

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073014.D
 Acq On : 14 May 2022 03:52
 Operator : VA/SY
 Sample : VD0513SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/19/2022

Quant Time: May 16 05:20:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	289828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	494538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	475098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	233504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176461	46.904	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.800%		
35) Dibromofluoromethane	7.908	113	180516	51.974	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.940%		
50) Toluene-d8	10.332	98	641509	51.491	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.980%		
62) 4-Bromofluorobenzene	12.620	95	238953	51.437	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	70663	17.644	ug/l	92
3) Chloromethane	2.209	50	73684	17.691	ug/l	95
4) Vinyl Chloride	2.344	62	68148	18.234	ug/l	96
5) Bromomethane	2.750	94	47641	19.790	ug/l	93
6) Chloroethane	2.915	64	43845	18.823	ug/l	99
7) Trichlorofluoromethane	3.267	101	128757	19.674	ug/l	99
8) Diethyl Ether	3.709	74	36137	19.260	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	77505	19.948	ug/l	97
10) Methyl Iodide	4.297	142	75242	19.296	ug/l	100
11) Tert butyl alcohol	5.197	59	52251	160.521	ug/l #	86
12) 1,1-Dichloroethene	4.062	96	69006	19.745	ug/l	82
13) Acrolein	3.920	56	17695	65.869	ug/l	98
14) Allyl chloride	4.709	41	112629	19.962	ug/l	92
15) Acrylonitrile	5.414	53	92407	103.632	ug/l	94
16) Acetone	4.156	43	63763	81.132	ug/l	92
17) Carbon Disulfide	4.409	76	193327	17.593	ug/l	99
18) Methyl Acetate	4.720	43	51947	25.253	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	168440	20.105	ug/l	96
20) Methylene Chloride	4.962	84	109244	20.573	ug/l	92
21) trans-1,2-Dichloroethene	5.461	96	82535	20.592	ug/l	87
22) Diisopropyl ether	6.367	45	246518	19.861	ug/l #	89
23) Vinyl Acetate	6.297	43	642099	93.649	ug/l	96
24) 1,1-Dichloroethane	6.256	63	153044	20.523	ug/l	98
25) 2-Butanone	7.208	43	108146	98.657	ug/l	95
26) 2,2-Dichloropropane	7.203	77	112295	17.813	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	93365	20.338	ug/l	91
28) Bromochloromethane	7.538	49	49760	17.894	ug/l	87
29) Tetrahydrofuran	7.561	42	71245	101.966	ug/l	94
30) Chloroform	7.703	83	164608	20.862	ug/l	97
31) Cyclohexane	7.979	56	121338	18.450	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	135381	20.132	ug/l	96
36) 1,1-Dichloropropene	8.108	75	110972	19.650	ug/l	96
37) Ethyl Acetate	7.291	43	49660	19.128	ug/l #	92
38) Carbon Tetrachloride	8.091	117	118102	20.146	ug/l	96
39) Methylcyclohexane	9.350	83	116154	17.732	ug/l	96
40) Benzene	8.344	78	332281	20.374	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	32613	21.097	ug/l	94
42) 1,2-Dichloroethane	8.414	62	99790	20.305	ug/l	96
43) Isopropyl Acetate	8.444	43	93914	19.599	ug/l #	93
44) Trichloroethene	9.108	130	88260	20.228	ug/l	98
45) 1,2-Dichloropropane	9.379	63	89483	20.892	ug/l	95
46) Dibromomethane	9.467	93	46632	19.737	ug/l	95
47) Bromodichloromethane	9.655	83	123508	20.321	ug/l	92
48) Methyl methacrylate	9.450	41	47165	20.120	ug/l	91
49) 1,4-Dioxane	9.461	88	9596	360.681	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	258191	103.692	ug/l	95
52) Toluene	10.397	92	216354	21.266	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	107109	19.186	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	129046	19.896	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	67383	21.097	ug/l	94
56) Ethyl methacrylate	10.649	69	76678	20.390	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	110544	20.169	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	161567	88.614	ug/l	97
59) 2-Hexanone	10.973	43	168534	100.589	ug/l	97
60) Dibromochloromethane	11.132	129	83024	20.649	ug/l	98
61) 1,2-Dibromoethane	11.238	107	63467	20.415	ug/l	99
64) Tetrachloroethene	10.867	164	72330	20.823	ug/l	95
65) Chlorobenzene	11.661	112	230804	21.004	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	90260	21.856	ug/l	96
67) Ethyl Benzene	11.738	91	397527	20.903	ug/l	100
68) m/p-Xylenes	11.844	106	311484	42.520	ug/l	99
69) o-Xylene	12.167	106	143639	20.995	ug/l	95
70) Styrene	12.185	104	251695	21.234	ug/l	97
71) Bromoform	12.349	173	47580	21.259	ug/l #	99
73) Isopropylbenzene	12.467	105	381921	21.022	ug/l	99
74) N-amyl acetate	12.279	43	88128	19.479	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	77996	21.268	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	54264m	20.841	ug/l	
77) Bromobenzene	12.749	156	89900	20.839	ug/l	94
78) n-propylbenzene	12.808	91	482687	21.081	ug/l	99
79) 2-Chlorotoluene	12.896	91	282301	21.106	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	327136	21.236	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	19292	17.039	ug/l	95
82) 4-Chlorotoluene	12.991	91	296205	21.195	ug/l	99
83) tert-Butylbenzene	13.208	119	263415	20.113	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	322957	20.974	ug/l	98
85) sec-Butylbenzene	13.385	105	415465	21.033	ug/l	100
86) p-Isopropyltoluene	13.502	119	340480	21.024	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	183412	21.105	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	184084	21.270	ug/l	98
89) n-Butylbenzene	13.826	91	315924	20.137	ug/l	100
90) Hexachloroethane	14.096	117	71650	21.596	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	160105	21.139	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12217	21.015	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	90687	20.218	ug/l	99
94) Hexachlorobutadiene	15.249	225	47963	19.579	ug/l	97
95) Naphthalene	15.379	128	166828	20.229	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	79354	19.957	ug/l	99

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ALS Vial : 37 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 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

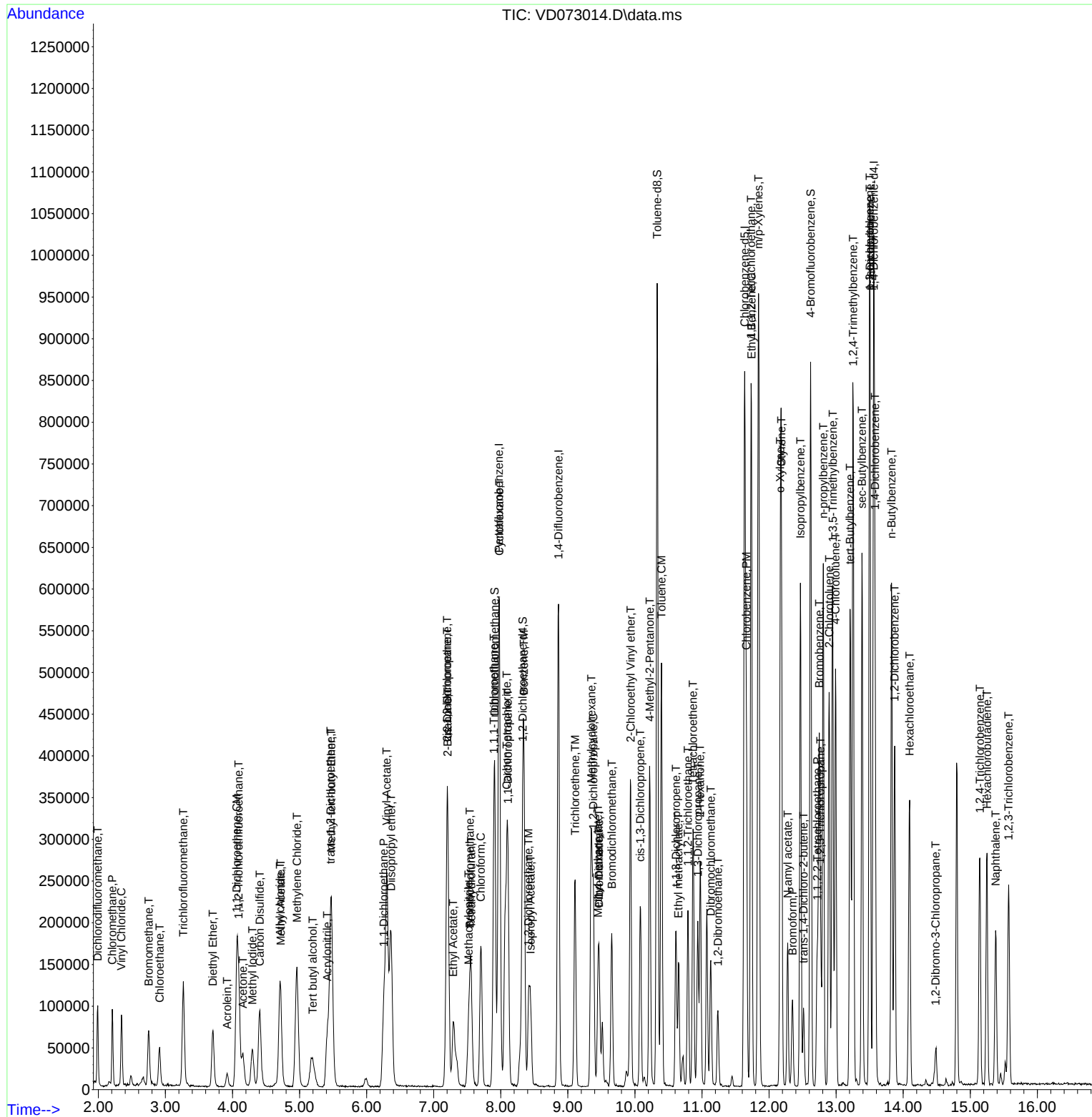
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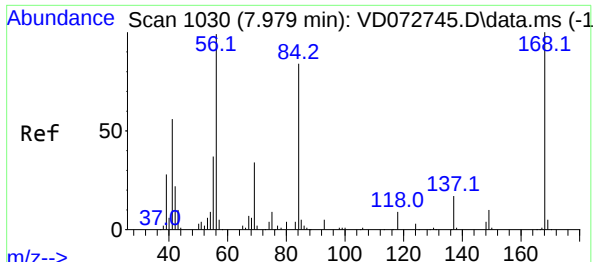
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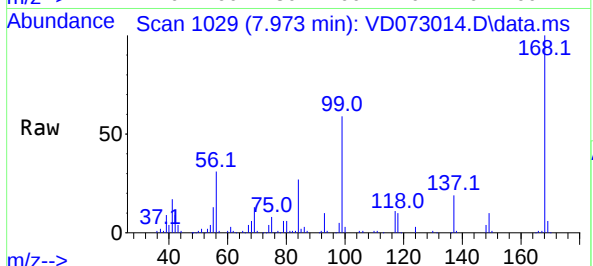
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

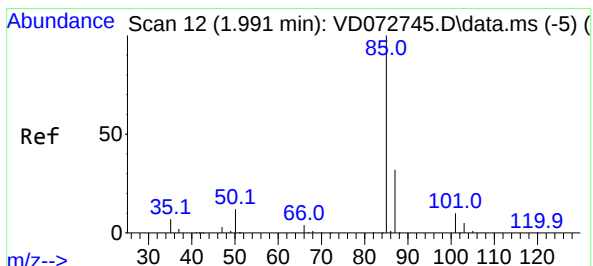
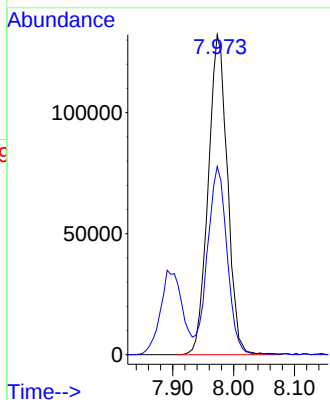
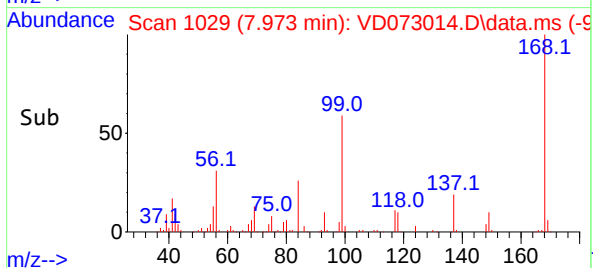
Instrument :
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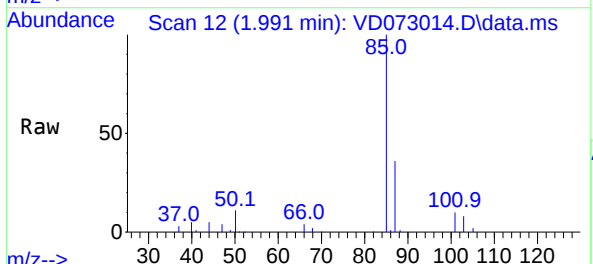
Tgt Ion:168 Resp: 289828
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6

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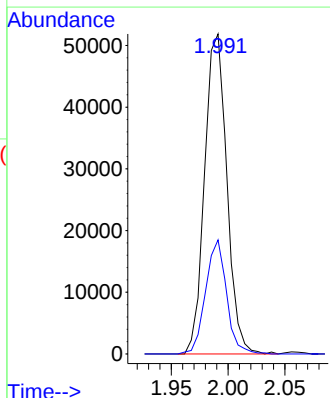
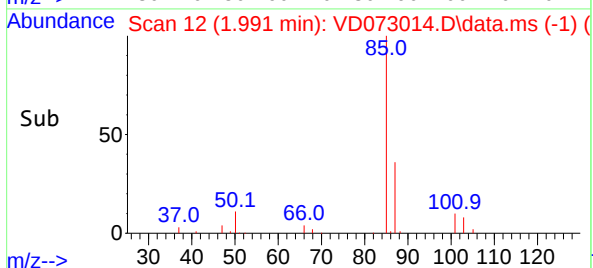
Reviewed By :John Carlone 05/19/2022
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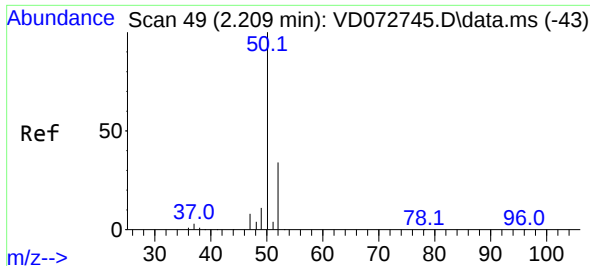


#2
Dichlorodifluoromethane
Concen: 17.644 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



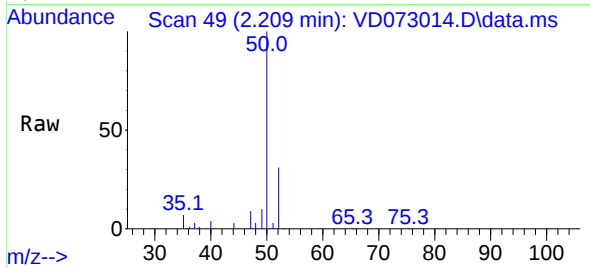
Tgt Ion: 85 Resp: 70663
Ion Ratio Lower Upper
85 100
87 35.6 15.7 47.0





#3
Chloromethane
Concen: 17.691 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

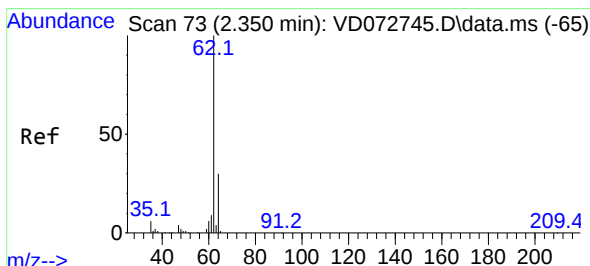
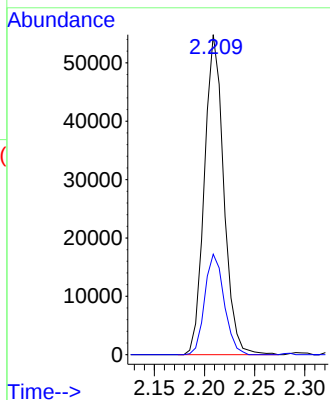
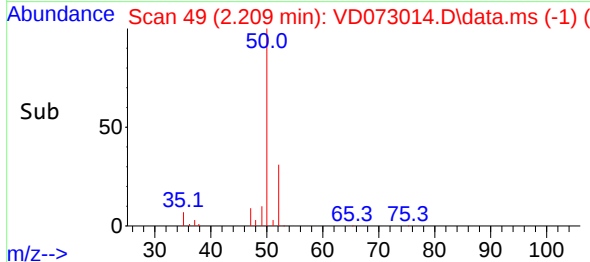
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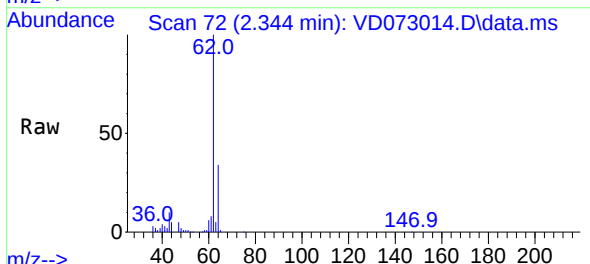
Tgt Ion: 50 Resp: 73684
Ion Ratio Lower Upper
50 100
52 31.4 27.4 41.0

Manual Integrations
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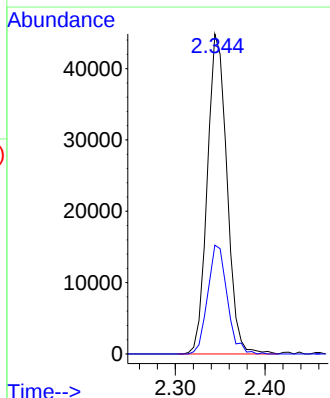
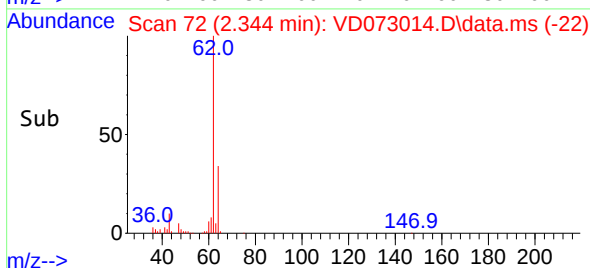
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

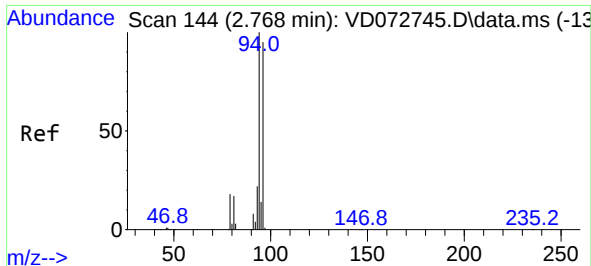


#4
Vinyl Chloride
Concen: 18.234 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



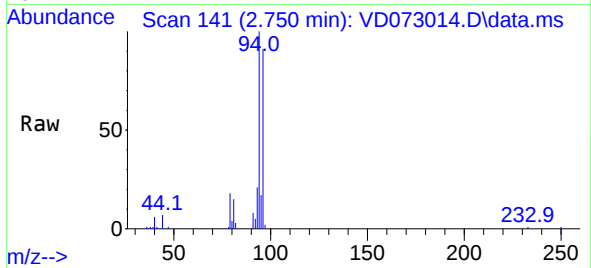
Tgt Ion: 62 Resp: 68148
Ion Ratio Lower Upper
62 100
64 34.0 25.4 38.0





#5
Bromomethane
Concen: 19.790 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

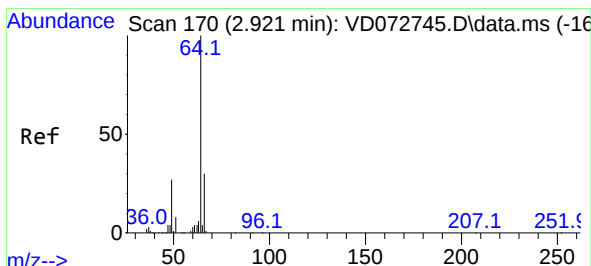
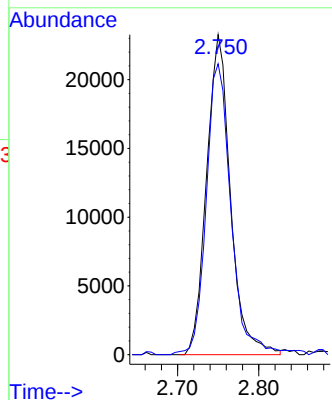
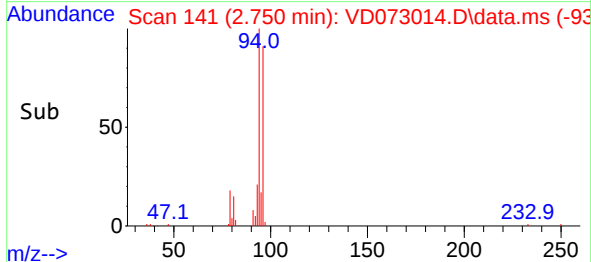
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Tgt Ion: 94 Resp: 4764
Ion Ratio Lower Upper
94 100
96 89.9 77.6 116.4

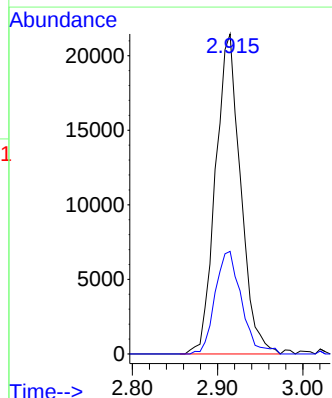
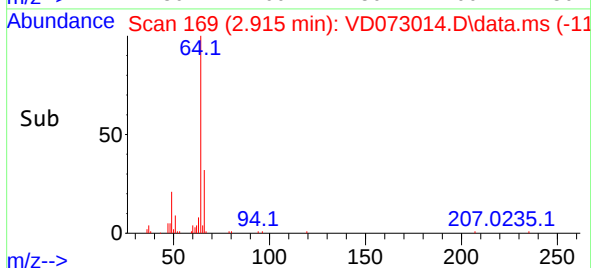
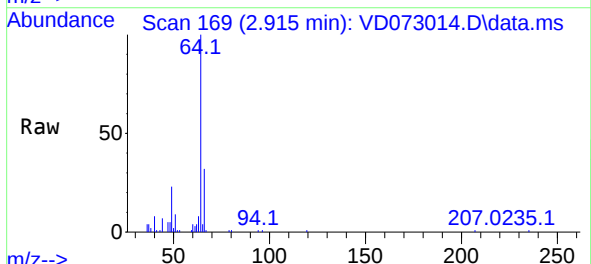
Manual Integrations
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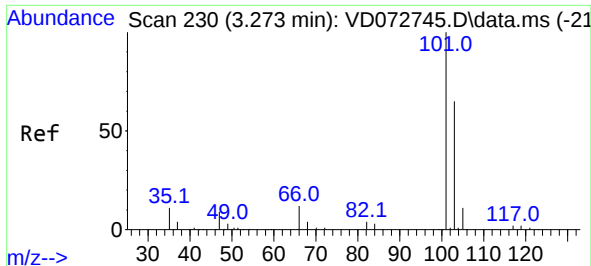
Reviewed By :John Carlone 05/19/2022
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#6
Chloroethane
Concen: 18.823 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

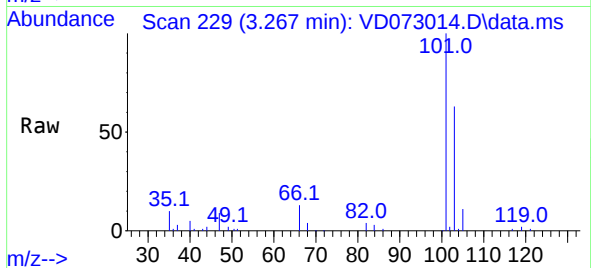
Tgt Ion: 64 Resp: 43845
Ion Ratio Lower Upper
64 100
66 32.0 25.9 38.9





#7
Trichlorofluoromethane
Concen: 19.674 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

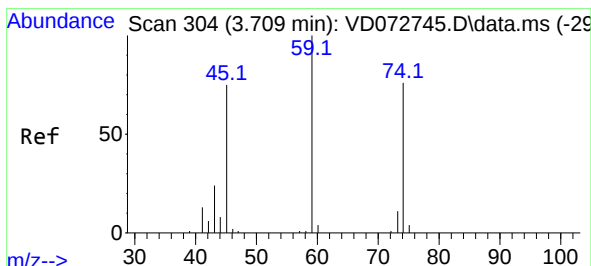
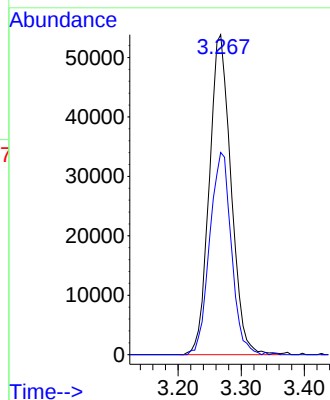
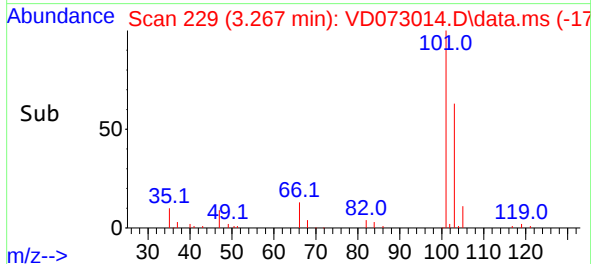
Instrument :
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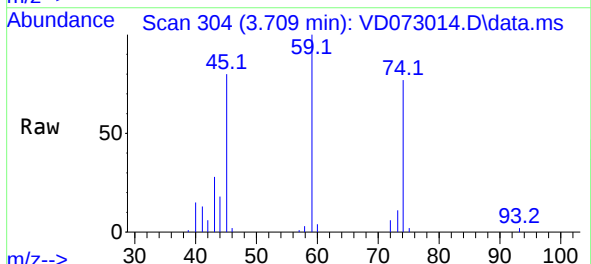
Tgt Ion:101 Resp: 12875
Ion Ratio Lower Upper
101 100
103 63.2 50.1 75.1

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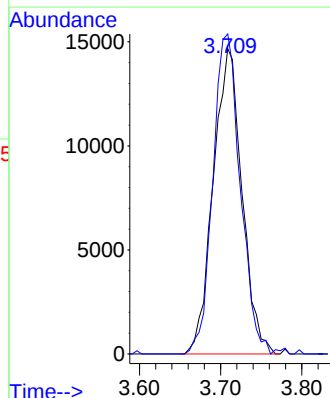
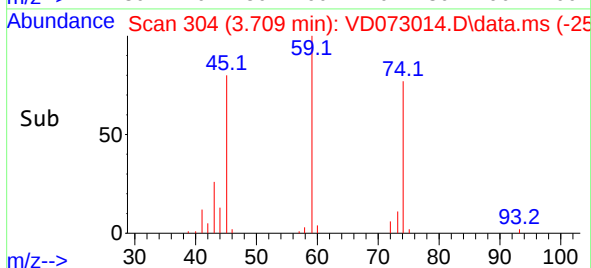
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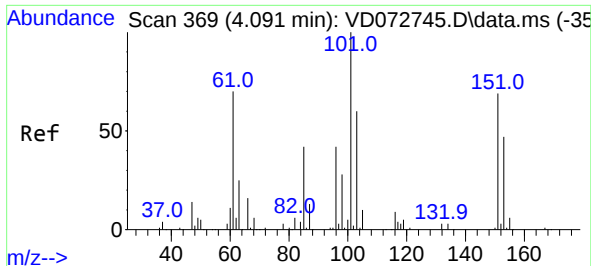


