lower Upper
43 100
58 36.9 22.1 33.1#





#17
Carbon Disulfide
Concen: 17.831 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

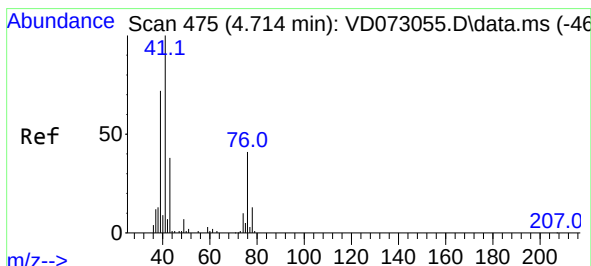
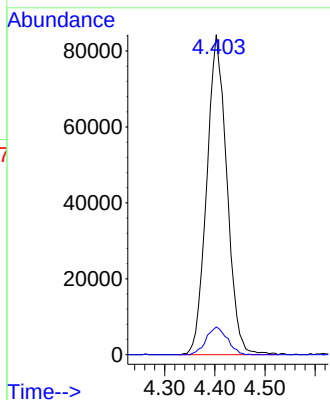
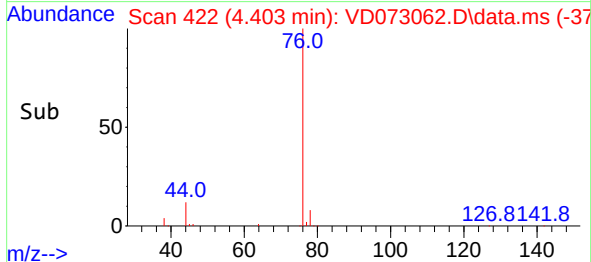
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



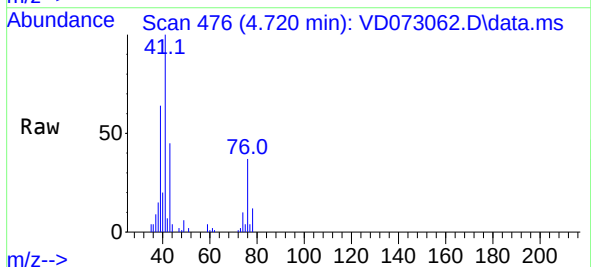
Tgt Ion: 76 Resp: 23497
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

Manual Integrations
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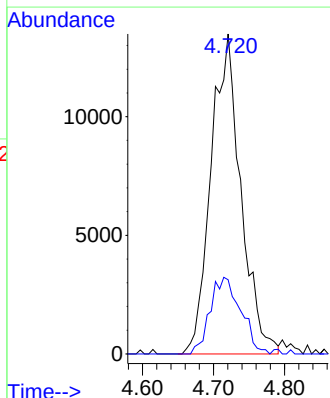
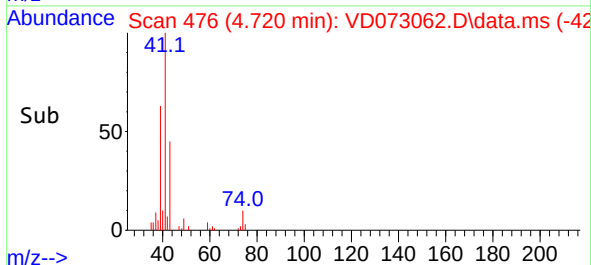
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

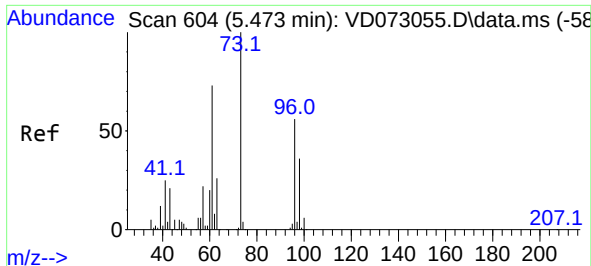


#18
Methyl Acetate
Concen: 17.971 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



Tgt Ion: 43 Resp: 39360
Ion Ratio Lower Upper
43 100
74 24.5 16.7 25.1





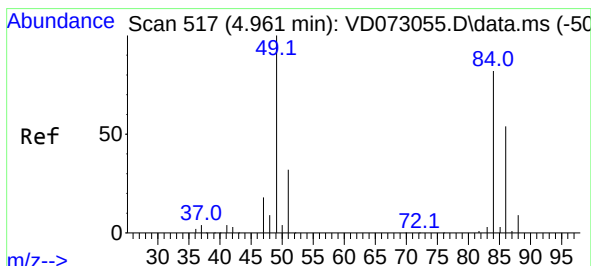
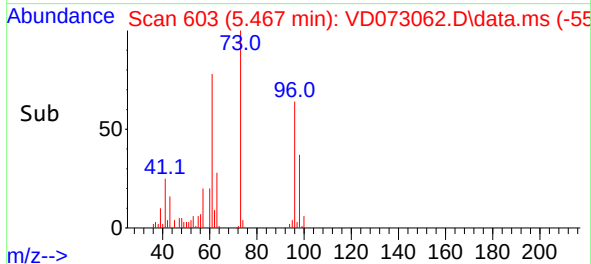
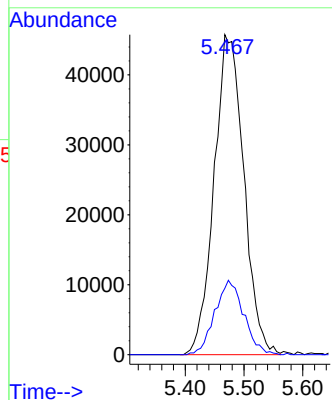
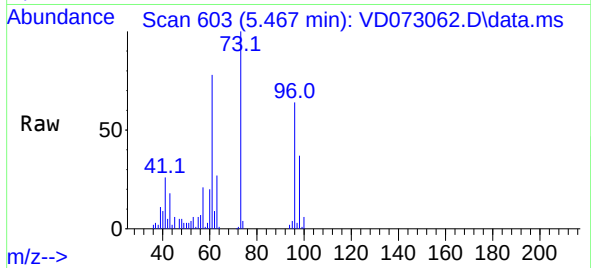
#19
Methyl tert-butyl Ether
Concen: 17.467 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 73 Resp: 160719
Ion Ratio Lower Upper
73 100
57 20.8 18.0 27.0

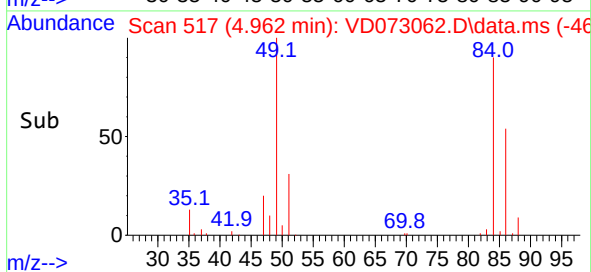
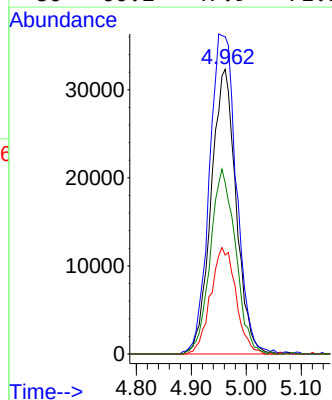
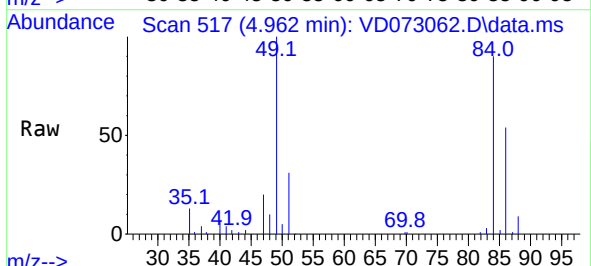
Manual Integrations
APPROVED

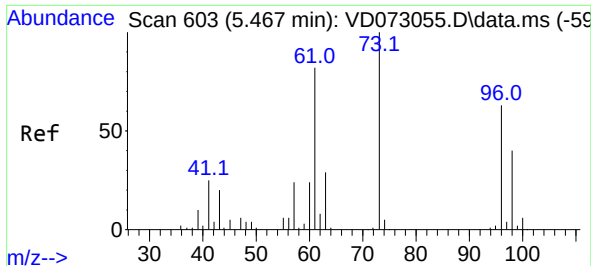
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#20
Methylene Chloride
Concen: 18.336 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.001 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

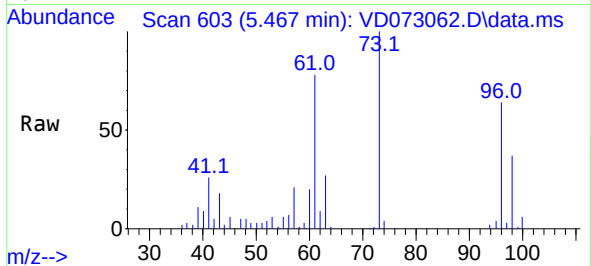
Tgt Ion: 84 Resp: 101991
Ion Ratio Lower Upper
84 100
49 111.4 112.8 169.2#
51 34.7 32.6 48.8
86 60.2 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 17.922 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

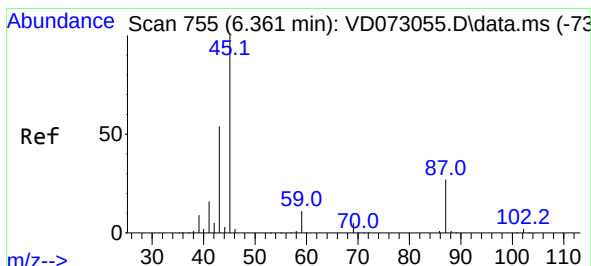
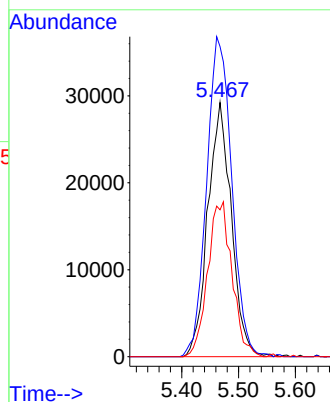
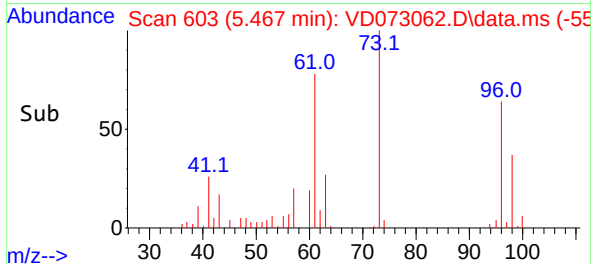
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



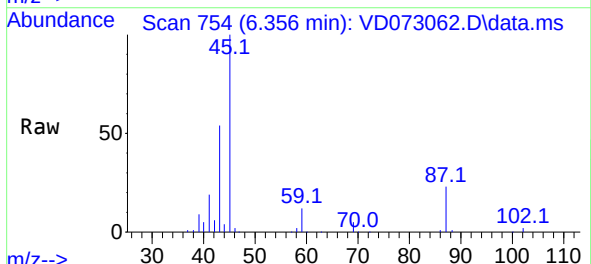
Tgt Ion: 96 Resp: 83870
Ion Ratio Lower Upper
96 100
61 121.9 117.9 176.9
98 57.8 49.4 74.2

Manual Integrations
APPROVED

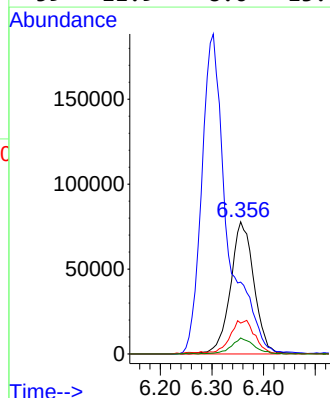
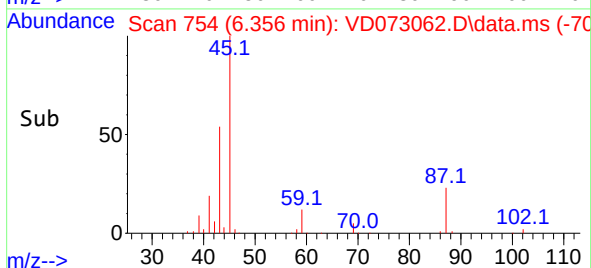
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

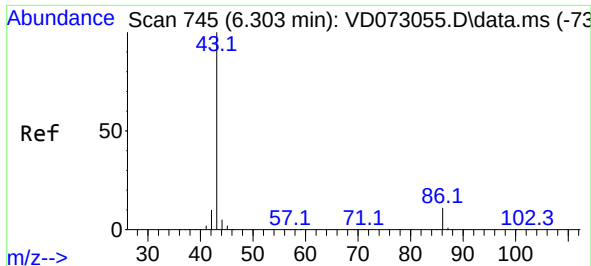


#22
Diisopropyl ether
Concen: 18.273 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.005 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



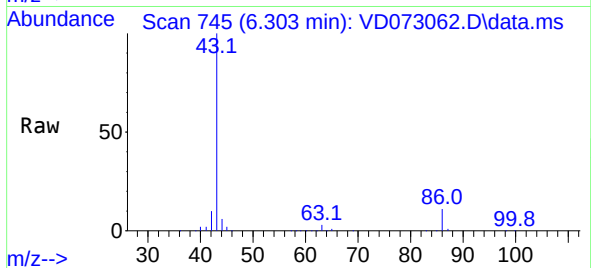
Tgt Ion: 45 Resp: 244489
Ion Ratio Lower Upper
45 100
43 54.1 46.6 70.0
87 23.0 18.4 27.6
59 11.9 8.6 13.0





#23
 Vinyl Acetate
 Concen: 89.873 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD073062.D
 Acq: 17 May 2022 17:39

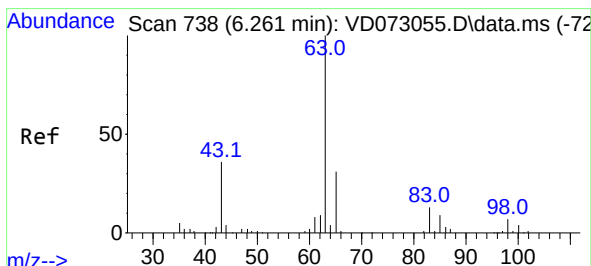
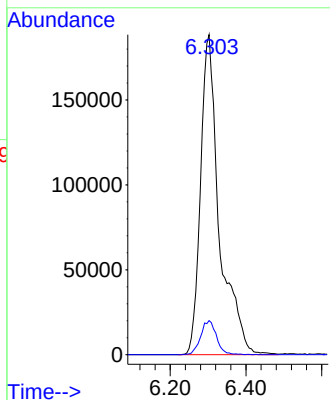
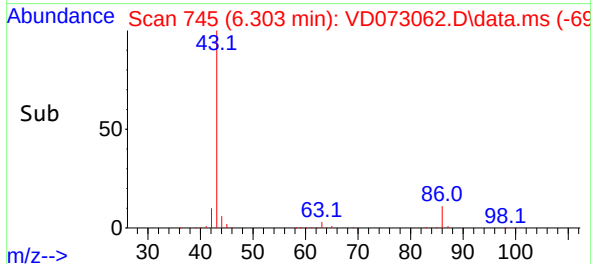
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS01



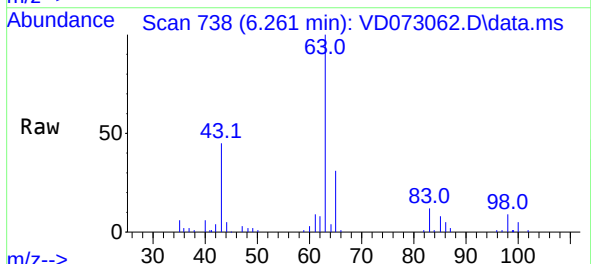
Tgt Ion: 43 Resp: 64961
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7

Manual Integrations
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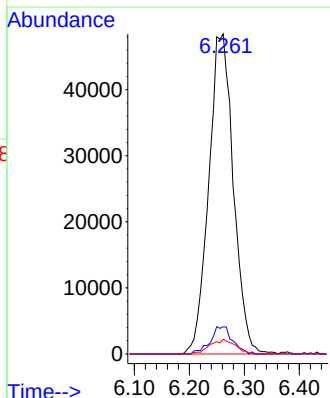
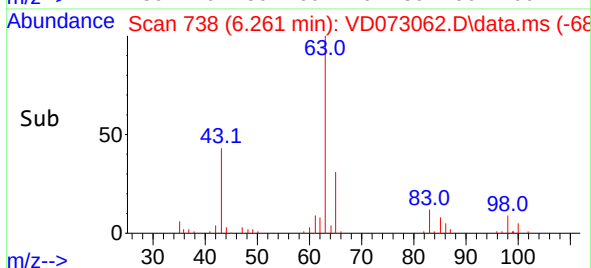
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

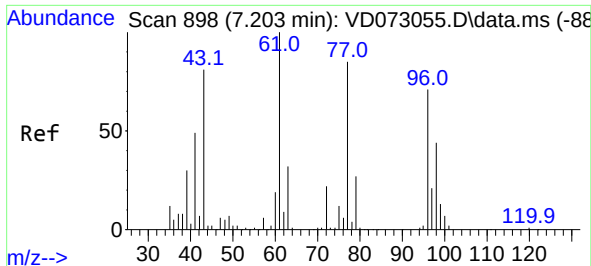


#24
 1,1-Dichloroethane
 Concen: 18.168 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073062.D
 Acq: 17 May 2022 17:39



Tgt Ion: 63 Resp: 151227
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.9
 100 4.6 2.1 6.5





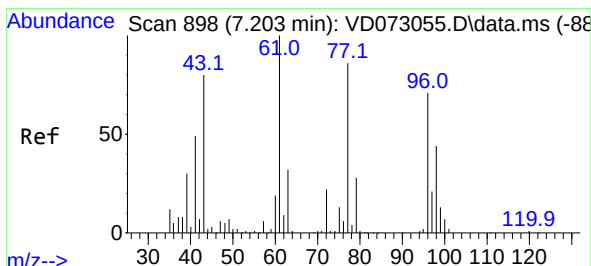
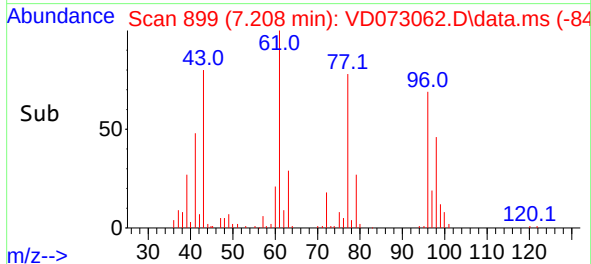
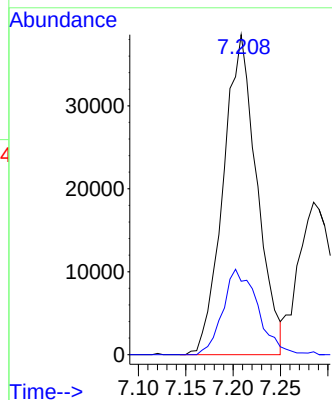
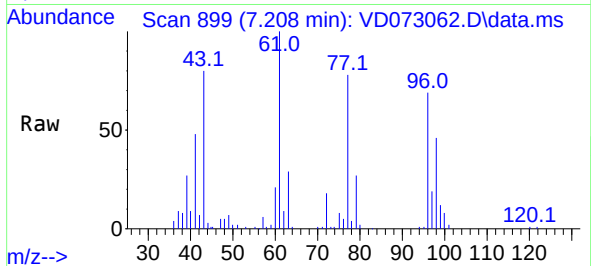
#25
2-Butanone
Concen: 82.020 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.005 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 43 Resp: 95186
Ion Ratio Lower Upper
43 100
72 22.9 18.6 27.8

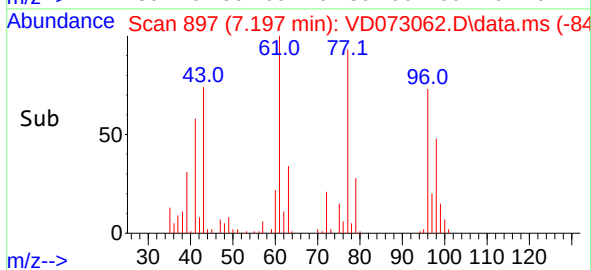
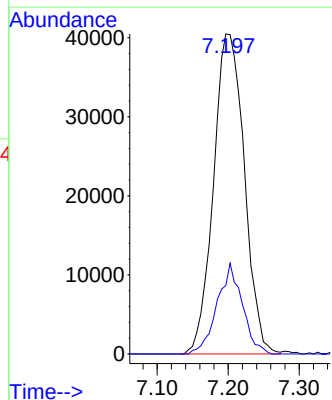
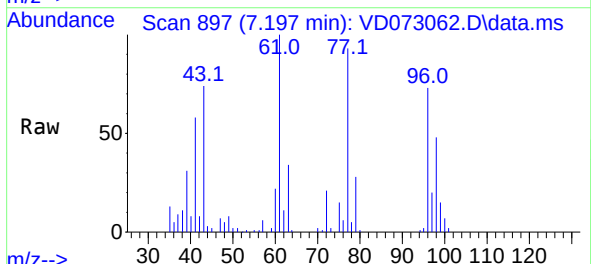
Manual Integrations
APPROVED

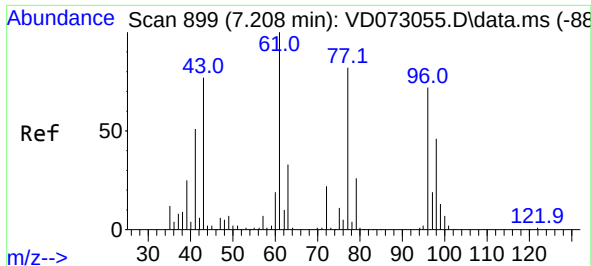
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#26
2,2-Dichloropropane
Concen: 17.325 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Tgt Ion: 77 Resp: 122095
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.4





