

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073013.D
 Acq On : 14 May 2022 03:24
 Operator : VA/SY
 Sample : VD0513SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 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 05:19:41 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	271593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	475130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	451591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	226392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	171335	48.599	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.200%		
35) Dibromofluoromethane	7.908	113	176893	53.011	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.020%		
50) Toluene-d8	10.332	98	629370	52.580	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.160%		
62) 4-Bromofluorobenzene	12.620	95	234800	52.608	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	69152	18.426	ug/l	96
3) Chloromethane	2.209	50	74455	19.076	ug/l	93
4) Vinyl Chloride	2.350	62	68145	19.457	ug/l	98
5) Bromomethane	2.750	94	49128	21.938	ug/l	91
6) Chloroethane	2.914	64	43297	19.836	ug/l	96
7) Trichlorofluoromethane	3.267	101	123489	20.136	ug/l	94
8) Diethyl Ether	3.709	74	36087	20.525	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.085	101	75950	20.860	ug/l	98
10) Methyl Iodide	4.297	142	69660	19.064	ug/l	98
11) Tert butyl alcohol	5.185	59	47128	154.504	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	66041	20.166	ug/l	87
13) Acrolein	3.920	56	15661	61.204	ug/l	93
14) Allyl chloride	4.709	41	107413	20.315	ug/l	93
15) Acrylonitrile	5.408	53	84967	101.686	ug/l	96
16) Acetone	4.156	43	62096	84.896	ug/l	100
17) Carbon Disulfide	4.403	76	192618	18.706	ug/l	98
18) Methyl Acetate	4.714	43	45823	23.757	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	157013	19.999	ug/l	100
20) Methylene Chloride	4.961	84	107282	21.905	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	79928	21.281	ug/l	89
22) Diisopropyl ether	6.367	45	243896	20.970	ug/l #	93
23) Vinyl Acetate	6.303	43	603354	93.906	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	150999	21.609	ug/l	96
25) 2-Butanone	7.208	43	95684	93.149	ug/l #	86
26) 2,2-Dichloropropane	7.208	77	110674	18.734	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	91261	21.215	ug/l	90
28) Bromochloromethane	7.538	49	48656	18.672	ug/l	87
29) Tetrahydrofuran	7.555	42	64846	99.039	ug/l	95
30) Chloroform	7.702	83	159263	21.540	ug/l	97
31) Cyclohexane	7.985	56	112186	18.204	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	136390	21.643	ug/l	96
36) 1,1-Dichloropropene	8.102	75	108575	20.011	ug/l	97
37) Ethyl Acetate	7.285	43	47443	19.021	ug/l #	95
38) Carbon Tetrachloride	8.091	117	119114	21.148	ug/l	99
39) Methylcyclohexane	9.349	83	112909	17.940	ug/l	98
40) Benzene	8.344	78	339068	21.639	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	29787	20.056	ug/l	96
42) 1,2-Dichloroethane	8.420	62	95544	20.235	ug/l	97
43) Isopropyl Acetate	8.444	43	87577	19.023	ug/l #	90
44) Trichloroethene	9.108	130	86408	20.613	ug/l	94
45) 1,2-Dichloropropane	9.379	63	88452	21.495	ug/l	91
46) Dibromomethane	9.467	93	47472	20.914	ug/l	97
47) Bromodichloromethane	9.655	83	121435	20.796	ug/l	99
48) Methyl methacrylate	9.449	41	44639	19.820	ug/l	92
49) 1,4-Dioxane	9.455	88	8923	349.085	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	233375	97.554	ug/l	95
52) Toluene	10.396	92	217637	22.266	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	106717	19.896	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	127026	20.385	ug/l #	85
55) 1,1,2-Trichloroethane	10.791	97	62493	20.365	ug/l	95
56) Ethyl methacrylate	10.655	69	68912	19.073	ug/l #	87
57) 1,3-Dichloropropane	10.938	76	108208	20.549	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	150944	86.169	ug/l	96
59) 2-Hexanone	10.973	43	153886	95.598	ug/l	97
60) Dibromochloromethane	11.132	129	81070	20.987	ug/l	100
61) 1,2-Dibromoethane	11.238	107	61193	20.488	ug/l	99
64) Tetrachloroethene	10.867	164	69886	21.167	ug/l	97
65) Chlorobenzene	11.661	112	228939	21.918	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	85790	21.855	ug/l	98
67) Ethyl Benzene	11.738	91	389935	21.572	ug/l	96
68) m/p-Xylenes	11.843	106	306895	44.075	ug/l	100
69) o-Xylene	12.173	106	142632	21.933	ug/l	95
70) Styrene	12.185	104	254739	22.609	ug/l	97
71) Bromoform	12.349	173	45205	21.249	ug/l #	98
73) Isopropylbenzene	12.467	105	377241	21.417	ug/l	100
74) N-amyl acetate	12.279	43	85557	19.505	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	74154	20.856	ug/l	95
76) 1,2,3-Trichloropropane	12.767	75	51088m	20.238	ug/l	
77) Bromobenzene	12.749	156	87865	21.007	ug/l	95
78) n-propylbenzene	12.808	91	478704	21.564	ug/l	100
79) 2-Chlorotoluene	12.896	91	278561	21.481	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	326712	21.875	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	20572	18.740	ug/l	93
82) 4-Chlorotoluene	12.990	91	295907	21.839	ug/l	99
83) tert-Butylbenzene	13.208	119	270458	21.300	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	322882	21.628	ug/l	98
85) sec-Butylbenzene	13.390	105	416957	21.772	ug/l	99
86) p-Isopropyltoluene	13.502	119	340856	21.708	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	184631	21.912	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	179701	21.416	ug/l	99
89) n-Butylbenzene	13.826	91	317759	20.891	ug/l	100
90) Hexachloroethane	14.096	117	70073	21.784	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	158117	21.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	10825	19.206	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	88044	20.245	ug/l	99
94) Hexachlorobutadiene	15.249	225	48616	20.469	ug/l	99
95) Naphthalene	15.379	128	154927	19.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	81675	21.186	ug/l	96

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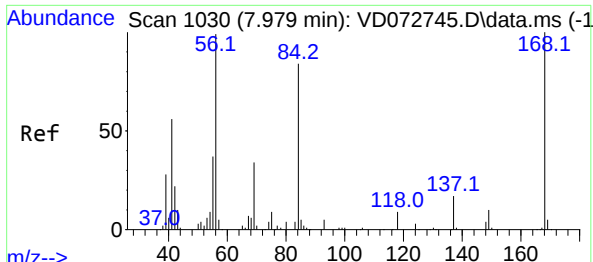
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/19/2022

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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

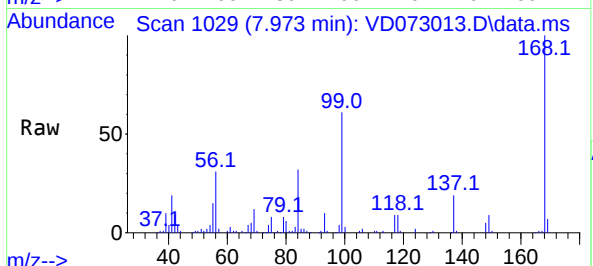
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073013.D
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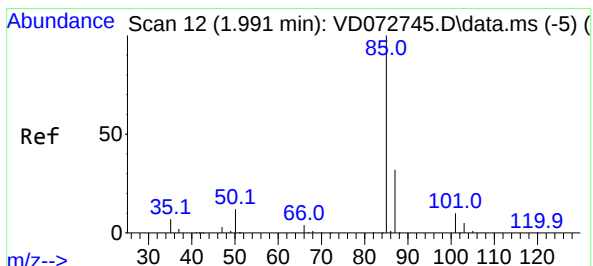
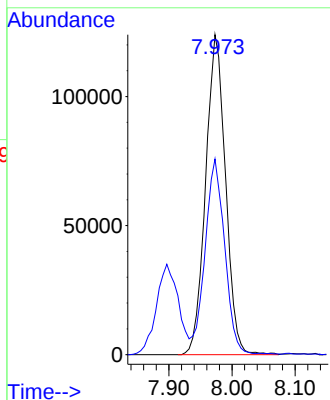
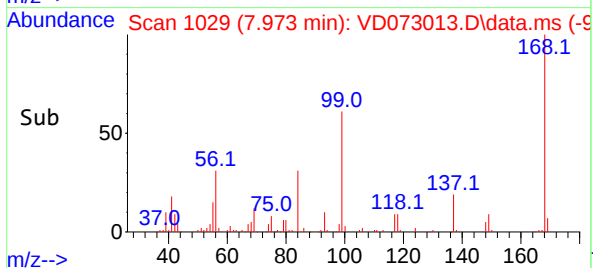
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



Tgt Ion:168 Resp: 27159
Ion Ratio Lower Upper
168 100
99 60.9 49.8 74.6

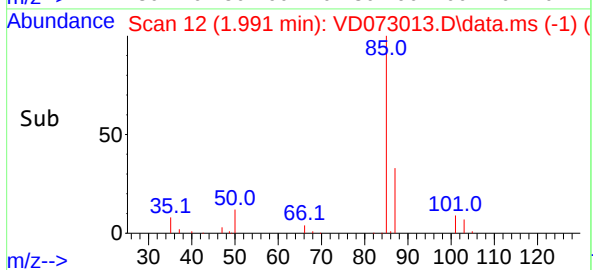
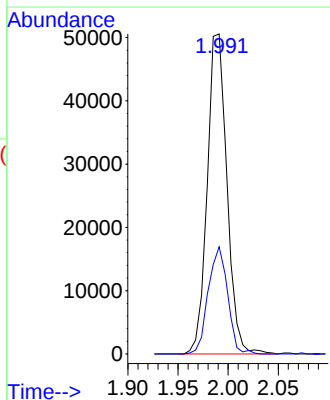
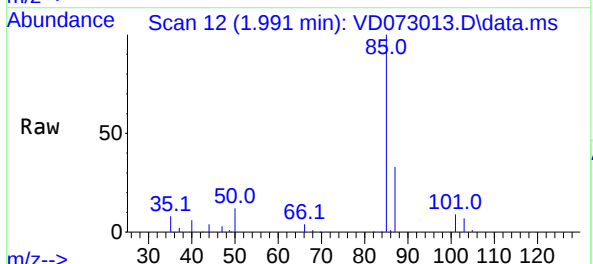
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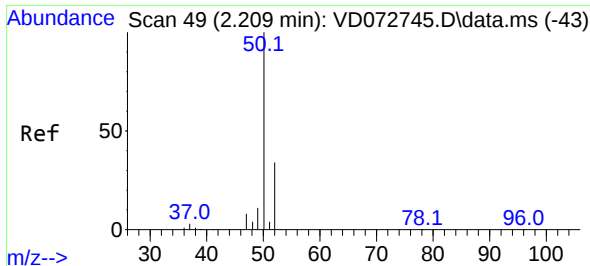
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#2
Dichlorodifluoromethane
Concen: 18.426 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

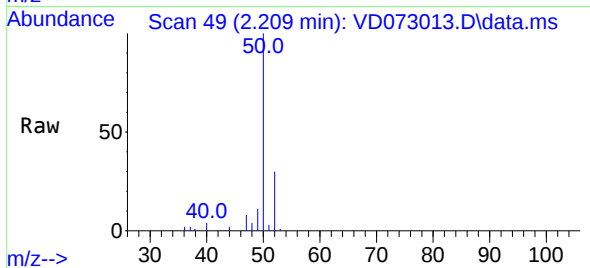
Tgt Ion: 85 Resp: 69152
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0





#3
Chloromethane
Concen: 19.076 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

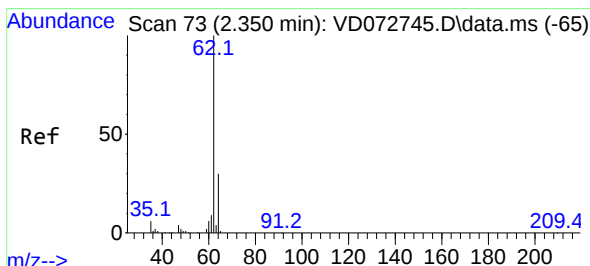
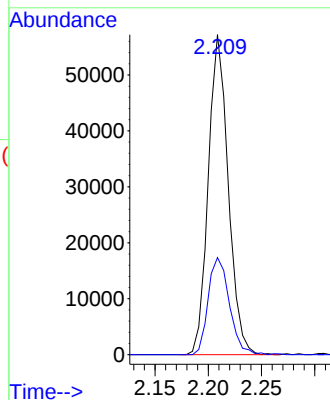
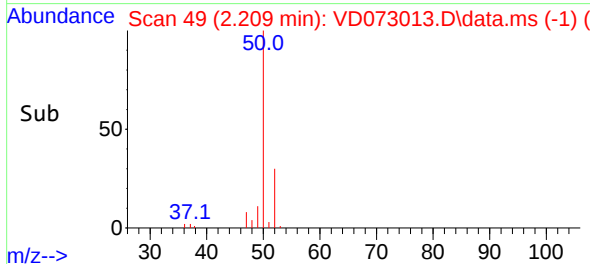
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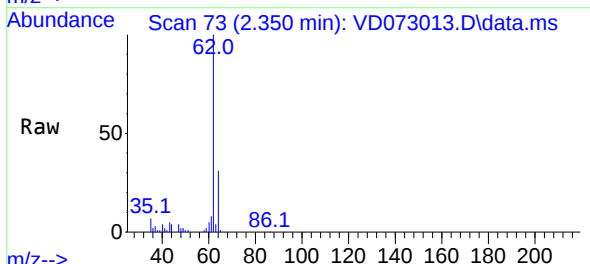
Tgt Ion: 50 Resp: 7445
Ion Ratio Lower Upper
50 100
52 30.3 27.4 41.0

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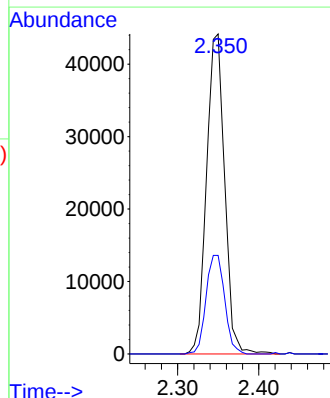
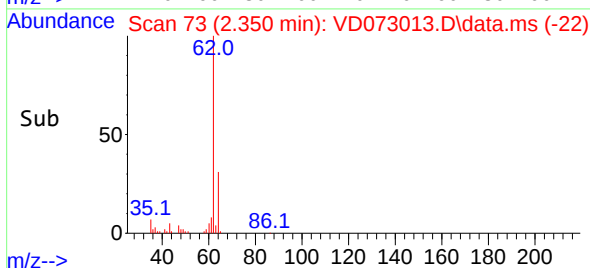
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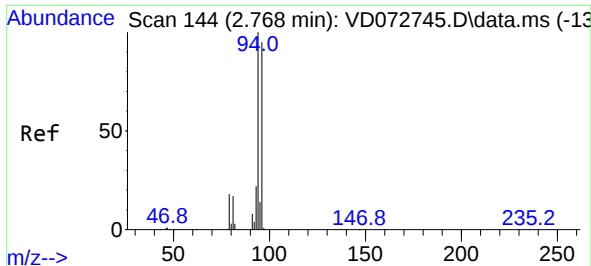


#4
Vinyl Chloride
Concen: 19.457 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



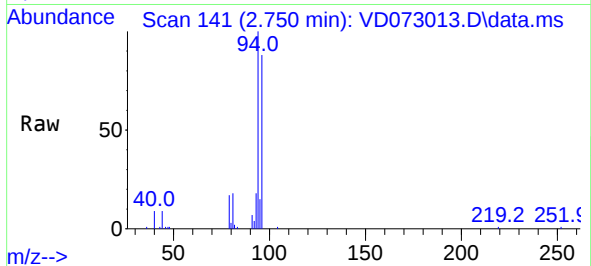
Tgt Ion: 62 Resp: 68145
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0





#5
Bromomethane
Concen: 21.938 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

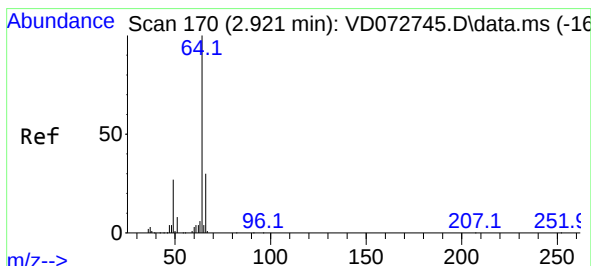
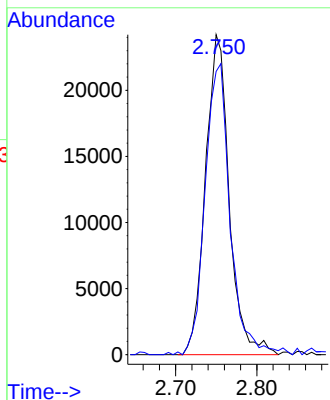
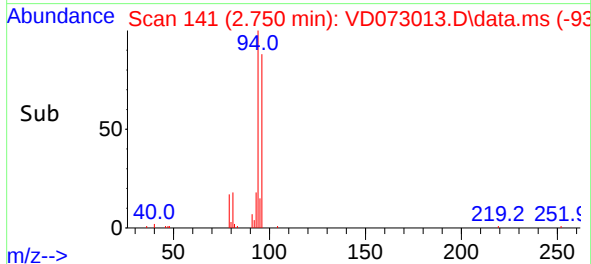
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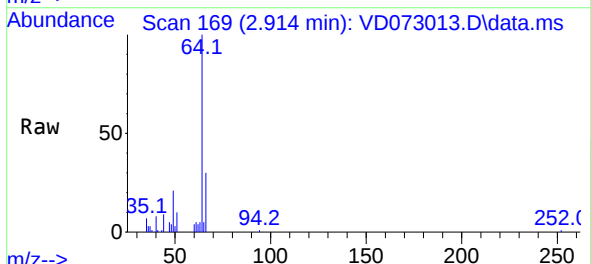
Tgt Ion: 94 Resp: 49128
Ion Ratio Lower Upper
94 100
96 87.7 77.6 116.4

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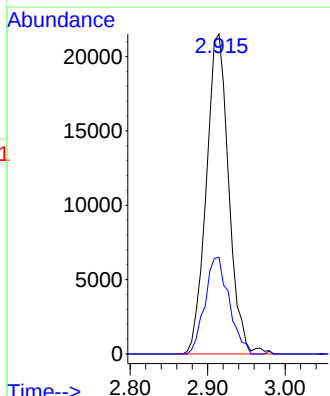
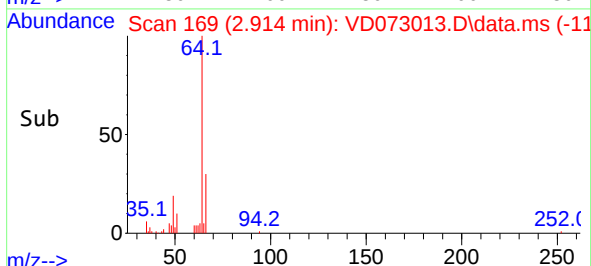
Reviewed By :John Carlone 05/19/2022
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#6
Chloroethane
Concen: 19.836 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



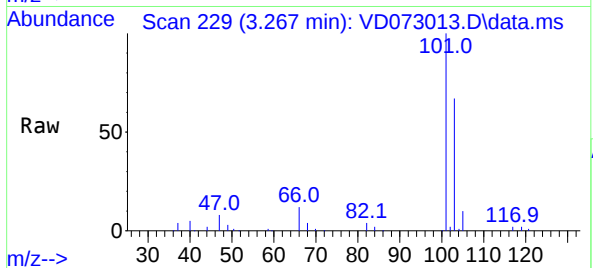
Tgt Ion: 64 Resp: 43297
Ion Ratio Lower Upper
64 100
66 30.2 25.9 38.9





#7
Trichlorofluoromethane
Concen: 20.136 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

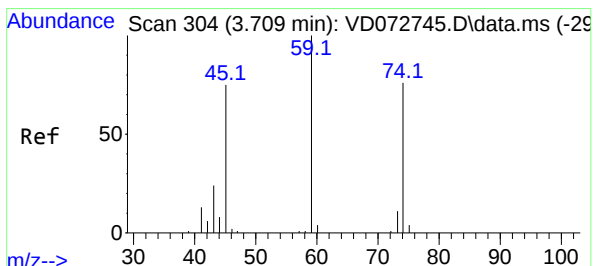
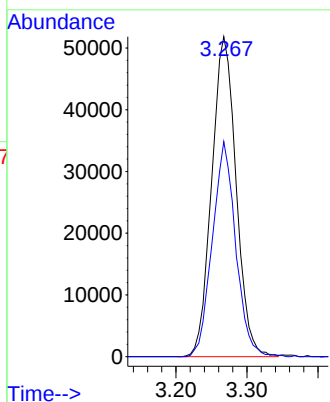
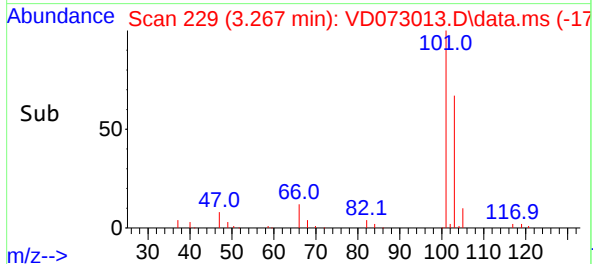
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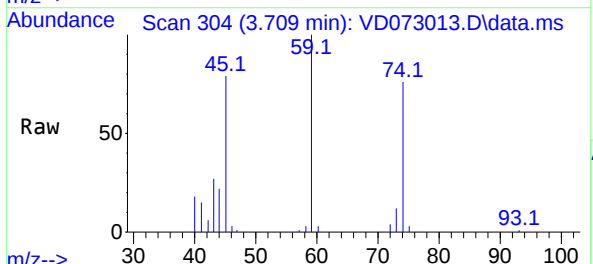
Tgt Ion:101 Resp: 123489
Ion Ratio Lower Upper
101 100
103 67.2 50.1 75.1

Manual Integrations
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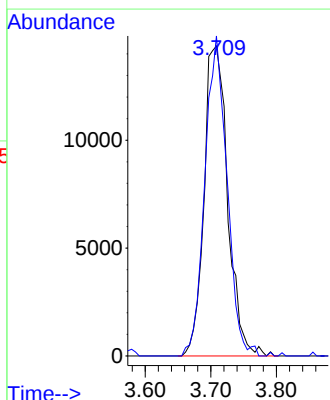
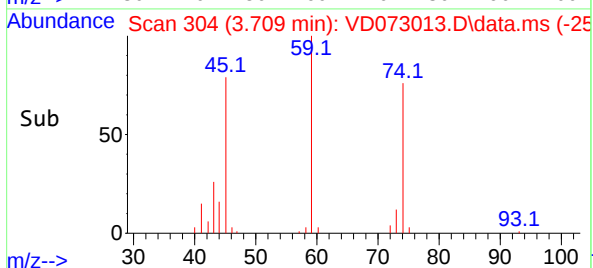
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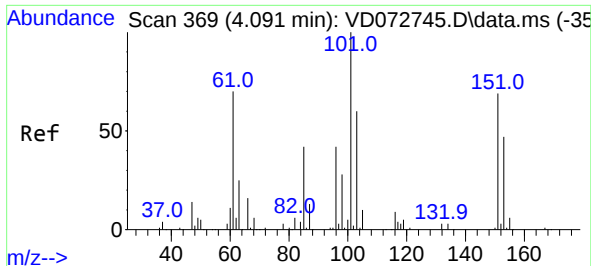


#8
Diethyl Ether
Concen: 20.525 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



Tgt Ion: 74 Resp: 36087
Ion Ratio Lower Upper
74 100
45 96.3 52.6 157.8





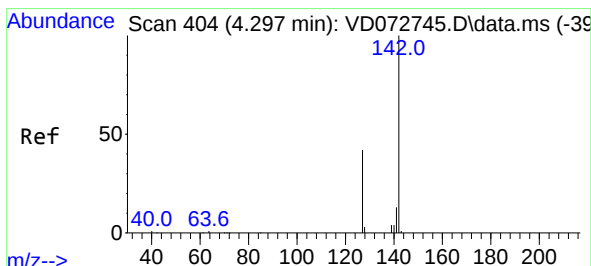
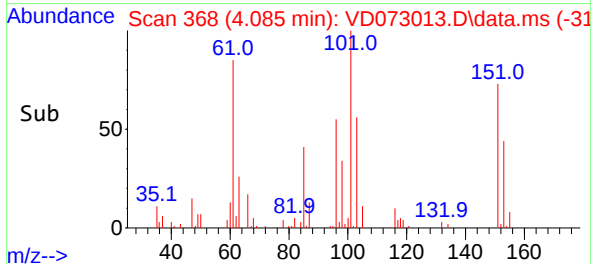
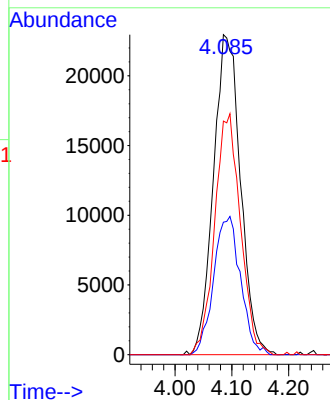
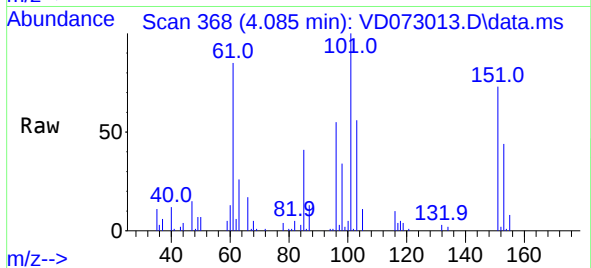
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.860 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion:101 Resp: 75950
Ion Ratio Lower Upper
101 100
85 42.9 36.4 54.6
151 71.6 57.3 85.9

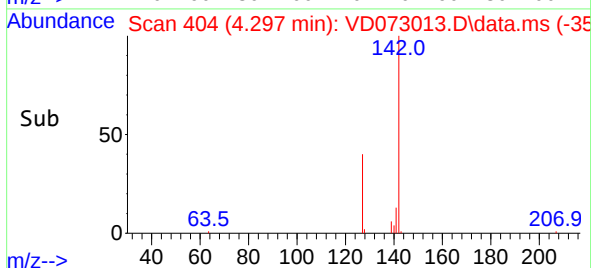
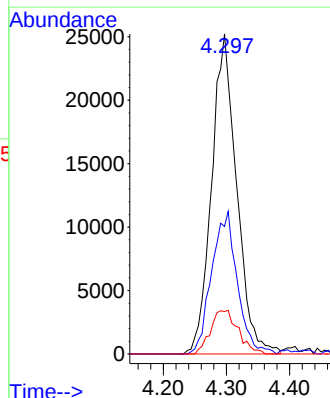
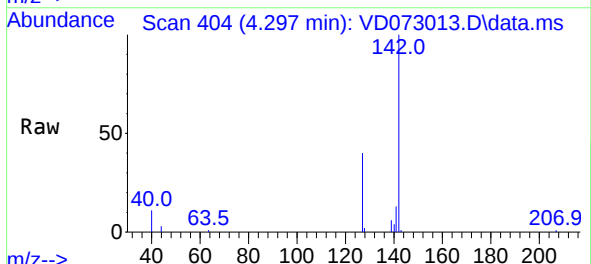
Manual Integrations
APPROVED