#8
Diethyl Ether
Concen: 19.260 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



Tgt Ion: 74 Resp: 36137
Ion Ratio Lower Upper
74 100
45 100.2 52.6 157.8





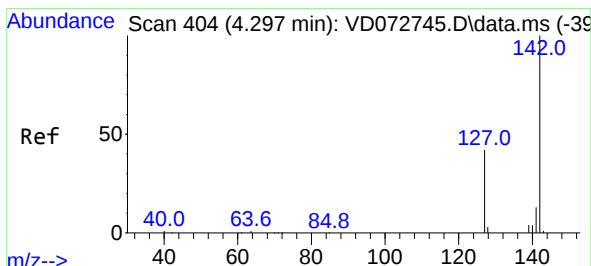
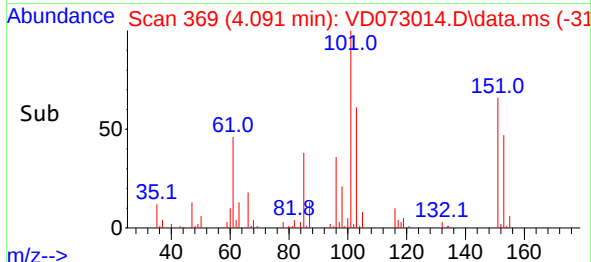
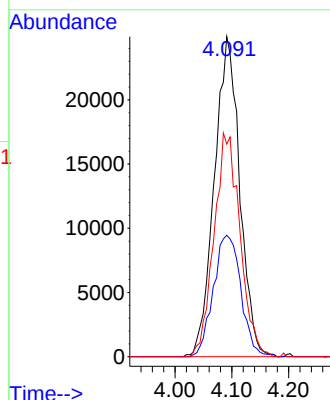
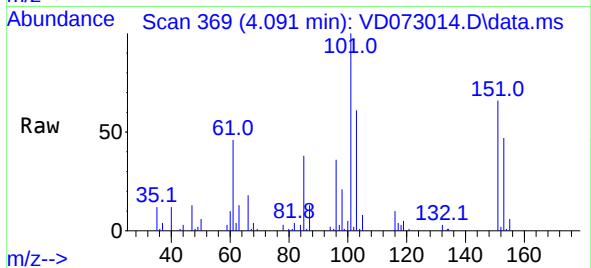
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.948 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion:101 Resp: 7750
Ion Ratio Lower Upper
101 100
85 41.1 36.4 54.6
151 71.4 57.3 85.9

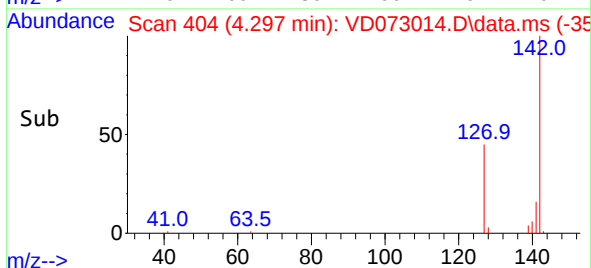
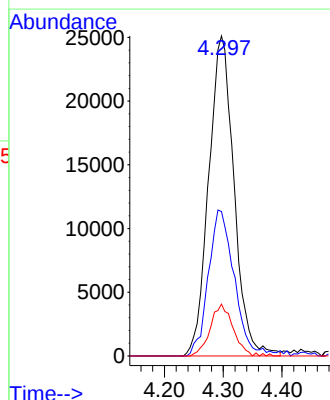
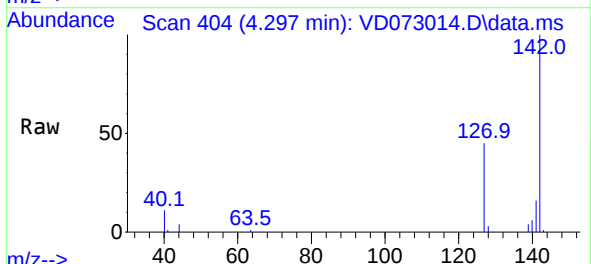
Manual Integrations
APPROVED

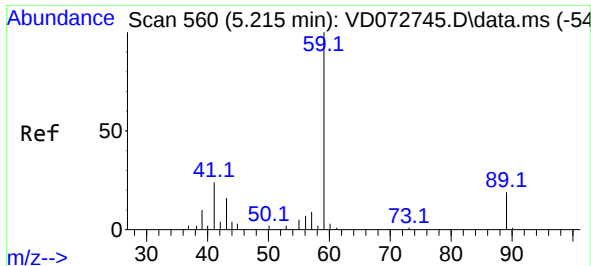
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#10
Methyl Iodide
Concen: 19.296 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Tgt Ion:142 Resp: 75242
Ion Ratio Lower Upper
142 100
127 46.6 37.3 55.9
141 14.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 160.521 ug/l

RT: 5.197 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD073014.D

Acq: 14 May 2022 03:52

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS02

Tgt Ion: 59 Resp: 5225

Ion Ratio Lower Upper

59 100

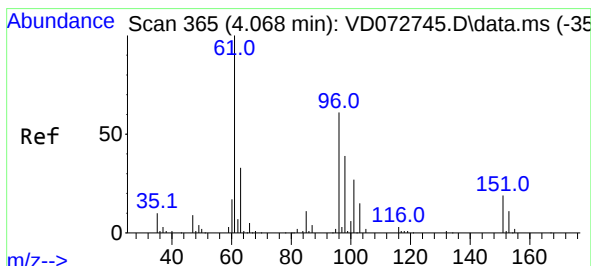
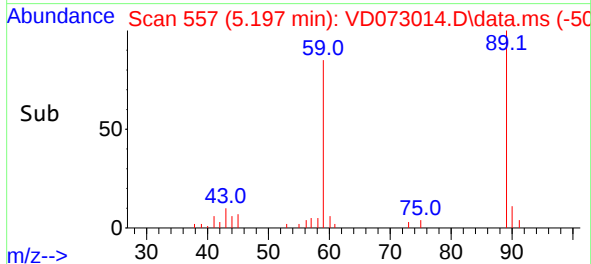
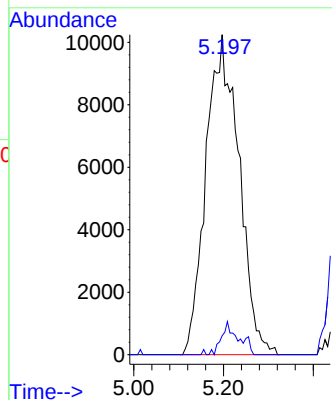
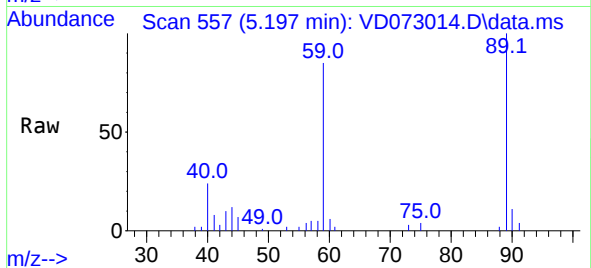
57 4.4 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#12

1,1-Dichloroethene

Concen: 19.745 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.006 min

Lab File: VD073014.D

Acq: 14 May 2022 03:52

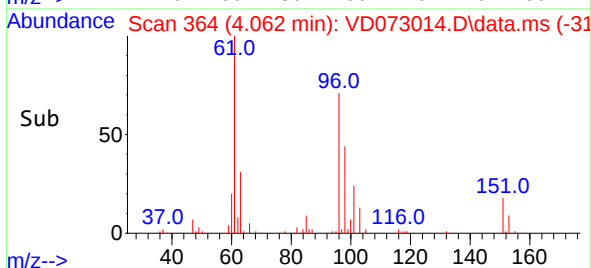
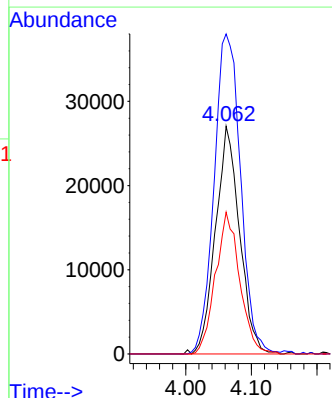
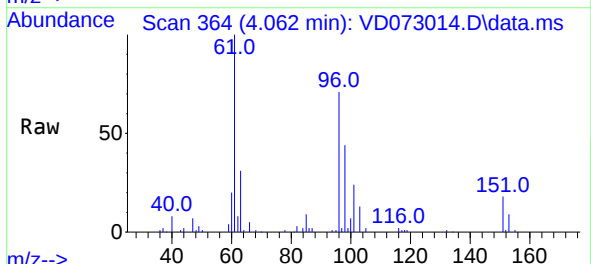
Tgt Ion: 96 Resp: 69006

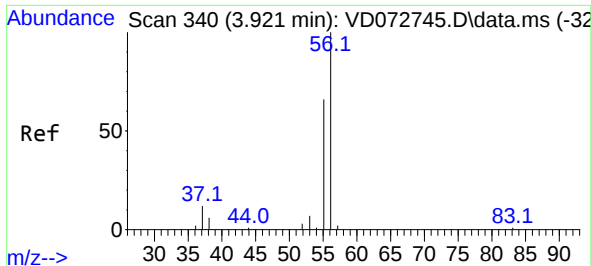
Ion Ratio Lower Upper

96 100

61 140.5 138.5 207.7

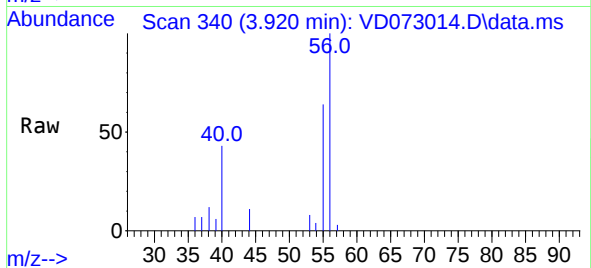
98 62.3 48.6 73.0





#13
Acrolein
Concen: 65.869 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.001 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

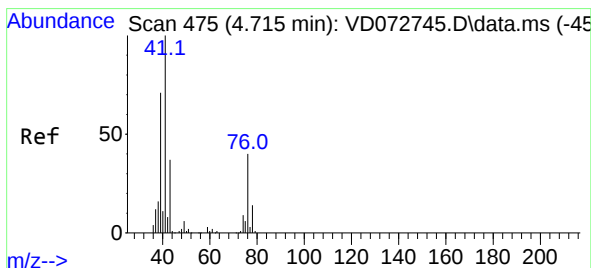
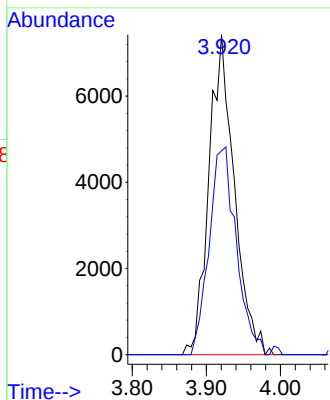
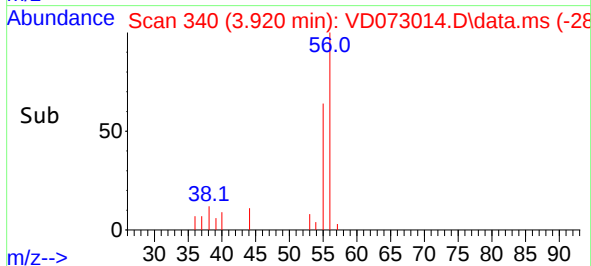
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



Tgt Ion: 56 Resp: 1769
Ion Ratio Lower Upper
56 100
55 69.4 57.1 85.7

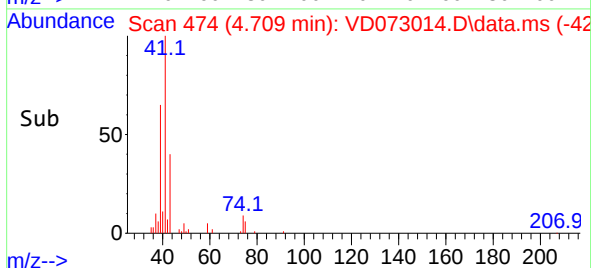
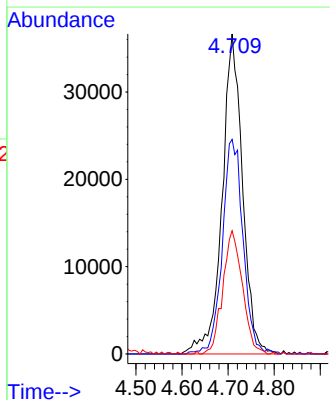
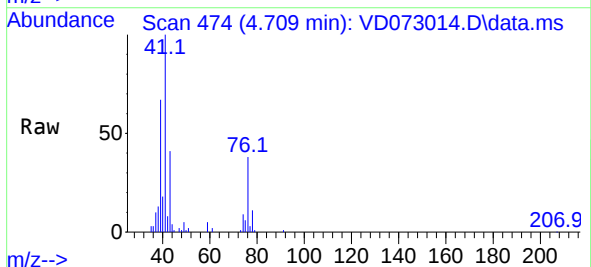
Manual Integrations
APPROVED

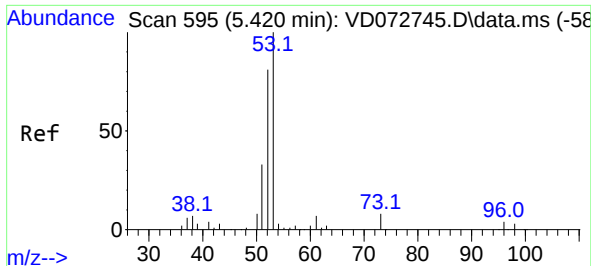
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#14
Allyl chloride
Concen: 19.962 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

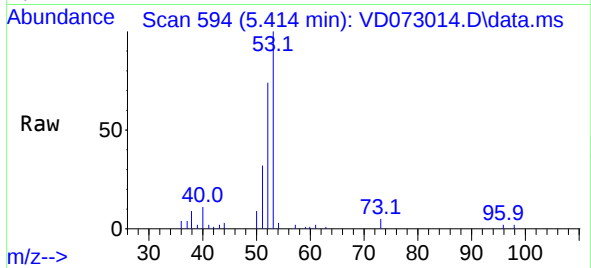
Tgt Ion: 41 Resp: 112629
Ion Ratio Lower Upper
41 100
39 67.7 59.3 88.9
76 37.0 25.7 38.5





#15
Acrylonitrile
Concen: 103.632 ug/l
RT: 5.414 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

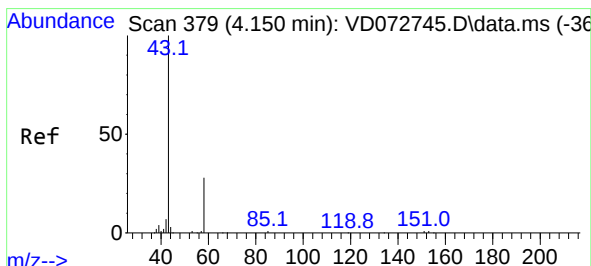
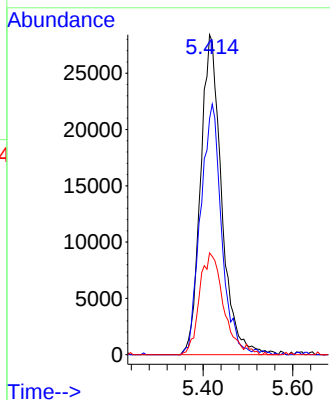
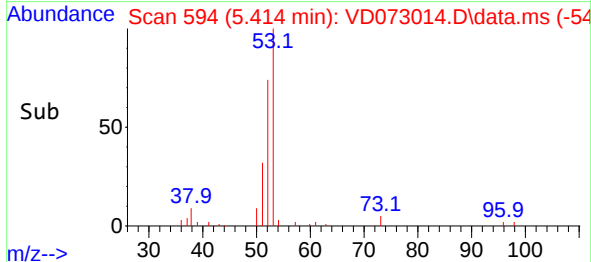
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



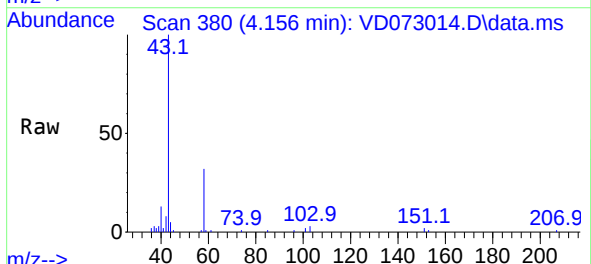
Tgt Ion: 53 Resp: 9240
Ion Ratio Lower Upper
53 100
52 78.1 67.2 100.8
51 35.5 30.3 45.5

Manual Integrations
APPROVED

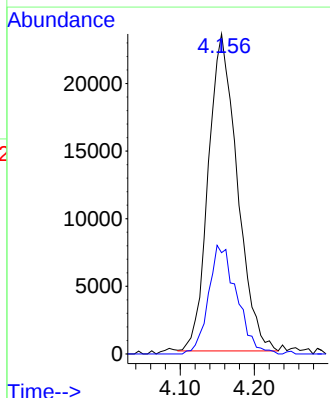
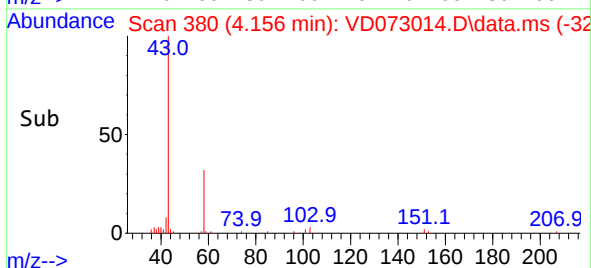
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

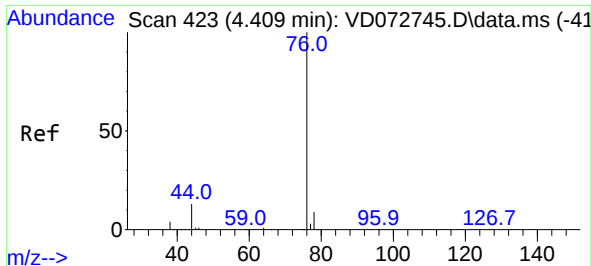


#16
Acetone
Concen: 81.132 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



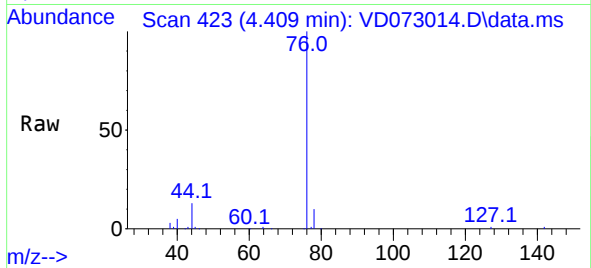
Tgt Ion: 43 Resp: 63763
Ion Ratio Lower Upper
43 100
58 32.0 22.1 33.1





#17
Carbon Disulfide
Concen: 17.593 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

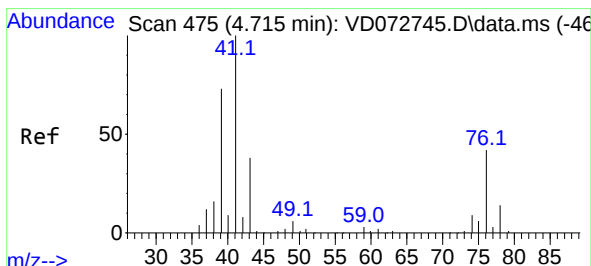
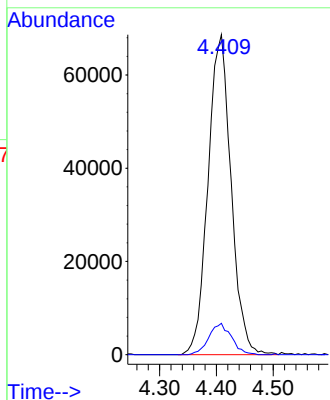
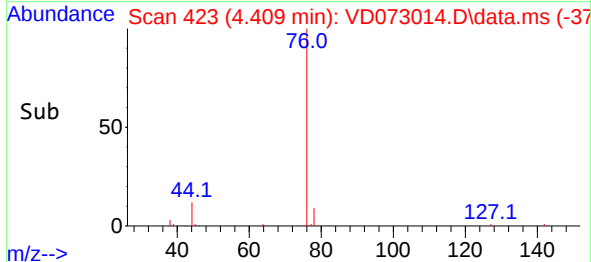
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



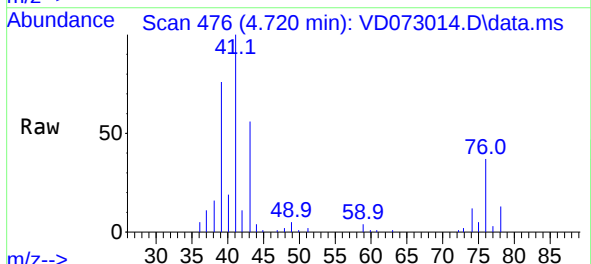
Tgt Ion: 76 Resp: 19332
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

Manual Integrations
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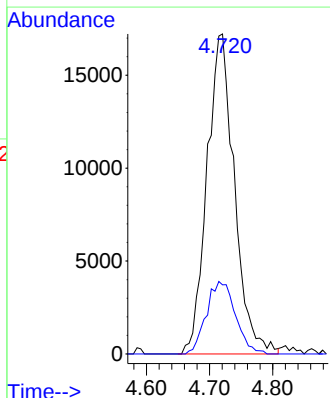
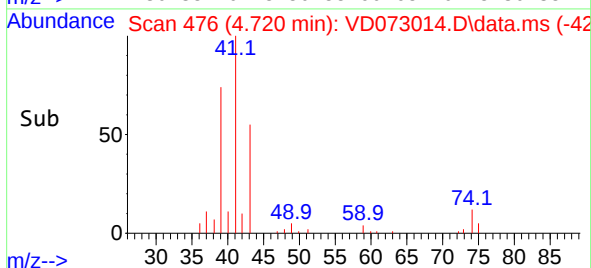
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#18
Methyl Acetate
Concen: 25.253 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



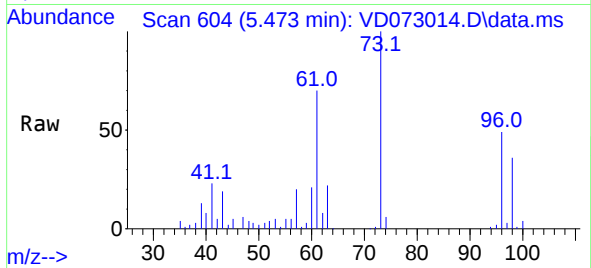
Tgt Ion: 43 Resp: 51947
Ion Ratio Lower Upper
43 100
74 24.0 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 20.105 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

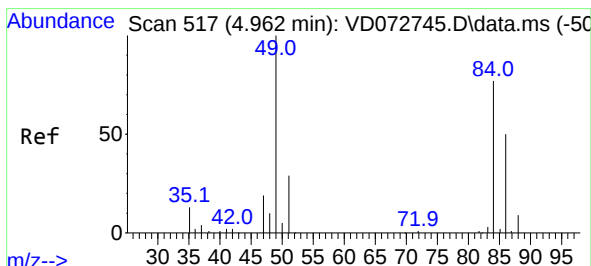
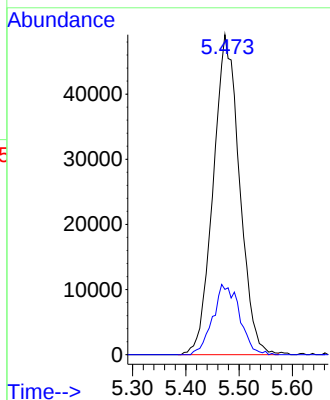
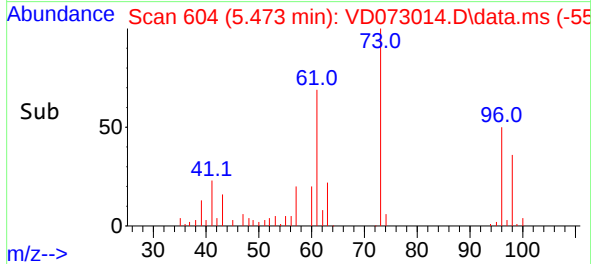
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



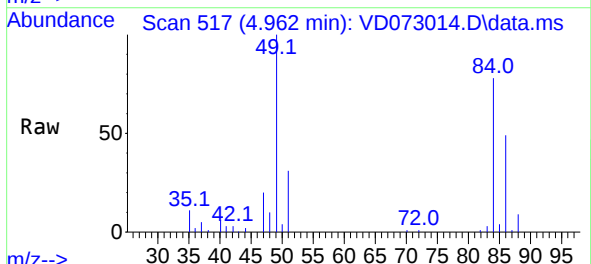
Tgt Ion: 73 Resp: 168440
Ion Ratio Lower Upper
73 100
57 20.4 18.0 27.0

Manual Integrations
APPROVED

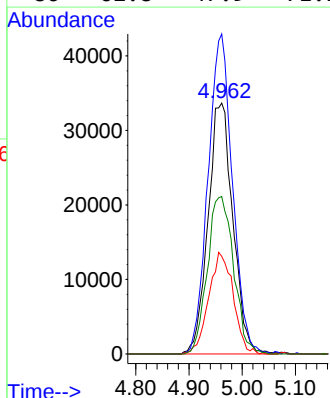
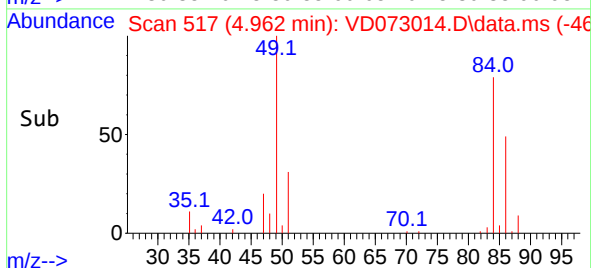
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

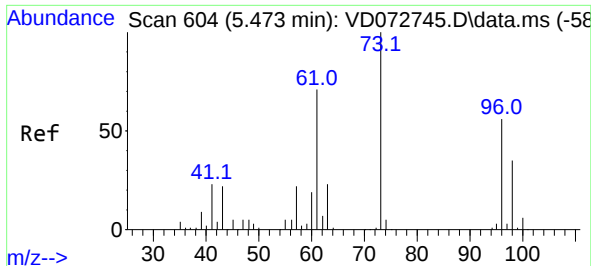


#20
Methylene Chloride
Concen: 20.573 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



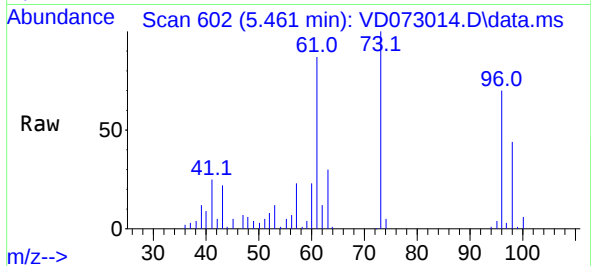
Tgt Ion: 84 Resp: 109244
Ion Ratio Lower Upper
84 100
49 127.6 112.8 169.2
51 38.9 32.6 48.8
86 62.8 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 20.592 ug/l
RT: 5.461 min Scan# 604
Delta R.T. -0.012 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

