

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072309.D
 Acq On : 19 Mar 2022 01:17
 Operator : VA/SY
 Sample : VD0318SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS02

Quant Time: Mar 19 05:31:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	299469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	507369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	483950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	246890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	196393	58.846	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.700%			
35) Dibromofluoromethane	7.908	113	190830	53.448	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.900%			
50) Toluene-d8	10.332	98	682156	52.252	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.500%			
62) 4-Bromofluorobenzene	12.620	95	254488	50.169	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	45884	16.565	ug/l	99
3) Chloromethane	2.209	50	43853	17.817	ug/l	98
4) Vinyl Chloride	2.344	62	43938	18.493	ug/l	97
5) Bromomethane	2.750	94	33978	21.962	ug/l	94
6) Chloroethane	2.909	64	32545	20.718	ug/l #	80
7) Trichlorofluoromethane	3.268	101	95862	17.866	ug/l	98
8) Diethyl Ether	3.709	74	32225	21.746	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	64553	18.869	ug/l	97
10) Methyl Iodide	4.297	142	38717	14.296	ug/l	98
11) Tert butyl alcohol	5.226	59	23135	119.556	ug/l #	94
12) 1,1-Dichloroethene	4.062	96	47905	17.405	ug/l	93
13) Acrolein	3.926	56	17452	101.071	ug/l	98
14) Allyl chloride	4.709	41	92257	19.171	ug/l	93
15) Acrylonitrile	5.414	53	89740	120.019	ug/l	96
16) Acetone	4.162	43	68481	94.506	ug/l	96
17) Carbon Disulfide	4.415	76	79343	13.490	ug/l	96
18) Methyl Acetate	4.720	43	55462	31.233	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	162010	21.657	ug/l	98
20) Methylene Chloride	4.956	84	91839	22.010	ug/l	86
21) trans-1,2-Dichloroethene	5.462	96	56269	18.484	ug/l	88
22) Diisopropyl ether	6.361	45	244448	22.271	ug/l	94
23) Vinyl Acetate	6.303	43	566116	101.061	ug/l	96
24) 1,1-Dichloroethane	6.261	63	138978	21.469	ug/l	99
25) 2-Butanone	7.208	43	108132	111.921	ug/l	94
26) 2,2-Dichloropropane	7.208	77	102311	17.517	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	78336	20.156	ug/l	94
28) Bromochloromethane	7.544	49	56428	21.653	ug/l	88
29) Tetrahydrofuran	7.556	42	66270	116.651	ug/l	95
30) Chloroform	7.708	83	150803	21.868	ug/l	99
31) Cyclohexane	7.985	56	83231	15.962	ug/l #	92
32) 1,1,1-Trichloroethane	7.903	97	120455	19.666	ug/l	98
36) 1,1-Dichloropropene	8.108	75	83444	16.660	ug/l	95
37) Ethyl Acetate	7.285	43	48597	22.149	ug/l	95
38) Carbon Tetrachloride	8.097	117	100146	17.589	ug/l	97
39) Methylcyclohexane	9.350	83	82077	14.562	ug/l	93
40) Benzene	8.344	78	266324	18.638	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	28597	22.362	ug/l #	90
42) 1,2-Dichloroethane	8.420	62	92580	21.358	ug/l	97
43) Isopropyl Acetate	8.450	43	92875	21.809	ug/l	97
44) Trichloroethene	9.108	130	70396	17.548	ug/l	95
45) 1,2-Dichloropropane	9.385	63	78783	20.103	ug/l	99
46) Dibromomethane	9.473	93	41632	21.596	ug/l	95
47) Bromodichloromethane	9.655	83	119487	21.262	ug/l	94
48) Methyl methacrylate	9.455	41	45573	22.412	ug/l	91
49) 1,4-Dioxane	9.455	88	9367	405.201	ug/l	90
51) 4-Methyl-2-Pentanone	10.220	43	257841	115.277	ug/l	96
52) Toluene	10.397	92	175910	18.708	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	99601	19.398	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	120085	20.231	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	62543	21.298	ug/l	94
56) Ethyl methacrylate	10.655	69	71496	20.786	ug/l	90
57) 1,3-Dichloropropane	10.938	76	105426	21.391	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.938	63	148532	96.040	ug/l	97
59) 2-Hexanone	10.979	43	175304	113.478	ug/l	99
60) Dibromochloromethane	11.132	129	80356	21.088	ug/l	100
61) 1,2-Dibromoethane	11.238	107	54808	20.654	ug/l	97
64) Tetrachloroethene	10.867	164	59284	17.386	ug/l	97
65) Chlorobenzene	11.661	112	205253	19.131	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	85983	20.266	ug/l	98
67) Ethyl Benzene	11.738	91	341500	17.821	ug/l	99
68) m/p-Xylenes	11.844	106	265696	36.515	ug/l	100
69) o-Xylene	12.173	106	127599	18.333	ug/l	98
70) Styrene	12.185	104	235696	19.393	ug/l	96
71) Bromoform	12.349	173	48892	21.573	ug/l #	99
73) Isopropylbenzene	12.473	105	356066	18.199	ug/l	99
74) N-amyl acetate	12.279	43	89490	21.284	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	79999	22.863	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	50040m	18.374	ug/l	
77) Bromobenzene	12.749	156	88283	20.048	ug/l	93
78) n-propylbenzene	12.808	91	437105	18.393	ug/l	100
79) 2-Chlorotoluene	12.896	91	263680	19.188	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	323468	19.245	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	21501	19.588	ug/l	93
82) 4-Chlorotoluene	12.996	91	273225	19.203	ug/l	99
83) tert-Butylbenzene	13.214	119	266407	18.079	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	317000	19.141	ug/l	100
85) sec-Butylbenzene	13.391	105	398730	18.018	ug/l	98
86) p-Isopropyltoluene	13.502	119	334780	18.385	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	181971	19.717	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	177813	19.430	ug/l	98
89) n-Butylbenzene	13.832	91	306722	17.671	ug/l	99
90) Hexachloroethane	14.096	117	70998	19.893	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	162904	20.246	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11727	21.000	ug/l	84
93) 1,2,4-Trichlorobenzene	15.143	180	96011	18.023	ug/l	99
94) Hexachlorobutadiene	15.249	225	54985	17.744	ug/l	99
95) Naphthalene	15.385	128	179749	19.574	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	88102	19.106	ug/l	98

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 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD0318SBS02

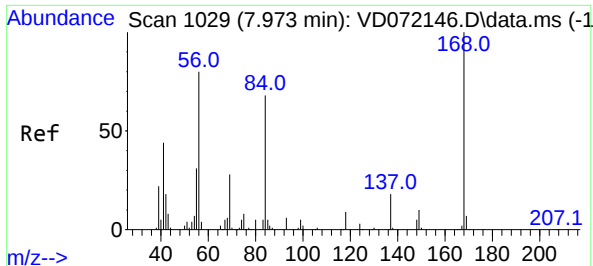
Manual Integrations
APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 19 05:31:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

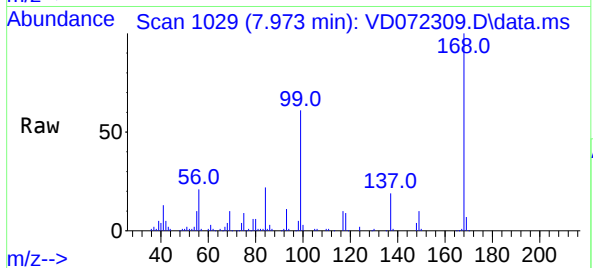
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072309.D
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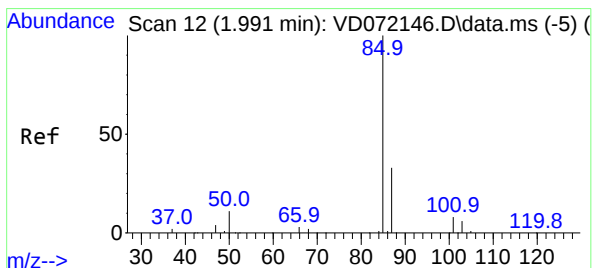
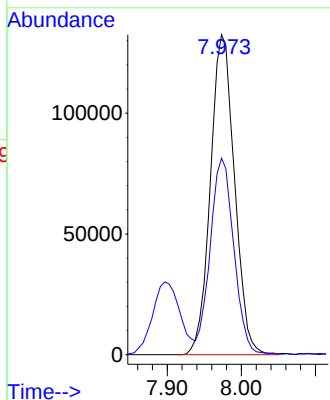
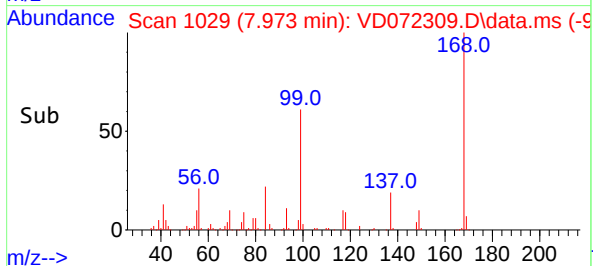
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



Tgt Ion:168 Resp: 299469
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6

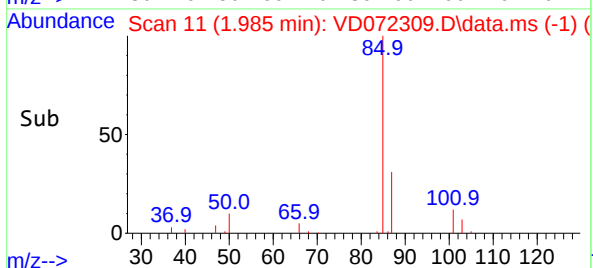
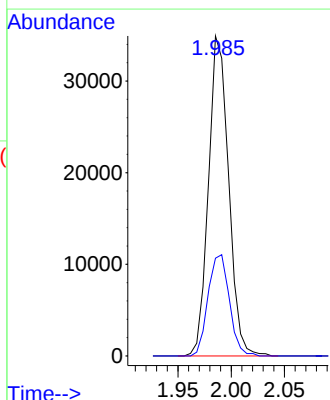
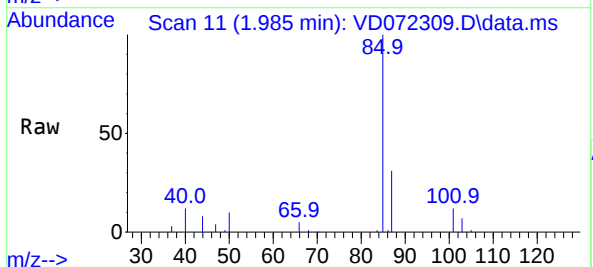
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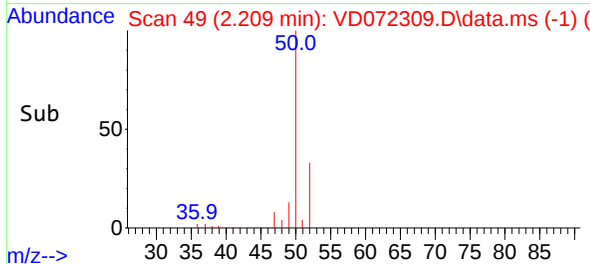
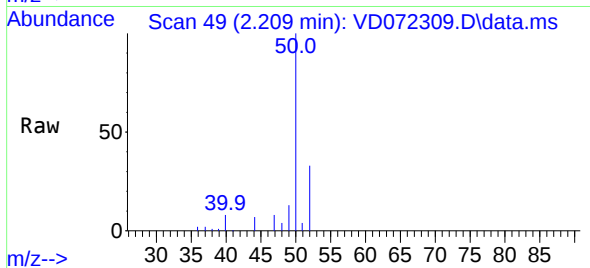
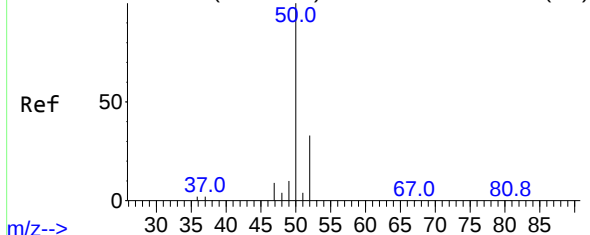


Dichlorodifluoromethane
Concen: 16.565 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

Tgt Ion: 85 Resp: 45884
Ion Ratio Lower Upper
85 100
87 30.5 15.7 47.0



Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



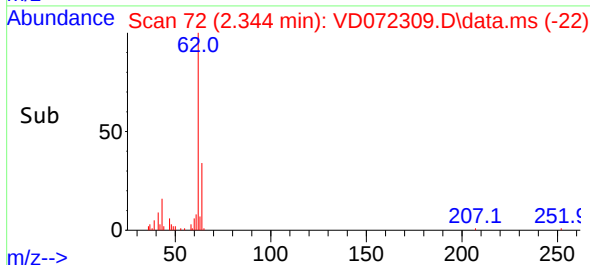
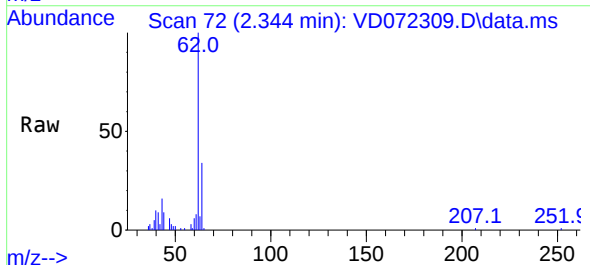
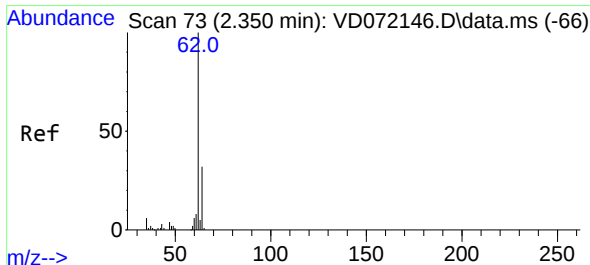
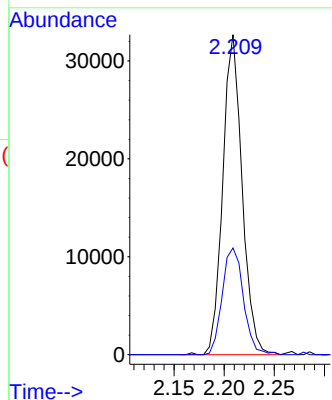
#3
Chloromethane
Concen: 17.817 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

Tgt Ion: 50 Resp: 4385
Ion Ratio Lower Upper
50 100
52 33.3 27.4 41.0

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02

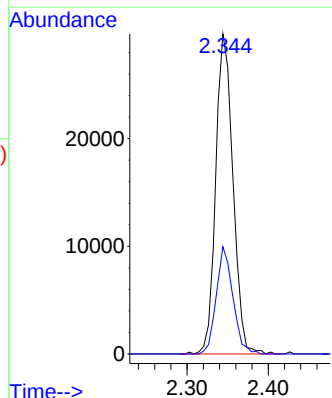
Manual Integrations
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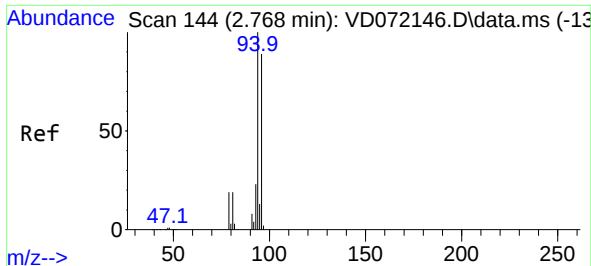
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#4
Vinyl Chloride
Concen: 18.493 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

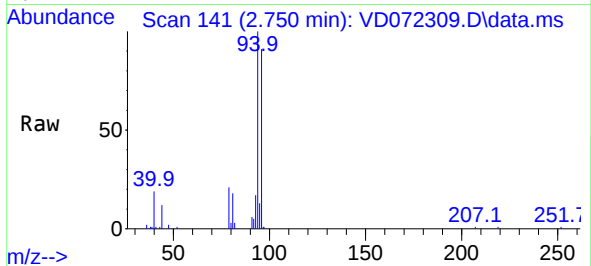
Tgt Ion: 62 Resp: 43938
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0





#5
Bromomethane
Concen: 21.962 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

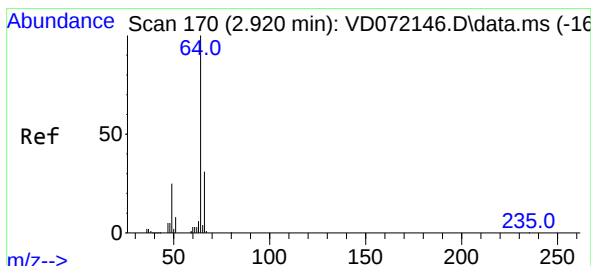
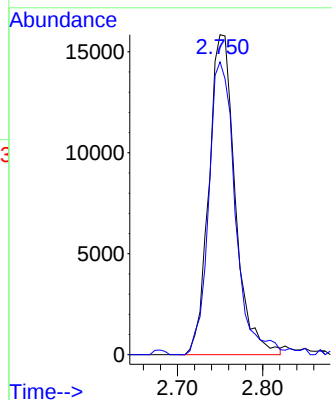
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



Tgt Ion: 94 Resp: 33978
Ion Ratio Lower Upper
94 100
96 91.5 77.6 116.4

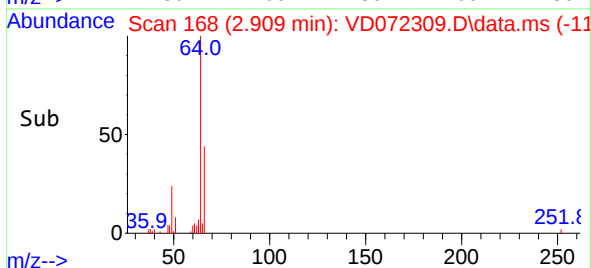
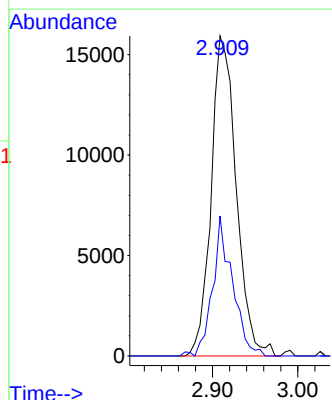
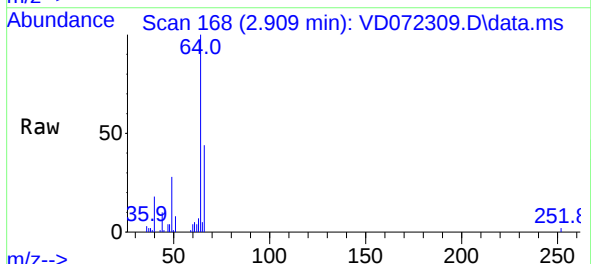
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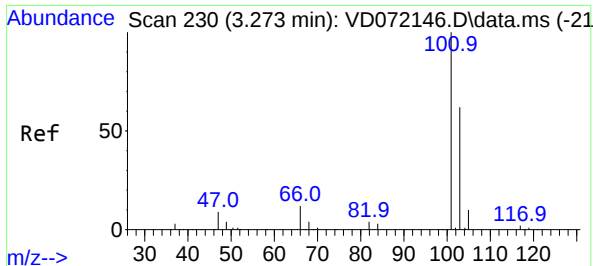
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#6
Chloroethane
Concen: 20.718 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

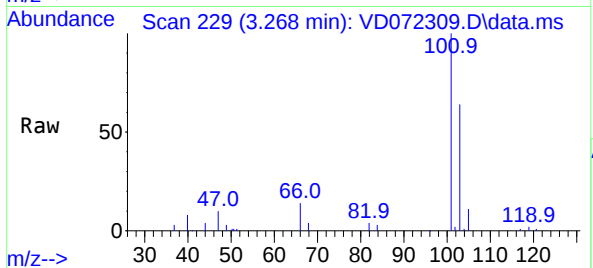
Tgt Ion: 64 Resp: 32545
Ion Ratio Lower Upper
64 100
66 43.8 25.9 38.9





#7
Trichlorofluoromethane
Concen: 17.866 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

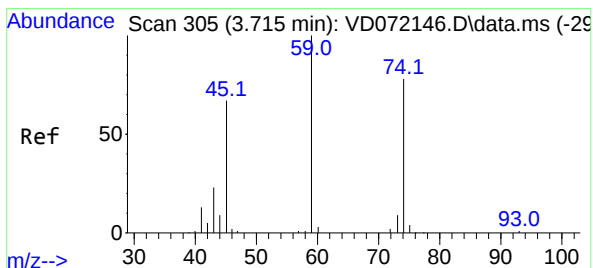
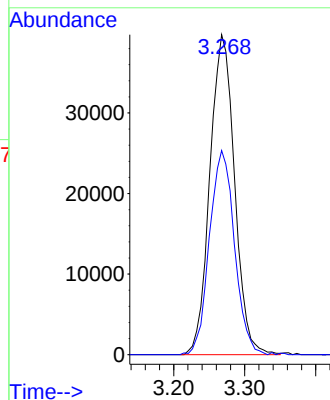
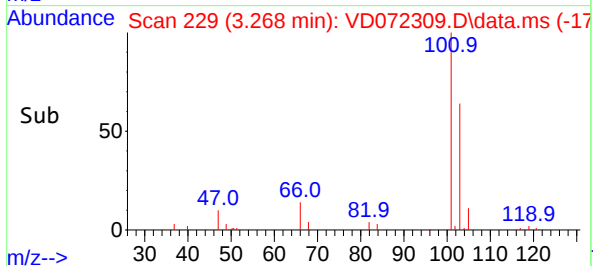
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



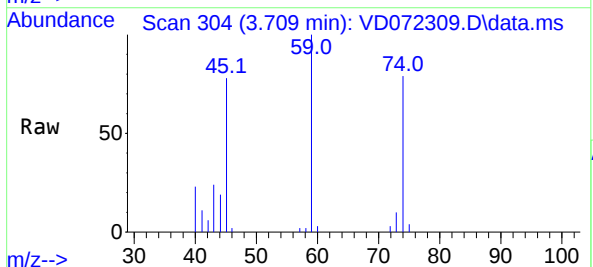
Tgt Ion:101 Resp: 95862
Ion Ratio Lower Upper
101 100
103 63.8 50.1 75.1

Manual Integrations
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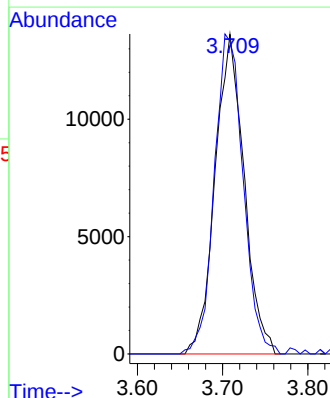
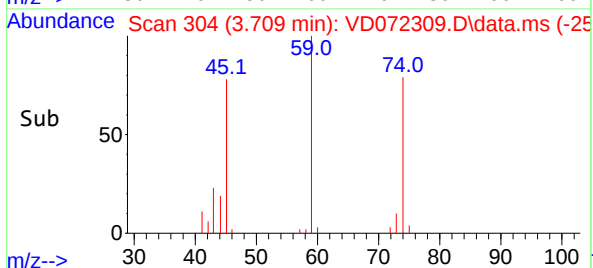
Reviewed By :John Carlone 03/21/2022
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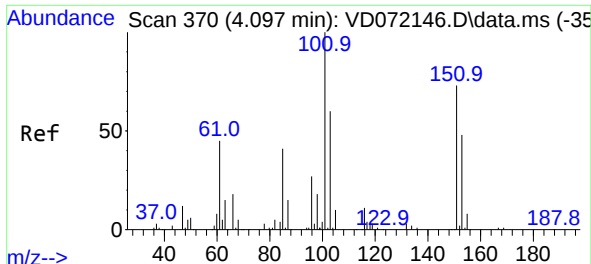


#8
Diethyl Ether
Concen: 21.746 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



Tgt Ion: 74 Resp: 32225
Ion Ratio Lower Upper
74 100
45 99.4 52.6 157.8





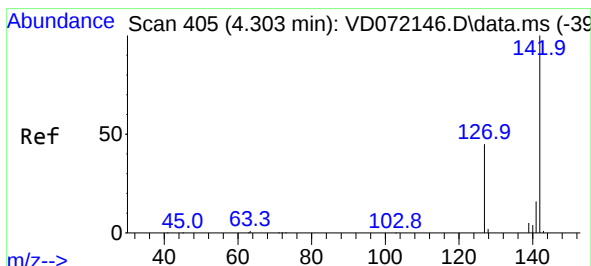
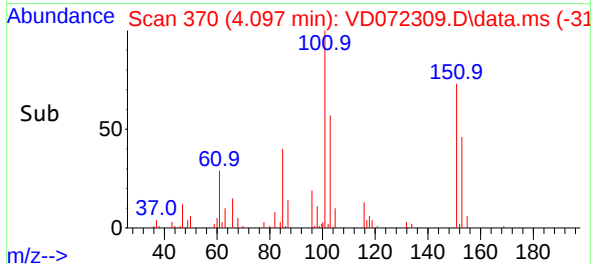
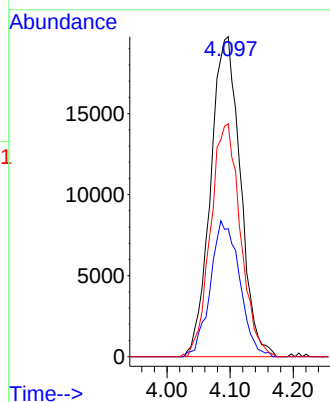
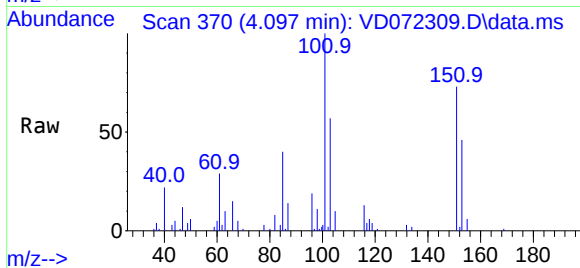
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.869 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02

Tgt Ion:101 Resp: 6455
Ion Ratio Lower Upper
101 100
85 41.7 36.4 54.6
151 73.0 57.3 85.9

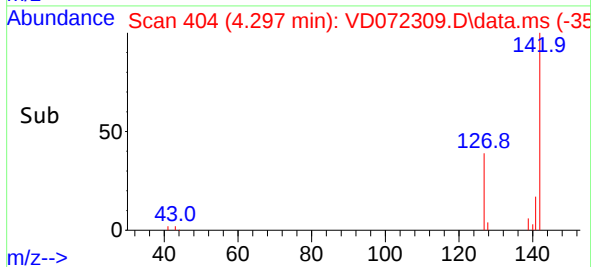
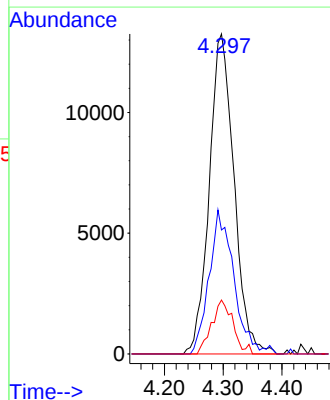
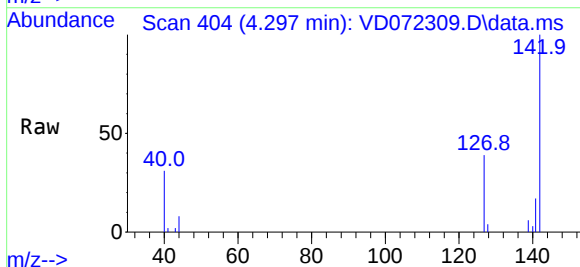
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#10
Methyl Iodide
Concen: 14.296 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

