

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
 Data File : VD072902.D
 Acq On : 09 May 2022 20:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/10/2022
 Supervised By : Mahesh Dadoda 05/10/2022

Quant Time: May 10 01:38:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	313625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	540858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	520011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	209694	51.508	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.020%			
35) Dibromofluoromethane	7.909	113	199800	52.600	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.200%			
50) Toluene-d8	10.332	98	697990	51.226	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.460%			
62) 4-Bromofluorobenzene	12.620	95	265729	52.303	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	191690	44.231	ug/l	97
3) Chloromethane	2.209	50	207243	45.981	ug/l	98
4) Vinyl Chloride	2.350	62	197050	48.723	ug/l	98
5) Bromomethane	2.762	94	132880	53.524	ug/l	98
6) Chloroethane	2.921	64	125377	49.741	ug/l	99
7) Trichlorofluoromethane	3.268	101	345379	48.769	ug/l	98
8) Diethyl Ether	3.709	74	108423	53.402	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	204216	48.571	ug/l	98
10) Methyl Iodide	4.297	142	218322	51.742	ug/l	99
11) Tert butyl alcohol	5.215	59	87172	247.483	ug/l #	94
12) 1,1-Dichloroethene	4.068	96	189845	50.201	ug/l	90
13) Acrolein	3.915	56	51041	205.799	ug/l	99
14) Allyl chloride	4.709	41	339494	55.604	ug/l	95
15) Acrylonitrile	5.415	53	254839	264.110	ug/l	97
16) Acetone	4.156	43	185554	243.129	ug/l	93
17) Carbon Disulfide	4.409	76	550469	46.293	ug/l	98
18) Methyl Acetate	4.715	43	117097	52.873	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	505874	55.799	ug/l	100
20) Methylene Chloride	4.956	84	259163	53.685	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	222377	51.273	ug/l	97
22) Diisopropyl ether	6.362	45	761690	56.711	ug/l	92
23) Vinyl Acetate	6.303	43	2041986	275.221	ug/l	95
24) 1,1-Dichloroethane	6.256	63	432729	53.626	ug/l	99
25) 2-Butanone	7.203	43	301717	254.358	ug/l	95
26) 2,2-Dichloropropane	7.203	77	354321	51.940	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	264784	53.303	ug/l	94
28) Bromochloromethane	7.544	49	159588	53.034	ug/l	85
29) Tetrahydrofuran	7.556	42	200818	265.603	ug/l	95
30) Chloroform	7.703	83	454642	53.248	ug/l	99
31) Cyclohexane	7.985	56	335976	47.210	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	380749	52.323	ug/l	98
36) 1,1-Dichloropropene	8.108	75	318841	51.622	ug/l	98
37) Ethyl Acetate	7.285	43	146138	51.469	ug/l	96
38) Carbon Tetrachloride	8.091	117	323795	50.502	ug/l	98
39) Methylcyclohexane	9.350	83	352953	49.266	ug/l	99
40) Benzene	8.344	78	932209	52.264	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	87256	51.611	ug/l	91
42) 1,2-Dichloroethane	8.420	62	280728	52.228	ug/l	97
43) Isopropyl Acetate	8.444	43	284955	54.374	ug/l	96
44) Trichloroethene	9.108	130	238504	49.981	ug/l	98
45) 1,2-Dichloropropane	9.379	63	246870	52.702	ug/l	96
46) Dibromomethane	9.467	93	132948	51.452	ug/l	97
47) Bromodichloromethane	9.655	83	347762	52.317	ug/l	96
48) Methyl methacrylate	9.450	41	134880	52.610	ug/l	86
49) 1,4-Dioxane	9.450	88	29226	1004.427	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	733554	269.371	ug/l	96
52) Toluene	10.397	92	612485	55.048	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	324071	53.077	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	381294	53.752	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	180998	51.816	ug/l	97
56) Ethyl methacrylate	10.650	69	225272	54.773	ug/l	93
57) 1,3-Dichloropropane	10.938	76	314090	52.398	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	571751	286.729	ug/l	97
59) 2-Hexanone	10.973	43	492120	268.565	ug/l	97
60) Dibromochloromethane	11.132	129	226184	51.437	ug/l	98
61) 1,2-Dibromoethane	11.238	107	171230	50.362	ug/l	100
64) Tetrachloroethene	10.867	164	184469	48.520	ug/l	92
65) Chlorobenzene	11.661	112	627559	52.177	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	239278	52.936	ug/l	98
67) Ethyl Benzene	11.732	91	1139711	54.754	ug/l	97
68) m/p-Xylenes	11.844	106	866421	108.059	ug/l	99
69) o-Xylene	12.167	106	410027	54.756	ug/l	98
70) Styrene	12.185	104	719952	55.491	ug/l	99
71) Bromoform	12.349	173	120825	49.322	ug/l #	99
73) Isopropylbenzene	12.467	105	1075931	56.299	ug/l	100
74) N-amyl acetate	12.279	43	263807	55.431	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	197459	51.185	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	145402m	53.086	ug/l	
77) Bromobenzene	12.749	156	245510	54.099	ug/l	97
78) n-propylbenzene	12.808	91	1324483	54.989	ug/l	99
79) 2-Chlorotoluene	12.896	91	779096	55.373	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	910647	56.196	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	62513	52.485	ug/l	93
82) 4-Chlorotoluene	12.991	91	806279	54.845	ug/l	98
83) tert-Butylbenzene	13.208	119	770993	55.963	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	907092	56.001	ug/l	100
85) sec-Butylbenzene	13.385	105	1146522	55.177	ug/l	99
86) p-Isopropyltoluene	13.502	119	944070	55.415	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	477866	52.271	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	473079	51.964	ug/l	100
89) n-Butylbenzene	13.826	91	892657	54.090	ug/l	98
90) Hexachloroethane	14.096	117	185151	53.051	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	418016	52.465	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	30811	50.383	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	248776	52.723	ug/l	99
94) Hexachlorobutadiene	15.249	225	125697	48.777	ug/l	97
95) Naphthalene	15.379	128	492461	56.765	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	220932	52.819	ug/l	99

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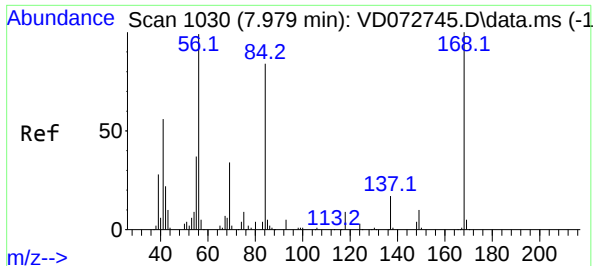
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