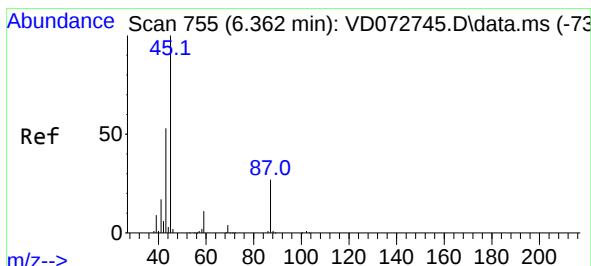
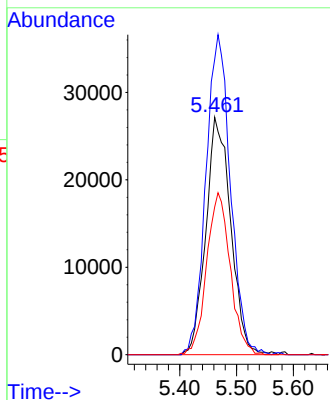
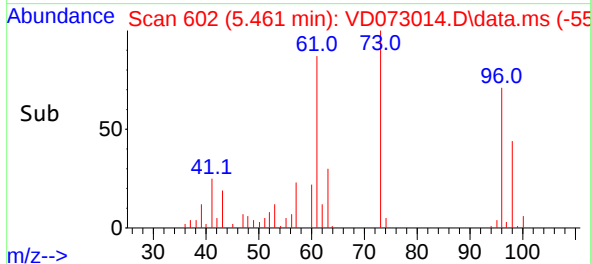
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



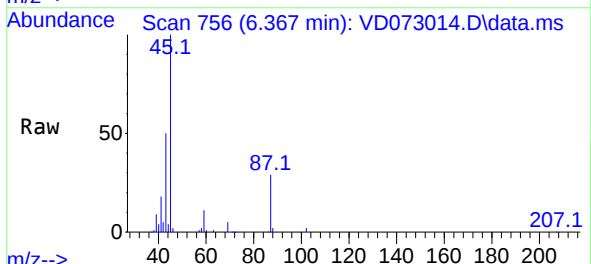
Tgt Ion: 96 Resp: 82538
Ion Ratio Lower Upper
96 100
61 124.3 117.9 176.9
98 62.2 49.4 74.2

Manual Integrations
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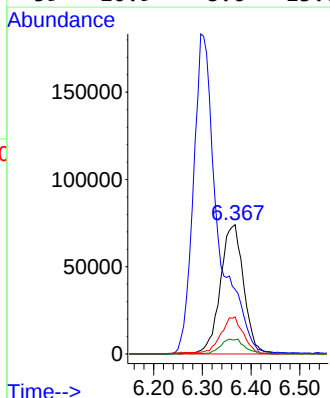
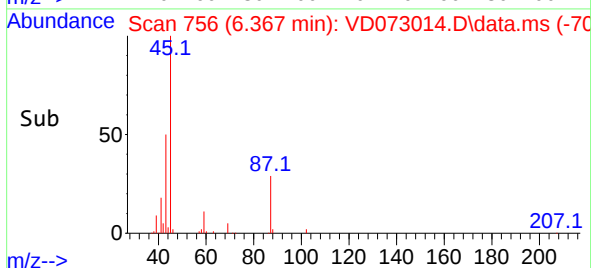
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

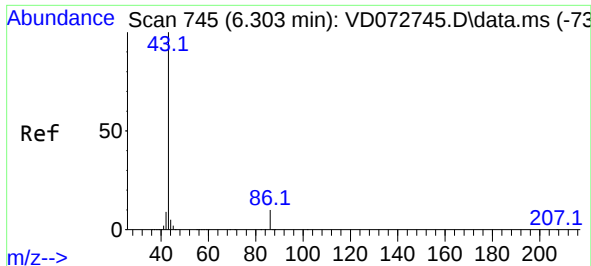


#22
Diisopropyl ether
Concen: 19.861 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.005 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



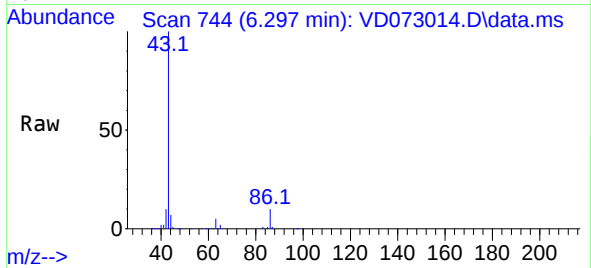
Tgt Ion: 45 Resp: 246518
Ion Ratio Lower Upper
45 100
43 48.5 46.6 70.0
87 28.7 18.4 27.6#
59 10.9 8.6 13.0





#23
 Vinyl Acetate
 Concen: 93.649 ug/l
 RT: 6.297 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD073014.D
 Acq: 14 May 2022 03:52

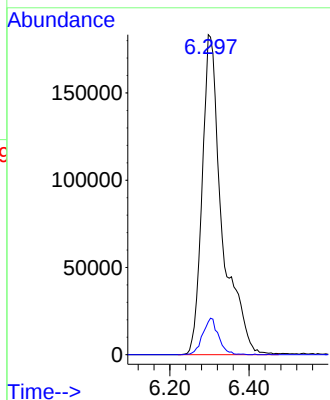
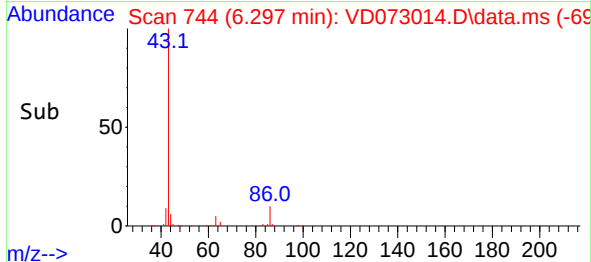
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS02



Tgt Ion: 43 Resp: 642099
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.1 10.7

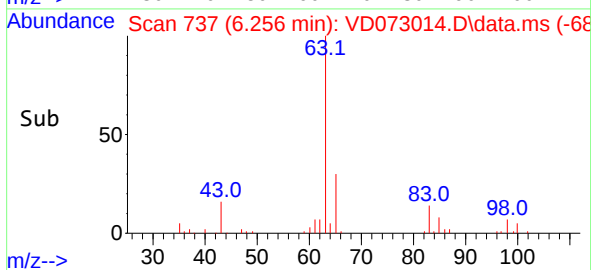
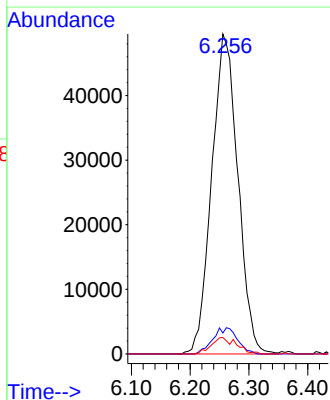
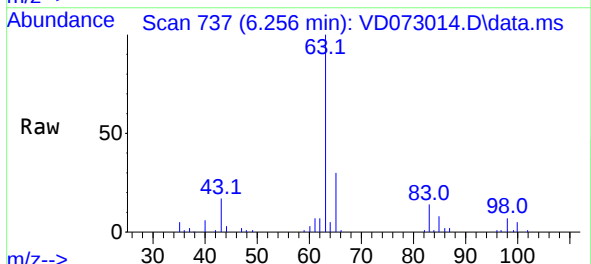
Manual Integrations
 APPROVED

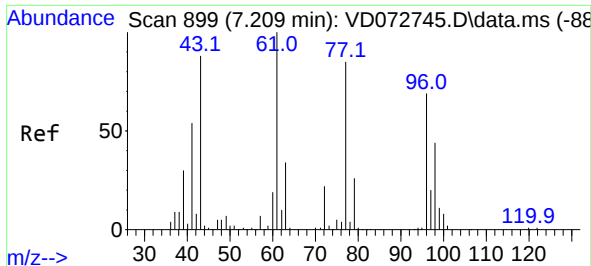
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022



#24
 1,1-Dichloroethane
 Concen: 20.523 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073014.D
 Acq: 14 May 2022 03:52

Tgt Ion: 63 Resp: 153044
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 5.1 2.1 6.5





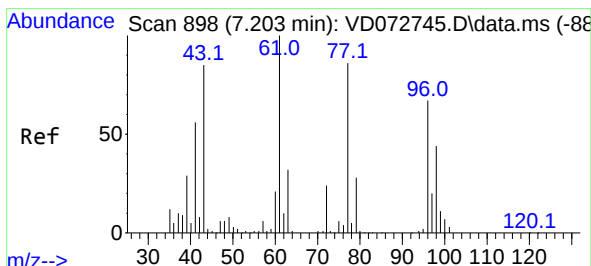
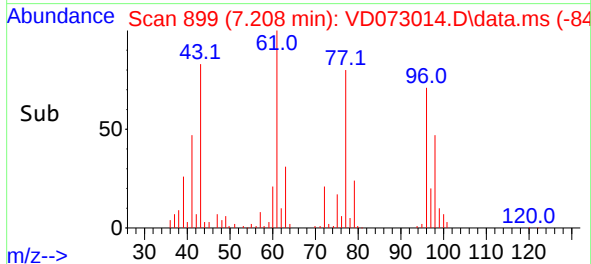
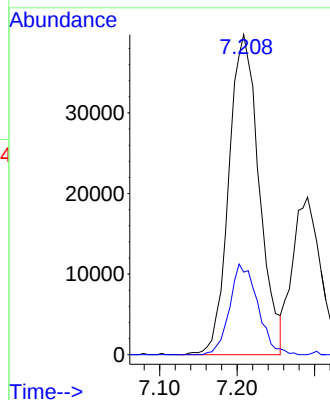
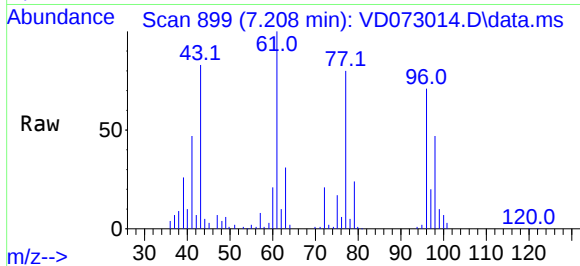
#25
2-Butanone
Concen: 98.657 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 43 Resp: 108140
Ion Ratio Lower Upper
43 100
72 25.8 18.6 27.8

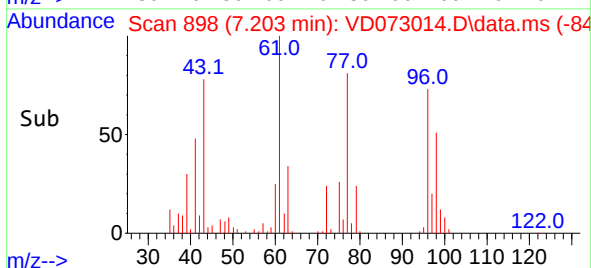
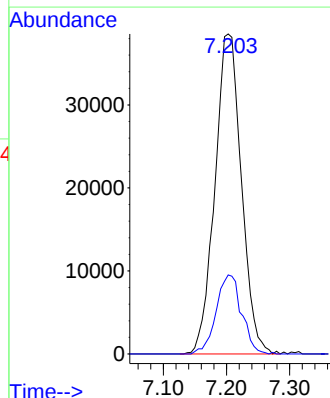
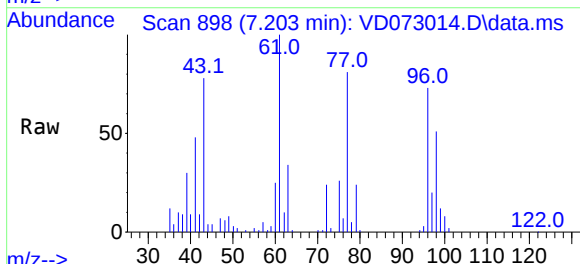
Manual Integrations
APPROVED

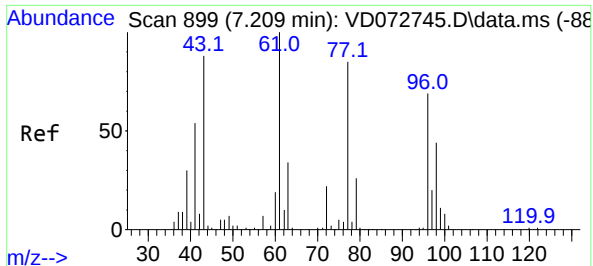
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#26
2,2-Dichloropropane
Concen: 17.813 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Tgt Ion: 77 Resp: 112295
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.4





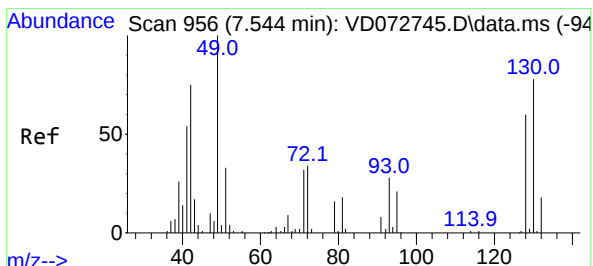
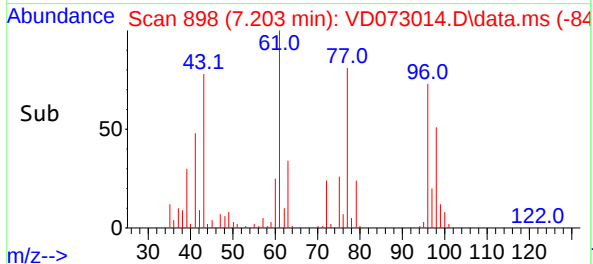
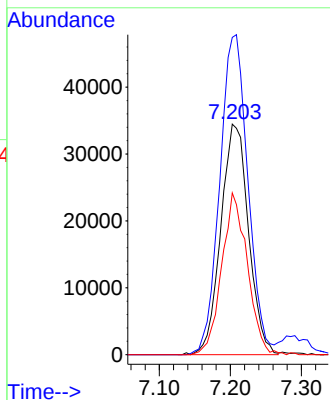
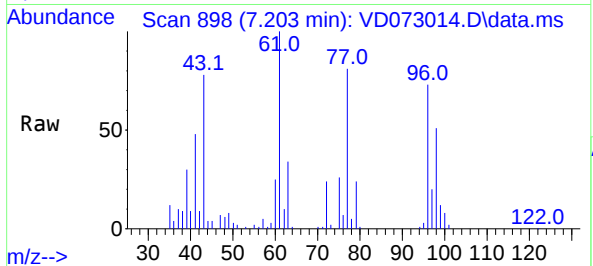
#27
cis-1,2-Dichloroethene
Concen: 20.338 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 96 Resp: 9336
Ion Ratio Lower Upper
96 100
61 141.0 0.0 313.8
98 64.9 0.0 128.8

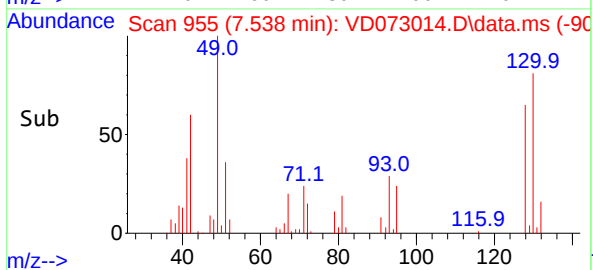
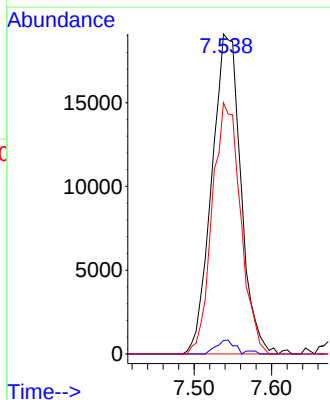
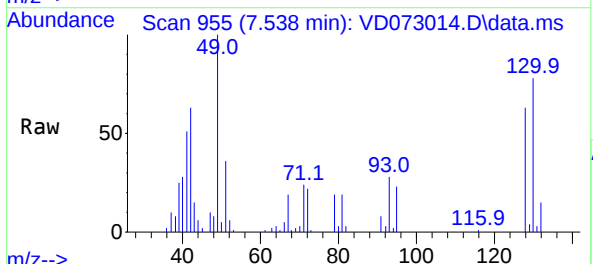
Manual Integrations
APPROVED

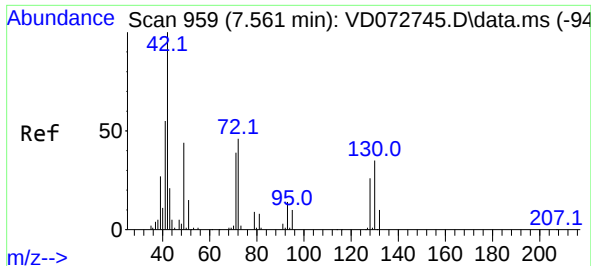
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#28
Bromochloromethane
Concen: 17.894 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Tgt Ion: 49 Resp: 49760
Ion Ratio Lower Upper
49 100
129 2.8 0.0 4.0
130 76.5 52.6 79.0





#29

Tetrahydrofuran

Concen: 101.966 ug/l

RT: 7.561 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD073014.D

Acq: 14 May 2022 03:52

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD02

Tgt Ion: 42 Resp: 71245

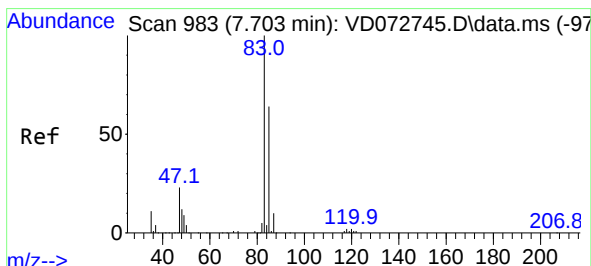
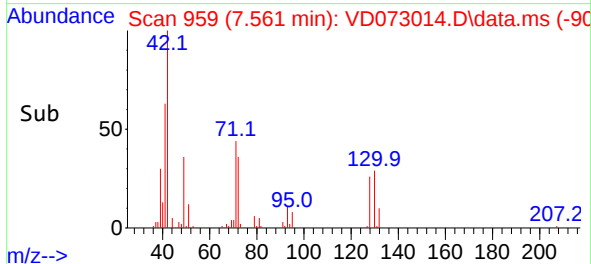
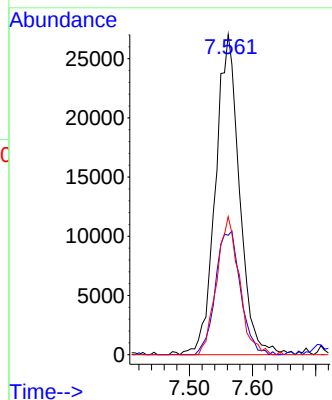
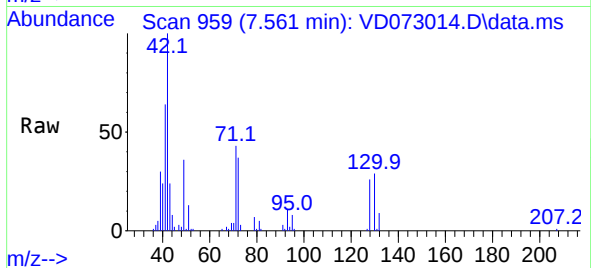
Ion	Ratio	Lower	Upper
42	100		
72	40.4	30.7	46.1
71	40.6	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#30

Chloroform

Concen: 20.862 ug/l

RT: 7.703 min Scan# 983

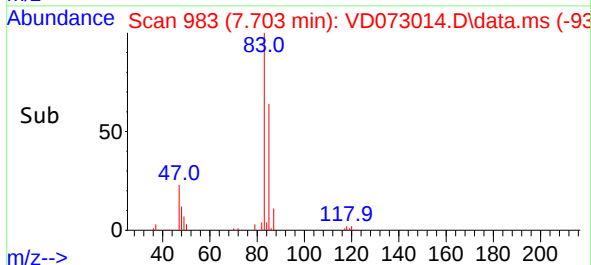
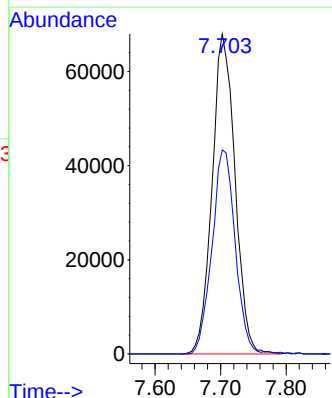
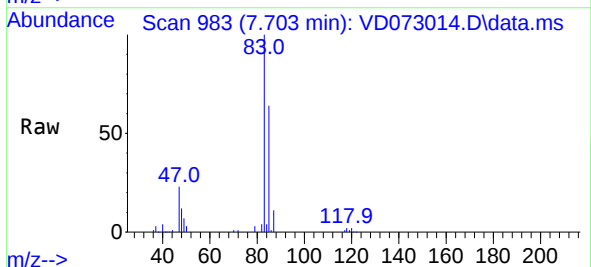
Delta R.T. -0.000 min

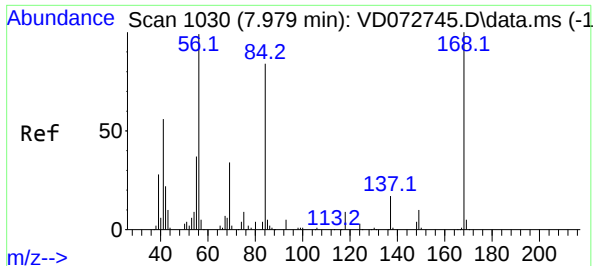
Lab File: VD073014.D

Acq: 14 May 2022 03:52

Tgt Ion: 83 Resp: 164608

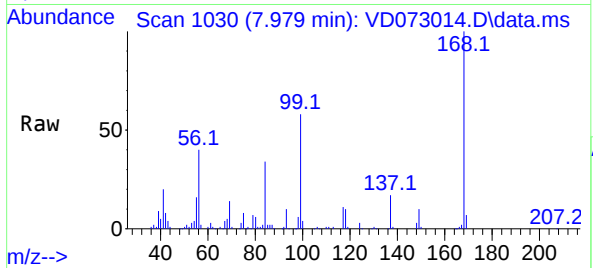
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.7	79.1





#31
Cyclohexane
Concen: 18.450 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

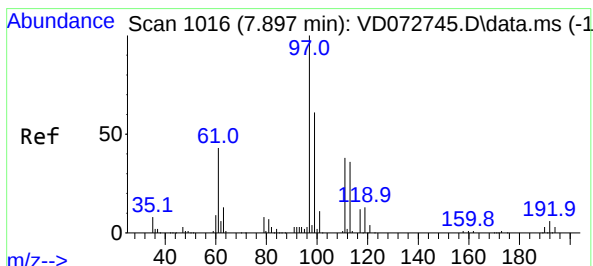
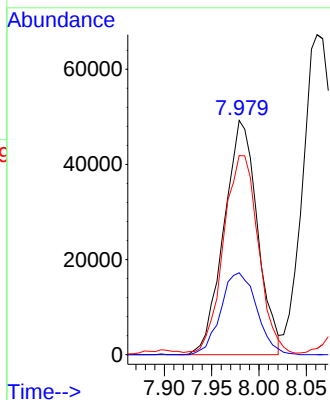
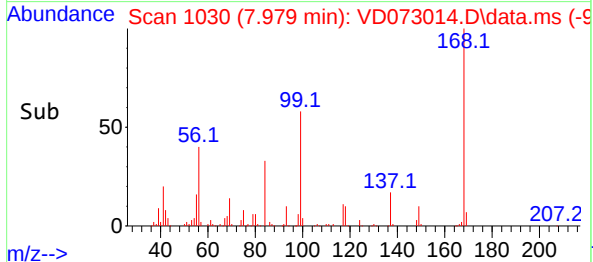
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



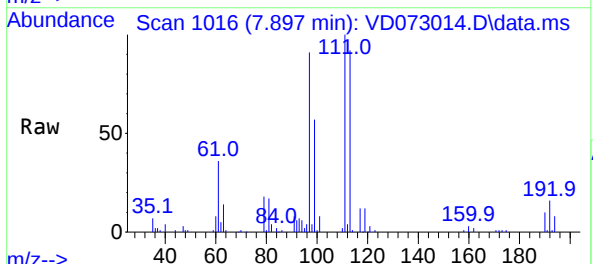
Tgt Ion: 56 Resp: 121338
Ion Ratio Lower Upper
56 100
69 34.9 25.4 38.2
84 83.6 63.0 94.4

Manual Integrations
APPROVED

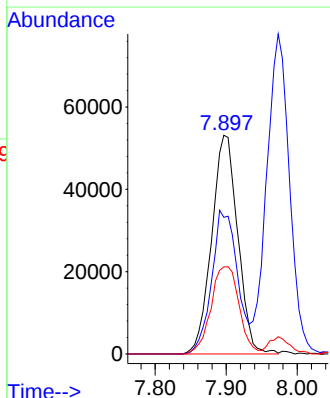
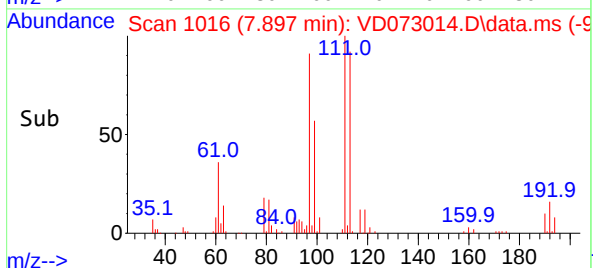
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

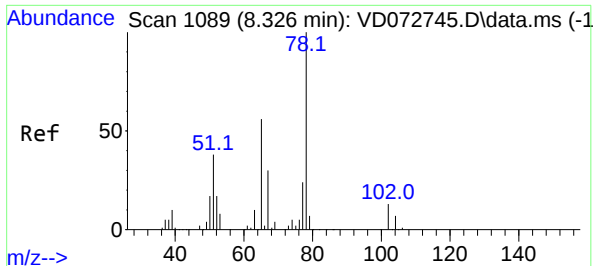


#32
1,1,1-Trichloroethane
Concen: 20.132 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



Tgt Ion: 97 Resp: 135381
Ion Ratio Lower Upper
97 100
99 64.5 52.4 78.6
61 43.0 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 46.904 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073014.D