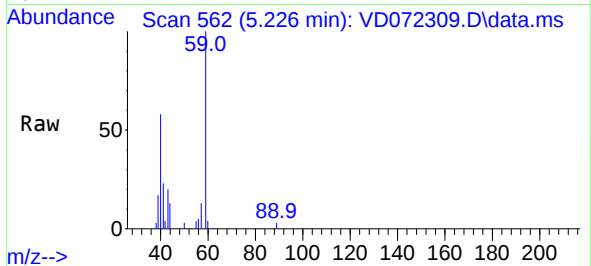
Tgt Ion:142 Resp: 38717
Ion Ratio Lower Upper
142 100
127 44.6 37.3 55.9
141 14.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 119.556 ug/l
RT: 5.226 min Scan# 509
Delta R.T. 0.018 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

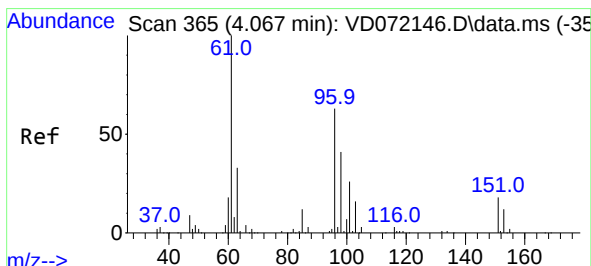
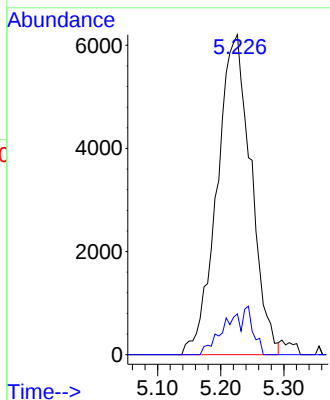
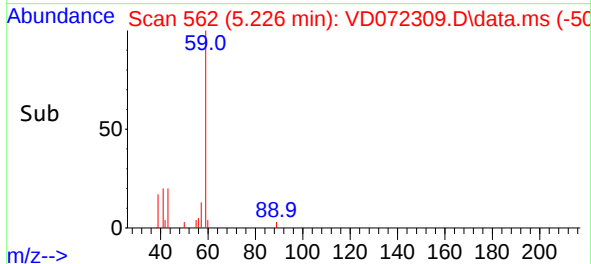
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



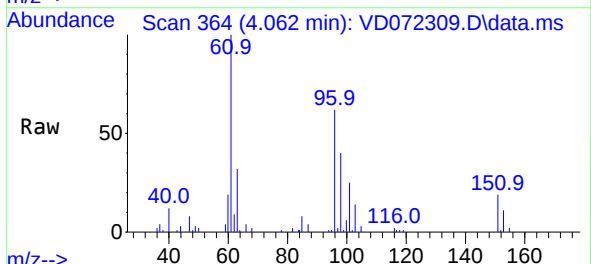
Tgt Ion: 59 Resp: 23135
Ion Ratio Lower Upper
59 100
57 7.6 7.8 11.6

Manual Integrations
APPROVED

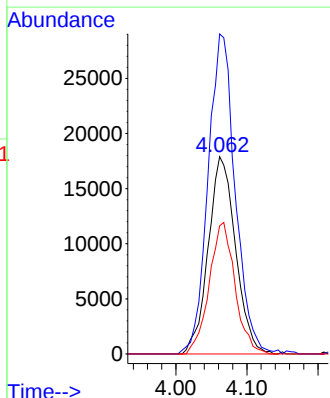
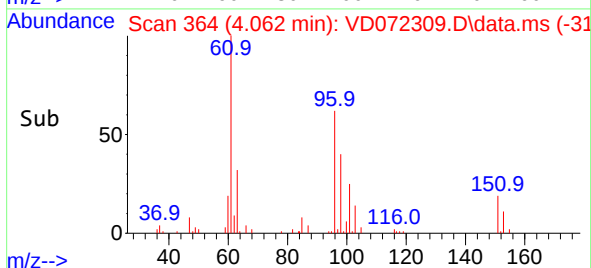
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

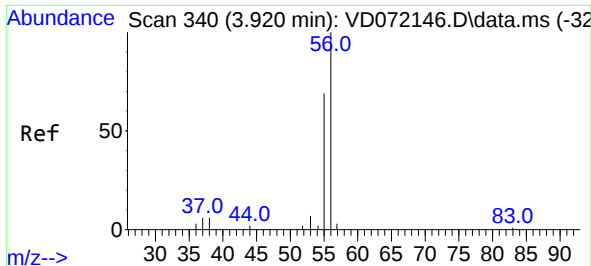


#12
1,1-Dichloroethene
Concen: 17.405 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



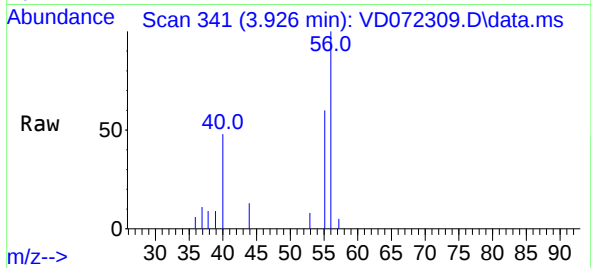
Tgt Ion: 96 Resp: 47905
Ion Ratio Lower Upper
96 100
61 162.2 138.5 207.7
98 64.9 48.6 73.0





#13
Acrolein
Concen: 101.071 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

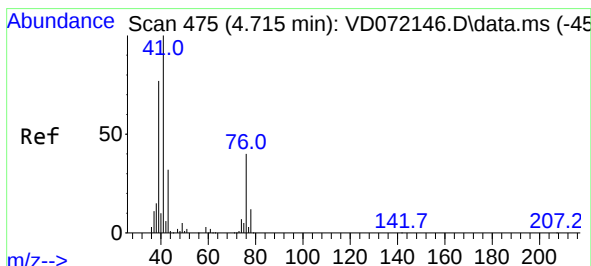
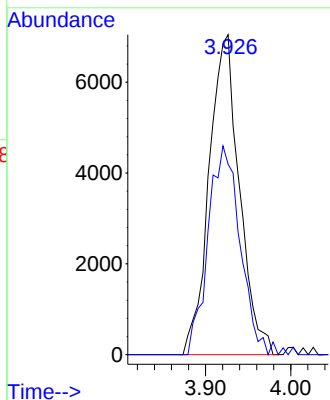
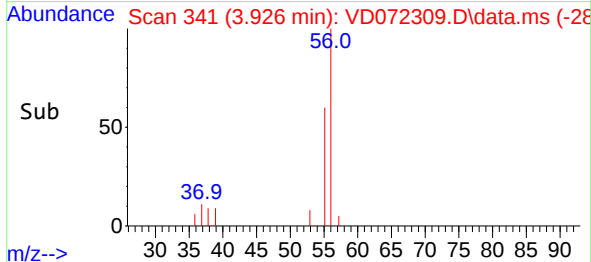
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



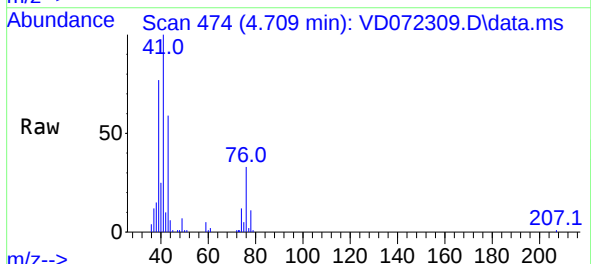
Tgt Ion: 56 Resp: 17452
Ion Ratio Lower Upper
56 100
55 69.5 57.1 85.7

Manual Integrations
APPROVED

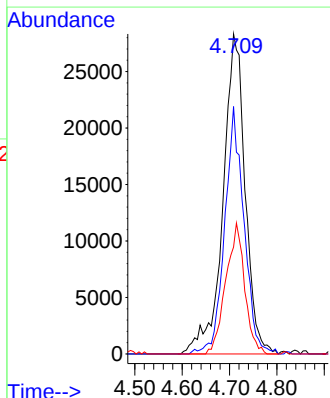
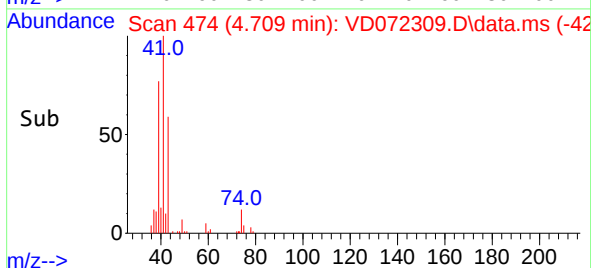
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#14
Allyl chloride
Concen: 19.171 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



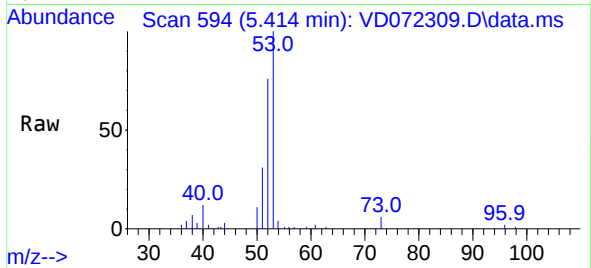
Tgt Ion: 41 Resp: 92257
Ion Ratio Lower Upper
41 100
39 67.2 59.3 88.9
76 34.6 25.7 38.5





#15
Acrylonitrile
Concen: 120.019 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

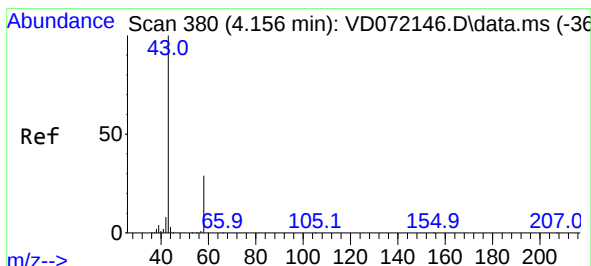
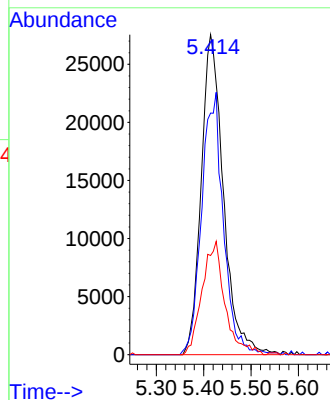
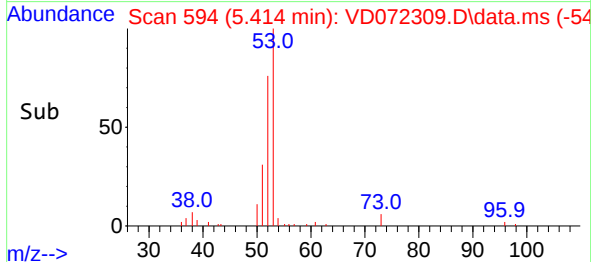
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



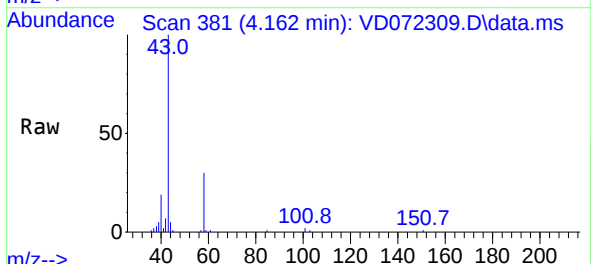
Tgt Ion: 53 Resp: 89740
Ion Ratio Lower Upper
53 100
52 80.3 67.2 100.8
51 36.4 30.3 45.5

Manual Integrations
APPROVED

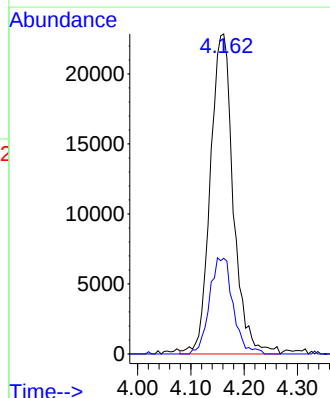
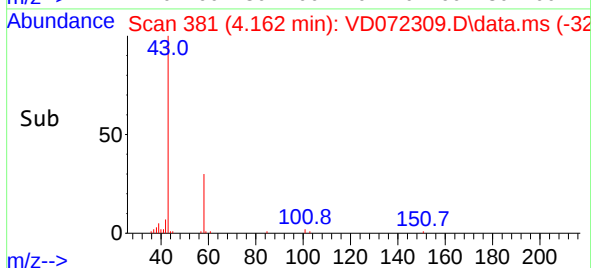
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

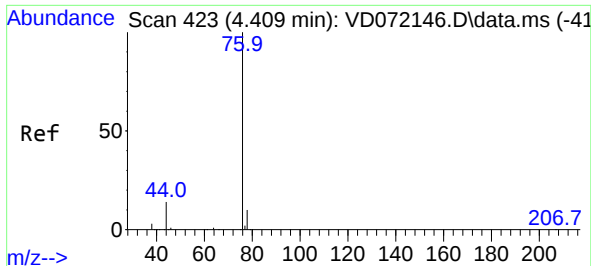


#16
Acetone
Concen: 94.506 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



Tgt Ion: 43 Resp: 68481
Ion Ratio Lower Upper
43 100
58 29.9 22.1 33.1





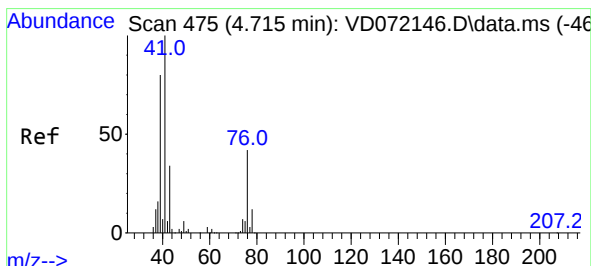
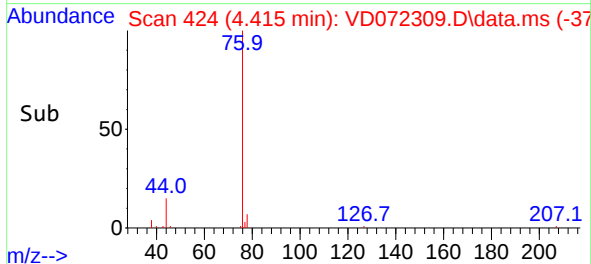
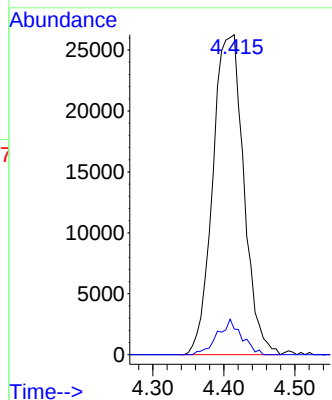
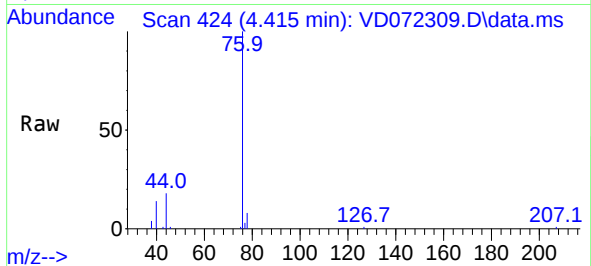
#17
Carbon Disulfide
Concen: 13.490 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02

Tgt Ion: 76 Resp: 7934
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3

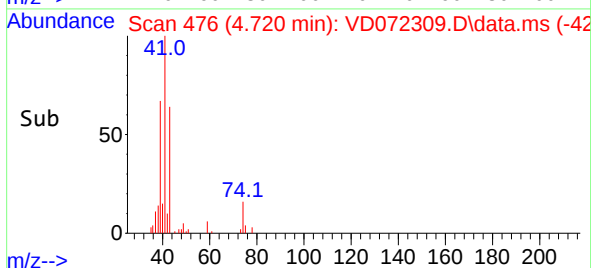
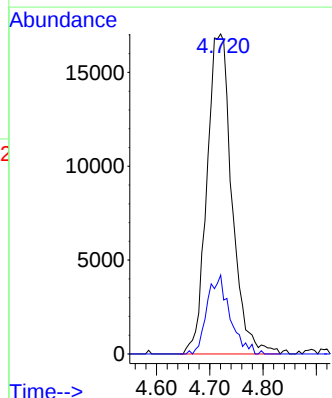
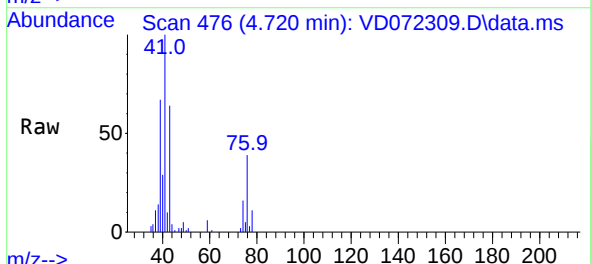
Manual Integrations
APPROVED

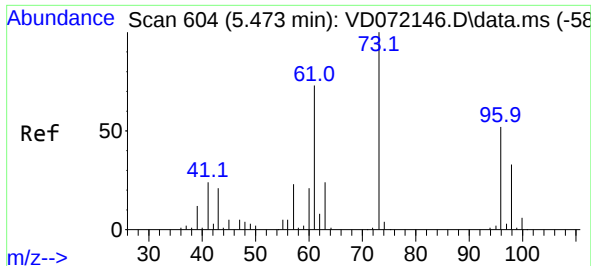
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#18
Methyl Acetate
Concen: 31.233 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

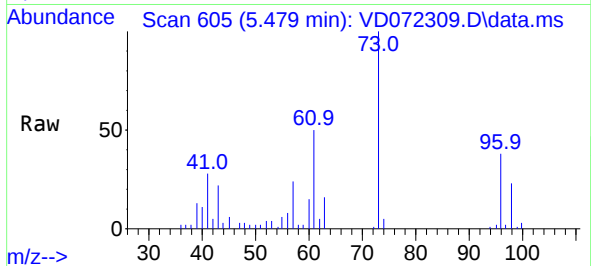
Tgt Ion: 43 Resp: 55462
Ion Ratio Lower Upper
43 100
74 22.3 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 21.657 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

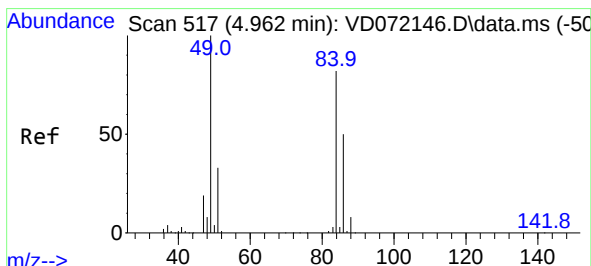
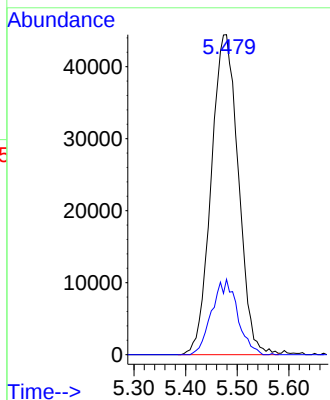
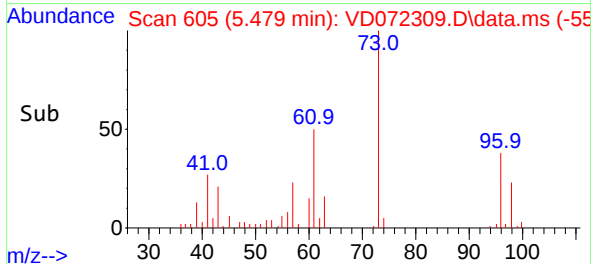
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



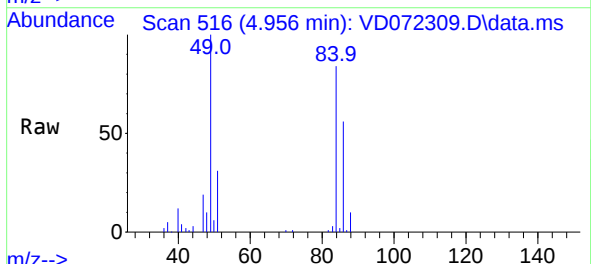
Tgt Ion: 73 Resp: 162010
Ion Ratio Lower Upper
73 100
57 23.6 18.0 27.0

Manual Integrations
APPROVED

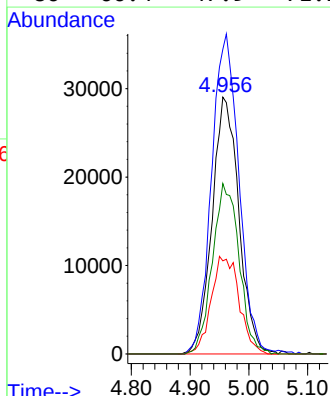
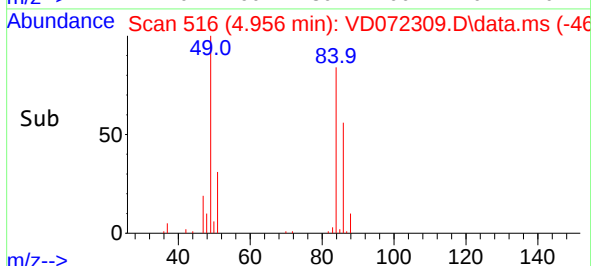
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

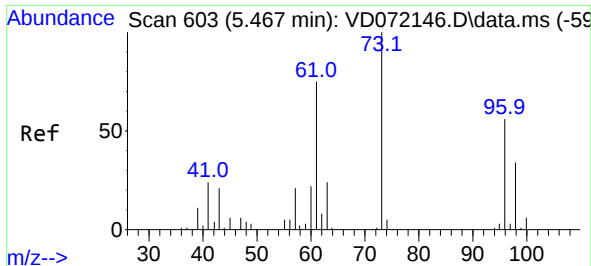


#20
Methylene Chloride
Concen: 22.010 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



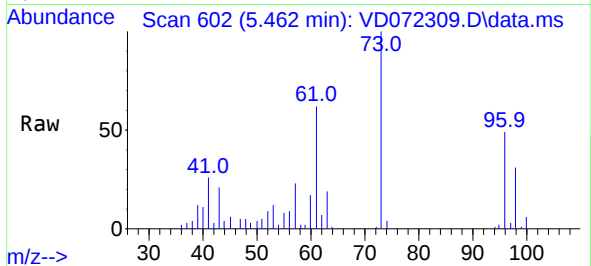
Tgt Ion: 84 Resp: 91839
Ion Ratio Lower Upper
84 100
49 118.6 112.8 169.2
51 36.3 32.6 48.8
86 66.4 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 18.484 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

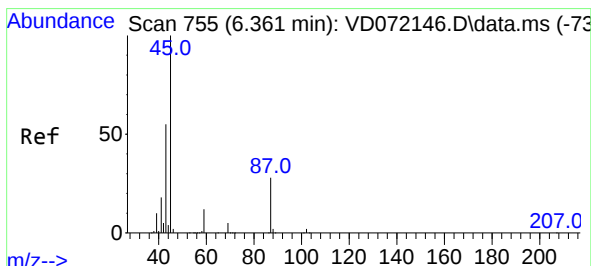
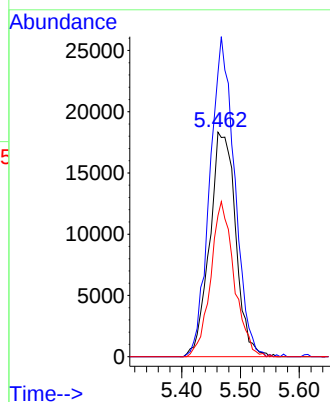
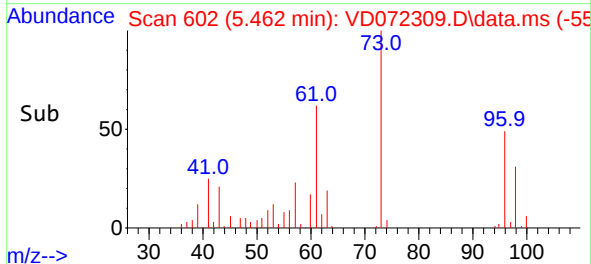
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



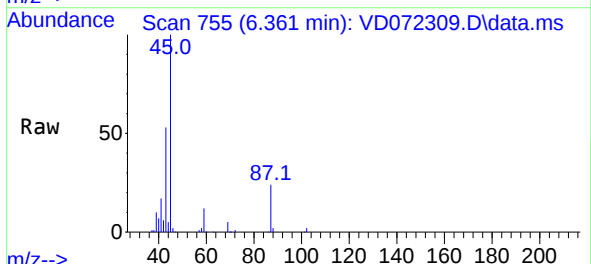
Tgt Ion: 96 Resp: 56269
Ion Ratio Lower Upper
96 100
61 126.3 117.9 176.9
98 62.8 49.4 74.2

Manual Integrations
APPROVED

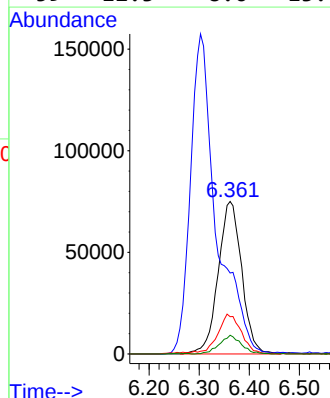
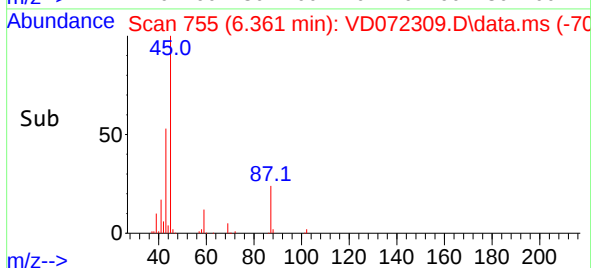
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#22
Diisopropyl ether
Concen: 22.271 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