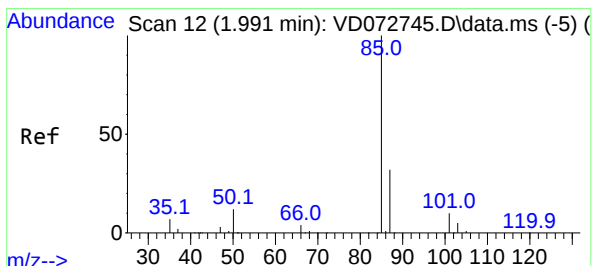
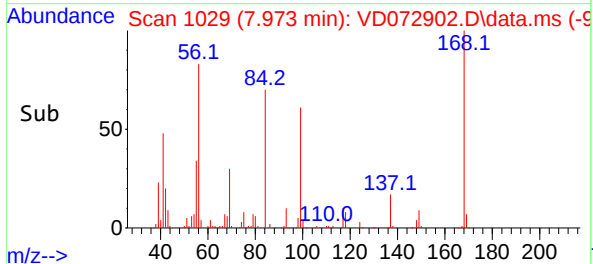
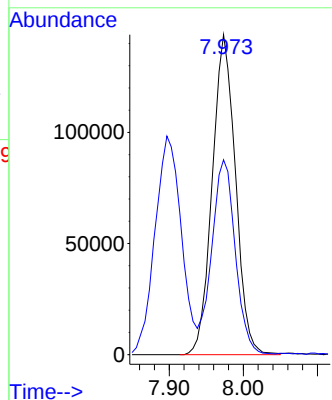
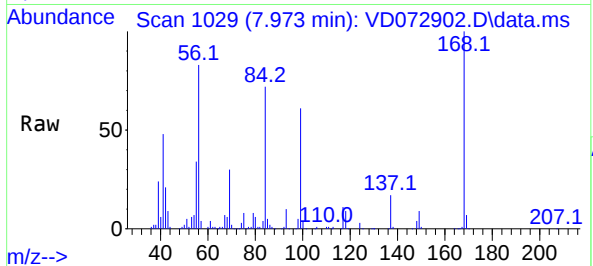
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072902.D
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 313625
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6

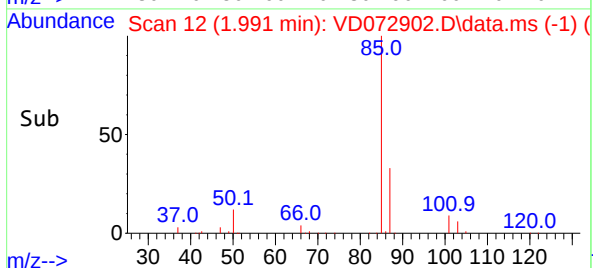
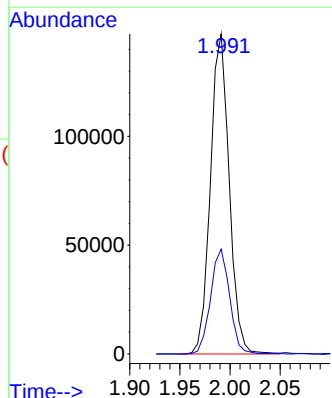
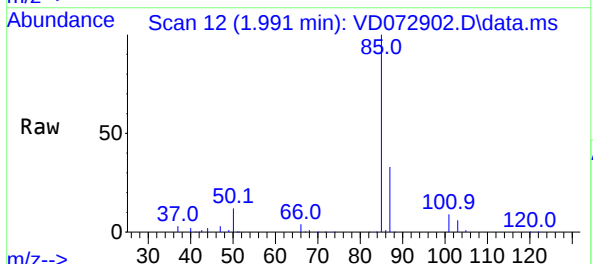
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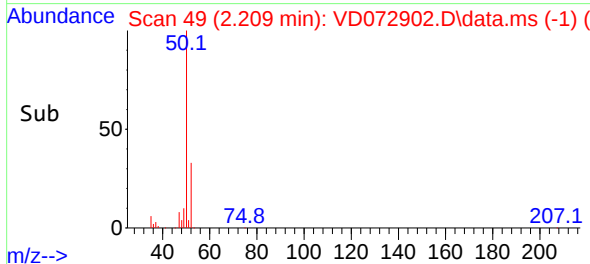
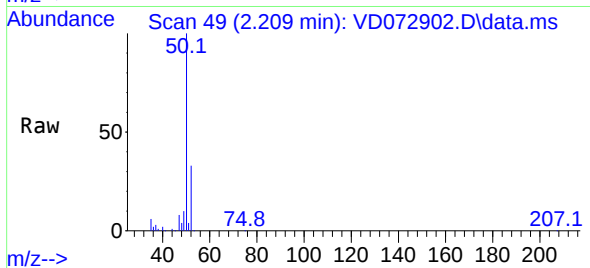
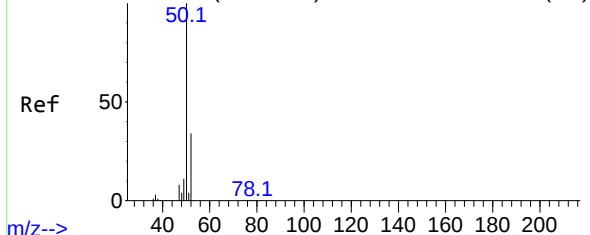


Dichlorodifluoromethane
Concen: 44.231 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

Tgt Ion: 85 Resp: 191690
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.0



Abundance Scan 49 (2.209 min): VD072745.D\data.ms (-43)



#3
Chloromethane
Concen: 45.981 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

Tgt Ion: 50 Resp: 20724
Ion Ratio Lower Upper
50 100
52 32.8 27.4 41.0

Instrument :

MSVOA_D

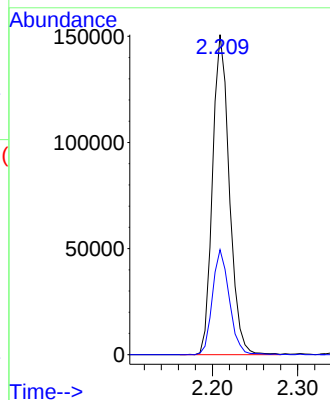
ClientSampleId :

VSTDCCC050EC

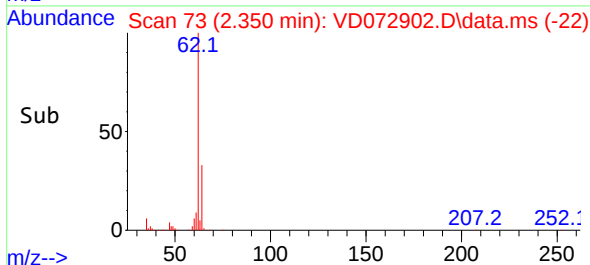
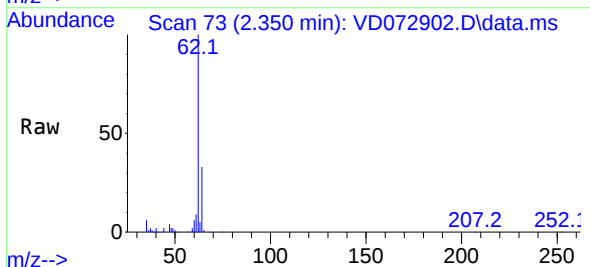
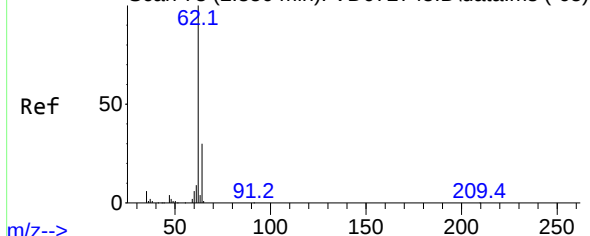
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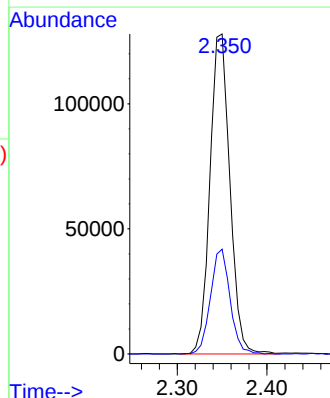