Acq: 14 May 2022 03:52

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS02

Tgt Ion: 65 Resp: 17646

Ion Ratio Lower Upper

65 100

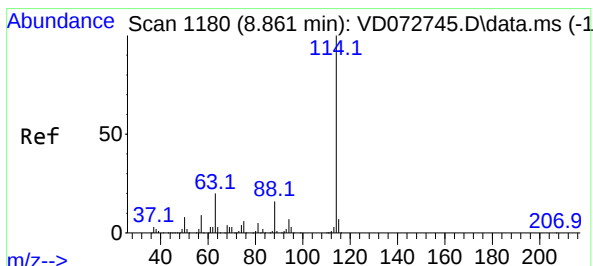
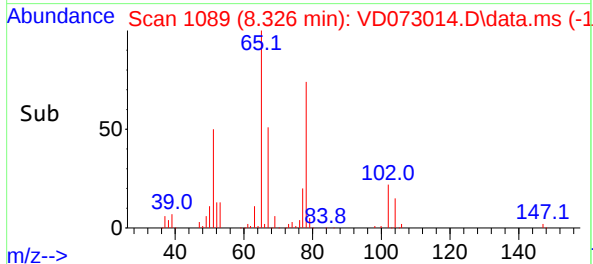
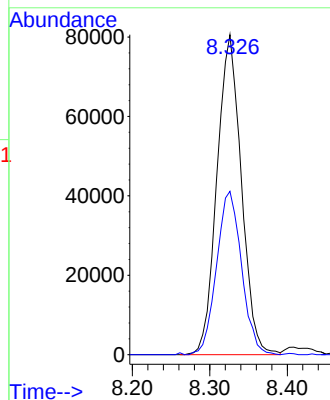
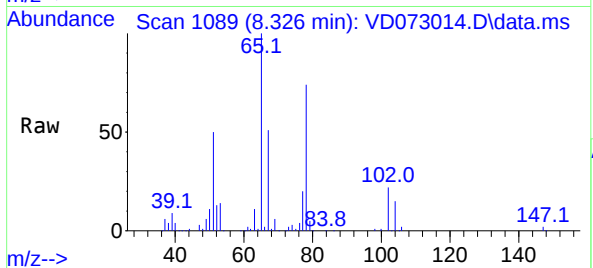
67 52.3 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073014.D

Acq: 14 May 2022 03:52

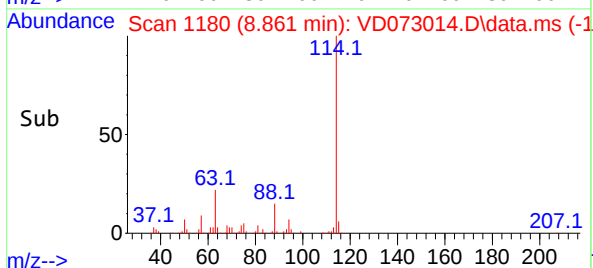
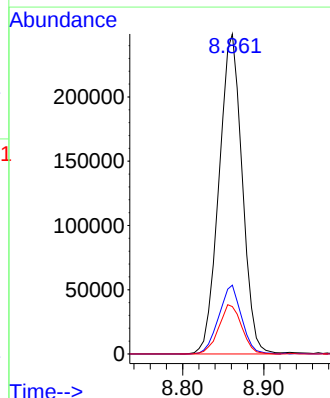
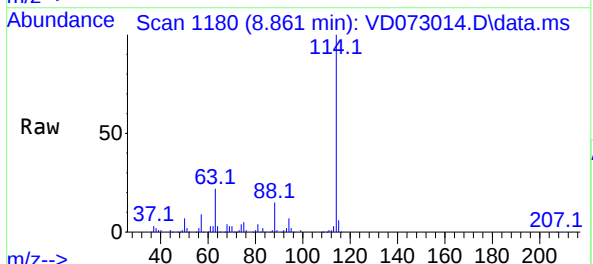
Tgt Ion:114 Resp: 494538

Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

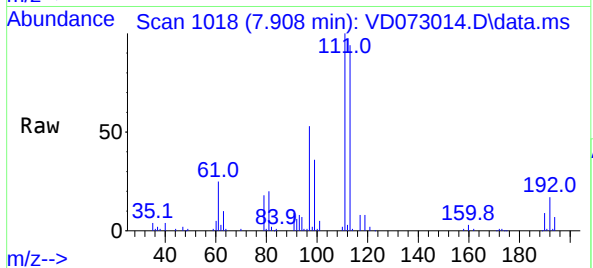
88 14.8 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.974 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

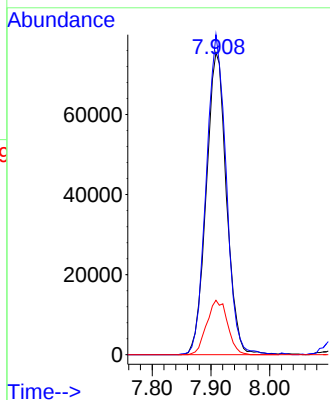
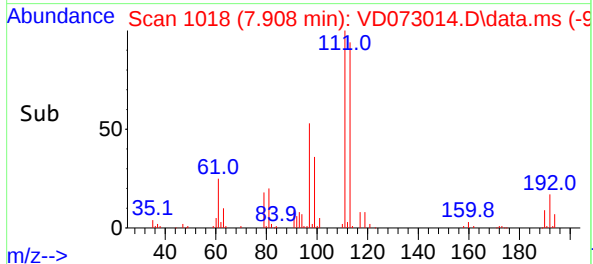
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



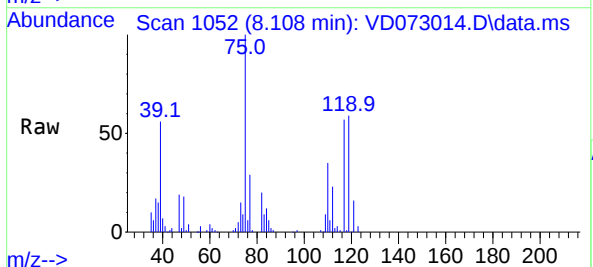
Tgt Ion: 113 Resp: 180510
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.6
192 18.5 14.6 21.8

Manual Integrations
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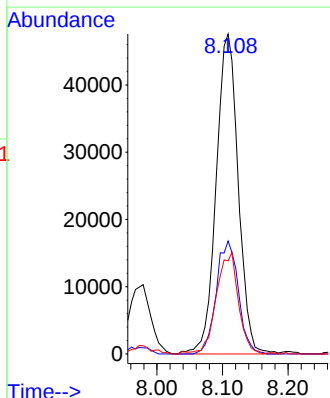
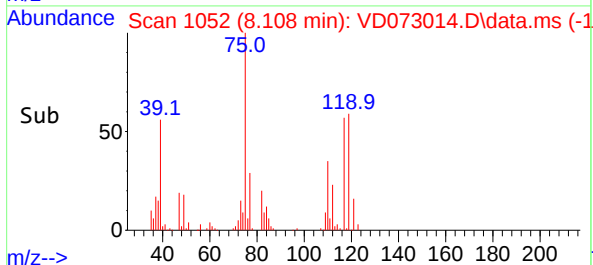
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

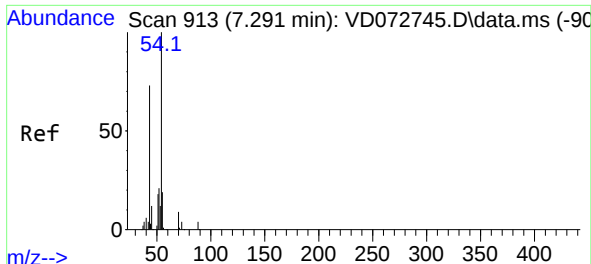


#36
1,1-Dichloropropene
Concen: 19.650 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.001 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



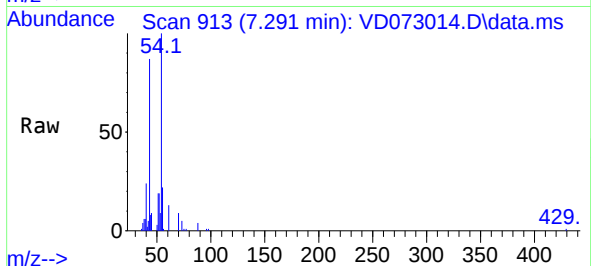
Tgt Ion: 75 Resp: 110972
Ion Ratio Lower Upper
75 100
110 35.3 16.4 49.1
77 31.9 24.2 36.2





#37
Ethyl Acetate
Concen: 19.128 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

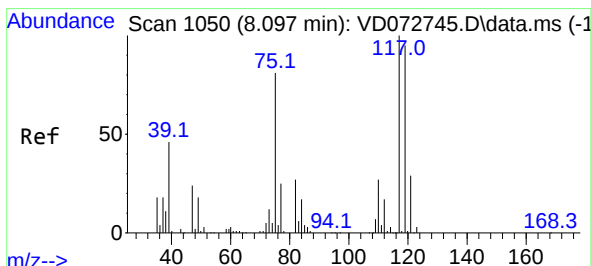
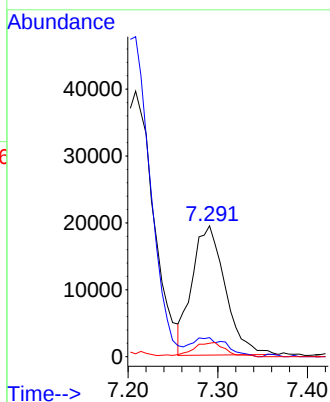
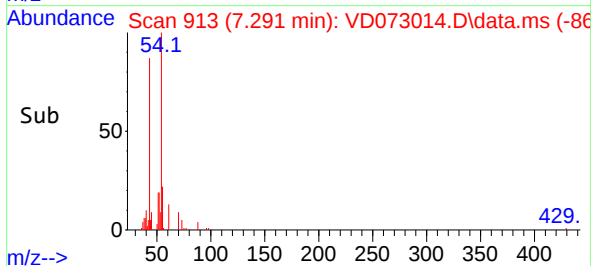
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



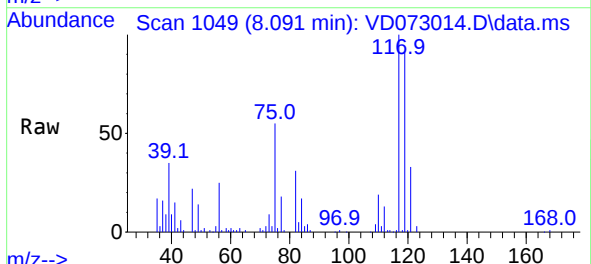
Tgt Ion: 43 Resp: 49660
Ion Ratio Lower Upper
43 100
61 15.6 9.8 14.8
70 10.9 6.9 10.3

Manual Integrations
APPROVED

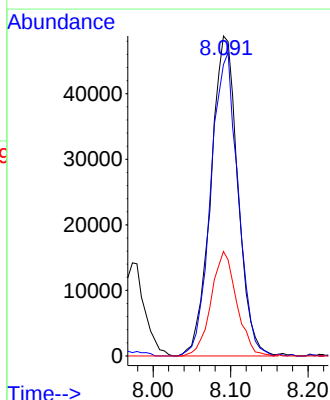
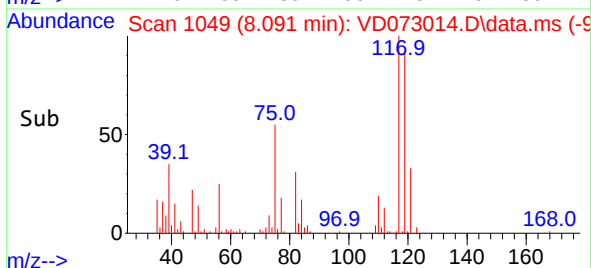
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#38
Carbon Tetrachloride
Concen: 20.146 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



Tgt Ion:117 Resp: 118102
Ion Ratio Lower Upper
117 100
119 91.1 75.8 113.6
121 32.7 24.5 36.7





#39

Methylcyclohexane

Concen: 17.732 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073014.D

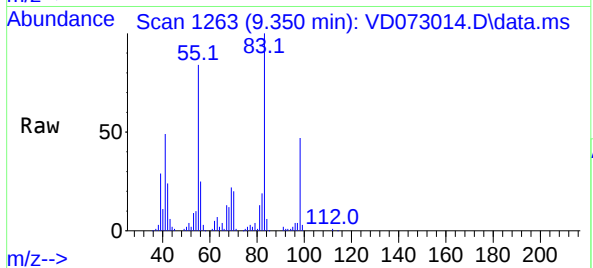
Acq: 14 May 2022 03:52

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS02



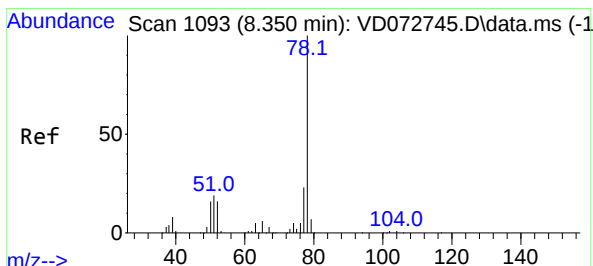
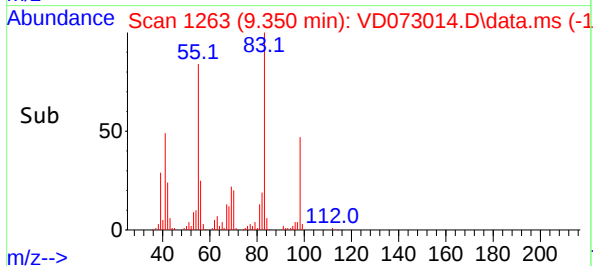
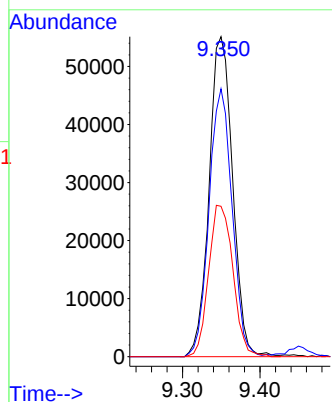
Tgt Ion:	83	Resp:	116154
Ion	Ratio	Lower	Upper
83	100		
55	83.7	63.2	94.8
98	47.0	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#40

Benzene

Concen: 20.374 ug/l

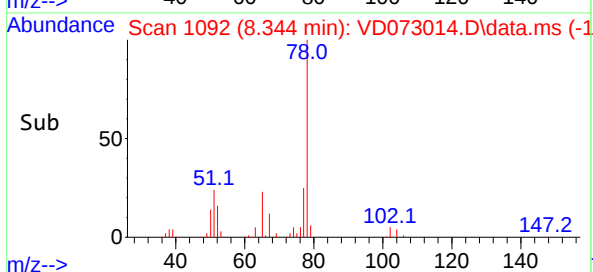
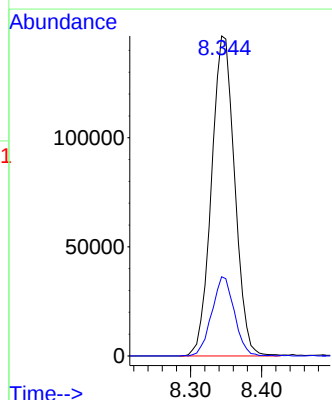
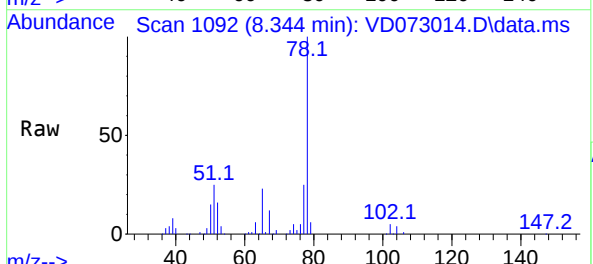
RT: 8.344 min Scan# 1092

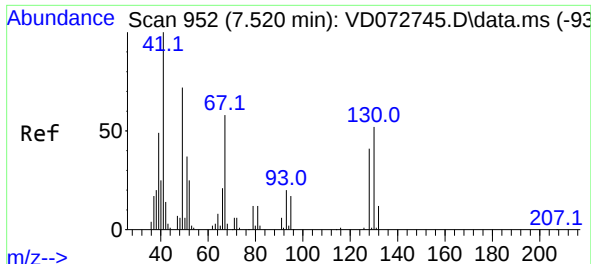
Delta R.T. -0.006 min

Lab File: VD073014.D

Acq: 14 May 2022 03:52

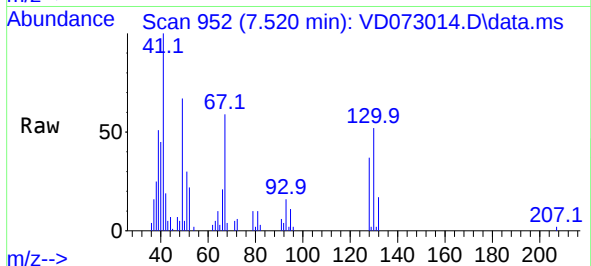
Tgt Ion:	78	Resp:	332281
Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.1	28.7





#41
Methacrylonitrile
Concen: 21.097 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

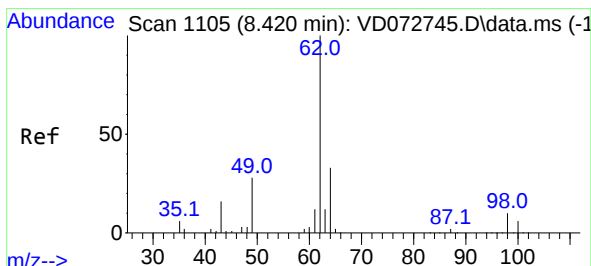
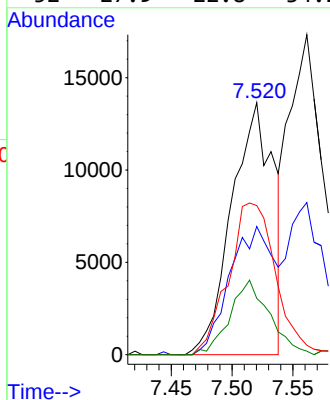
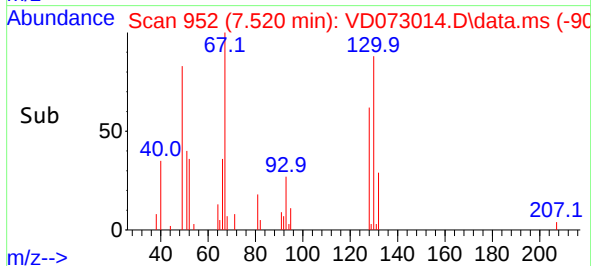
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



Tgt Ion: 41 Resp: 3261
Ion Ratio Lower Upper
41 100
39 53.6 44.6 67.0
67 67.9 48.2 72.4
52 27.9 22.8 34.2

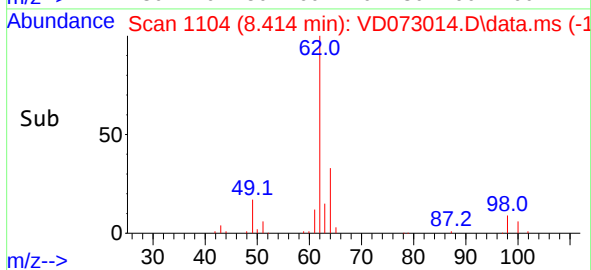
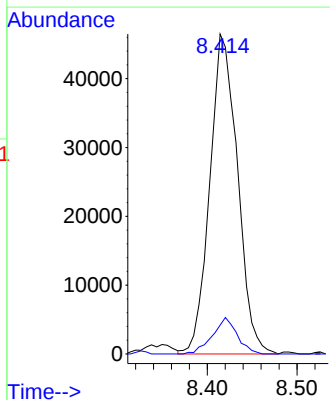
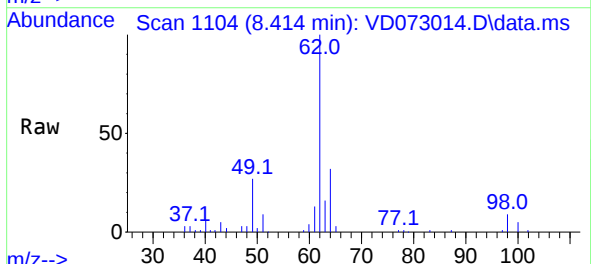
Manual Integrations
APPROVED

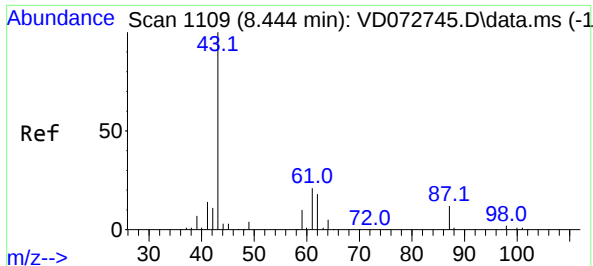
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#42
1,2-Dichloroethane
Concen: 20.305 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Tgt Ion: 62 Resp: 99790
Ion Ratio Lower Upper
62 100
98 10.1 0.0 17.6





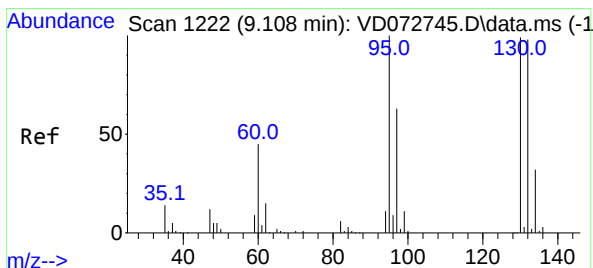
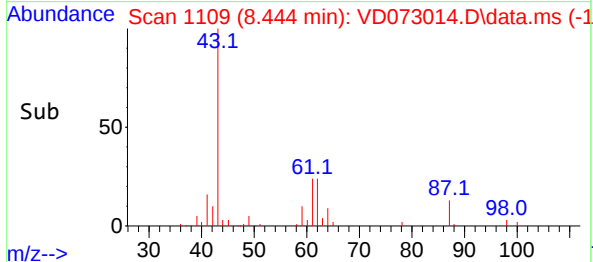
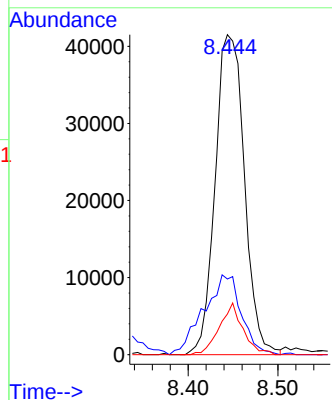
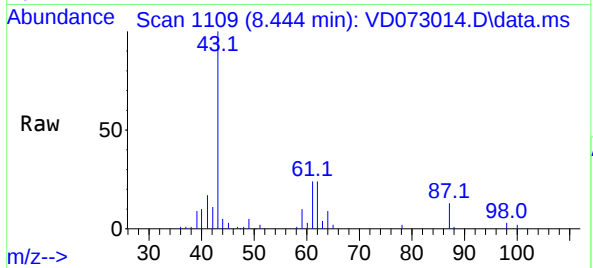
#43
Isopropyl Acetate
Concen: 19.599 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 43 Resp: 93914
Ion Ratio Lower Upper
43 100
61 32.0 22.4 33.6
87 13.1 8.7 13.1

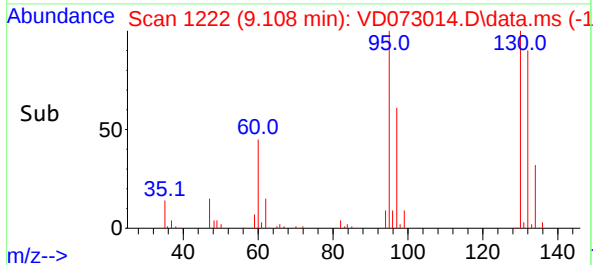
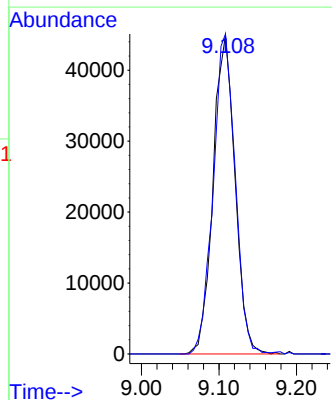
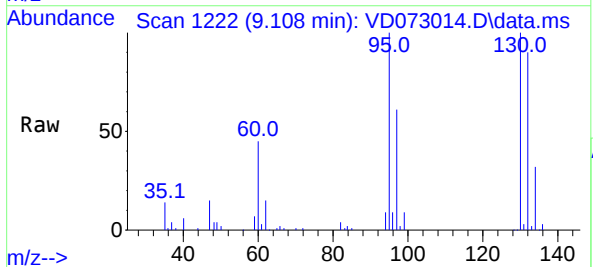
Manual Integrations
APPROVED

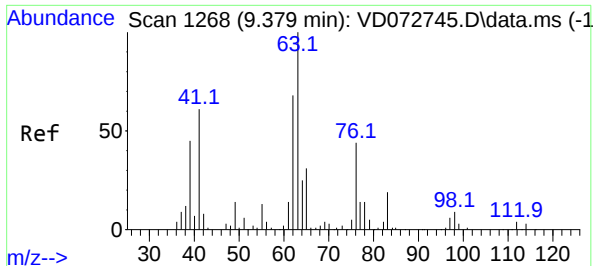
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#44
Trichloroethene
Concen: 20.228 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Tgt Ion:130 Resp: 88260
Ion Ratio Lower Upper
130 100
95 100.4 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.892 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073014.D

Acq: 14 May 2022 03:52

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD02

Tgt Ion: 63 Resp: 8948

Ion Ratio Lower Upper

63 100

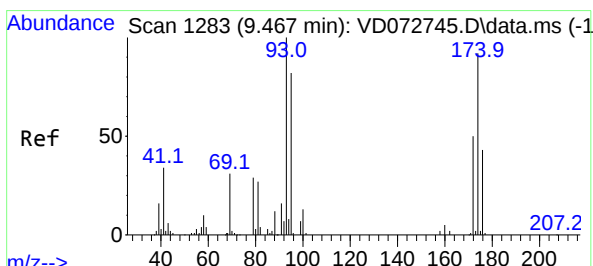
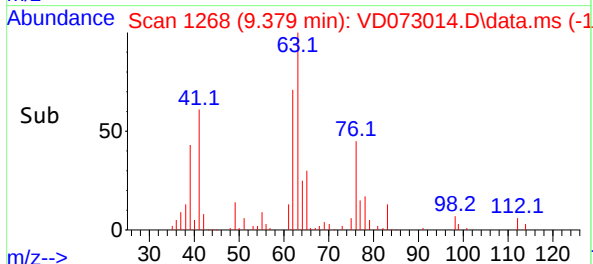
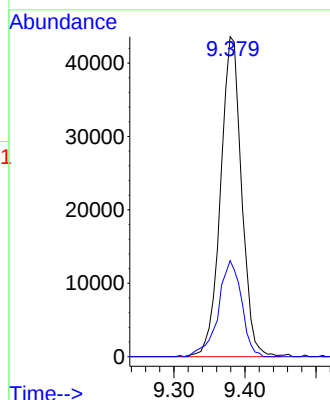
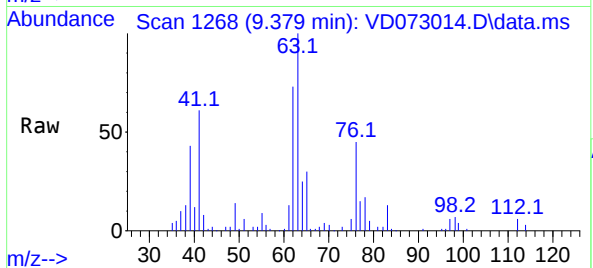
65 30.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#46

Dibromomethane

Concen: 19.737 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073014.D

Acq: 14 May 2022 03:52

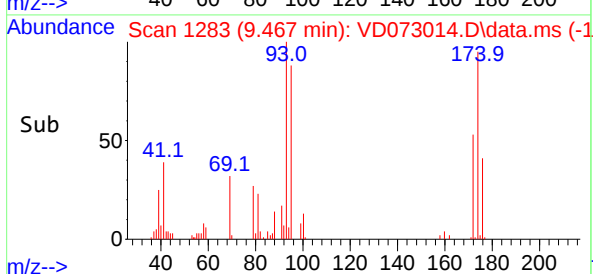
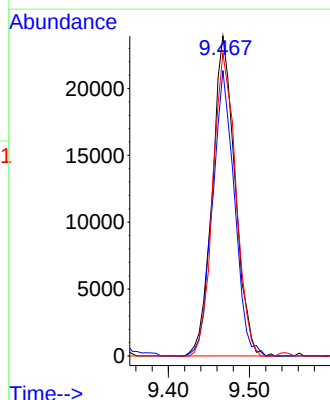
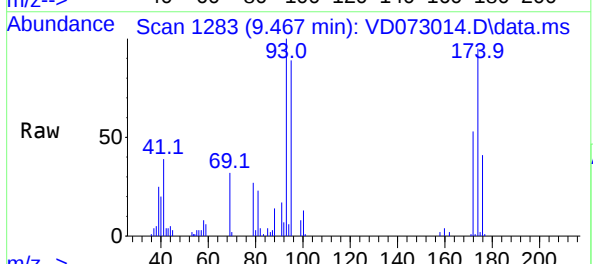
Tgt Ion: 93 Resp: 46632