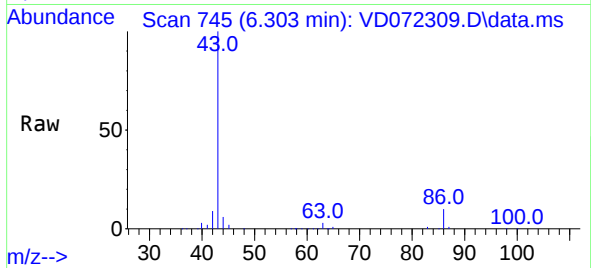
Tgt Ion: 45 Resp: 244448
Ion Ratio Lower Upper
45 100
43 52.1 46.6 70.0
87 24.4 18.4 27.6
59 12.3 8.6 13.0





#23
 Vinyl Acetate
 Concen: 101.061 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072309.D
 Acq: 19 Mar 2022 01:17

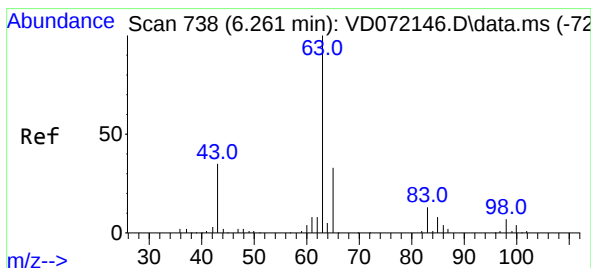
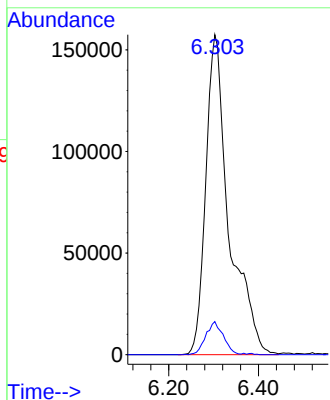
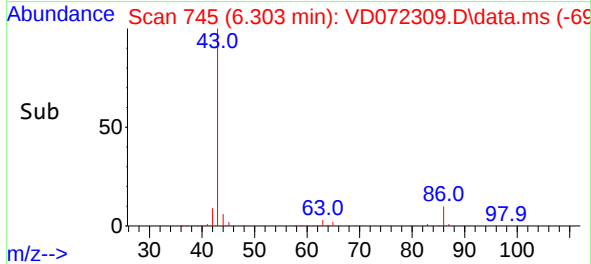
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS02



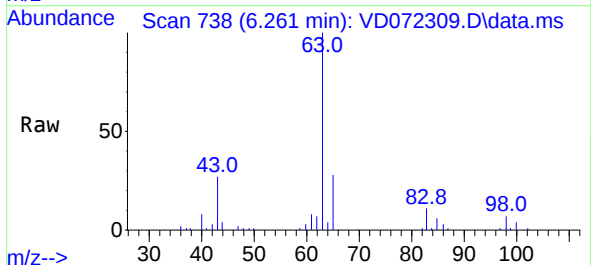
Tgt Ion: 43 Resp: 566110
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7

Manual Integrations
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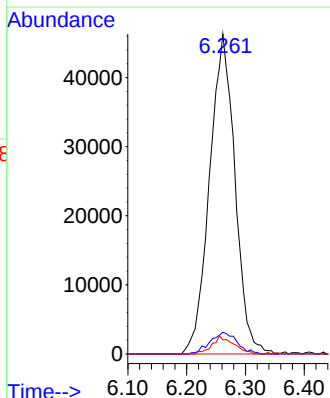
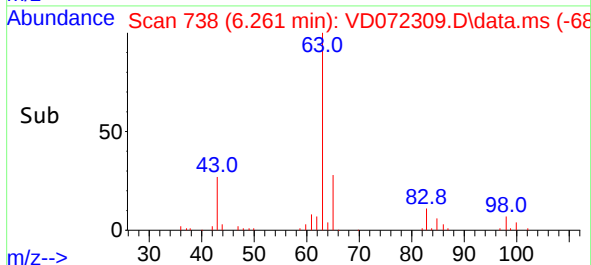
Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022

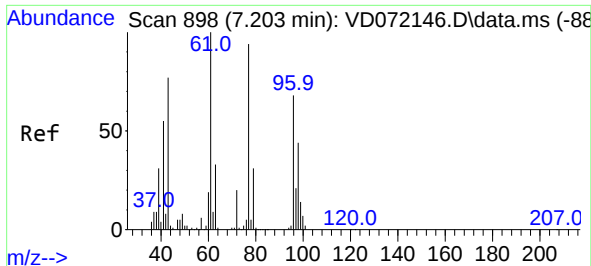


#24
 1,1-Dichloroethane
 Concen: 21.469 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072309.D
 Acq: 19 Mar 2022 01:17



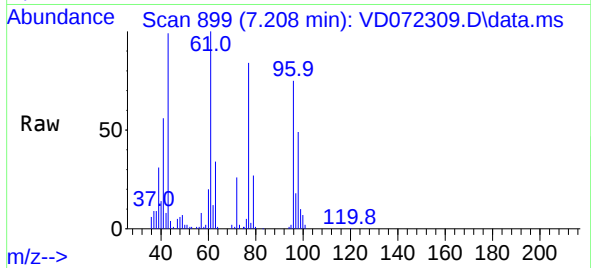
Tgt Ion: 63 Resp: 138978
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.4 2.1 6.5





#25
2-Butanone
Concen: 111.921 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

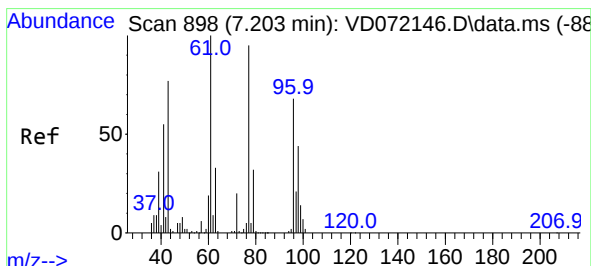
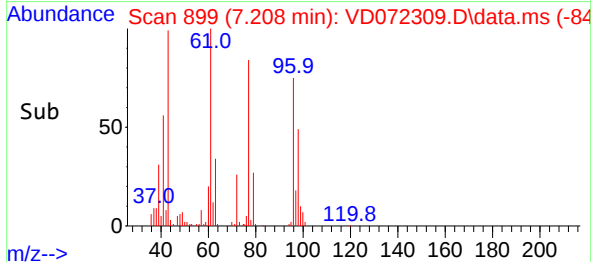
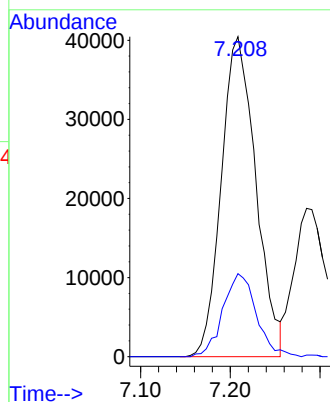
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



Tgt Ion: 43 Resp: 108132
Ion Ratio Lower Upper
43 100
72 26.0 18.6 27.8

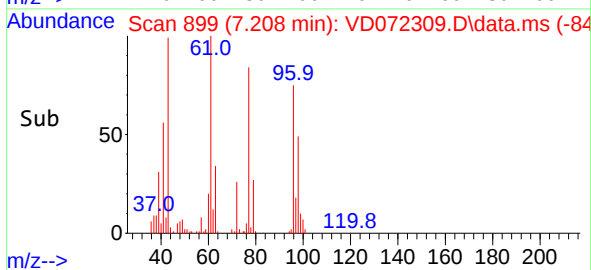
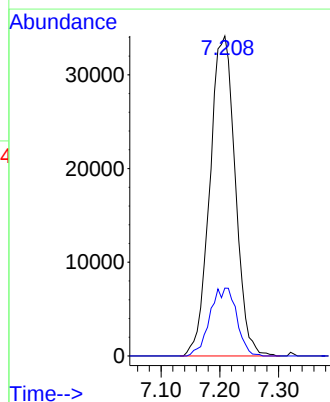
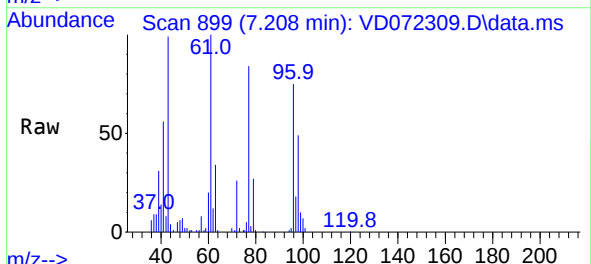
Manual Integrations
APPROVED

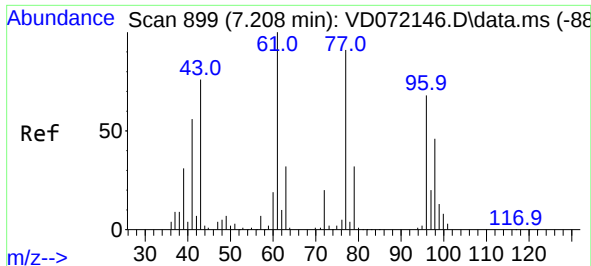
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#26
2,2-Dichloropropane
Concen: 17.517 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

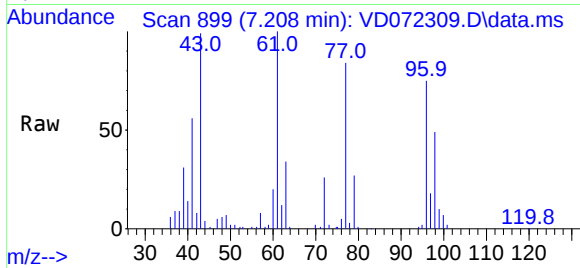
Tgt Ion: 77 Resp: 102311
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 20.156 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

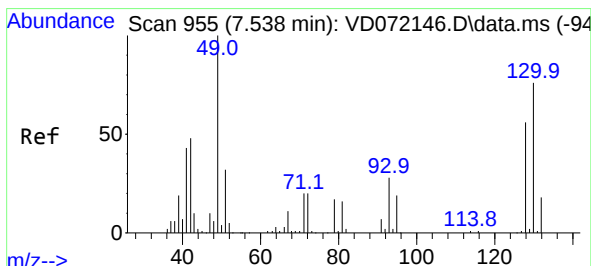
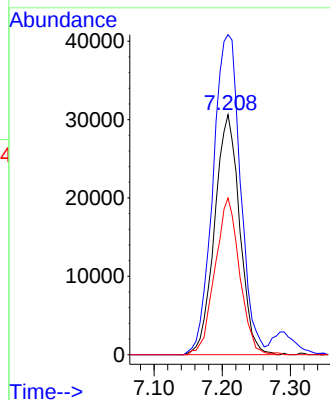
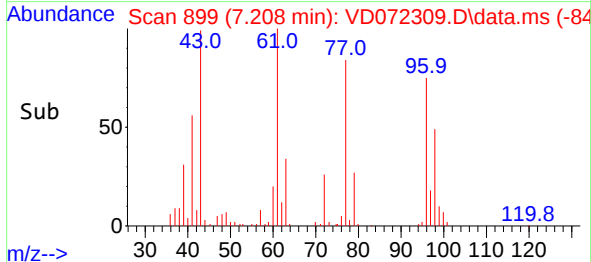
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



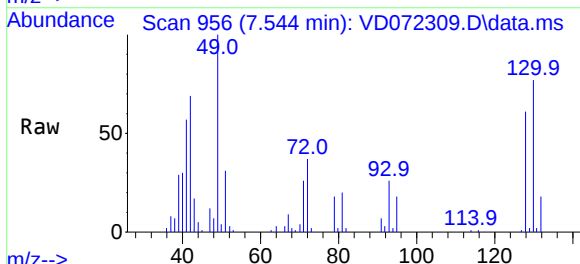
Tgt Ion: 96 Resp: 78336
Ion Ratio Lower Upper
96 100
61 145.9 0.0 313.8
98 64.2 0.0 128.8

Manual Integrations
APPROVED

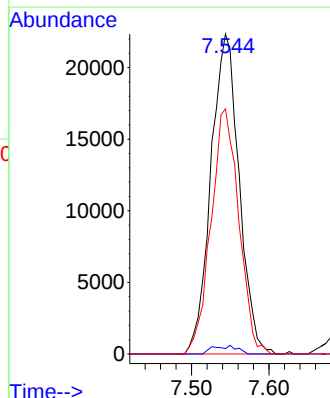
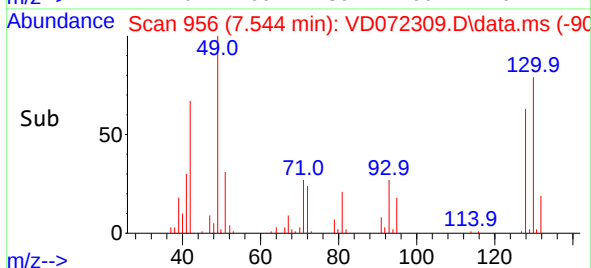
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

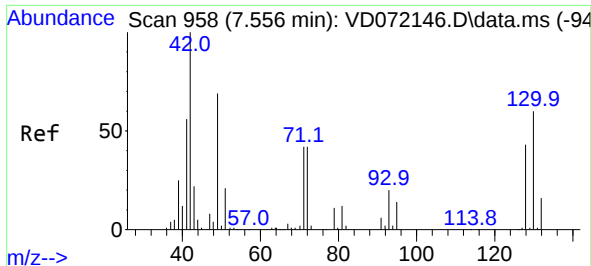


#28
Bromochloromethane
Concen: 21.653 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



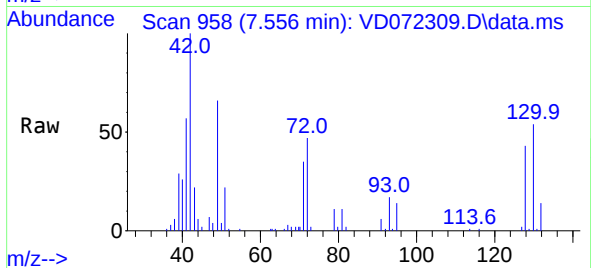
Tgt Ion: 49 Resp: 56428
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.0
130 75.6 52.6 79.0





#29
Tetrahydrofuran
Concen: 116.651 ug/l
RT: 7.556 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

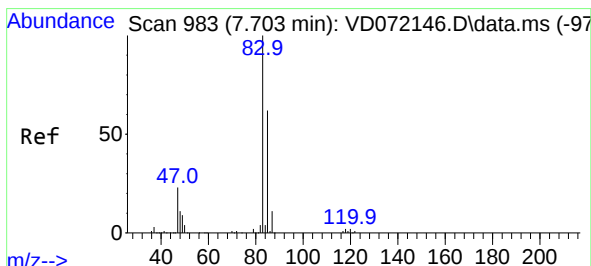
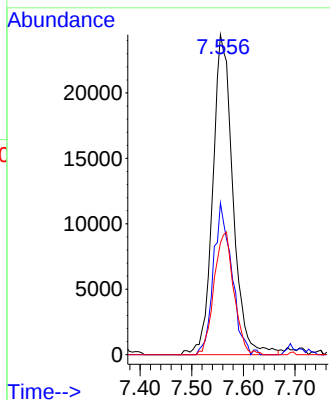
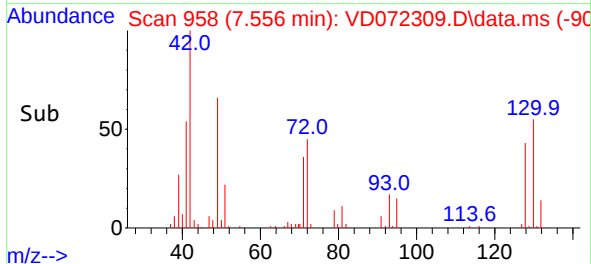
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



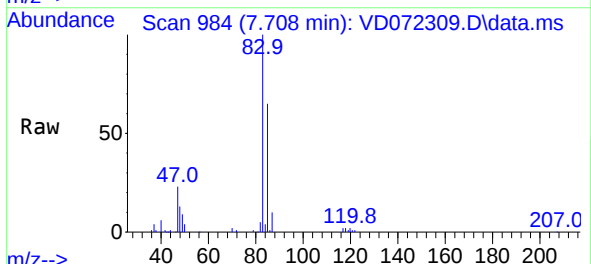
Tgt Ion: 42 Resp: 66270
Ion Ratio Lower Upper
42 100
72 43.0 30.7 46.1
71 37.6 28.6 43.0

Manual Integrations
APPROVED

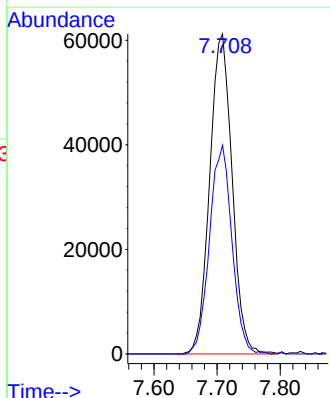
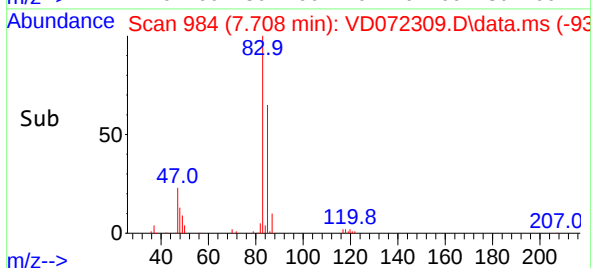
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

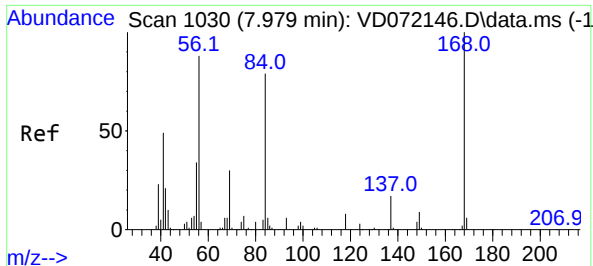


#30
Chloroform
Concen: 21.868 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



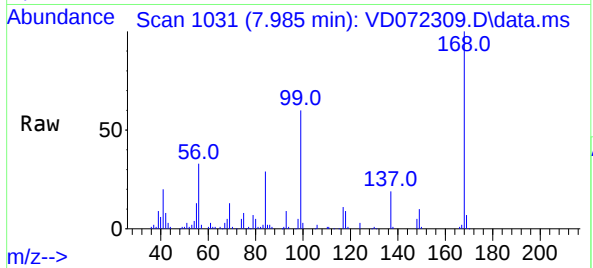
Tgt Ion: 83 Resp: 150803
Ion Ratio Lower Upper
83 100
85 65.2 52.7 79.1





#31
Cyclohexane
Concen: 15.962 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

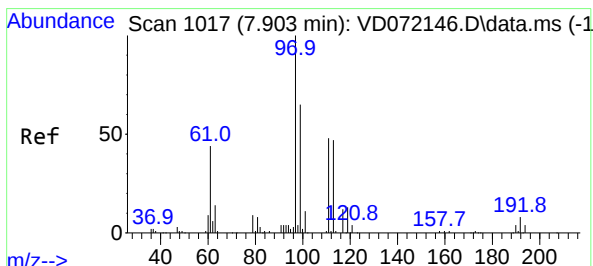
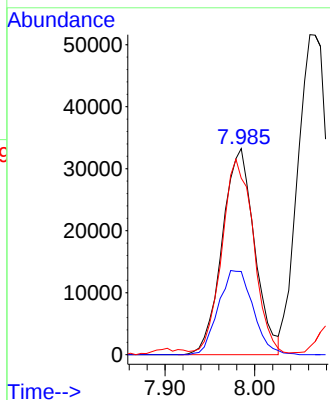
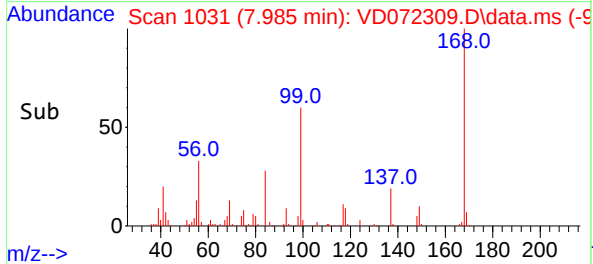
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



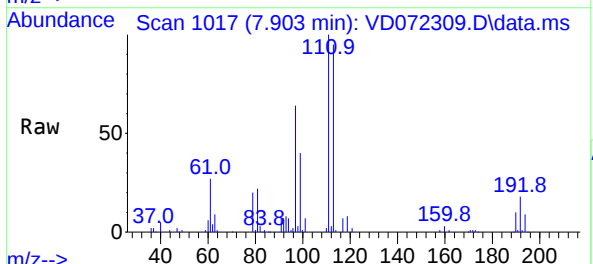
Tgt Ion: 56 Resp: 8323
Ion Ratio Lower Upper
56 100
69 40.4 25.4 38.2
84 83.2 63.0 94.4

Manual Integrations
APPROVED

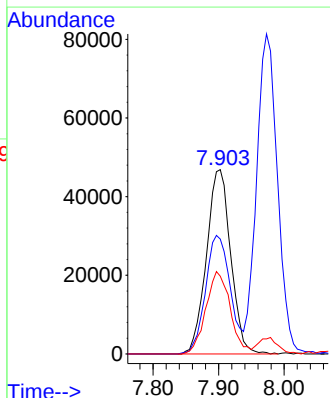
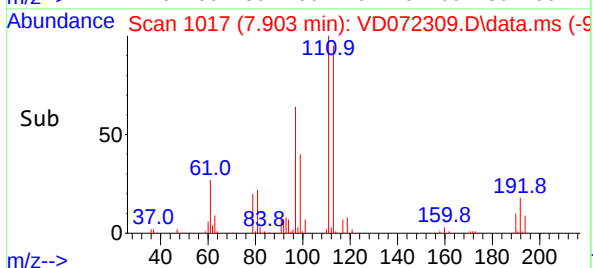
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#32
1,1,1-Trichloroethane
Concen: 19.666 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



Tgt Ion: 97 Resp: 120455
Ion Ratio Lower Upper
97 100
99 66.1 52.4 78.6
61 44.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 58.846 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072309.D

Acq: 19 Mar 2022 01:17

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS02

Tgt Ion: 65 Resp: 19639

Ion Ratio Lower Upper

65 100

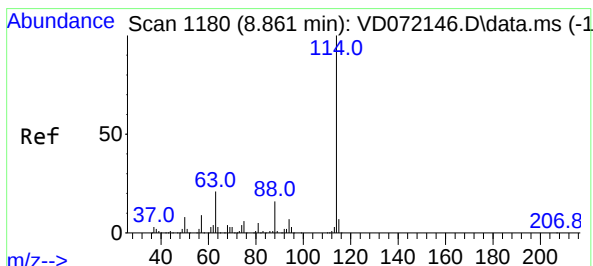
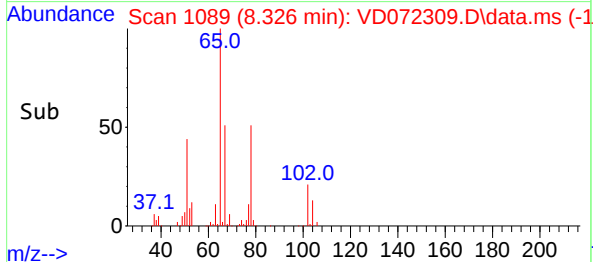
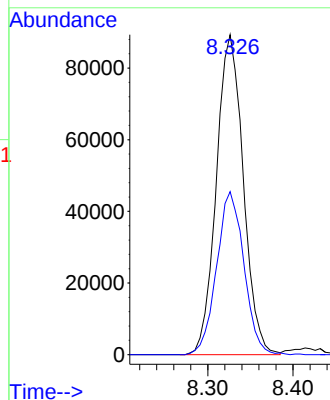
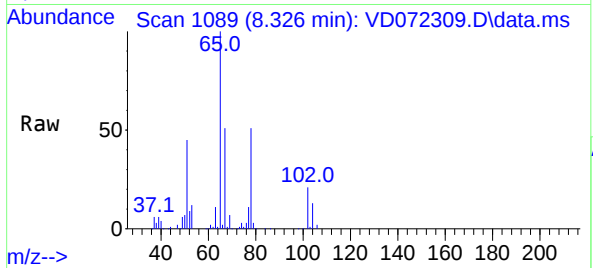
67 51.6 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072309.D

Acq: 19 Mar 2022 01:17

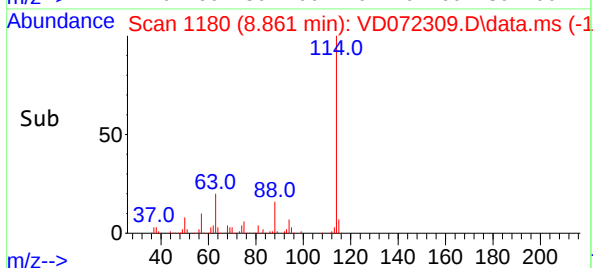
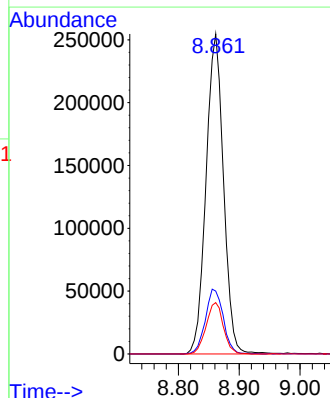
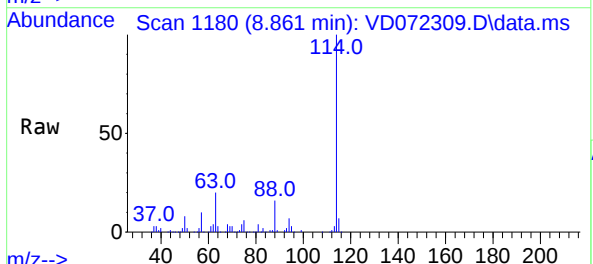
Tgt Ion:114 Resp: 507369

Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

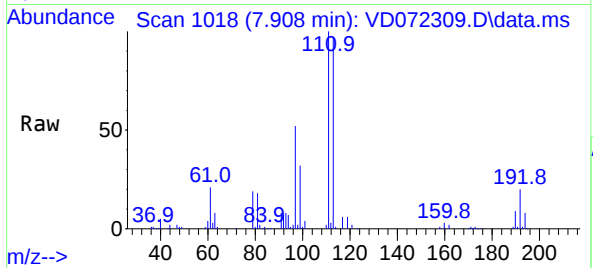
88 16.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 53.448 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