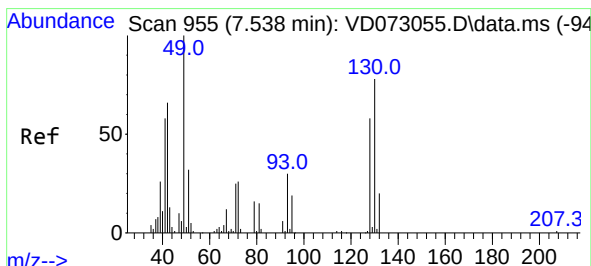
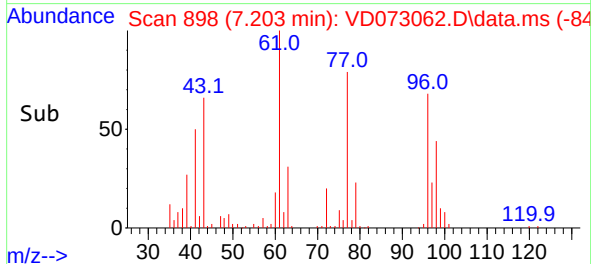
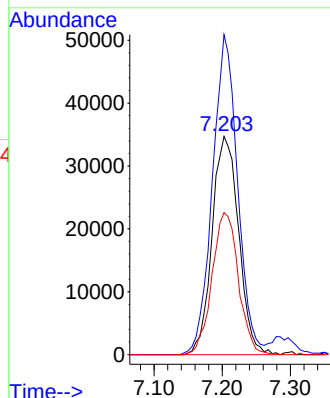
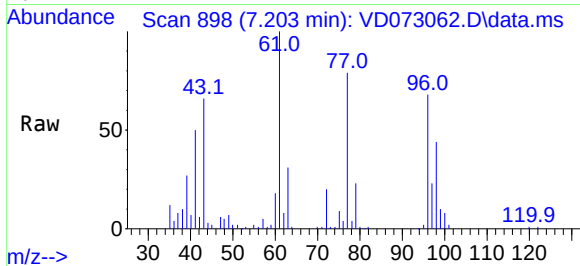
#27
cis-1,2-Dichloroethene
Concen: 18.250 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 96 Resp: 94190
Ion Ratio Lower Upper
96 100
61 138.7 0.0 313.8
98 64.7 0.0 128.8

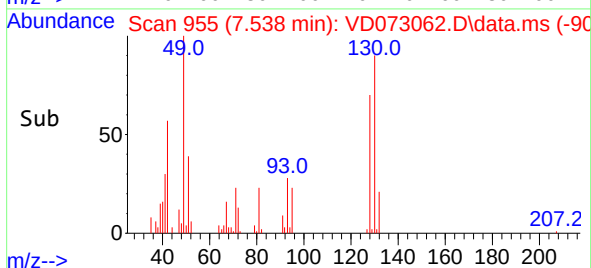
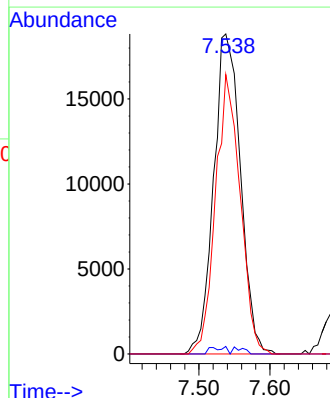
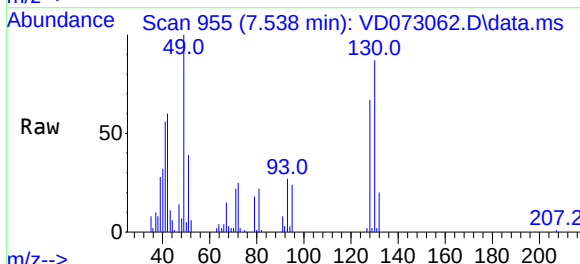
Manual Integrations
APPROVED

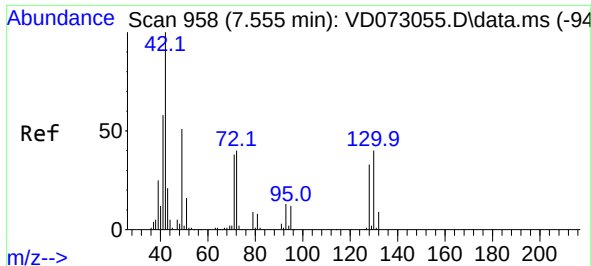
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#28
Bromochloromethane
Concen: 17.335 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

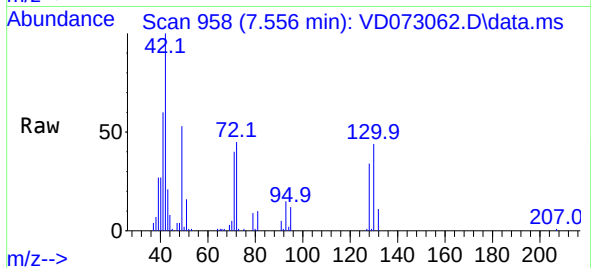
Tgt Ion: 49 Resp: 49429
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.0
130 80.0 52.6 79.0#





#29
Tetrahydrofuran
Concen: 86.258 ug/l
RT: 7.556 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

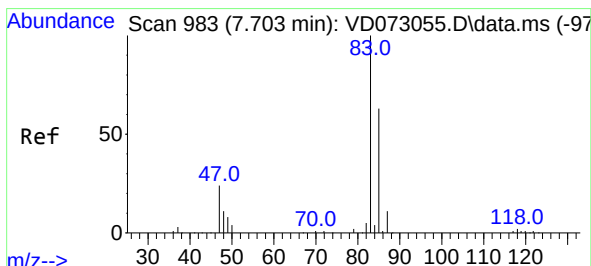
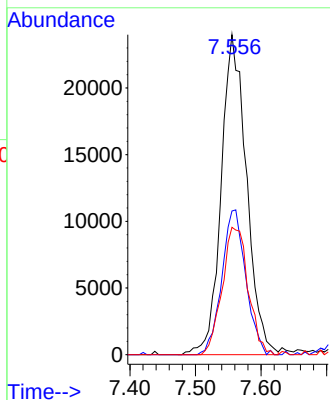
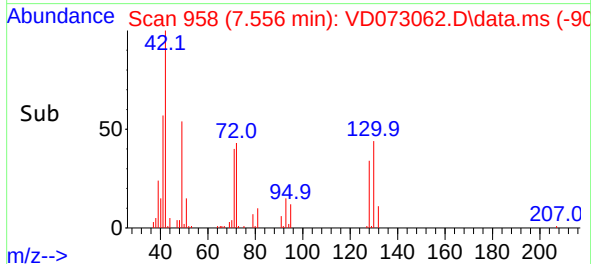
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



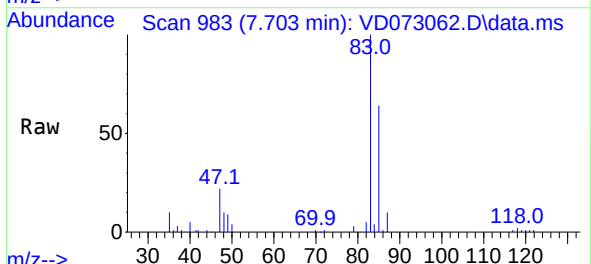
Tgt Ion: 42 Resp: 64414
Ion Ratio Lower Upper
42 100
72 42.9 30.7 46.1
71 40.8 28.6 43.0

Manual Integrations
APPROVED

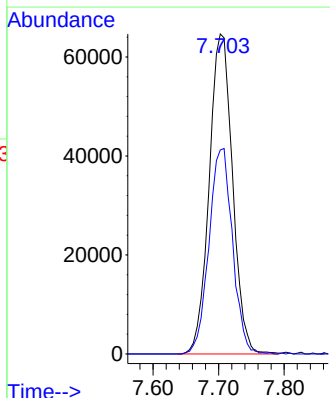
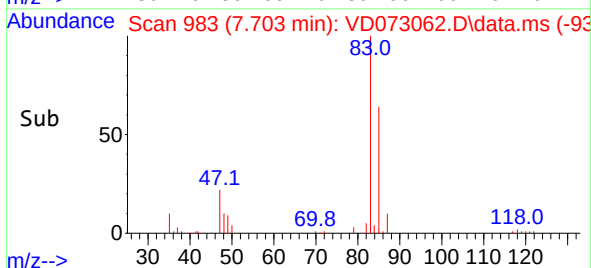
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

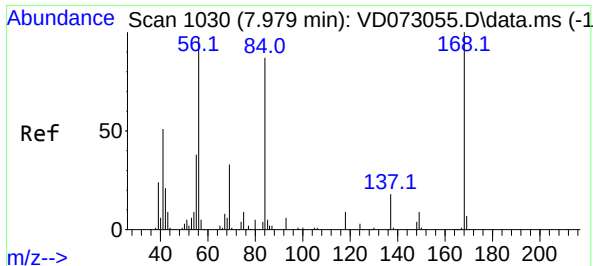


#30
Chloroform
Concen: 17.951 ug/l
RT: 7.703 min Scan# 983
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



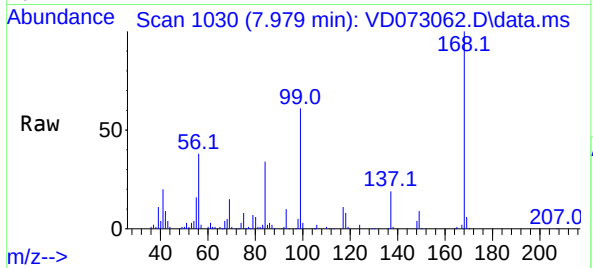
Tgt Ion: 83 Resp: 159877
Ion Ratio Lower Upper
83 100
85 63.8 52.7 79.1





#31
Cyclohexane
Concen: 17.009 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

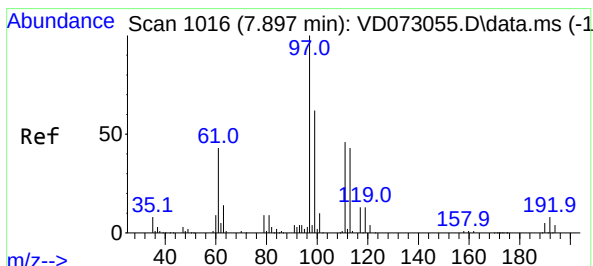
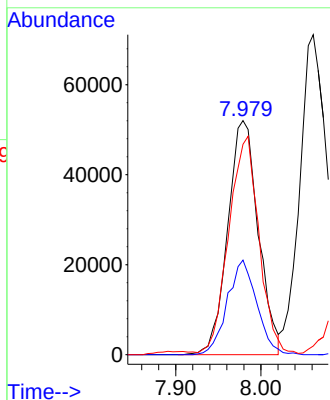
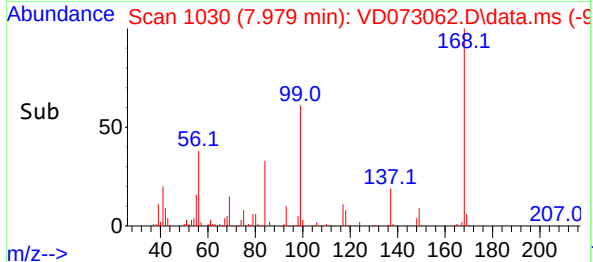
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



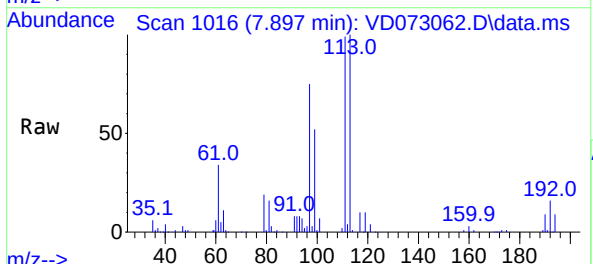
Tgt Ion: 56 Resp: 12975
Ion Ratio Lower Upper
56 100
69 40.4 25.4 38.2
84 88.6 63.0 94.4

Manual Integrations
APPROVED

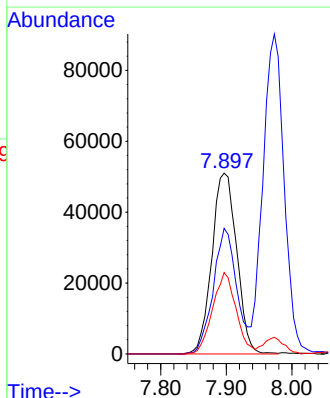
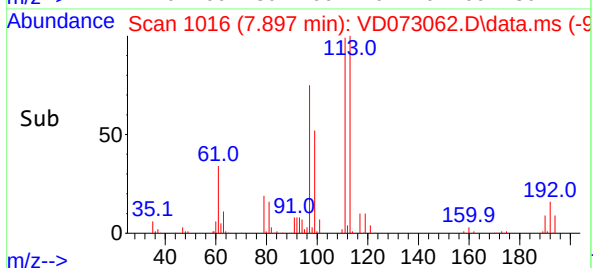
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

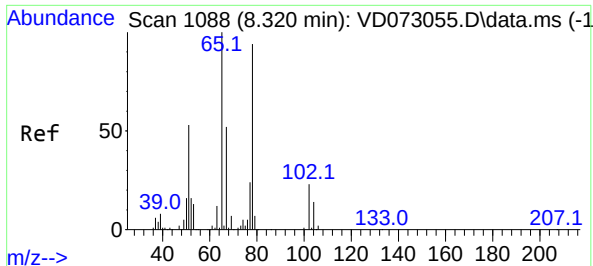


#32
1,1,1-Trichloroethane
Concen: 17.576 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



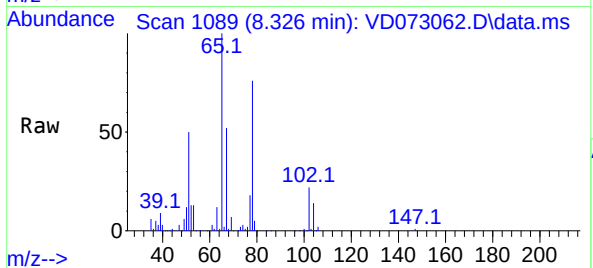
Tgt Ion: 97 Resp: 134113
Ion Ratio Lower Upper
97 100
99 64.9 52.4 78.6
61 42.6 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 47.663 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

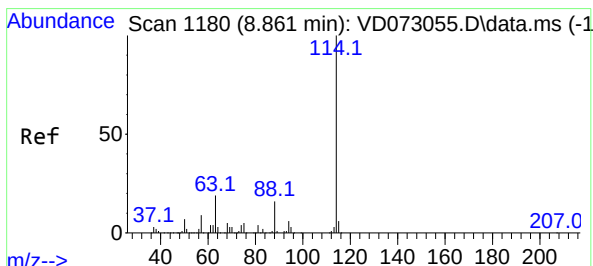
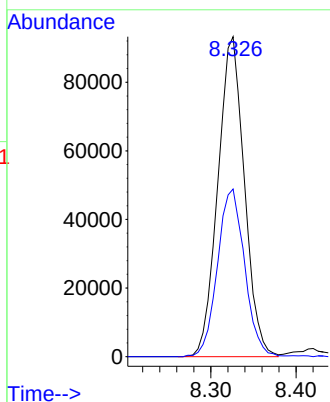
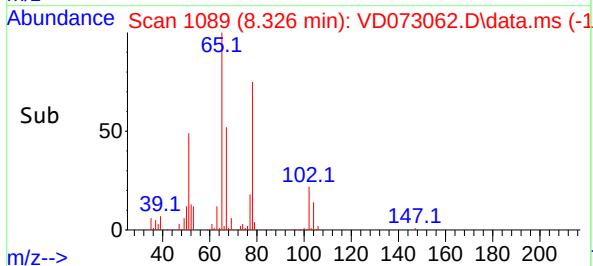
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



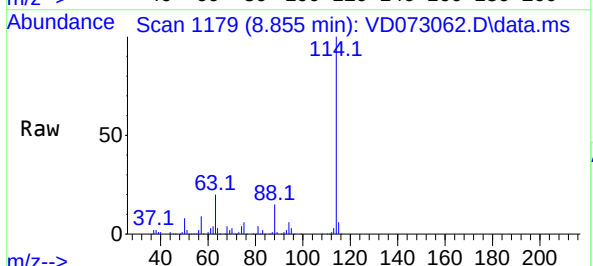
Tgt Ion: 65 Resp: 201854
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.4

Manual Integrations
APPROVED

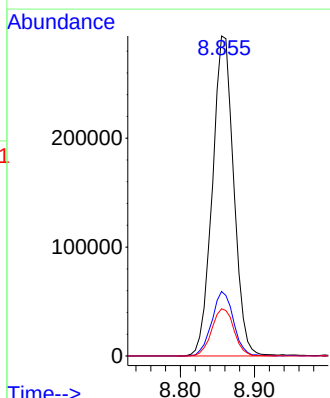
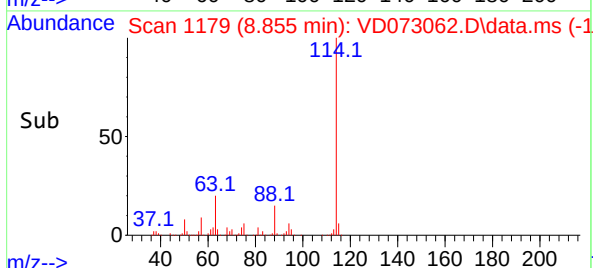
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

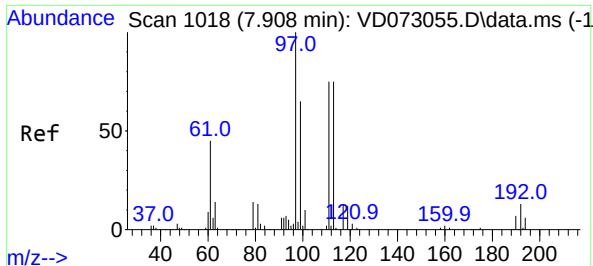


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



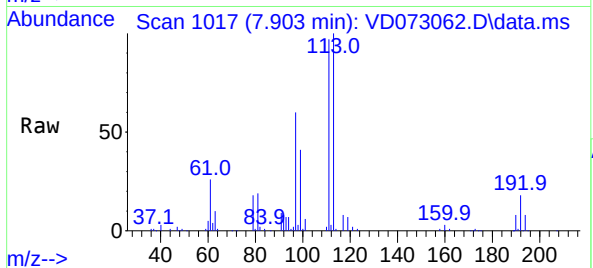
Tgt Ion:114 Resp: 587626
Ion Ratio Lower Upper
114 100
63 20.1 0.0 46.6
88 14.8 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.758 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.005 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

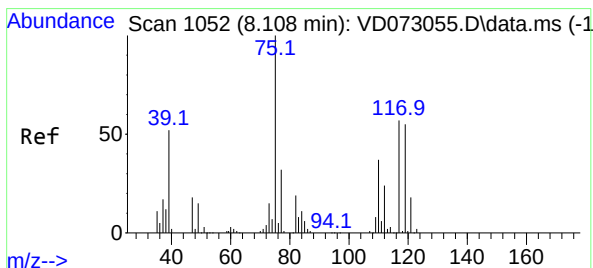
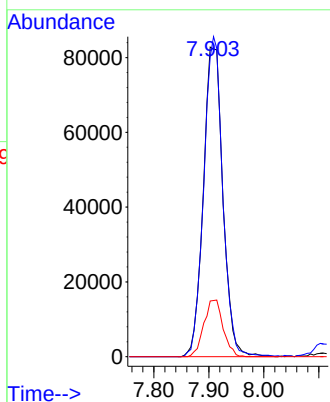
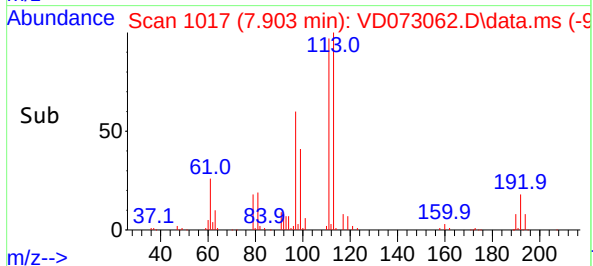
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



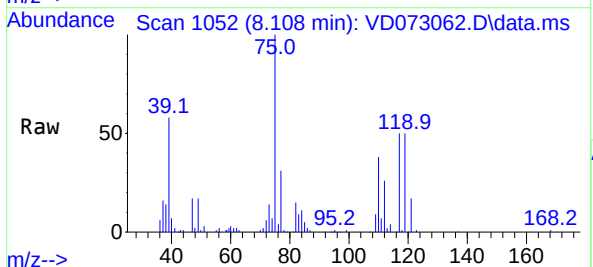
Tgt Ion: 113 Resp: 20529
Ion Ratio Lower Upper
113 100
111 99.8 83.8 125.6
192 17.9 14.6 21.8

Manual Integrations
APPROVED

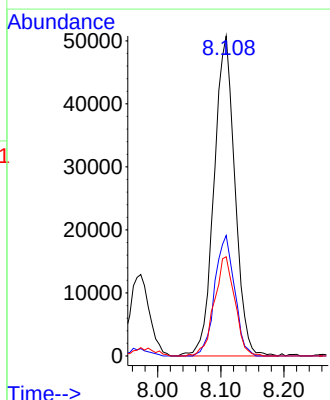
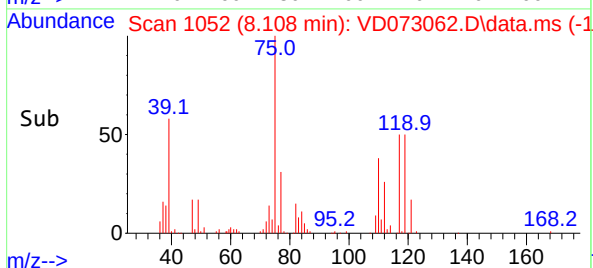
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

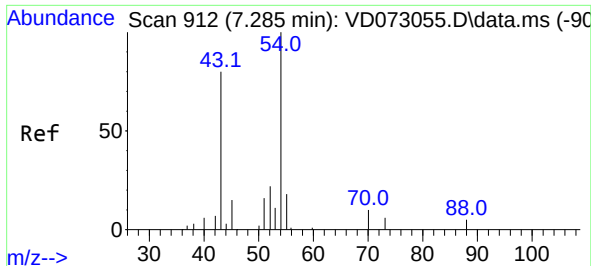


#36
1,1-Dichloropropene
Concen: 17.312 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