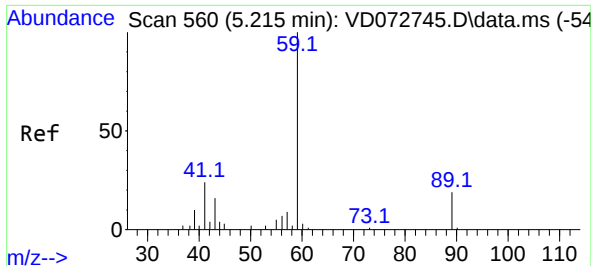
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#10
Methyl Iodide
Concen: 19.064 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

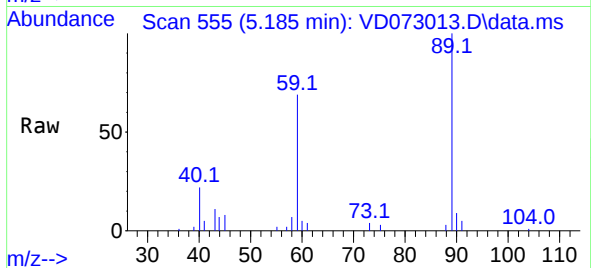
Tgt Ion:142 Resp: 69660
Ion Ratio Lower Upper
142 100
127 45.4 37.3 55.9
141 15.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 154.504 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

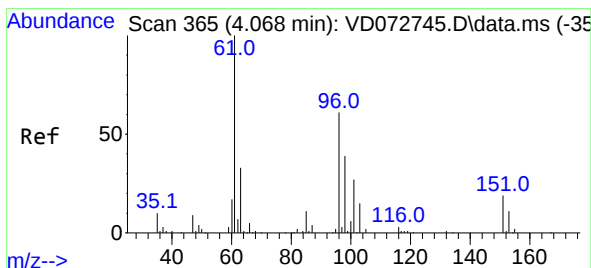
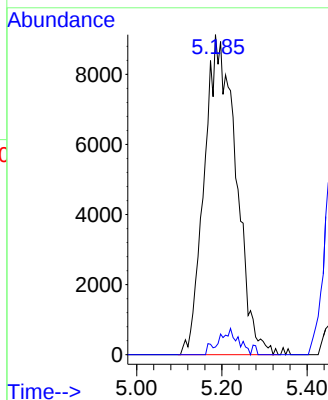
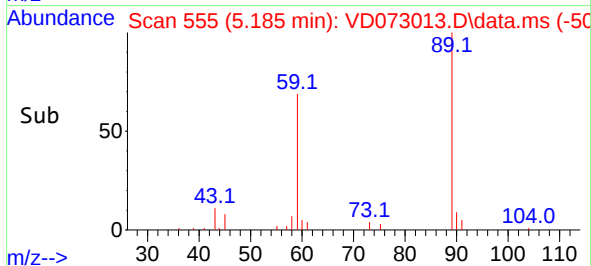
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



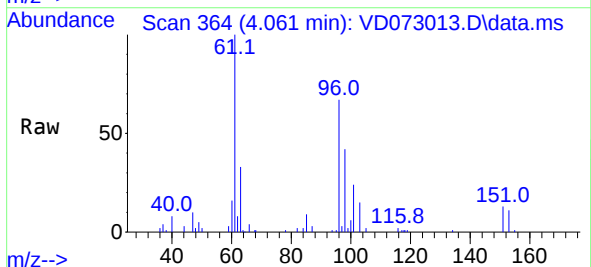
Tgt Ion: 59 Resp: 47128
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6

Manual Integrations
APPROVED

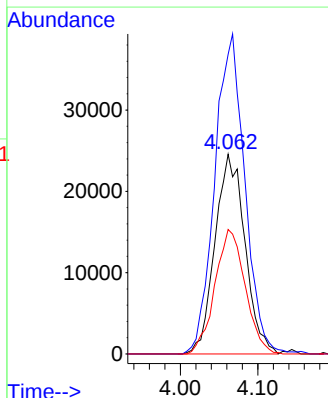
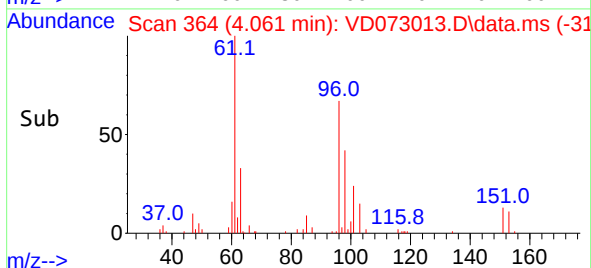
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

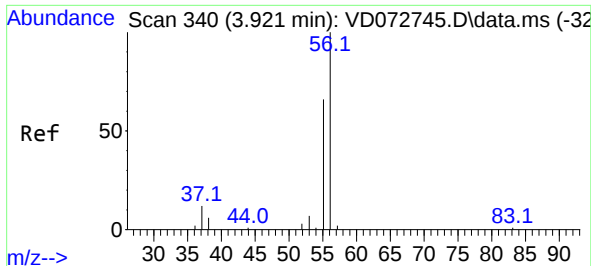


#12
1,1-Dichloroethene
Concen: 20.166 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



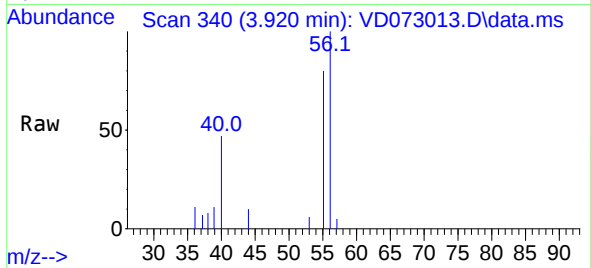
Tgt Ion: 96 Resp: 66041
Ion Ratio Lower Upper
96 100
61 150.0 138.5 207.7
98 62.4 48.6 73.0





#13
Acrolein
Concen: 61.204 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.001 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

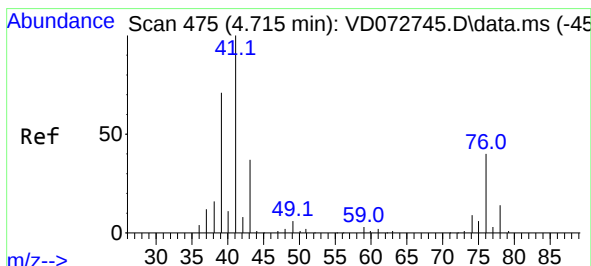
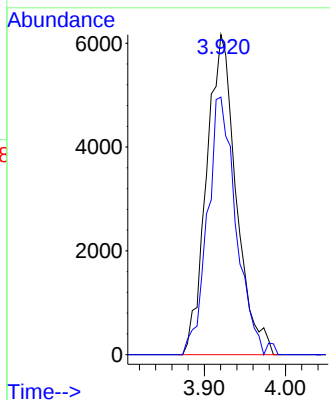
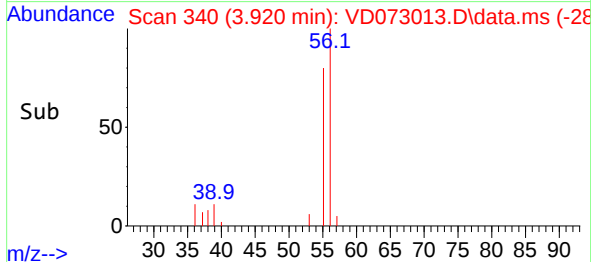
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



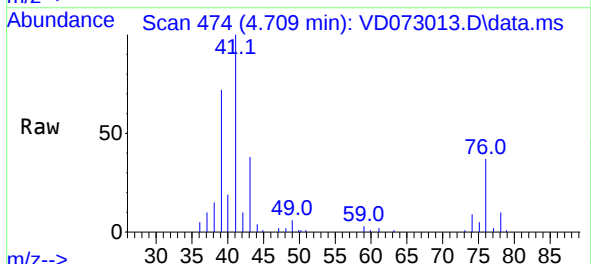
Tgt Ion: 56 Resp: 1566
Ion Ratio Lower Upper
56 100
55 77.0 57.1 85.7

Manual Integrations
APPROVED

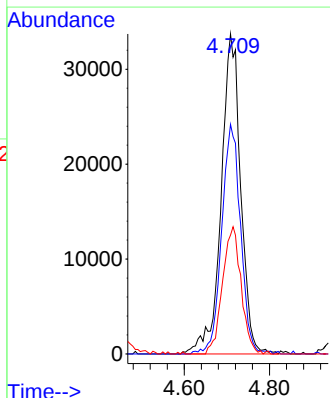
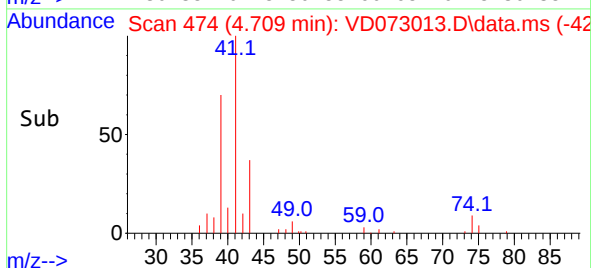
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

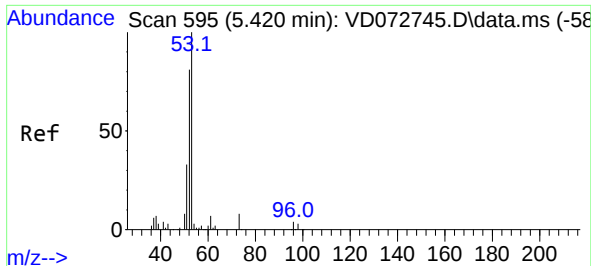


#14
Allyl chloride
Concen: 20.315 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



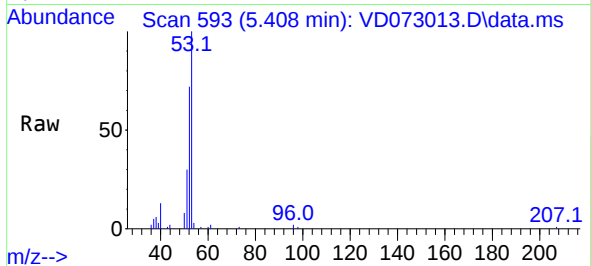
Tgt Ion: 41 Resp: 107413
Ion Ratio Lower Upper
41 100
39 69.5 59.3 88.9
76 37.8 25.7 38.5





#15
Acrylonitrile
Concen: 101.686 ug/l
RT: 5.408 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

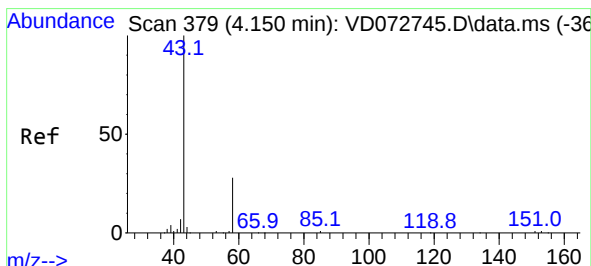
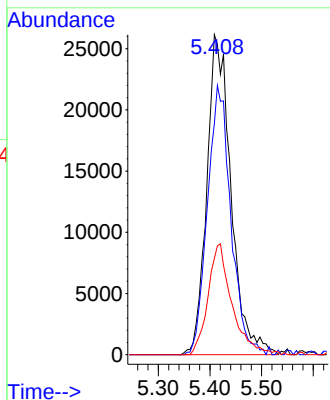
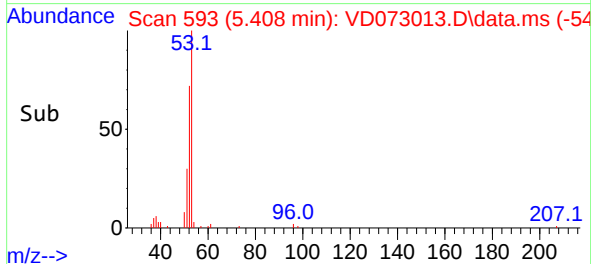
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



Tgt Ion: 53 Resp: 8496
Ion Ratio Lower Upper
53 100
52 81.4 67.2 100.8
51 34.3 30.3 45.5

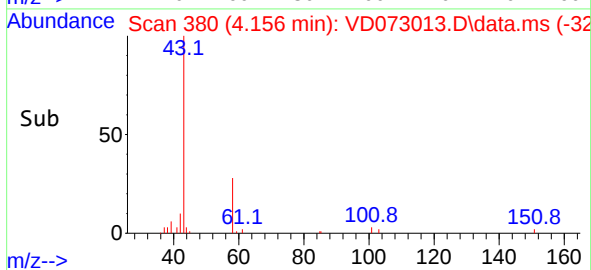
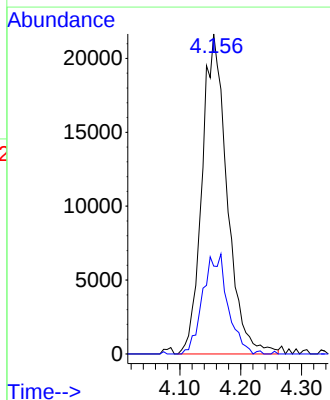
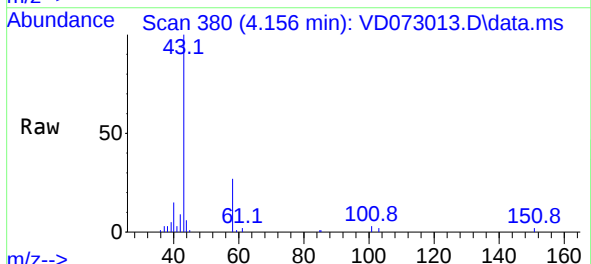
Manual Integrations
APPROVED

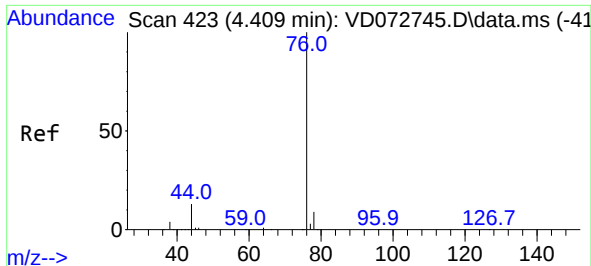
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#16
Acetone
Concen: 84.896 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

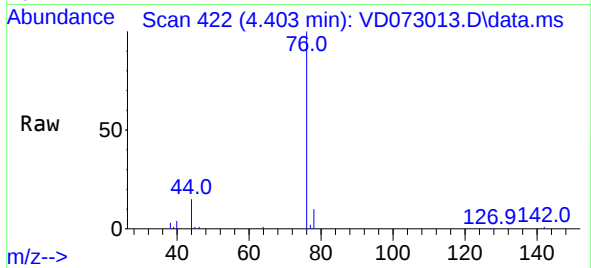
Tgt Ion: 43 Resp: 62096
Ion Ratio Lower Upper
43 100
58 27.4 22.1 33.1





#17
Carbon Disulfide
Concen: 18.706 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

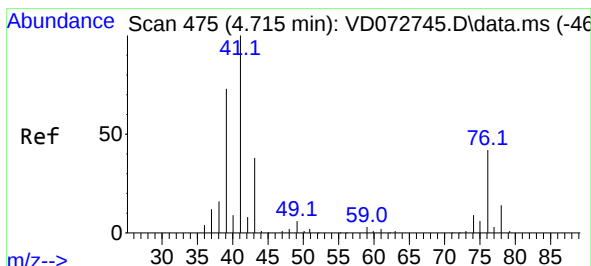
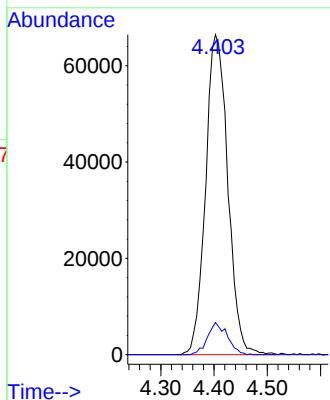
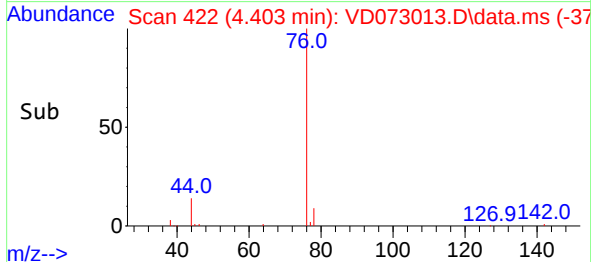
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



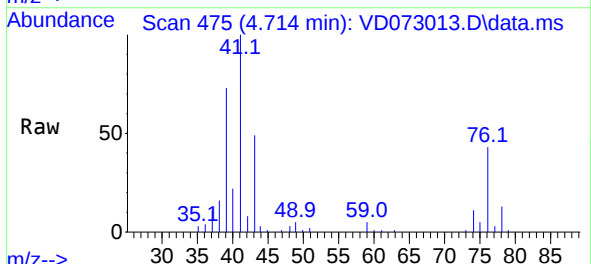
Tgt Ion: 76 Resp: 192618
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3

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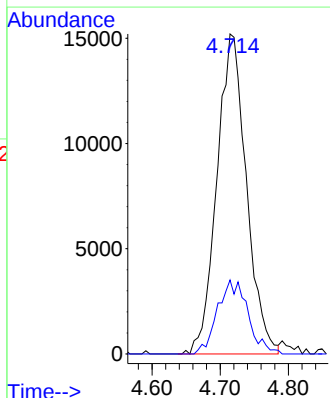
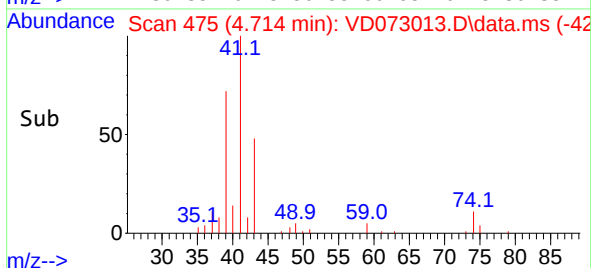
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#18
Methyl Acetate
Concen: 23.757 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



Tgt Ion: 43 Resp: 45823
Ion Ratio Lower Upper
43 100
74 23.8 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 19.999 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD073013.D

Acq: 14 May 2022 03:24

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS02

Tgt Ion: 73 Resp: 15701

Ion Ratio Lower Upper

73 100

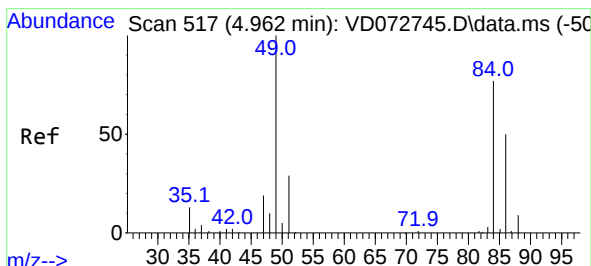
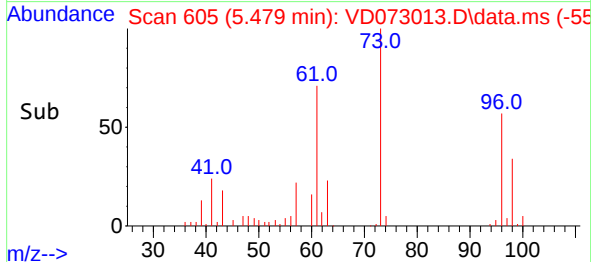
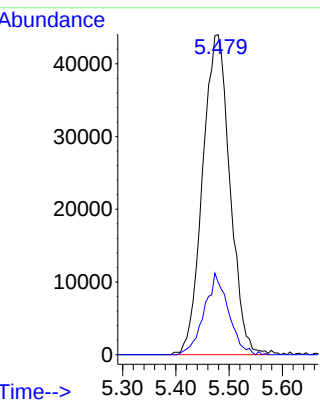
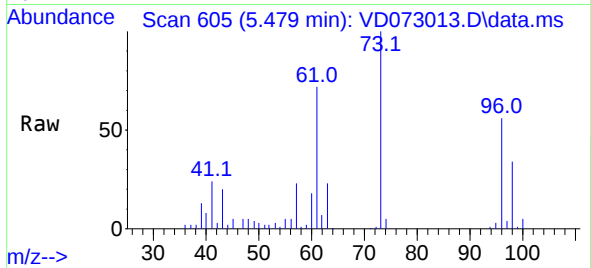
57 22.6 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#20

Methylene Chloride

Concen: 21.905 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD073013.D

Acq: 14 May 2022 03:24

Tgt Ion: 84 Resp: 107282

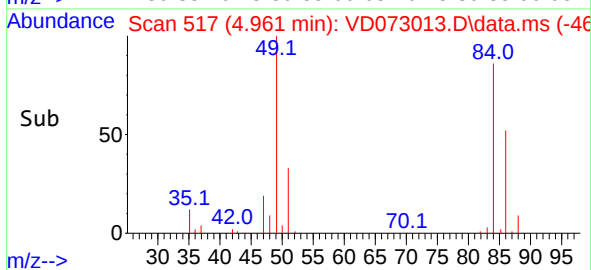
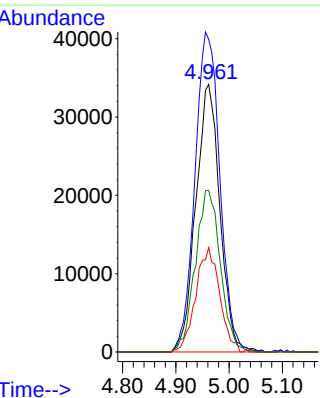
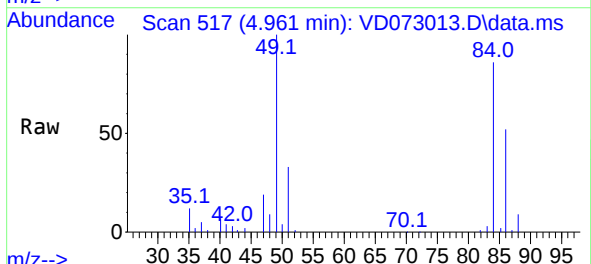
Ion Ratio Lower Upper

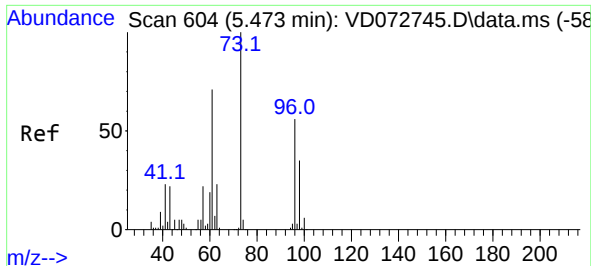
84 100

49 116.9 112.8 169.2

51 39.0 32.6 48.8

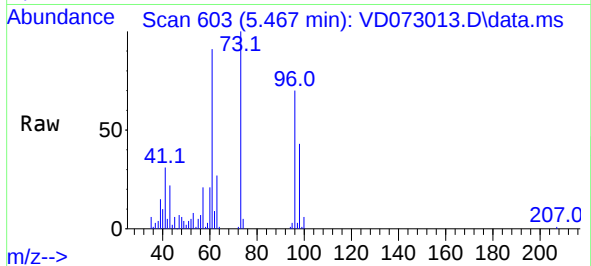
86 60.4 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 21.281 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

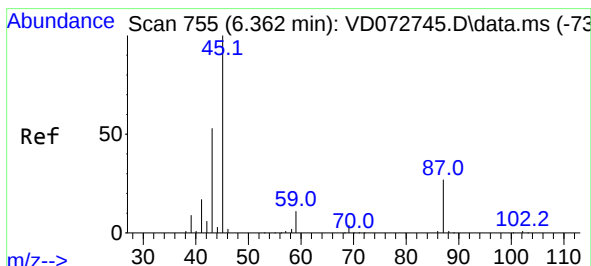
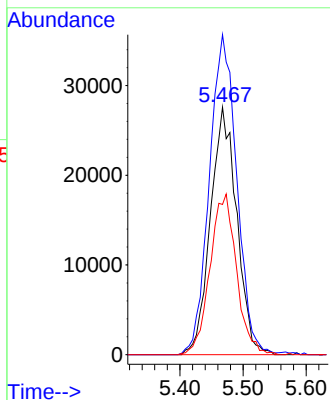
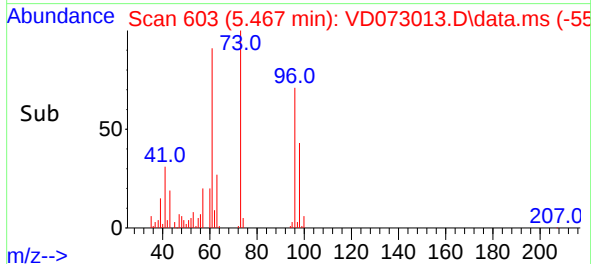
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



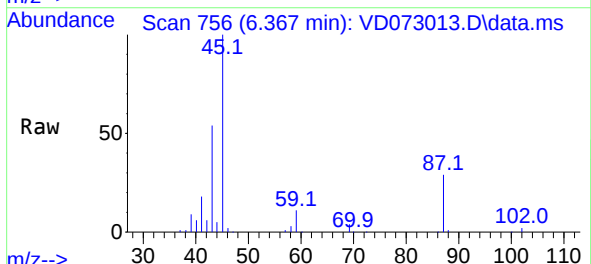
Tgt Ion: 96 Resp: 79928
Ion Ratio Lower Upper
96 100
61 129.3 117.9 176.9
98 60.7 49.4 74.2

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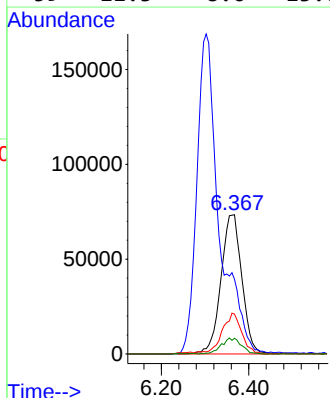
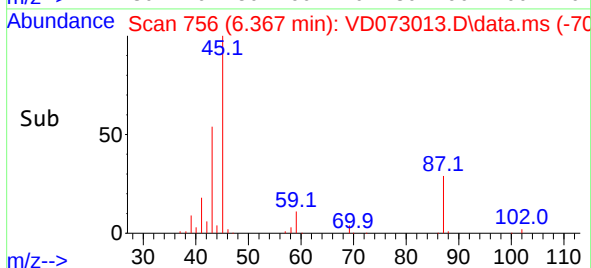
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