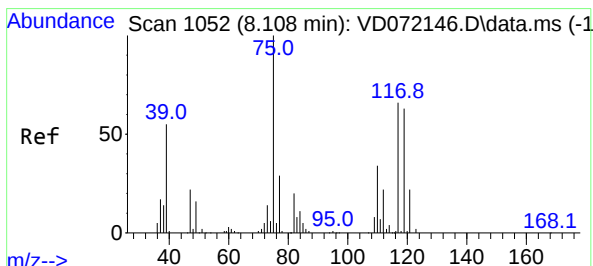
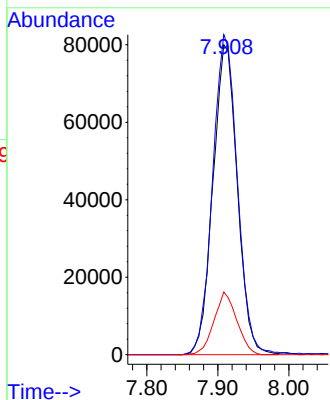
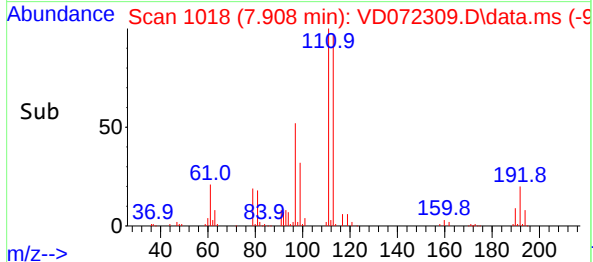
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



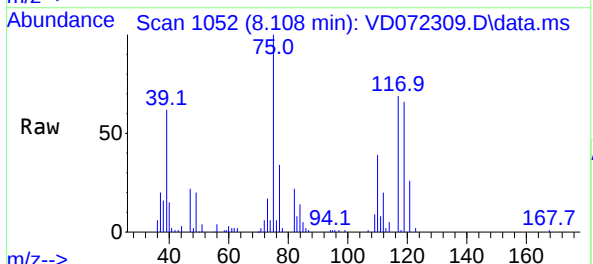
Tgt Ion:113 Resp: 190830
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 18.9 14.6 21.8

Manual Integrations
APPROVED

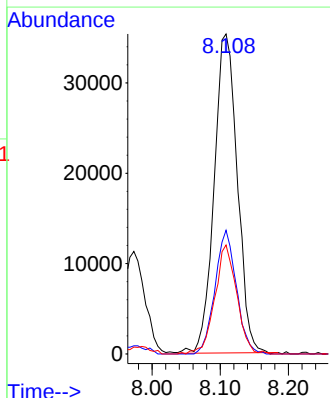
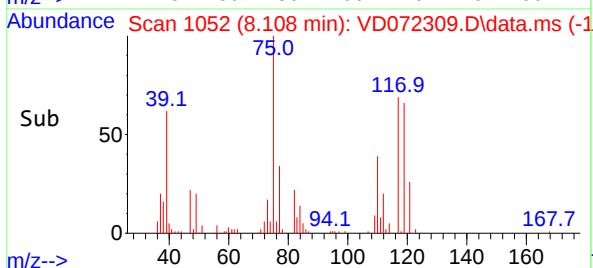
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

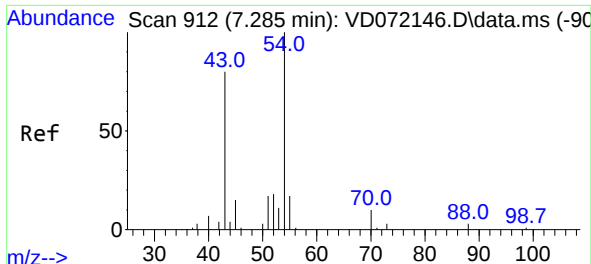


#36
1,1-Dichloropropene
Concen: 16.660 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



Tgt Ion: 75 Resp: 83444
Ion Ratio Lower Upper
75 100
110 35.8 16.4 49.1
77 32.4 24.2 36.2





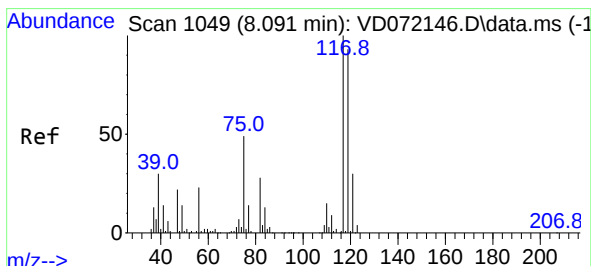
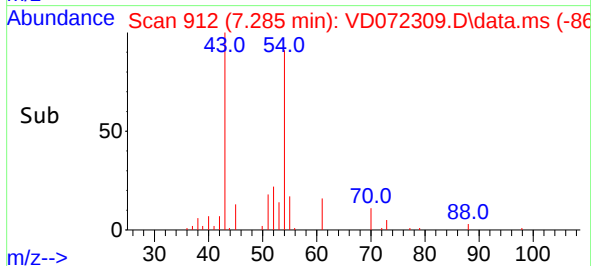
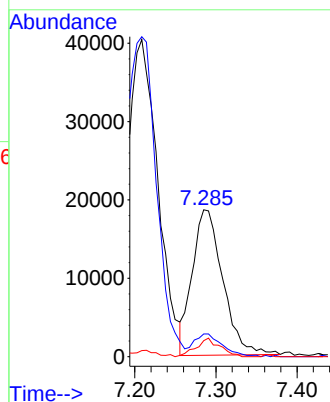
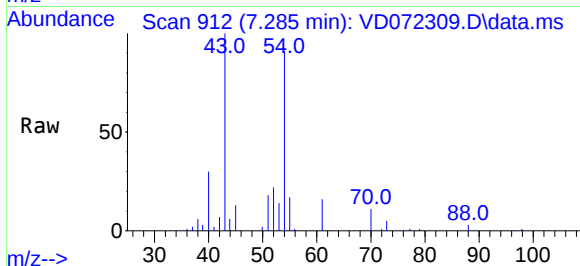
#37
Ethyl Acetate
Concen: 22.149 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02

Tgt Ion: 43	Resp: 4859
Ion Ratio	Lower Upper
43 100	
61 14.6	9.8 14.8
70 9.9	6.9 10.3

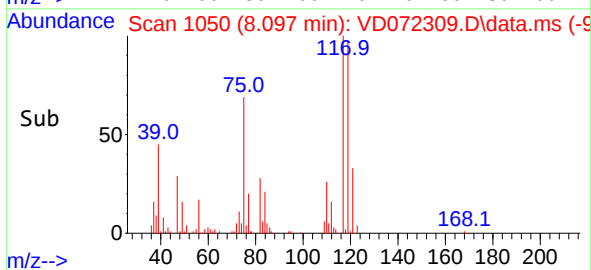
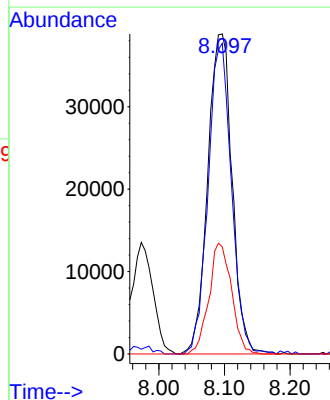
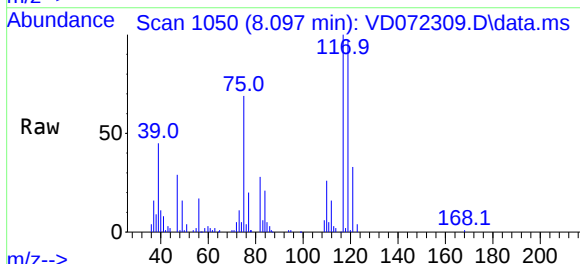
Manual Integrations
APPROVED

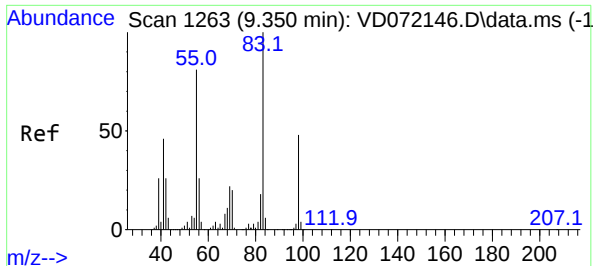
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#38
Carbon Tetrachloride
Concen: 17.589 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

Tgt Ion: 117	Resp: 100146
Ion Ratio	Lower Upper
117 100	
119 97.0	75.8 113.6
121 33.5	24.5 36.7





#39

Methylcyclohexane

Concen: 14.562 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD072309.D

Acq: 19 Mar 2022 01:17

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS02

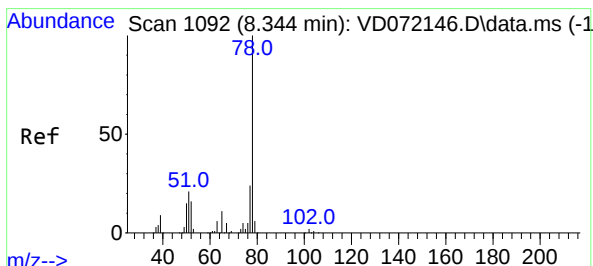
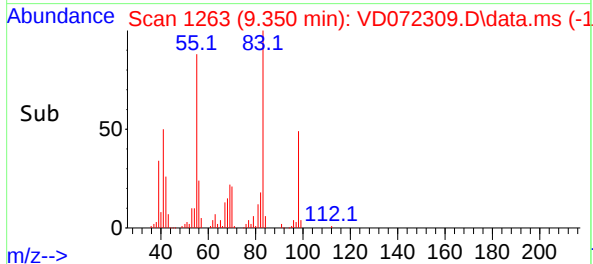
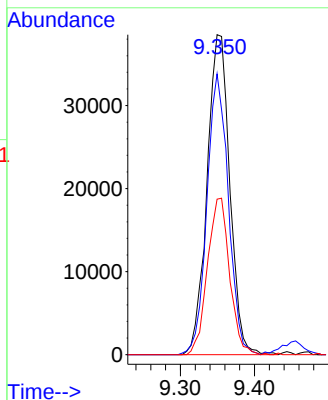
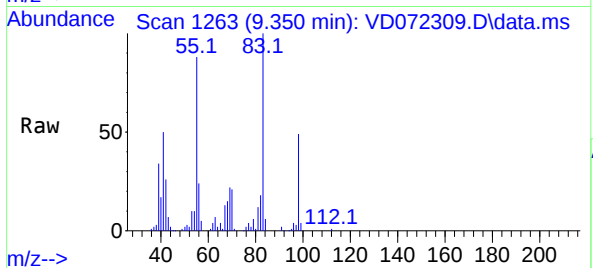
Tgt Ion: 83	Resp: 8207
Ion Ratio	Lower Upper
83	100
55	87.7 63.2 94.8
98	48.6 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#40

Benzene

Concen: 18.638 ug/l

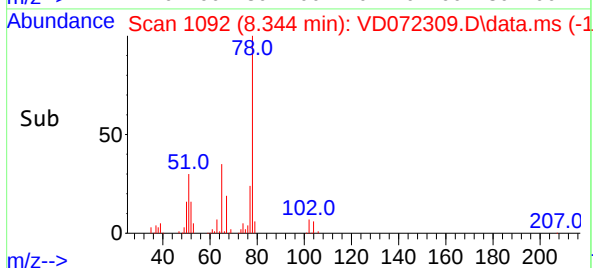
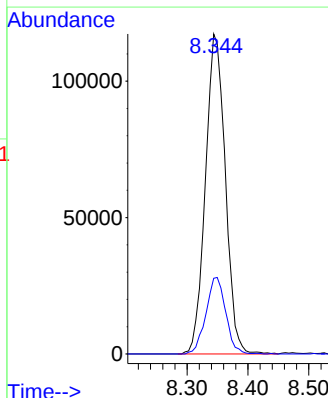
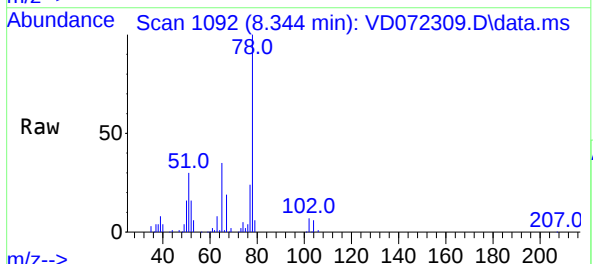
RT: 8.344 min Scan# 1092

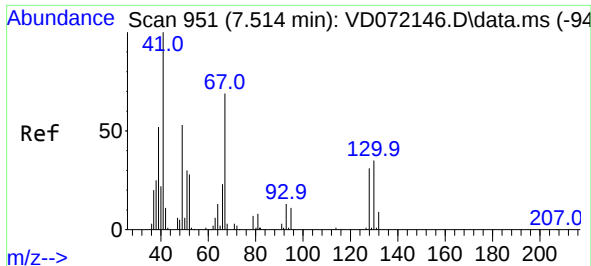
Delta R.T. -0.000 min

Lab File: VD072309.D

Acq: 19 Mar 2022 01:17

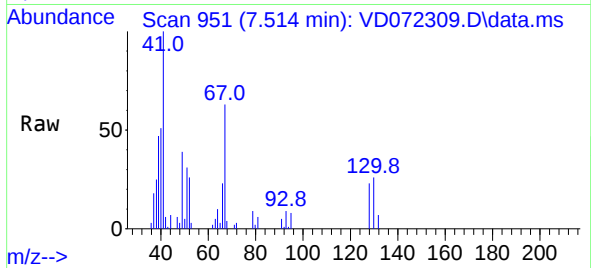
Tgt Ion: 78	Resp: 266324
Ion Ratio	Lower Upper
78	100
77	23.6 19.1 28.7





#41
Methacrylonitrile
Concen: 22.362 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

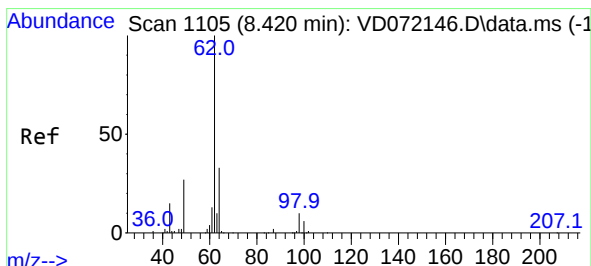
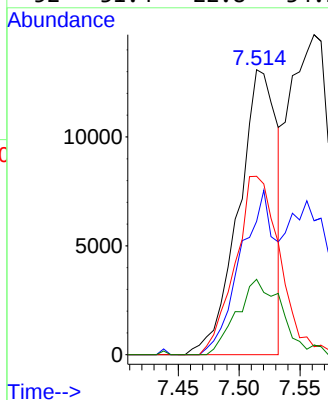
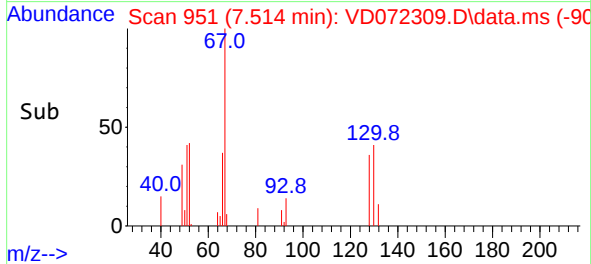
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



Tgt Ion: 41 Resp: 2859
Ion Ratio Lower Upper
41 100
39 52.7 44.6 67.0
67 73.4 48.2 72.4
52 31.4 22.8 34.2

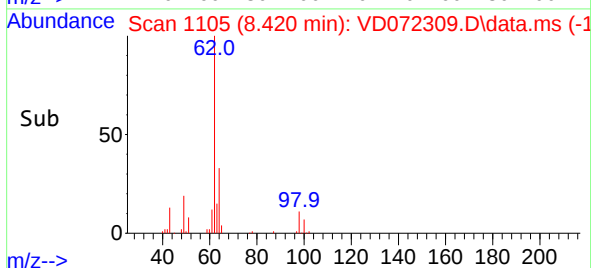
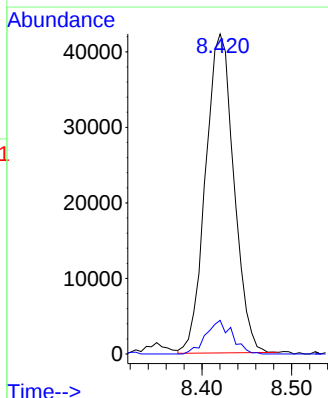
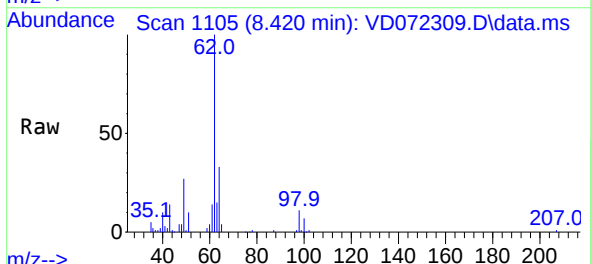
Manual Integrations
APPROVED

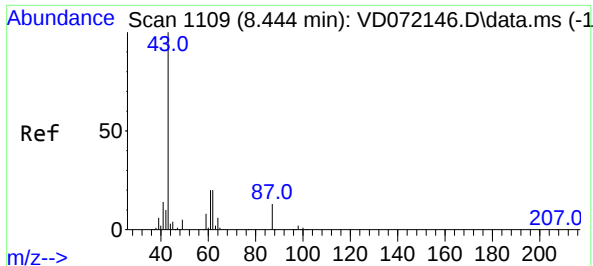
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#42
1,2-Dichloroethane
Concen: 21.358 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

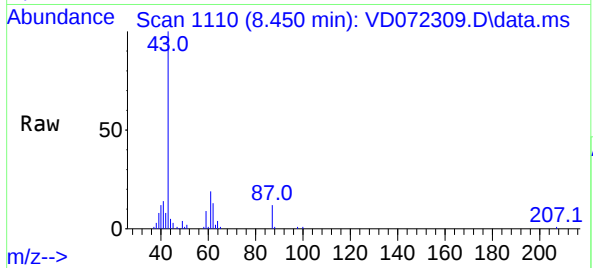
Tgt Ion: 62 Resp: 92580
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.809 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

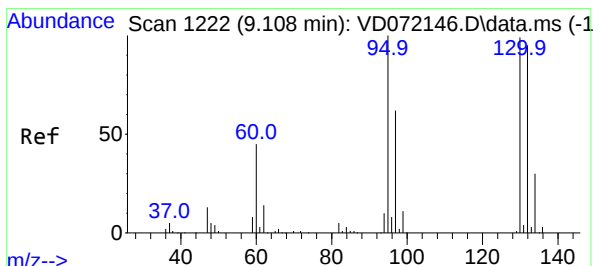
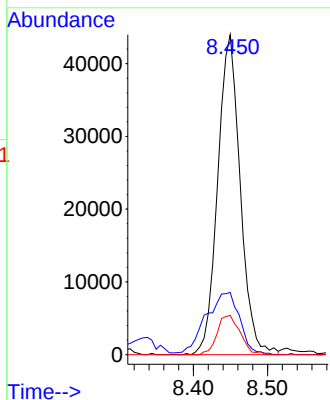
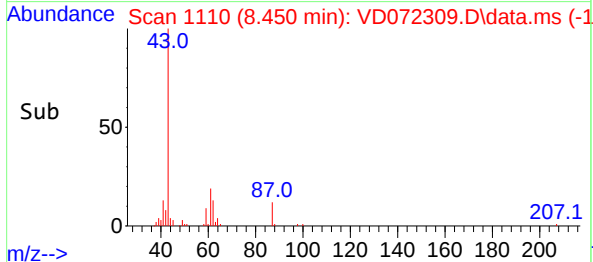
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



Tgt Ion: 43 Resp: 92875
Ion Ratio Lower Upper
43 100
61 29.3 22.4 33.6
87 12.5 8.7 13.1

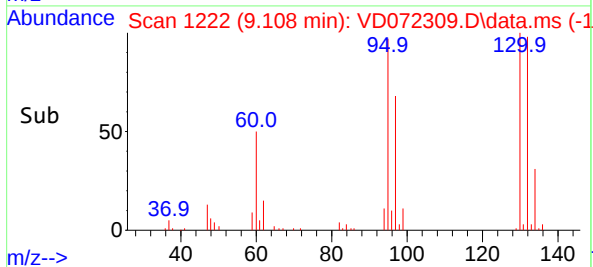
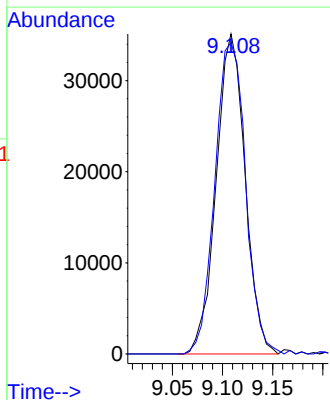
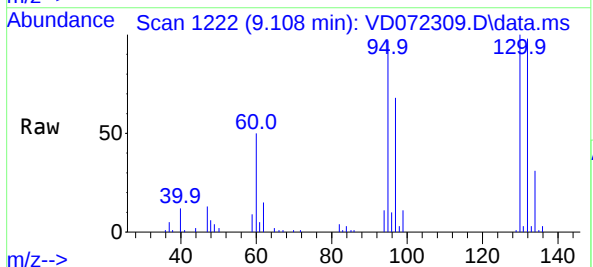
Manual Integrations
APPROVED

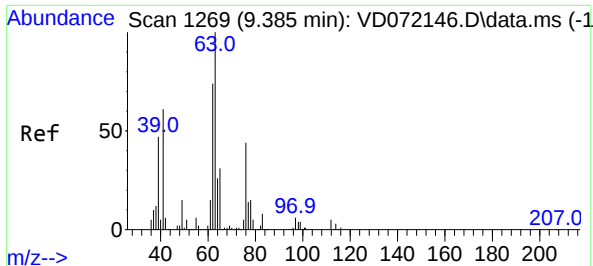
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#44
Trichloroethene
Concen: 17.548 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

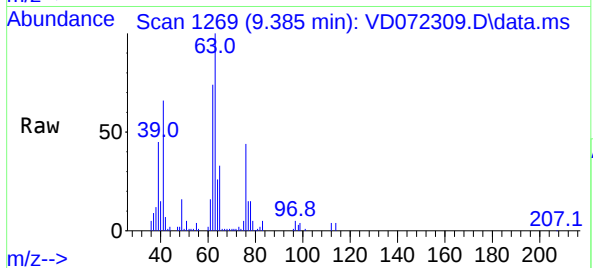
Tgt Ion:130 Resp: 70396
Ion Ratio Lower Upper
130 100
95 97.3 0.0 205.4





#45
1,2-Dichloropropane
Concen: 20.103 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

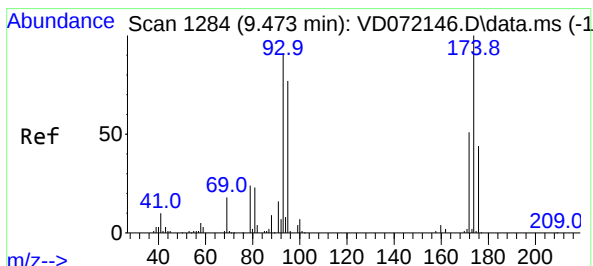
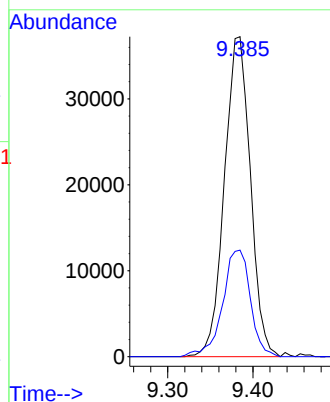
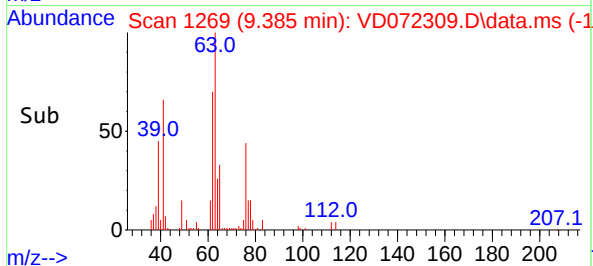
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



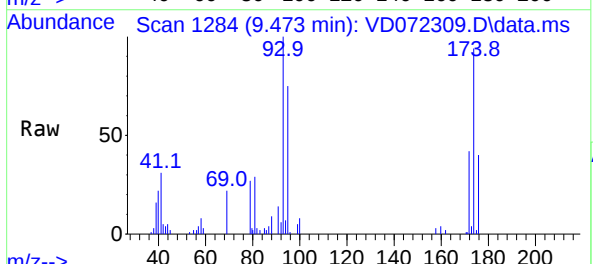
Tgt Ion: 63 Resp: 7878
Ion Ratio Lower Upper
63 100
65 33.3 26.2 39.4

Manual Integrations
APPROVED

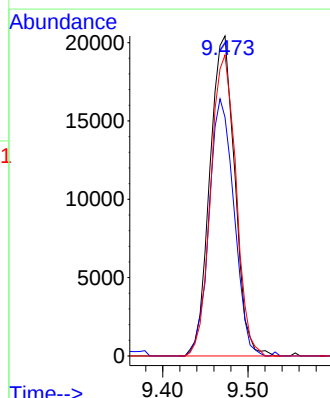
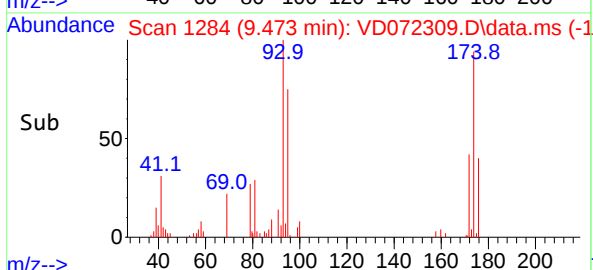
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

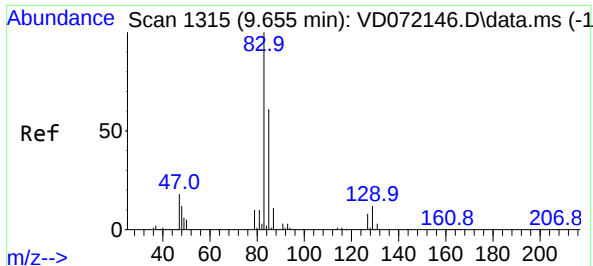


#46
Dibromomethane
Concen: 21.596 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



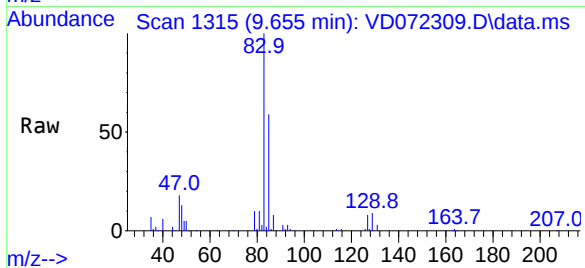
Tgt Ion: 93 Resp: 41632
Ion Ratio Lower Upper
93 100
95 80.1 66.7 100.1
174 94.7 71.6 107.4





#47
Bromodichloromethane
Concen: 21.262 ug/l
RT: 9.655 min Scan# 11948
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