Tgt Ion: 75 Resp: 116379
Ion Ratio Lower Upper
75 100
110 35.7 16.4 49.1
77 30.6 24.2 36.2





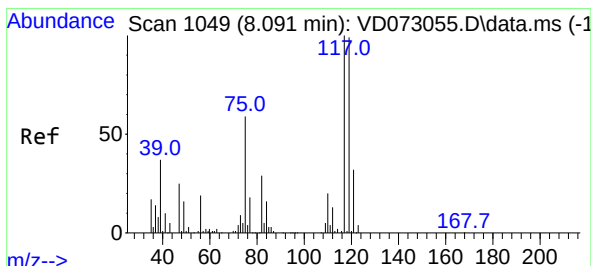
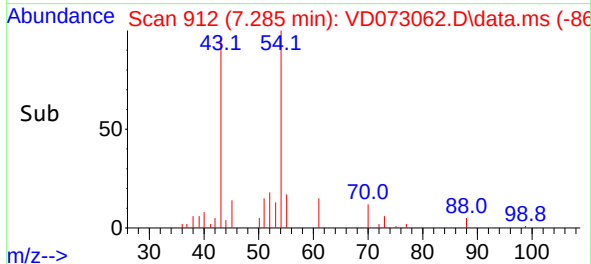
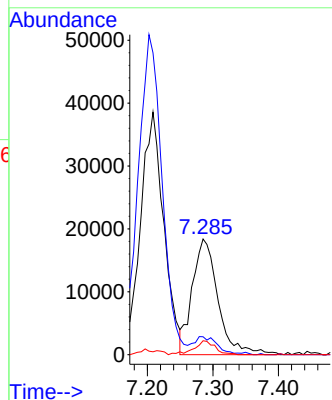
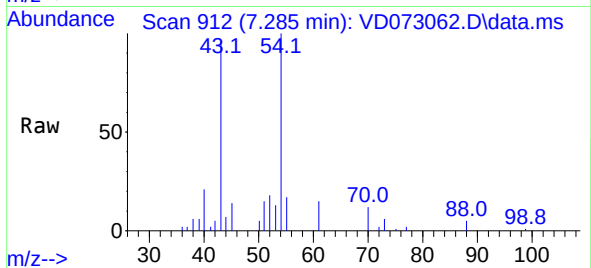
#37
Ethyl Acetate
Concen: 17.786 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 43 Resp: 50210
Ion Ratio Lower Upper
43 100
61 12.6 9.8 14.8
70 9.8 6.9 10.3

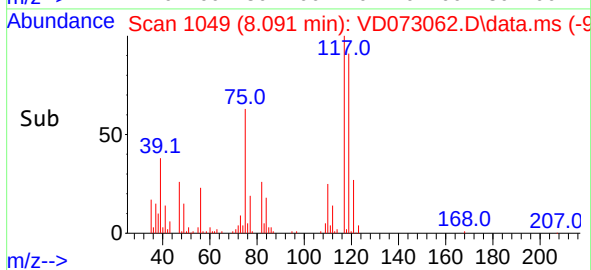
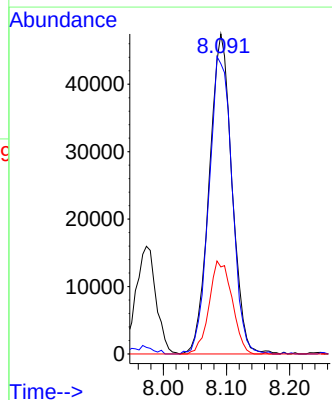
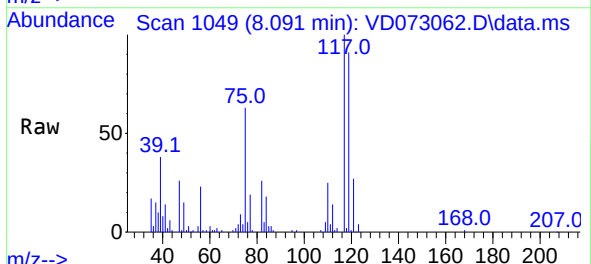
Manual Integrations
APPROVED

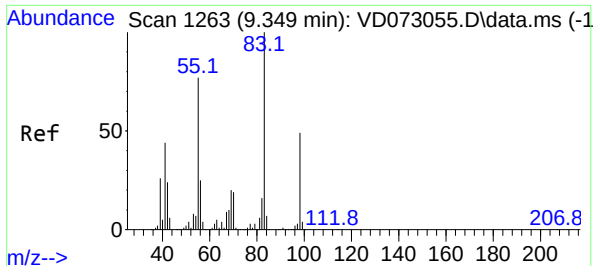
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#38
Carbon Tetrachloride
Concen: 17.227 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Tgt Ion:117 Resp: 118481
Ion Ratio Lower Upper
117 100
119 90.7 75.8 113.6
121 27.2 24.5 36.7





#39

Methylcyclohexane

Concen: 15.700 ug/l

RT: 9.350 min Scan# 123079

Delta R.T. 0.001 min

Lab File: VD073062.D

Acq: 17 May 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS01

Tgt Ion: 83 Resp: 123079

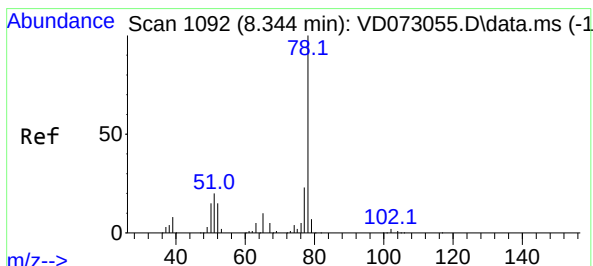
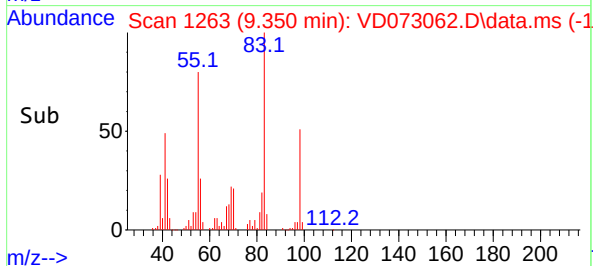
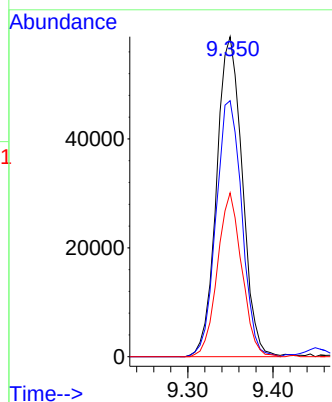
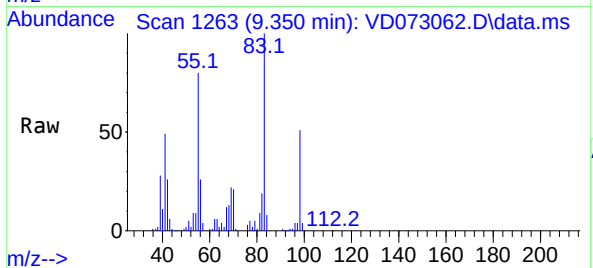
Ion	Ratio	Lower	Upper
83	100		
55	80.0	63.2	94.8
98	51.2	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Benzene

Concen: 17.552 ug/l

RT: 8.344 min Scan# 1092

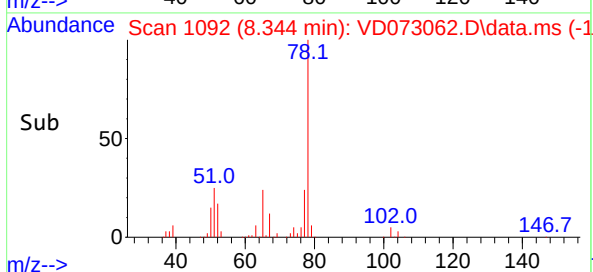
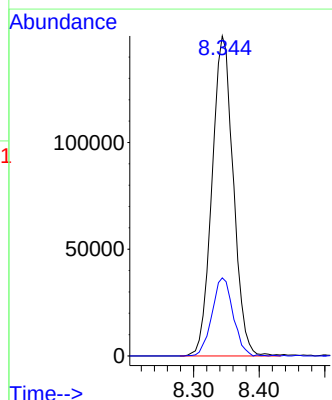
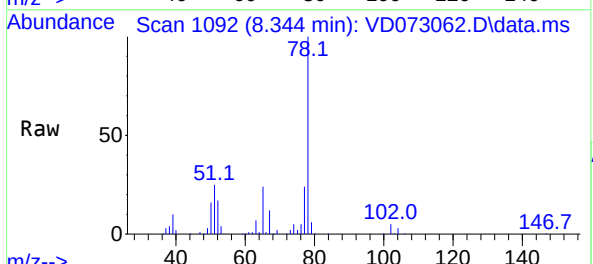
Delta R.T. -0.000 min

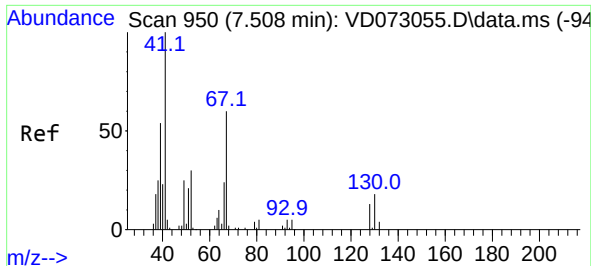
Lab File: VD073062.D

Acq: 17 May 2022 17:39

Tgt Ion: 78 Resp: 337388

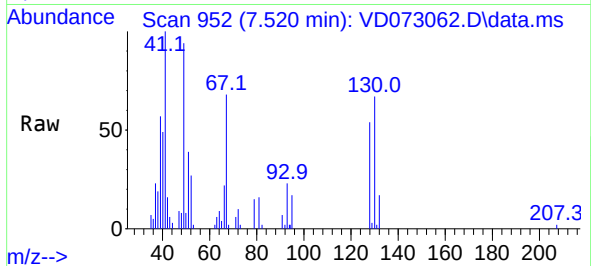
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7





#41
Methacrylonitrile
Concen: 14.174 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

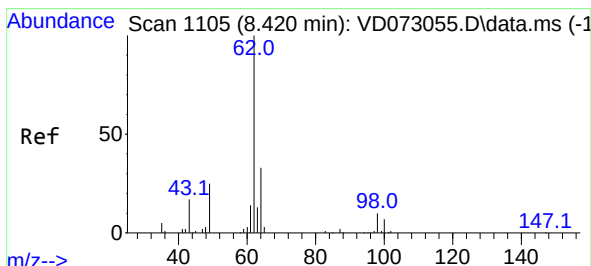
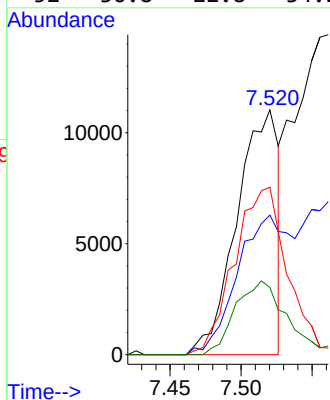
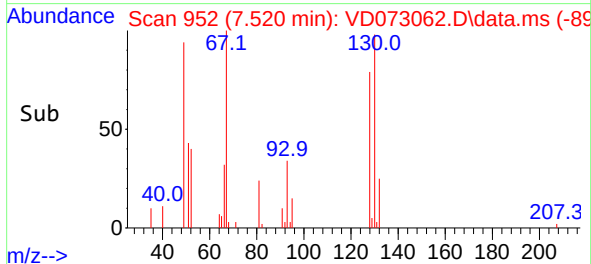
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



Tgt Ion: 41 Resp: 22560
Ion Ratio Lower Upper
41 100
39 74.0 44.6 67.0
67 86.6 48.2 72.4
52 36.8 22.8 34.2

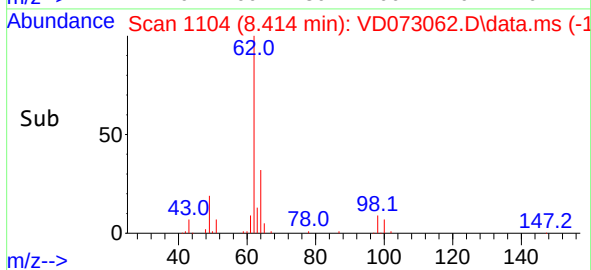
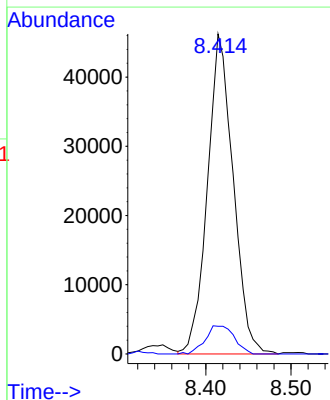
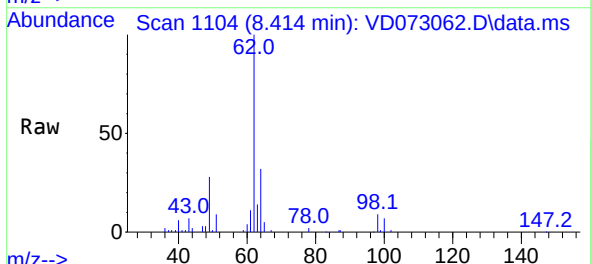
Manual Integrations
APPROVED

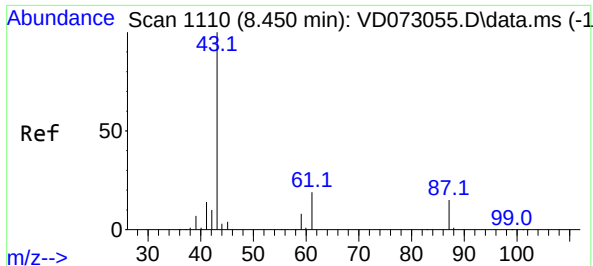
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#42
1,2-Dichloroethane
Concen: 17.340 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

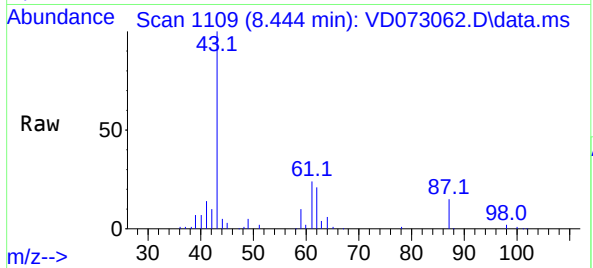
Tgt Ion: 62 Resp: 97016
Ion Ratio Lower Upper
62 100
98 9.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 17.048 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

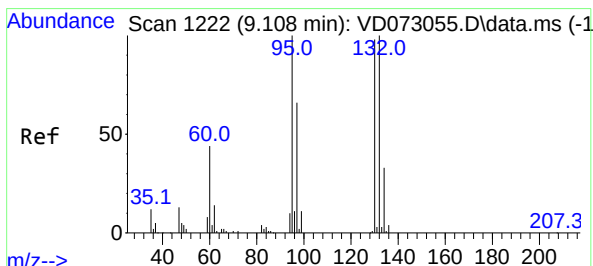
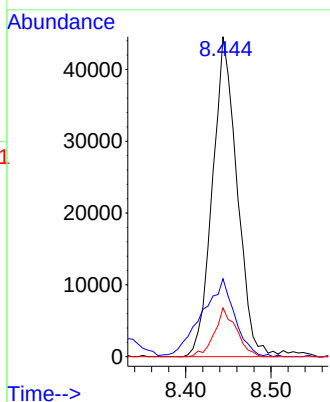
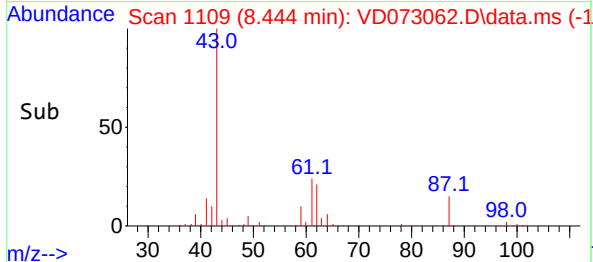
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



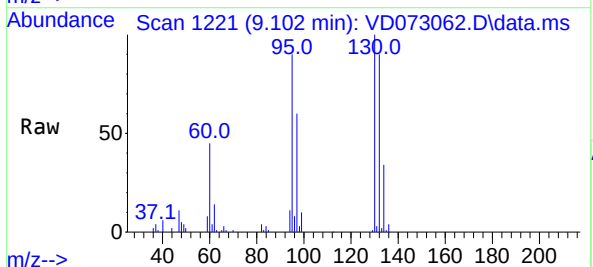
Tgt Ion: 43 Resp: 89480
Ion Ratio Lower Upper
43 100
61 32.6 22.4 33.6
87 13.5 8.7 13.1

Manual Integrations
APPROVED

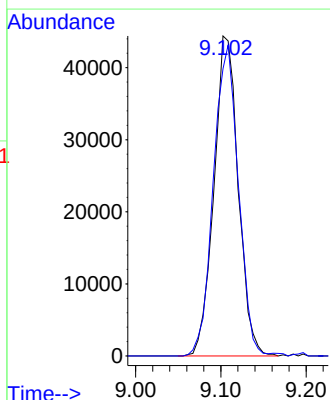
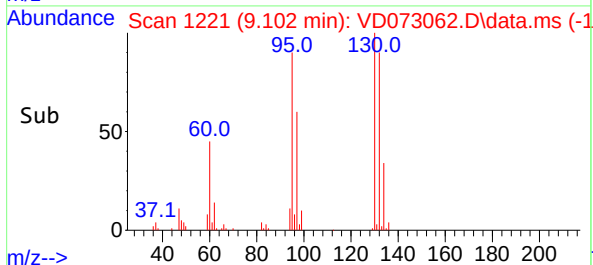
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

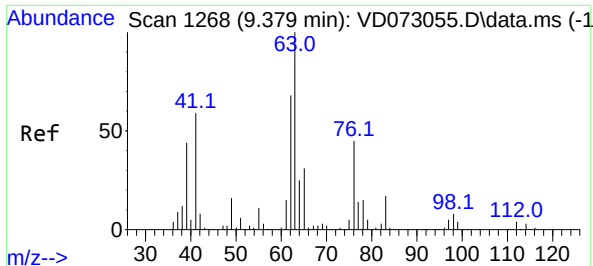


#44
Trichloroethene
Concen: 16.928 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



Tgt Ion:130 Resp: 88016
Ion Ratio Lower Upper
130 100
95 89.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 16.592 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073062.D

Acq: 17 May 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS01

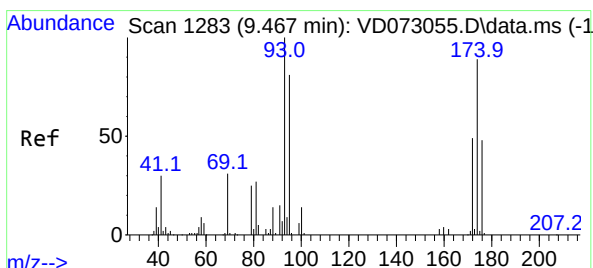
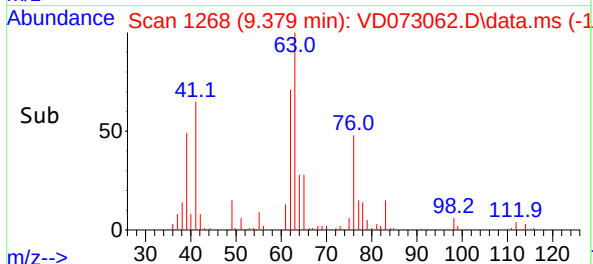
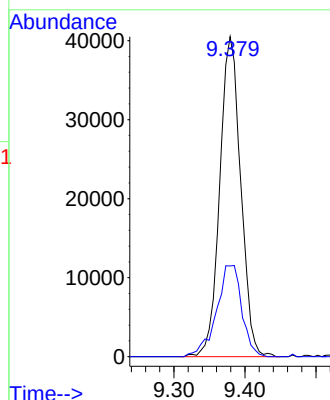
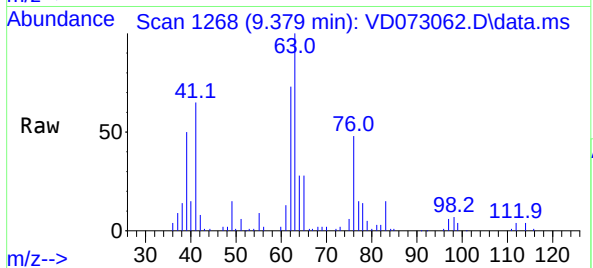
Tgt Ion: 63 Resp: 82824
 Ion Ratio Lower Upper
 63 100
 65 28.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#46

Dibromomethane

Concen: 16.286 ug/l

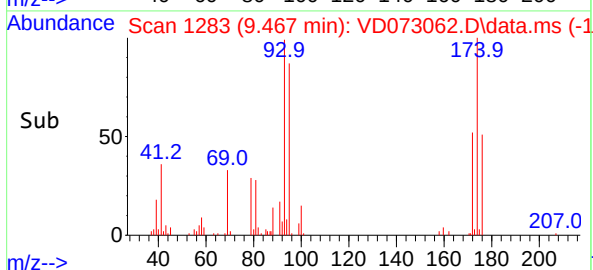
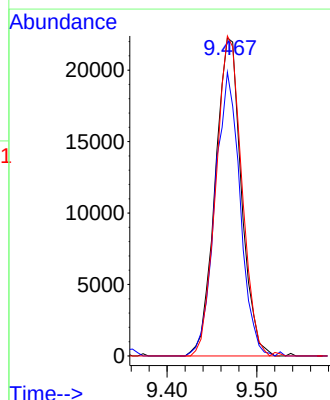
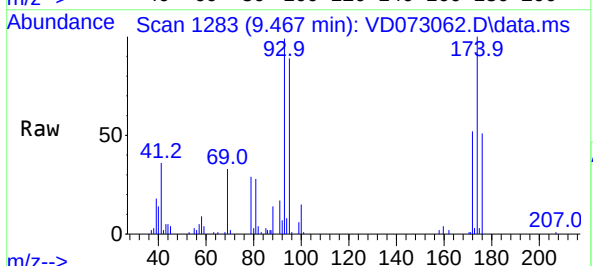
RT: 9.467 min Scan# 1283