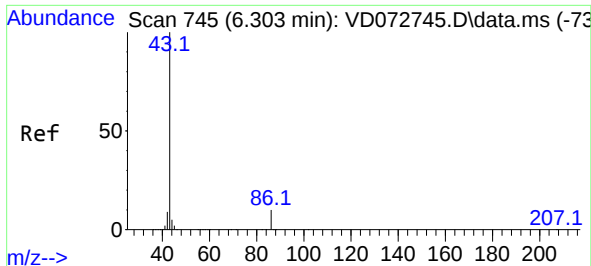


#22
Diisopropyl ether
Concen: 20.970 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.005 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



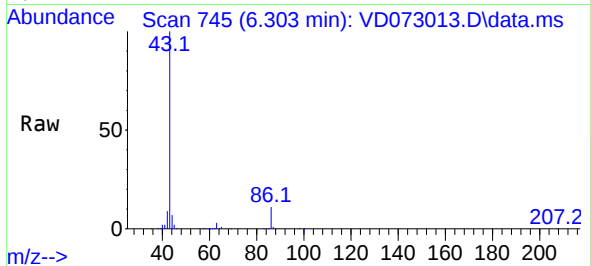
Tgt Ion: 45 Resp: 243896
Ion Ratio Lower Upper
45 100
43 53.2 46.6 70.0
87 28.4 18.4 27.6#
59 11.3 8.6 13.0





#23
 Vinyl Acetate
 Concen: 93.906 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD073013.D
 Acq: 14 May 2022 03:24

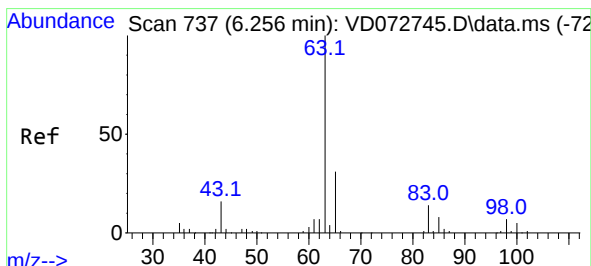
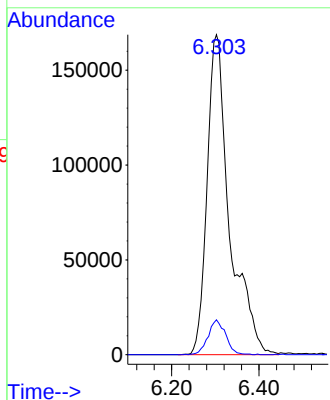
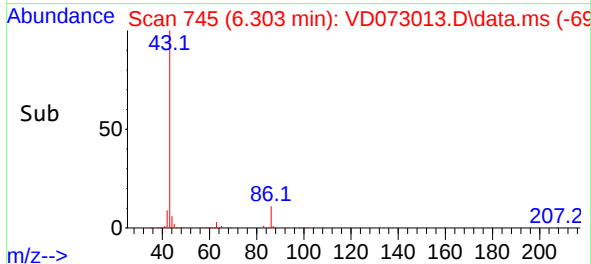
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS02



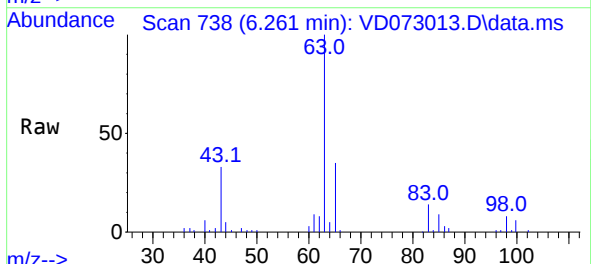
Tgt Ion: 43 Resp: 603354
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

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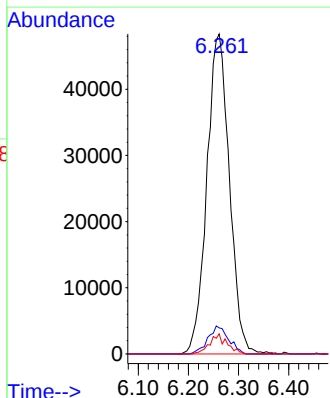
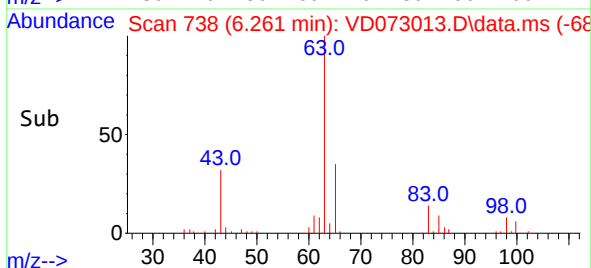
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022

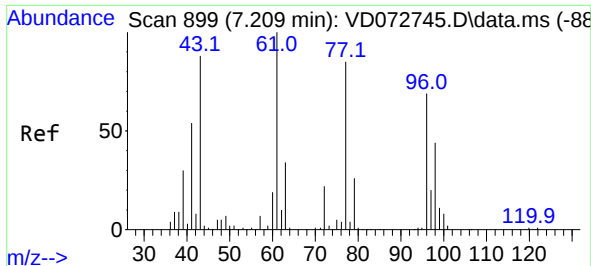


#24
 1,1-Dichloroethane
 Concen: 21.609 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.005 min
 Lab File: VD073013.D
 Acq: 14 May 2022 03:24



Tgt Ion: 63 Resp: 150999
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.9
 100 6.3 2.1 6.5





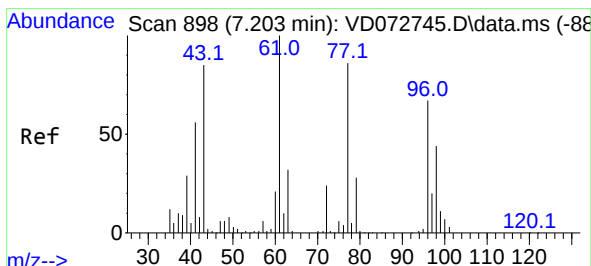
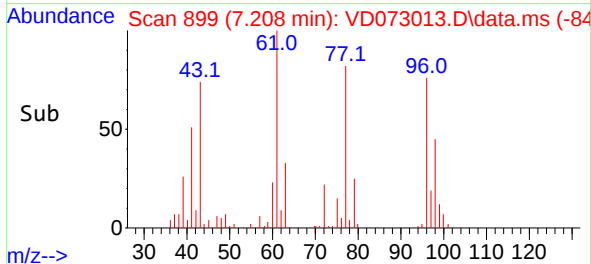
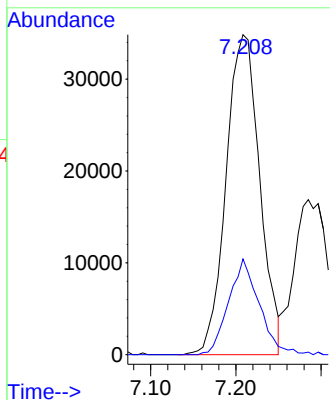
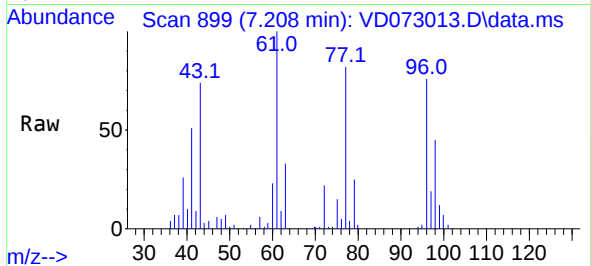
#25
2-Butanone
Concen: 93.149 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 43 Resp: 95684
Ion Ratio Lower Upper
43 100
72 29.9 18.6 27.8

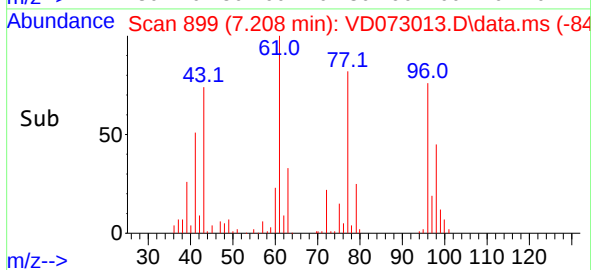
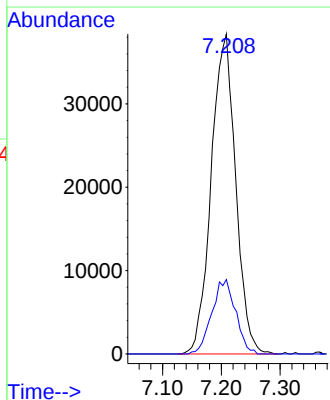
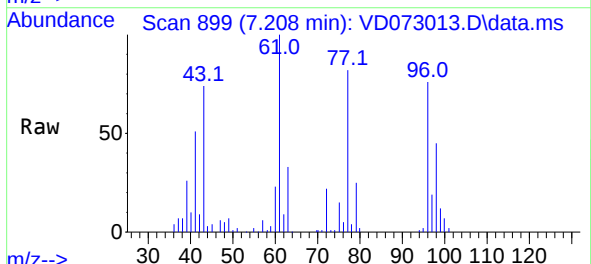
Manual Integrations
APPROVED

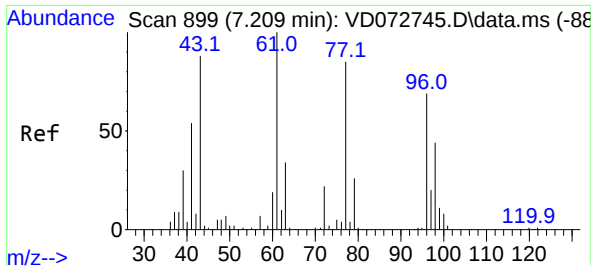
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#26
2,2-Dichloropropane
Concen: 18.734 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.005 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Tgt Ion: 77 Resp: 110674
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.4





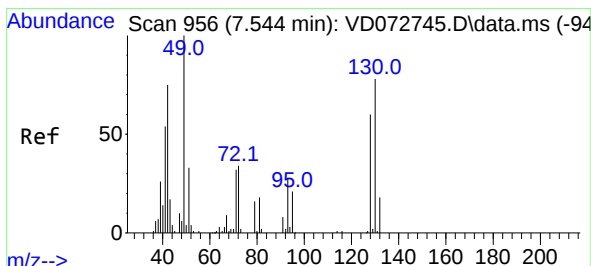
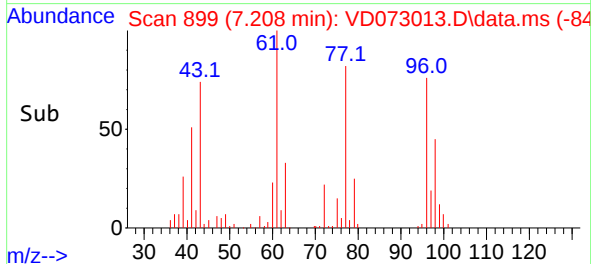
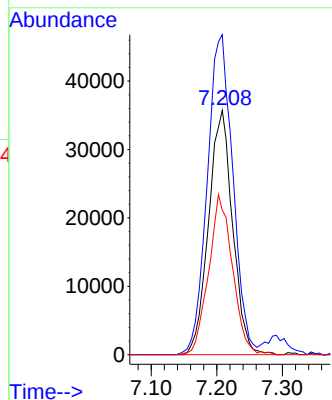
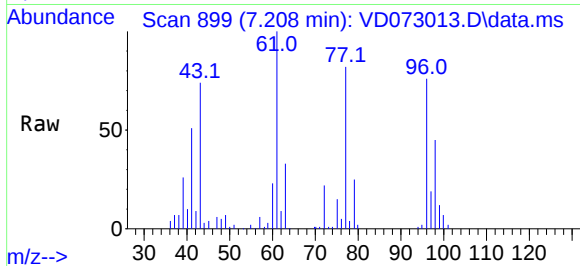
#27
cis-1,2-Dichloroethene
Concen: 21.215 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 96 Resp: 9126
Ion Ratio Lower Upper
96 100
61 139.0 0.0 313.8
98 64.8 0.0 128.8

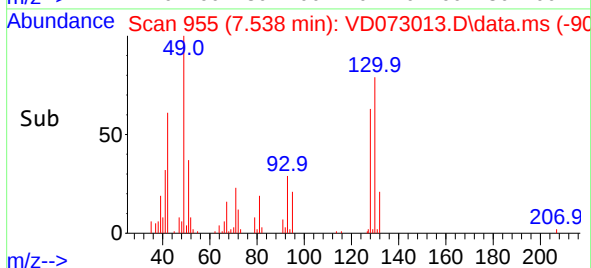
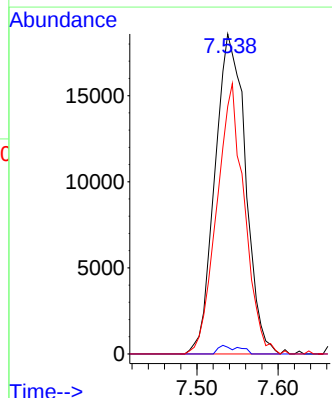
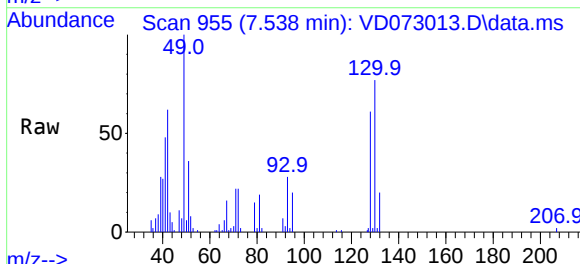
Manual Integrations
APPROVED

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



#28
Bromochloromethane
Concen: 18.672 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

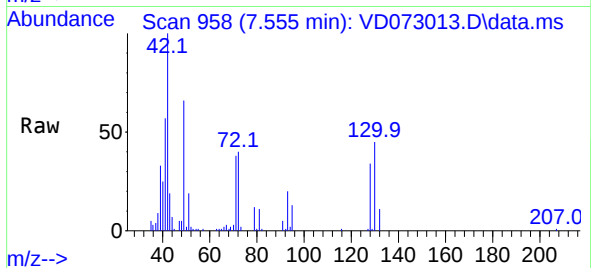
Tgt Ion: 49 Resp: 48656
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.0
130 76.5 52.6 79.0





#29
Tetrahydrofuran
Concen: 99.039 ug/l
RT: 7.555 min Scan# 958
Delta R.T. -0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

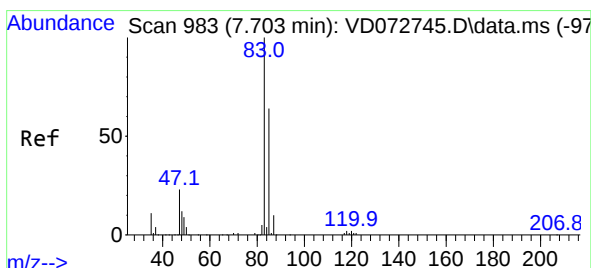
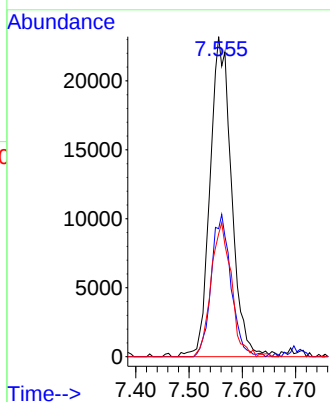
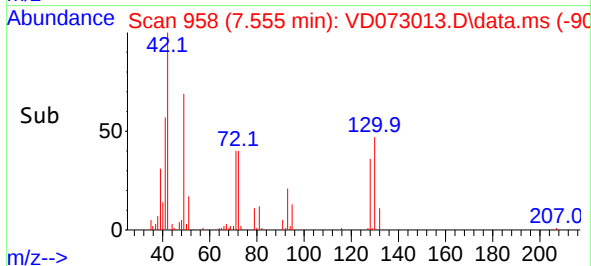
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



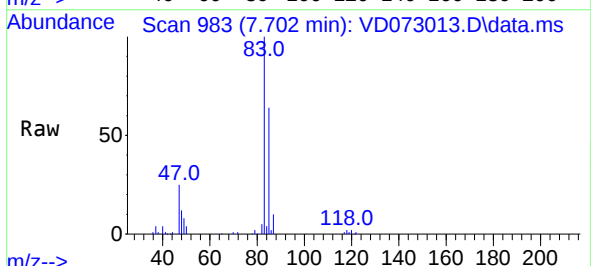
Tgt Ion: 42 Resp: 64840
Ion Ratio Lower Upper
42 100
72 40.9 30.7 46.1
71 39.3 28.6 43.0

Manual Integrations
APPROVED

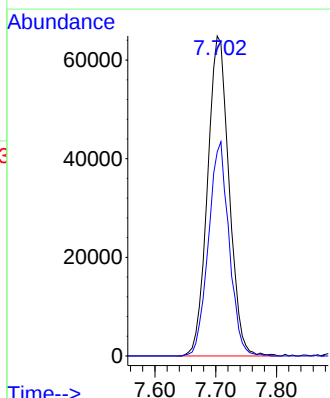
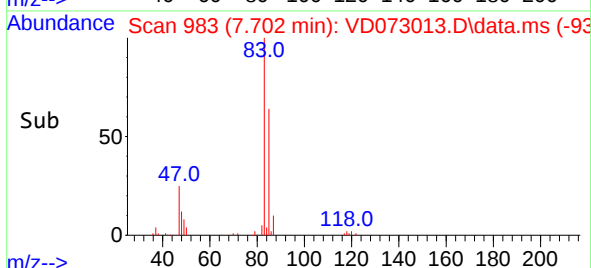
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

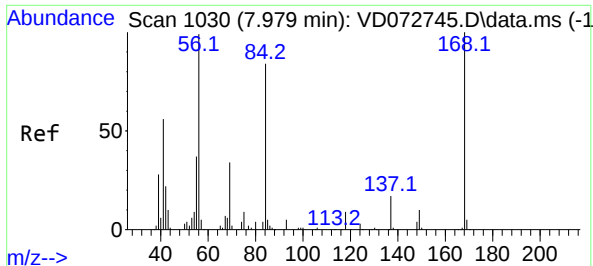


#30
Chloroform
Concen: 21.540 ug/l
RT: 7.702 min Scan# 983
Delta R.T. -0.001 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



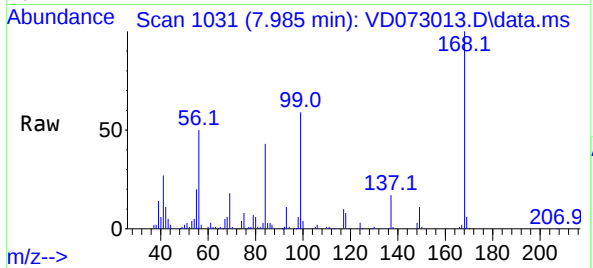
Tgt Ion: 83 Resp: 159263
Ion Ratio Lower Upper
83 100
85 63.8 52.7 79.1





#31
Cyclohexane
Concen: 18.204 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

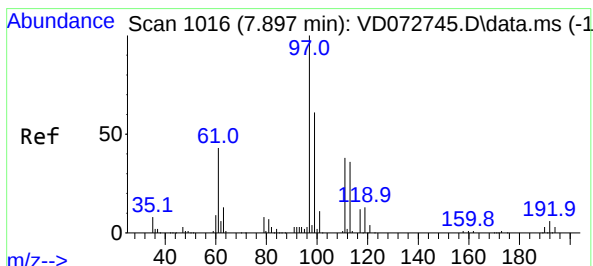
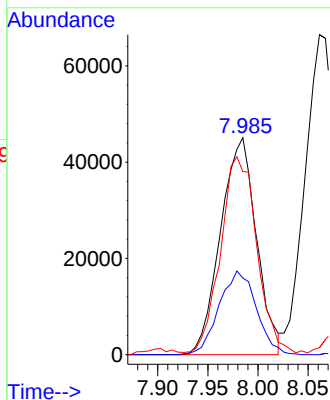
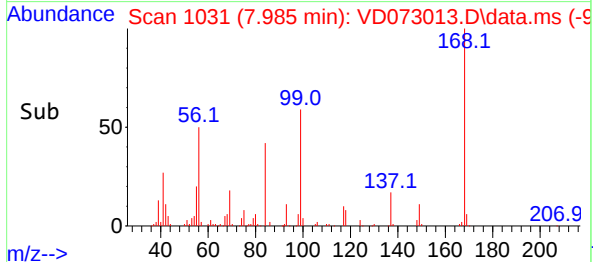
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



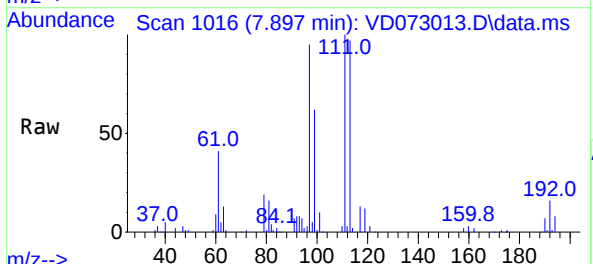
Tgt Ion: 56 Resp: 112180
Ion Ratio Lower Upper
56 100
69 35.4 25.4 38.2
84 83.2 63.0 94.4

Manual Integrations
APPROVED

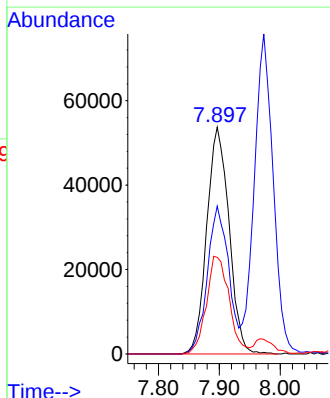
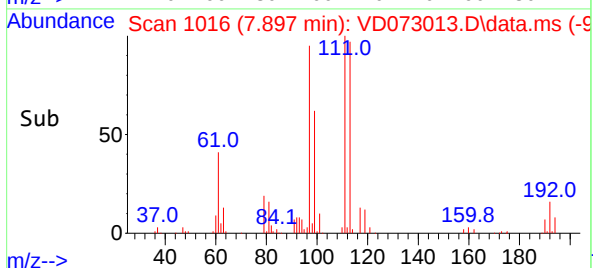
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

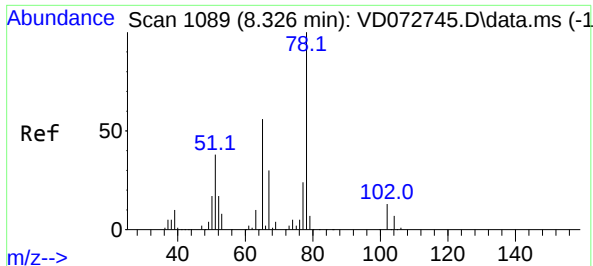


#32
1,1,1-Trichloroethane
Concen: 21.643 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



Tgt Ion: 97 Resp: 136390
Ion Ratio Lower Upper
97 100
99 62.5 52.4 78.6
61 44.1 38.0 57.0





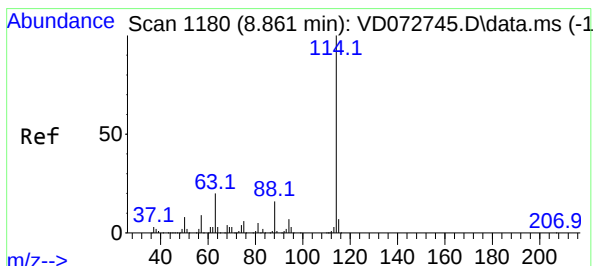
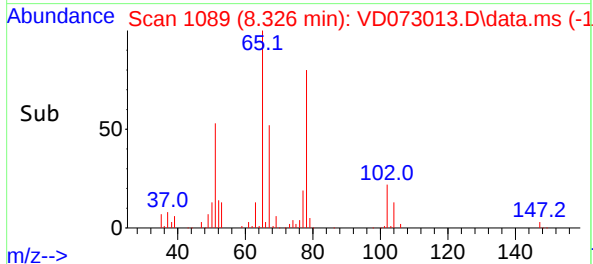
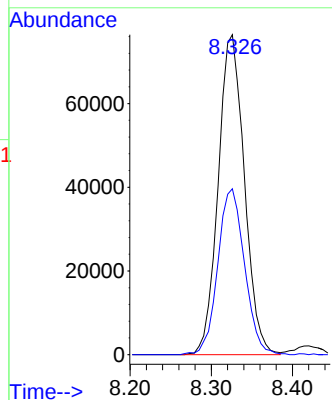
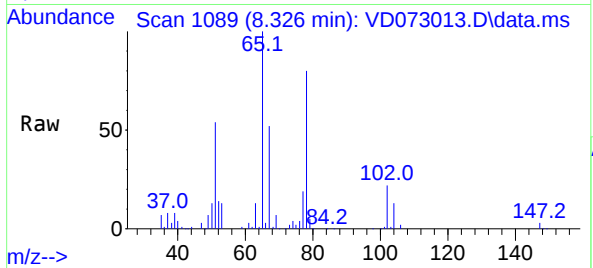
#33
1,2-Dichloroethane-d4
Concen: 48.599 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 65 Resp: 17133
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.4

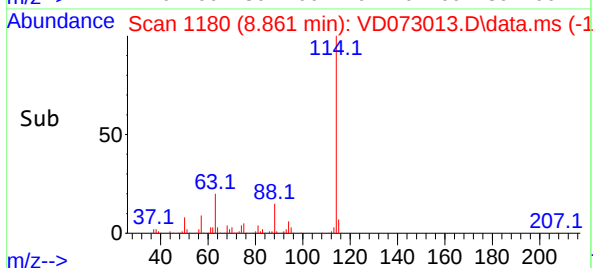
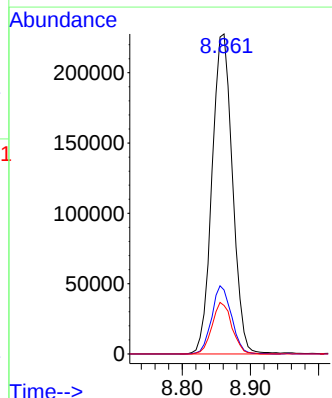
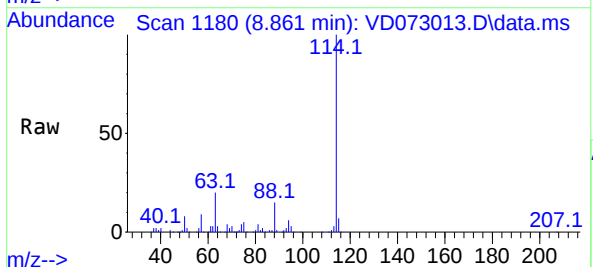
Manual Integrations
APPROVED

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: VD073013.D
Acq: 14 May 2022 03:24

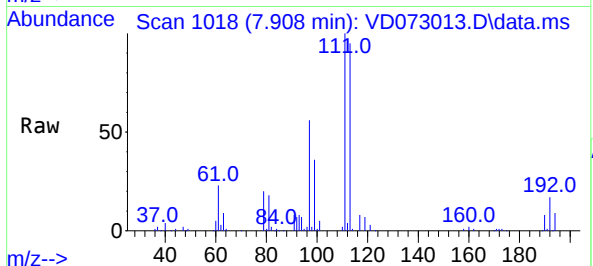
Tgt Ion:114 Resp: 475130
Ion Ratio Lower Upper
114 100
63 20.0 0.0 46.6
88 15.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 53.011 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