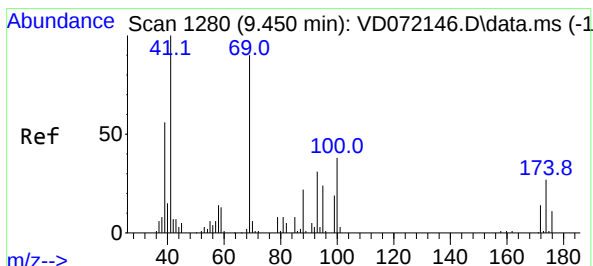
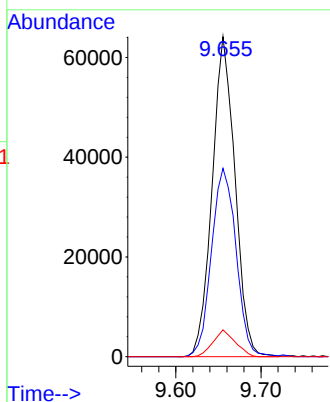
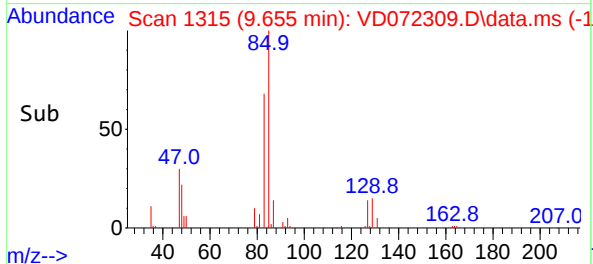
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



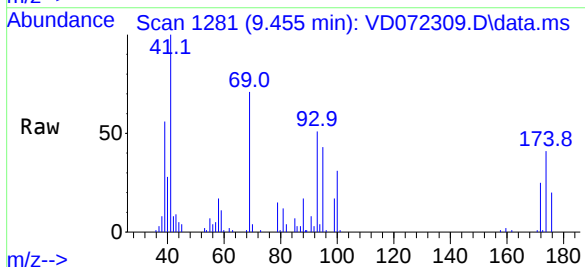
Tgt Ion: 83 Resp: 11948
Ion Ratio Lower Upper
83 100
85 58.8 51.4 77.0
127 8.4 6.1 9.1

Manual Integrations
APPROVED

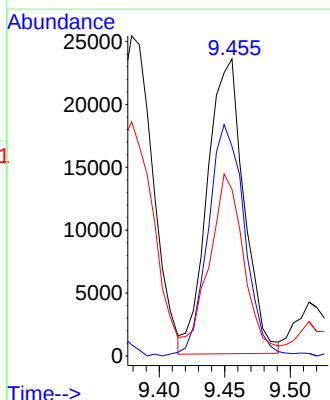
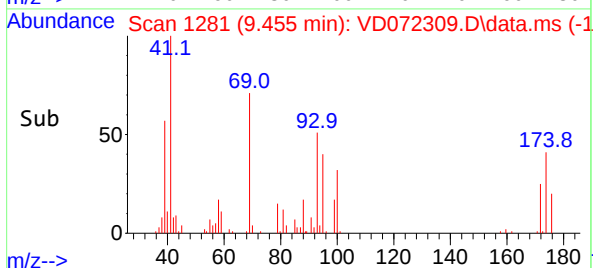
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

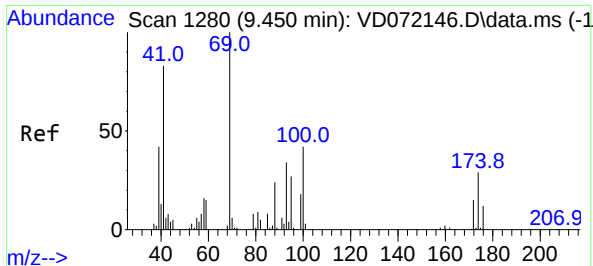


#48
Methyl methacrylate
Concen: 22.412 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



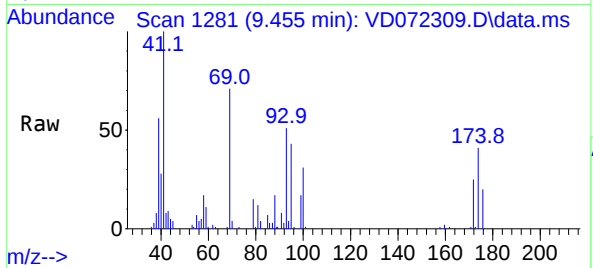
Tgt Ion: 41 Resp: 45573
Ion Ratio Lower Upper
41 100
69 78.5 56.7 85.1
39 59.2 42.7 64.1





#49
1,4-Dioxane
Concen: 405.201 ug/l
RT: 9.455 min Scan# 1280
Delta R.T. 0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

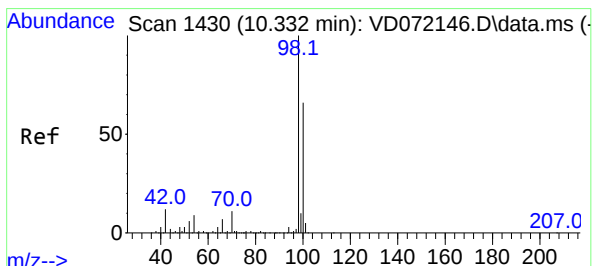
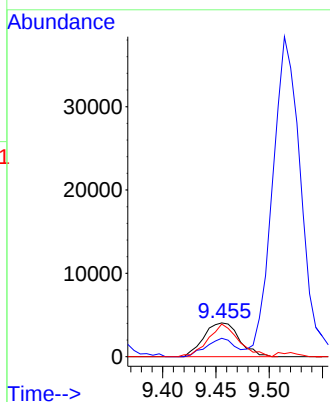
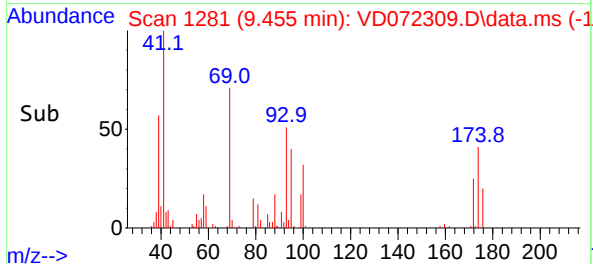
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



Tgt Ion: 88 Resp: 936
Ion Ratio Lower Upper
88 100
43 43.4 31.0 46.4
58 82.6 58.1 87.1

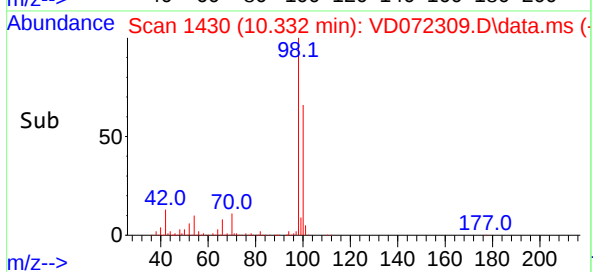
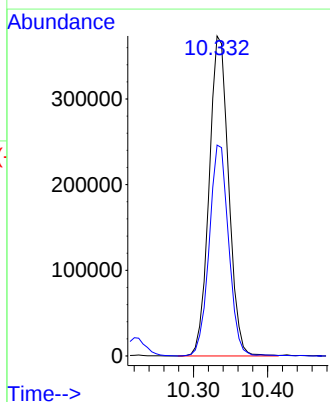
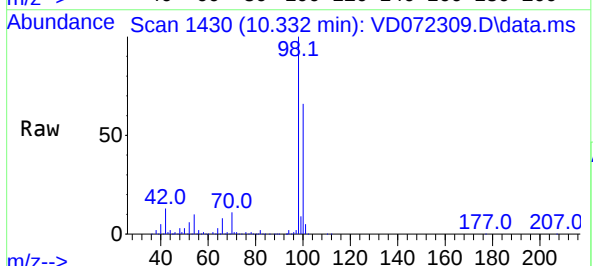
Manual Integrations
APPROVED

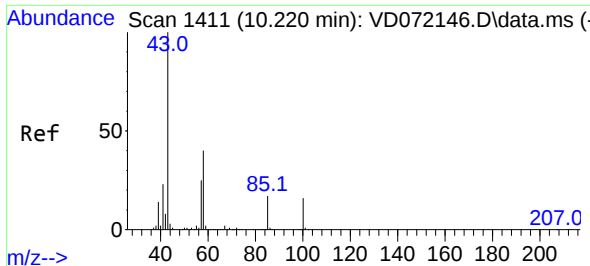
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#50
Toluene-d8
Concen: 52.252 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

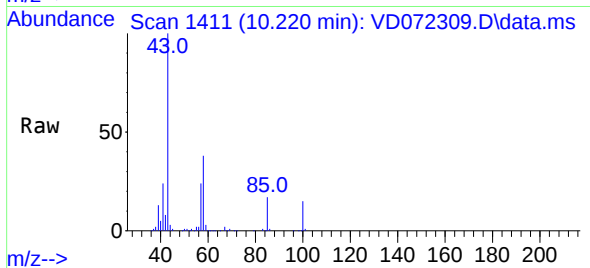
Tgt Ion: 98 Resp: 682156
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 115.277 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

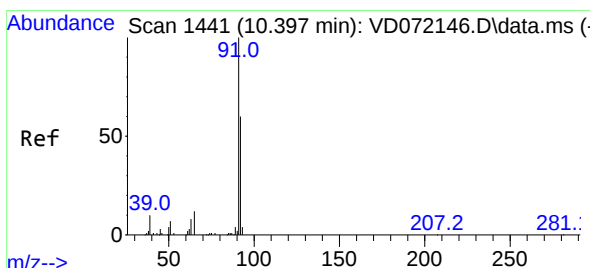
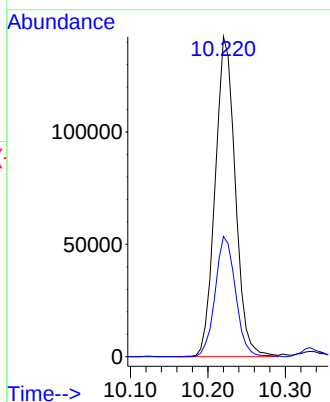
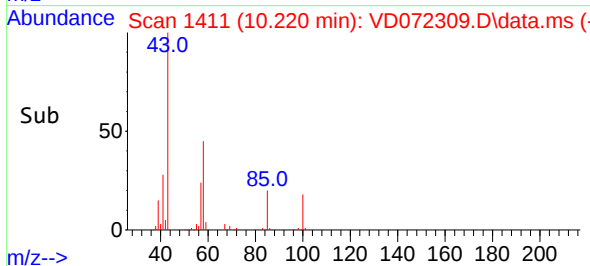
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



Tgt Ion: 43 Resp: 25784
Ion Ratio Lower Upper
43 100
58 38.0 28.6 43.0

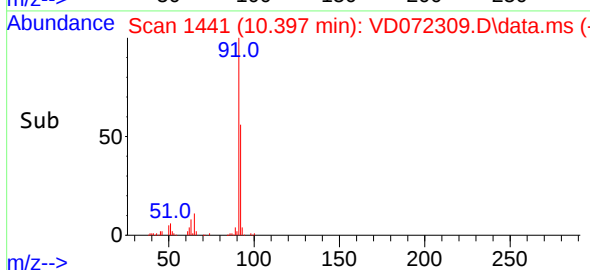
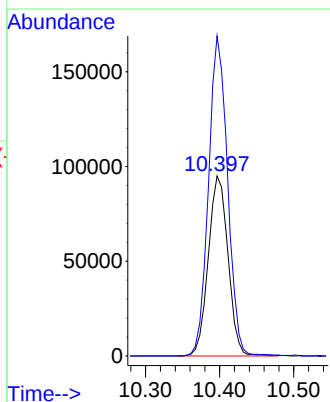
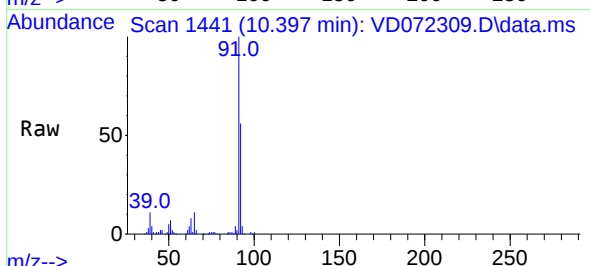
Manual Integrations
APPROVED

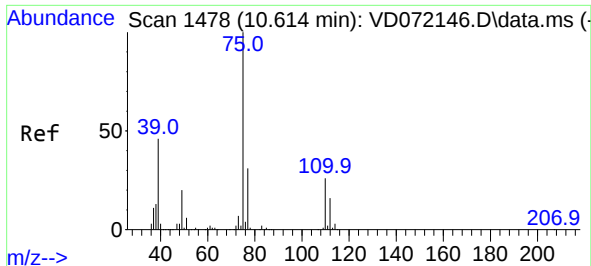
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#52
Toluene
Concen: 18.708 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

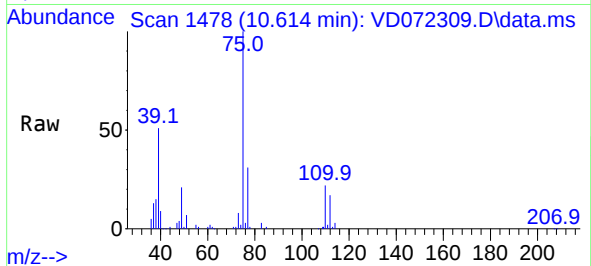
Tgt Ion: 92 Resp: 175910
Ion Ratio Lower Upper
92 100
91 171.8 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 19.398 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

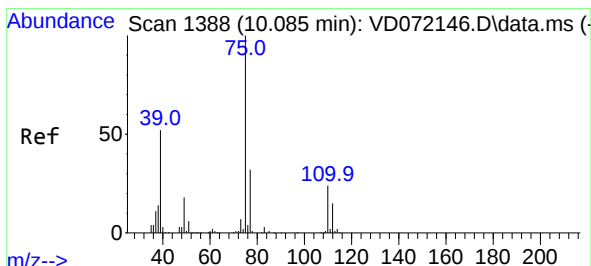
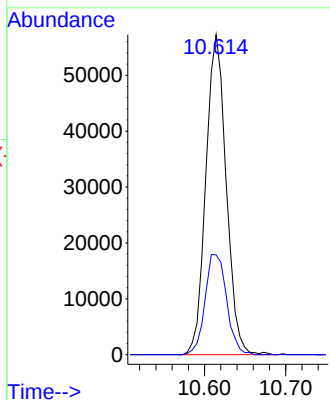
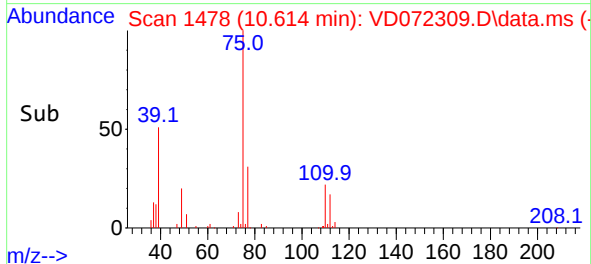
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



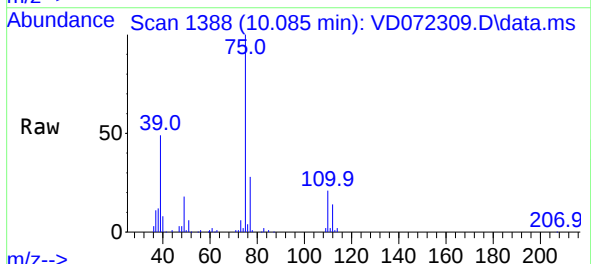
Tgt Ion: 75 Resp: 9960
Ion Ratio Lower Upper
75 100
77 31.2 24.5 36.7

Manual Integrations
APPROVED

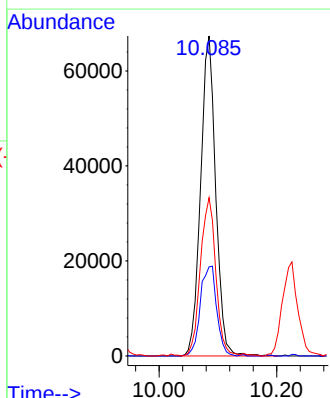
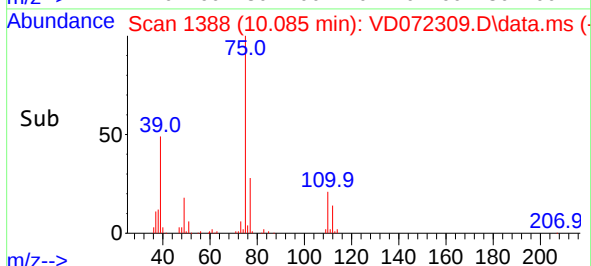
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

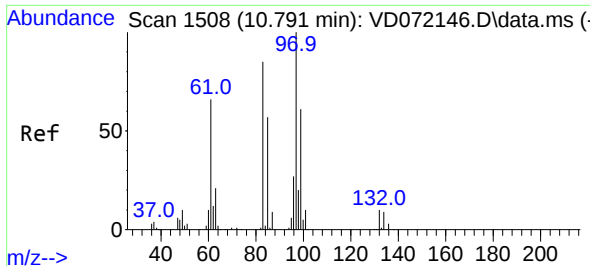


#54
cis-1,3-Dichloropropene
Concen: 20.231 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



Tgt Ion: 75 Resp: 120085
Ion Ratio Lower Upper
75 100
77 27.8 24.8 37.2
39 49.2 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 21.298 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

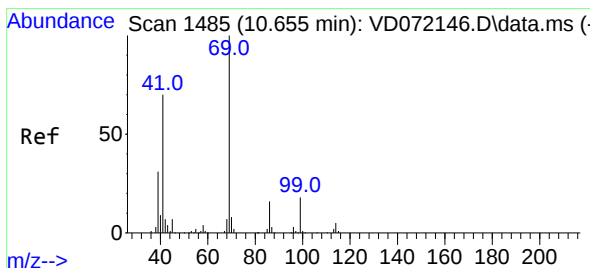
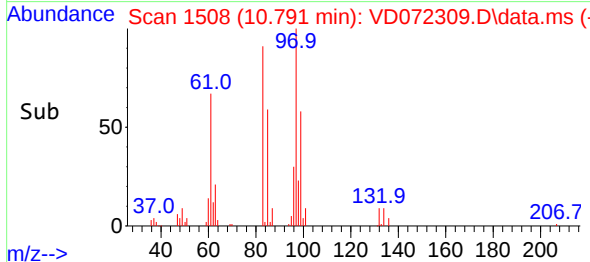
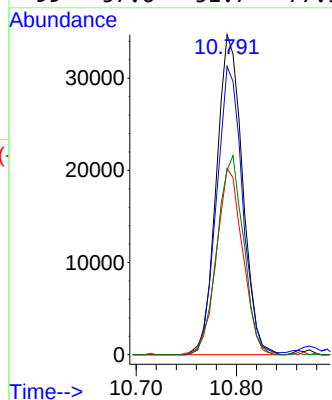
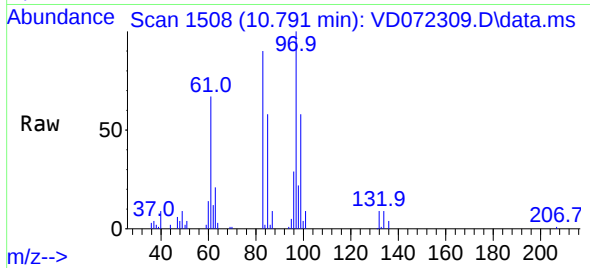
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02

Tgt Ion: 97 Resp: 6254

Ion	Ratio	Lower	Upper
97	100		
83	90.0	69.0	103.4
85	58.2	42.6	63.8
99	57.6	51.7	77.5

Manual Integrations
APPROVED

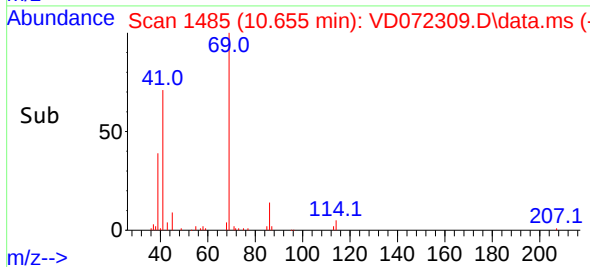
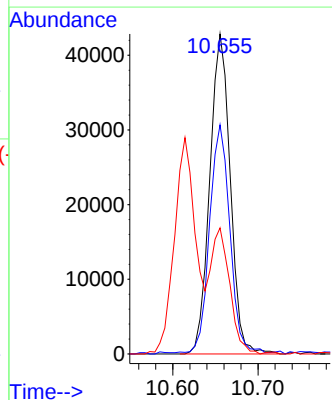
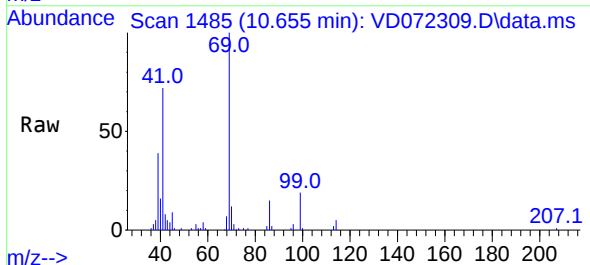
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

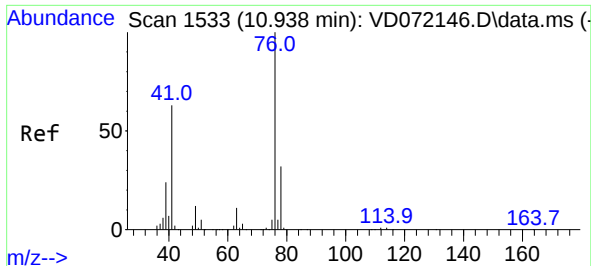


#56
Ethyl methacrylate
Concen: 20.786 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

Tgt Ion: 69 Resp: 71496

Ion	Ratio	Lower	Upper
69	100		
41	70.1	63.0	94.6
39	36.5	33.8	50.8





#57

1,3-Dichloropropane

Concen: 21.391 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072309.D

Acq: 19 Mar 2022 01:17

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS02

Tgt Ion: 76 Resp: 105420

Ion Ratio Lower Upper

76 100

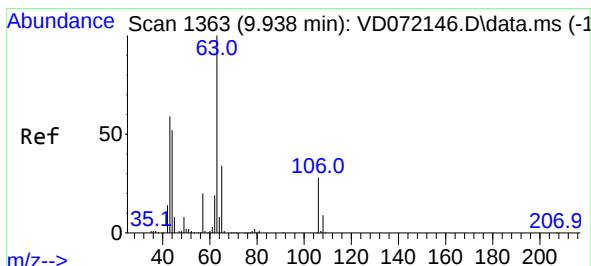
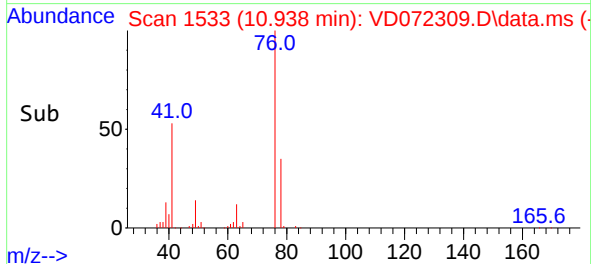
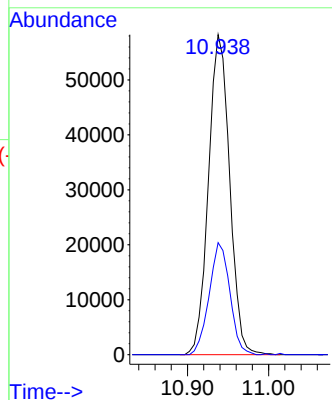
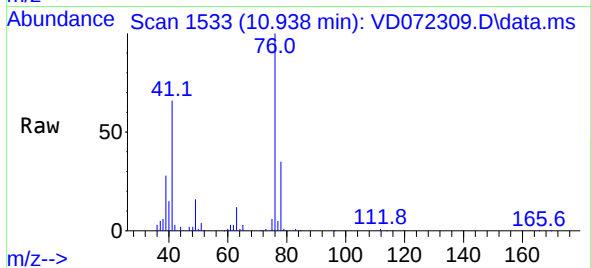
78 34.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 96.040 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD072309.D

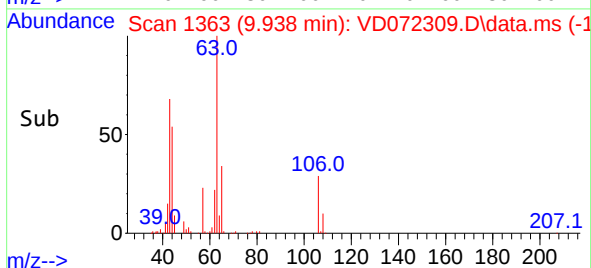
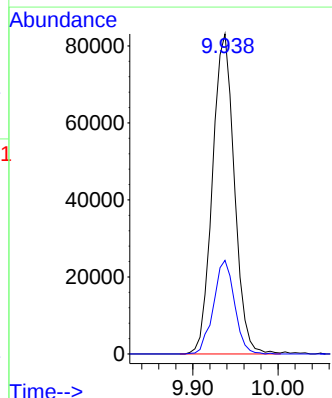
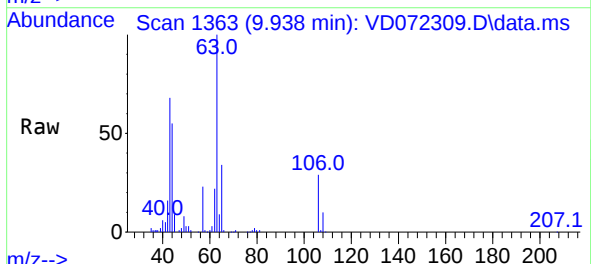
Acq: 19 Mar 2022 01:17

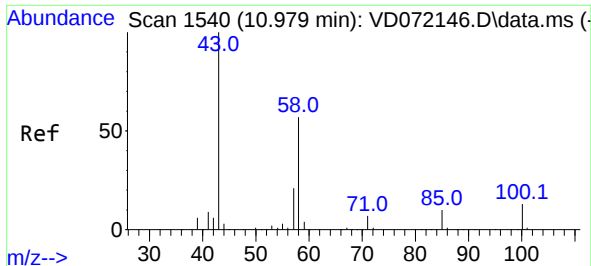
Tgt Ion: 63 Resp: 148532

Ion Ratio Lower Upper

63 100

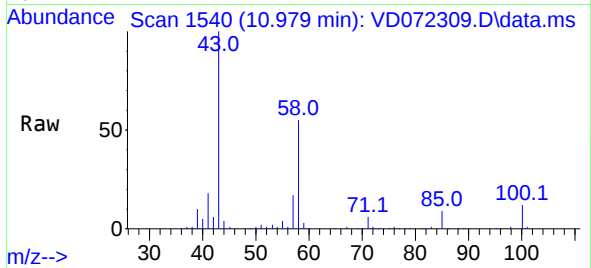
106 28.1 21.4 32.0





#59
2-Hexanone
Concen: 113.478 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