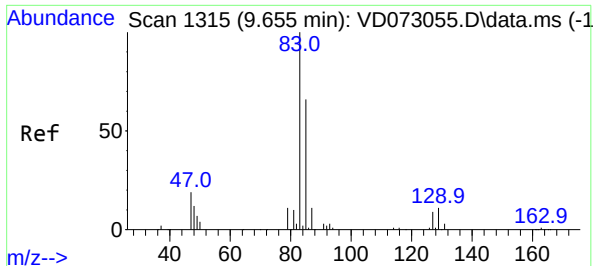
Delta R.T. 0.000 min

Lab File: VD073062.D

Acq: 17 May 2022 17:39

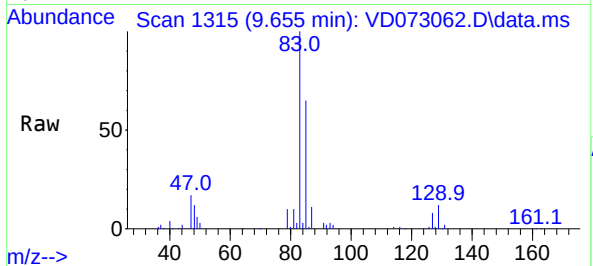
Tgt Ion: 93 Resp: 44953
 Ion Ratio Lower Upper
 93 100
 95 85.7 66.7 100.1
 174 99.6 71.6 107.4





#47
Bromodichloromethane
Concen: 17.184 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

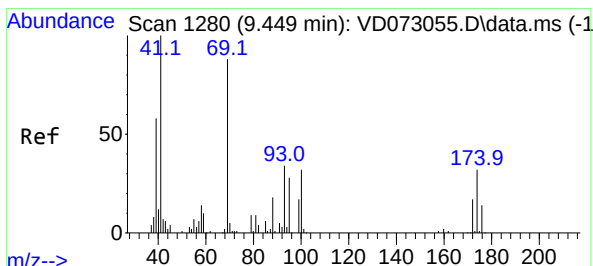
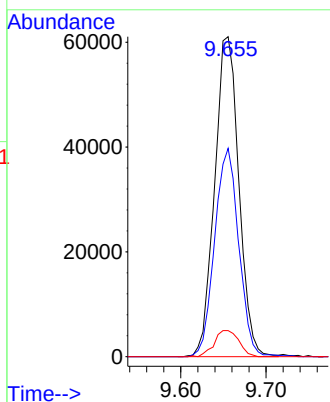
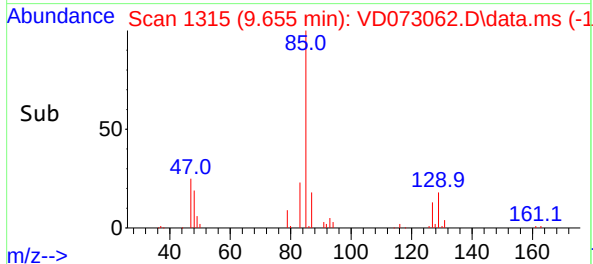
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



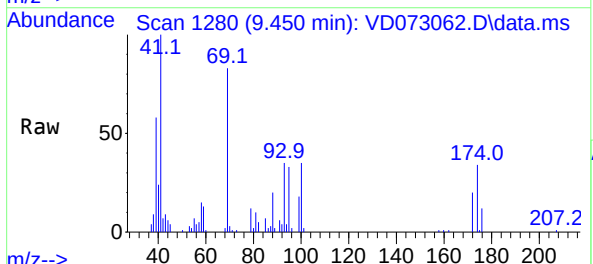
Tgt Ion: 83 Resp: 120472
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.0
127 8.1 6.1 9.1

Manual Integrations
APPROVED

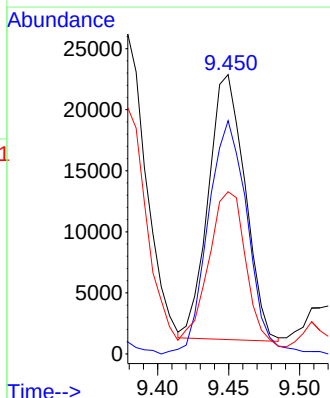
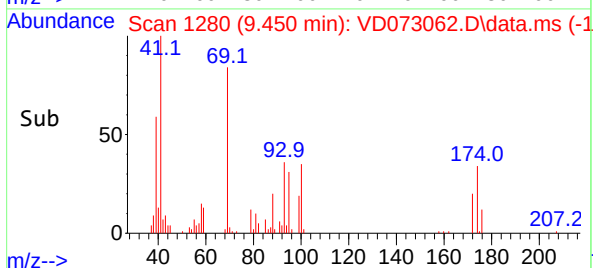
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

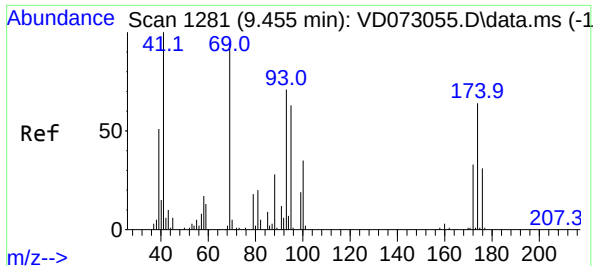


#48
Methyl methacrylate
Concen: 14.926 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.001 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



Tgt Ion: 41 Resp: 38861
Ion Ratio Lower Upper
41 100
69 95.2 56.7 85.1#
39 67.0 42.7 64.1#





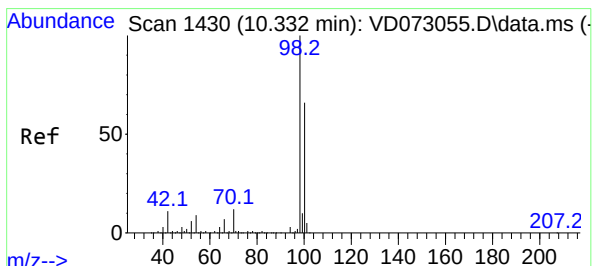
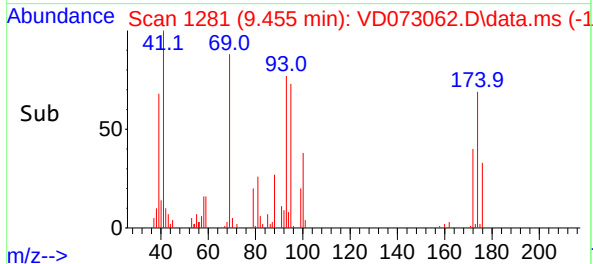
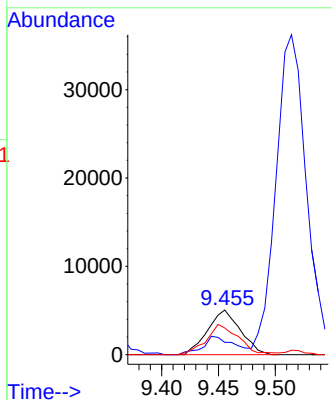
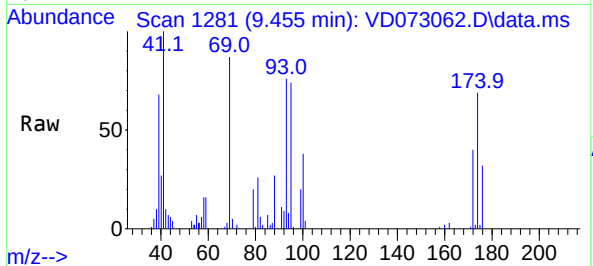
#49
1,4-Dioxane
Concen: 352.120 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 88 Resp: 10119
Ion Ratio Lower Upper
88 100
43 40.3 31.0 46.4
58 67.0 58.1 87.1

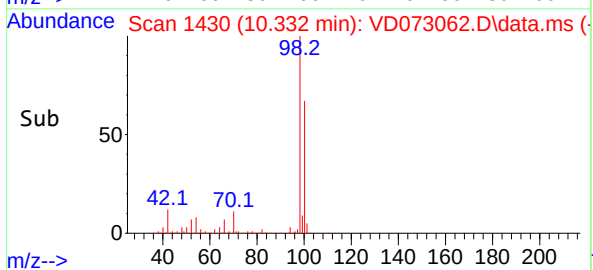
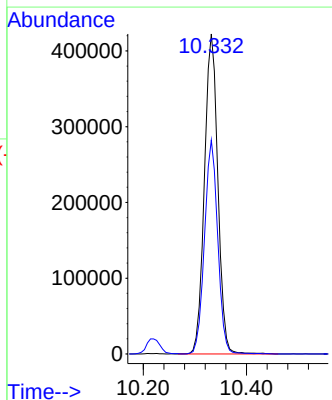
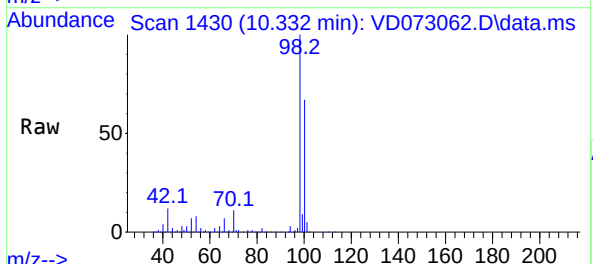
Manual Integrations
APPROVED

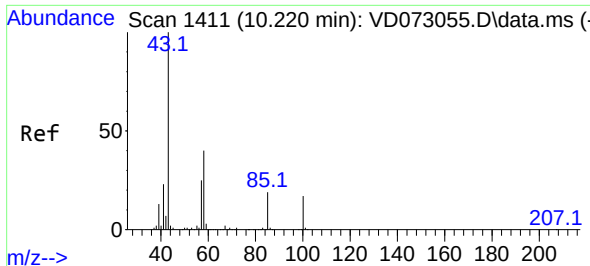
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#50
Toluene-d8
Concen: 50.801 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

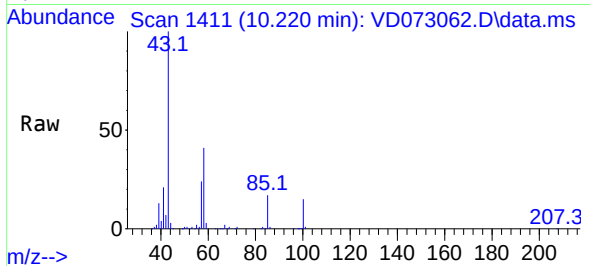
Tgt Ion: 98 Resp: 760367
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 86.551 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

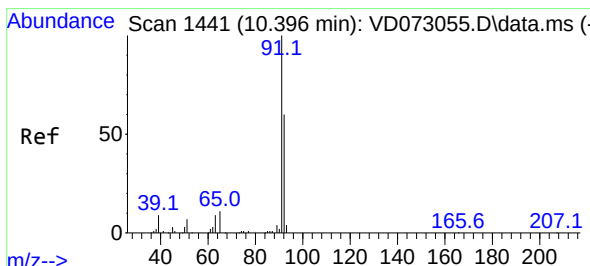
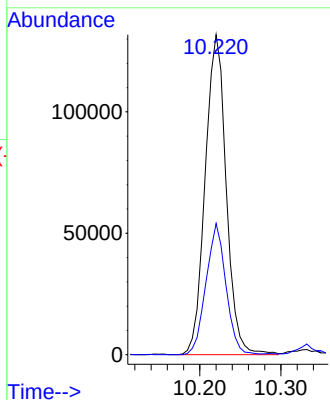
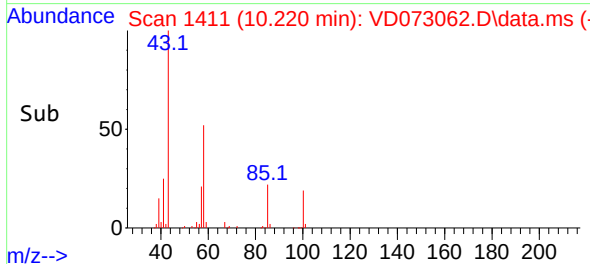
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



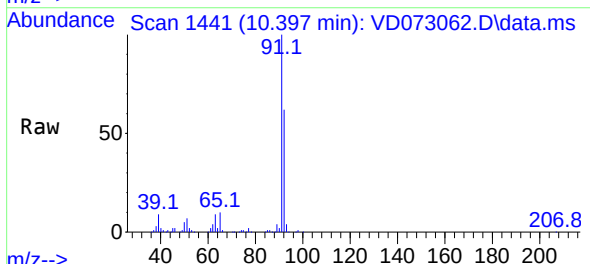
Tgt Ion: 43 Resp: 23708
Ion Ratio Lower Upper
43 100
58 38.9 28.6 43.0

Manual Integrations
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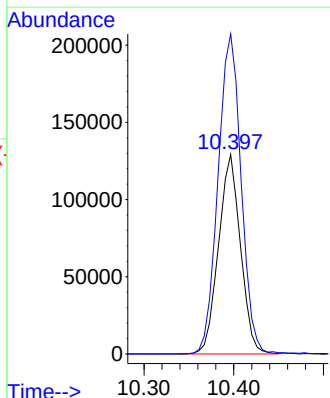
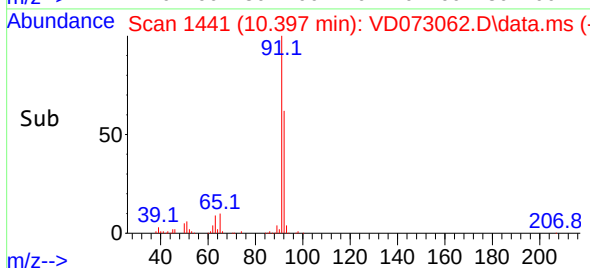
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

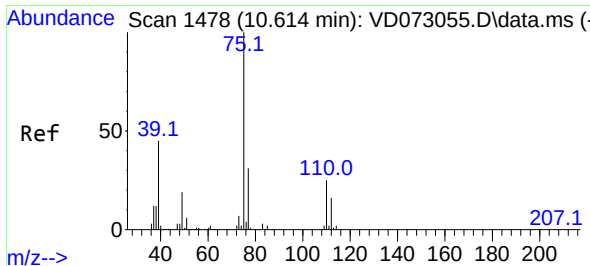


#52
Toluene
Concen: 17.975 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



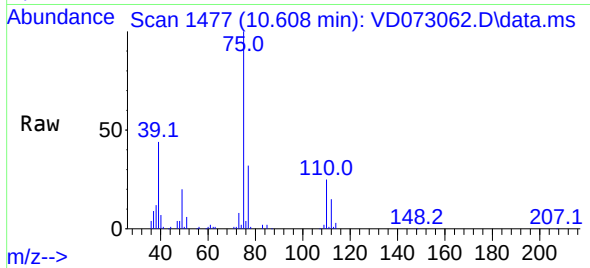
Tgt Ion: 92 Resp: 219363
Ion Ratio Lower Upper
92 100
91 169.3 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 17.123 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

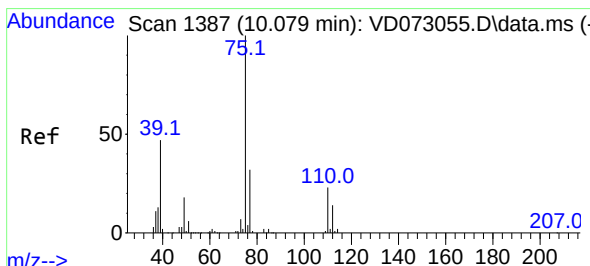
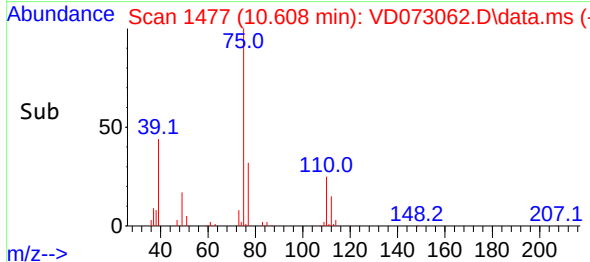
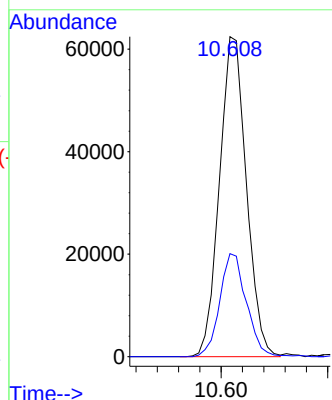
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



Tgt Ion: 75 Resp: 10948
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7

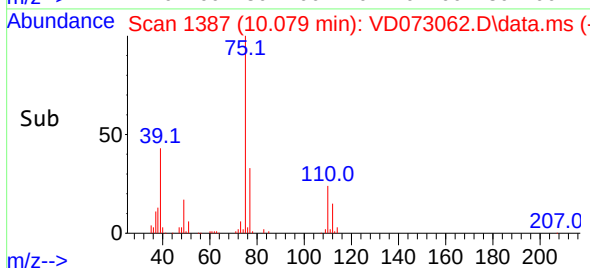
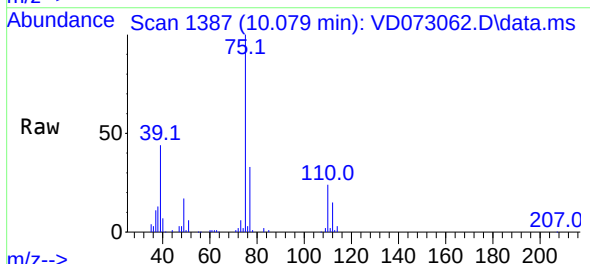
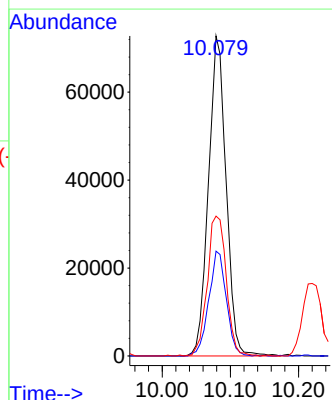
Manual Integrations
APPROVED

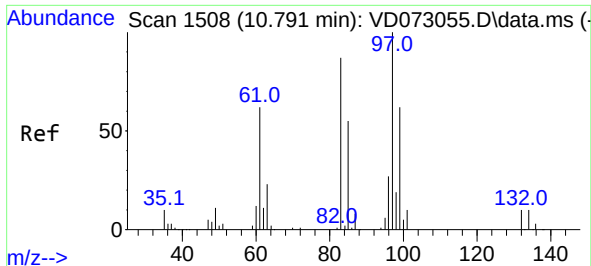
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#54
cis-1,3-Dichloropropene
Concen: 17.393 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

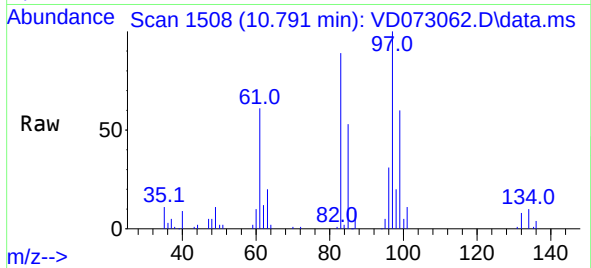
Tgt Ion: 75 Resp: 131117
Ion Ratio Lower Upper
75 100
77 32.7 24.8 37.2
39 43.7 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 17.324 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

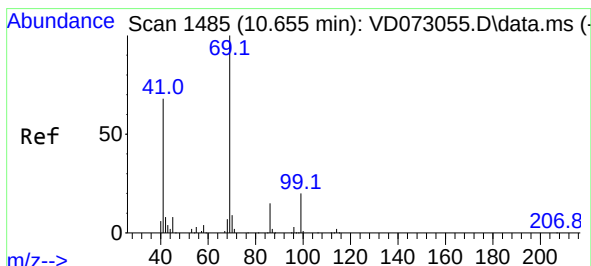
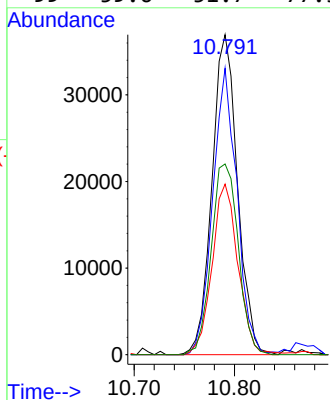
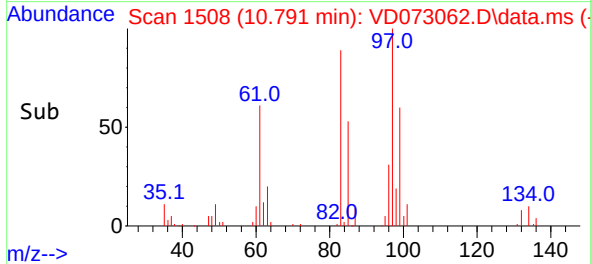


Tgt Ion: 97 Resp: 65270

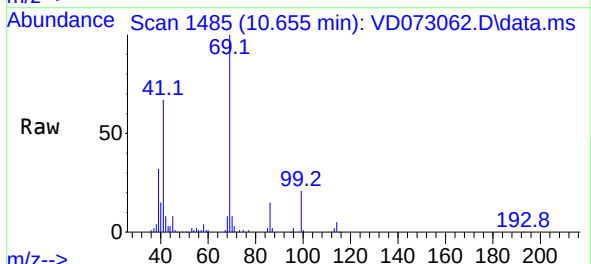
Ion	Ratio	Lower	Upper
97	100		
83	89.5	69.0	103.4
85	53.3	42.6	63.8
99	59.6	51.7	77.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

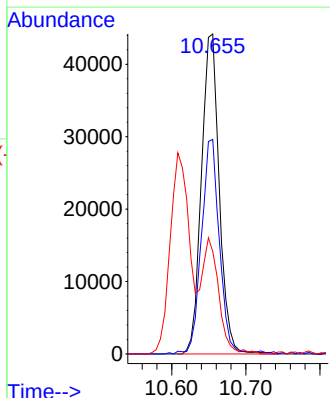
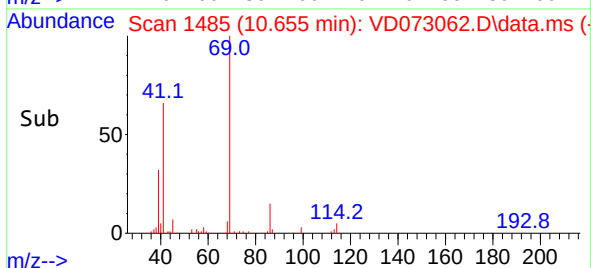