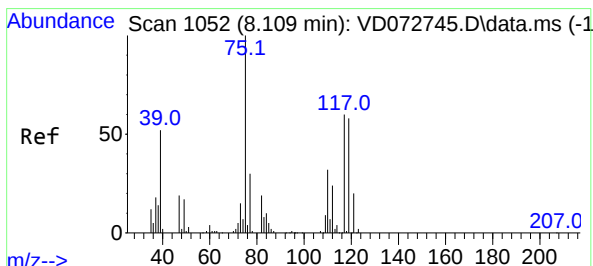
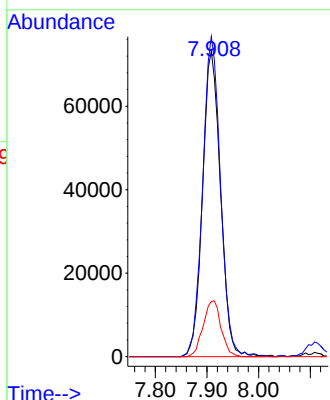
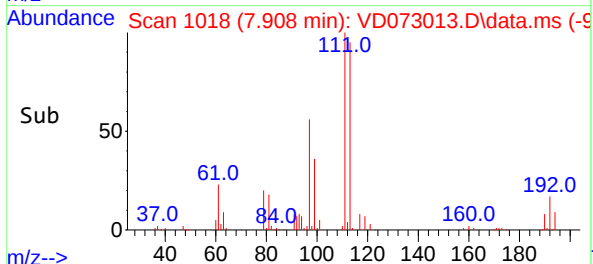
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



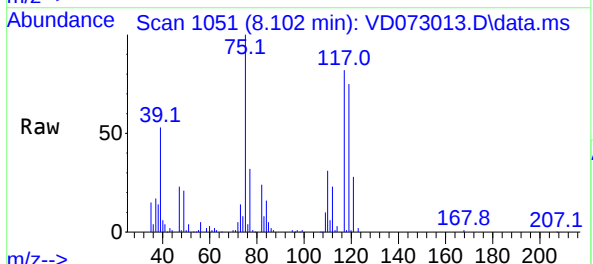
Tgt Ion:113 Resp: 17689
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 18.2 14.6 21.8

Manual Integrations
APPROVED

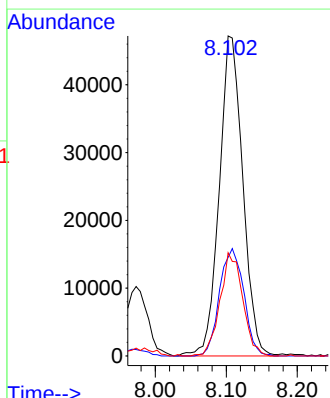
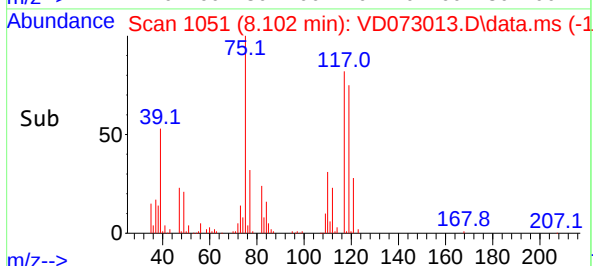
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

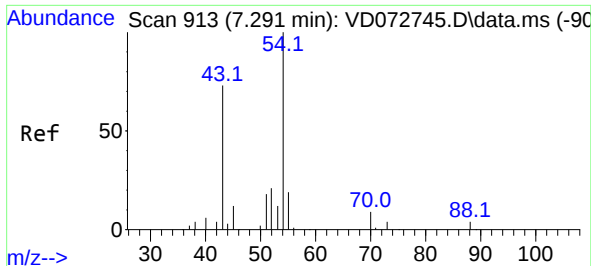


#36
1,1-Dichloropropene
Concen: 20.011 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. -0.007 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



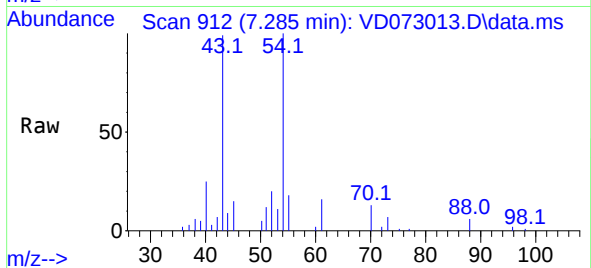
Tgt Ion: 75 Resp: 108575
Ion Ratio Lower Upper
75 100
110 34.7 16.4 49.1
77 31.0 24.2 36.2





#37
Ethyl Acetate
Concen: 19.021 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

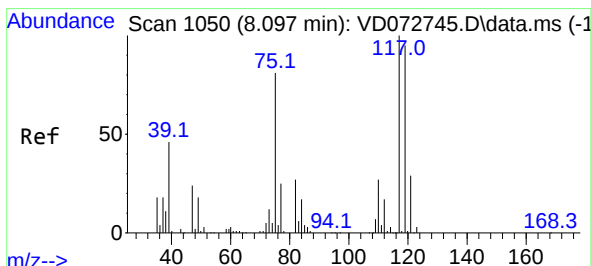
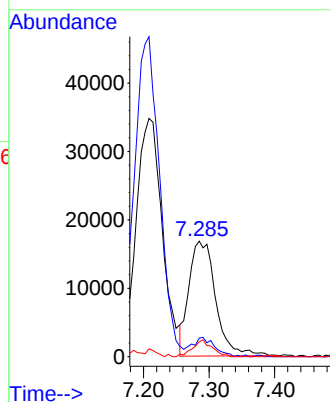
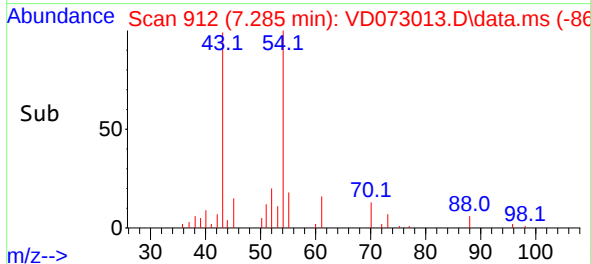
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



Tgt Ion: 43 Resp: 4744
Ion Ratio Lower Upper
43 100
61 14.2 9.8 14.8
70 10.7 6.9 10.3

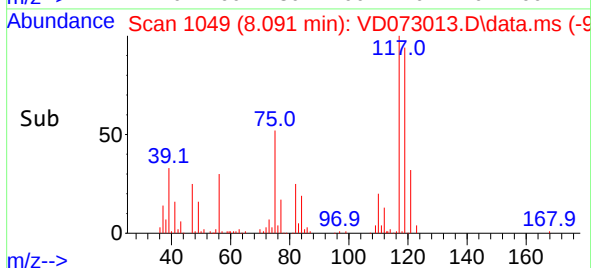
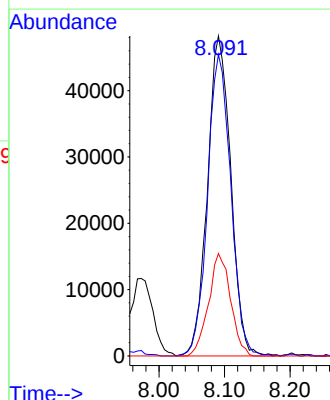
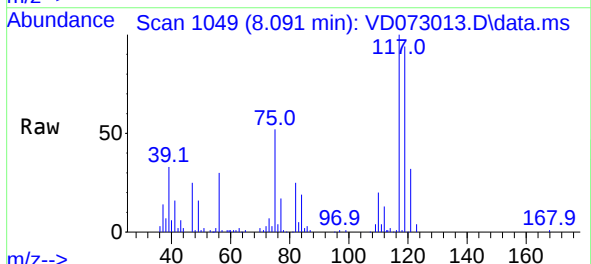
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 21.148 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Tgt Ion:117 Resp: 119114
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.6
121 32.0 24.5 36.7





#39

Methylcyclohexane

Concen: 17.940 ug/l

RT: 9.349 min Scan# 112909

Delta R.T. -0.001 min

Lab File: VD073013.D

Acq: 14 May 2022 03:24

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS02

Tgt Ion: 83 Resp: 112909

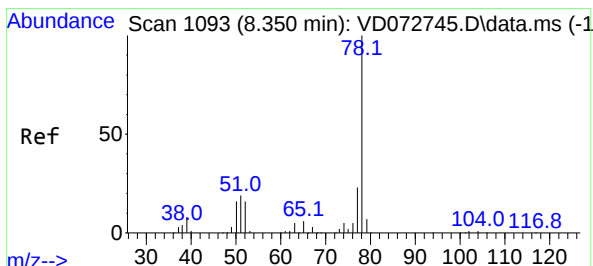
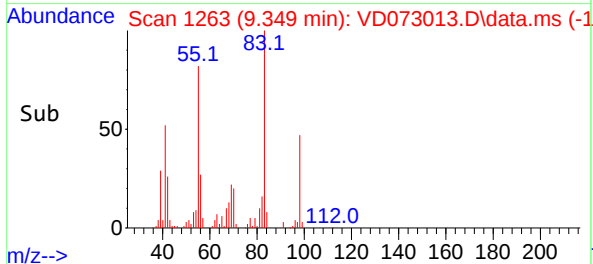
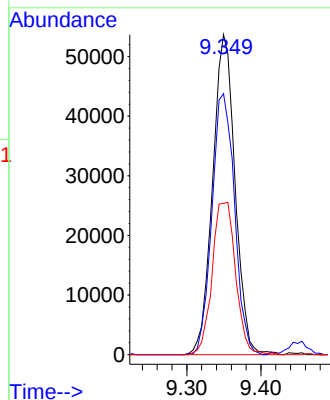
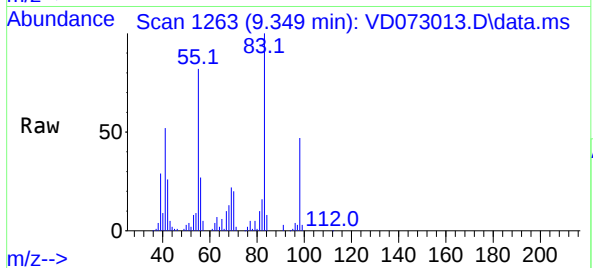
Ion	Ratio	Lower	Upper
83	100		
55	81.5	63.2	94.8
98	47.3	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#40

Benzene

Concen: 21.639 ug/l

RT: 8.344 min Scan# 1092

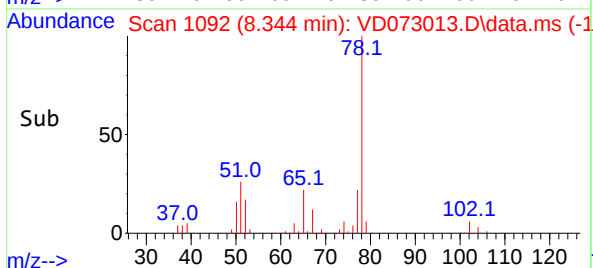
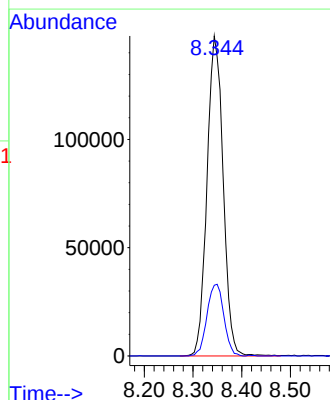
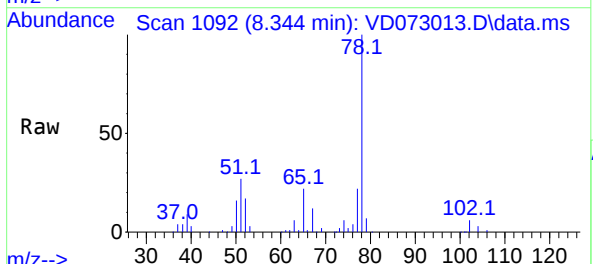
Delta R.T. -0.006 min

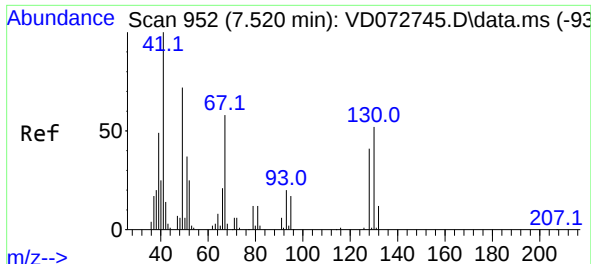
Lab File: VD073013.D

Acq: 14 May 2022 03:24

Tgt Ion: 78 Resp: 339068

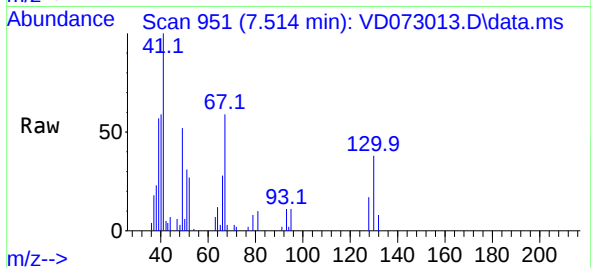
Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.1	28.7





#41
Methacrylonitrile
Concen: 20.056 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

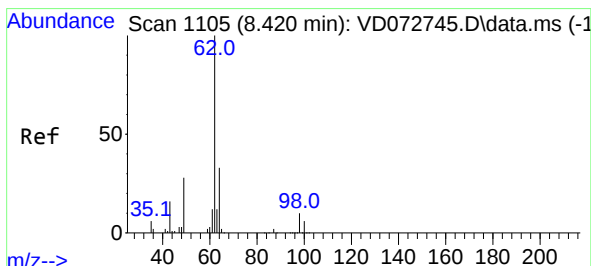
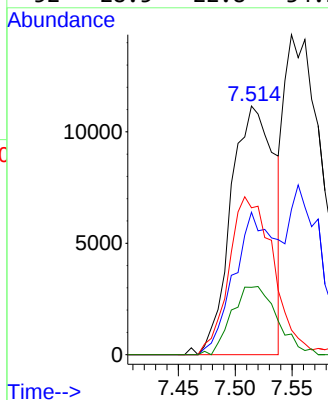
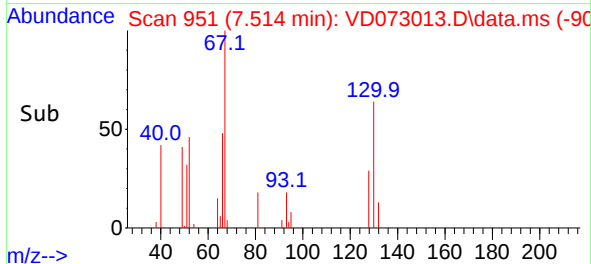
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



Tgt Ion: 41 Resp: 2978
Ion Ratio Lower Upper
41 100
39 53.0 44.6 67.0
67 65.0 48.2 72.4
52 28.5 22.8 34.2

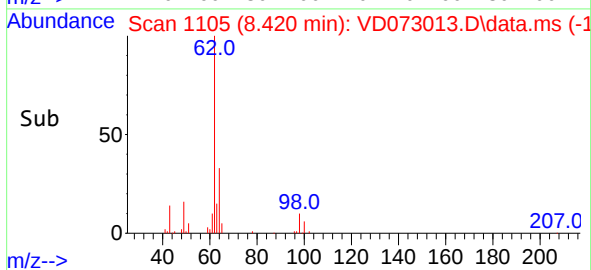
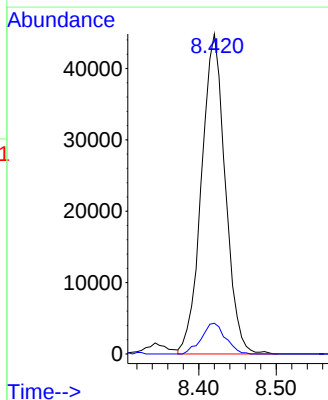
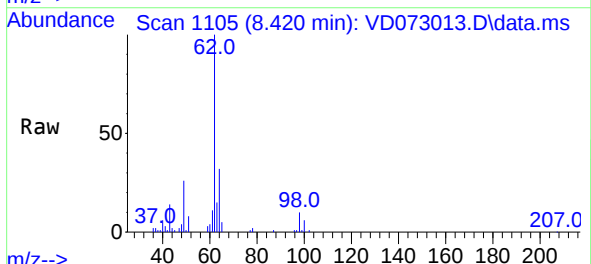
Manual Integrations
APPROVED

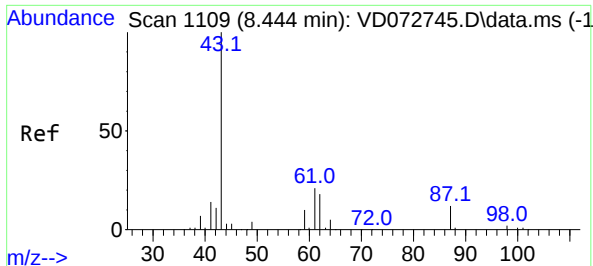
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#42
1,2-Dichloroethane
Concen: 20.235 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Tgt Ion: 62 Resp: 95544
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.6





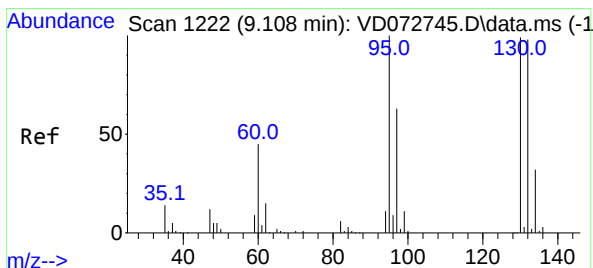
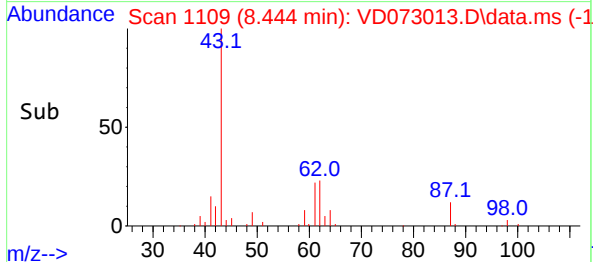
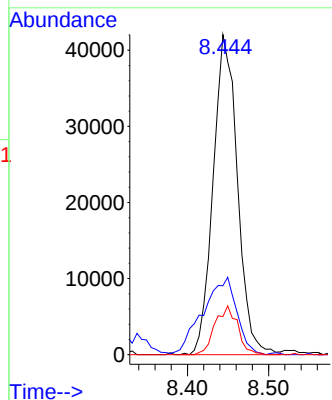
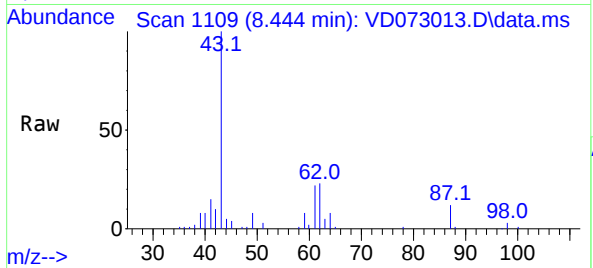
#43
Isopropyl Acetate
Concen: 19.023 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 43 Resp: 8757
Ion Ratio Lower Upper
43 100
61 33.8 22.4 33.6
87 14.3 8.7 13.1

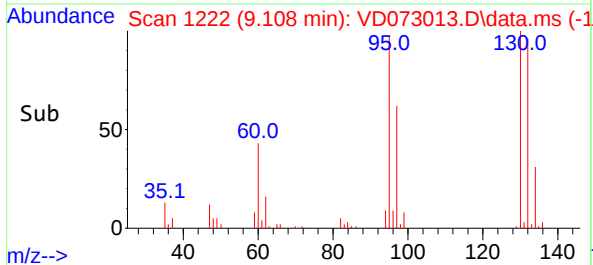
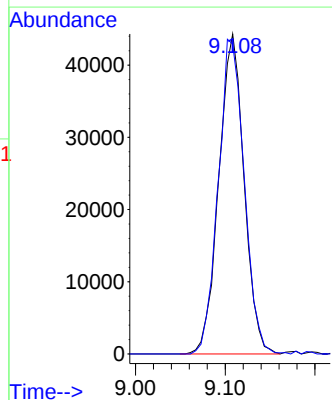
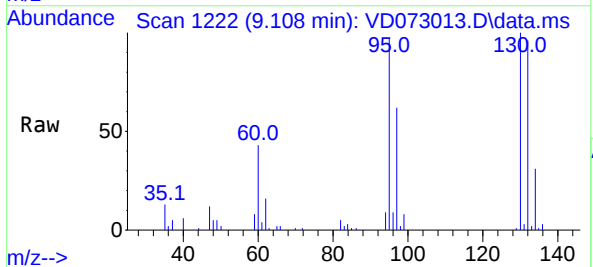
Manual Integrations
APPROVED

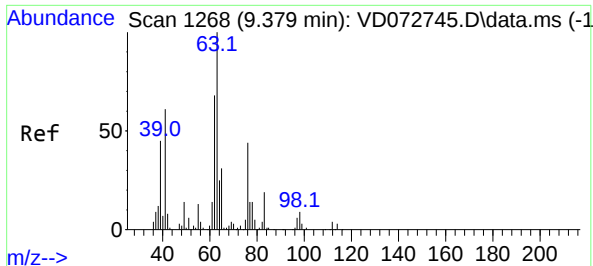
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#44
Trichloroethene
Concen: 20.613 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Tgt Ion:130 Resp: 86408
Ion Ratio Lower Upper
130 100
95 96.9 0.0 205.4





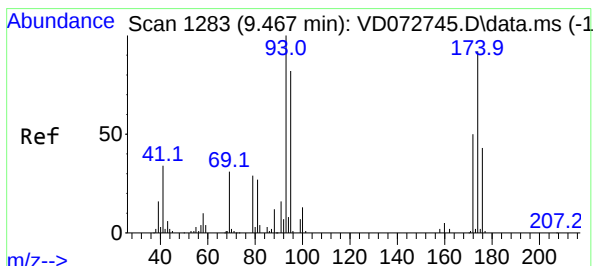
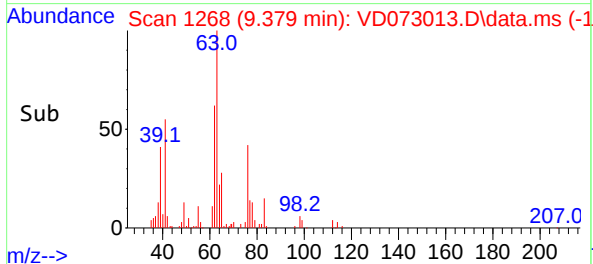
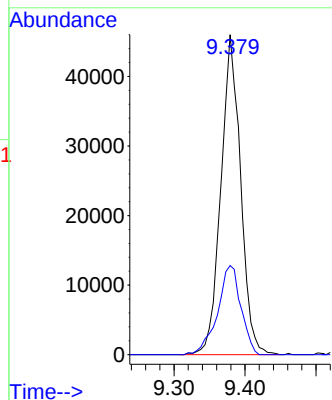
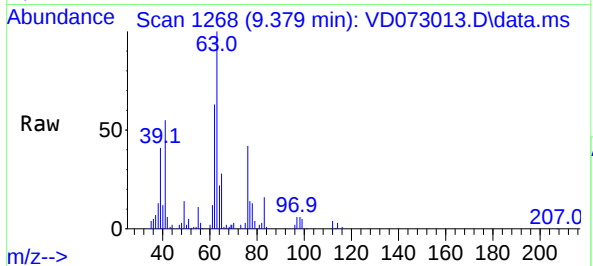
#45
1,2-Dichloropropane
Concen: 21.495 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 63 Resp: 88452
Ion Ratio Lower Upper
63 100
65 27.9 26.2 39.4

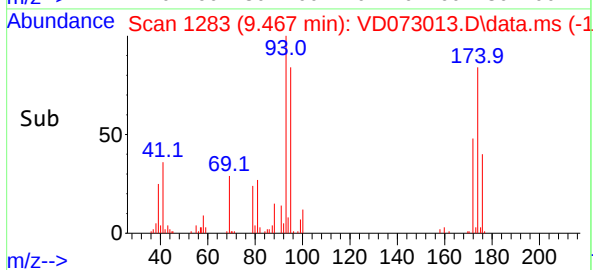
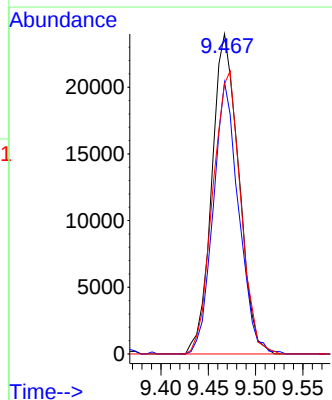
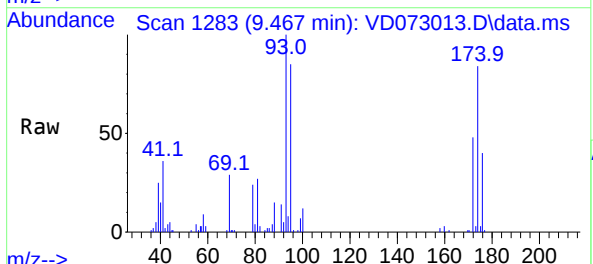
Manual Integrations
APPROVED

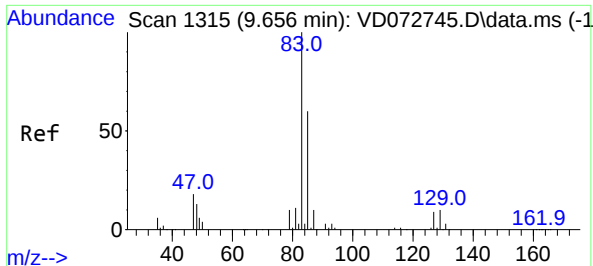
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#46
Dibromomethane
Concen: 20.914 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Tgt Ion: 93 Resp: 47472
Ion Ratio Lower Upper
93 100
95 80.5 66.7 100.1
174 91.3 71.6 107.4