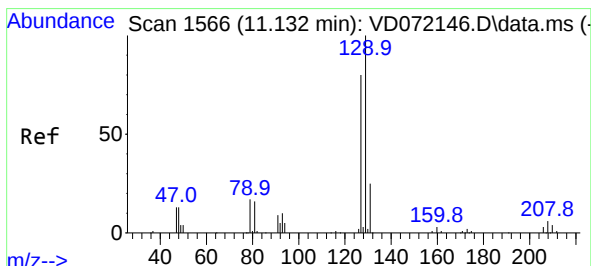
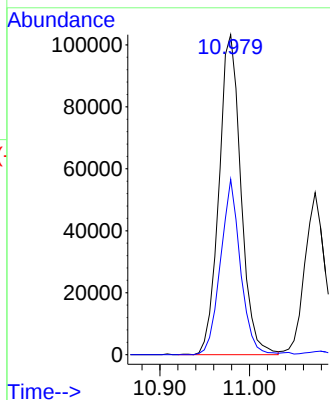
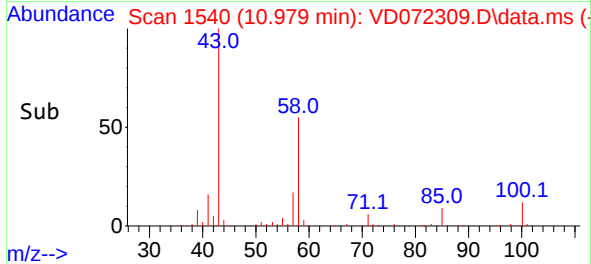
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



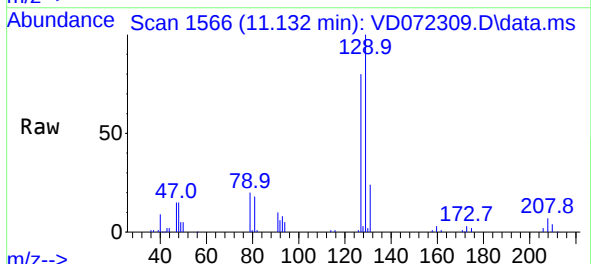
Tgt Ion: 43 Resp: 175304
Ion Ratio Lower Upper
43 100
58 49.7 25.3 75.9

Manual Integrations
APPROVED

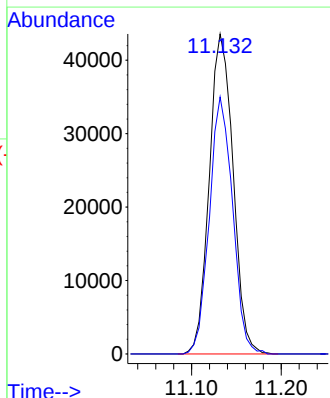
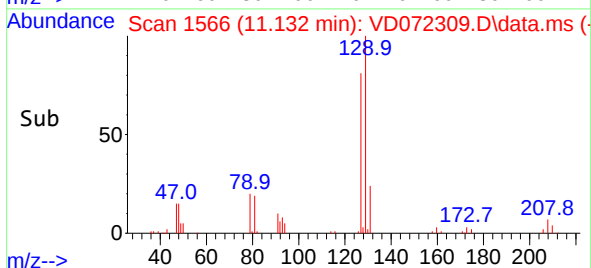
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

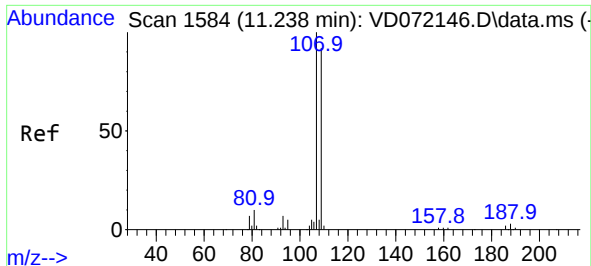


#60
Dibromochloromethane
Concen: 21.088 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



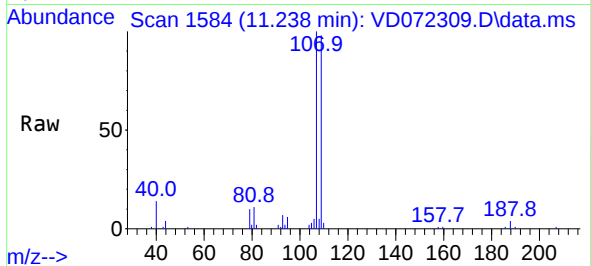
Tgt Ion:129 Resp: 80356
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#61
1,2-Dibromoethane
Concen: 20.654 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

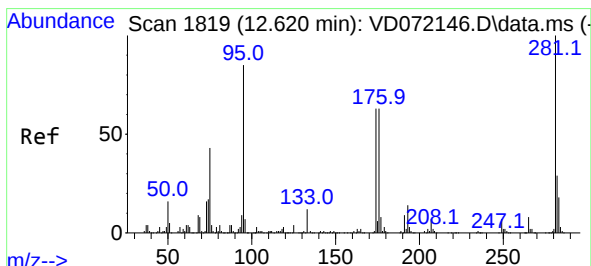
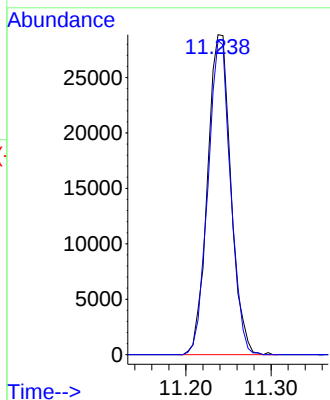
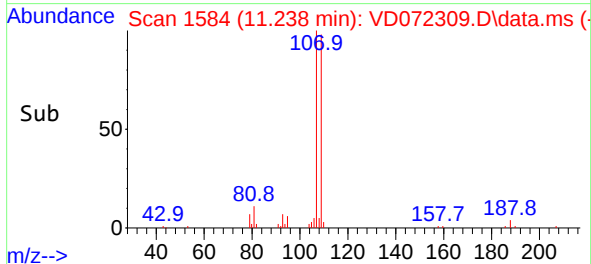
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



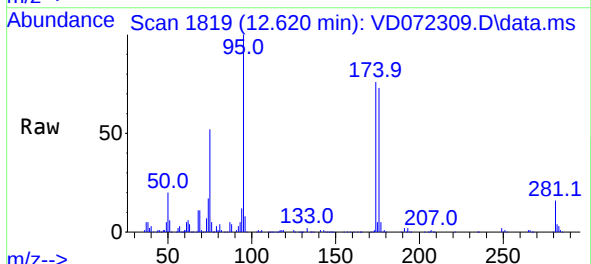
Tgt Ion:107 Resp: 5480
Ion Ratio Lower Upper
107 100
109 95.3 74.2 111.4

Manual Integrations
APPROVED

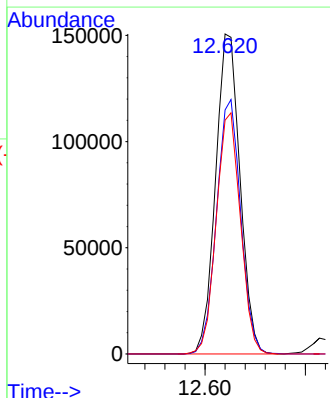
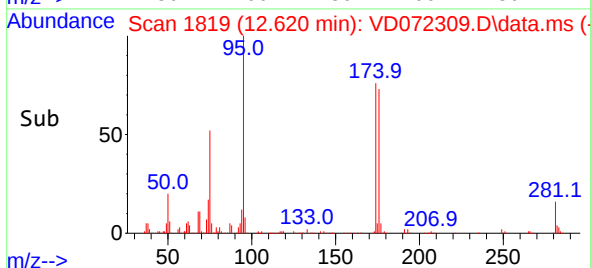
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#62
4-Bromofluorobenzene
Concen: 50.169 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



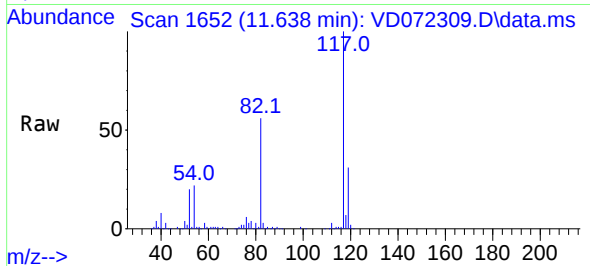
Tgt Ion: 95 Resp: 254488
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.8
176 74.6 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

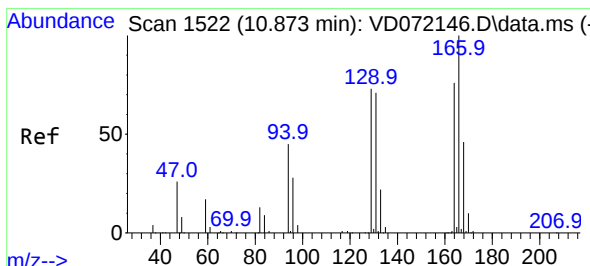
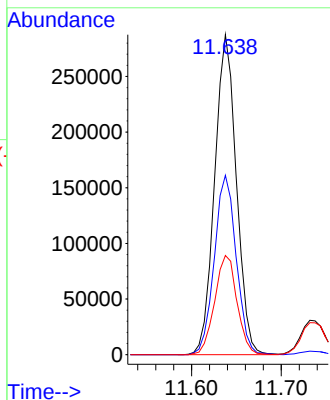
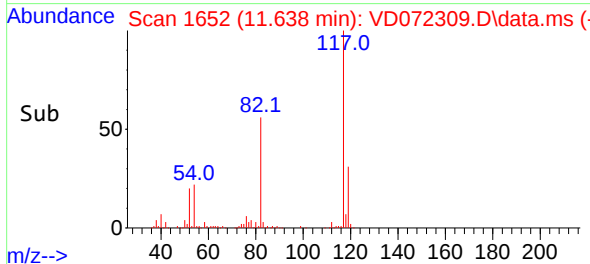
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



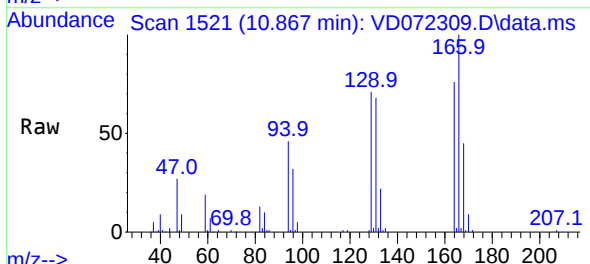
Tgt Ion:117 Resp: 483950
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 31.0 26.6 40.0

Manual Integrations
APPROVED

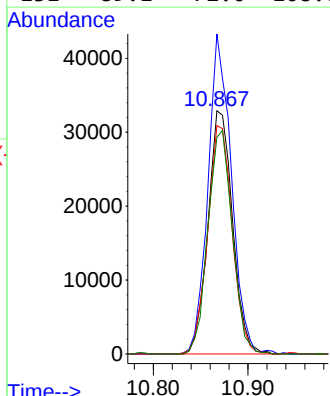
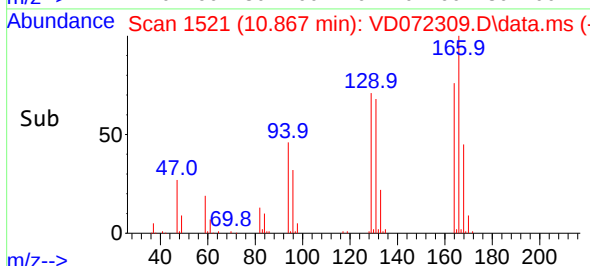
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

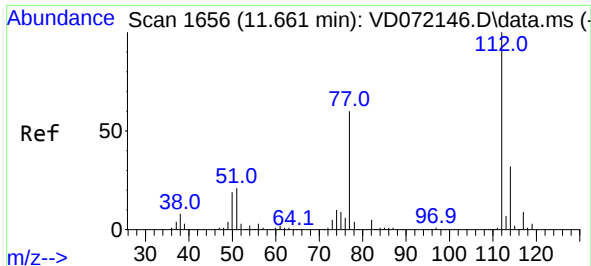


#64
Tetrachloroethene
Concen: 17.386 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



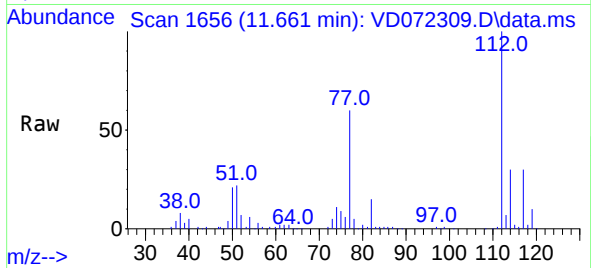
Tgt Ion:164 Resp: 59284
Ion Ratio Lower Upper
164 100
166 131.5 98.5 147.7
129 93.9 74.6 111.8
131 89.1 72.0 108.0





#65
Chlorobenzene
Concen: 19.131 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

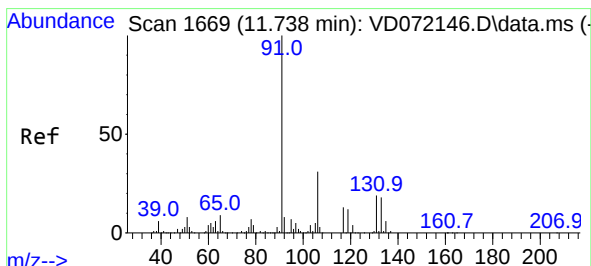
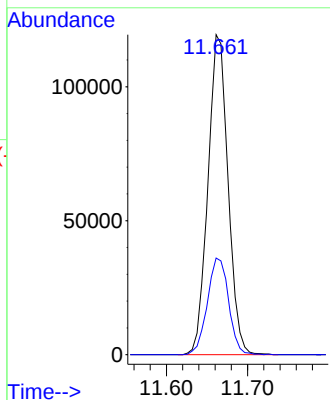
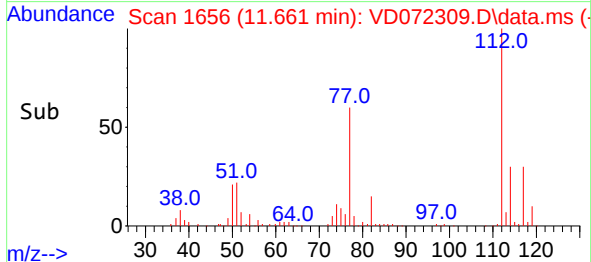
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



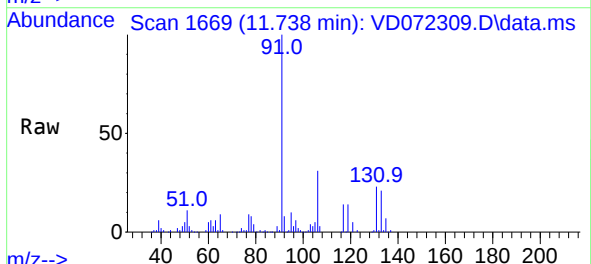
Tgt Ion:112 Resp: 20525
Ion Ratio Lower Upper
112 100
114 30.2 25.8 38.6

Manual Integrations
APPROVED

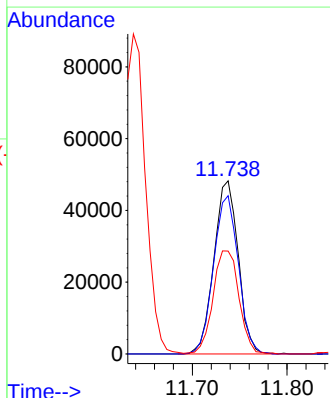
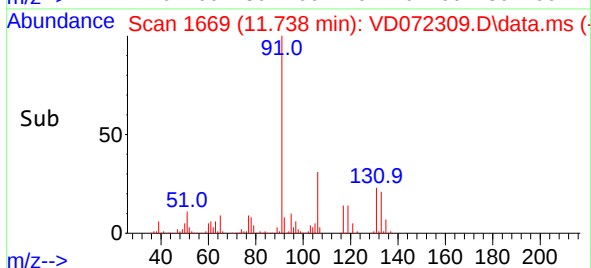
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

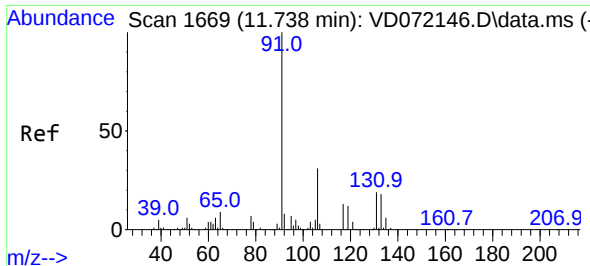


#66
1,1,1,2-Tetrachloroethane
Concen: 20.266 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



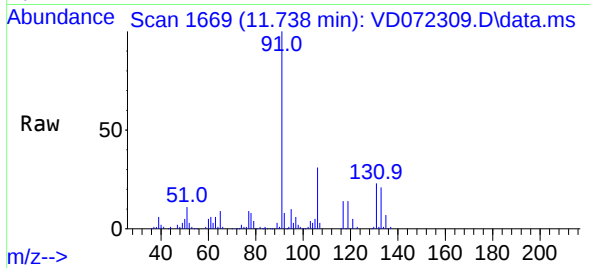
Tgt Ion:131 Resp: 85983
Ion Ratio Lower Upper
131 100
133 93.5 48.1 144.3
119 63.8 31.9 95.9





#67
Ethyl Benzene
Concen: 17.821 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

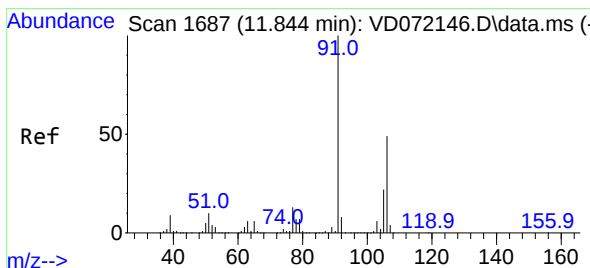
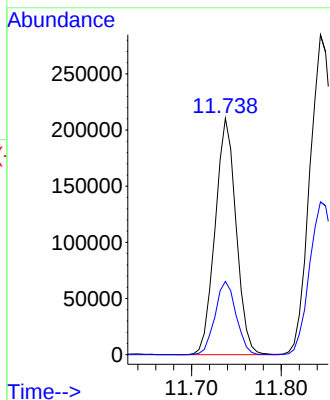
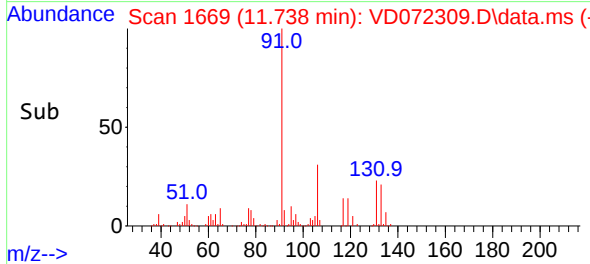
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



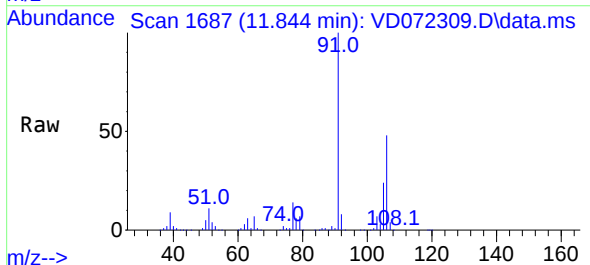
Tgt Ion: 91 Resp: 341500
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4

Manual Integrations
APPROVED

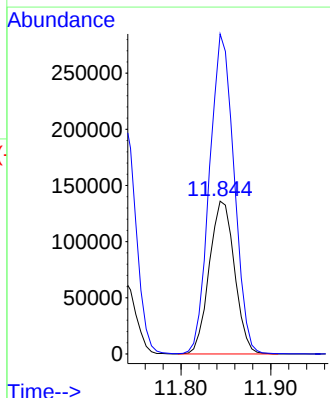
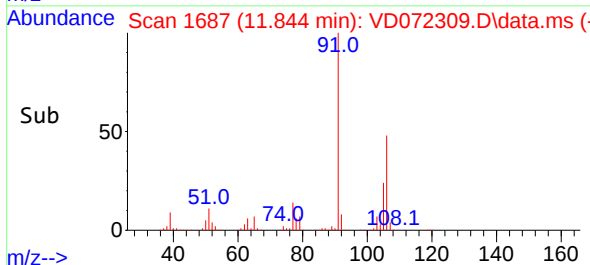
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

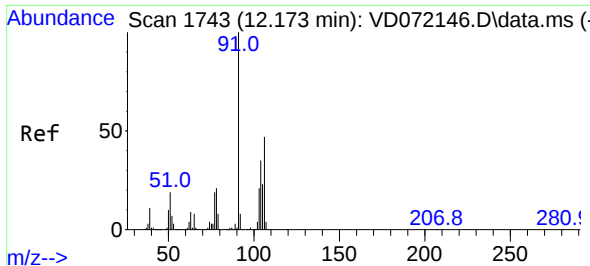


#68
m/p-Xylenes
Concen: 36.515 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



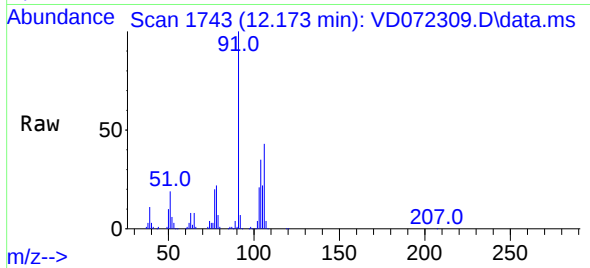
Tgt Ion:106 Resp: 265696
Ion Ratio Lower Upper
106 100
91 204.3 163.7 245.5





#69
o-Xylene
Concen: 18.333 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

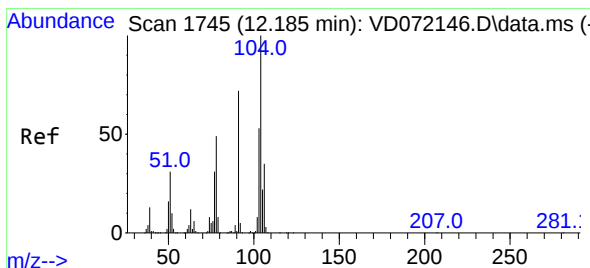
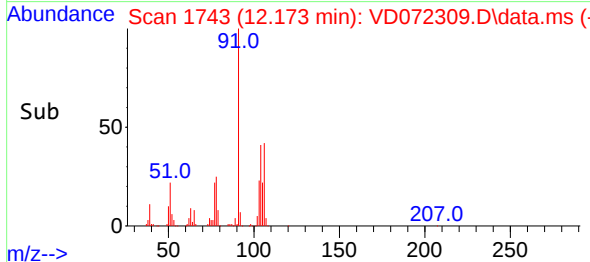
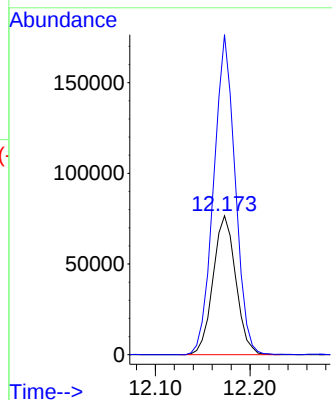
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



Tgt Ion:106 Resp: 127599
Ion Ratio Lower Upper
106 100
91 218.0 110.4 331.2

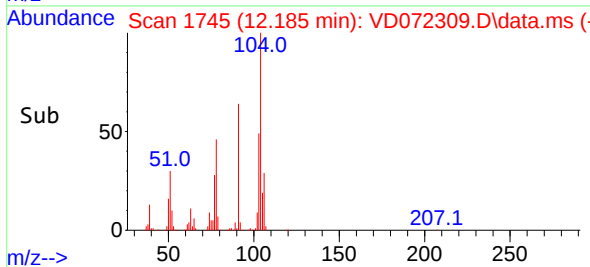
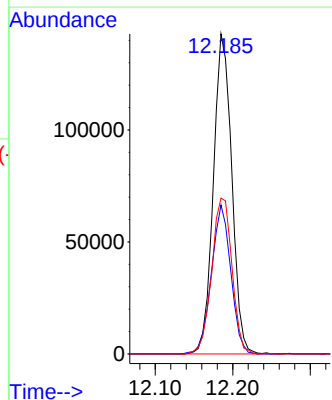
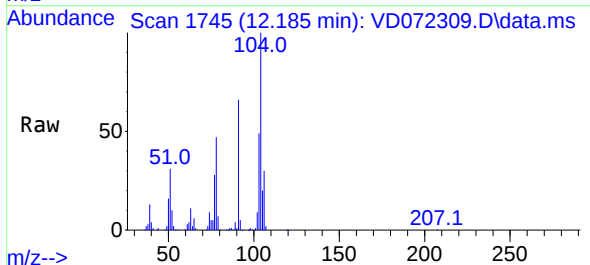
Manual Integrations
APPROVED

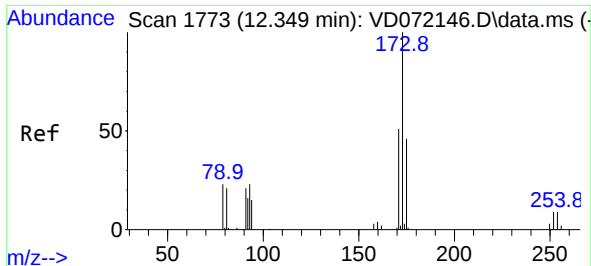
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#70
Styrene
Concen: 19.393 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

Tgt Ion:104 Resp: 235696
Ion Ratio Lower Upper
104 100
78 49.1 41.8 62.8
103 53.5 44.2 66.4





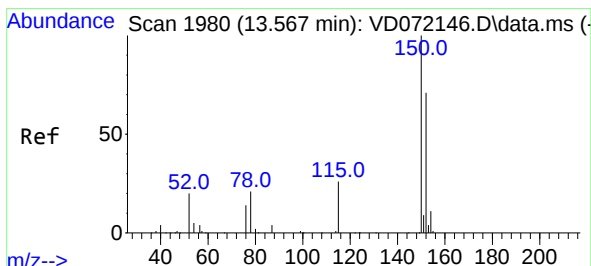
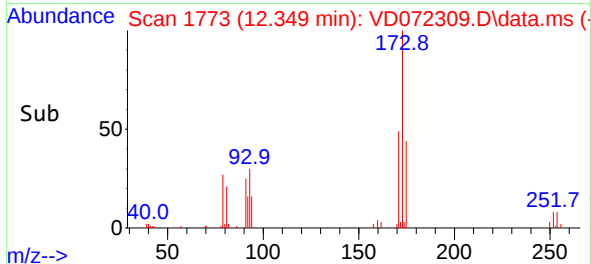
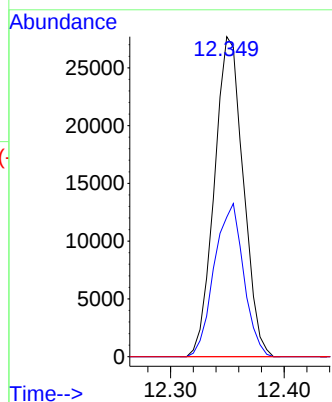
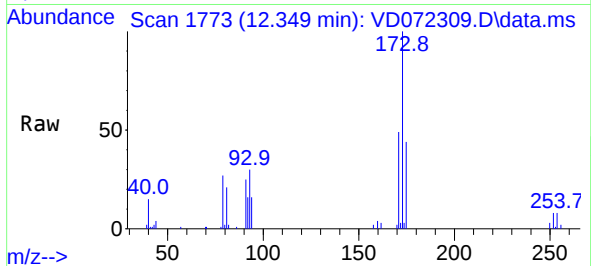
#71
Bromoform
Concen: 21.573 ug/l
RT: 12.349 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02