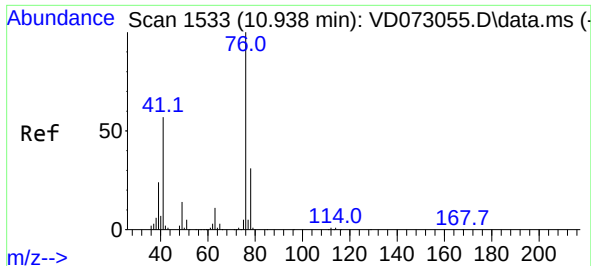
#56
Ethyl methacrylate
Concen: 17.356 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



Tgt Ion: 69 Resp: 73953

Ion	Ratio	Lower	Upper
69	100		
41	68.1	63.0	94.6
39	35.3	33.8	50.8





#57

1,3-Dichloropropane

Concen: 17.234 ug/l

RT: 10.938 min Scan# 11048

Delta R.T. -0.000 min

Lab File: VD073062.D

Acq: 17 May 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

VD0517SBS01

Tgt Ion: 76 Resp: 11048

Ion Ratio Lower Upper

76 100

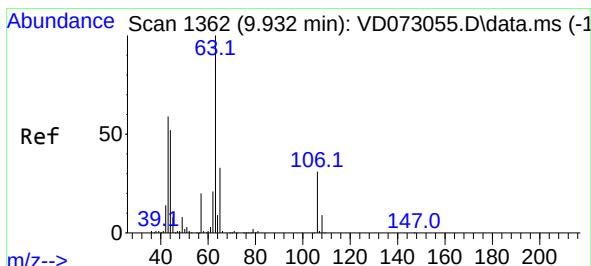
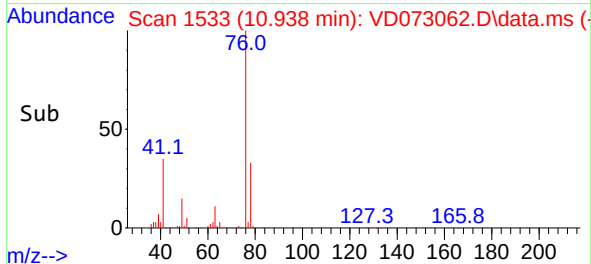
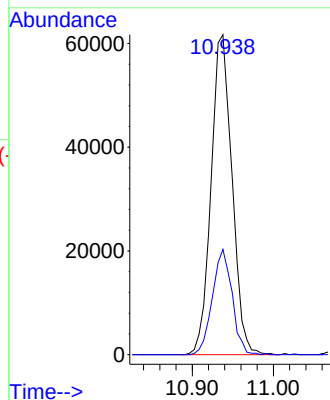
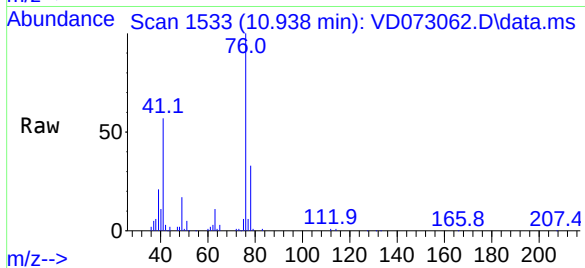
78 31.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 82.378 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073062.D

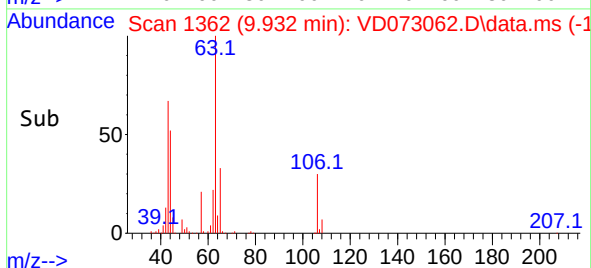
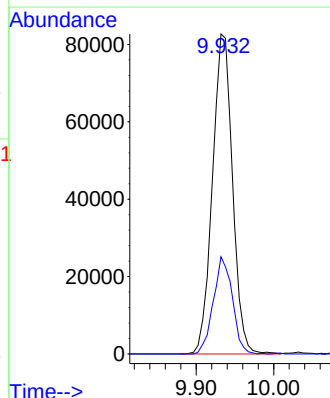
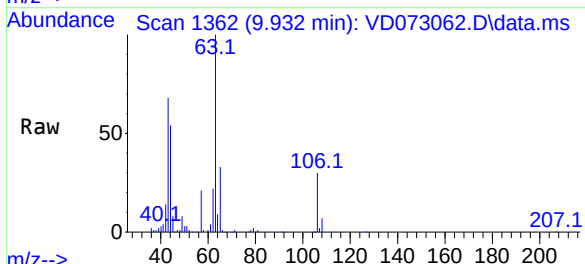
Acq: 17 May 2022 17:39

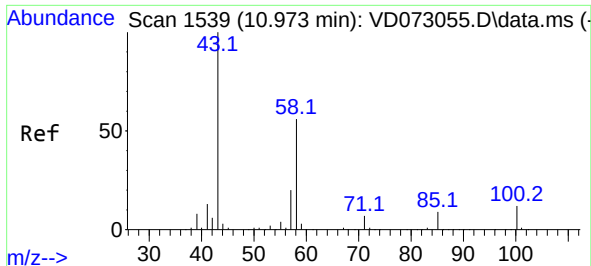
Tgt Ion: 63 Resp: 148653

Ion Ratio Lower Upper

63 100

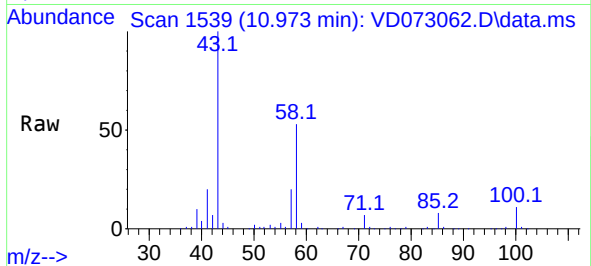
106 28.8 21.4 32.0





#59
2-Hexanone
Concen: 84.534 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

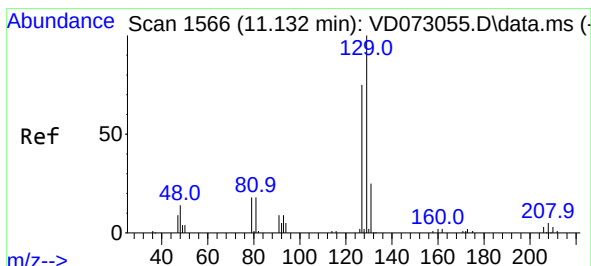
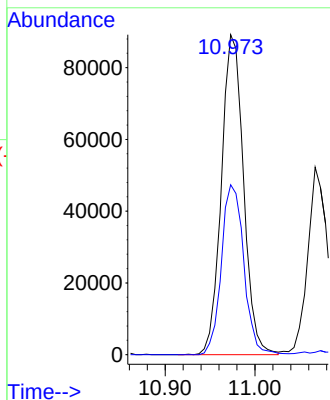
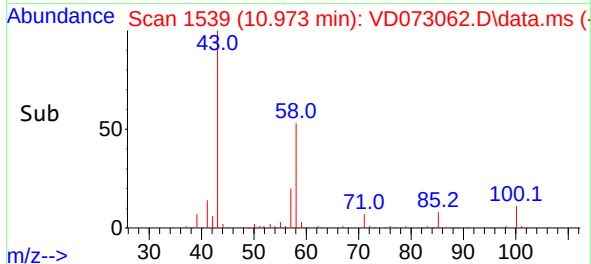
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



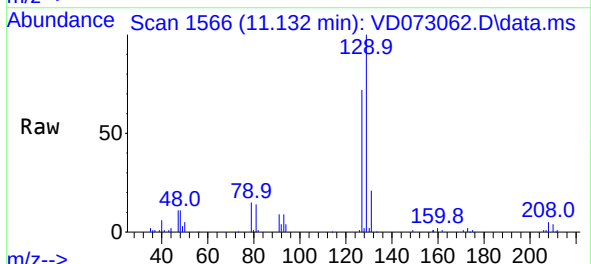
Tgt Ion: 43 Resp: 152969
Ion Ratio Lower Upper
43 100
58 53.7 25.3 75.9

Manual Integrations
APPROVED

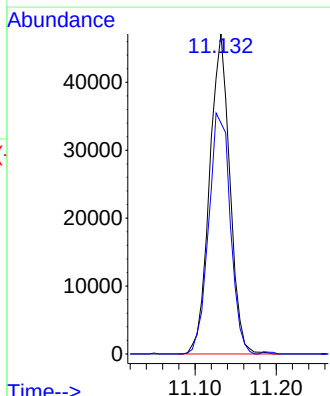
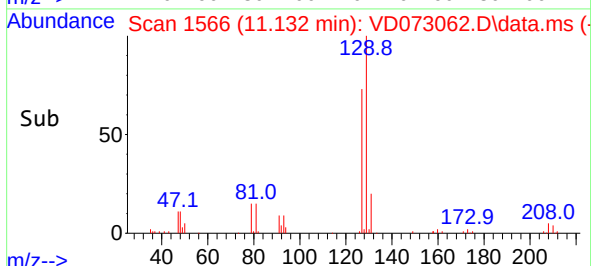
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

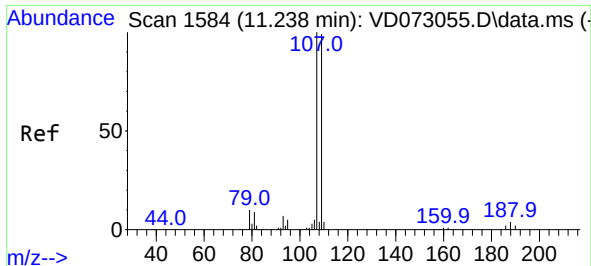


#60
Dibromochloromethane
Concen: 17.430 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



Tgt Ion:129 Resp: 81584
Ion Ratio Lower Upper
129 100
127 80.6 39.2 117.6





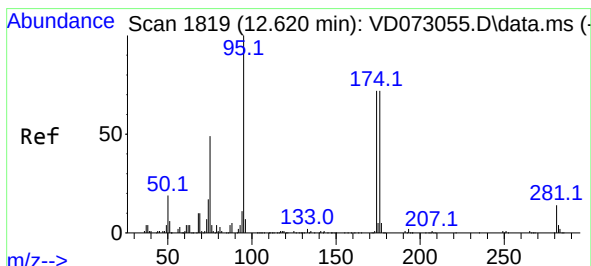
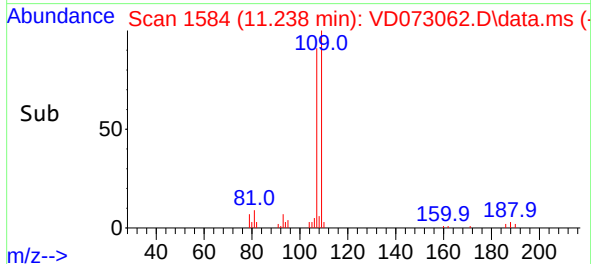
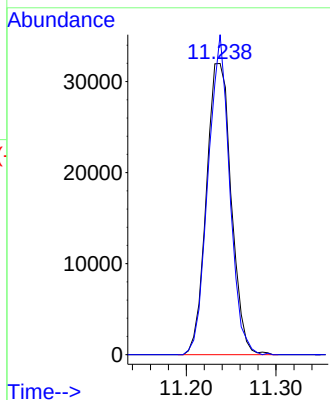
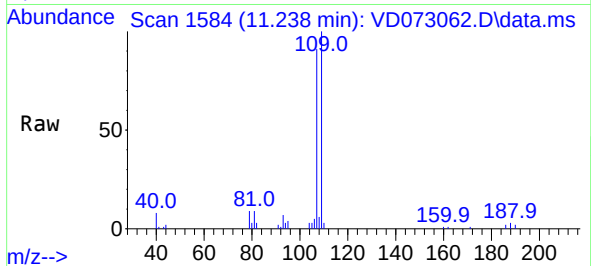
#61
1,2-Dibromoethane
Concen: 16.967 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion:107 Resp: 6151
Ion Ratio Lower Upper
107 100
109 95.4 74.2 111.4

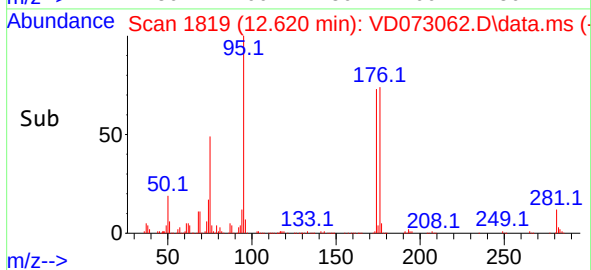
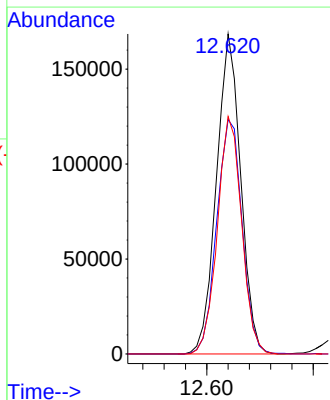
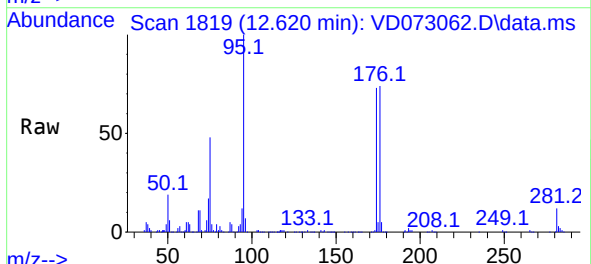
Manual Integrations
APPROVED

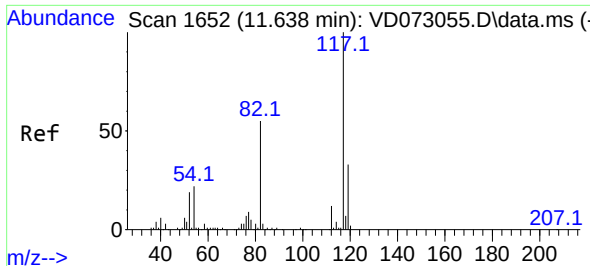
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#62
4-Bromofluorobenzene
Concen: 49.036 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

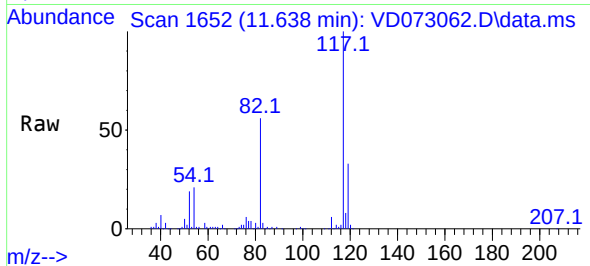
Tgt Ion: 95 Resp: 265834
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 74.1 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

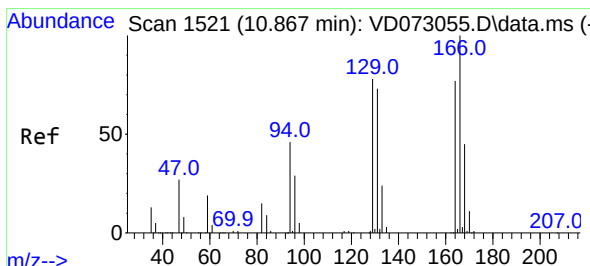
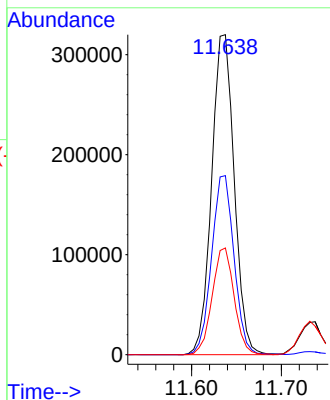
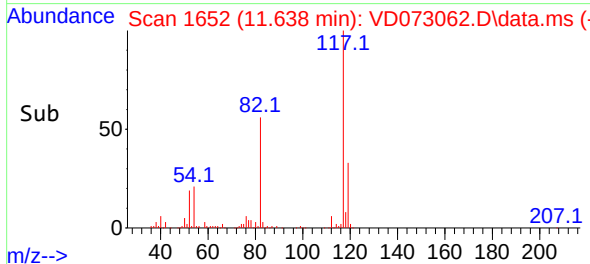
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



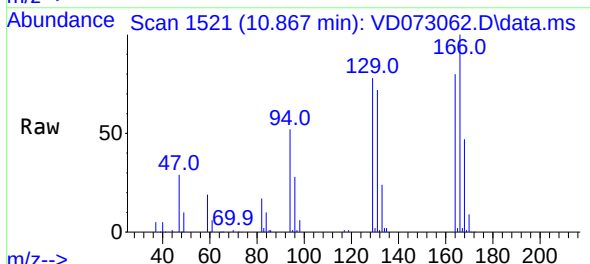
Tgt Ion:117 Resp: 55988
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 33.4 26.6 40.0

Manual Integrations
APPROVED

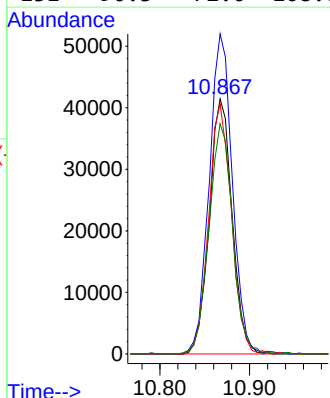
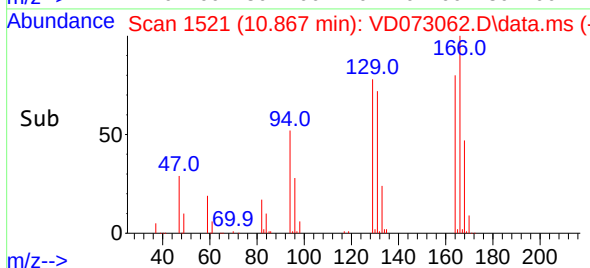
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

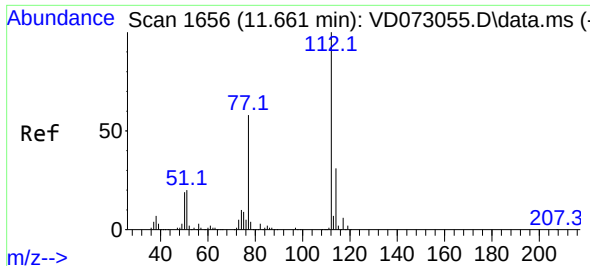


#64
Tetrachloroethene
Concen: 17.809 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



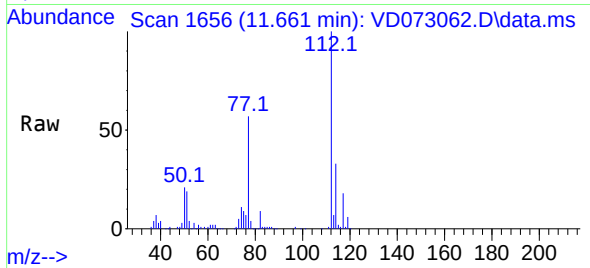
Tgt Ion:164 Resp: 73050
Ion Ratio Lower Upper
164 100
166 125.5 98.5 147.7
129 98.1 74.6 111.8
131 90.3 72.0 108.0





#65
Chlorobenzene
Concen: 18.205 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

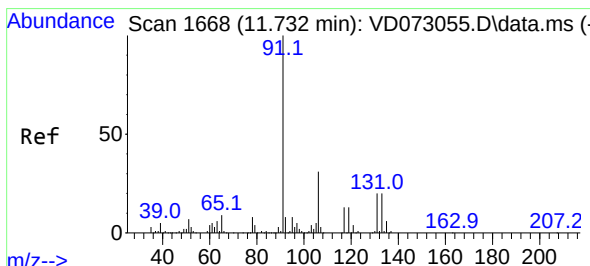
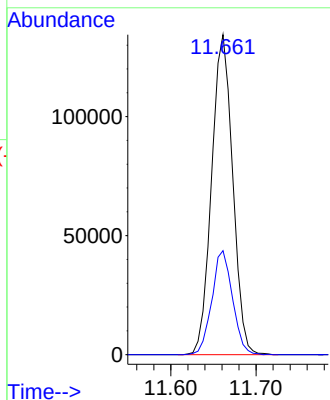
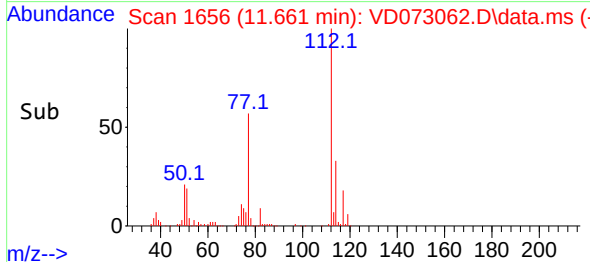
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



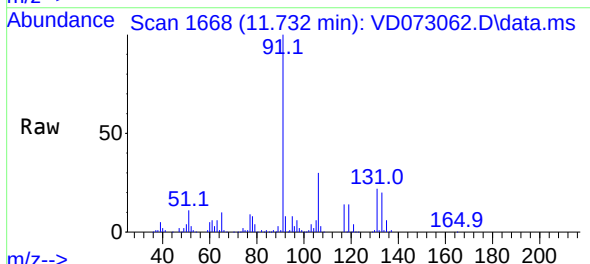
Tgt Ion:112 Resp: 23111
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