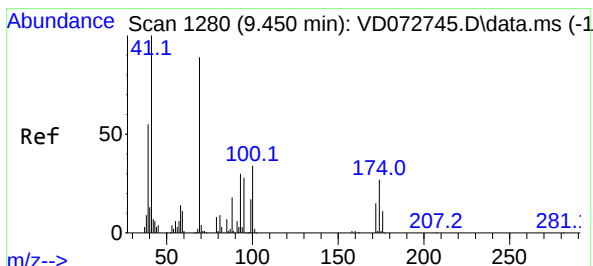
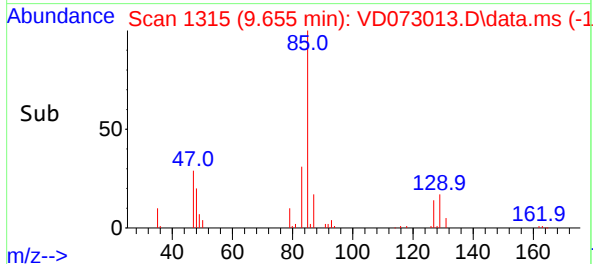
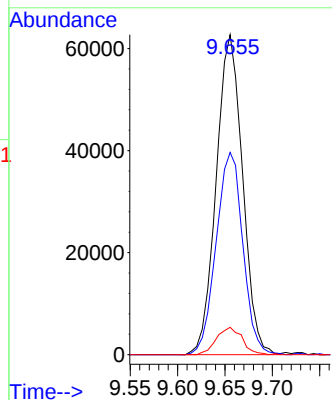
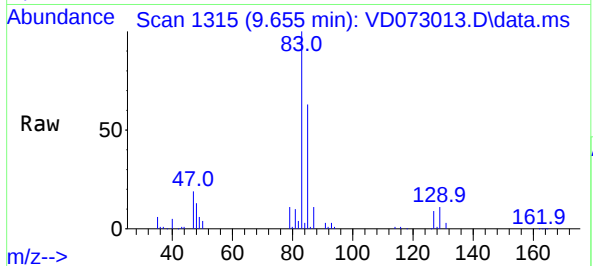
#47
Bromodichloromethane
Concen: 20.796 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 83 Resp: 12143
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.0
127 8.5 6.1 9.1

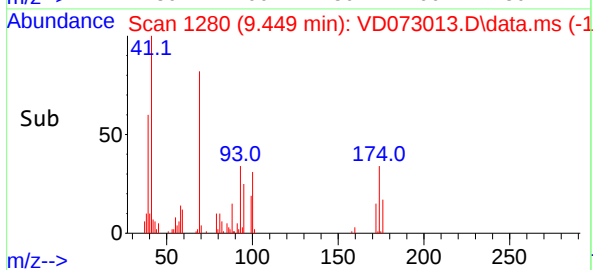
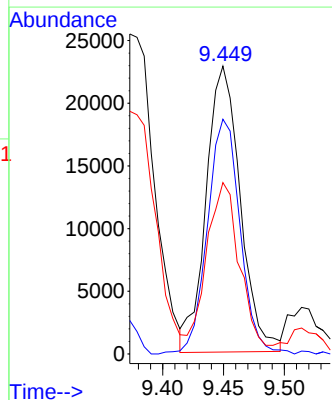
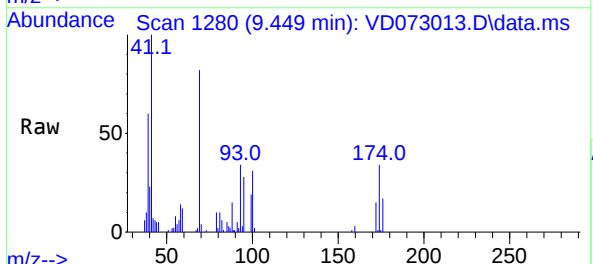
Manual Integrations
APPROVED

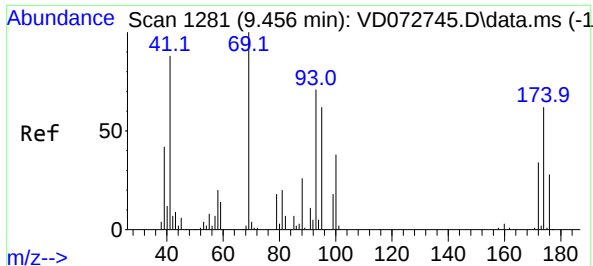
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#48
Methyl methacrylate
Concen: 19.820 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Tgt Ion: 41 Resp: 44639
Ion Ratio Lower Upper
41 100
69 78.5 56.7 85.1
39 57.3 42.7 64.1





#49

1,4-Dioxane

Concen: 349.085 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.001 min

Lab File: VD073013.D

Acq: 14 May 2022 03:24

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS02

Tgt Ion: 88 Resp: 892

Ion Ratio Lower Upper

88 100

43 37.2 31.0 46.4

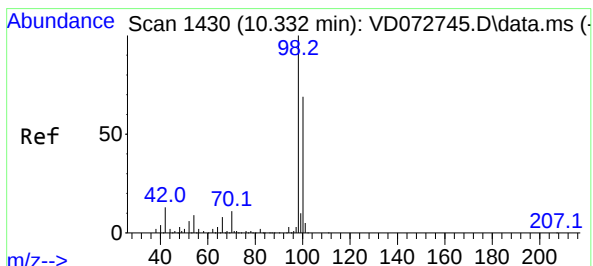
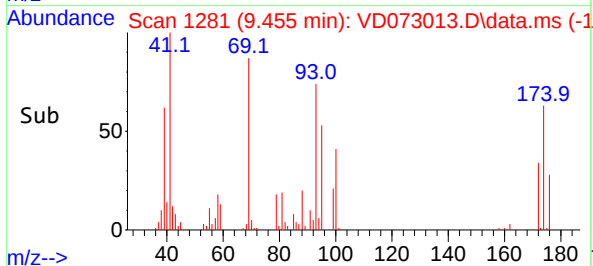
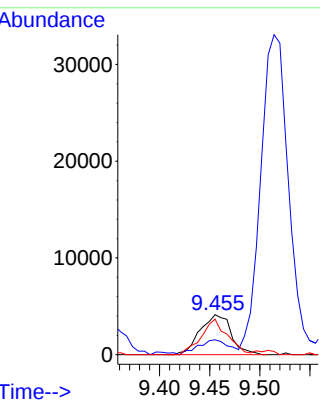
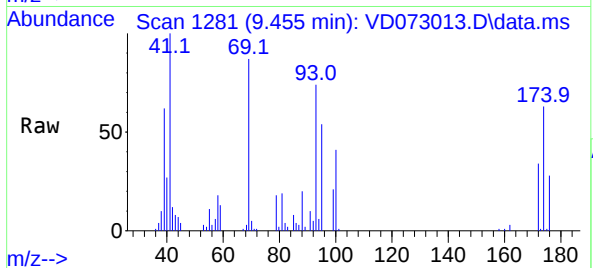
58 75.4 58.1 87.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#50

Toluene-d8

Concen: 52.580 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073013.D

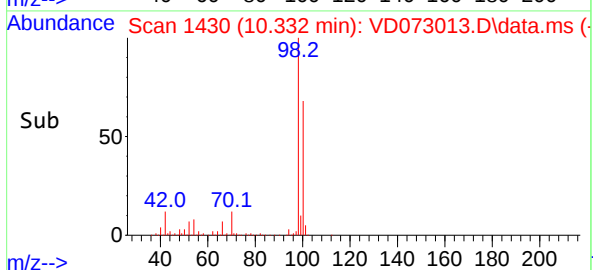
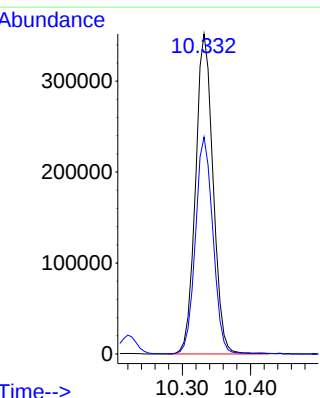
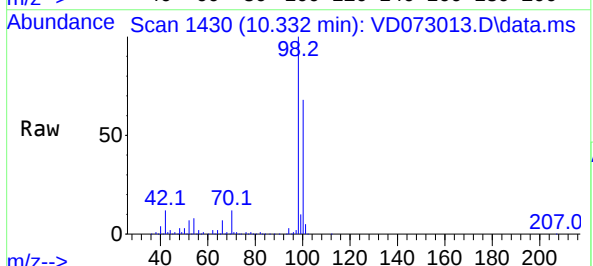
Acq: 14 May 2022 03:24

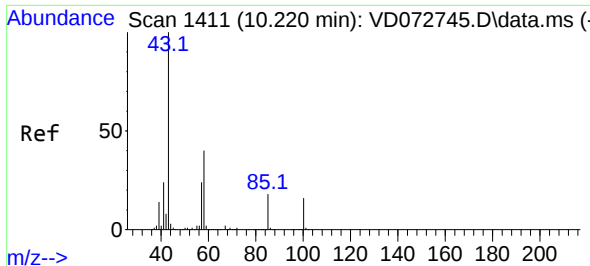
Tgt Ion: 98 Resp: 629370

Ion Ratio Lower Upper

98 100

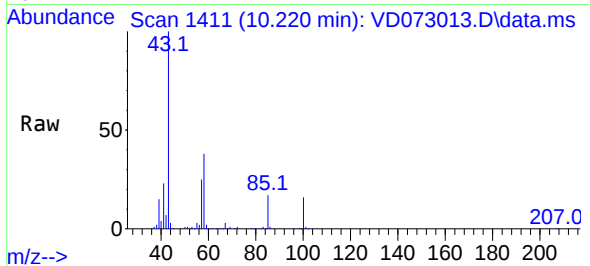
100 67.5 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 97.554 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

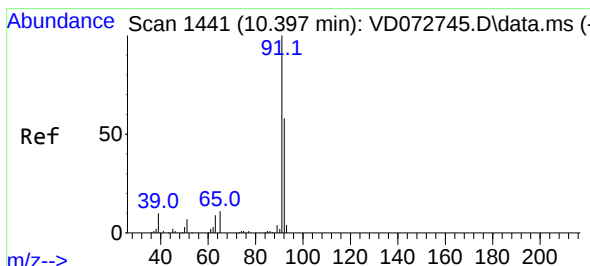
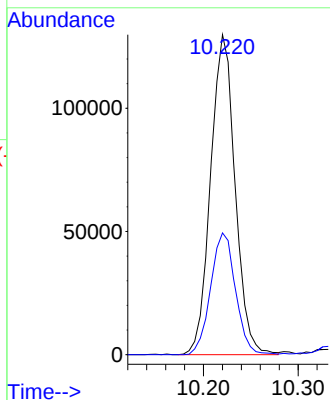
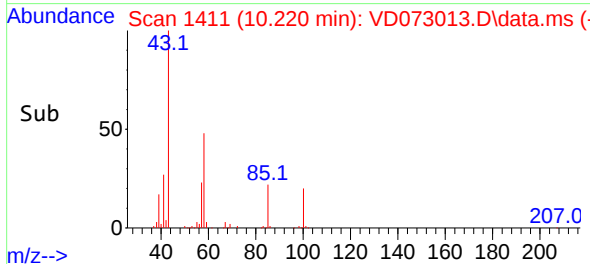
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



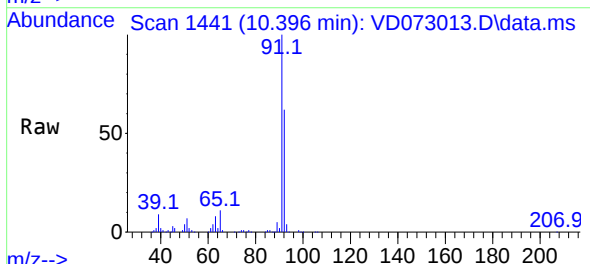
Tgt Ion: 43 Resp: 233375
Ion Ratio Lower Upper
43 100
58 38.7 28.6 43.0

Manual Integrations
APPROVED

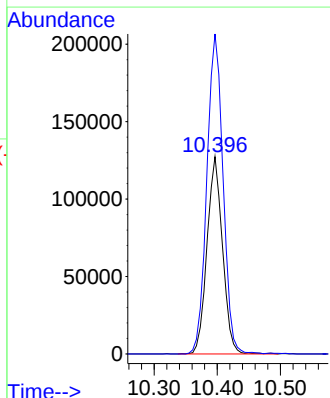
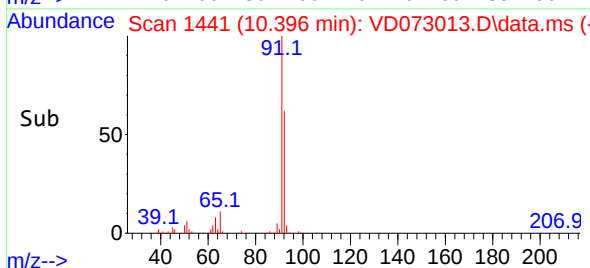
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

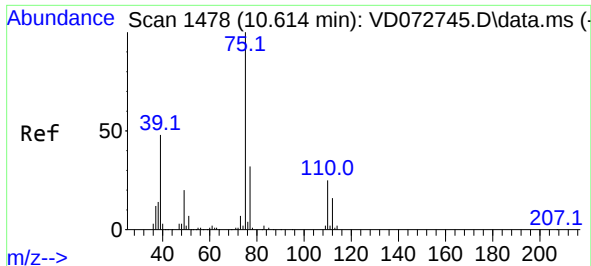


#52
Toluene
Concen: 22.266 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



Tgt Ion: 92 Resp: 217637
Ion Ratio Lower Upper
92 100
91 169.2 139.6 209.4





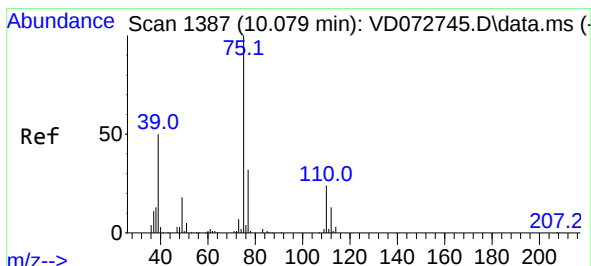
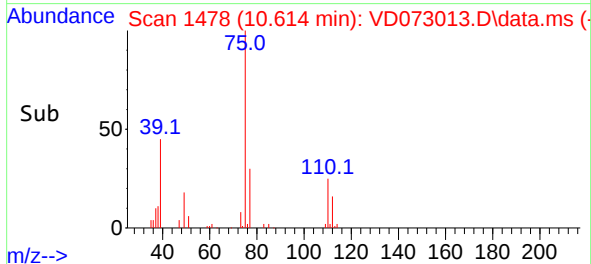
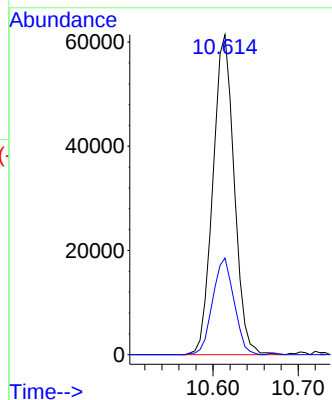
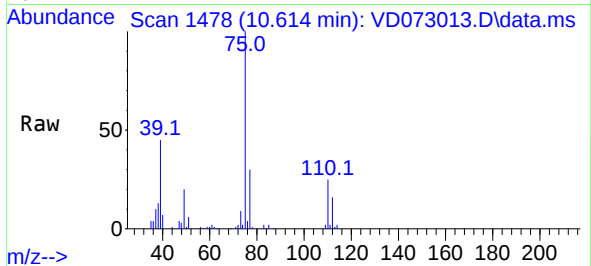
#53
t-1,3-Dichloropropene
Concen: 19.896 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 75 Resp: 10671
Ion Ratio Lower Upper
75 100
77 30.2 24.5 36.7

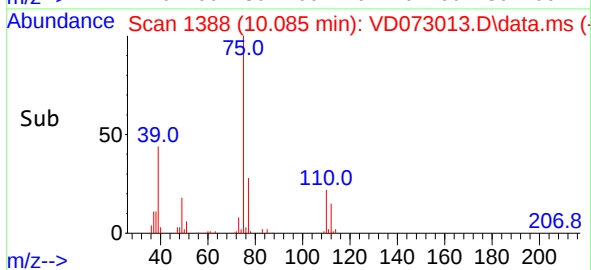
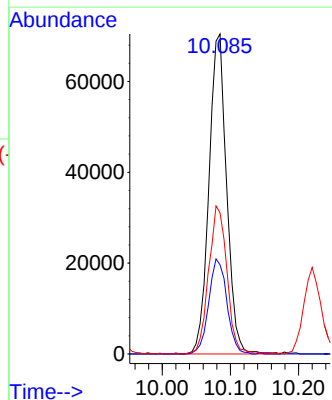
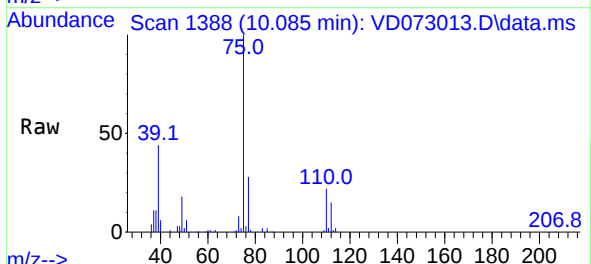
Manual Integrations
APPROVED

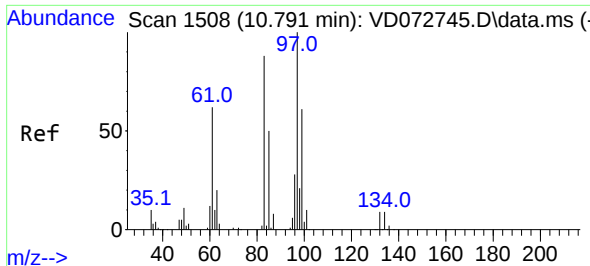
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#54
cis-1,3-Dichloropropene
Concen: 20.385 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Tgt Ion: 75 Resp: 127026
Ion Ratio Lower Upper
75 100
77 27.9 24.8 37.2
39 44.1 46.8 70.2#





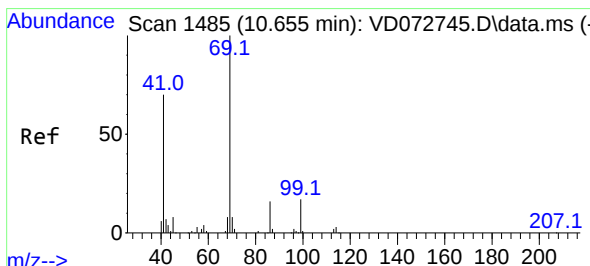
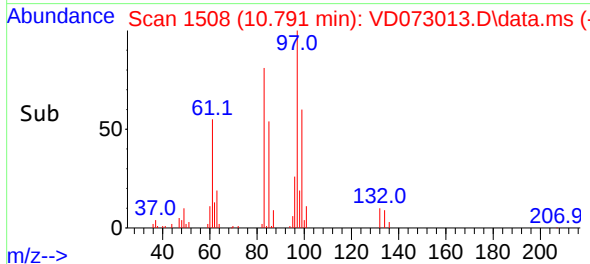
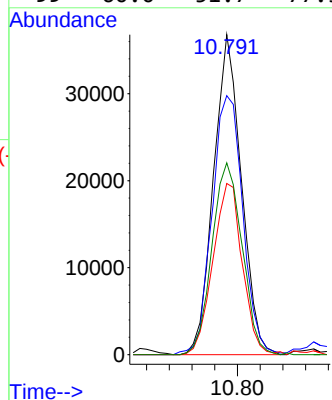
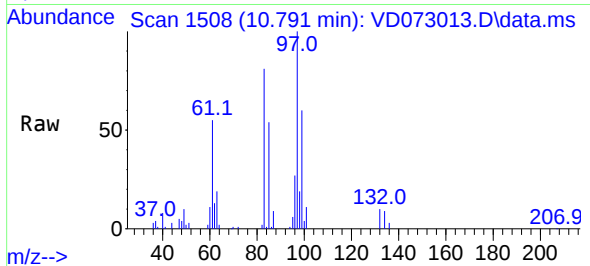
#55
1,1,2-Trichloroethane
Concen: 20.365 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 97	Resp: 6249
Ion Ratio	Lower Upper
97 100	
83 80.4	69.0 103.4
85 53.5	42.6 63.8
99 60.0	51.7 77.5

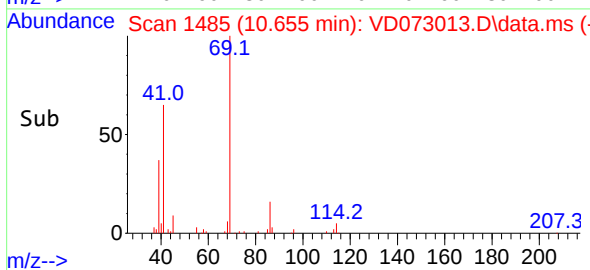
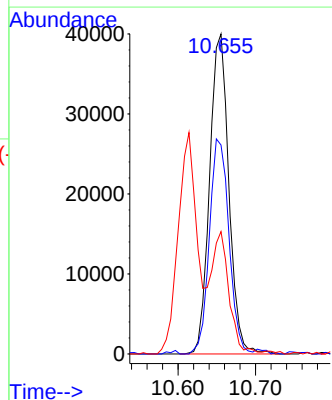
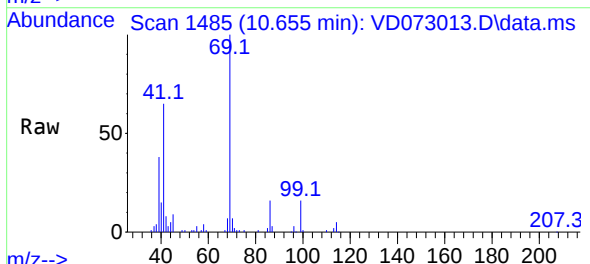
Manual Integrations
APPROVED

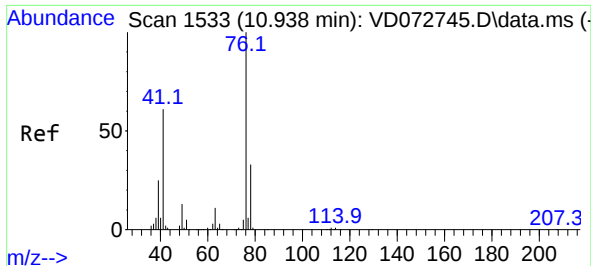
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#56
Ethyl methacrylate
Concen: 19.073 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

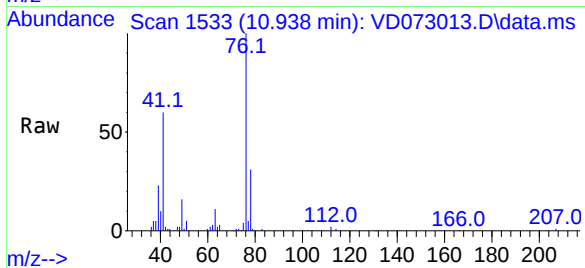
Tgt Ion: 69	Resp: 68912
Ion Ratio	Lower Upper
69 100	
41 68.4	63.0 94.6
39 32.3	33.8 50.8





#57
1,3-Dichloropropane
Concen: 20.549 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

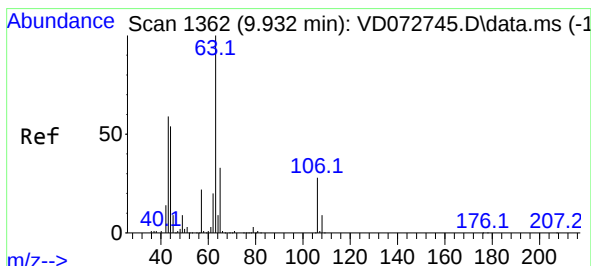
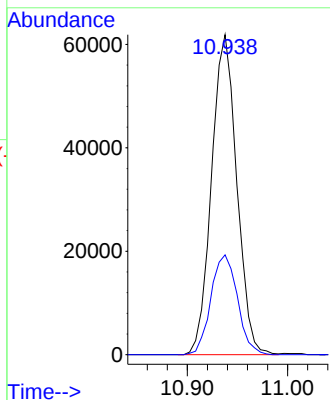
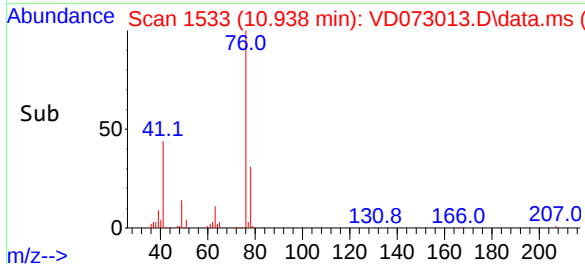
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



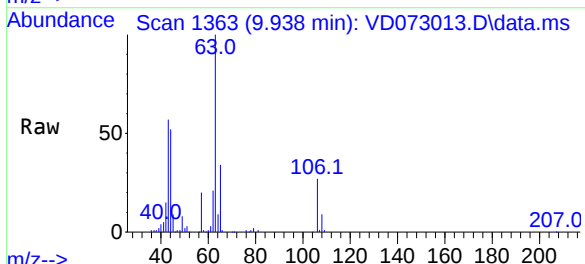
Tgt Ion: 76 Resp: 108208
Ion Ratio Lower Upper
76 100
78 32.8 26.0 39.0

Manual Integrations
APPROVED

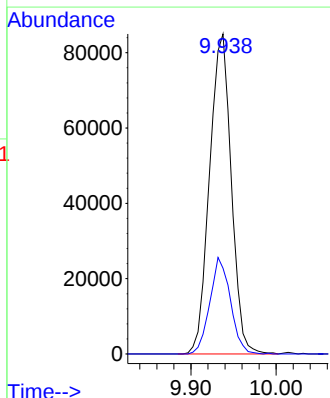
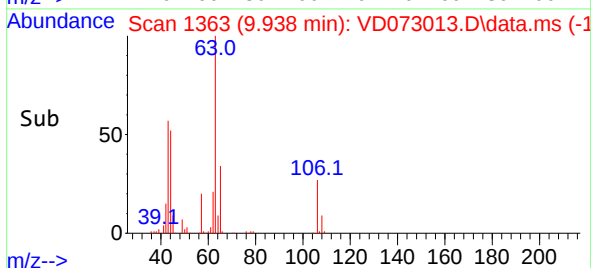
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

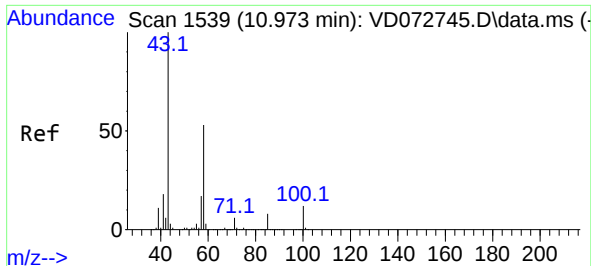


#58
2-Chloroethyl Vinyl ether
Concen: 86.169 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



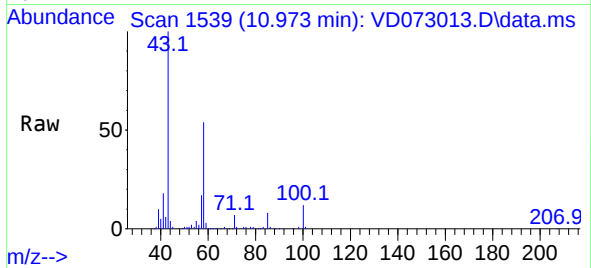
Tgt Ion: 63 Resp: 150944
Ion Ratio Lower Upper
63 100
106 28.5 21.4 32.0





#59
2-Hexanone
Concen: 95.598 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