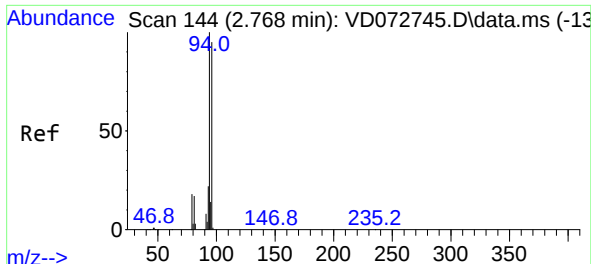
Abundance Scan 73 (2.350 min): VD072745.D\data.ms (-65)



#4
Vinyl Chloride
Concen: 48.723 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

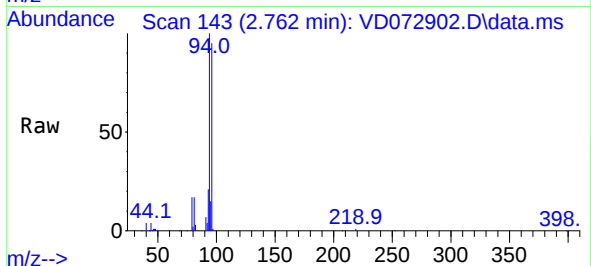
Tgt Ion: 62 Resp: 197050
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





#5
Bromomethane
Concen: 53.524 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

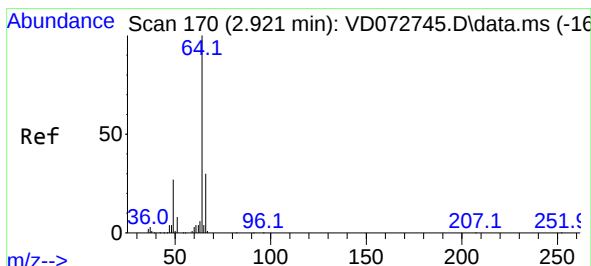
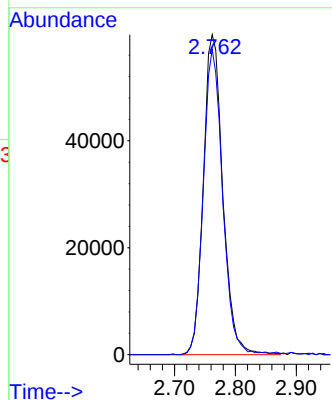
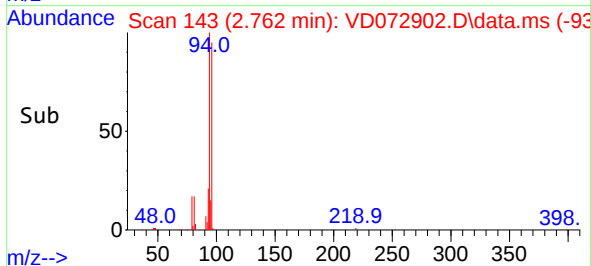
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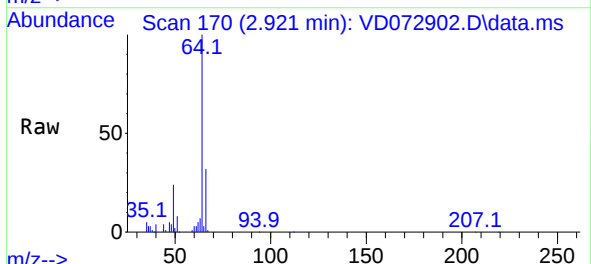
Tgt Ion: 94 Resp: 132880
Ion Ratio Lower Upper
94 100
96 95.3 77.6 116.4

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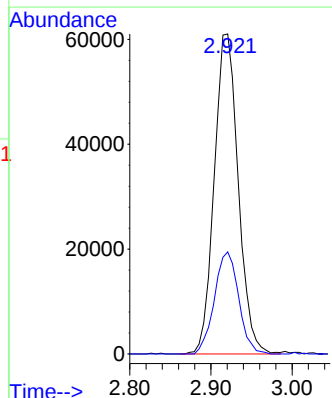
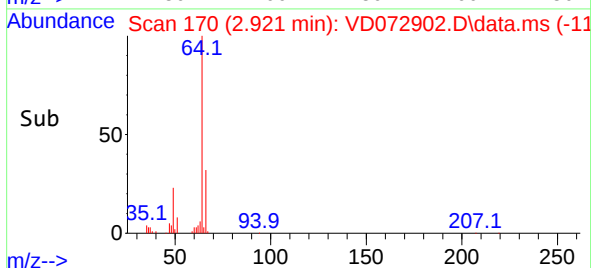
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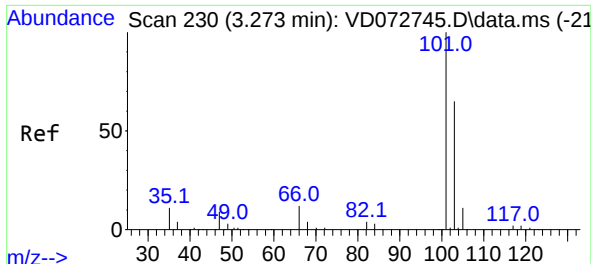


#6
Chloroethane
Concen: 49.741 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD072902.D
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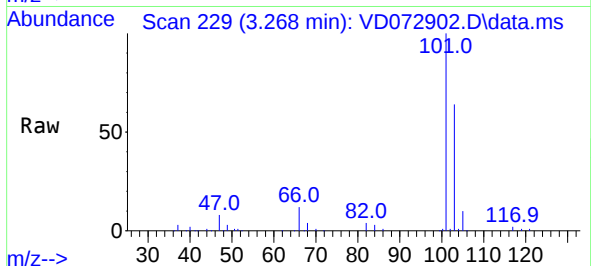
Tgt Ion: 64 Resp: 125377
Ion Ratio Lower Upper
64 100
66 31.9 25.9 38.9





#7
Trichlorofluoromethane
Concen: 48.769 ug/l
RT: 3.268 min Scan# 210
Delta R.T. -0.005 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

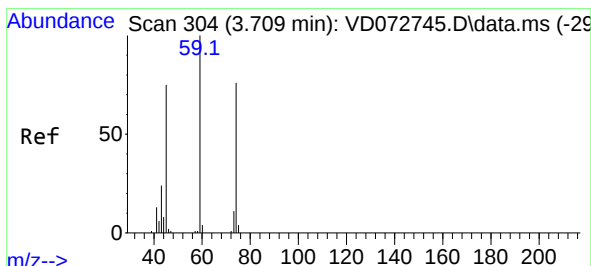
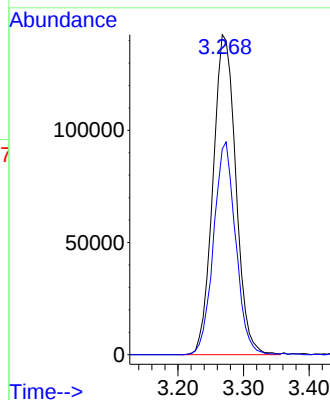
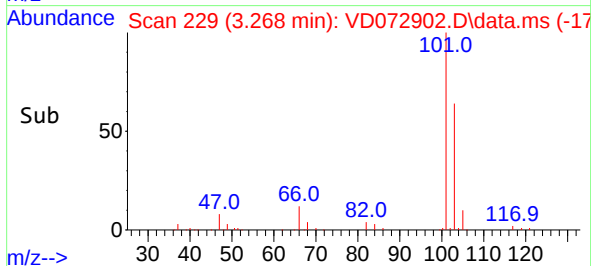
Instrument :
MSVOA_D
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VSTDCCC050EC