Manual Integrations
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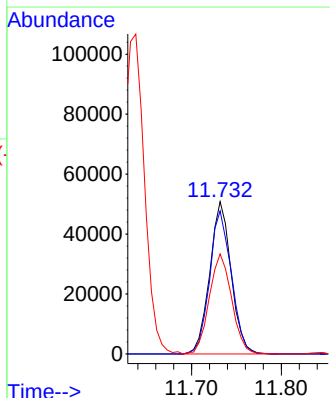
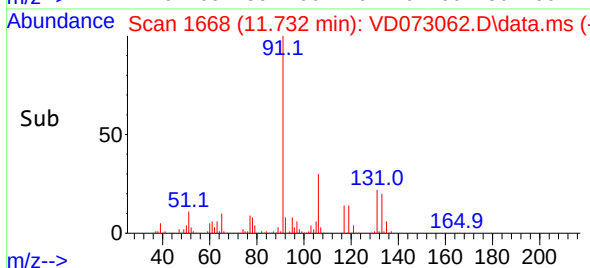
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

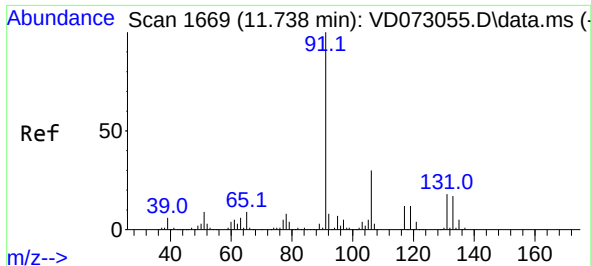


#66
1,1,1,2-Tetrachloroethane
Concen: 17.356 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



Tgt Ion:131 Resp: 84166
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.3
119 68.6 31.9 95.9





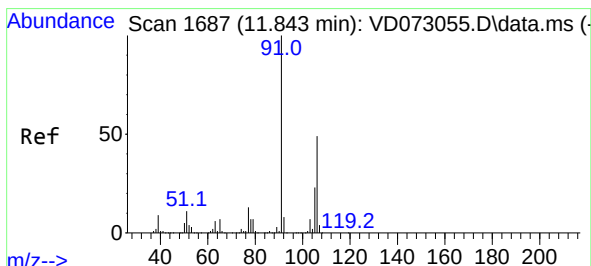
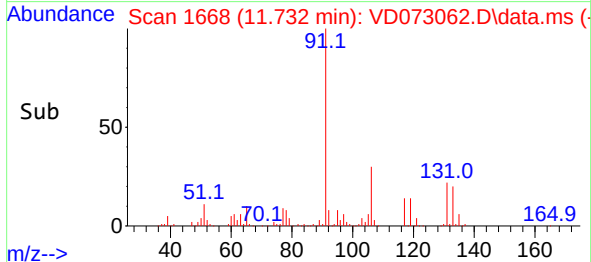
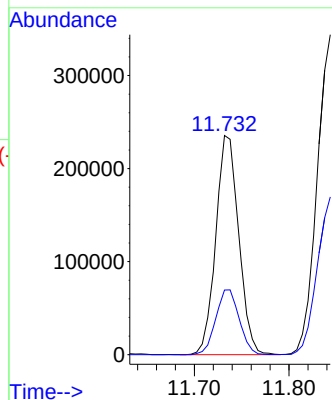
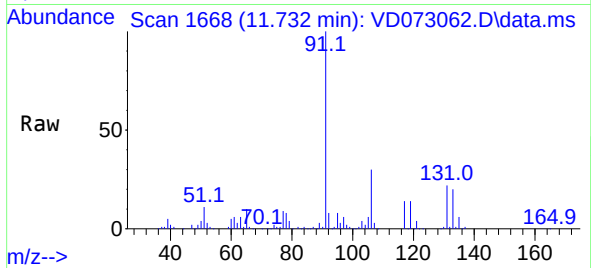
#67
Ethyl Benzene
Concen: 17.951 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 91 Resp: 39678
Ion Ratio Lower Upper
91 100
106 29.5 24.2 36.4

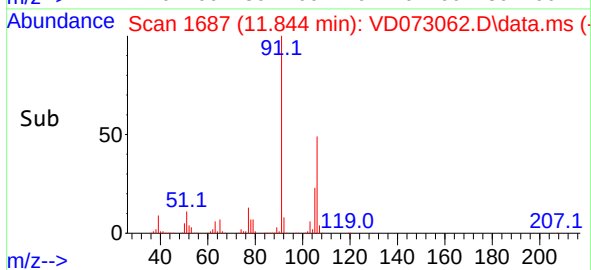
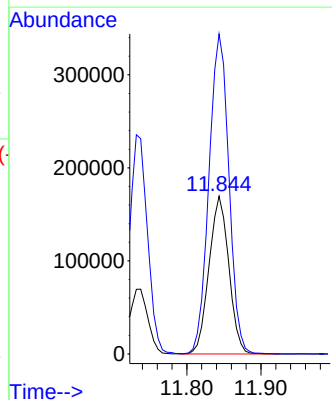
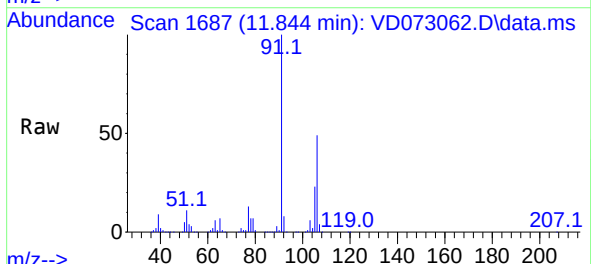
Manual Integrations
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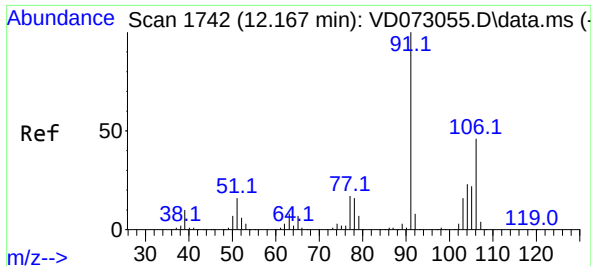
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#68
m/p-Xylenes
Concen: 36.719 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.001 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Tgt Ion:106 Resp: 314563
Ion Ratio Lower Upper
106 100
91 204.2 163.7 245.5





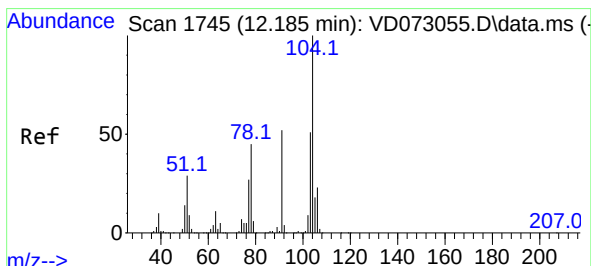
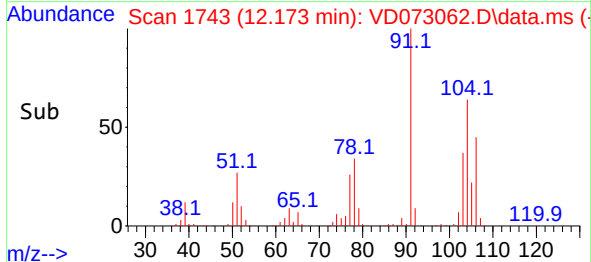
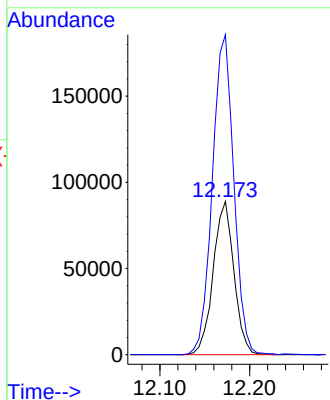
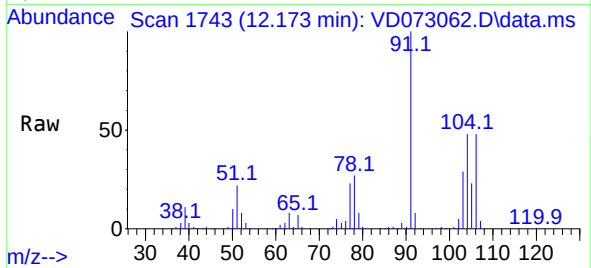
#69
o-Xylene
Concen: 18.077 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion:106 Resp: 142812
Ion Ratio Lower Upper
106 100
91 215.6 110.4 331.2

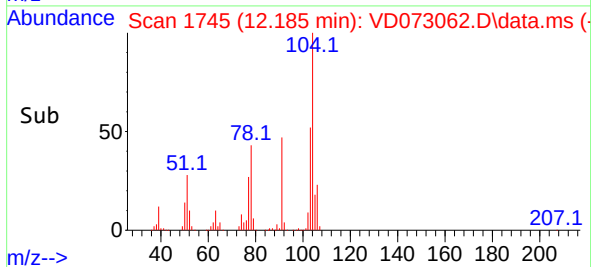
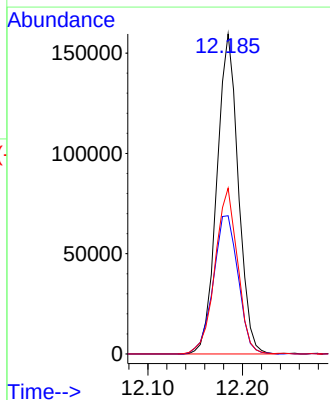
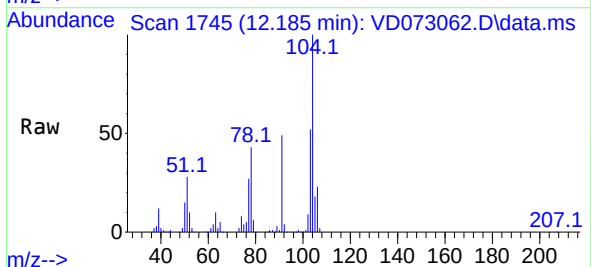
Manual Integrations
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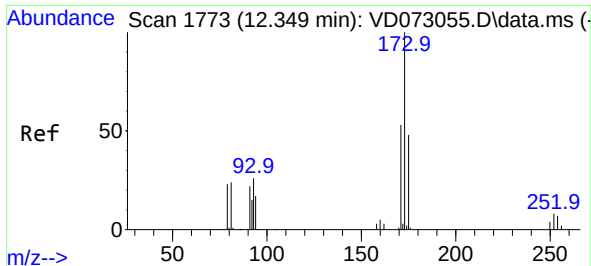
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Styrene
Concen: 18.232 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

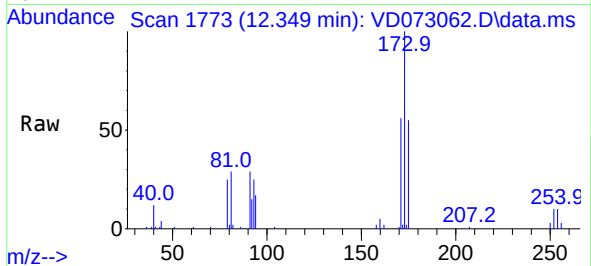
Tgt Ion:104 Resp: 251584
Ion Ratio Lower Upper
104 100
78 50.0 41.8 62.8
103 54.4 44.2 66.4





#71
Bromoform
Concen: 18.174 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

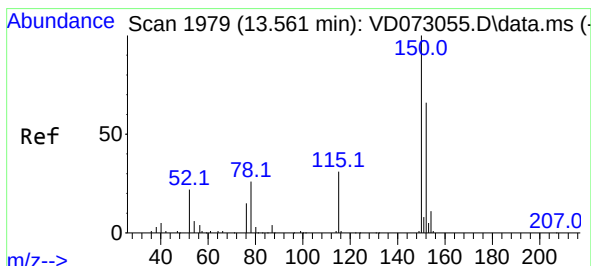
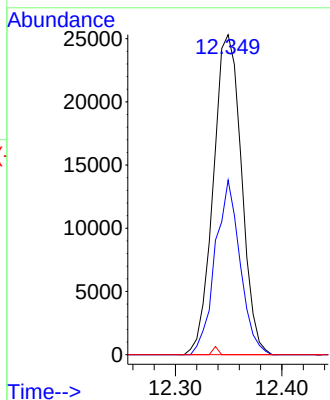
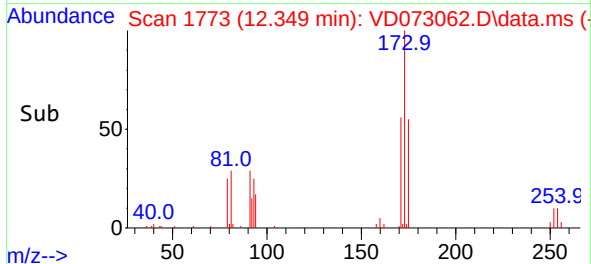
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



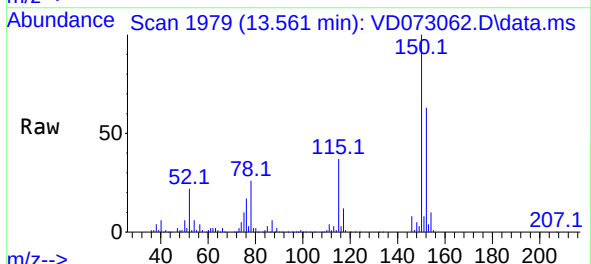
Tgt Ion:173 Resp: 4640
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.5 0.0 0.0

Manual Integrations
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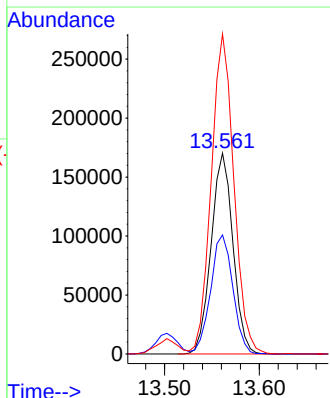
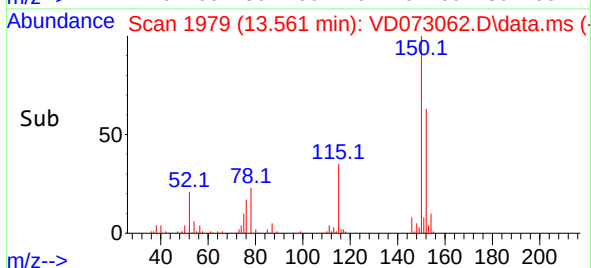
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

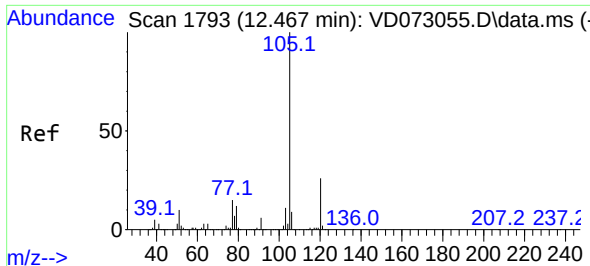


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



Tgt Ion:152 Resp: 272325
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 165.3 0.0 348.6





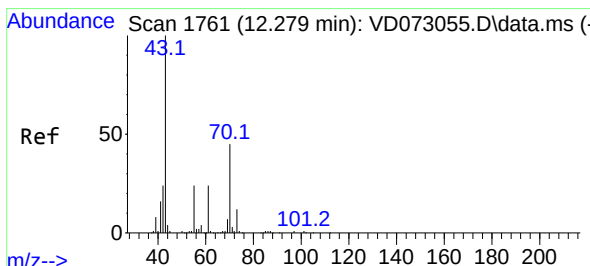
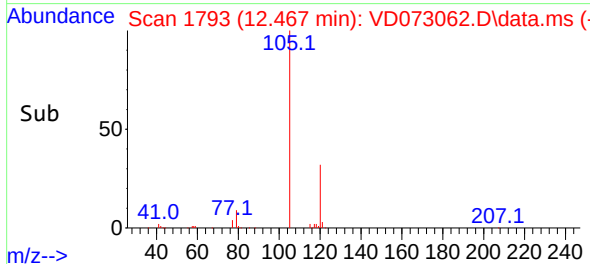
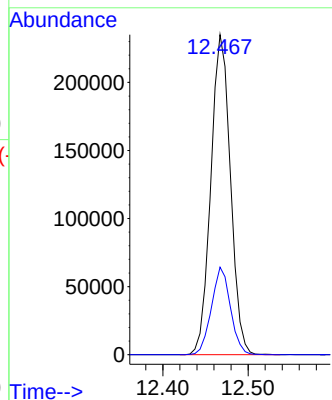
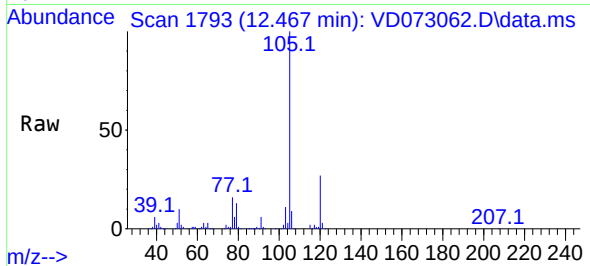
#73
Isopropylbenzene
Concen: 18.198 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion:105 Resp: 375638
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

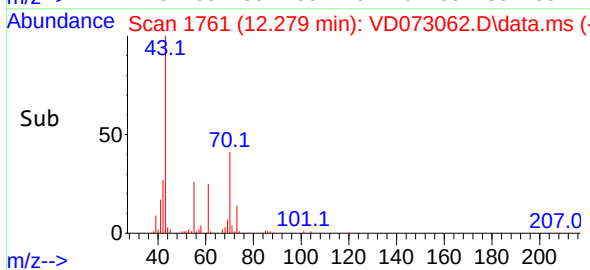
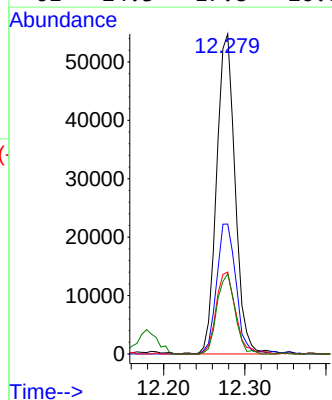
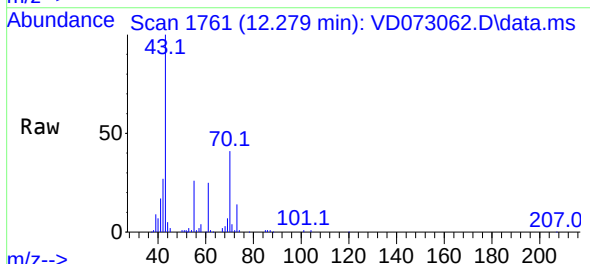
Manual Integrations
APPROVED

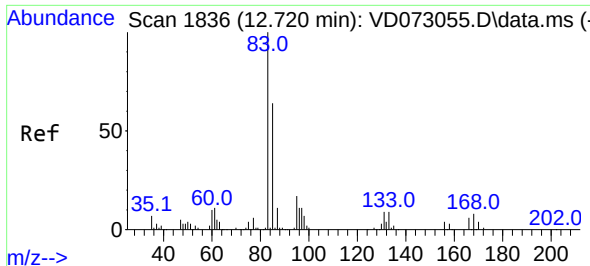
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#74
N-ethyl acetate
Concen: 18.049 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Tgt Ion: 43 Resp: 87066
Ion Ratio Lower Upper
43 100
70 42.9 31.3 46.9
55 26.9 20.0 30.0
61 24.3 17.8 26.8





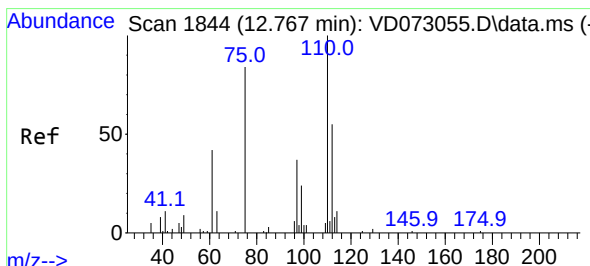
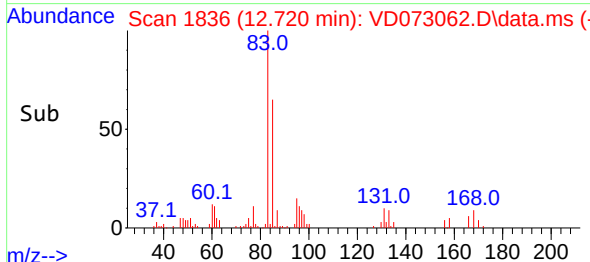
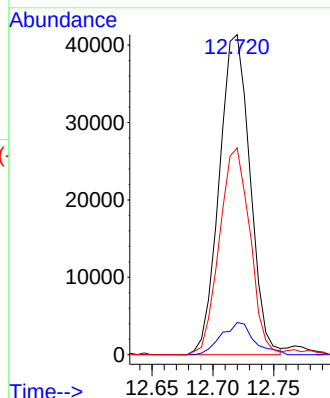
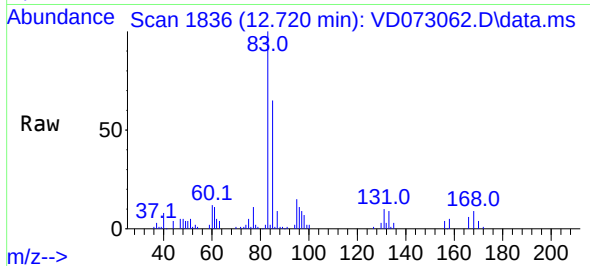
#75
1,1,2,2-Tetrachloroethane
Concen: 17.867 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 83 Resp: 72709
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 64.1 32.6 98.0

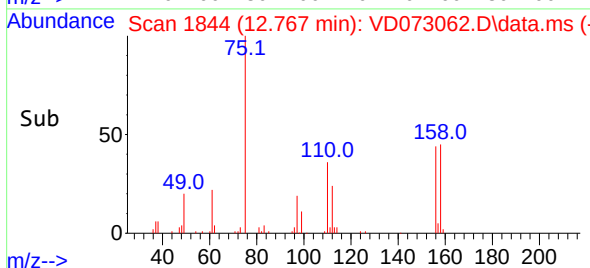
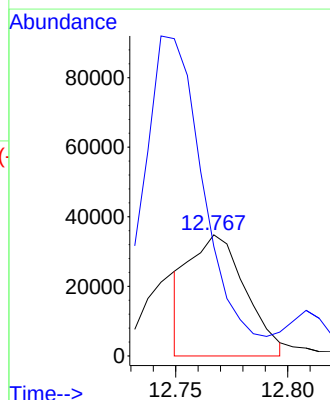
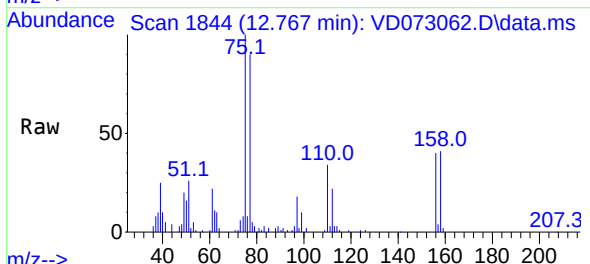
Manual Integrations
APPROVED