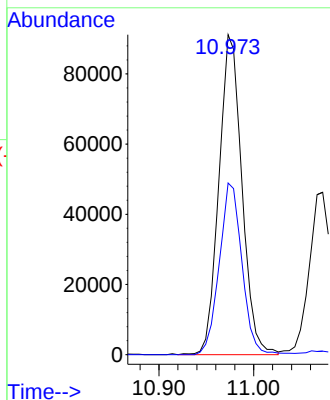
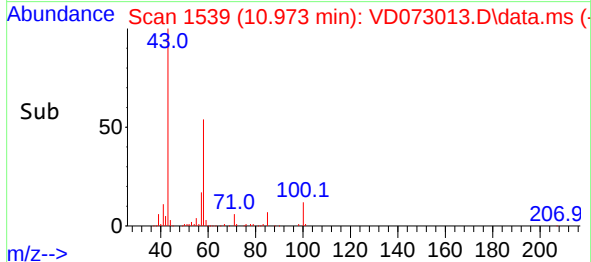
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



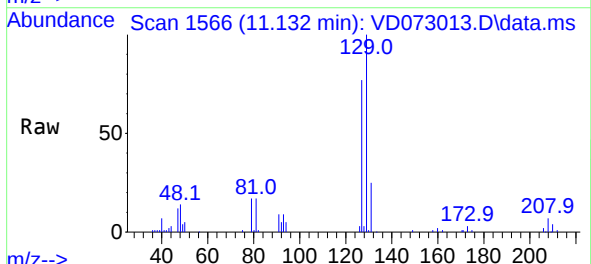
Tgt Ion: 43 Resp: 15388
Ion Ratio Lower Upper
43 100
58 53.0 25.3 75.9

Manual Integrations
APPROVED

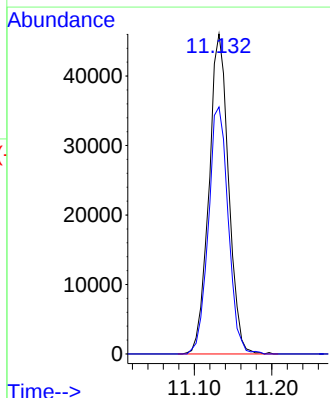
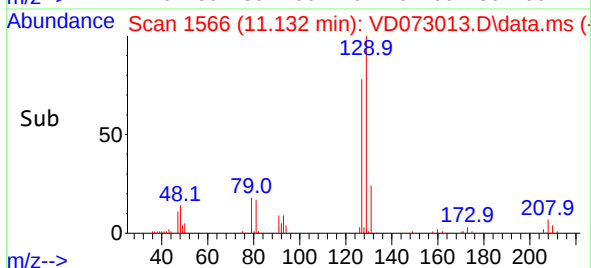
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

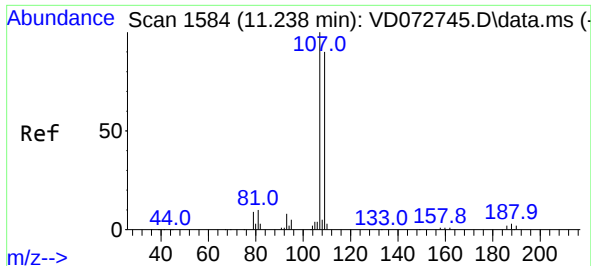


#60
Dibromochloromethane
Concen: 20.987 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



Tgt Ion:129 Resp: 81070
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6





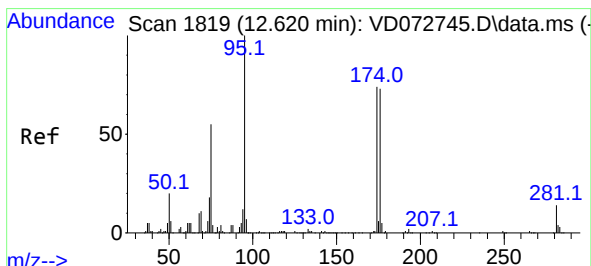
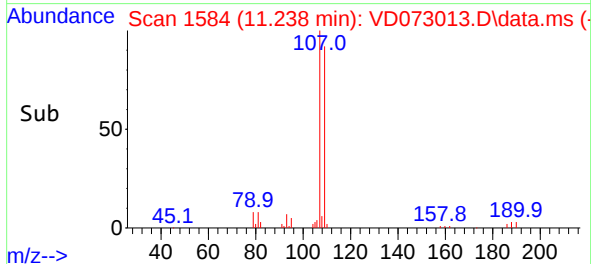
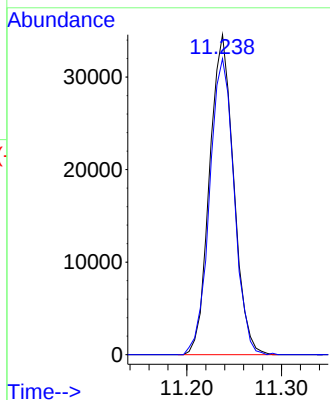
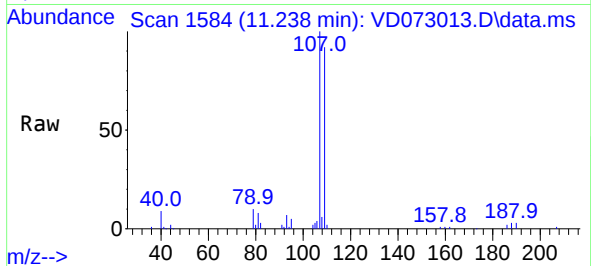
#61
1,2-Dibromoethane
Concen: 20.488 ug/l
RT: 11.238 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion:107 Resp: 6119
Ion Ratio Lower Upper
107 100
109 94.1 74.2 111.4

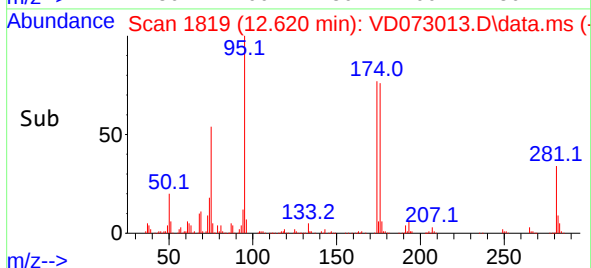
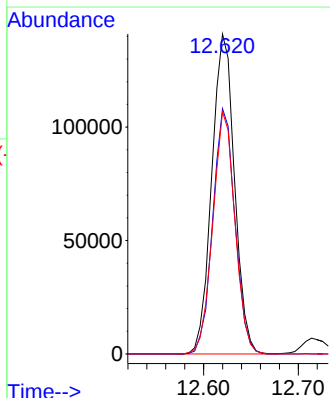
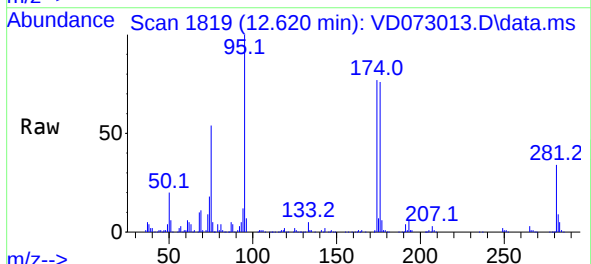
Manual Integrations
APPROVED

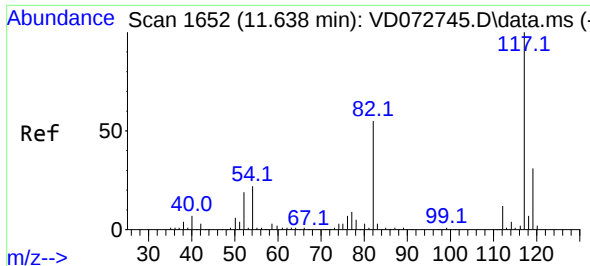
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#62
4-Bromofluorobenzene
Concen: 52.608 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

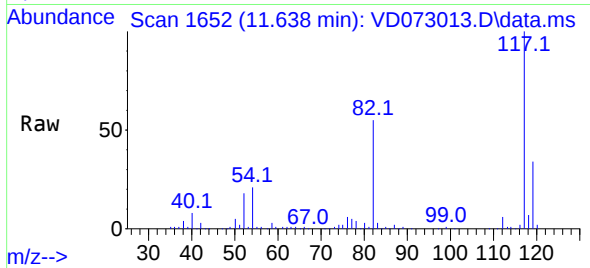
Tgt Ion: 95 Resp: 234800
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 73.6 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

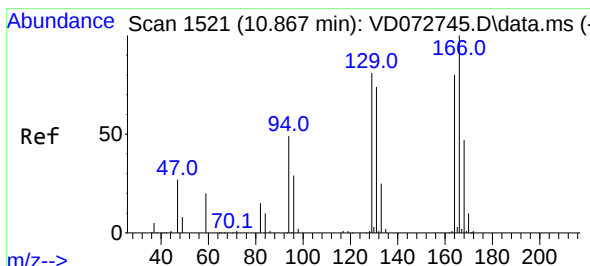
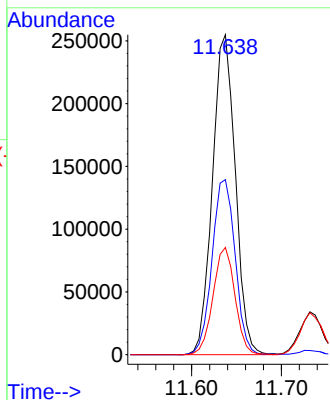
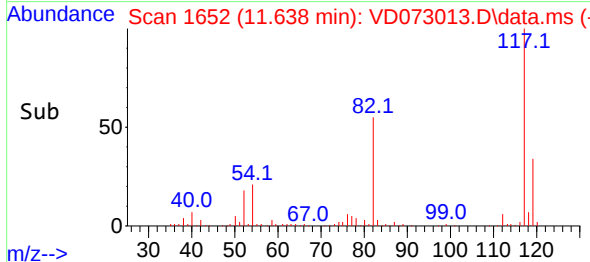
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



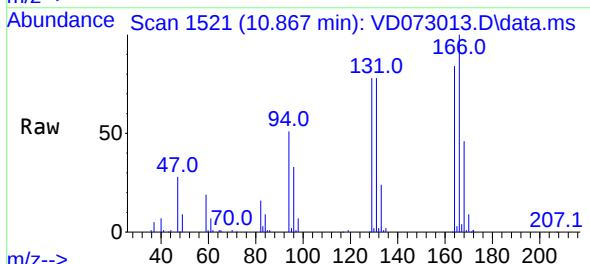
Tgt Ion:117 Resp: 45159
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 33.5 26.6 40.0

Manual Integrations
APPROVED

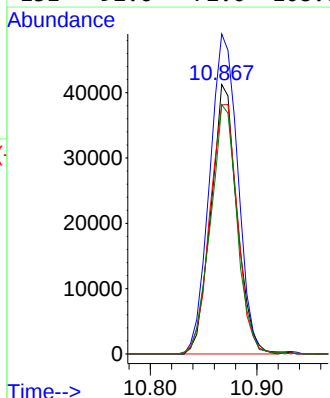
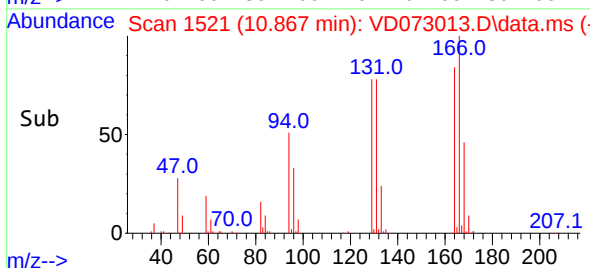
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

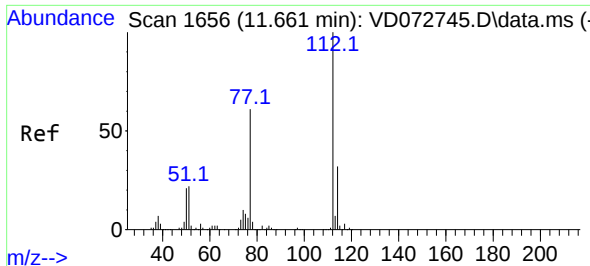


#64
Tetrachloroethene
Concen: 21.167 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



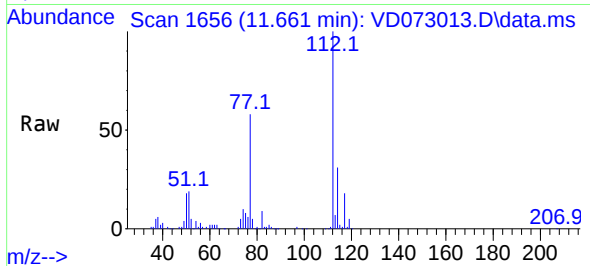
Tgt Ion:164 Resp: 69886
Ion Ratio Lower Upper
164 100
166 118.8 98.5 147.7
129 92.5 74.6 111.8
131 92.6 72.0 108.0





#65
Chlorobenzene
Concen: 21.918 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

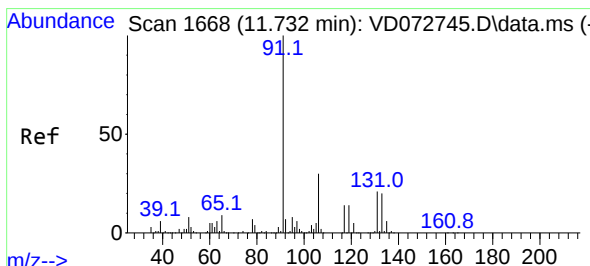
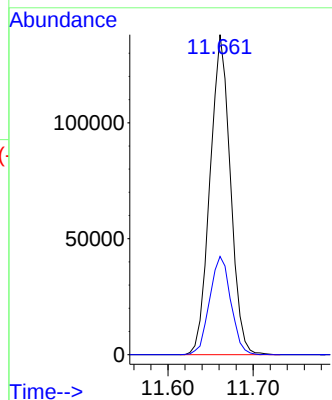
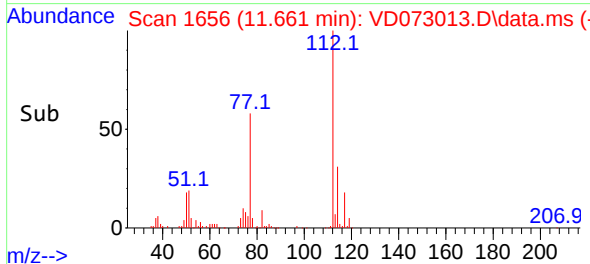
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



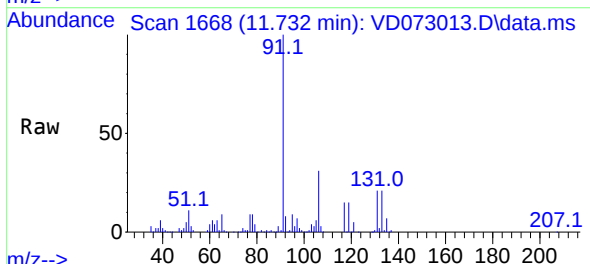
Tgt Ion:112 Resp: 228939
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6

Manual Integrations
APPROVED

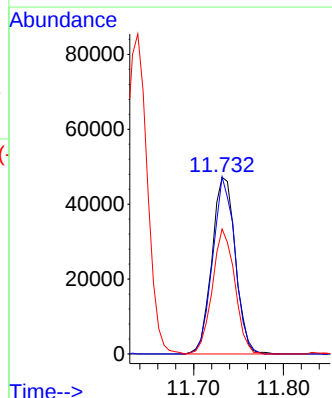
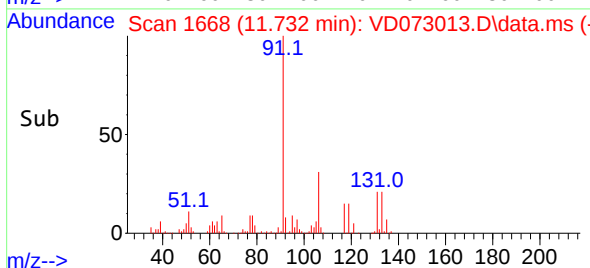
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

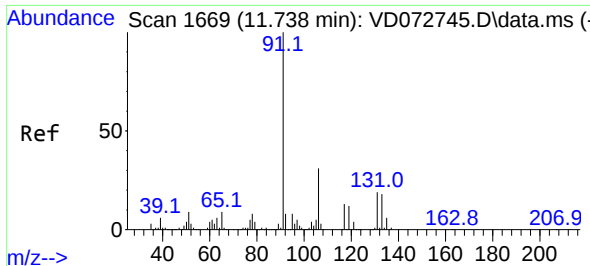


#66
1,1,1,2-Tetrachloroethane
Concen: 21.855 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



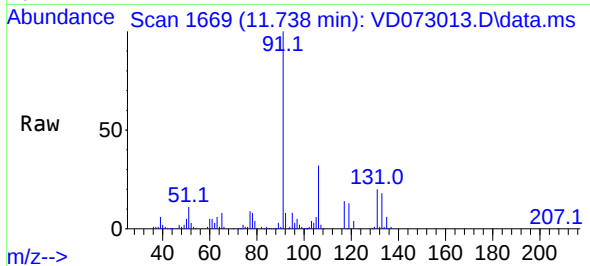
Tgt Ion:131 Resp: 85790
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.3
119 67.6 31.9 95.9





#67
Ethyl Benzene
Concen: 21.572 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

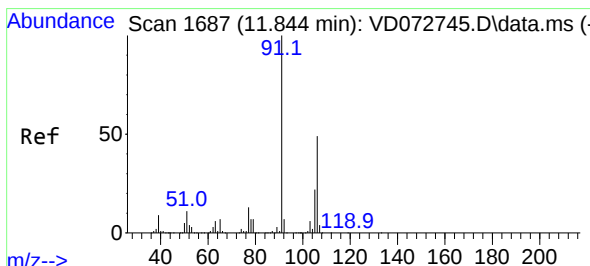
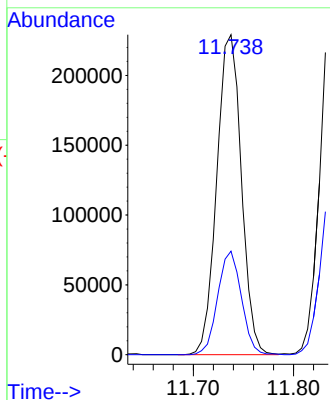
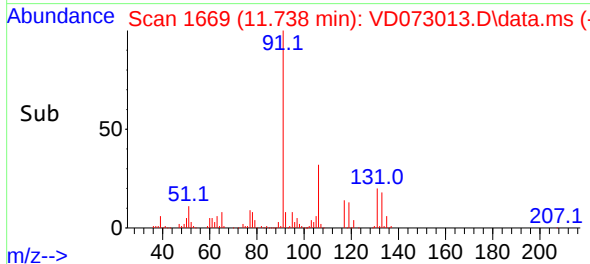
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



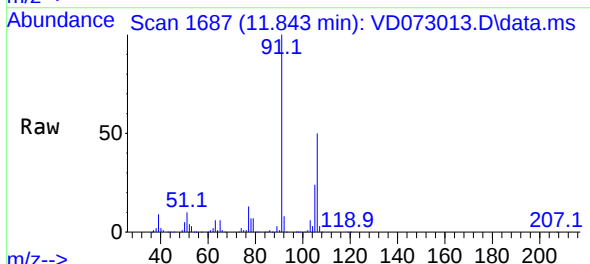
Tgt Ion: 91 Resp: 38993
Ion Ratio Lower Upper
91 100
106 32.4 24.2 36.4

Manual Integrations
APPROVED

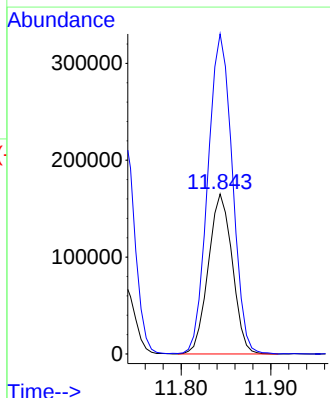
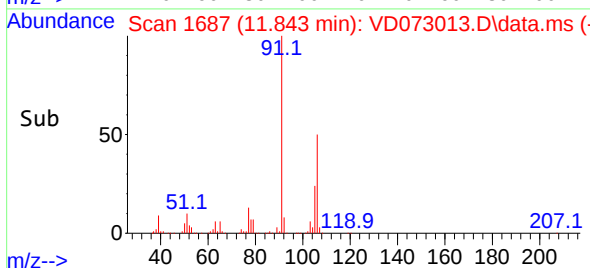
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

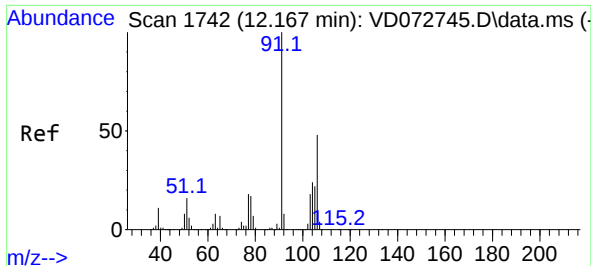


#68
m/p-Xylenes
Concen: 44.075 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



Tgt Ion:106 Resp: 306895
Ion Ratio Lower Upper
106 100
91 204.6 163.7 245.5





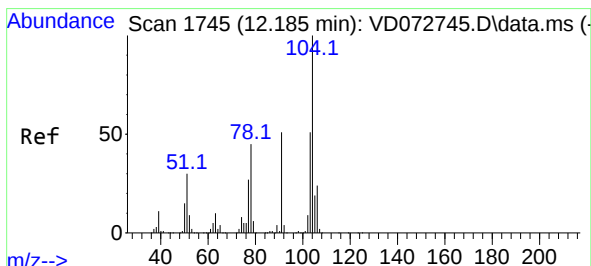
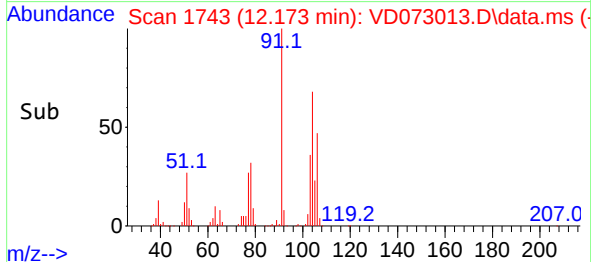
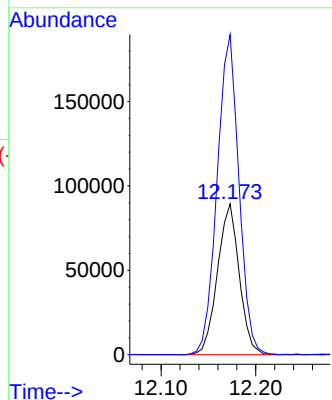
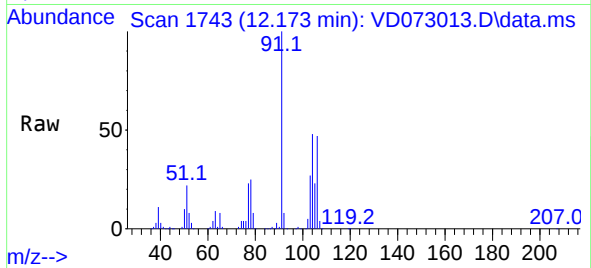
#69
o-Xylene
Concen: 21.933 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion:106 Resp: 142632
Ion Ratio Lower Upper
106 100
91 212.7 110.4 331.2

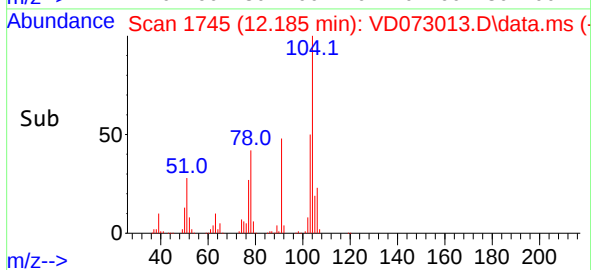
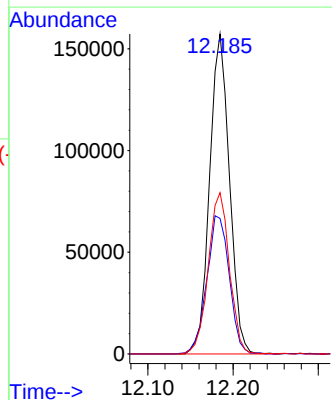
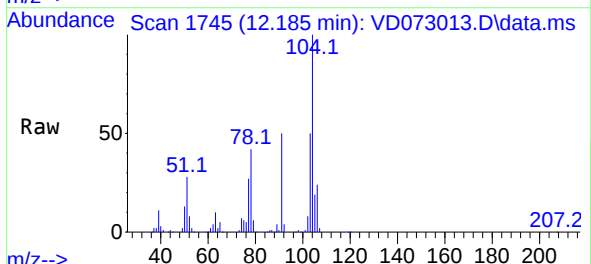
Manual Integrations
APPROVED

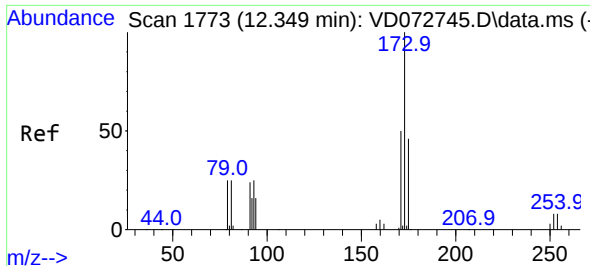
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#70
Styrene
Concen: 22.609 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

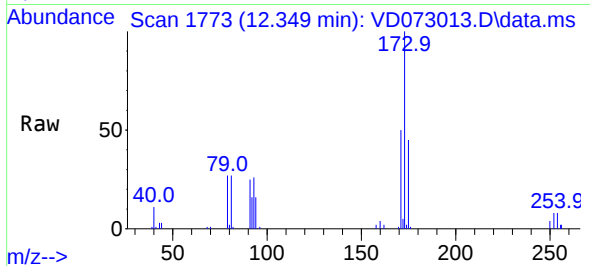
Tgt Ion:104 Resp: 254739
Ion Ratio Lower Upper
104 100
78 48.9 41.8 62.8
103 53.7 44.2 66.4





#71
Bromoform
Concen: 21.249 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

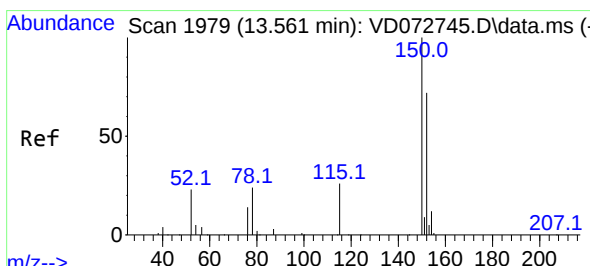
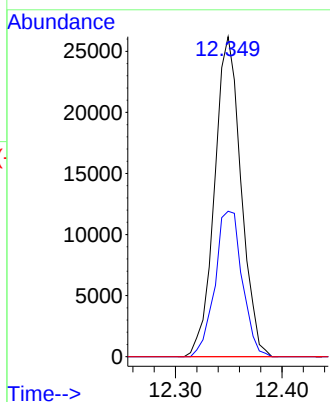
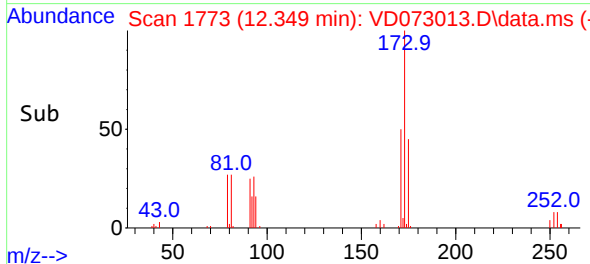
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