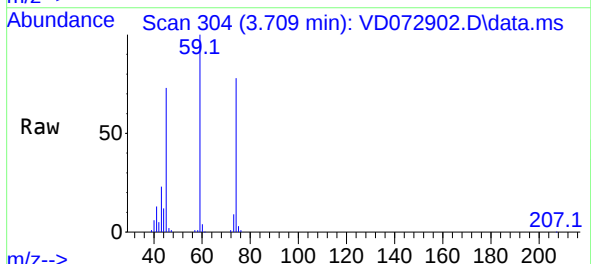
Tgt Ion:101 Resp: 345379
Ion Ratio Lower Upper
101 100
103 64.3 50.1 75.1

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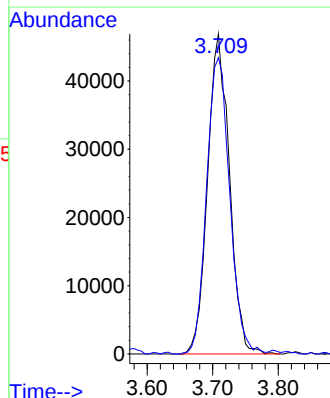
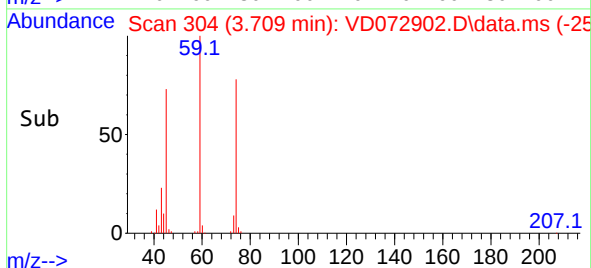
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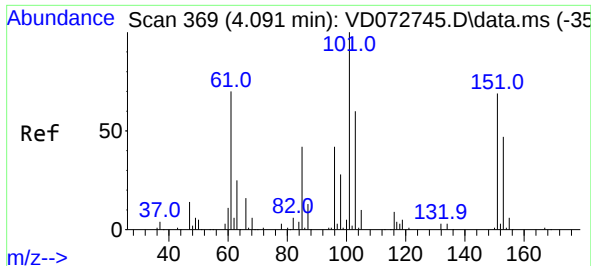


#8
Diethyl Ether
Concen: 53.402 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



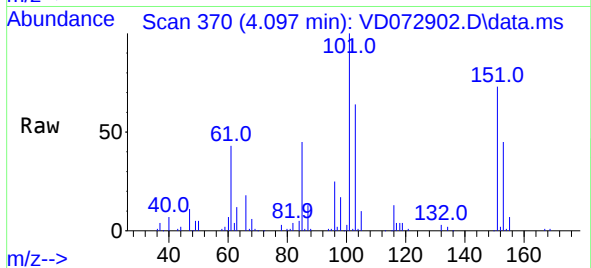
Tgt Ion: 74 Resp: 108423
Ion Ratio Lower Upper
74 100
45 98.0 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.571 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

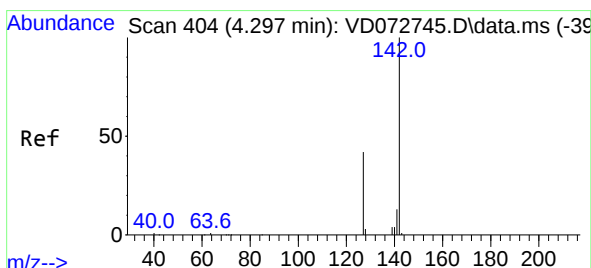
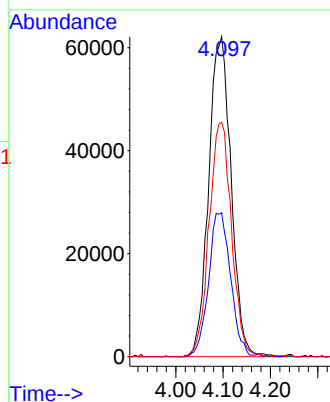
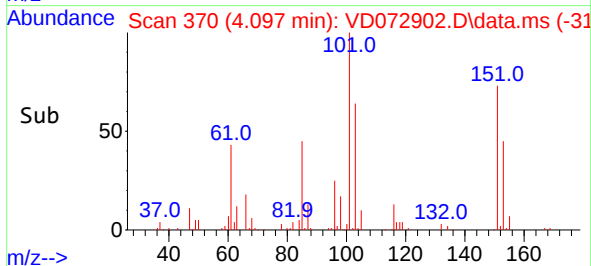
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 204210
Ion Ratio Lower Upper
101 100
85 44.1 36.4 54.6
151 73.4 57.3 85.9

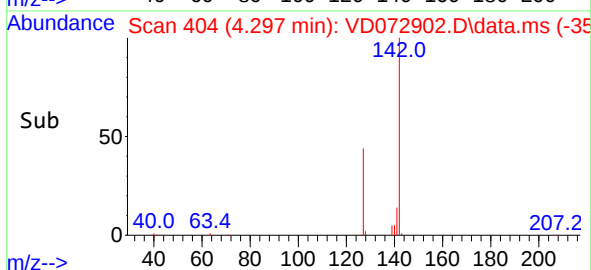
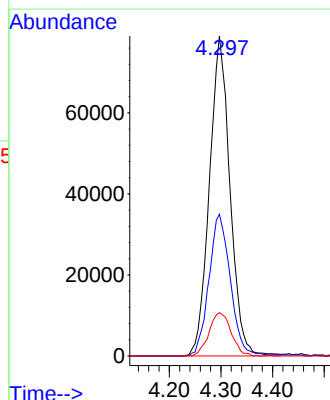
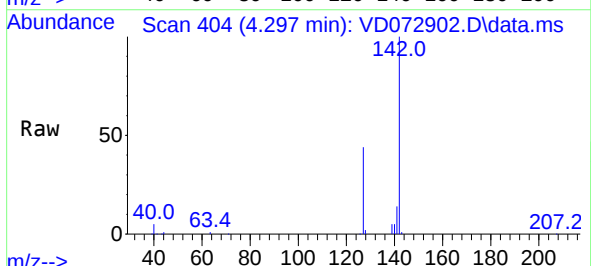
Manual Integrations
APPROVED

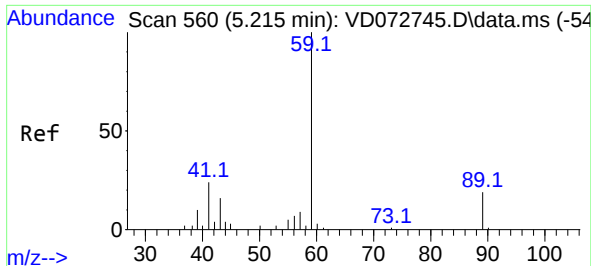
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#10
Methyl Iodide
Concen: 51.742 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