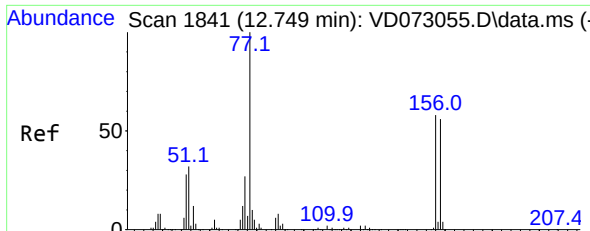
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#76
1,2,3-Trichloropropane
Concen: 19.505 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

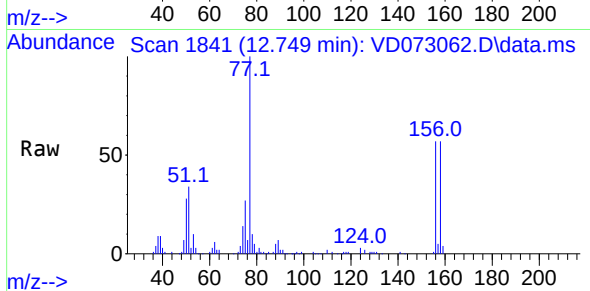
Tgt Ion: 75 Resp: 60765
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 18.781 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

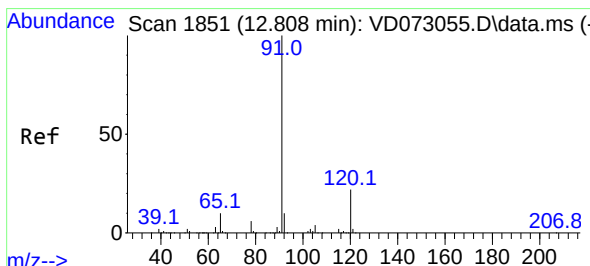
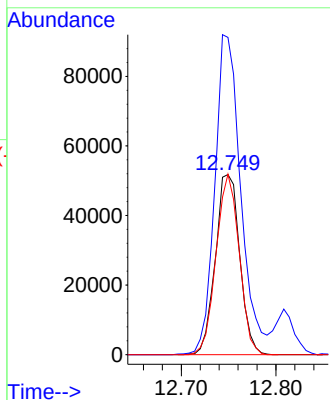
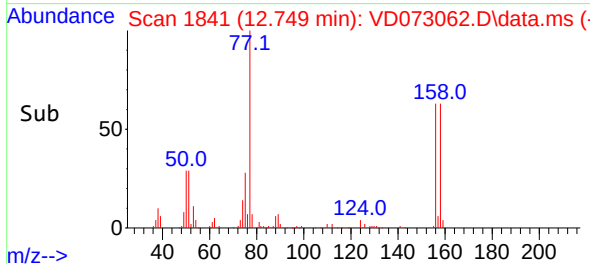
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



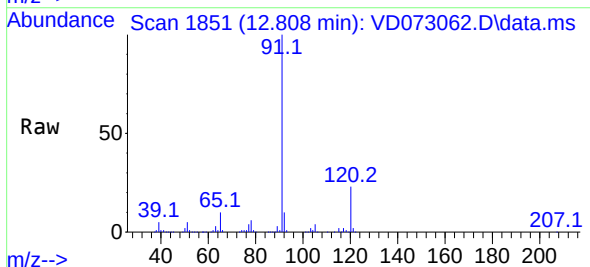
Tgt Ion:156 Resp: 92502
Ion Ratio Lower Upper
156 100
77 189.1 102.8 308.3
158 94.9 48.7 146.1

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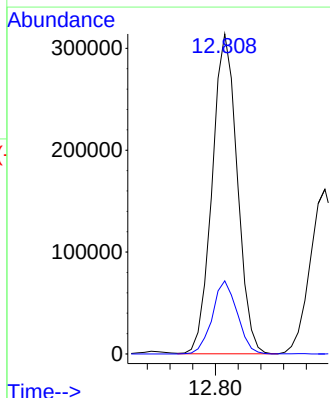
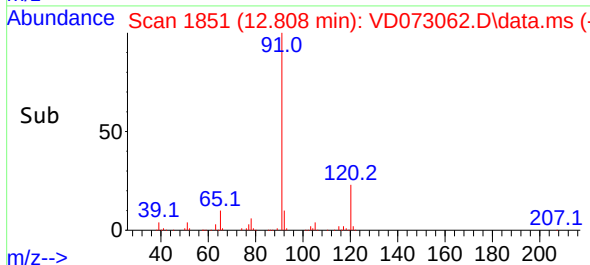
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

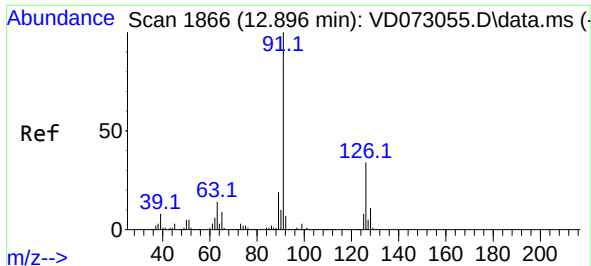


#78
n-propylbenzene
Concen: 18.597 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



Tgt Ion: 91 Resp: 482067
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





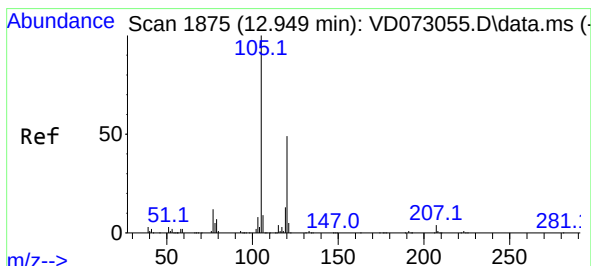
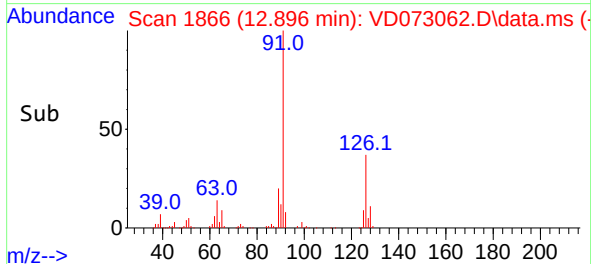
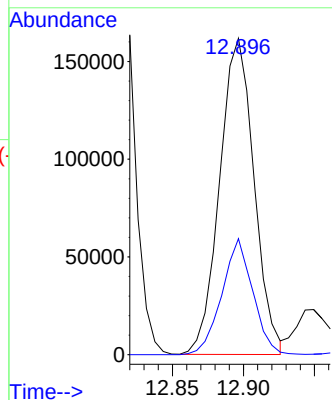
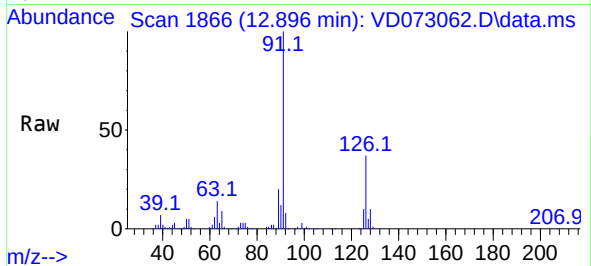
#79
2-Chlorotoluene
Concen: 18.061 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 91 Resp: 27274
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

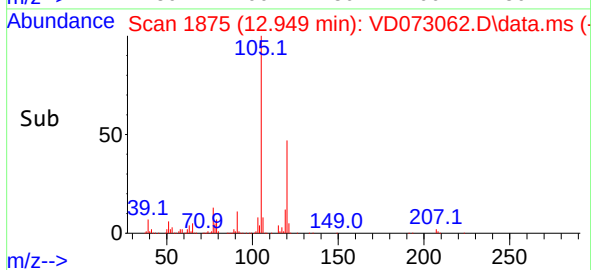
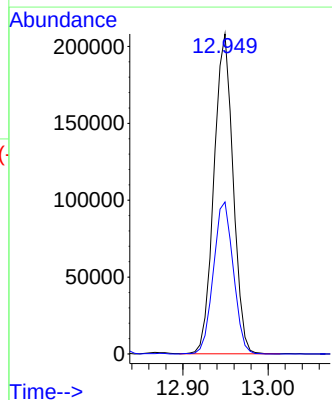
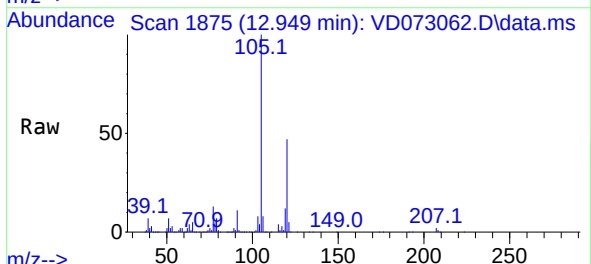
Manual Integrations
APPROVED

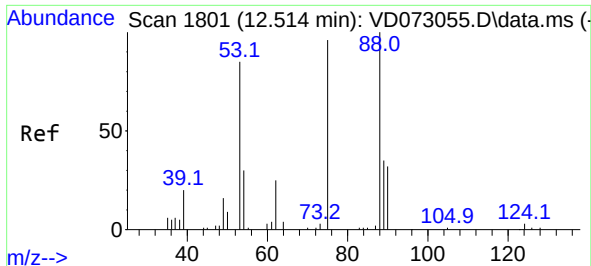
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.445 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

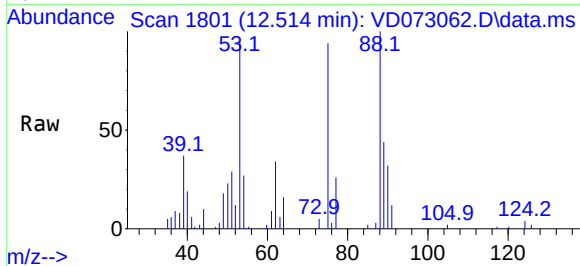
Tgt Ion:105 Resp: 324363
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.912 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

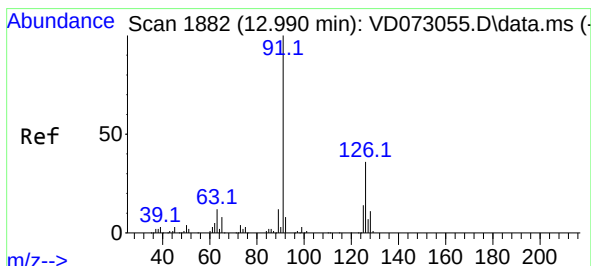
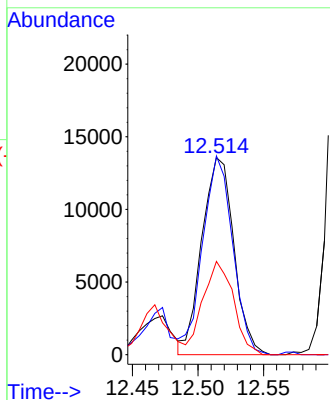
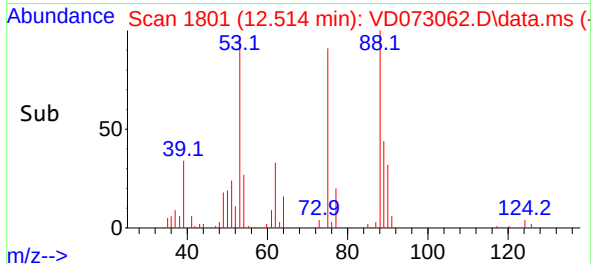
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



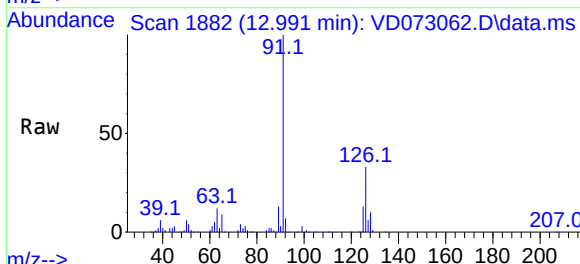
Tgt Ion: 75 Resp: 22997
Ion Ratio Lower Upper
75 100
53 94.8 86.5 129.7
89 45.1 33.9 50.9

Manual Integrations
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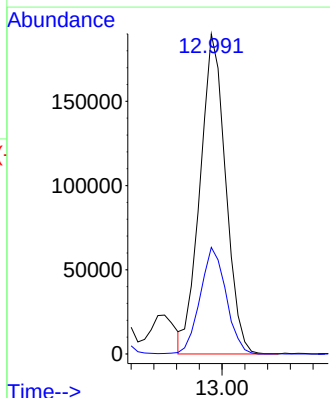
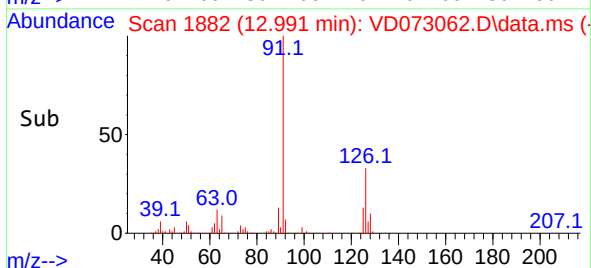
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

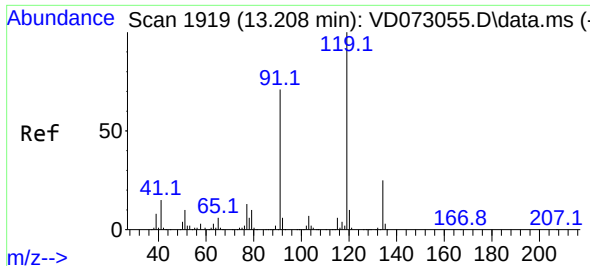


#82
4-Chlorotoluene
Concen: 18.565 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.001 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



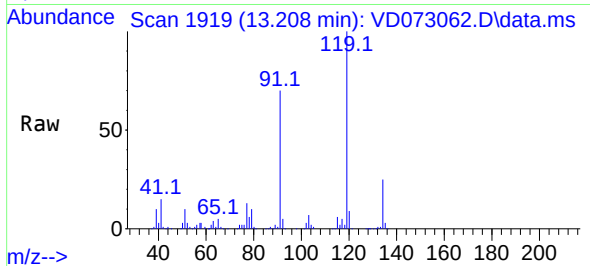
Tgt Ion: 91 Resp: 296715
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5





#83
tert-Butylbenzene
Concen: 18.147 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

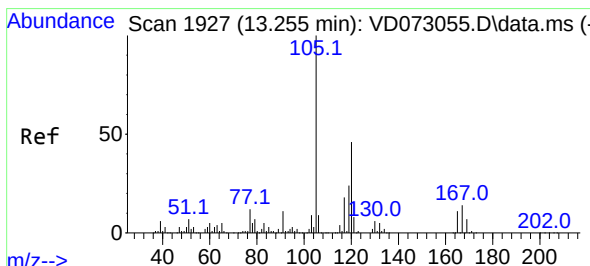
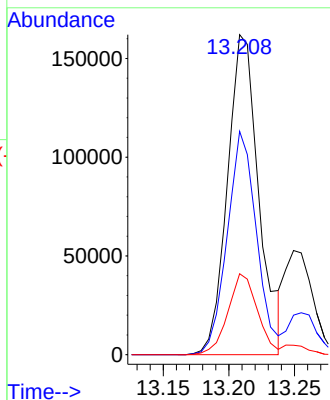
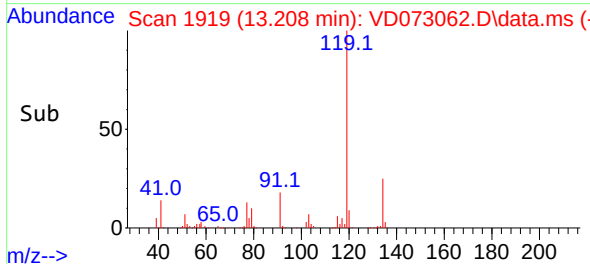
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



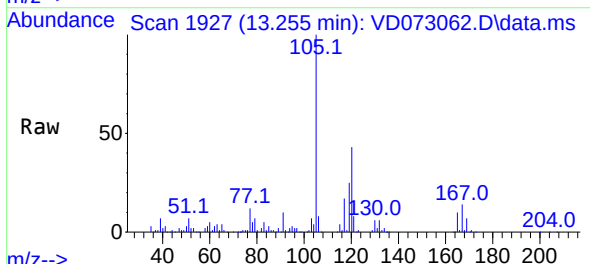
Tgt Ion:119 Resp: 270312
Ion Ratio Lower Upper
119 100
91 65.3 34.8 104.5
134 23.8 13.3 39.9

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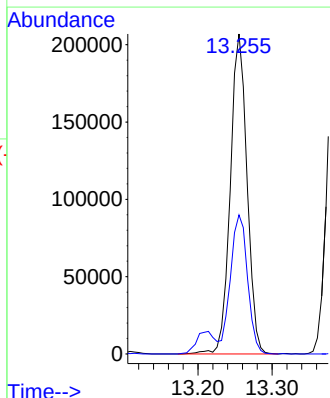
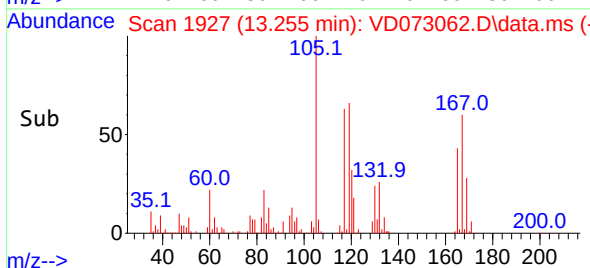
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

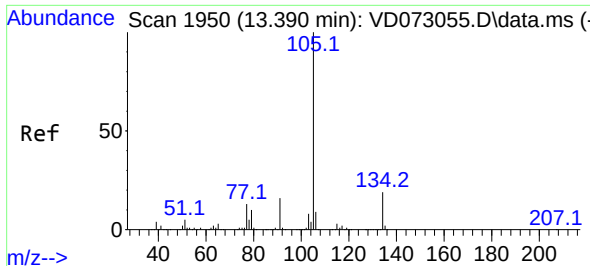


#84
1,2,4-Trimethylbenzene
Concen: 18.540 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



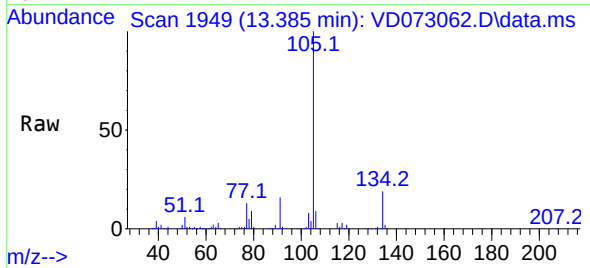
Tgt Ion:105 Resp: 324362
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 18.129 ug/l
 RT: 13.385 min Scan# 1950
 Delta R.T. -0.005 min
 Lab File: VD073062.D
 Acq: 17 May 2022 17:39

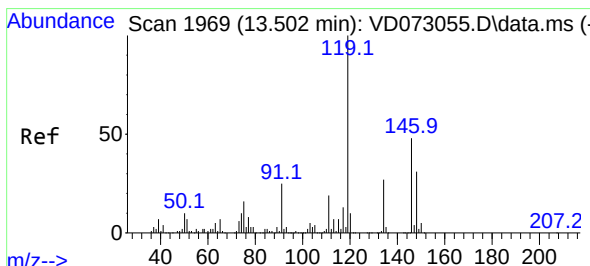
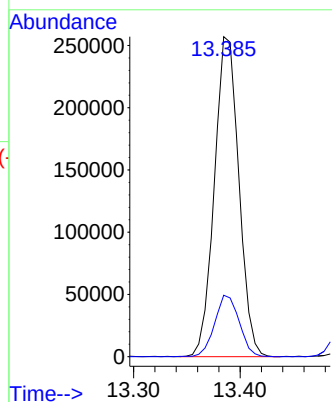
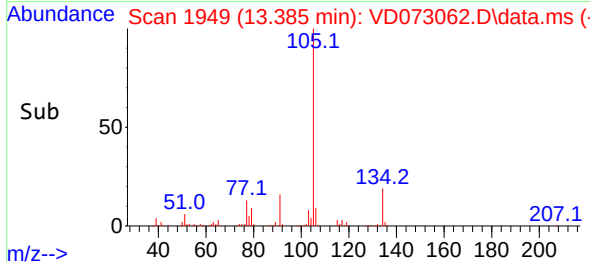
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0517SBS01



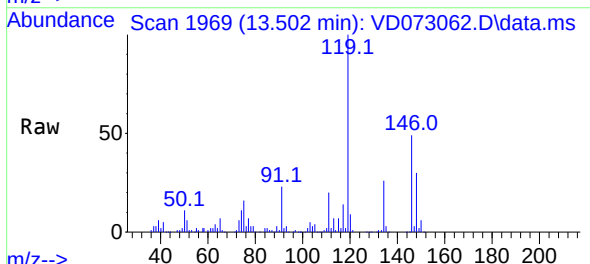
Tgt Ion:105 Resp: 409907
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

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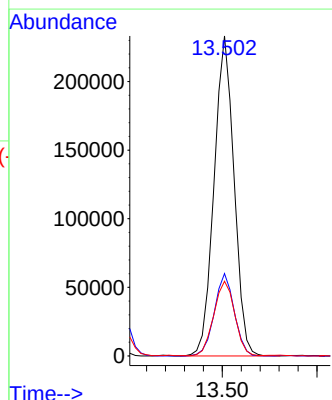
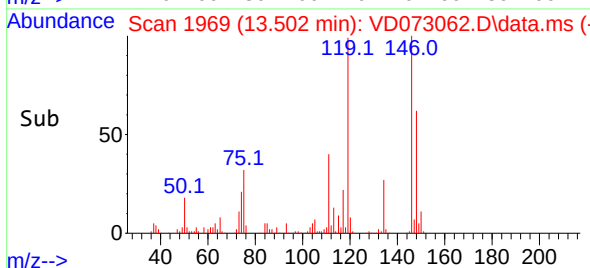
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