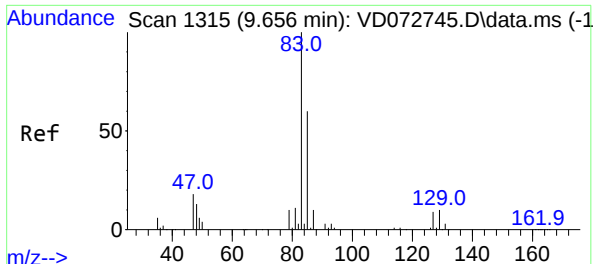
Ion Ratio Lower Upper

93 100

95 85.8 66.7 100.1

174 95.5 71.6 107.4





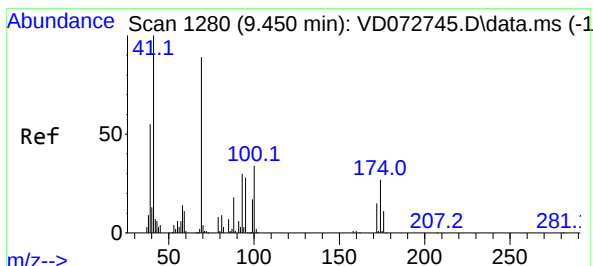
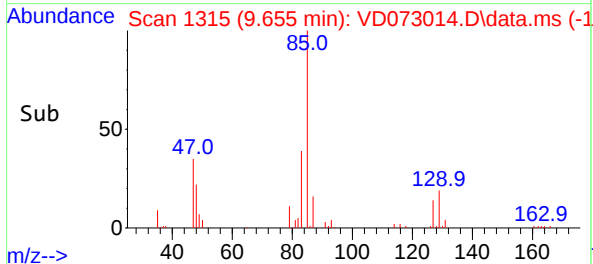
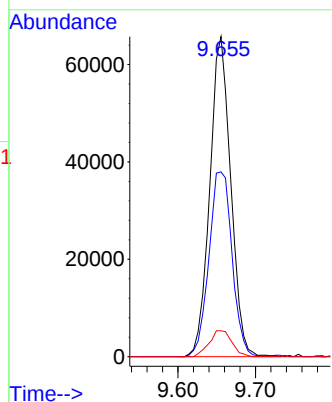
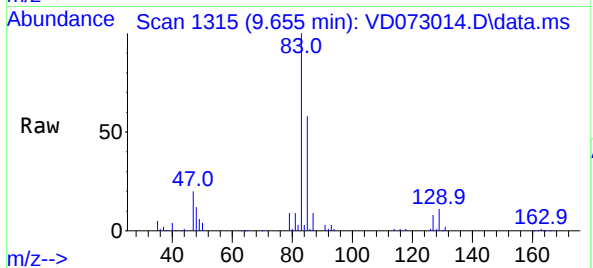
#47
Bromodichloromethane
Concen: 20.321 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.001 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02

Tgt Ion: 83 Resp: 123508
Ion Ratio Lower Upper
83 100
85 57.7 51.4 77.0
127 8.1 6.1 9.1

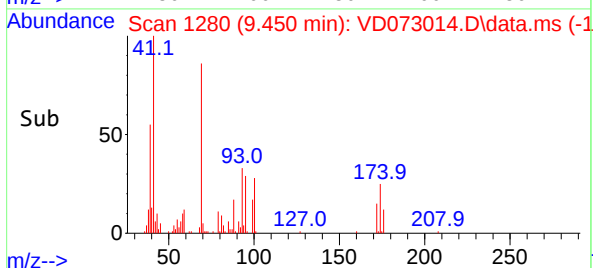
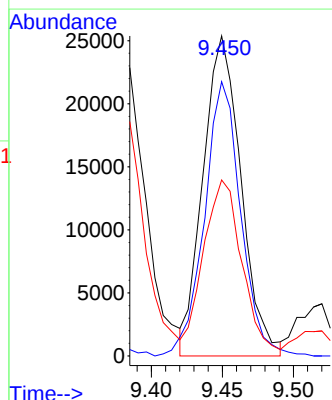
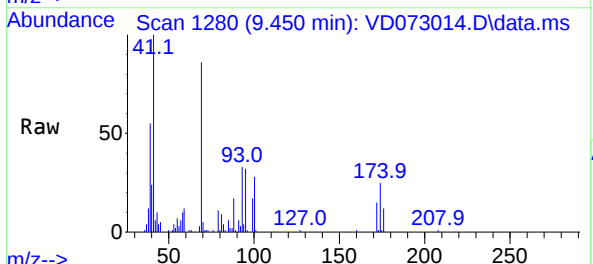
Manual Integrations
APPROVED

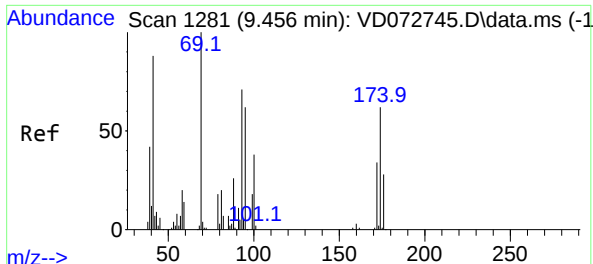
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#48
Methyl methacrylate
Concen: 20.120 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Tgt Ion: 41 Resp: 47165
Ion Ratio Lower Upper
41 100
69 82.2 56.7 85.1
39 55.5 42.7 64.1





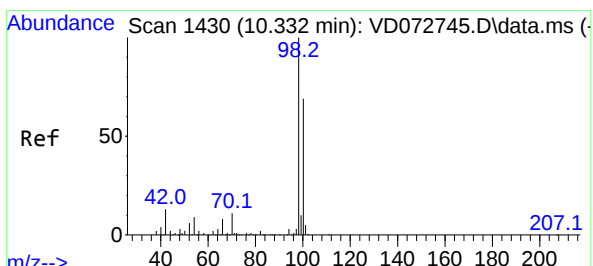
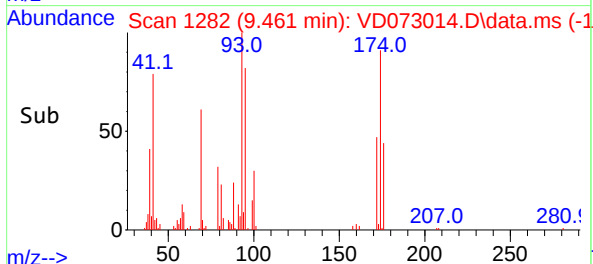
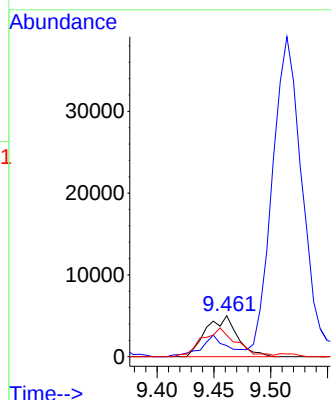
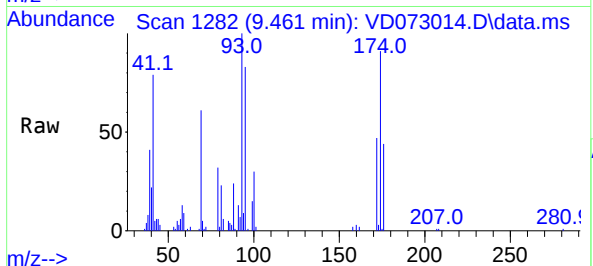
#49
1,4-Dioxane
Concen: 360.681 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.005 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02

Tgt Ion: 88 Resp: 9590
Ion Ratio Lower Upper
88 100
43 45.7 31.0 46.4
58 76.6 58.1 87.1

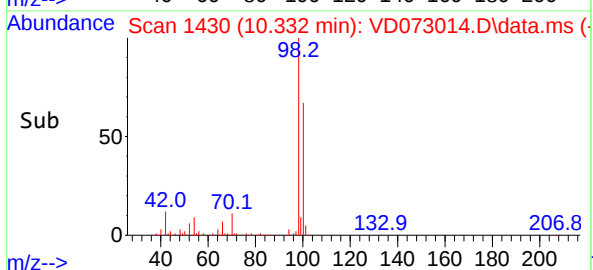
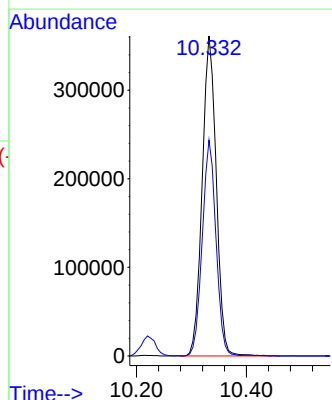
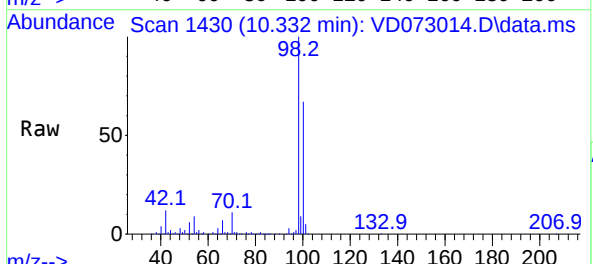
Manual Integrations
APPROVED

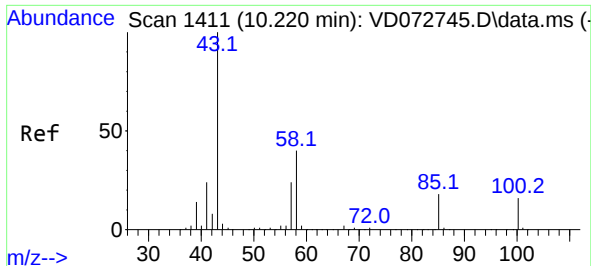
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#50
Toluene-d8
Concen: 51.491 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Tgt Ion: 98 Resp: 641509
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6





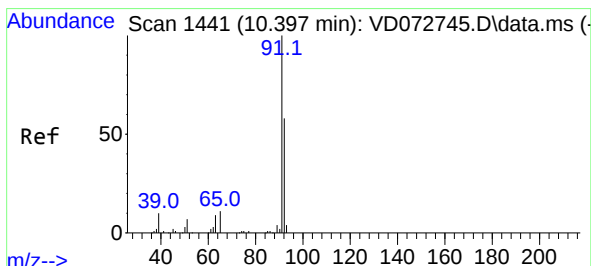
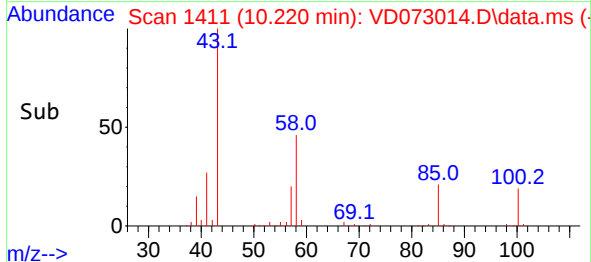
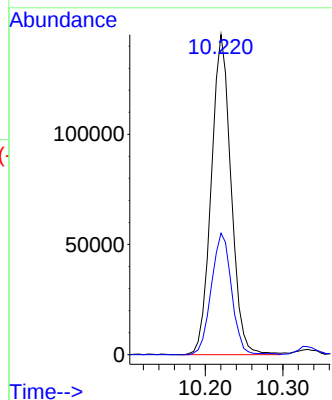
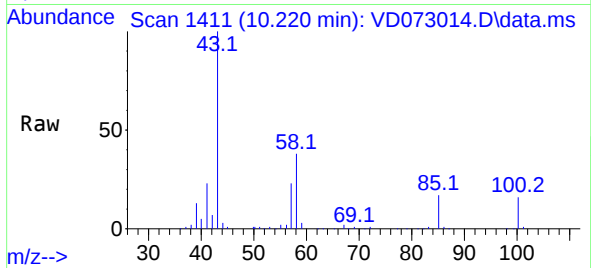
#51
4-Methyl-2-Pentanone
Concen: 103.692 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02

Tgt Ion: 43 Resp: 25819
Ion Ratio Lower Upper
43 100
58 38.9 28.6 43.0

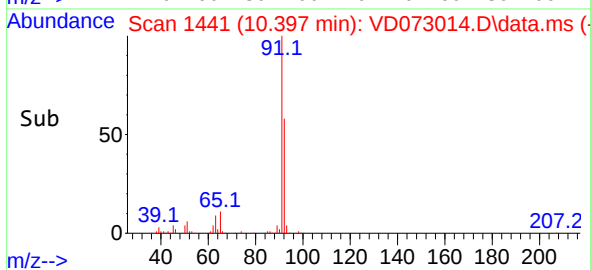
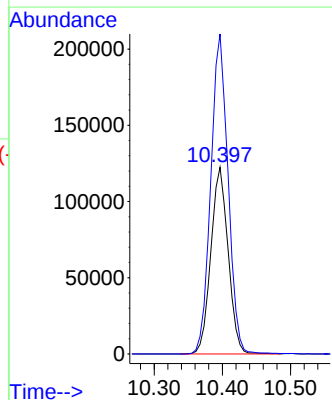
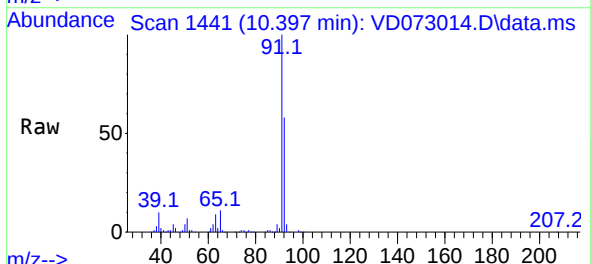
Manual Integrations
APPROVED

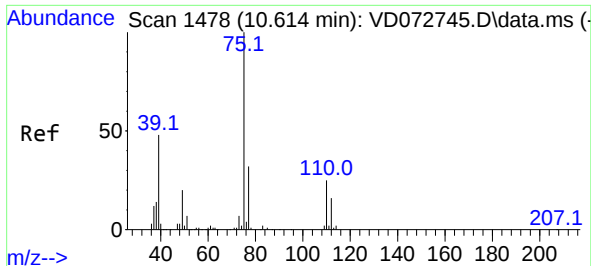
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#52
Toluene
Concen: 21.266 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

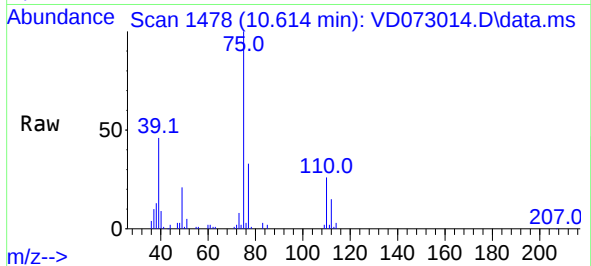
Tgt Ion: 92 Resp: 216354
Ion Ratio Lower Upper
92 100
91 171.2 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 19.186 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

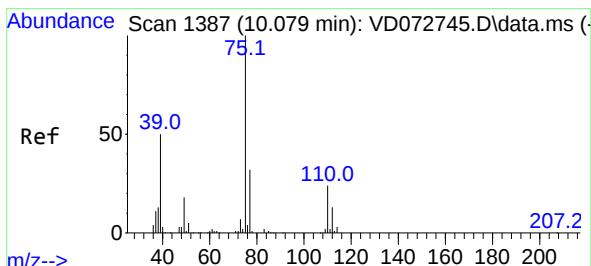
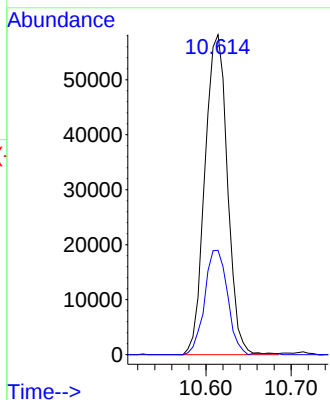
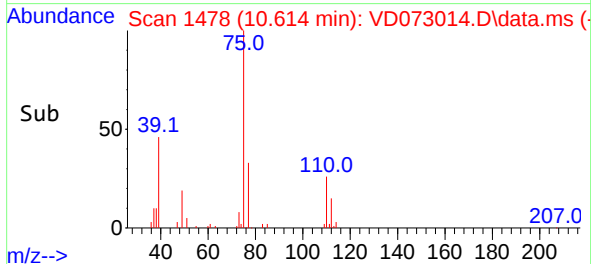
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



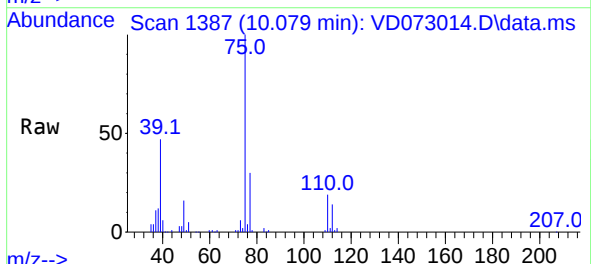
Tgt Ion: 75 Resp: 107109
Ion Ratio Lower Upper
75 100
77 32.6 24.5 36.7

Manual Integrations
APPROVED

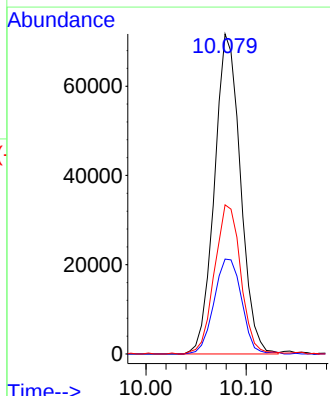
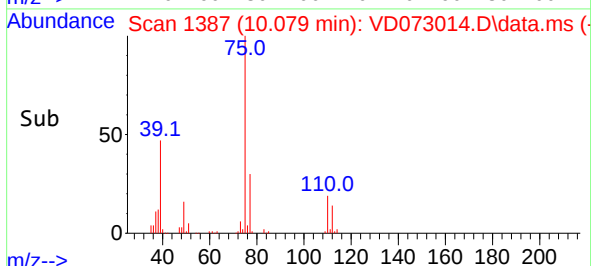
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

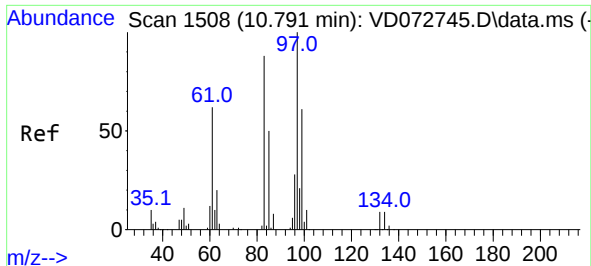


#54
cis-1,3-Dichloropropene
Concen: 19.896 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



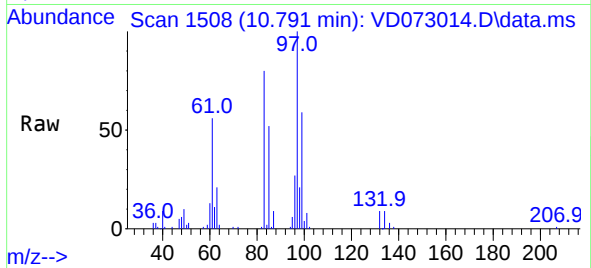
Tgt Ion: 75 Resp: 129046
Ion Ratio Lower Upper
75 100
77 29.7 24.8 37.2
39 46.6 46.8 70.2#





#55
1,1,2-Trichloroethane
Concen: 21.097 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

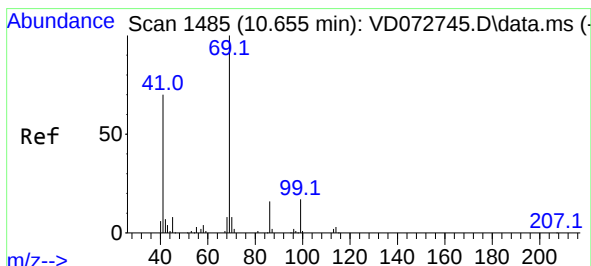
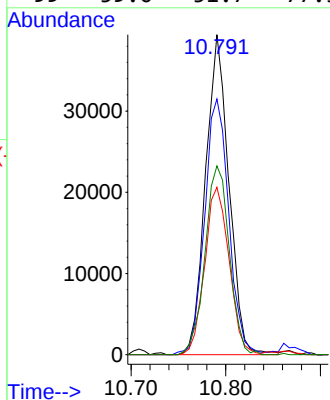
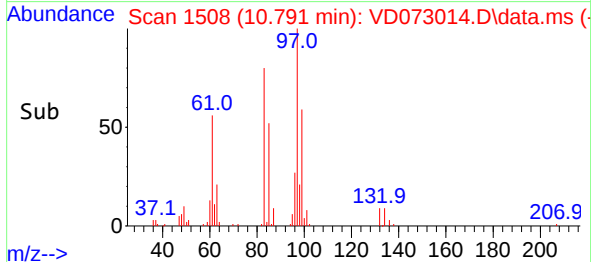
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



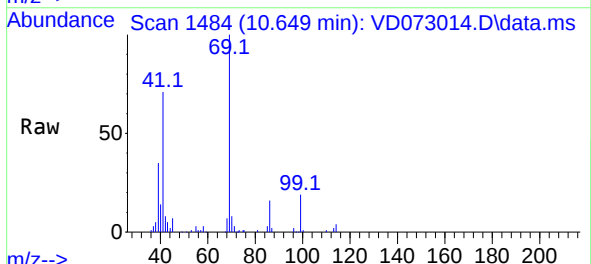
Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.1	69.0	103.4
85	52.3	42.6	63.8
99	59.0	51.7	77.5

Manual Integrations
APPROVED

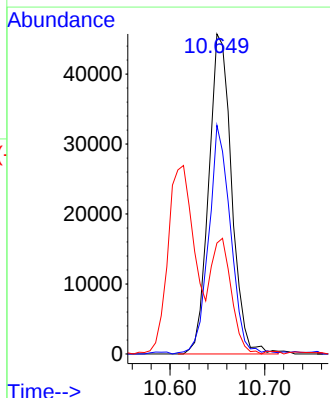
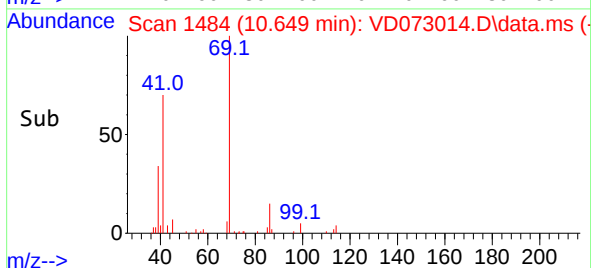
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

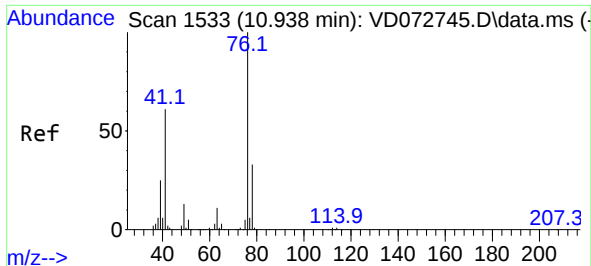


#56
Ethyl methacrylate
Concen: 20.390 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



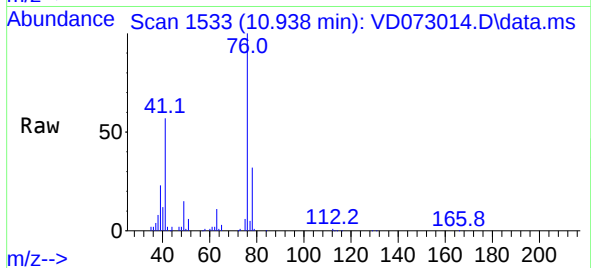
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	63.0	94.6
39	31.7	33.8	50.8





#57
1,3-Dichloropropane
Concen: 20.169 ug/l
RT: 10.938 min Scan# 110544
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

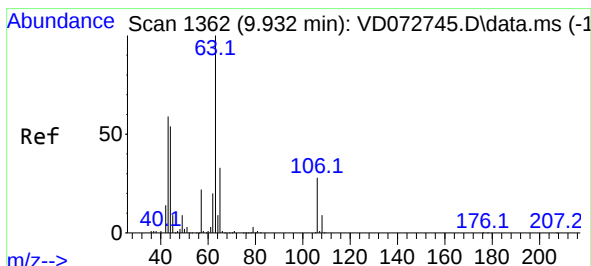
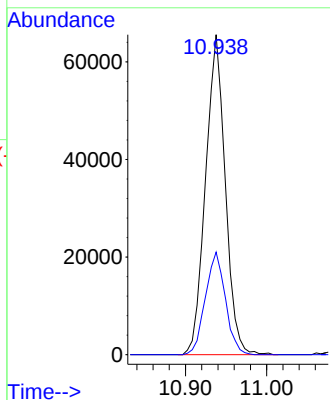
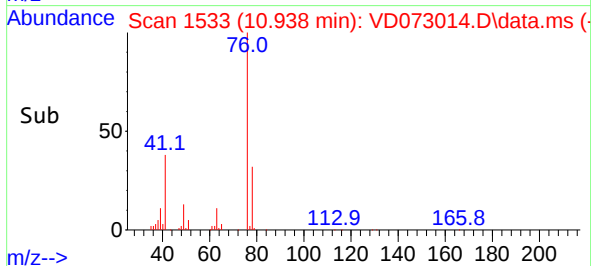
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



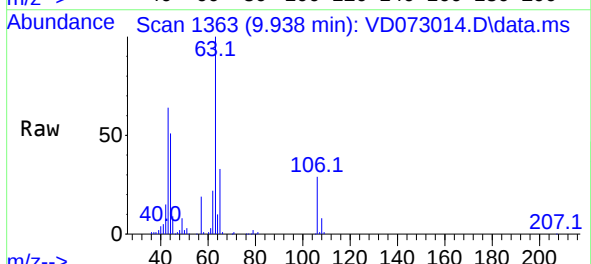
Tgt Ion: 76 Resp: 110544
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

Manual Integrations
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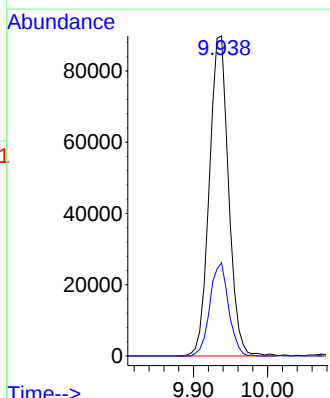
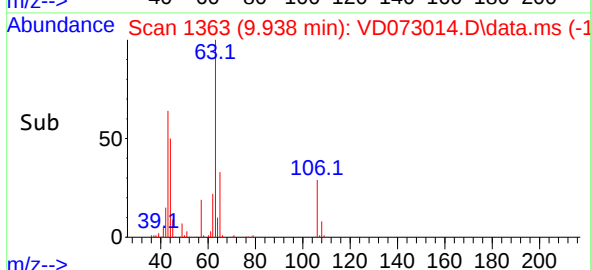
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