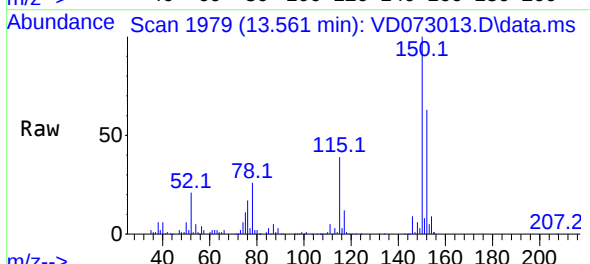
Tgt Ion:173 Resp: 45209
Ion Ratio Lower Upper
173 100
175 46.8 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

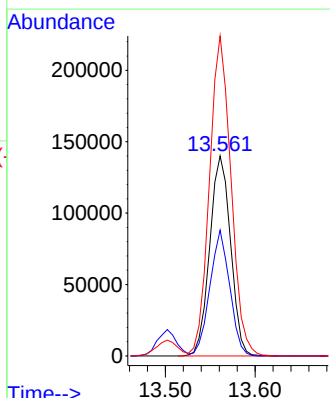
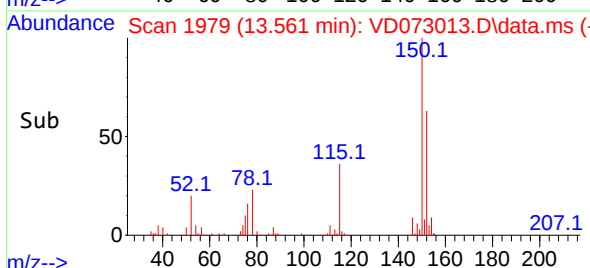
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

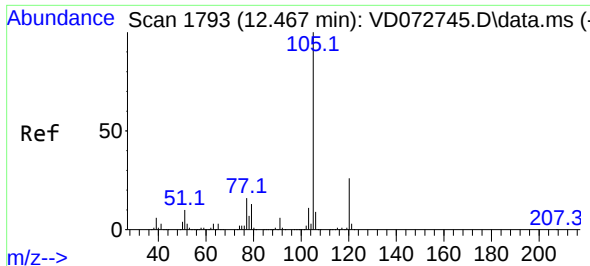


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



Tgt Ion:152 Resp: 226392
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 164.8 0.0 348.6





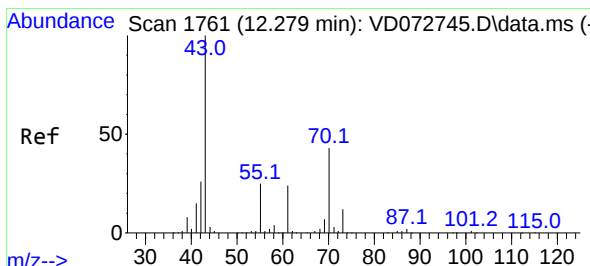
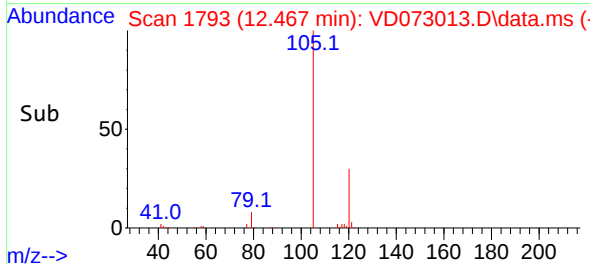
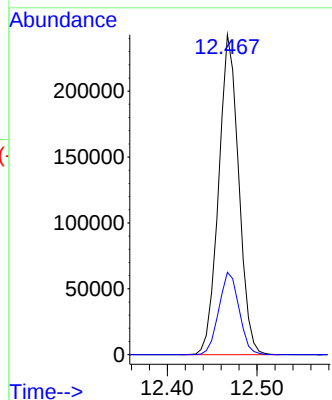
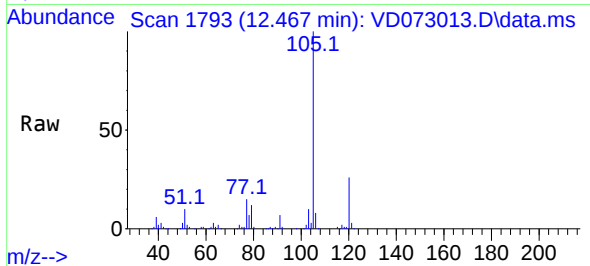
#73
Isopropylbenzene
Concen: 21.417 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion:105 Resp: 37724
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

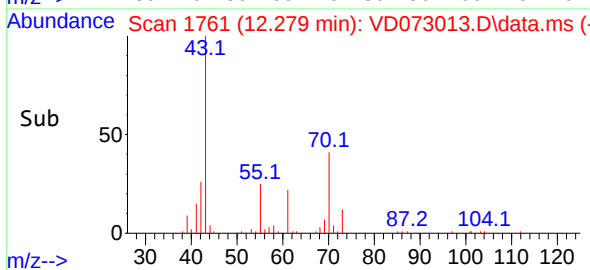
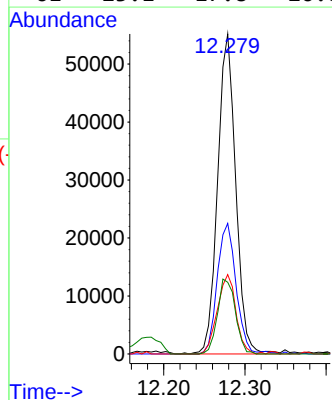
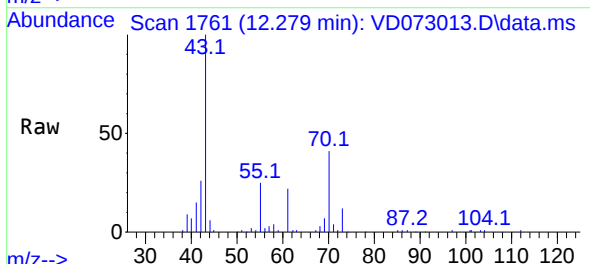
Manual Integrations
APPROVED

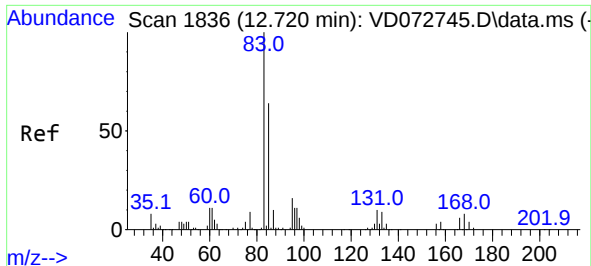
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#74
N-ethyl acetate
Concen: 19.505 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Tgt Ion: 43 Resp: 85557
Ion Ratio Lower Upper
43 100
70 42.7 31.3 46.9
55 25.4 20.0 30.0
61 23.1 17.8 26.8





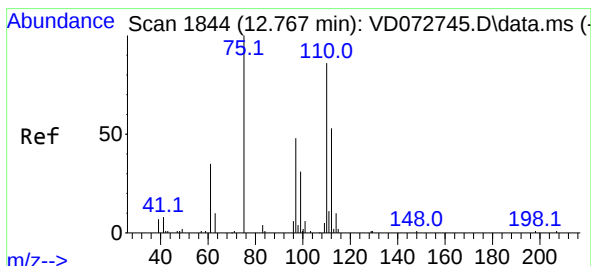
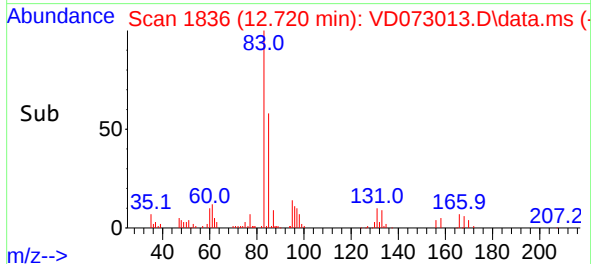
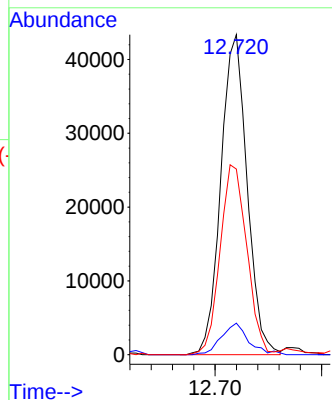
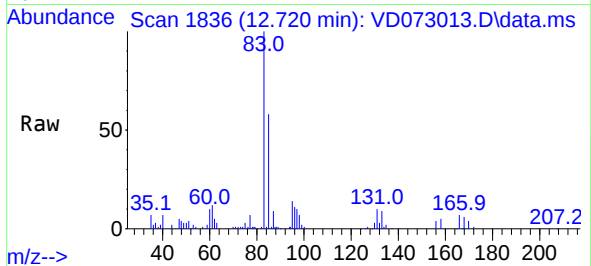
#75
1,1,2,2-Tetrachloroethane
Concen: 20.856 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 83 Resp: 74154
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 60.5 32.6 98.0

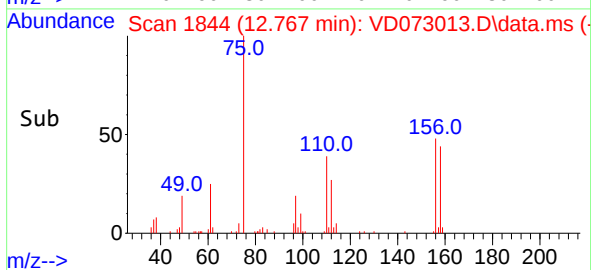
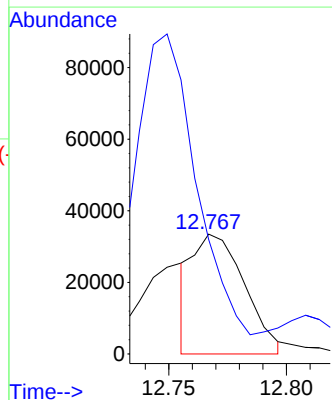
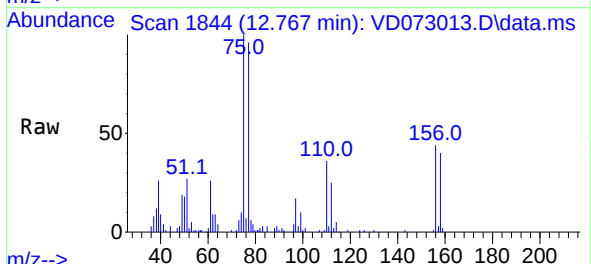
Manual Integrations
APPROVED

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



#76
1,2,3-Trichloropropane
Concen: 20.238 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

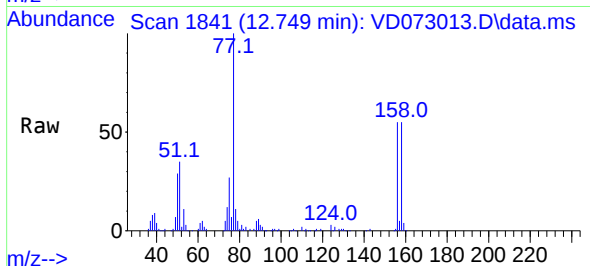
Tgt Ion: 75 Resp: 51088
Ion Ratio Lower Upper
75 100
77 335.6 0.0 0.0#





#77
Bromobenzene
Concen: 21.007 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

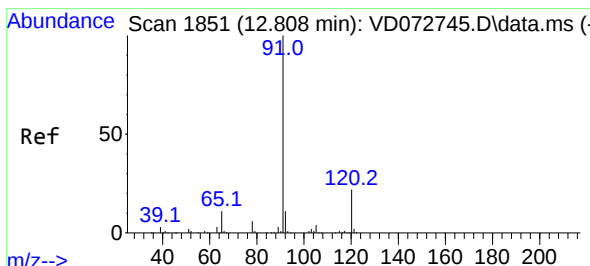
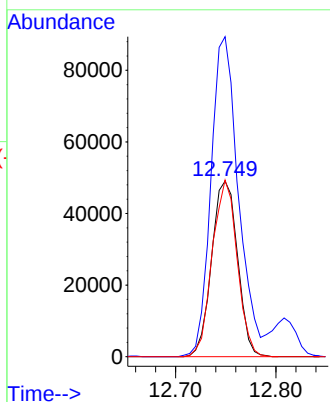
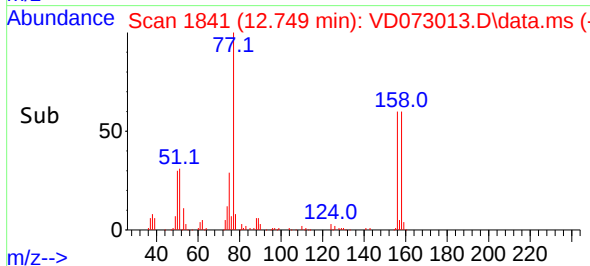
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



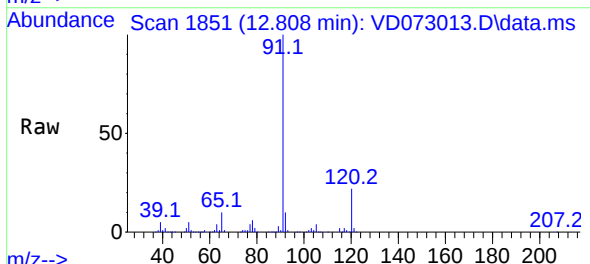
Tgt Ion:156 Resp: 8786
Ion Ratio Lower Upper
156 100
77 195.1 102.8 308.3
158 97.0 48.7 146.1

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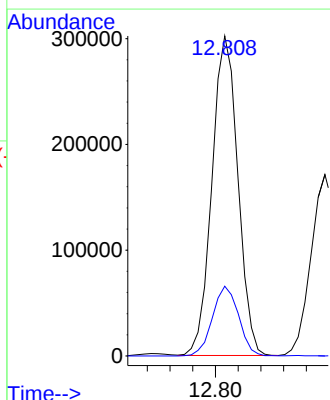
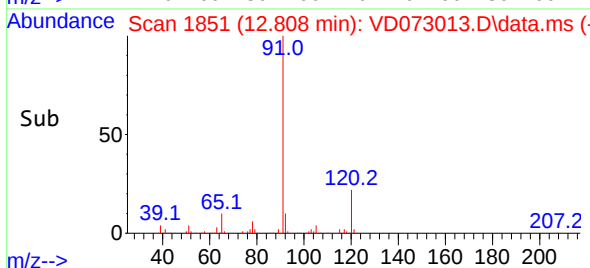
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

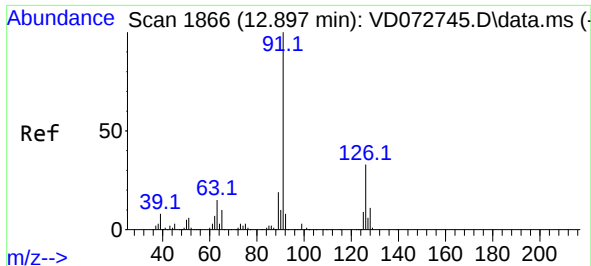


#78
n-propylbenzene
Concen: 21.564 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



Tgt Ion: 91 Resp: 478704
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





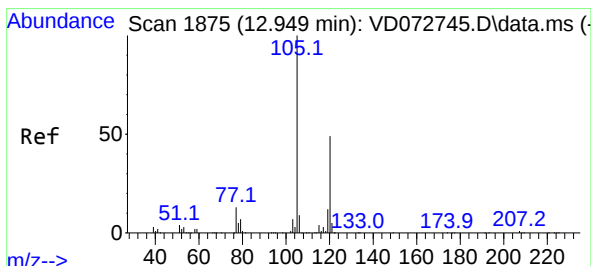
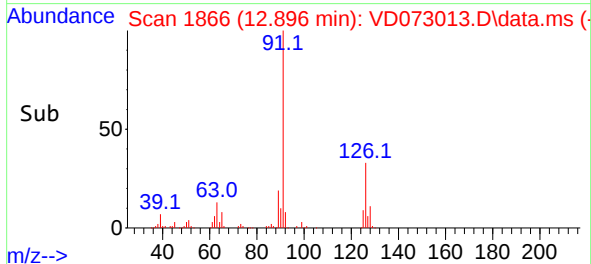
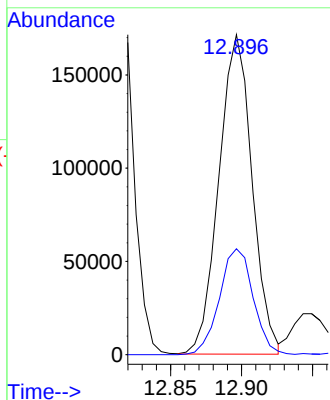
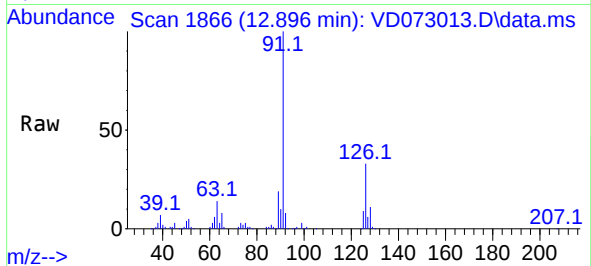
#79
2-Chlorotoluene
Concen: 21.481 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 91 Resp: 27856
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6

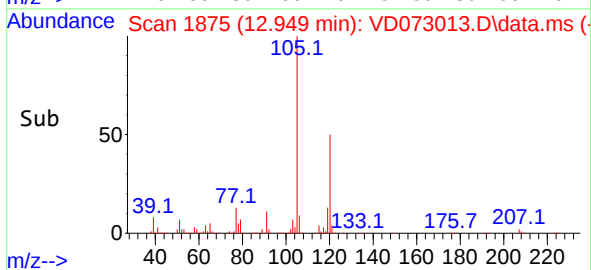
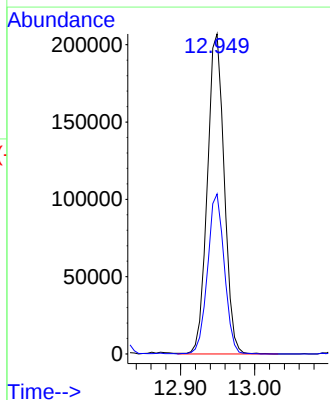
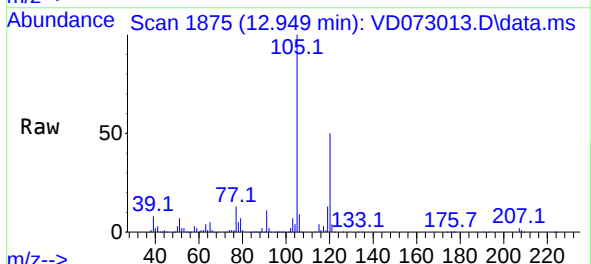
Manual Integrations
APPROVED

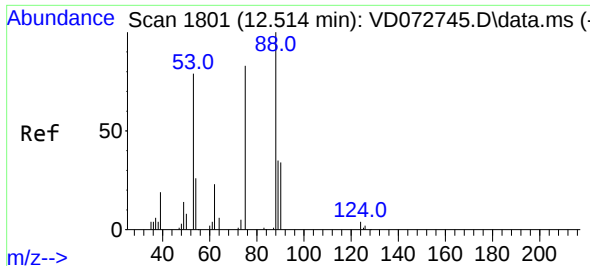
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.875 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Tgt Ion:105 Resp: 326712
Ion Ratio Lower Upper
105 100
120 49.7 24.3 72.8





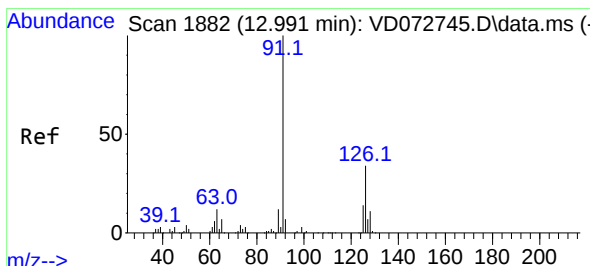
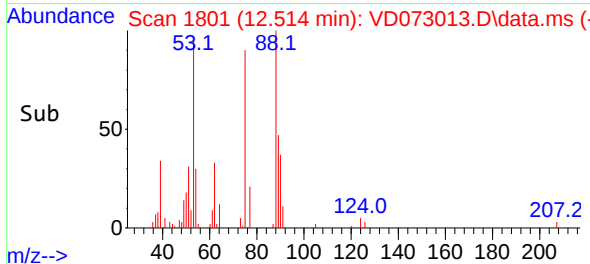
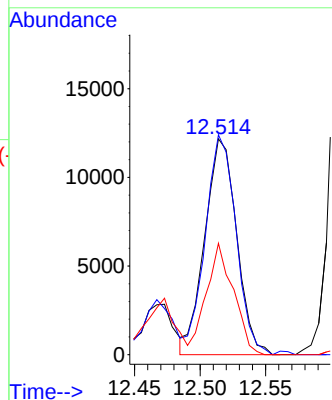
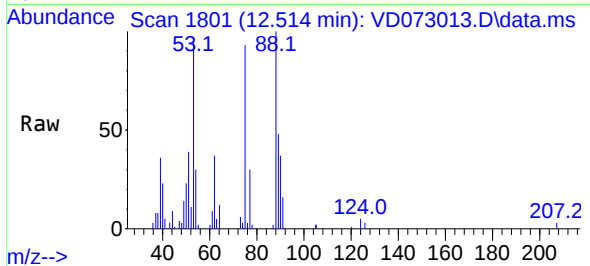
#81
trans-1,4-Dichloro-2-butene
Concen: 18.740 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 75 Resp: 20572
Ion Ratio Lower Upper
75 100
53 98.5 86.5 129.7
89 44.2 33.9 50.9

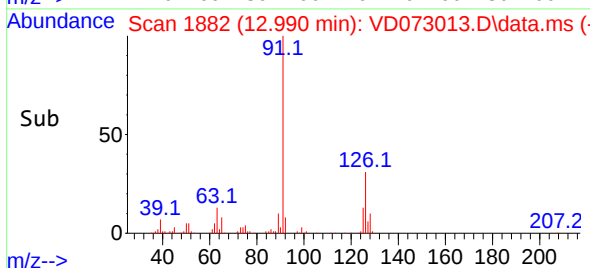
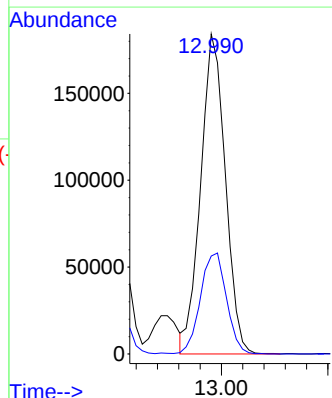
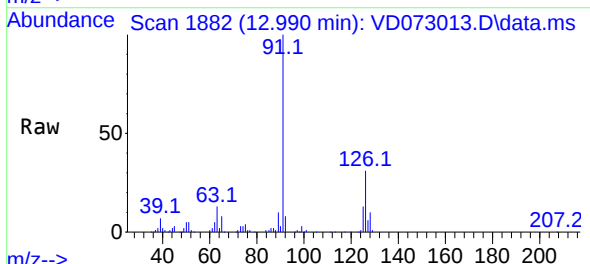
Manual Integrations
APPROVED

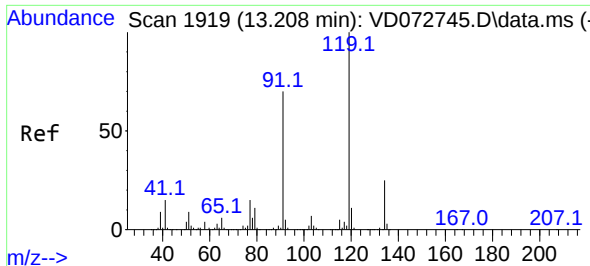
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#82
4-Chlorotoluene
Concen: 21.839 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

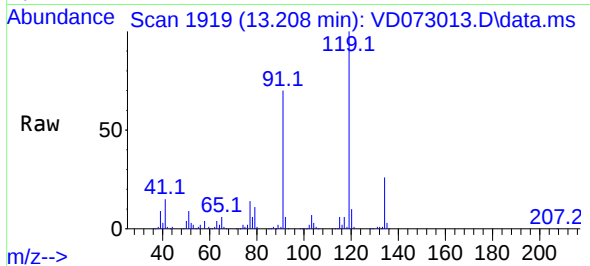
Tgt Ion: 91 Resp: 295907
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5





#83
tert-Butylbenzene
Concen: 21.300 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

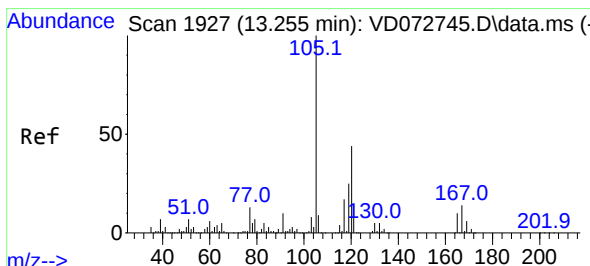
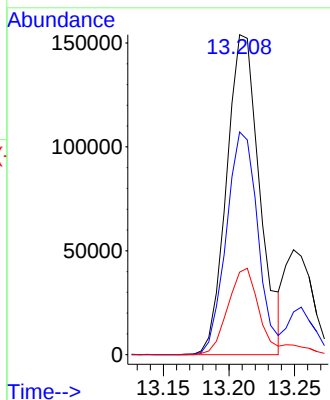
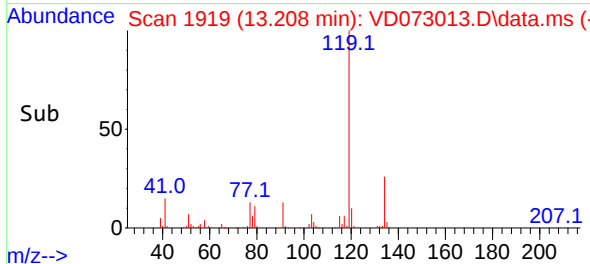
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



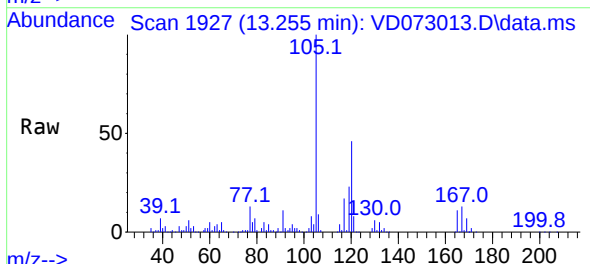
Tgt Ion:119 Resp: 270458
Ion Ratio Lower Upper
119 100
91 66.5 34.8 104.5
134 27.4 13.3 39.9