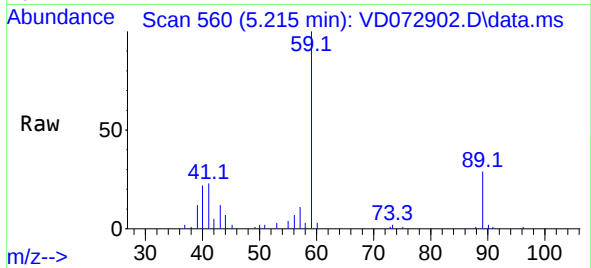
Tgt Ion:142 Resp: 218322
Ion Ratio Lower Upper
142 100
127 45.9 37.3 55.9
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 247.483 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

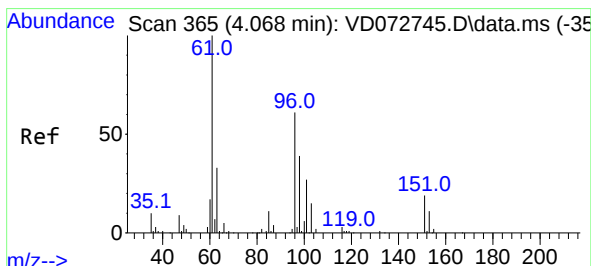
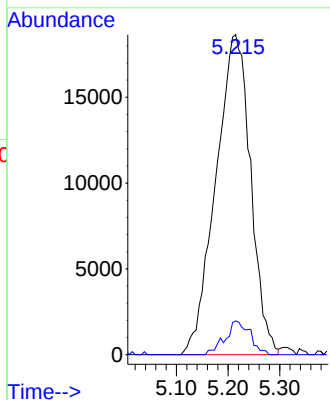
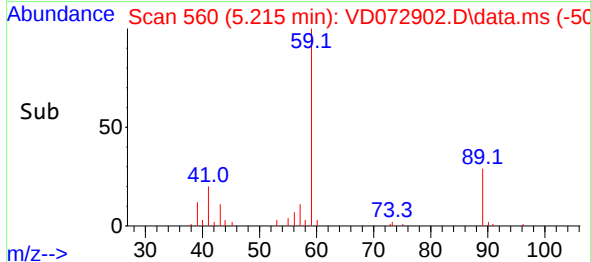
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



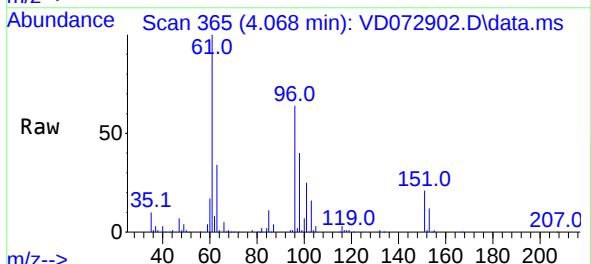
Tgt Ion: 59 Resp: 87172
Ion Ratio Lower Upper
59 100
57 7.5 7.8 11.6

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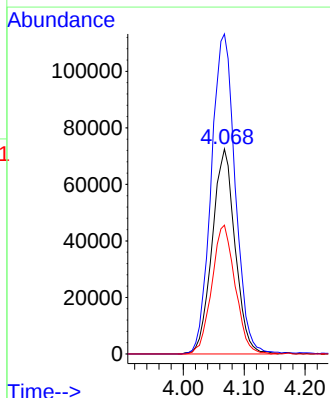
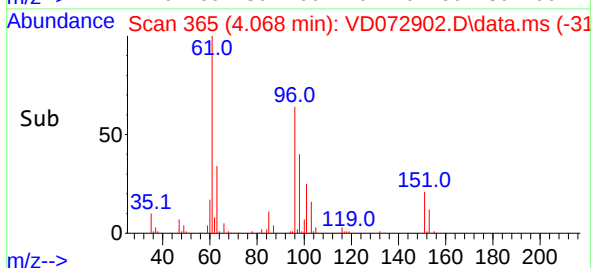
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

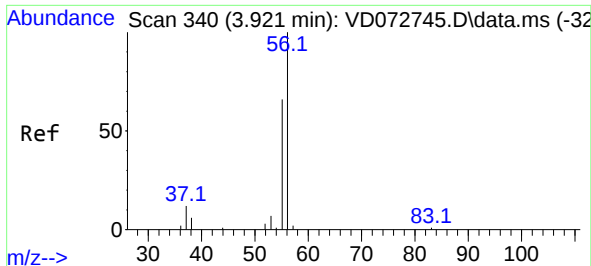


#12
1,1-Dichloroethene
Concen: 50.201 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



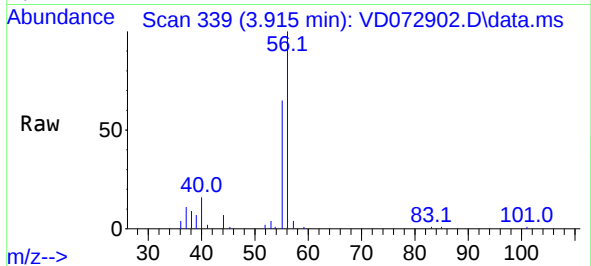
Tgt Ion: 96 Resp: 189845
Ion Ratio Lower Upper
96 100
61 156.1 138.5 207.7
98 62.8 48.6 73.0





#13
Acrolein
Concen: 205.799 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

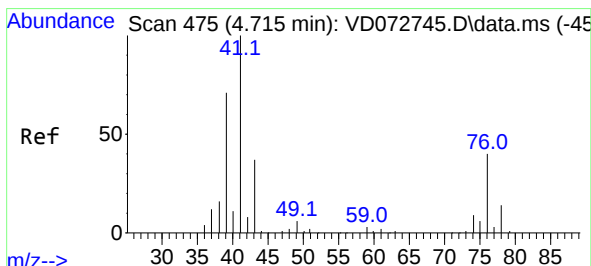
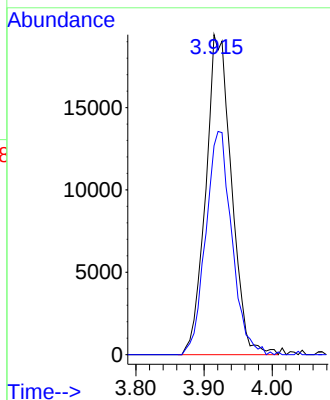
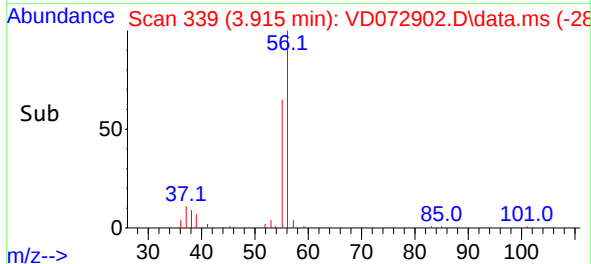
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