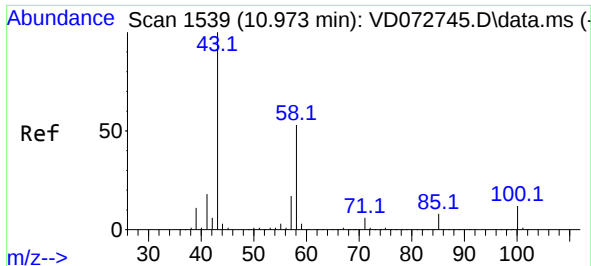


#58
2-Chloroethyl Vinyl ether
Concen: 88.614 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



Tgt Ion: 63 Resp: 161567
Ion Ratio Lower Upper
63 100
106 28.3 21.4 32.0





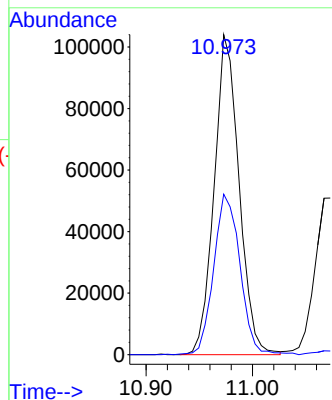
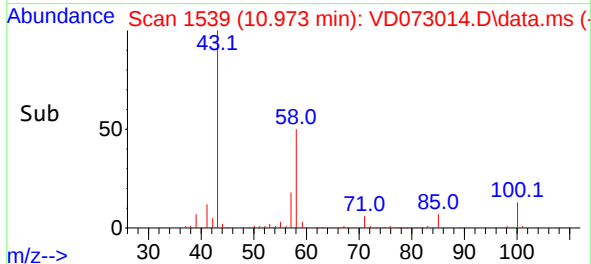
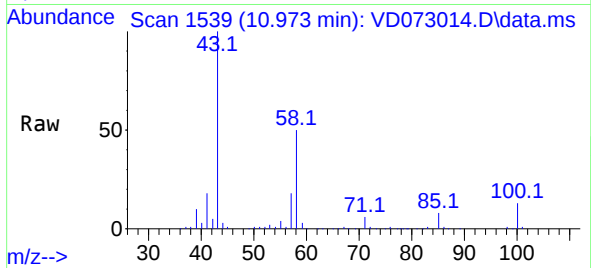
#59
2-Hexanone
Concen: 100.589 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02

Tgt Ion: 43 Resp: 168534
Ion Ratio Lower Upper
43 100
58 53.0 25.3 75.9

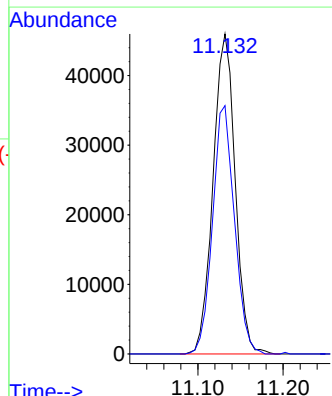
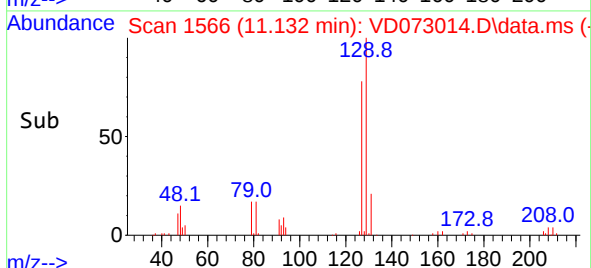
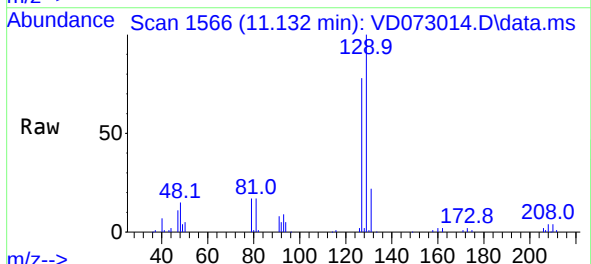
Manual Integrations
APPROVED

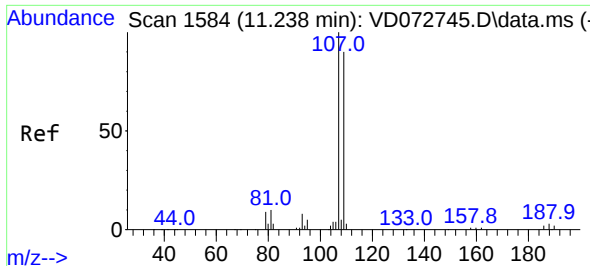
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#60
Dibromochloromethane
Concen: 20.649 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Tgt Ion:129 Resp: 83024
Ion Ratio Lower Upper
129 100
127 77.0 39.2 117.6





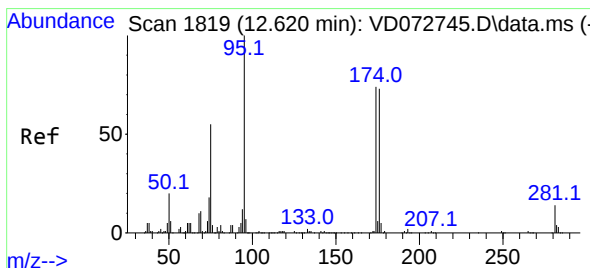
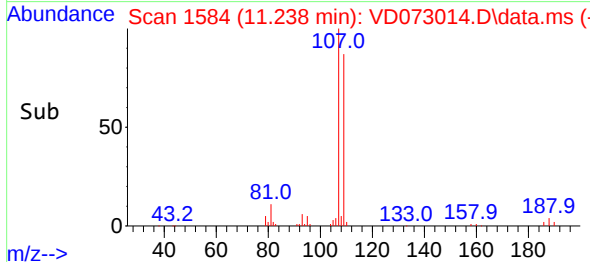
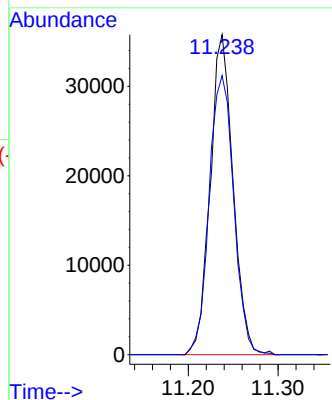
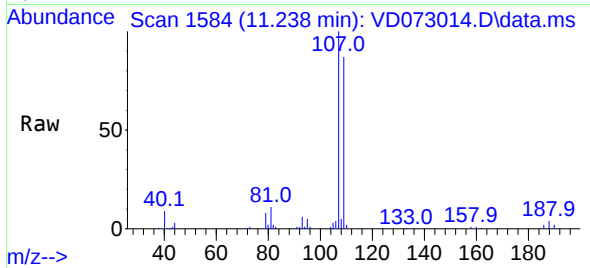
#61
1,2-Dibromoethane
Concen: 20.415 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02

Tgt Ion:107 Resp: 6346
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.4

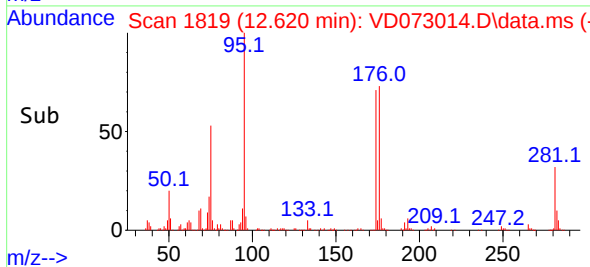
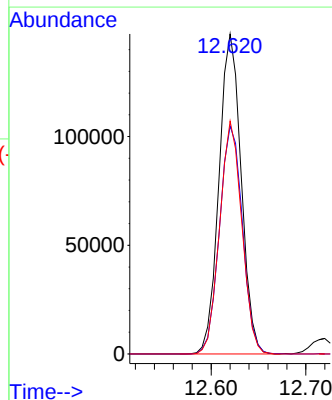
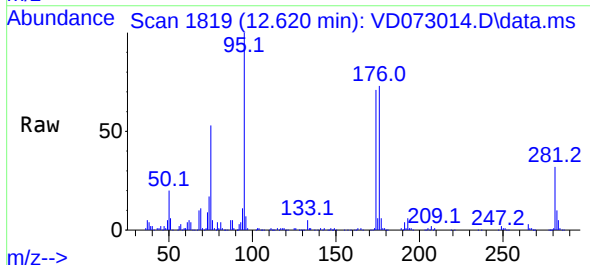
Manual Integrations
APPROVED

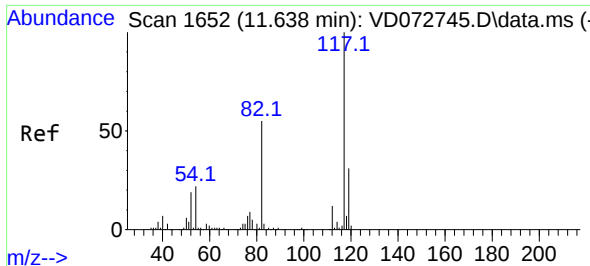
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#62
4-Bromofluorobenzene
Concen: 51.437 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

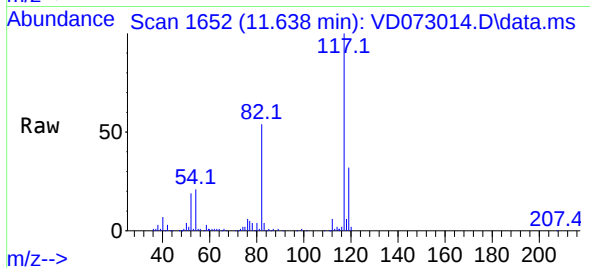
Tgt Ion: 95 Resp: 238953
Ion Ratio Lower Upper
95 100
174 73.8 0.0 152.8
176 72.8 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

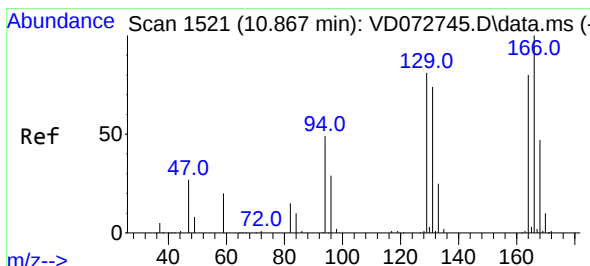
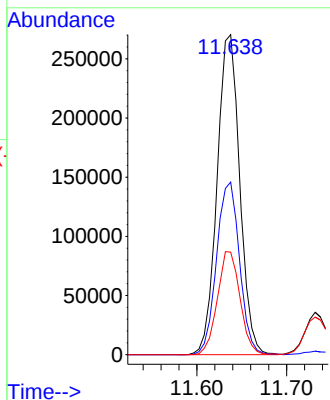
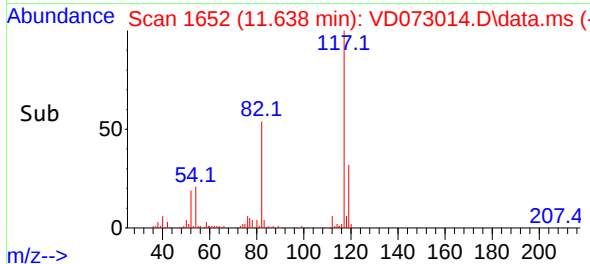
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



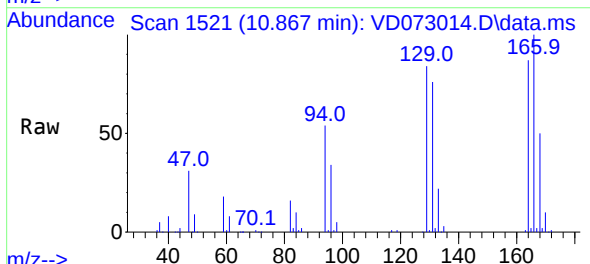
Tgt Ion:117 Resp: 475098
Ion Ratio Lower Upper
117 100
82 54.0 45.3 67.9
119 32.0 26.6 40.0

Manual Integrations
APPROVED

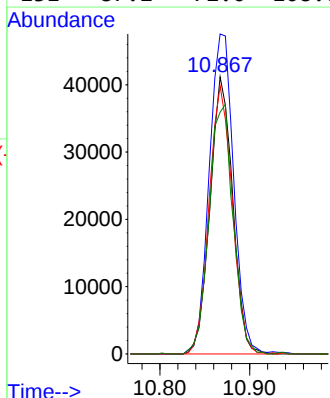
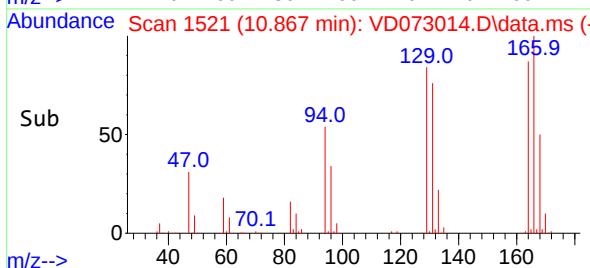
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

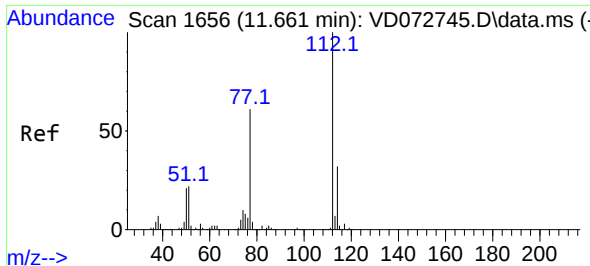


#64
Tetrachloroethene
Concen: 20.823 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



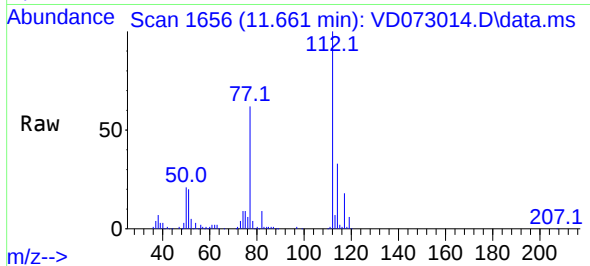
Tgt Ion:164 Resp: 72330
Ion Ratio Lower Upper
164 100
166 115.4 98.5 147.7
129 96.6 74.6 111.8
131 87.2 72.0 108.0





#65
Chlorobenzene
Concen: 21.004 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

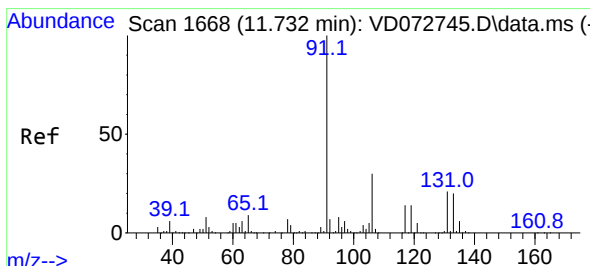
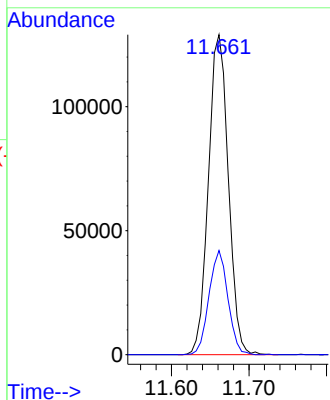
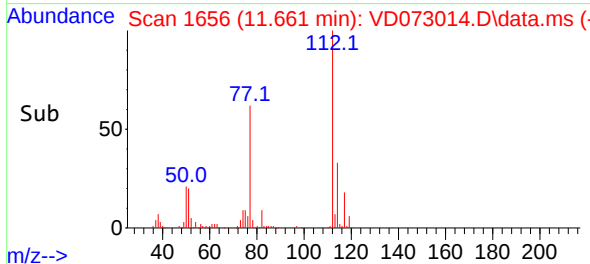
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



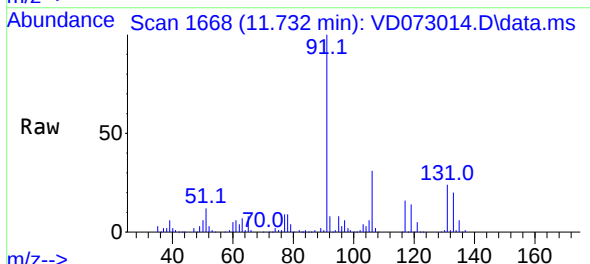
Tgt Ion:112 Resp: 230804
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

Manual Integrations
APPROVED

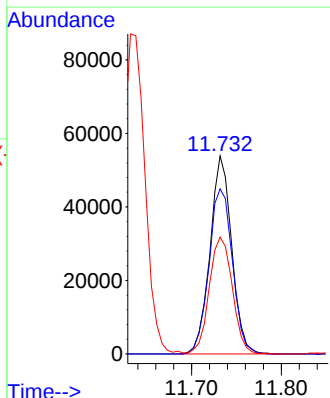
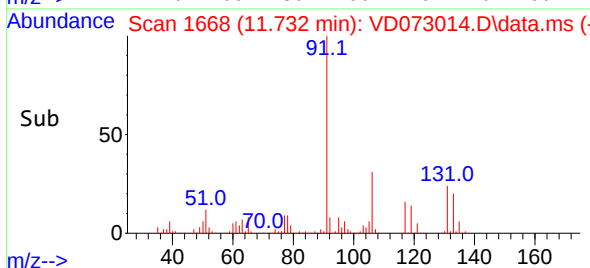
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.856 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



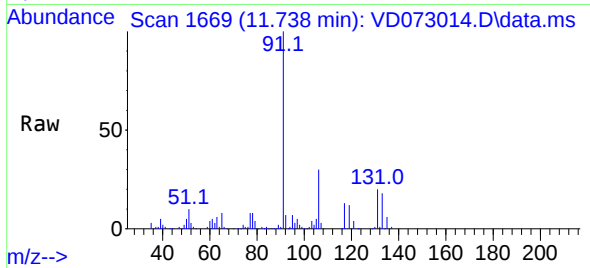
Tgt Ion:131 Resp: 90260
Ion Ratio Lower Upper
131 100
133 90.6 48.1 144.3
119 62.9 31.9 95.9





#67
Ethyl Benzene
Concen: 20.903 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

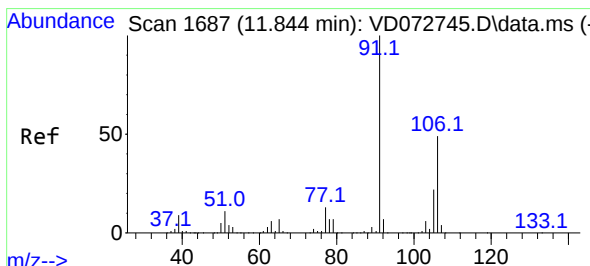
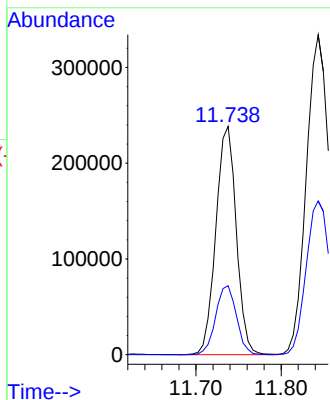
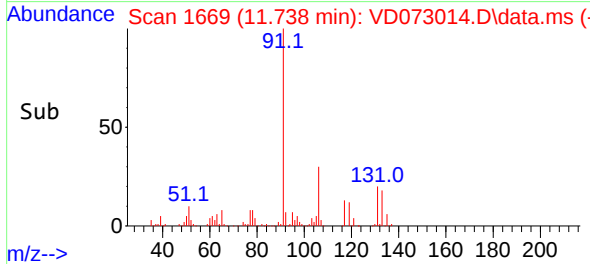
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



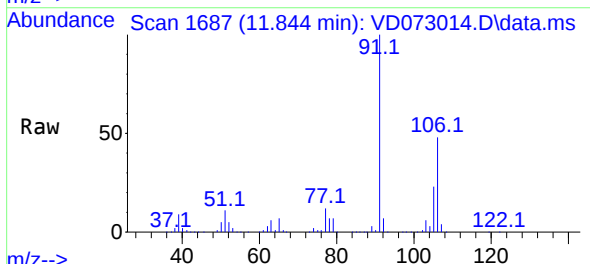
Tgt Ion: 91 Resp: 39752
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.4

Manual Integrations
APPROVED

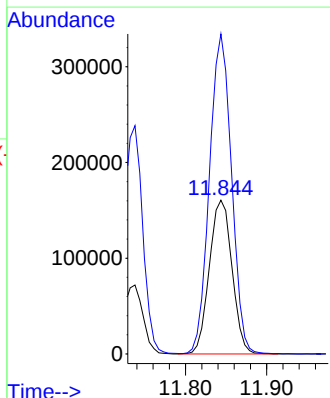
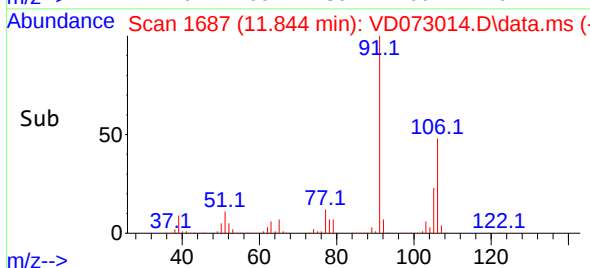
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

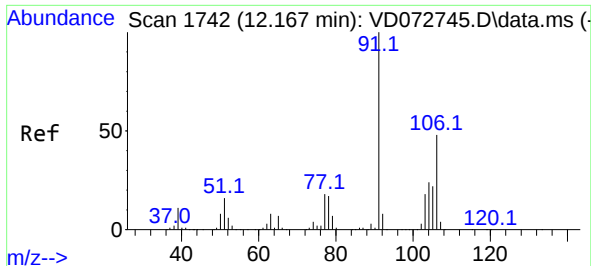


#68
m/p-Xylenes
Concen: 42.520 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



Tgt Ion:106 Resp: 311484
Ion Ratio Lower Upper
106 100
91 203.0 163.7 245.5





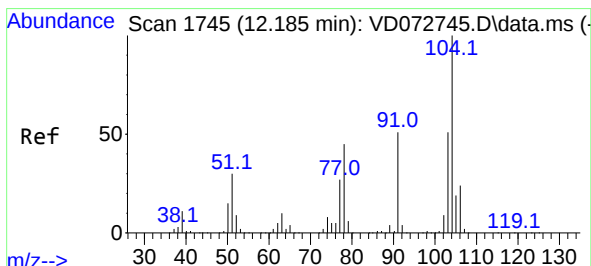
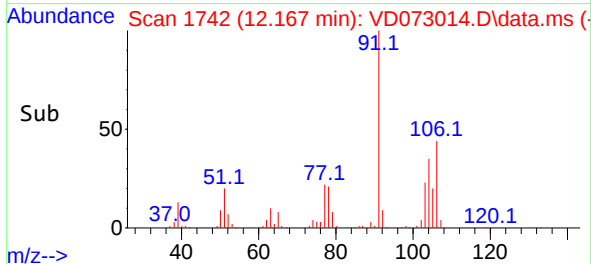
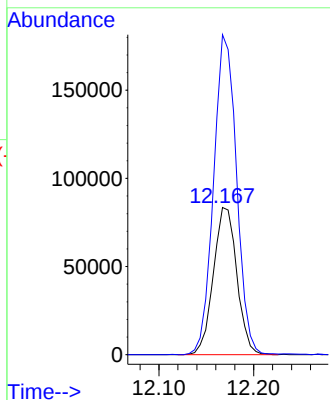
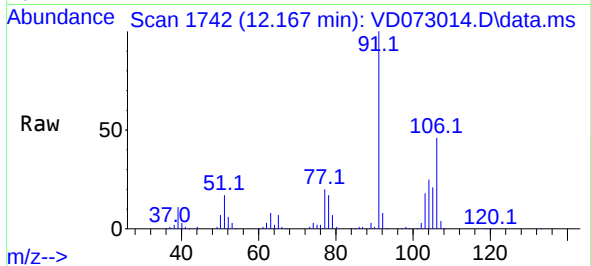
#69
o-Xylene
Concen: 20.995 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02

Tgt Ion:106 Resp: 143639
Ion Ratio Lower Upper
106 100
91 212.8 110.4 331.2

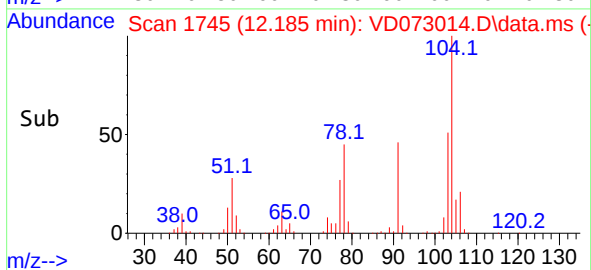
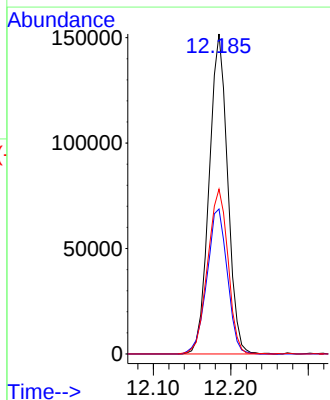
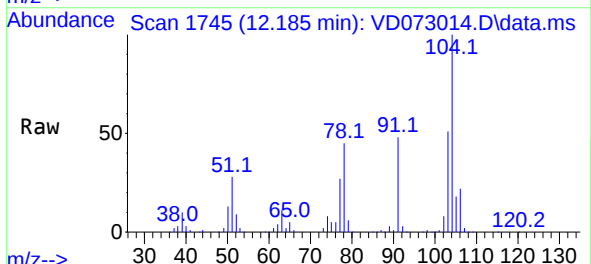
Manual Integrations
APPROVED

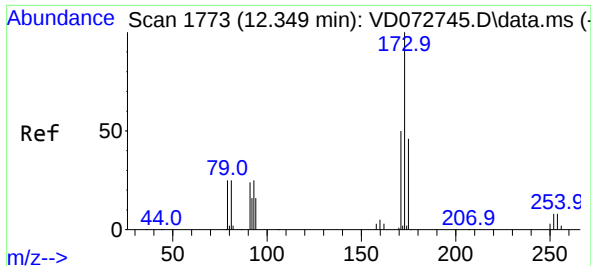
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#70
Styrene
Concen: 21.234 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

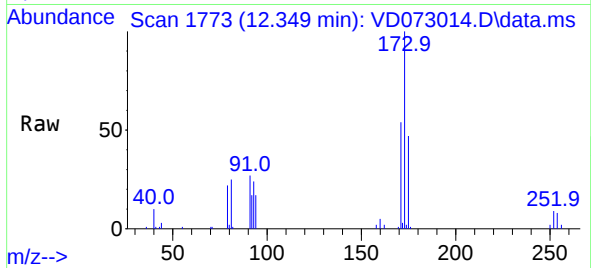
Tgt Ion:104 Resp: 251695
Ion Ratio Lower Upper
104 100
78 49.8 41.8 62.8
103 56.6 44.2 66.4





#71
Bromoform
Concen: 21.259 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