Manual Integrations
APPROVED

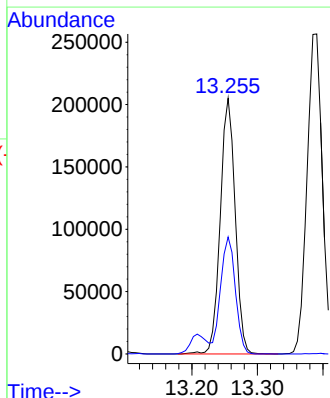
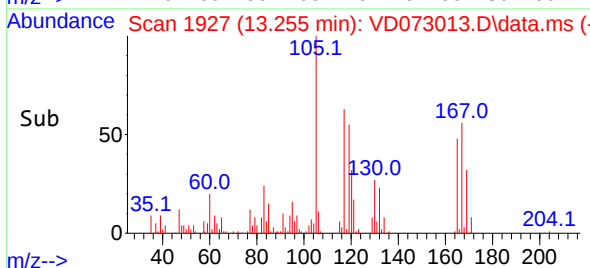
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

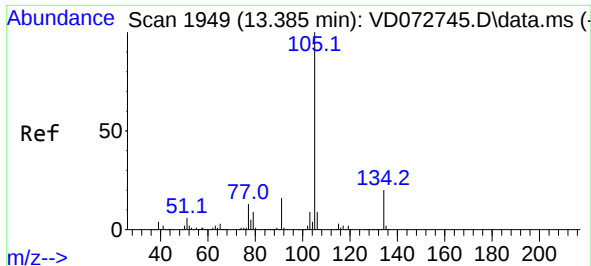


#84
1,2,4-Trimethylbenzene
Concen: 21.628 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



Tgt Ion:105 Resp: 322882
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.8





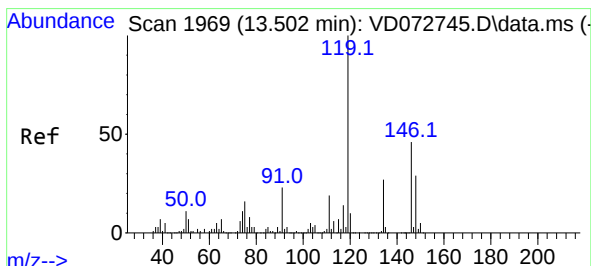
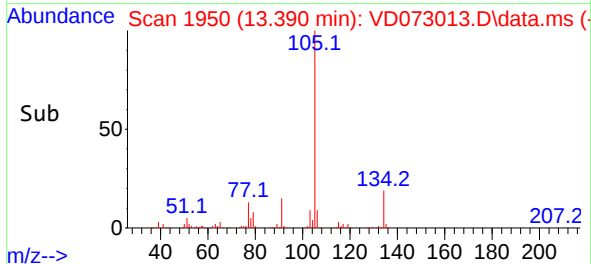
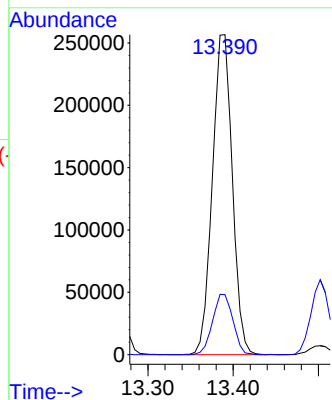
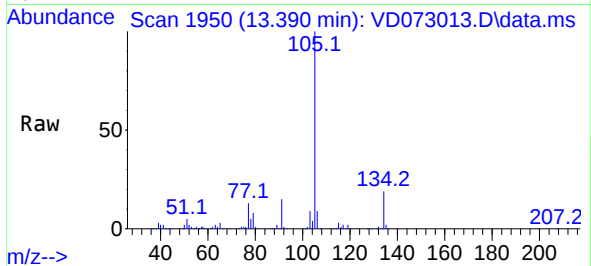
#85
 sec-Butylbenzene
 Concen: 21.772 ug/l
 RT: 13.390 min Scan# 1949
 Delta R.T. 0.005 min
 Lab File: VD073013.D
 Acq: 14 May 2022 03:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS02

Tgt Ion:105 Resp: 41695
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

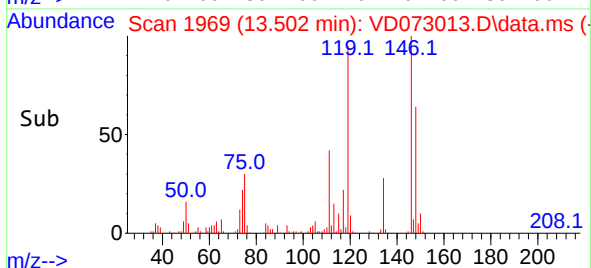
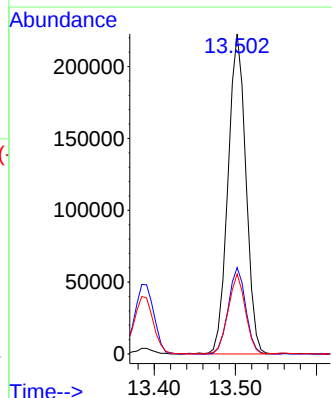
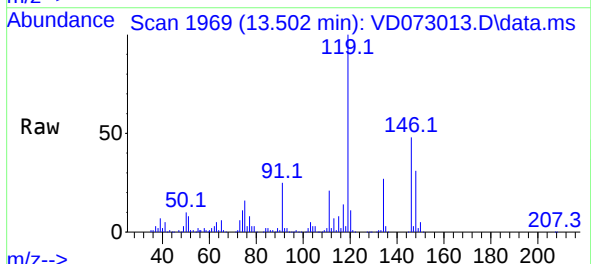
Manual Integrations
 APPROVED

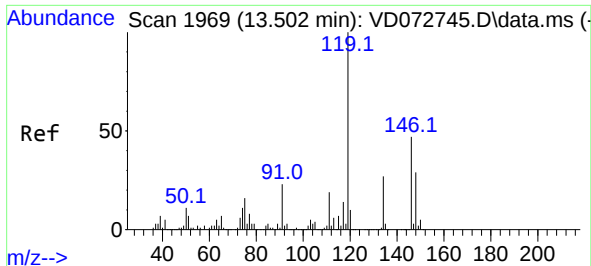
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022



#86
 p-Isopropyltoluene
 Concen: 21.708 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073013.D
 Acq: 14 May 2022 03:24

Tgt Ion:119 Resp: 340856
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.912 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073013.D

Acq: 14 May 2022 03:24

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS02

Tgt Ion:146 Resp: 18463

Ion Ratio Lower Upper

146 100

111 40.3 20.4 61.3

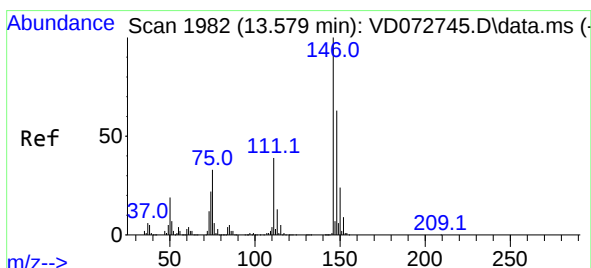
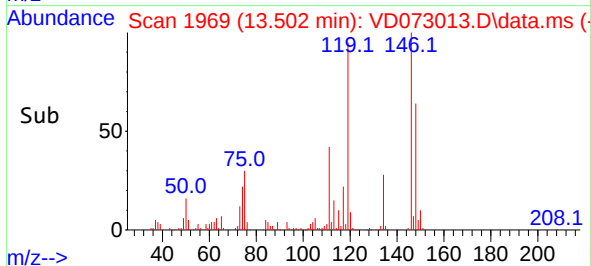
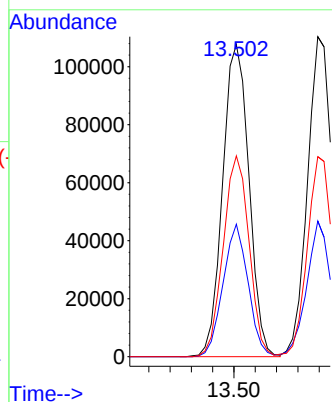
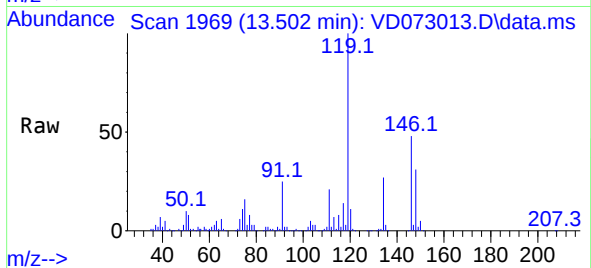
148 63.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#88

1,4-Dichlorobenzene

Concen: 21.416 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073013.D

Acq: 14 May 2022 03:24

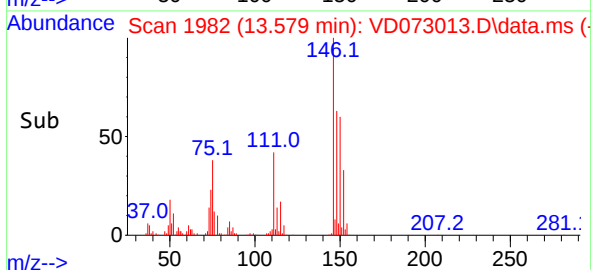
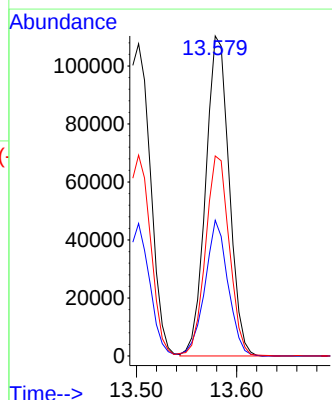
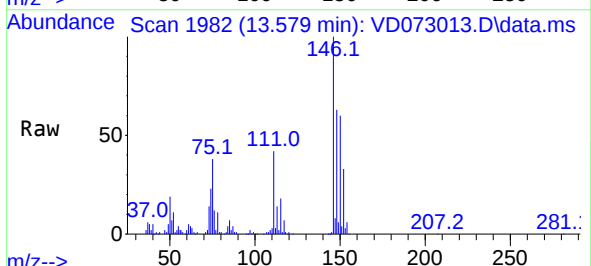
Tgt Ion:146 Resp: 179701

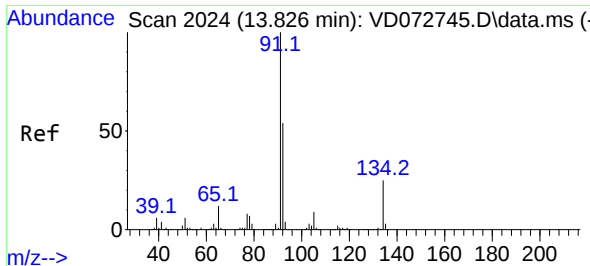
Ion Ratio Lower Upper

146 100

111 41.7 20.3 60.9

148 63.6 31.7 95.1





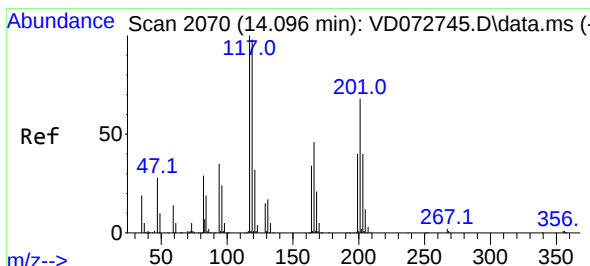
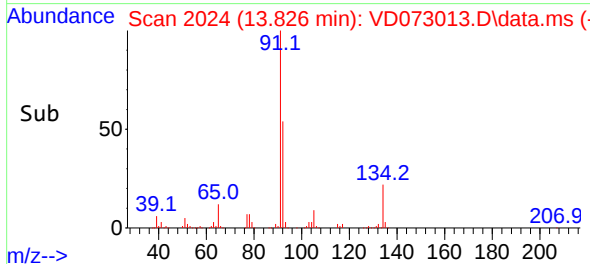
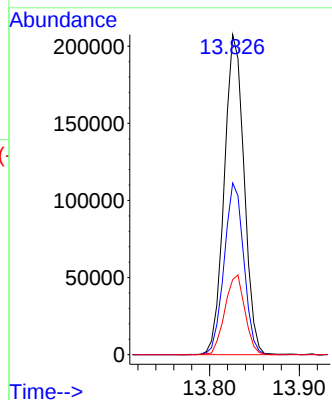
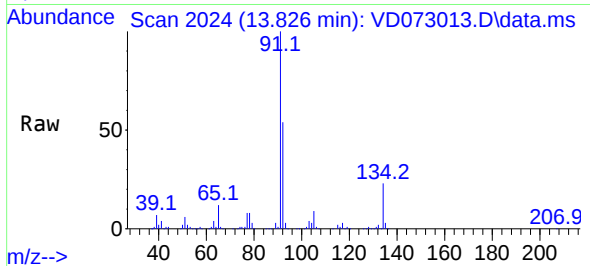
#89
n-Butylbenzene
Concen: 20.891 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion: 91 Resp: 31775
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 25.2 12.3 36.9

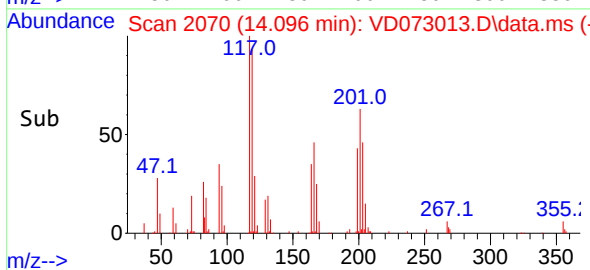
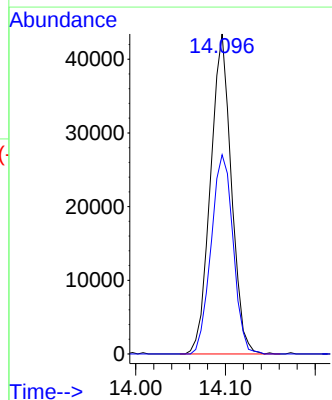
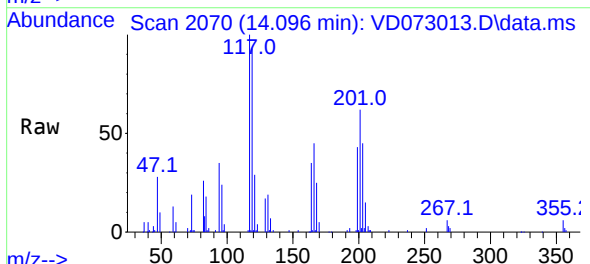
Manual Integrations
APPROVED

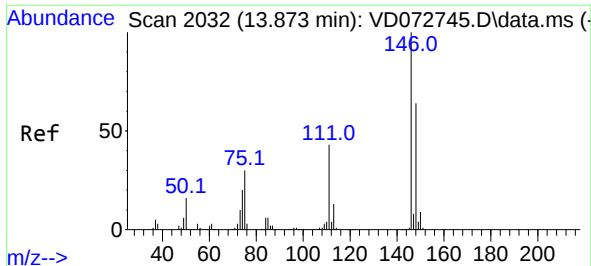
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#90
Hexachloroethane
Concen: 21.784 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Tgt Ion:117 Resp: 70073
Ion Ratio Lower Upper
117 100
201 65.7 33.4 100.2





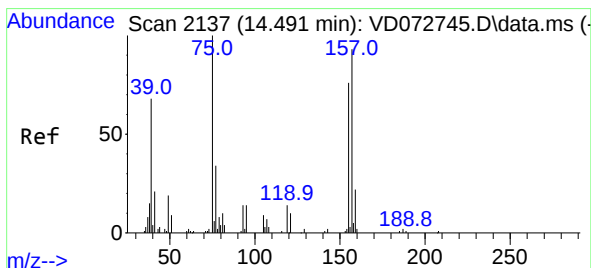
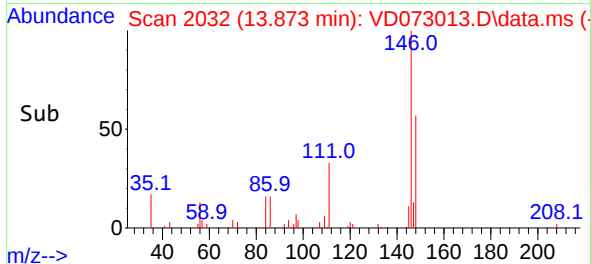
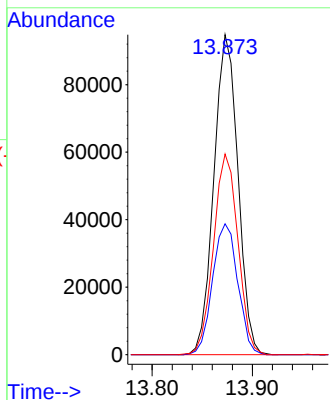
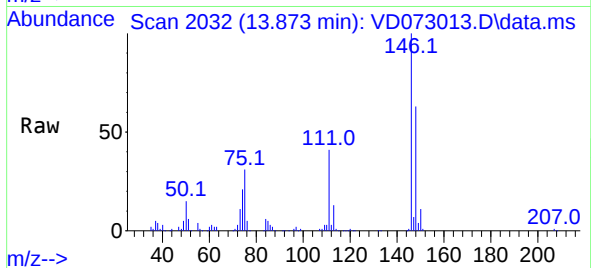
#91
1,2-Dichlorobenzene
Concen: 21.532 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02

Tgt Ion:146 Resp: 15811
Ion Ratio Lower Upper
146 100
111 42.9 21.1 63.3
148 63.7 31.7 95.1

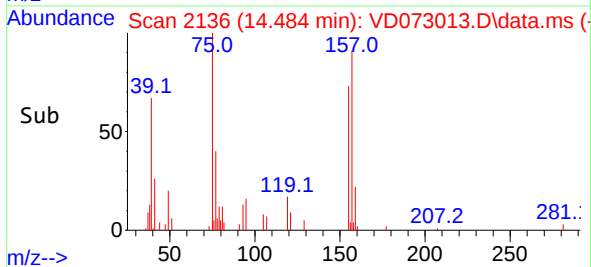
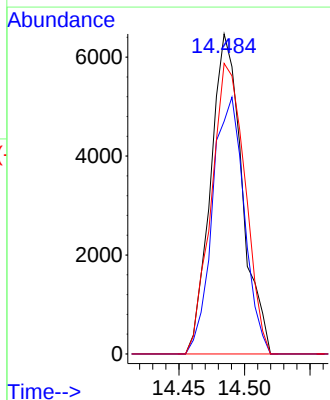
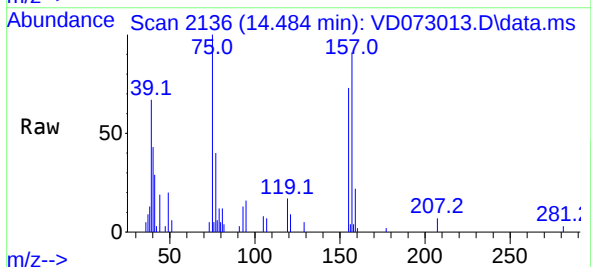
Manual Integrations
APPROVED

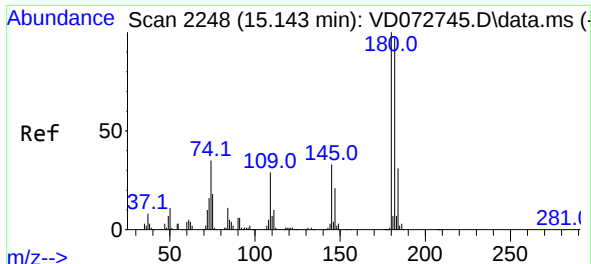
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.206 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.007 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

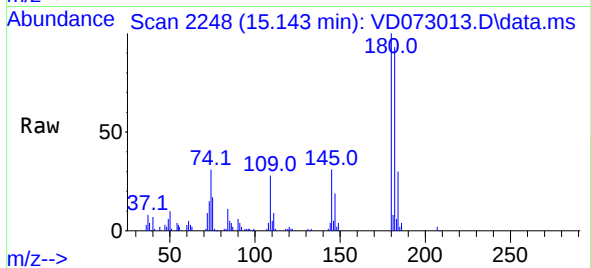
Tgt Ion: 75 Resp: 10825
Ion Ratio Lower Upper
75 100
155 80.6 36.8 110.3
157 97.1 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 20.245 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

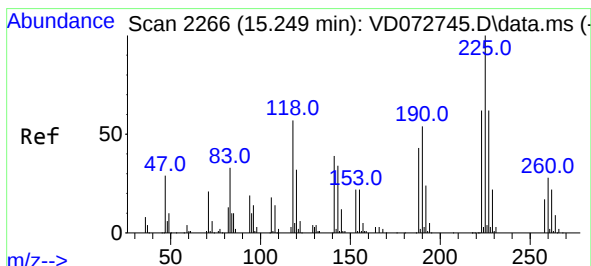
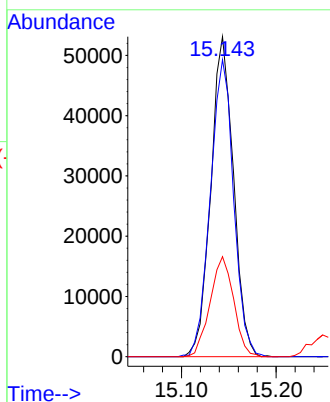
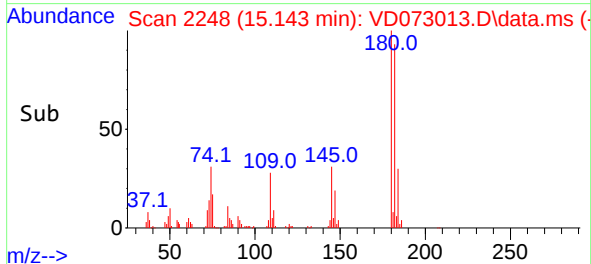
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



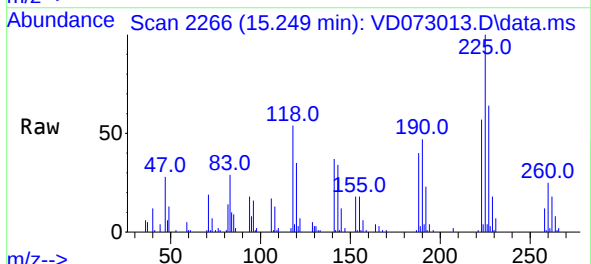
Tgt Ion:180 Resp: 8804
Ion Ratio Lower Upper
180 100
182 95.6 47.3 142.0
145 32.6 16.2 48.5

Manual Integrations
APPROVED

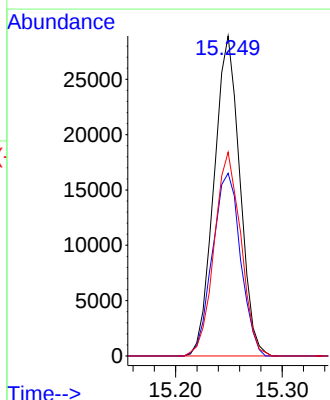
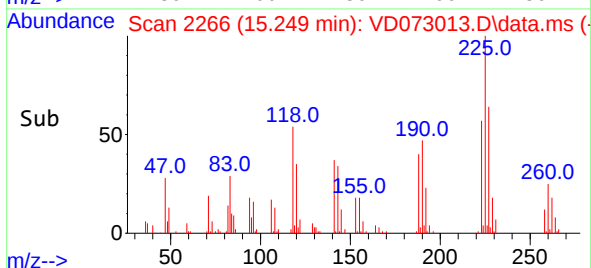
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

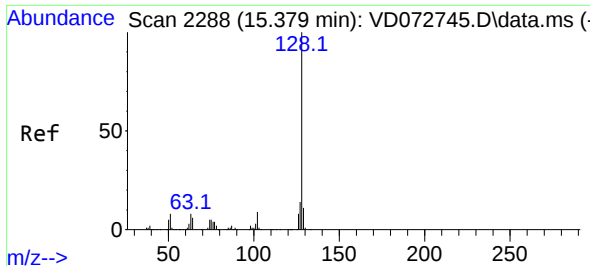


#94
Hexachlorobutadiene
Concen: 20.469 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24



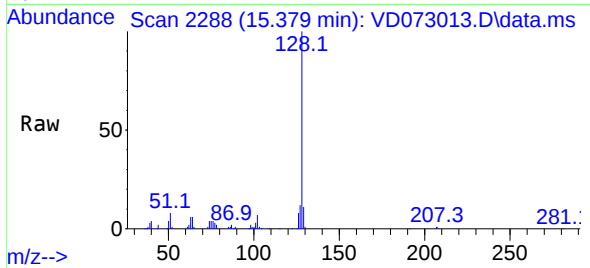
Tgt Ion:225 Resp: 48616
Ion Ratio Lower Upper
225 100
223 62.2 31.1 93.2
227 65.6 32.4 97.0





#95
Naphthalene
Concen: 19.376 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

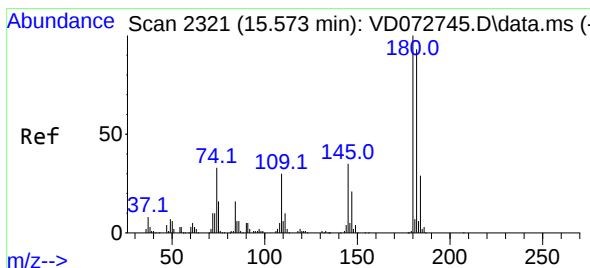
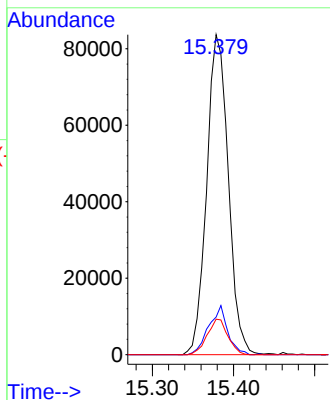
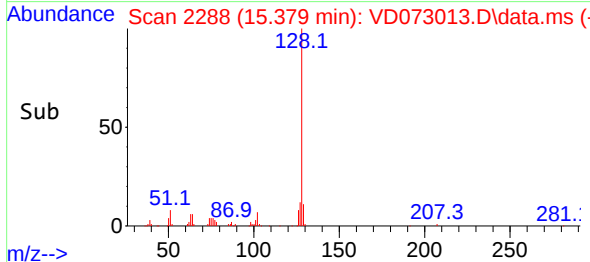
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS02



Tgt Ion:128 Resp: 15492
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.6 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: 21.186 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073013.D
Acq: 14 May 2022 03:24

Tgt Ion:180 Resp: 81675
Ion Ratio Lower Upper
180 100
182 91.2 47.6 142.9
145 32.6 17.1 51.3