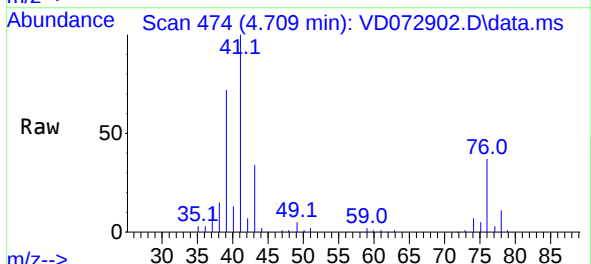
Tgt Ion: 56 Resp: 5104
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7

Manual Integrations
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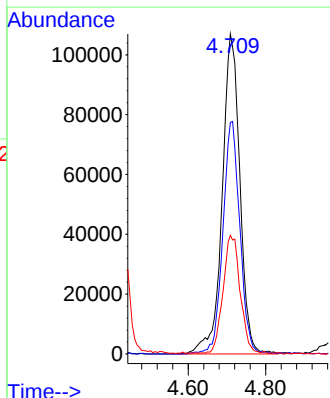
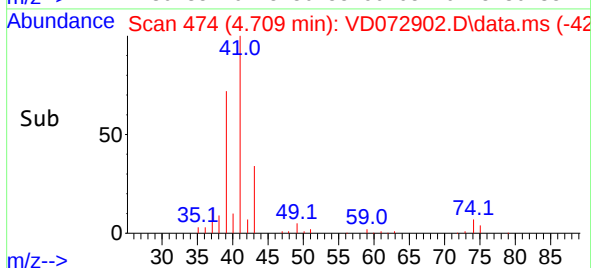
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

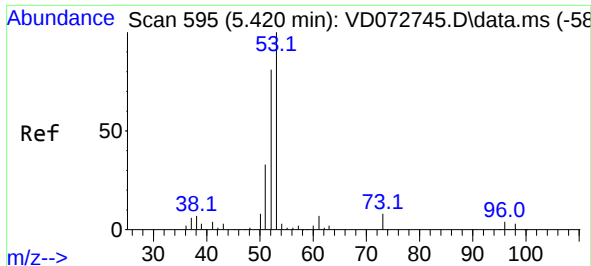


#14
Allyl chloride
Concen: 55.604 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



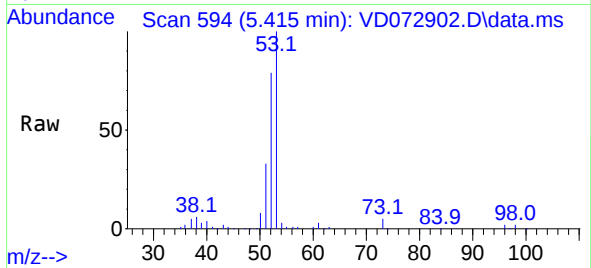
Tgt Ion: 41 Resp: 339494
Ion Ratio Lower Upper
41 100
39 69.9 59.3 88.9
76 35.2 25.7 38.5





#15
Acrylonitrile
Concen: 264.110 ug/l
RT: 5.415 min Scan# 595
Delta R.T. -0.005 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

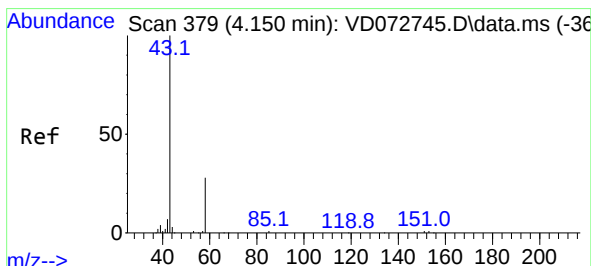
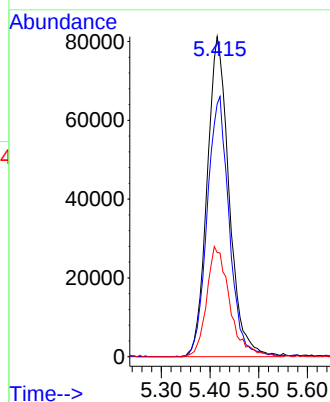
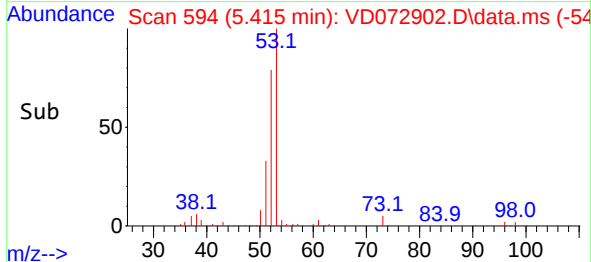
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



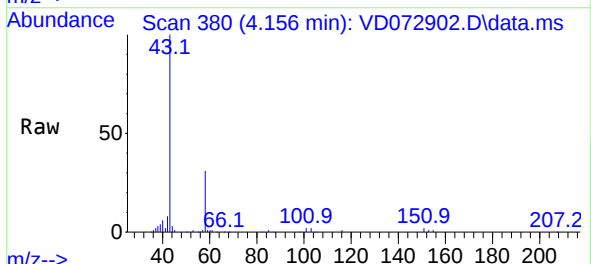
Tgt Ion: 53 Resp: 254839
Ion Ratio Lower Upper
53 100
52 81.3 67.2 100.8
51 36.1 30.3 45.5

Manual Integrations
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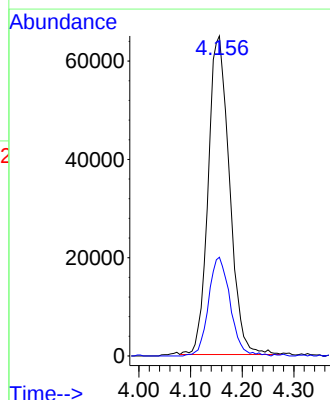
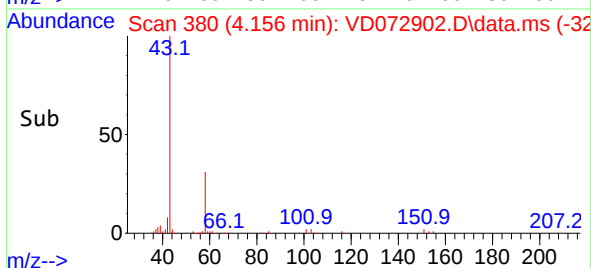
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

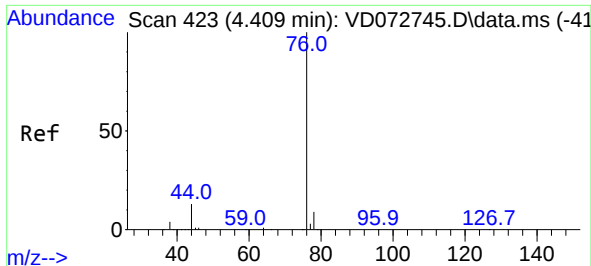


#16
Acetone
Concen: 243.129 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



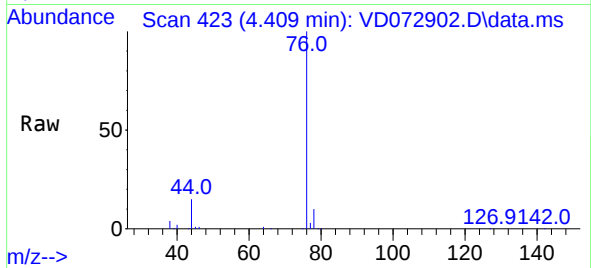
Tgt Ion: 43 Resp: 185554
Ion Ratio Lower Upper
43 100
58 31.0 22.1 33.1