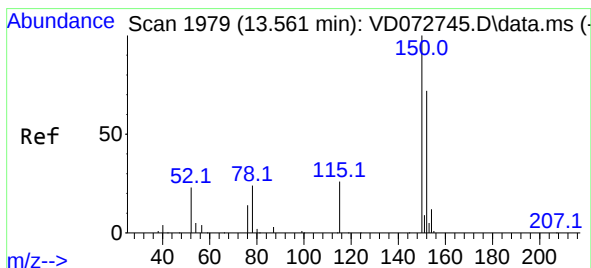
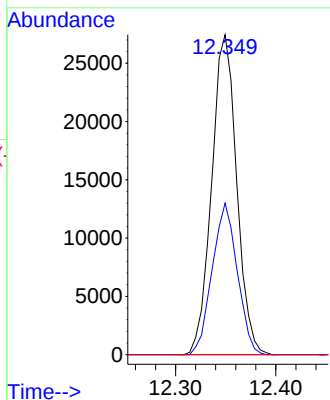
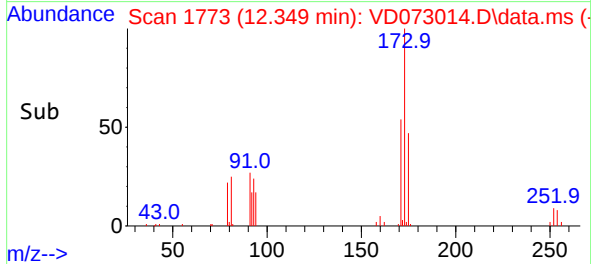
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



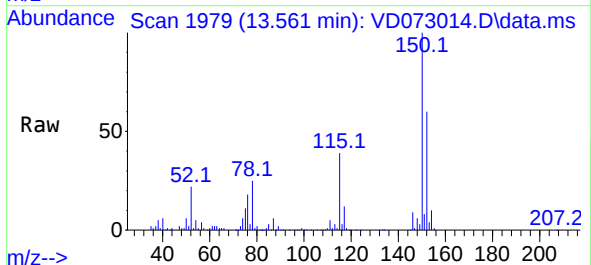
Tgt Ion:173 Resp: 47580
Ion Ratio Lower Upper
173 100
175 47.4 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

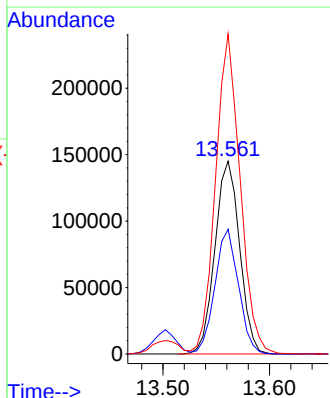
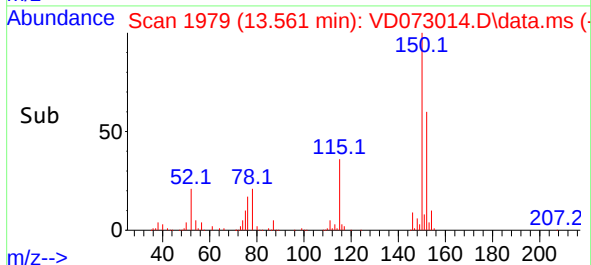
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

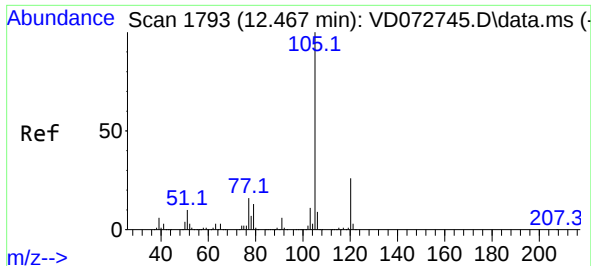


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



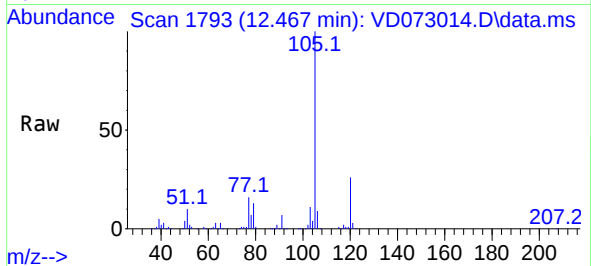
Tgt Ion:152 Resp: 233504
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 165.2 0.0 348.6





#73
Isopropylbenzene
Concen: 21.022 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

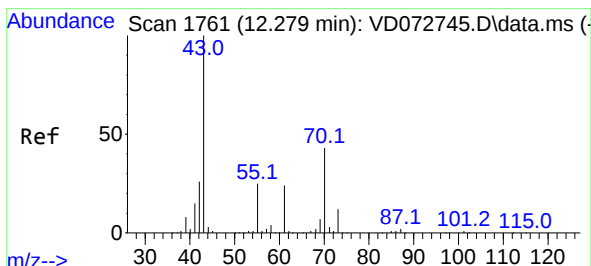
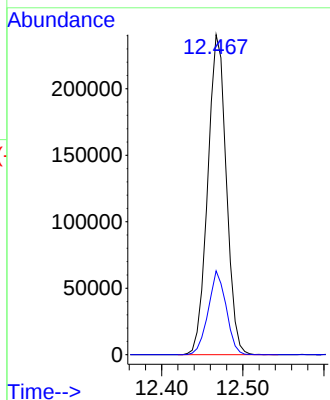
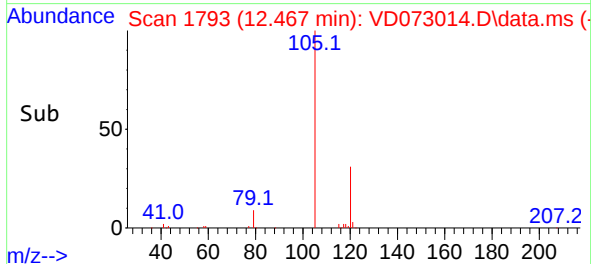
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



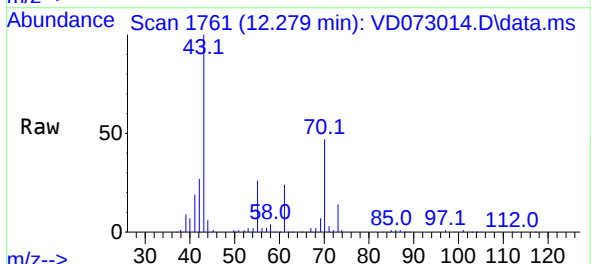
Tgt Ion:105 Resp: 38192
Ion Ratio Lower Upper
105 100
120 25.3 13.0 38.9

Manual Integrations
APPROVED

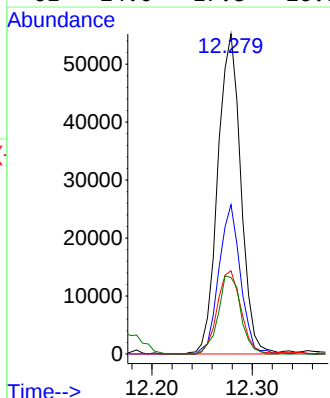
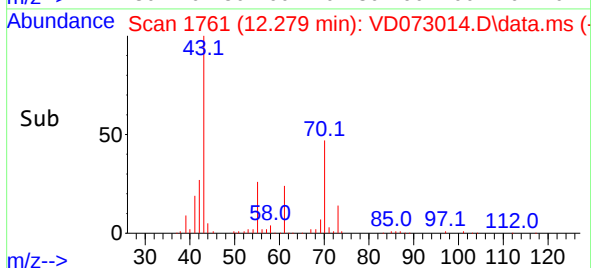
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

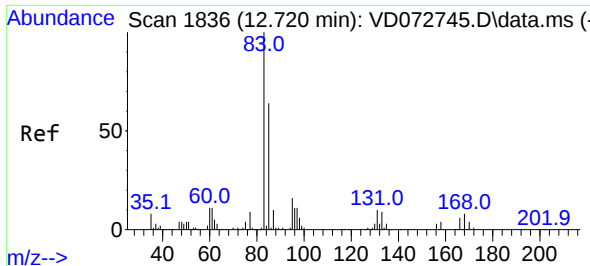


#74
N-ethyl acetate
Concen: 19.479 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



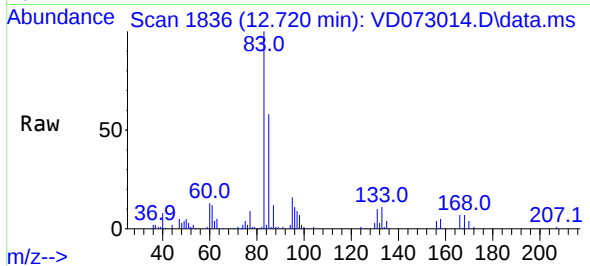
Tgt Ion: 43 Resp: 88128
Ion Ratio Lower Upper
43 100
70 43.6 31.3 46.9
55 26.6 20.0 30.0
61 24.0 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 21.268 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

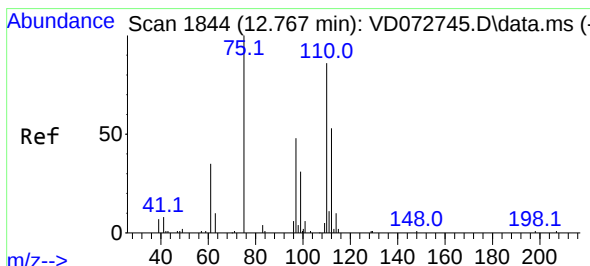
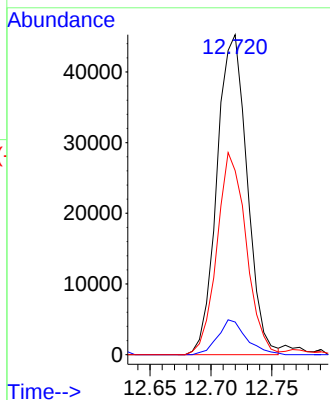
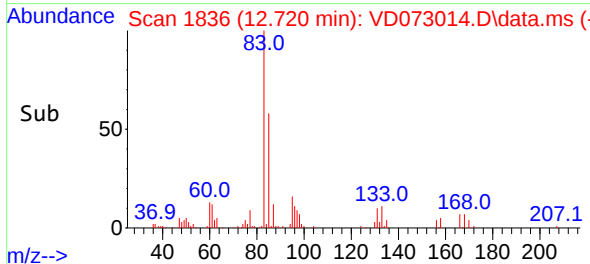
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



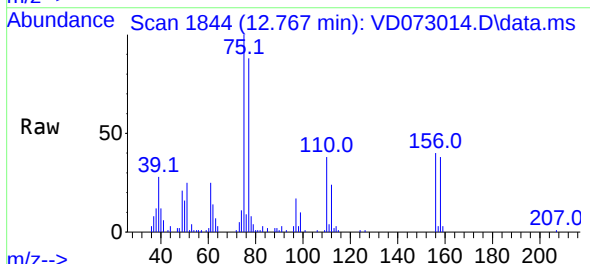
Tgt Ion: 83 Resp: 77990
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 61.4 32.6 98.0

Manual Integrations
APPROVED

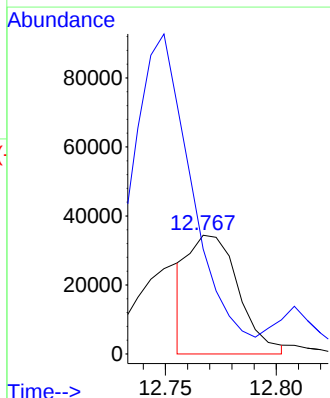
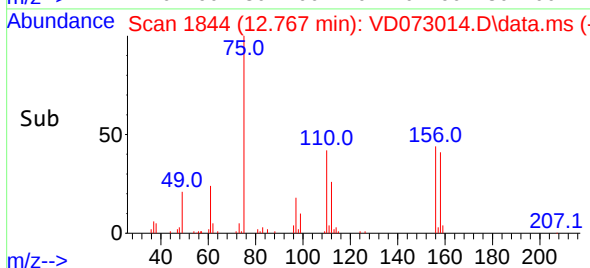
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

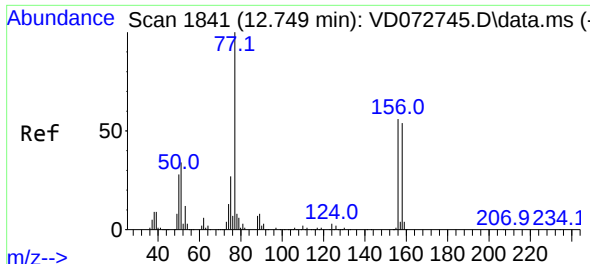


#76
1,2,3-Trichloropropane
Concen: 20.841 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



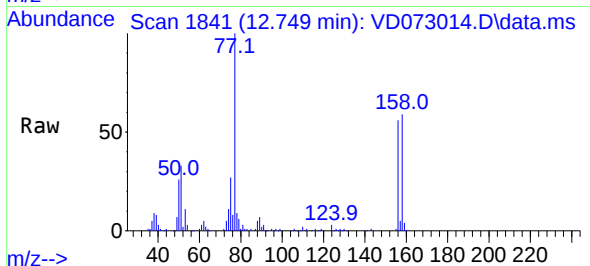
Tgt Ion: 75 Resp: 54264
Ion Ratio Lower Upper
75 100
77 323.6 0.0 0.0#





#77
Bromobenzene
Concen: 20.839 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

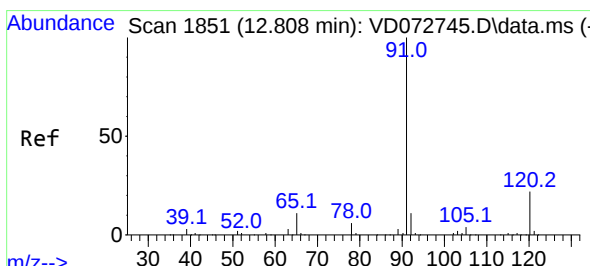
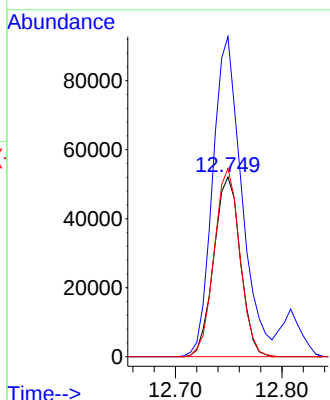
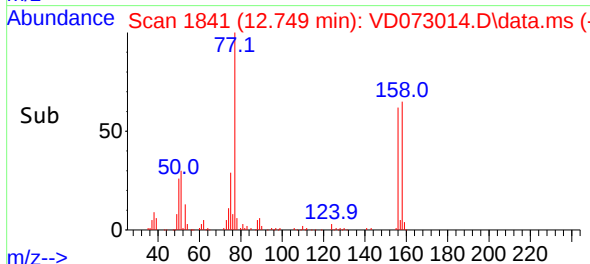
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



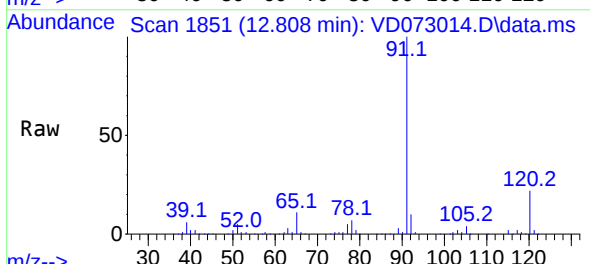
Tgt Ion: 156 Resp: 89900
Ion Ratio Lower Upper
156 100
77 195.3 102.8 308.3
158 101.7 48.7 146.1

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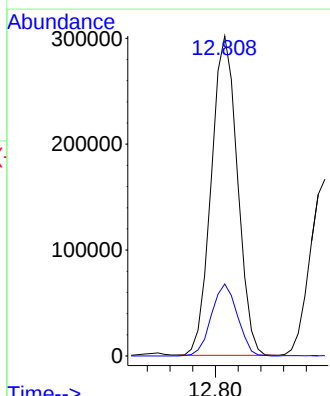
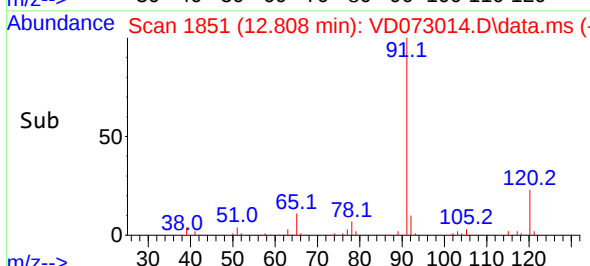
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

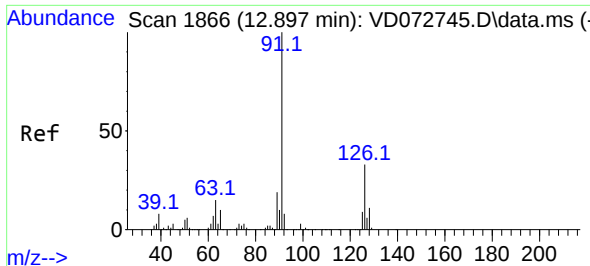


#78
n-propylbenzene
Concen: 21.081 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



Tgt Ion: 91 Resp: 482687
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





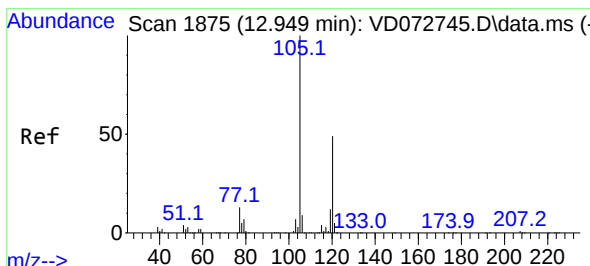
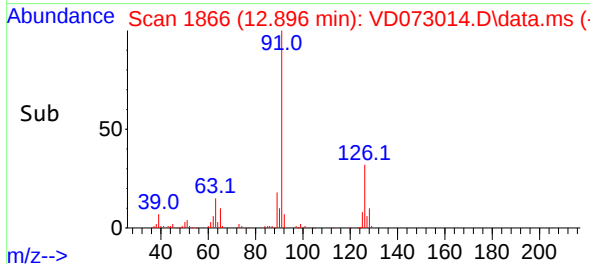
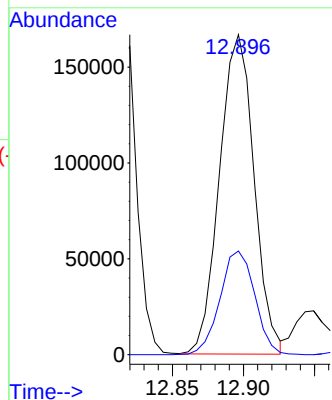
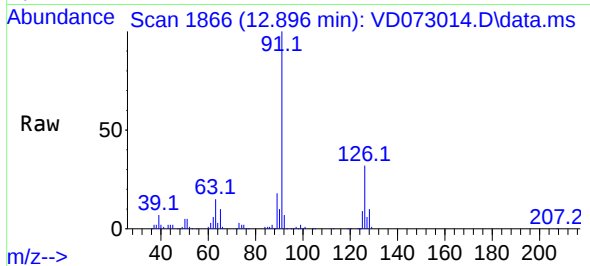
#79
2-Chlorotoluene
Concen: 21.106 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02

Tgt Ion: 91 Resp: 28230
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

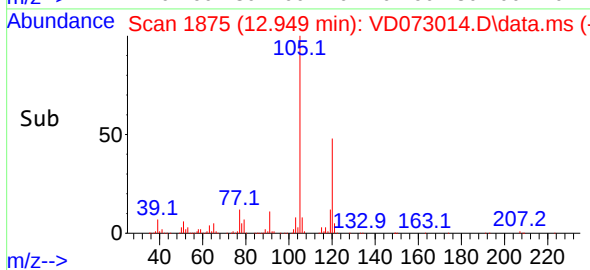
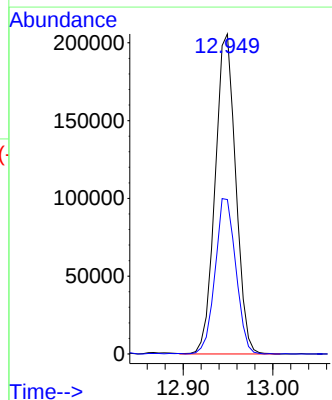
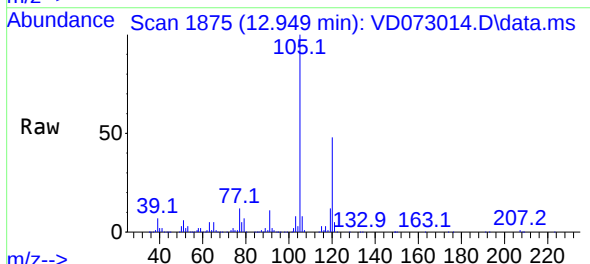
Manual Integrations
APPROVED

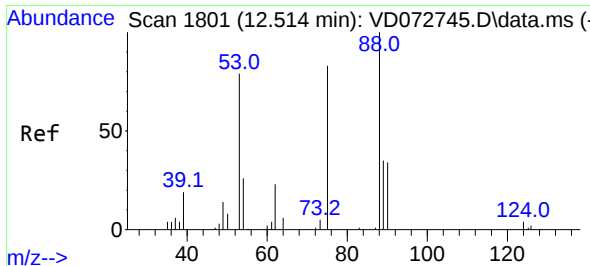
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.236 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Tgt Ion:105 Resp: 327136
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8





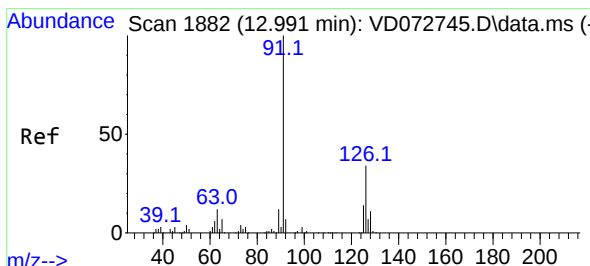
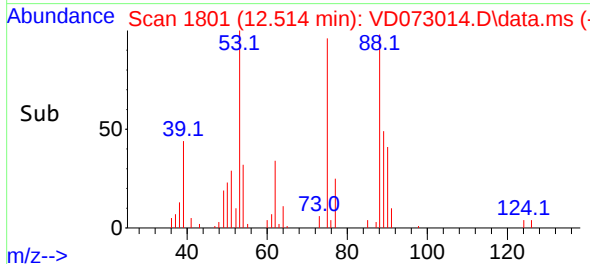
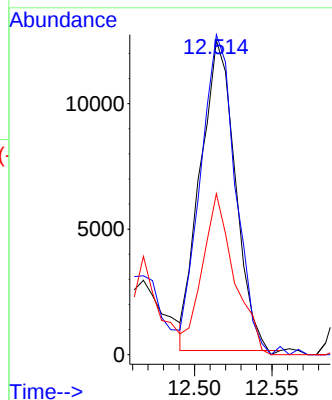
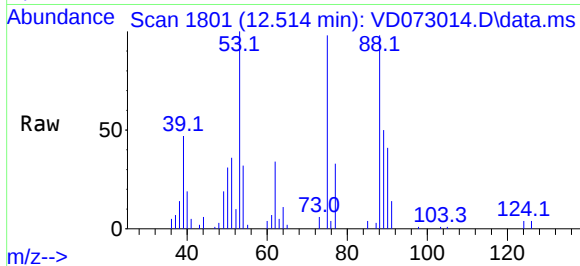
#81
trans-1,4-Dichloro-2-butene
Concen: 17.039 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02

Tgt Ion: 75 Resp: 1929
Ion Ratio Lower Upper
75 100
53 104.6 86.5 129.7
89 47.9 33.9 50.9

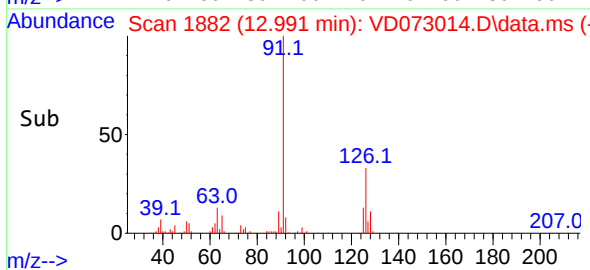
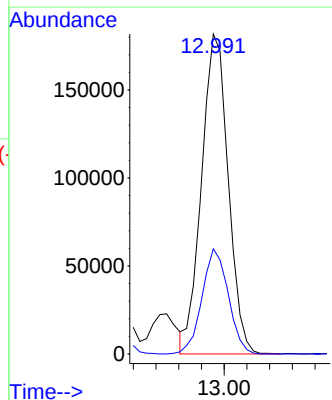
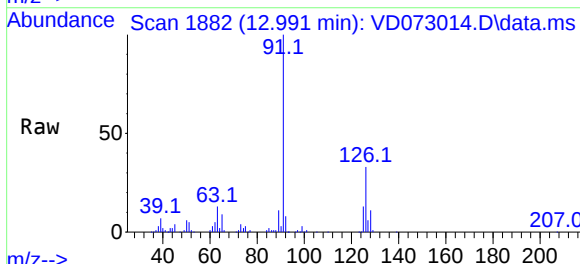
Manual Integrations
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Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#82
4-Chlorotoluene
Concen: 21.195 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

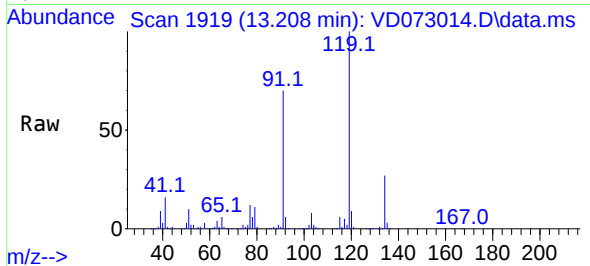
Tgt Ion: 91 Resp: 296205
Ion Ratio Lower Upper
91 100
126 32.4 16.5 49.5





#83
tert-Butylbenzene
Concen: 20.113 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

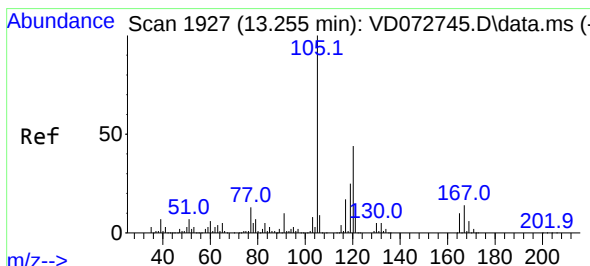
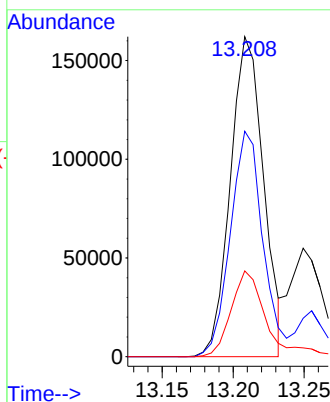
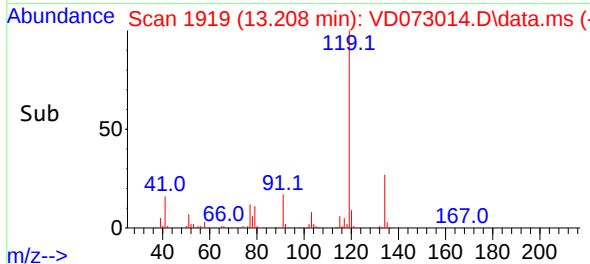
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