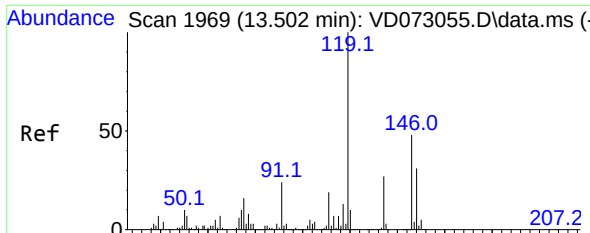


#86
 p-Isopropyltoluene
 Concen: 18.600 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073062.D
 Acq: 17 May 2022 17:39



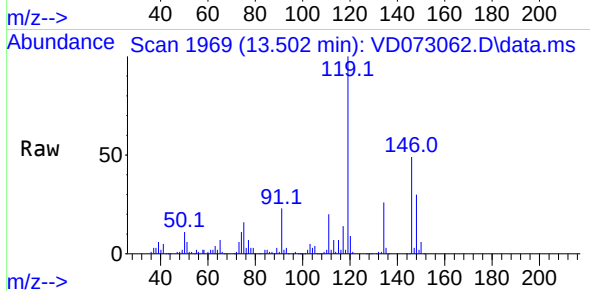
Tgt Ion:119 Resp: 342077
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.6
 91 24.3 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 18.128 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

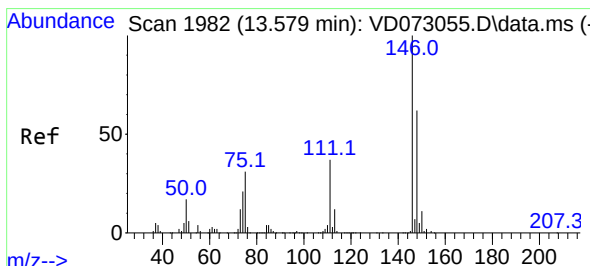
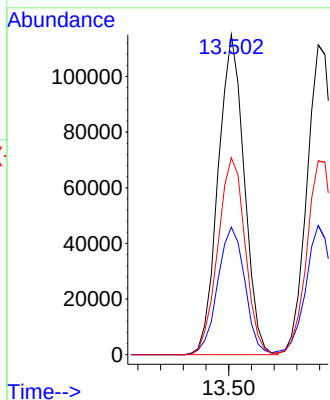
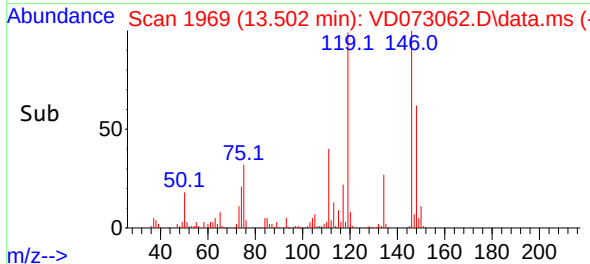
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



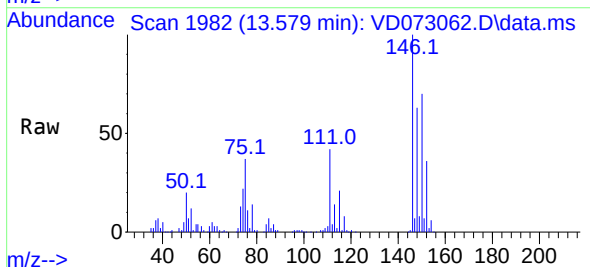
Tgt Ion:146 Resp: 18351
Ion Ratio Lower Upper
146 100
111 41.5 20.4 61.3
148 64.3 31.9 95.7

Manual Integrations
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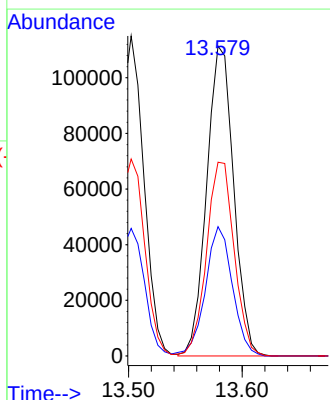
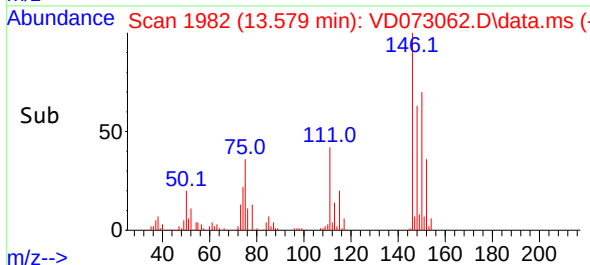
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

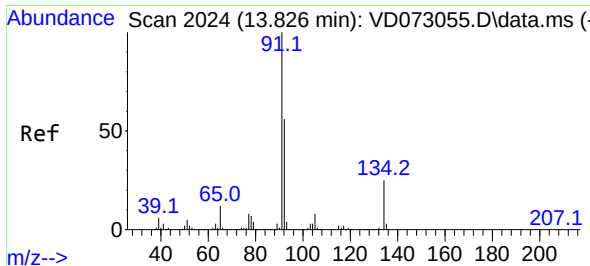


#88
1,4-Dichlorobenzene
Concen: 18.450 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



Tgt Ion:146 Resp: 184561
Ion Ratio Lower Upper
146 100
111 41.7 20.3 60.9
148 63.9 31.7 95.1





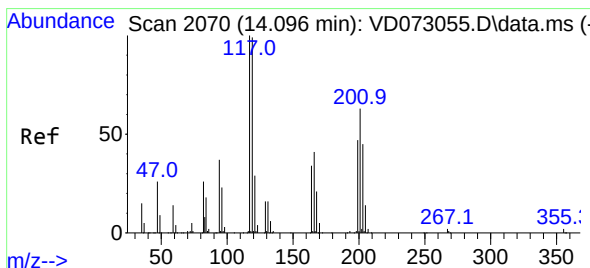
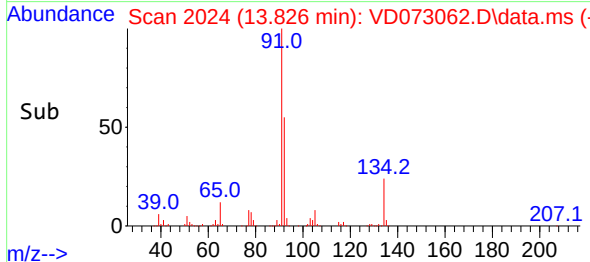
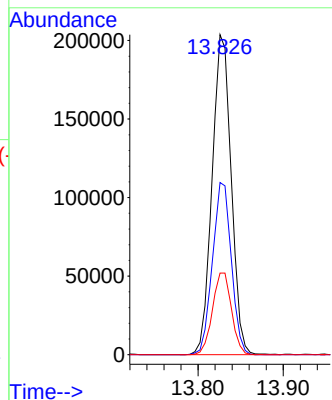
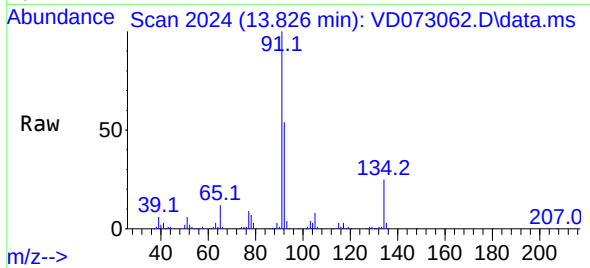
#89
n-Butylbenzene
Concen: 17.716 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion: 91 Resp: 31684
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.8
134 25.5 12.3 36.9

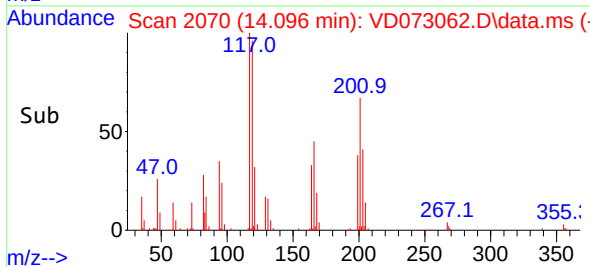
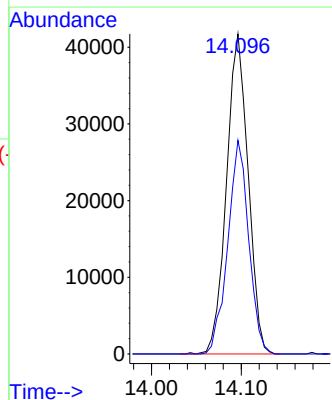
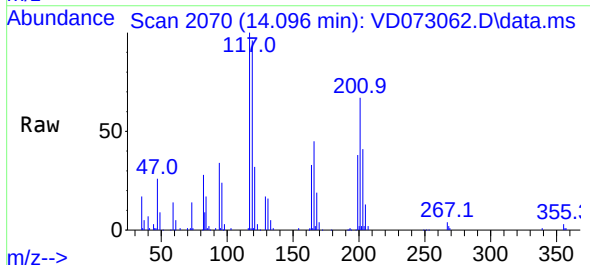
Manual Integrations
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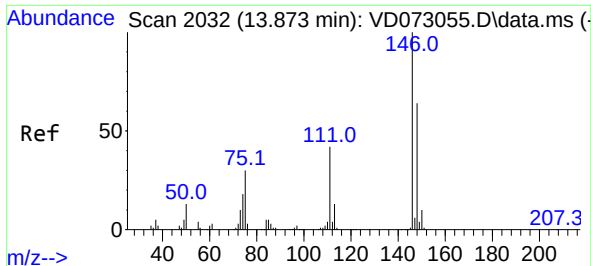
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachloroethane
Concen: 18.274 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Tgt Ion:117 Resp: 69832
Ion Ratio Lower Upper
117 100
201 64.6 33.4 100.2





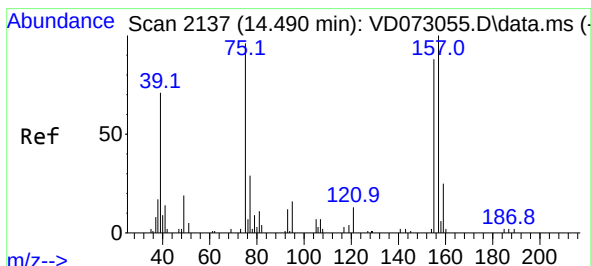
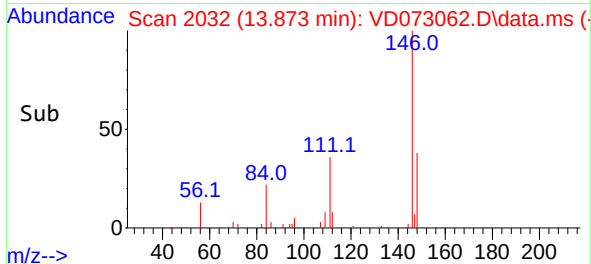
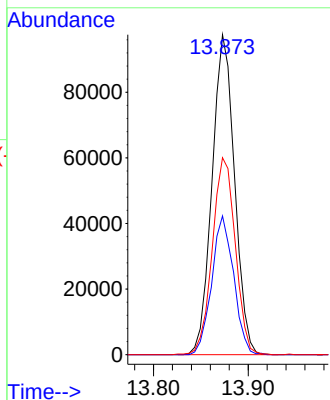
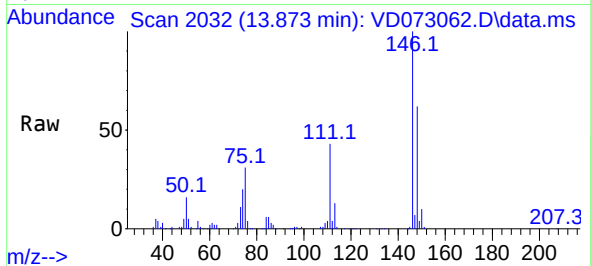
#91
1,2-Dichlorobenzene
Concen: 18.337 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01

Tgt Ion:146 Resp: 160995
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.3
148 63.1 31.7 95.1

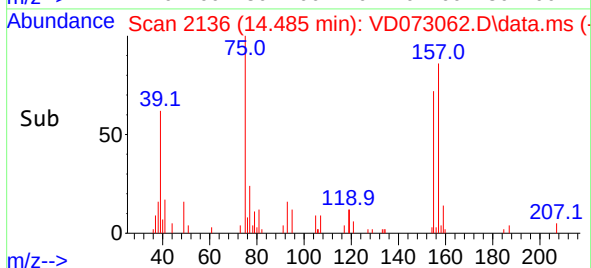
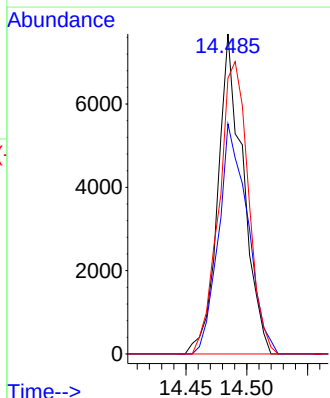
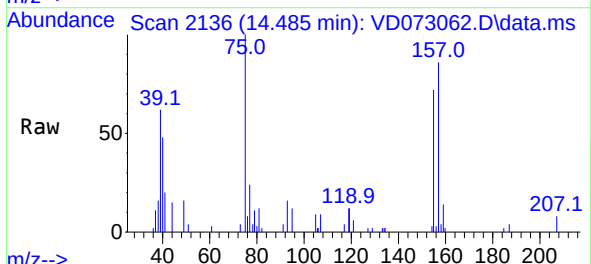
Manual Integrations
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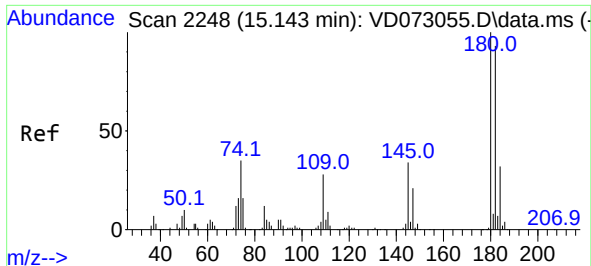
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.463 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

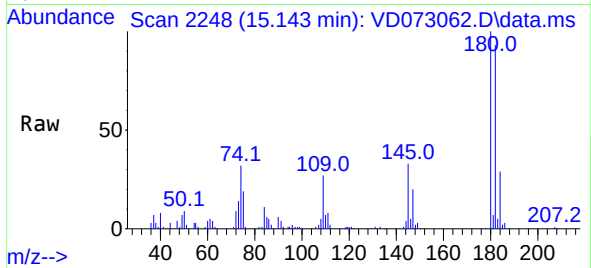
Tgt Ion: 75 Resp: 11046
Ion Ratio Lower Upper
75 100
155 83.0 36.8 110.3
157 106.4 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 18.368 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

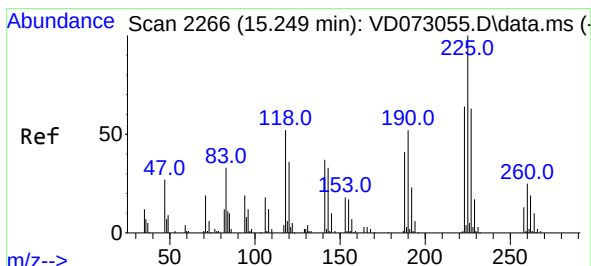
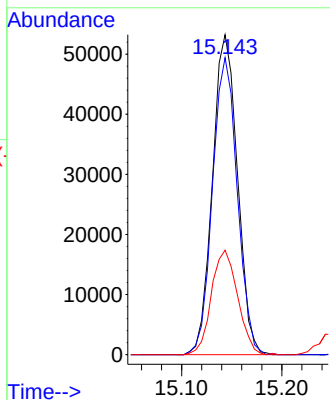
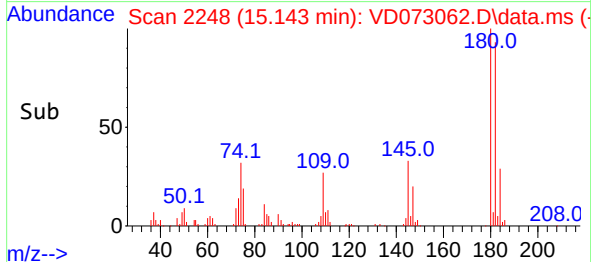
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



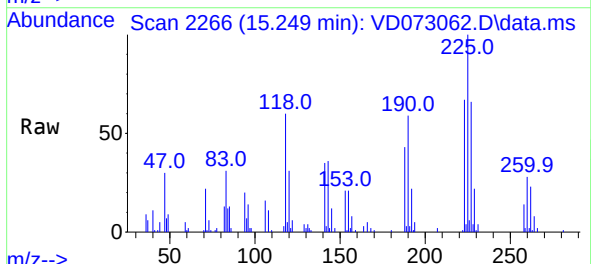
Tgt Ion:180 Resp: 92015
Ion Ratio Lower Upper
180 100
182 92.2 47.3 142.0
145 34.5 16.2 48.5

Manual Integrations
APPROVED

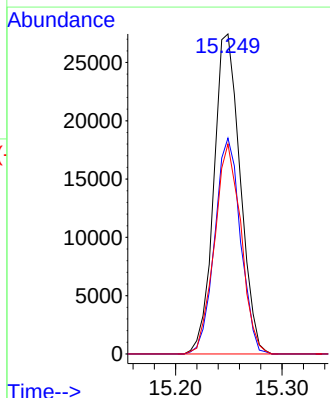
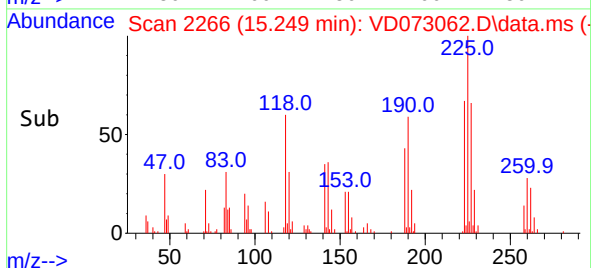
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

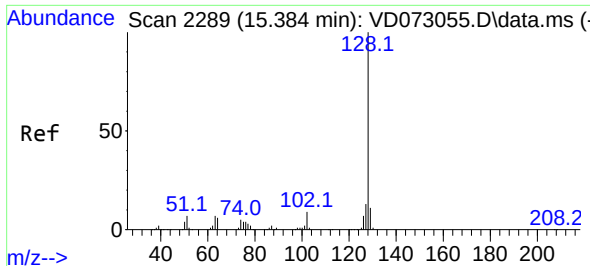


#94
Hexachlorobutadiene
Concen: 16.867 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



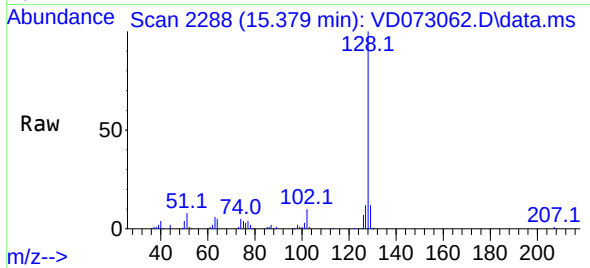
Tgt Ion:225 Resp: 47163
Ion Ratio Lower Upper
225 100
223 66.0 31.1 93.2
227 65.8 32.4 97.0





#95
Naphthalene
Concen: 17.754 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39

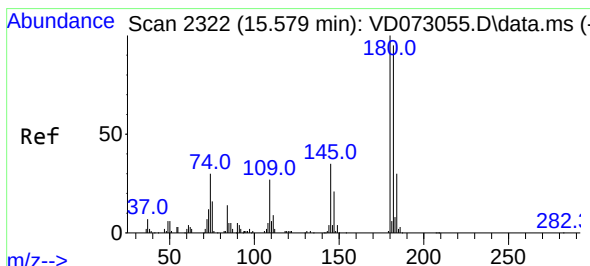
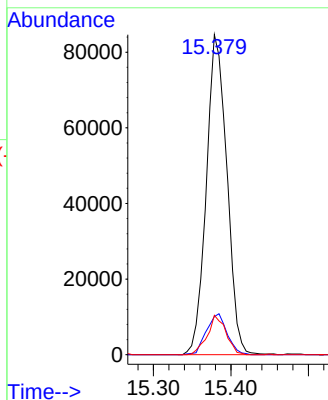
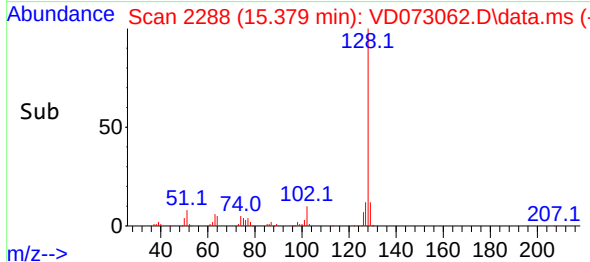
Instrument :
MSVOA_D
ClientSampleId :
VD0517SBS01



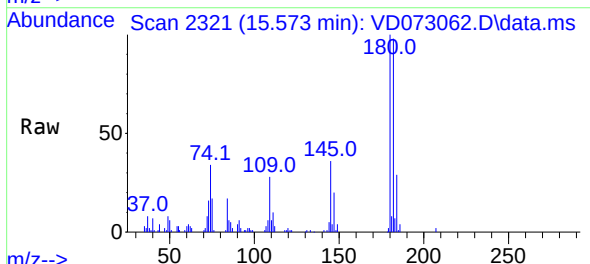
Tgt Ion:128 Resp: 156502
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.4 12.6

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#96
1,2,3-Trichlorobenzene
Concen: 17.531 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073062.D
Acq: 17 May 2022 17:39



Tgt Ion:180 Resp: 77971
Ion Ratio Lower Upper
180 100
182 97.1 47.6 142.9
145 37.0 17.1 51.3