#17
Carbon Disulfide
Concen: 46.293 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

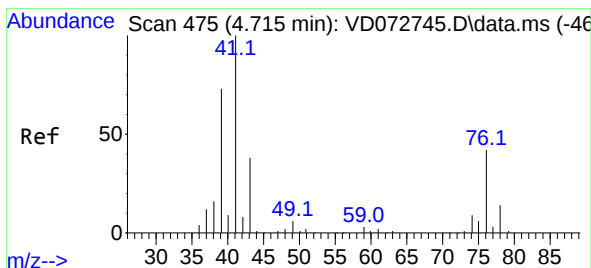
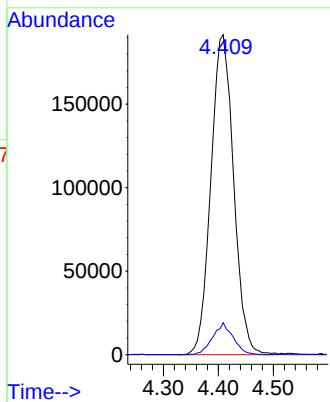
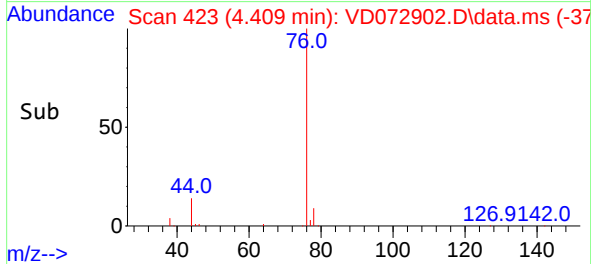
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



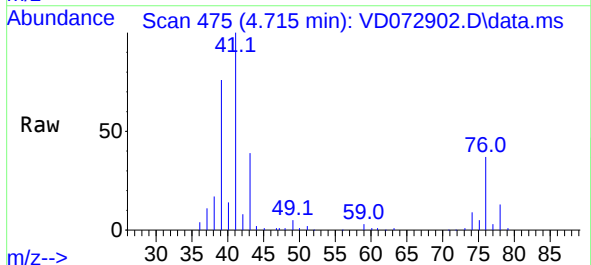
Tgt Ion: 76 Resp: 550469
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3

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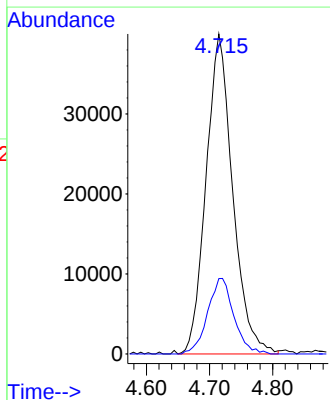
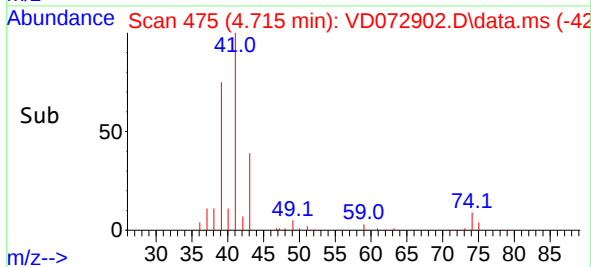
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#18
Methyl Acetate
Concen: 52.873 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



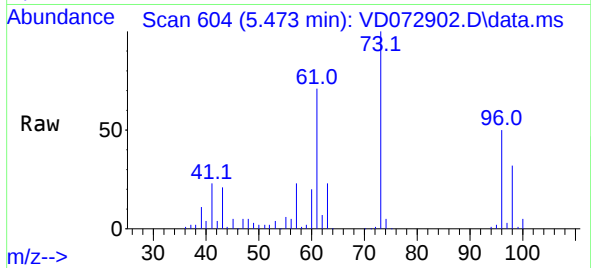
Tgt Ion: 43 Resp: 117097
Ion Ratio Lower Upper
43 100
74 23.3 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 55.799 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

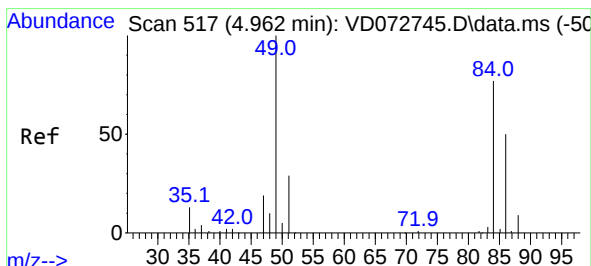
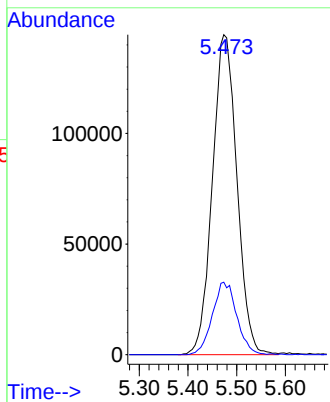
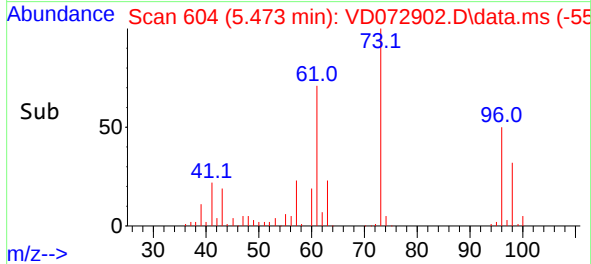
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



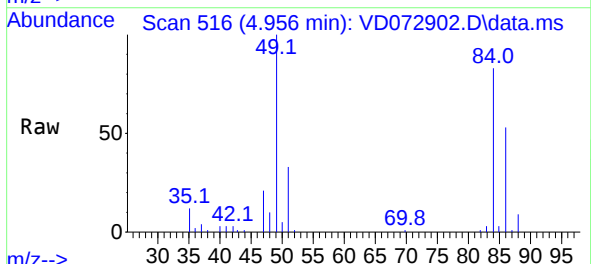
Tgt Ion: 73 Resp: 505874
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0

Manual Integrations
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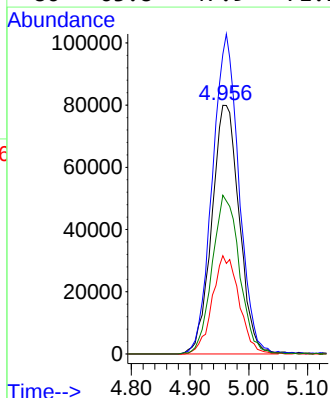
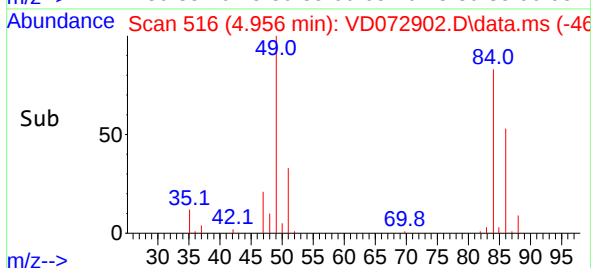
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