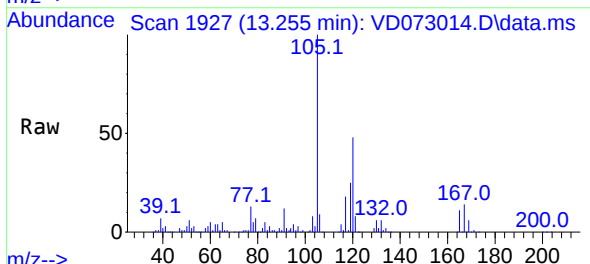
Tgt Ion:119 Resp: 26341
Ion Ratio Lower Upper
119 100
91 69.2 34.8 104.5
134 28.2 13.3 39.9

Manual Integrations
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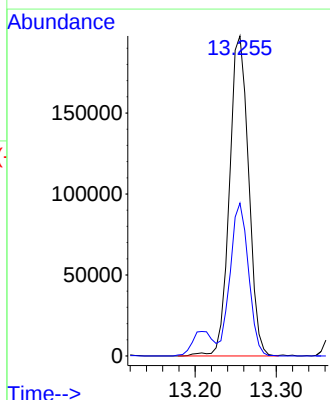
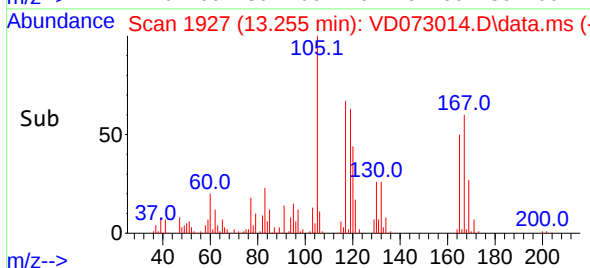
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

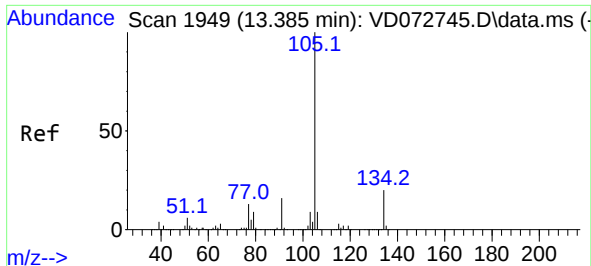


#84
1,2,4-Trimethylbenzene
Concen: 20.974 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



Tgt Ion:105 Resp: 322957
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.8





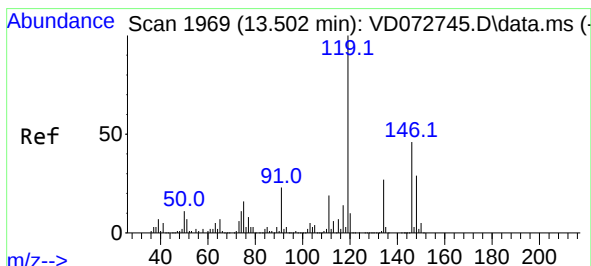
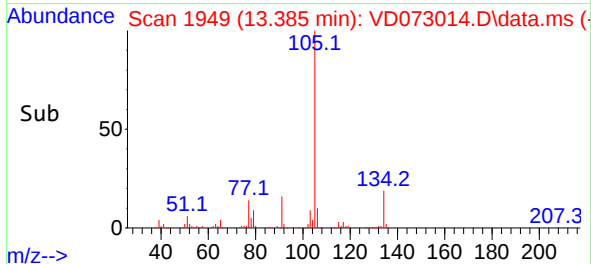
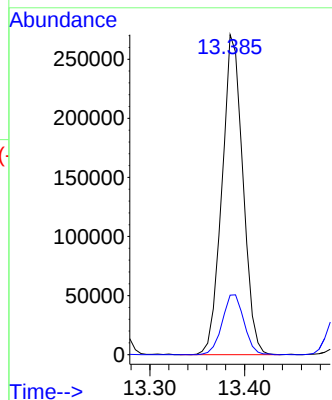
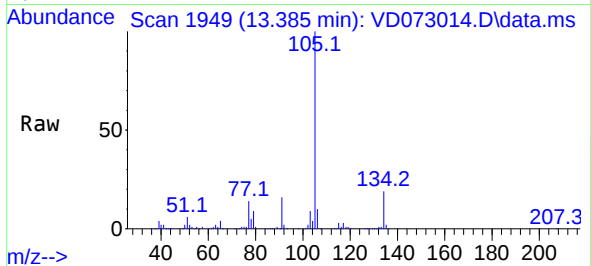
#85
 sec-Butylbenzene
 Concen: 21.033 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073014.D
 Acq: 14 May 2022 03:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBSD02

Tgt Ion:105 Resp: 41546
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

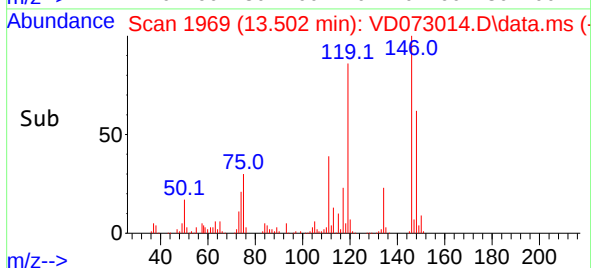
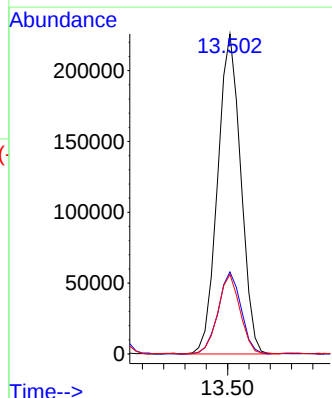
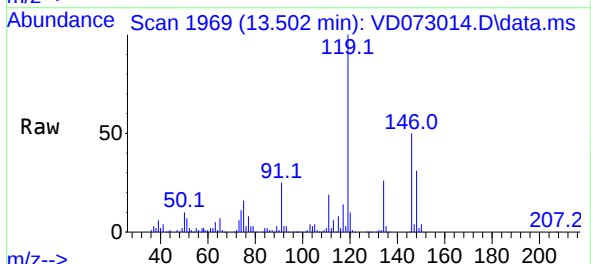
Manual Integrations
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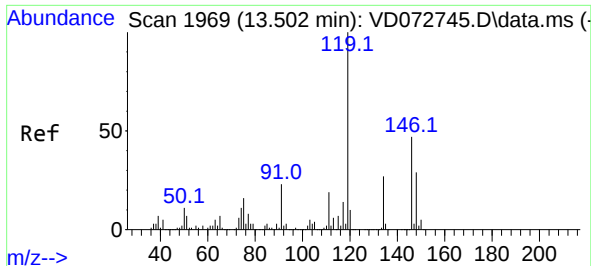
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022



#86
 p-Isopropyltoluene
 Concen: 21.024 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073014.D
 Acq: 14 May 2022 03:52

Tgt Ion:119 Resp: 340480
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.6
 91 23.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.105 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073014.D

Acq: 14 May 2022 03:52

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD02

Tgt Ion:146 Resp: 183412

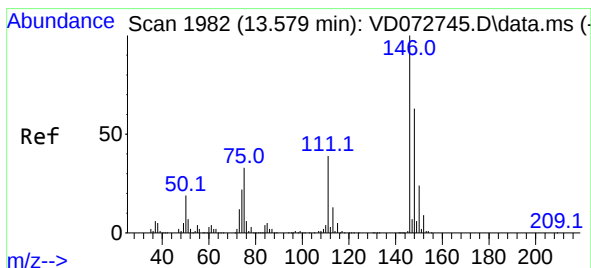
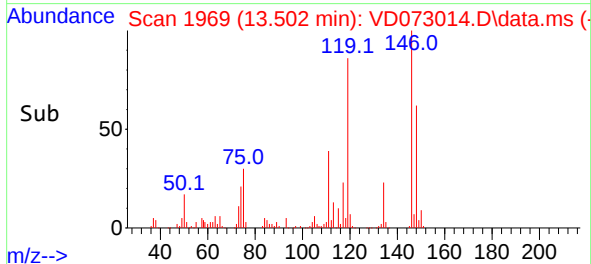
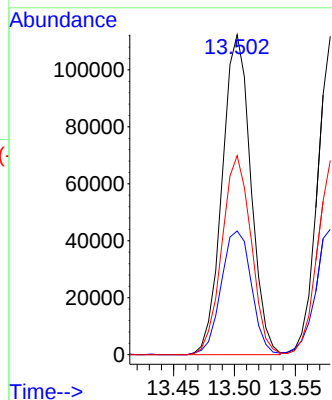
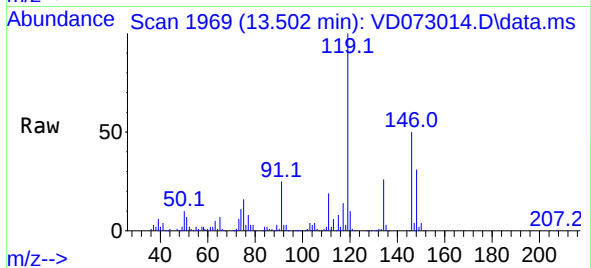
Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.3
148	63.6	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#88

1,4-Dichlorobenzene

Concen: 21.270 ug/l

RT: 13.579 min Scan# 1982

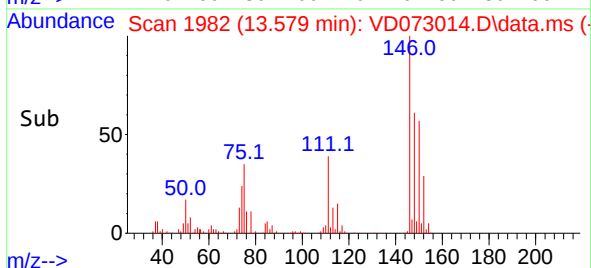
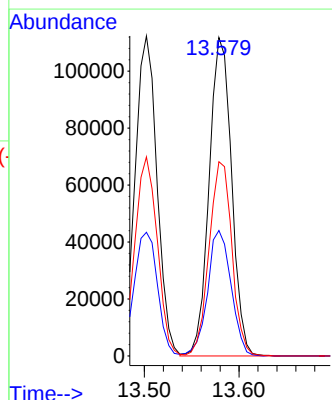
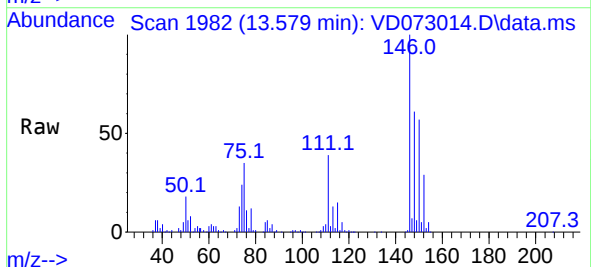
Delta R.T. -0.000 min

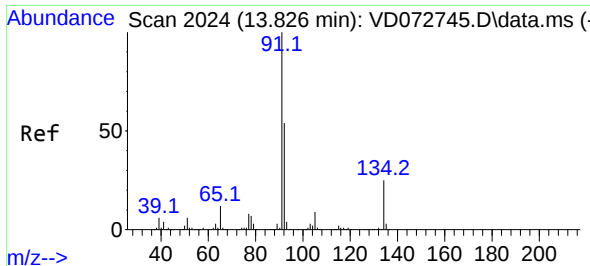
Lab File: VD073014.D

Acq: 14 May 2022 03:52

Tgt Ion:146 Resp: 184084

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	60.9
148	62.1	31.7	95.1





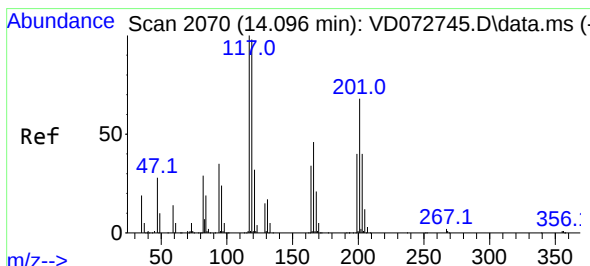
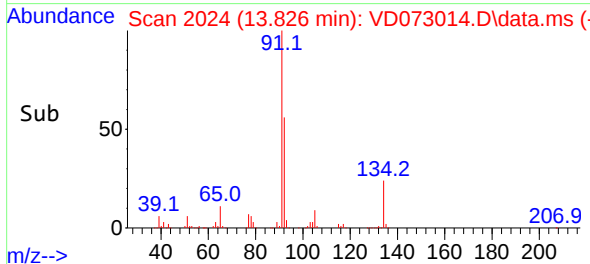
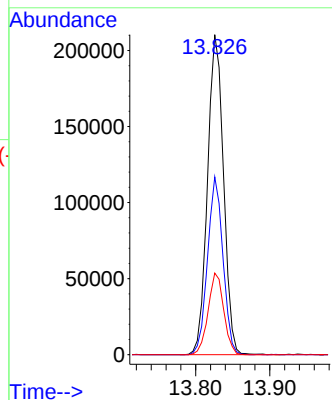
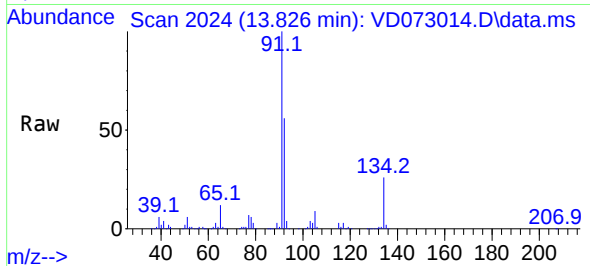
#89
n-Butylbenzene
Concen: 20.137 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 91 Resp: 315924
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 24.9 12.3 36.9

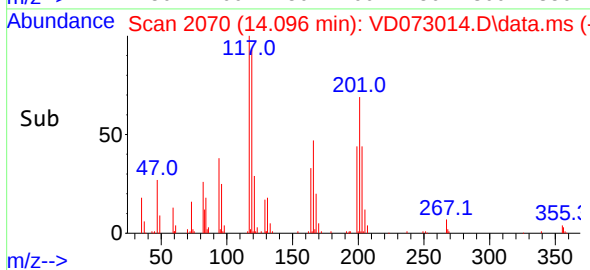
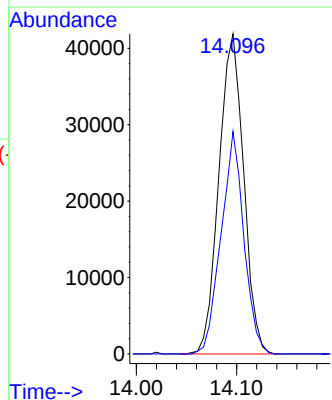
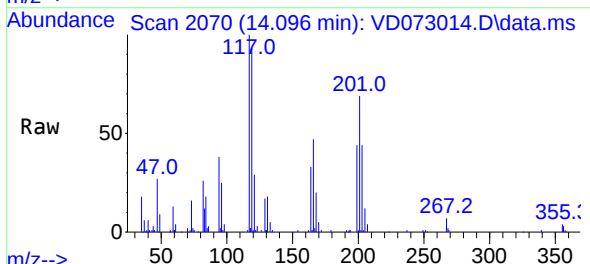
Manual Integrations
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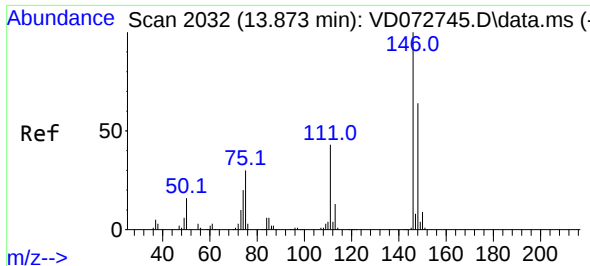
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#90
Hexachloroethane
Concen: 21.596 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Tgt Ion:117 Resp: 71650
Ion Ratio Lower Upper
117 100
201 64.1 33.4 100.2





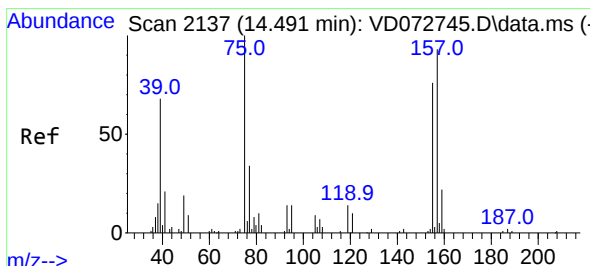
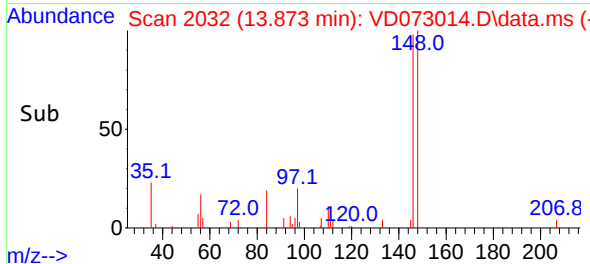
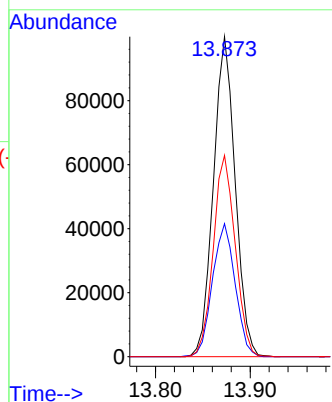
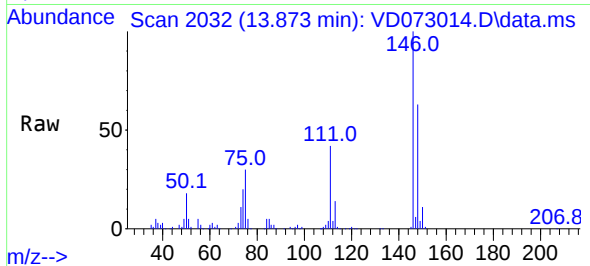
#91
1,2-Dichlorobenzene
Concen: 21.139 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02

Tgt Ion:146 Resp: 16010
Ion Ratio Lower Upper
146 100
111 43.3 21.1 63.3
148 63.5 31.7 95.1

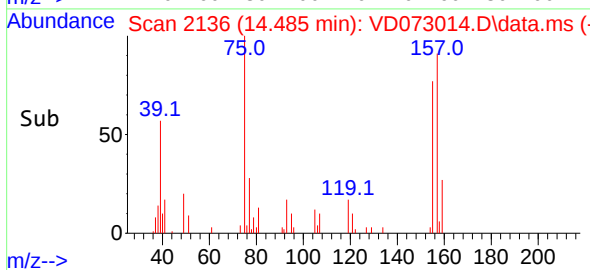
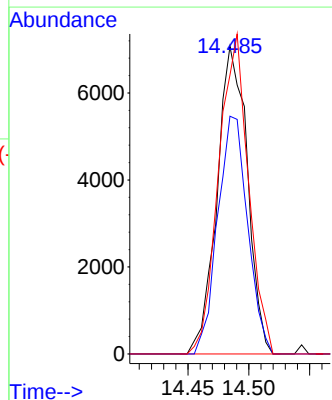
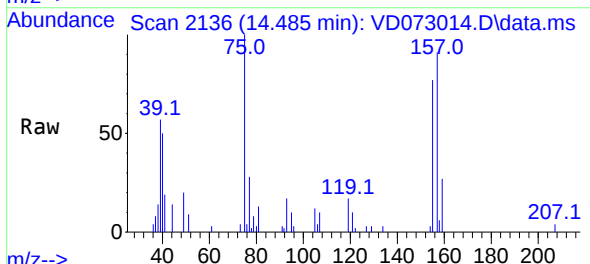
Manual Integrations
APPROVED

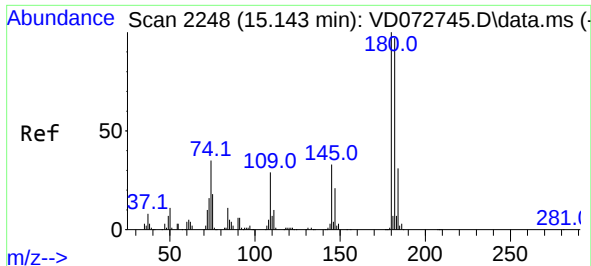
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.015 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Tgt Ion: 75 Resp: 12217
Ion Ratio Lower Upper
75 100
155 76.4 36.8 110.3
157 102.4 48.4 145.0





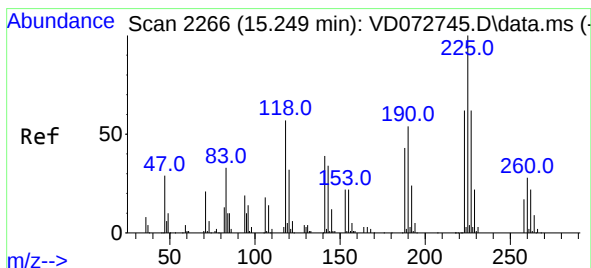
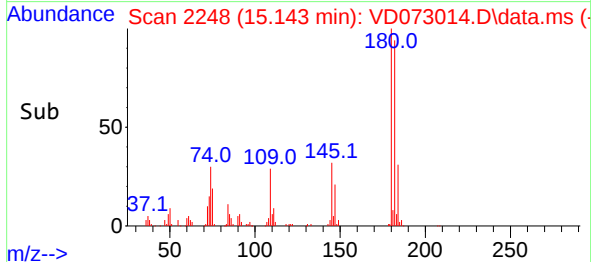
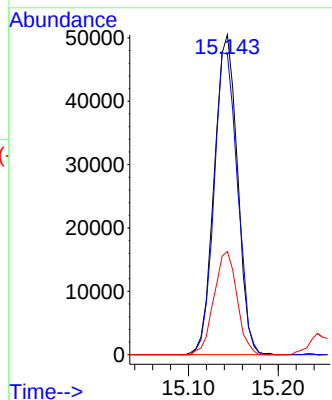
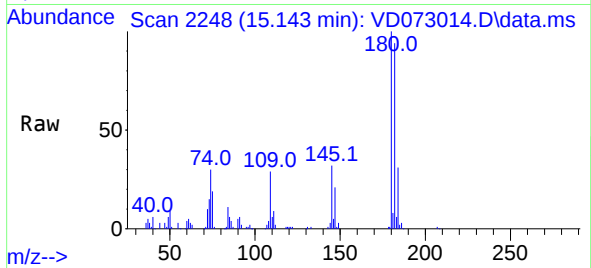
#93
1,2,4-Trichlorobenzene
Concen: 20.218 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion:180 Resp: 9068
Ion Ratio Lower Upper
180 100
182 95.5 47.3 142.0
145 32.0 16.2 48.5

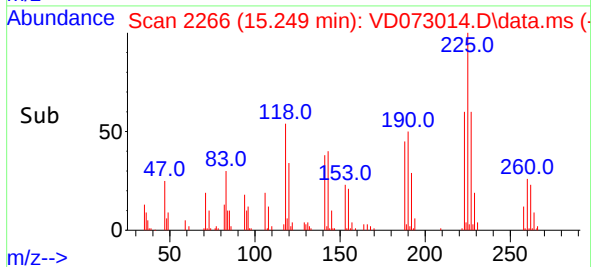
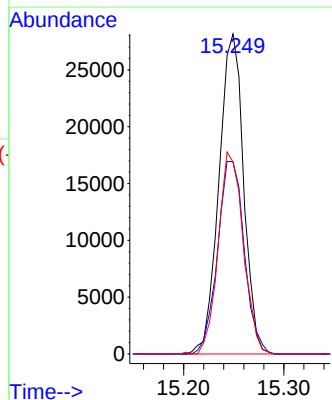
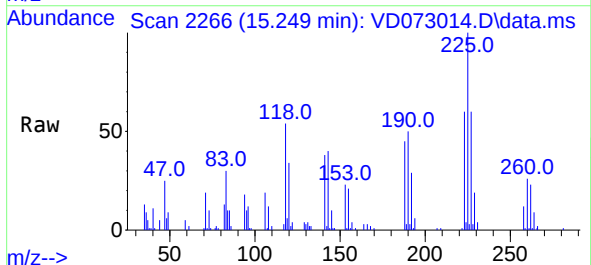
Manual Integrations
APPROVED

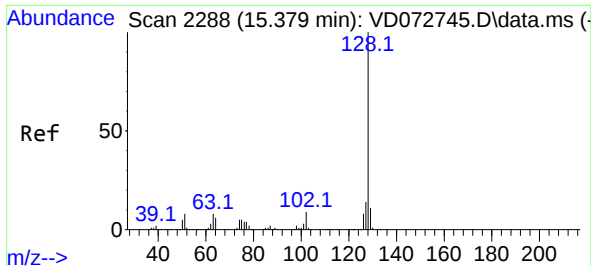
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#94
Hexachlorobutadiene
Concen: 19.579 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

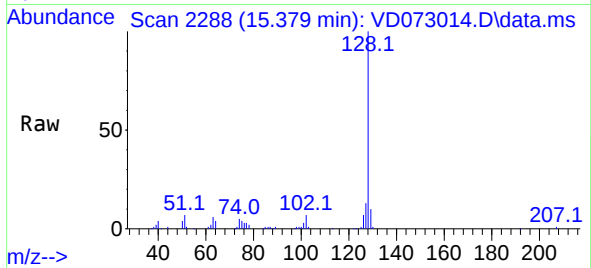
Tgt Ion:225 Resp: 47963
Ion Ratio Lower Upper
225 100
223 65.3 31.1 93.2
227 63.9 32.4 97.0





#95
Naphthalene
Concen: 20.229 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52

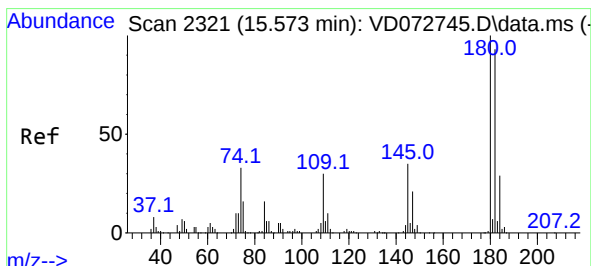
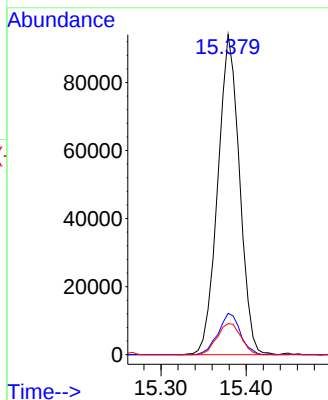
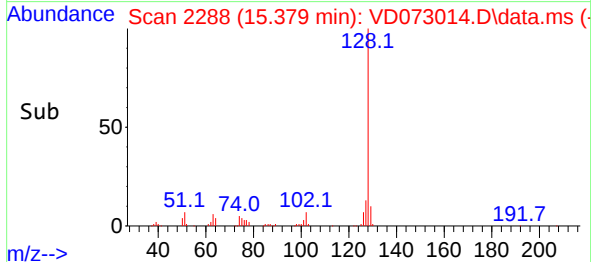
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD02



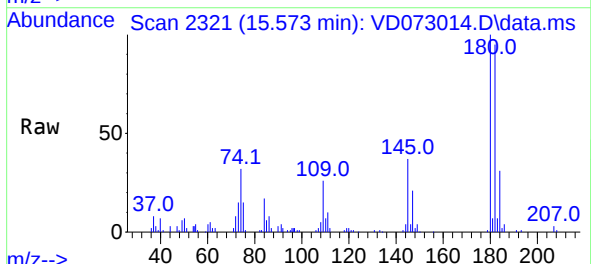
Tgt Ion:128 Resp: 166828
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.957 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073014.D
Acq: 14 May 2022 03:52



Tgt Ion:180 Resp: 79354
Ion Ratio Lower Upper
180 100
182 96.3 47.6 142.9
145 35.0 17.1 51.3