Tgt Ion:173 Resp: 48892
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.8
254 0.0 0.0 0.0

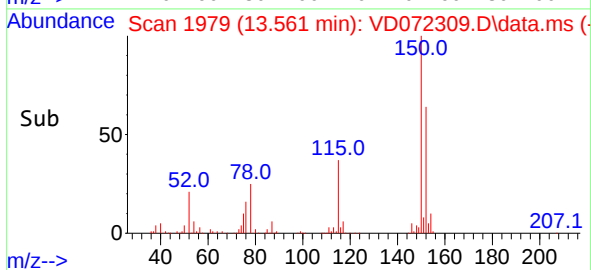
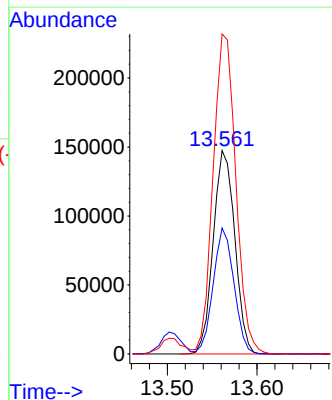
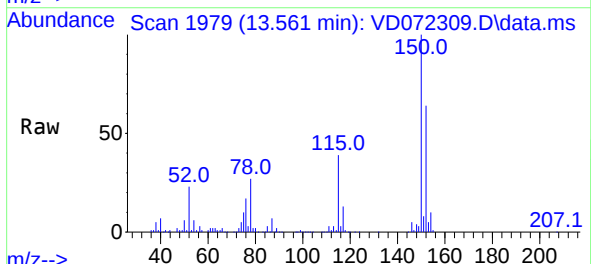
Manual Integrations
APPROVED

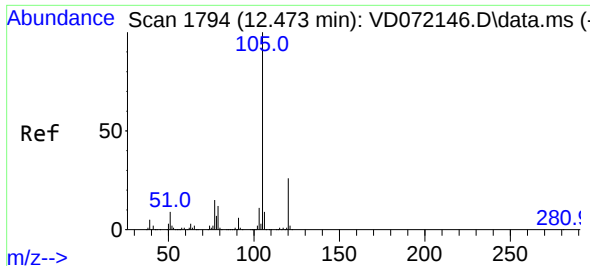
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

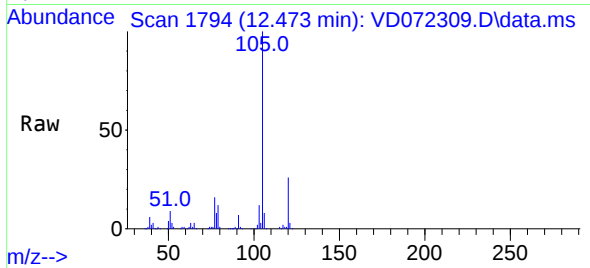
Tgt Ion:152 Resp: 246890
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 165.6 0.0 348.6





#73
Isopropylbenzene
Concen: 18.199 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

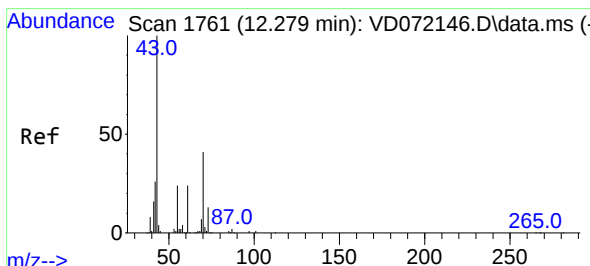
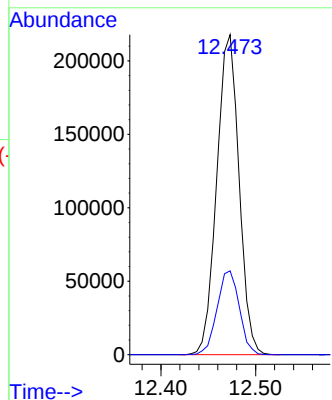
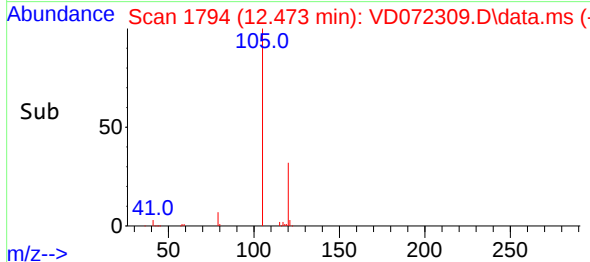
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



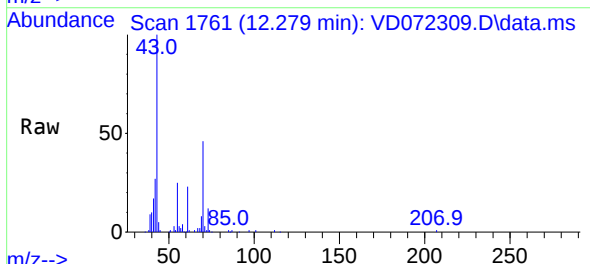
Tgt Ion:105 Resp: 35606
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

Manual Integrations
APPROVED

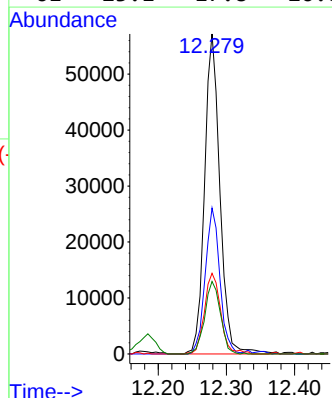
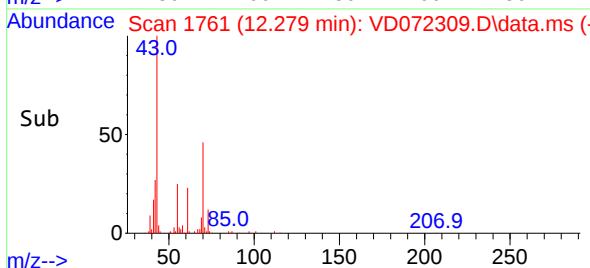
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

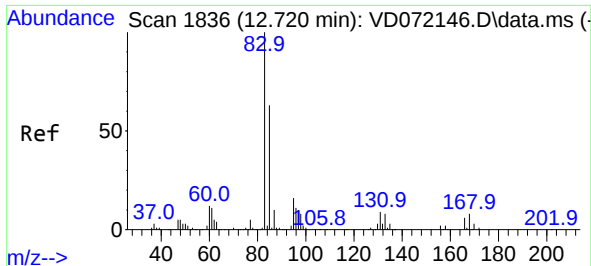


#74
N-ethyl acetate
Concen: 21.284 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



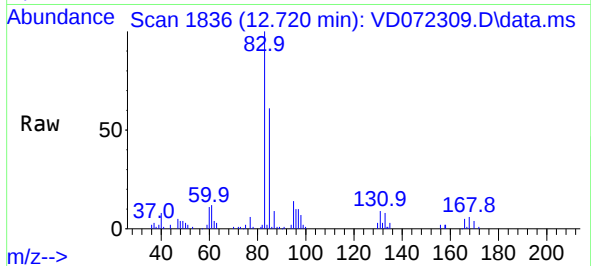
Tgt Ion: 43 Resp: 89490
Ion Ratio Lower Upper
43 100
70 43.5 31.3 46.9
55 26.6 20.0 30.0
61 23.1 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 22.863 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

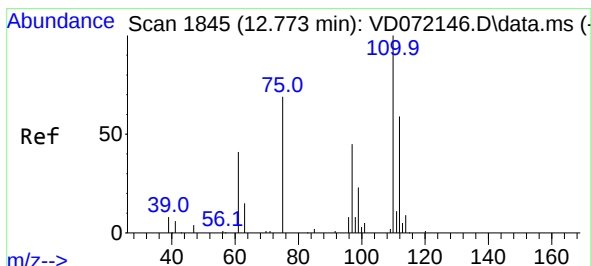
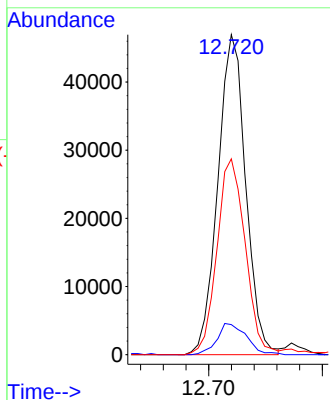
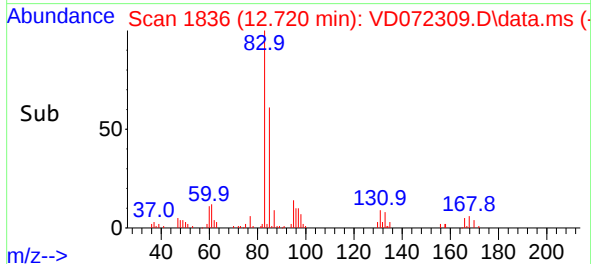
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



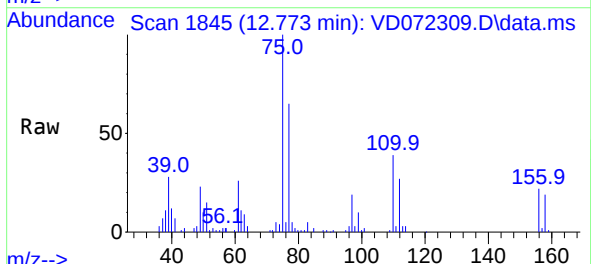
Tgt Ion: 83 Resp: 79999
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 62.0 32.6 98.0

Manual Integrations
APPROVED

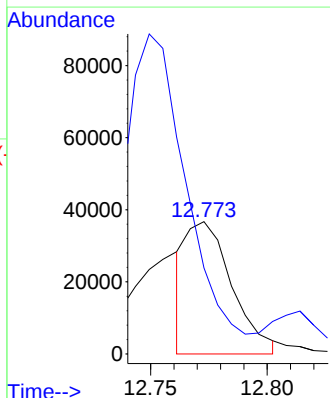
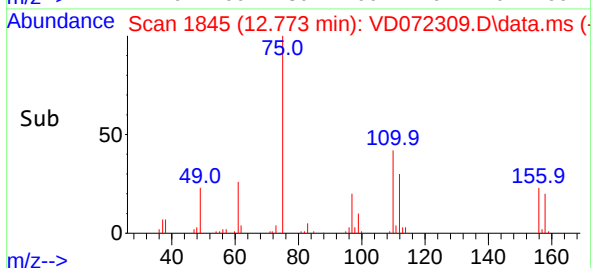
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

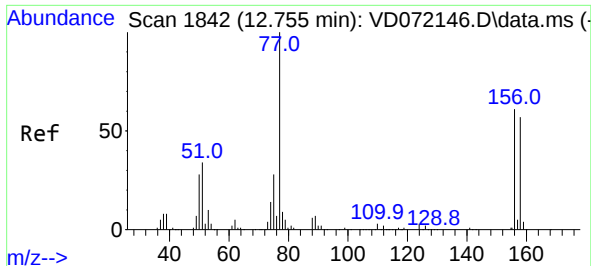


#76
1,2,3-Trichloropropane
Concen: 18.374 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



Tgt Ion: 75 Resp: 50040
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





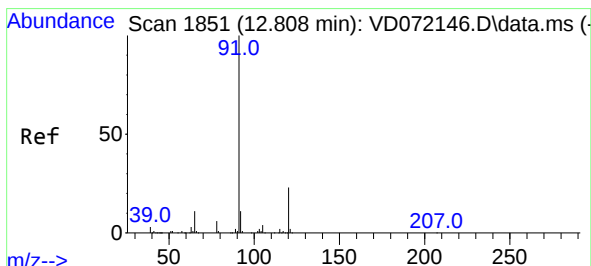
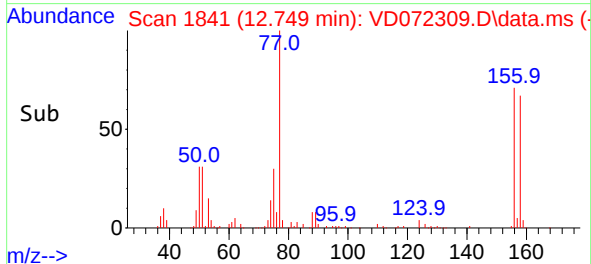
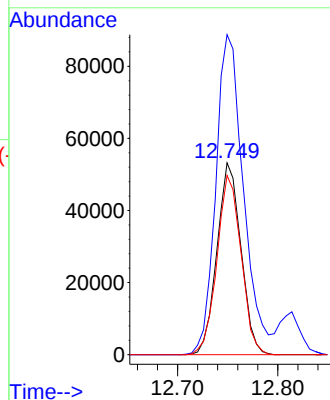
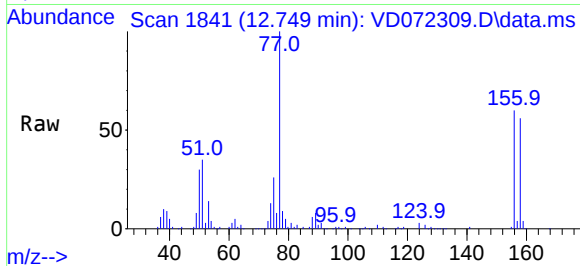
#77
Bromobenzene
Concen: 20.048 ug/l
RT: 12.749 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02

Tgt Ion:156 Resp: 8828
Ion Ratio Lower Upper
156 100
77 191.6 102.8 308.3
158 94.1 48.7 146.1

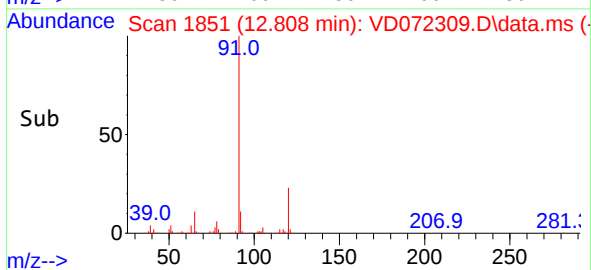
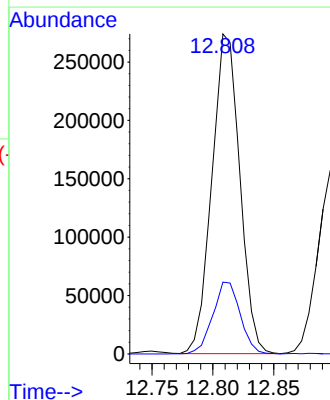
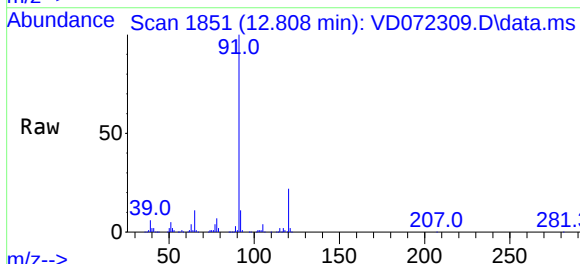
Manual Integrations
APPROVED

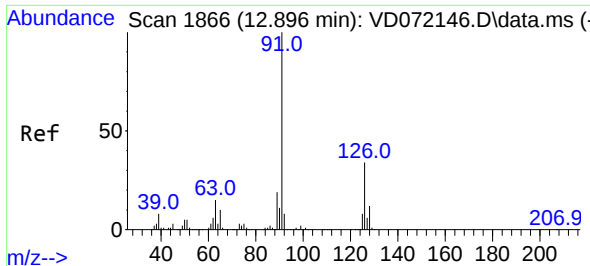
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#78
n-propylbenzene
Concen: 18.393 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

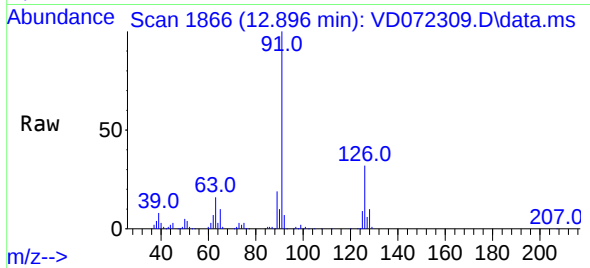
Tgt Ion: 91 Resp: 437105
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9





#79
2-Chlorotoluene
Concen: 19.188 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

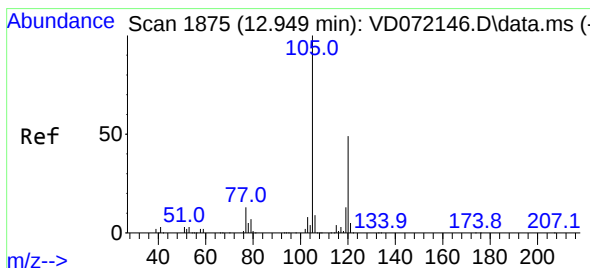
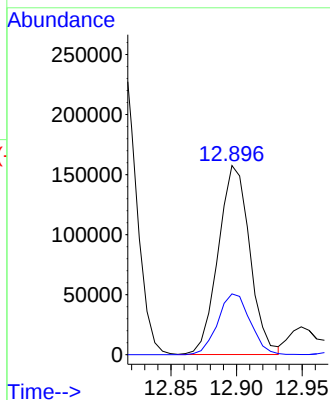
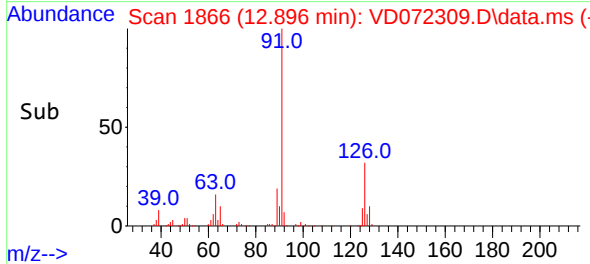
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



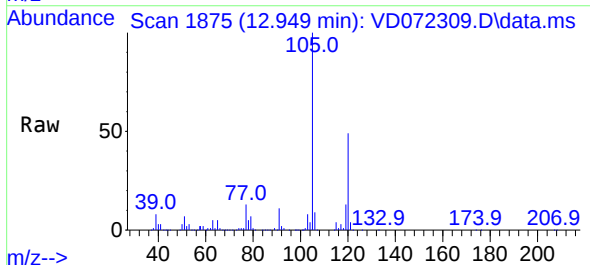
Tgt Ion: 91 Resp: 263680
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

Manual Integrations
APPROVED

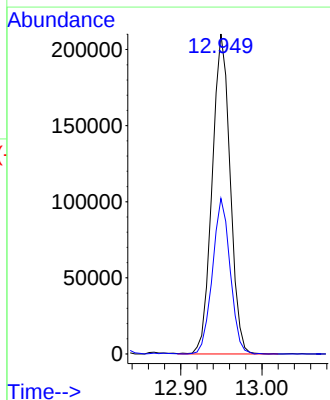
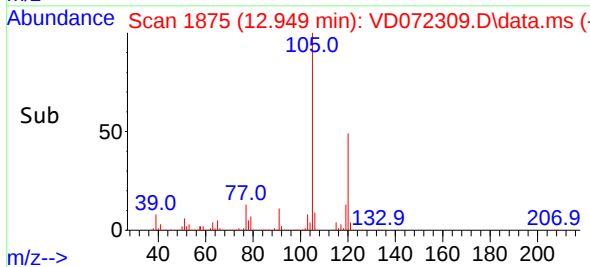
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

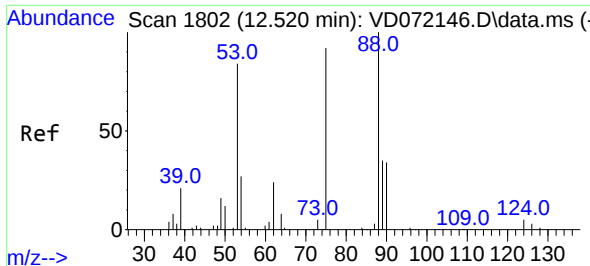


#80
1,3,5-Trimethylbenzene
Concen: 19.245 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



Tgt Ion:105 Resp: 323468
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.8





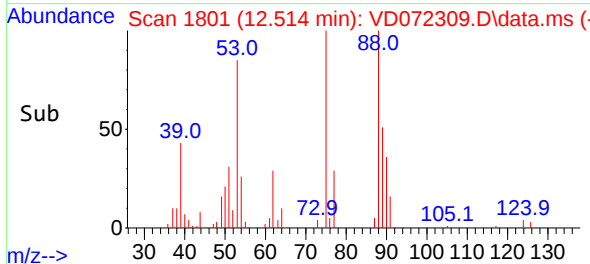
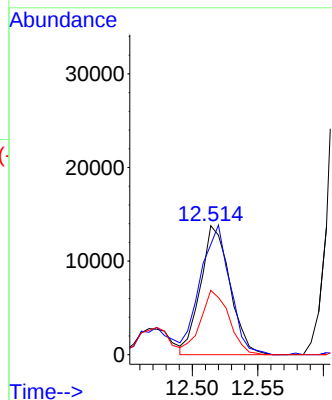
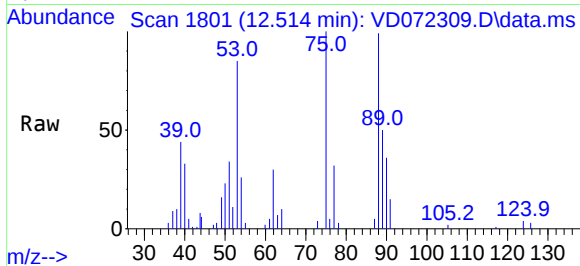
#81
trans-1,4-Dichloro-2-butene
Concen: 19.588 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02

Tgt Ion: 75 Resp: 21500
Ion Ratio Lower Upper
75 100
53 101.8 86.5 129.7
89 48.5 33.9 50.9

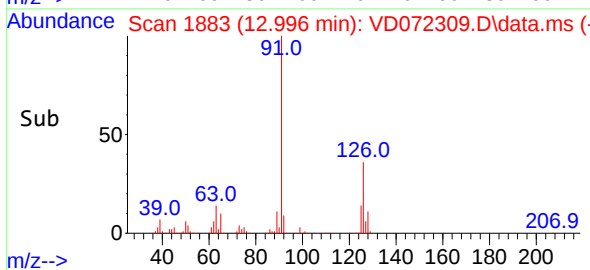
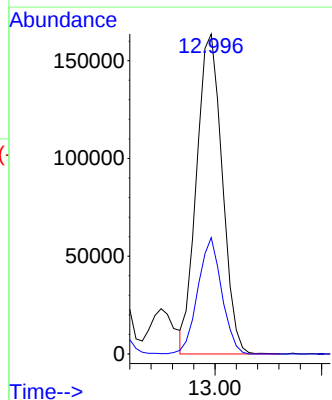
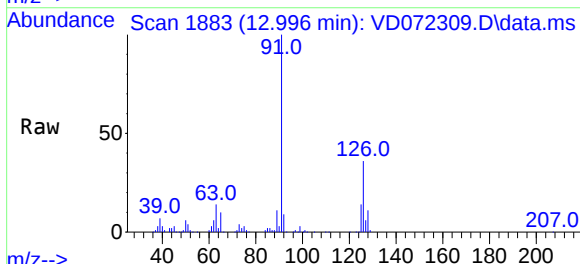
Manual Integrations
APPROVED

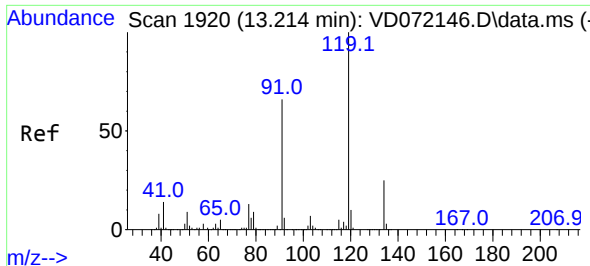
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#82
4-Chlorotoluene
Concen: 19.203 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

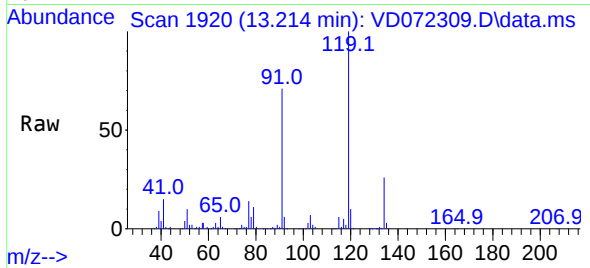
Tgt Ion: 91 Resp: 273225
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5





#83
tert-Butylbenzene
Concen: 18.079 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

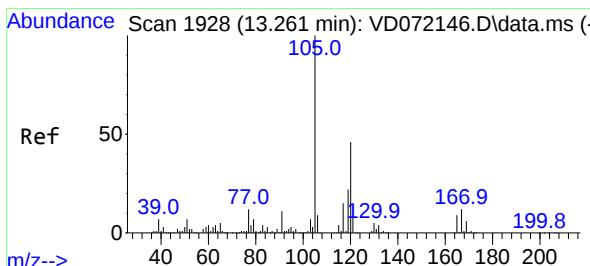
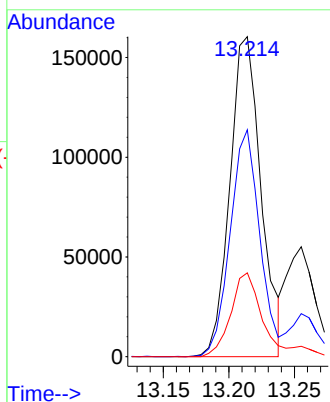
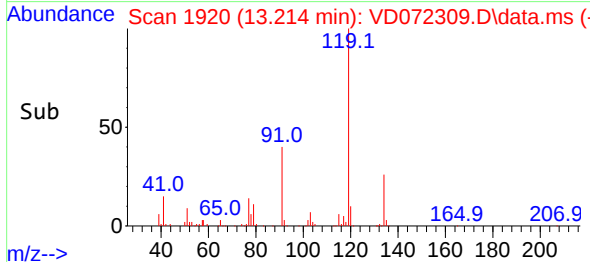
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



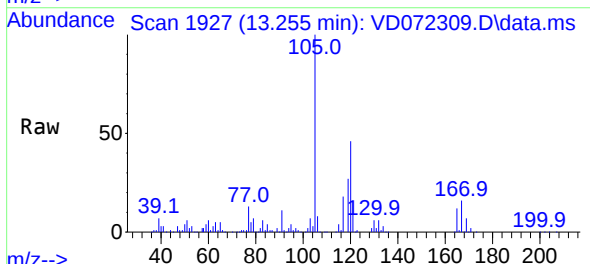
Tgt Ion:119 Resp: 26640
Ion Ratio Lower Upper
119 100
91 66.9 34.8 104.5
134 27.7 13.3 39.9

Manual Integrations
APPROVED

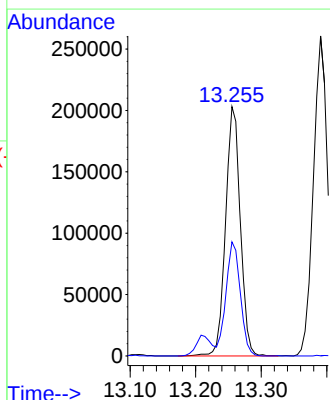
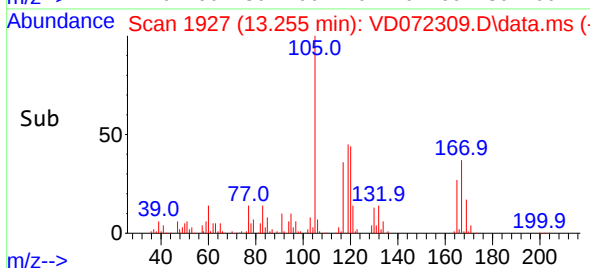
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

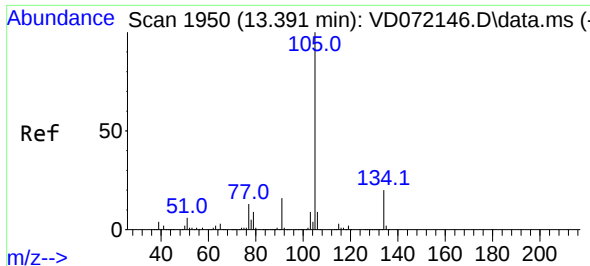


#84
1,2,4-Trimethylbenzene
Concen: 19.141 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



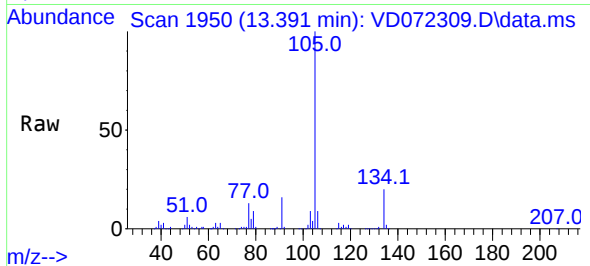
Tgt Ion:105 Resp: 317000
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 18.018 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072309.D
 Acq: 19 Mar 2022 01:17

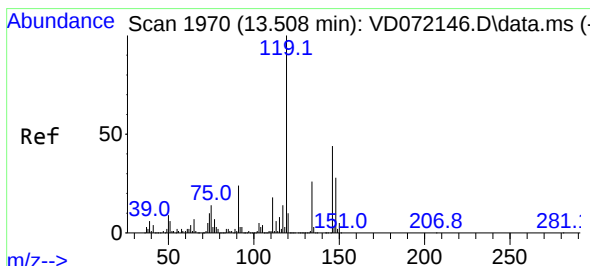
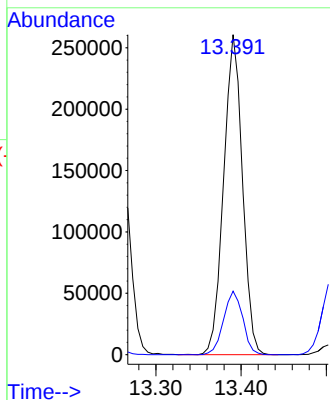
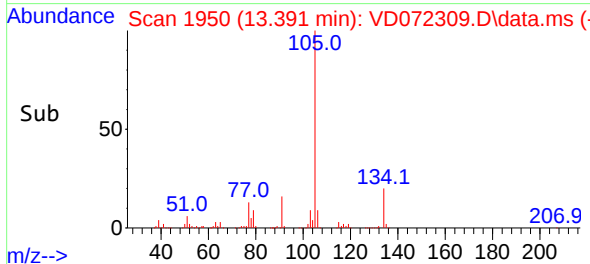
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS02



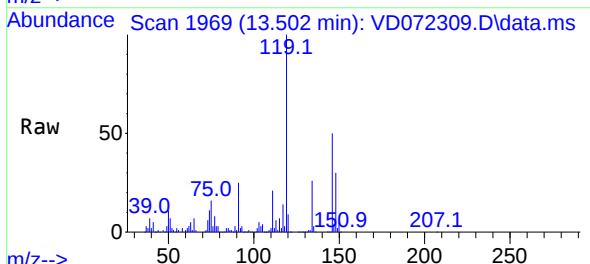
Tgt Ion:105 Resp: 398730
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
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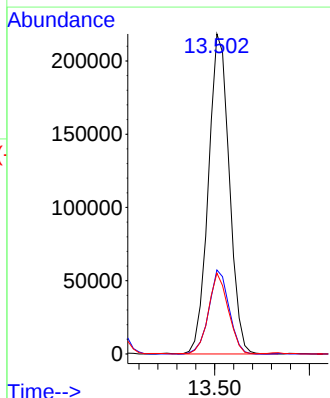
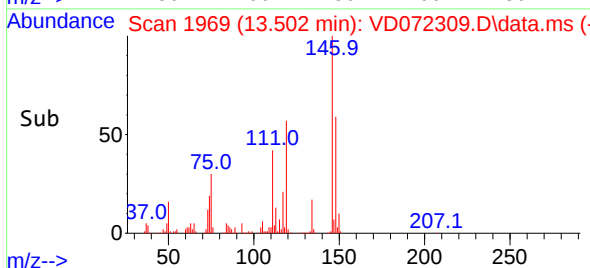
Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022

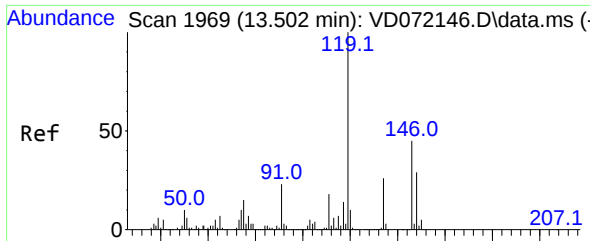


#86
 p-Isopropyltoluene
 Concen: 18.385 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072309.D
 Acq: 19 Mar 2022 01:17



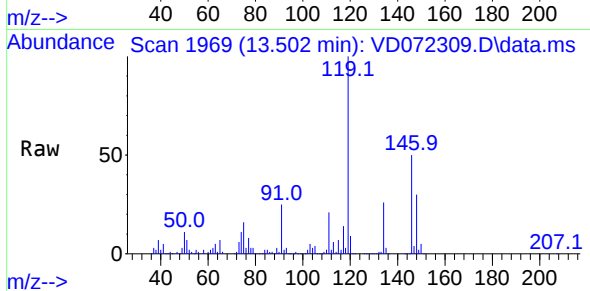
Tgt Ion:119 Resp: 334780
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.6
 91 24.0 12.1 36.3





#87
 1,3-Dichlorobenzene
 Concen: 19.717 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD072309.D
 Acq: 19 Mar 2022 01:17

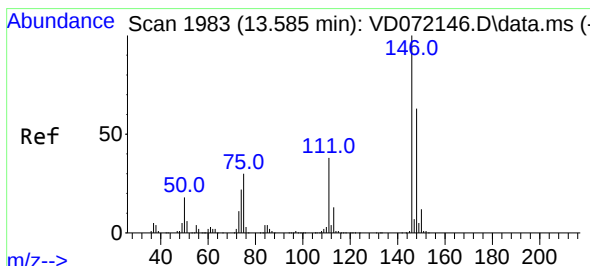
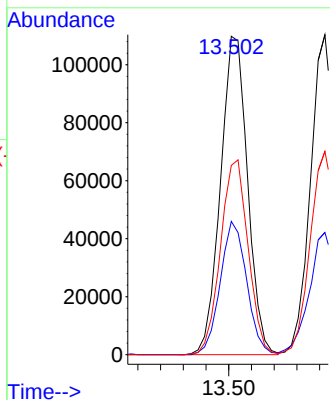
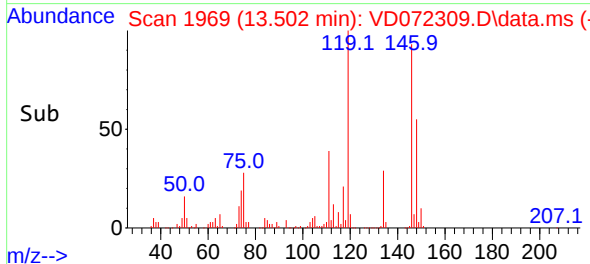
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS02



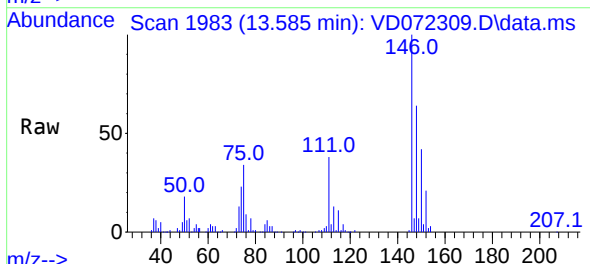
Tgt Ion:146 Resp: 18197
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.3
 148 62.3 31.9 95.7

Manual Integrations
 APPROVED

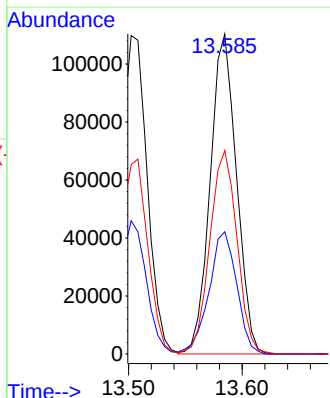
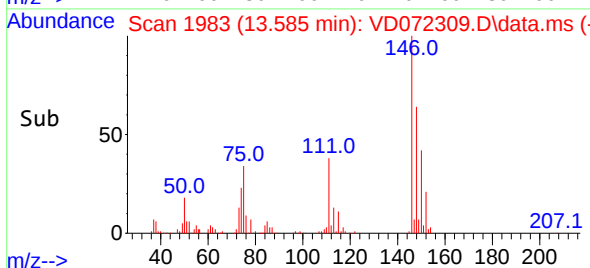
Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022

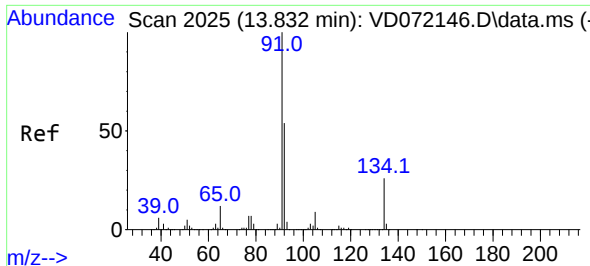


#88
 1,4-Dichlorobenzene
 Concen: 19.430 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VD072309.D
 Acq: 19 Mar 2022 01:17



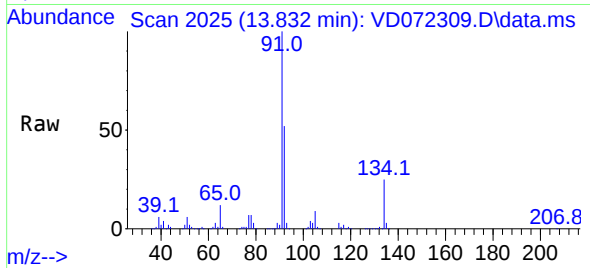
Tgt Ion:146 Resp: 177813
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.3 60.9
 148 65.6 31.7 95.1





#89
n-Butylbenzene
Concen: 17.671 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

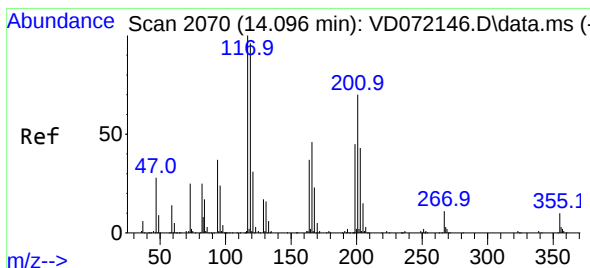
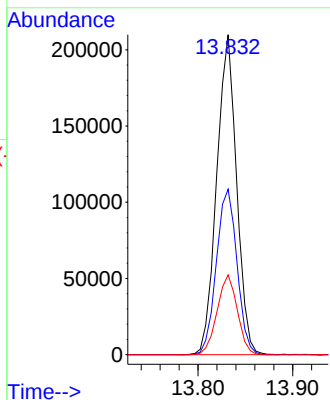
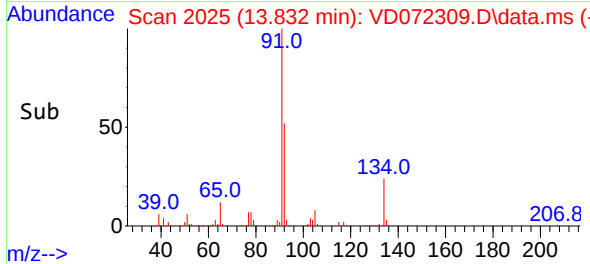
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



Tgt Ion: 91 Resp: 30672
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 25.3 12.3 36.9

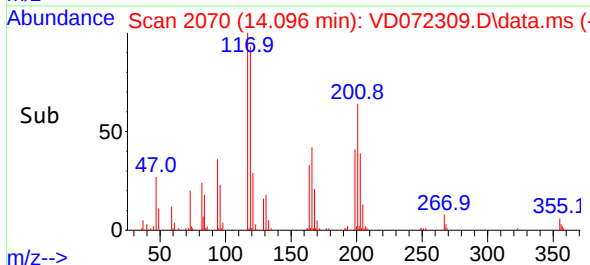
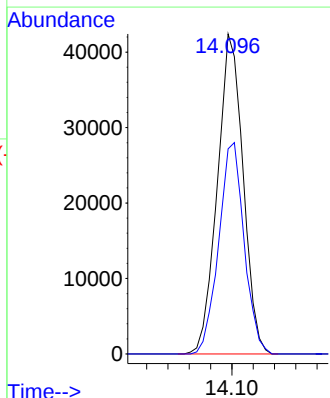
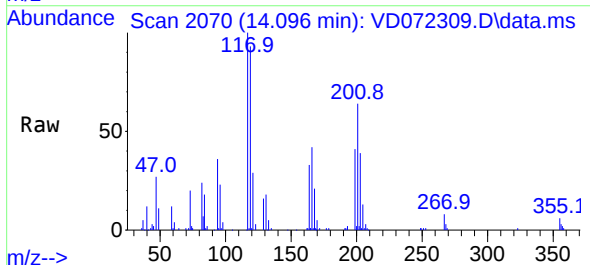
Manual Integrations
APPROVED

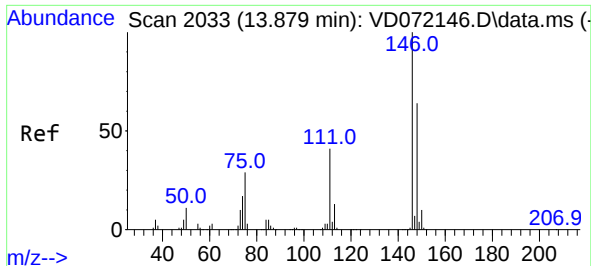
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#90
Hexachloroethane
Concen: 19.893 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

Tgt Ion:117 Resp: 70998
Ion Ratio Lower Upper
117 100
201 65.3 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 20.246 ug/l

RT: 13.873 min Scan# 2033

Delta R.T. -0.006 min

Lab File: VD072309.D

Acq: 19 Mar 2022 01:17

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS02

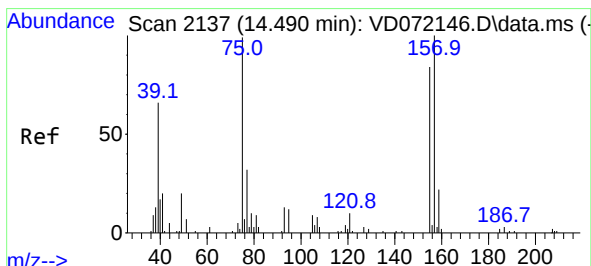
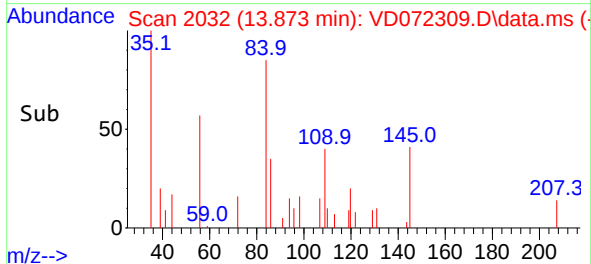
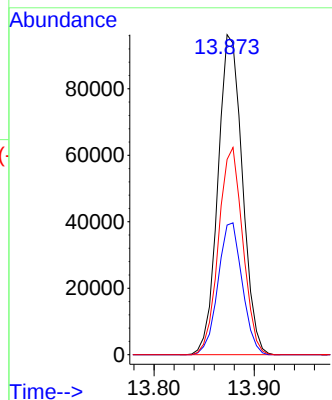
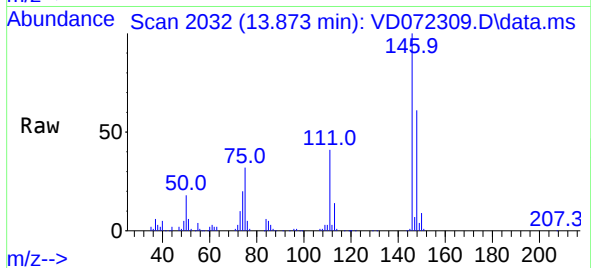
Tgt Ion:	146	Resp:	162904
Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.1	63.3
148	64.2	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.000 ug/l

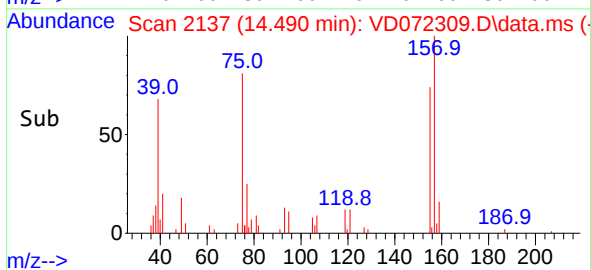
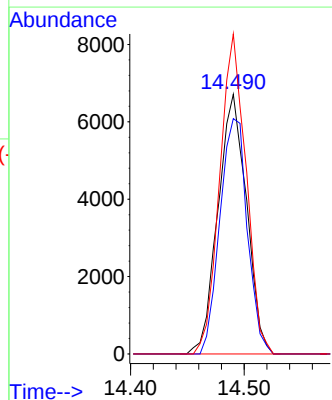
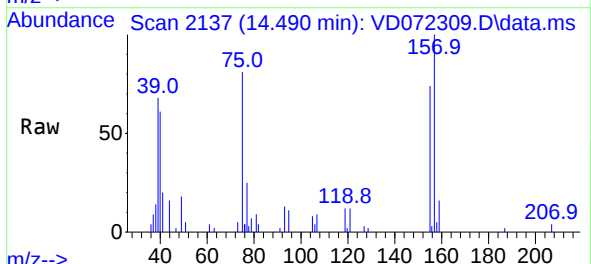
RT: 14.490 min Scan# 2137

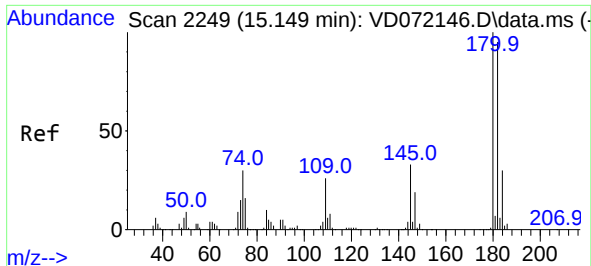
Delta R.T. -0.000 min

Lab File: VD072309.D

Acq: 19 Mar 2022 01:17

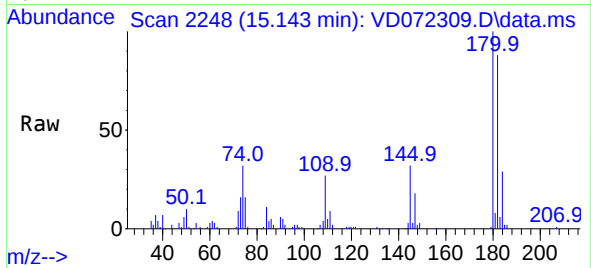
Tgt Ion:	75	Resp:	11727
Ion	Ratio	Lower	Upper
75	100		
155	86.8	36.8	110.3
157	113.3	48.4	145.0





#93
1,2,4-Trichlorobenzene
Concen: 18.023 ug/l
RT: 15.143 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

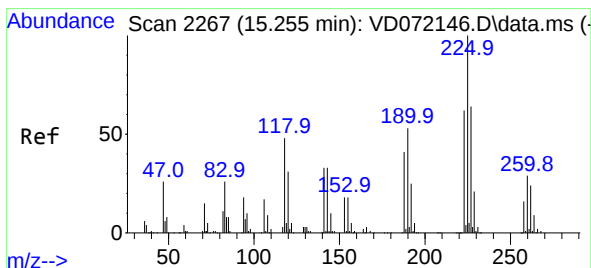
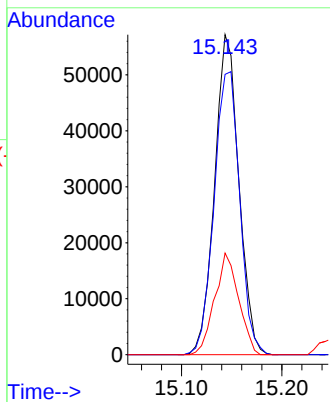
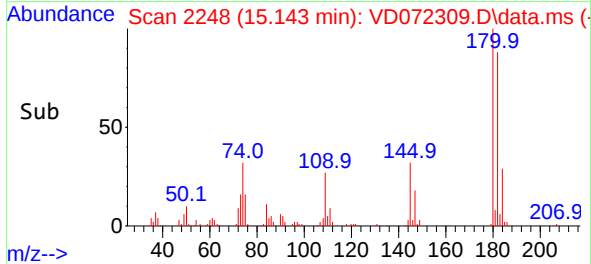
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



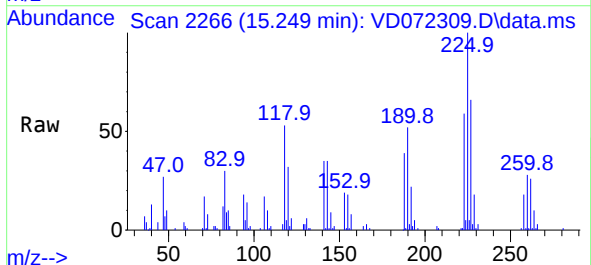
Tgt Ion:180 Resp: 9601
Ion Ratio Lower Upper
180 100
182 93.4 47.3 142.0
145 31.4 16.2 48.5

Manual Integrations
APPROVED

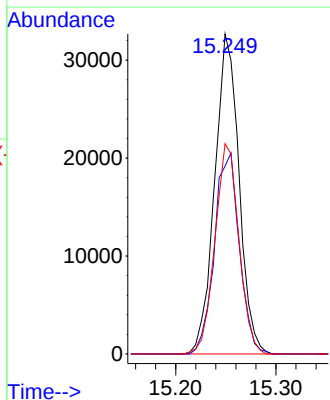
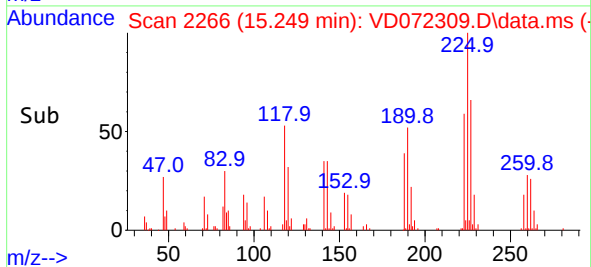
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#94
Hexachlorobutadiene
Concen: 17.744 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



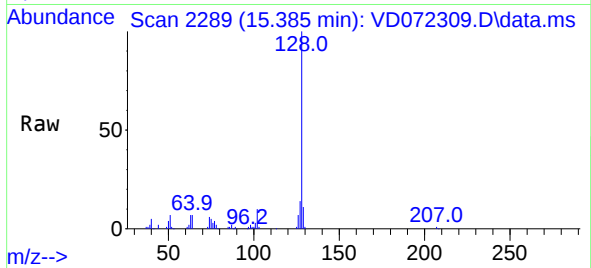
Tgt Ion:225 Resp: 54985
Ion Ratio Lower Upper
225 100
223 64.3 31.1 93.2
227 64.8 32.4 97.0





#95
Naphthalene
Concen: 19.574 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17

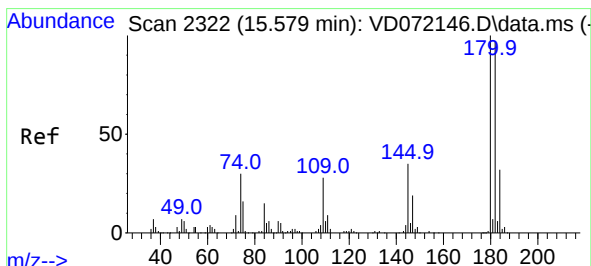
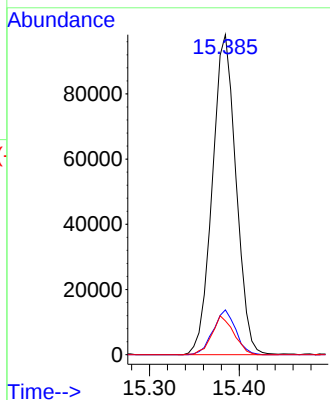
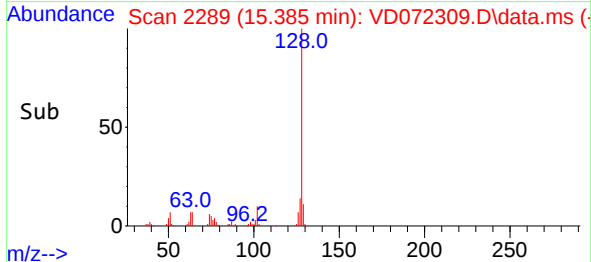
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS02



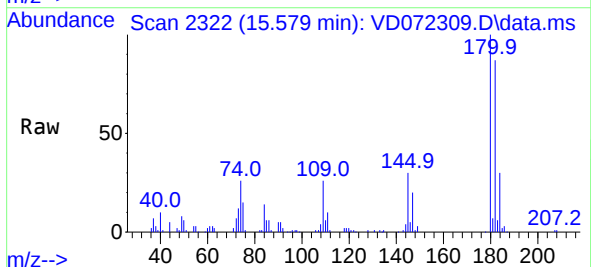
Tgt Ion:128 Resp: 179749
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.3 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.106 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072309.D
Acq: 19 Mar 2022 01:17



Tgt Ion:180 Resp: 88102
Ion Ratio Lower Upper
180 100
182 92.9 47.6 142.9
145 33.5 17.1 51.3