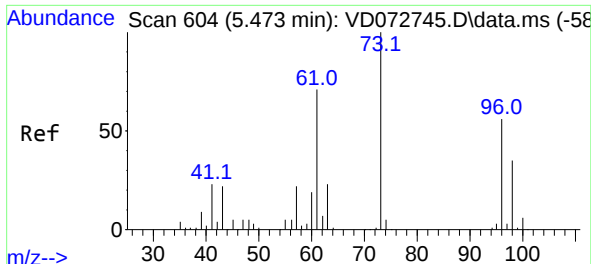


#20
Methylene Chloride
Concen: 53.685 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



Tgt Ion: 84 Resp: 259163
Ion Ratio Lower Upper
84 100
49 120.5 112.8 169.2
51 39.5 32.6 48.8
86 63.8 47.9 71.9





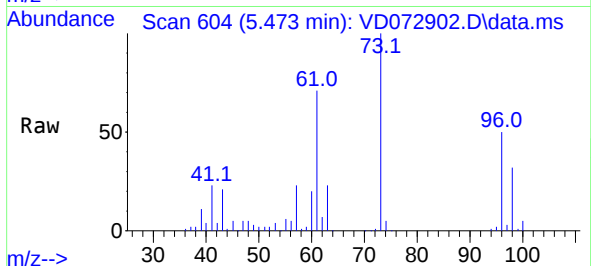
#21
trans-1,2-Dichloroethene
Concen: 51.273 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

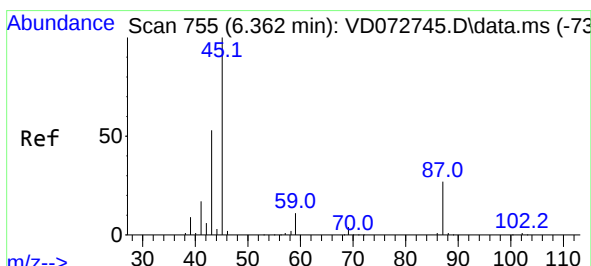
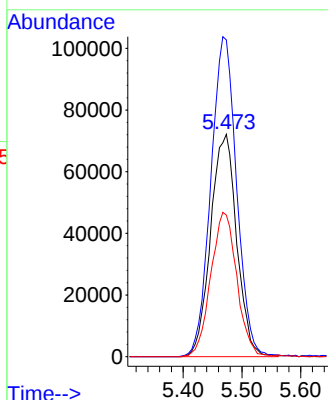
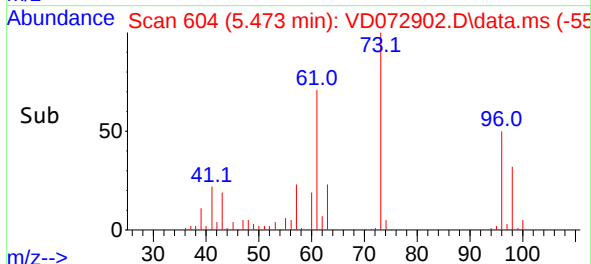


Tgt Ion: 96 Resp: 222372
Ion Ratio Lower Upper
96 100
61 142.4 117.9 176.9
98 63.6 49.4 74.2

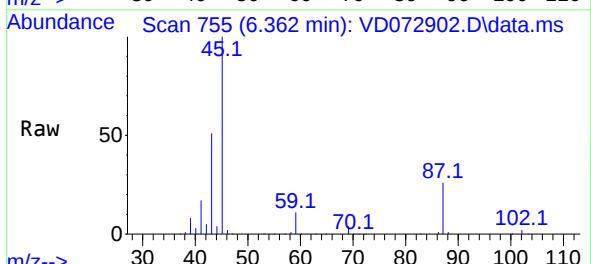
Manual Integrations

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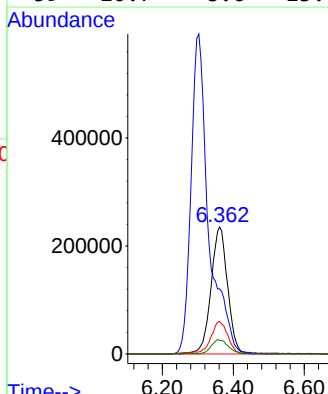
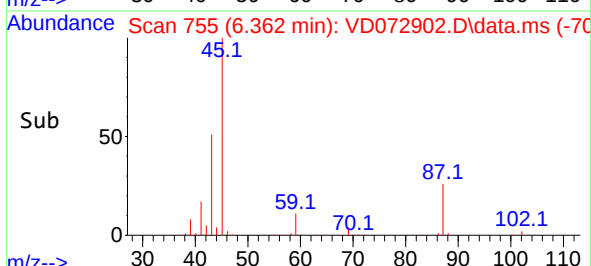
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

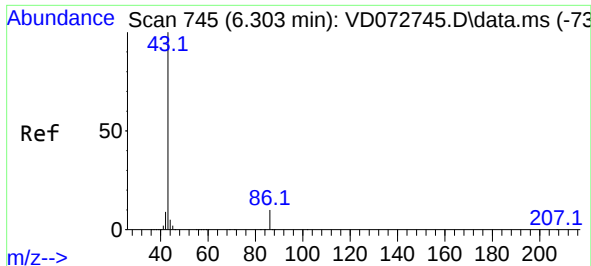


#22
Diisopropyl ether
Concen: 56.711 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



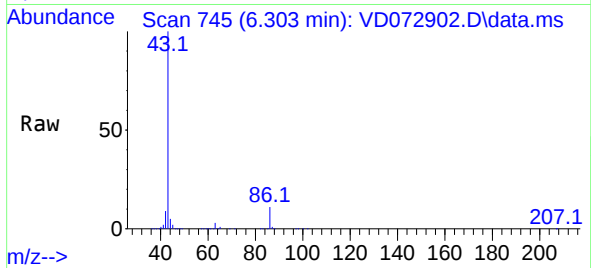
Tgt Ion: 45 Resp: 761690
Ion Ratio Lower Upper
45 100
43 50.7 46.6 70.0
87 25.6 18.4 27.6
59 10.7 8.6 13.0





#23
 Vinyl Acetate
 Concen: 275.221 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072902.D
 Acq: 09 May 2022 20:41

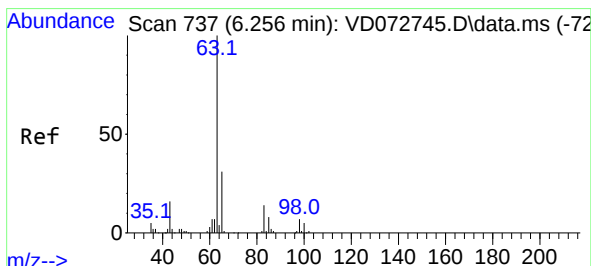
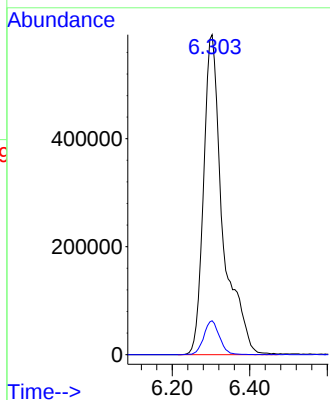
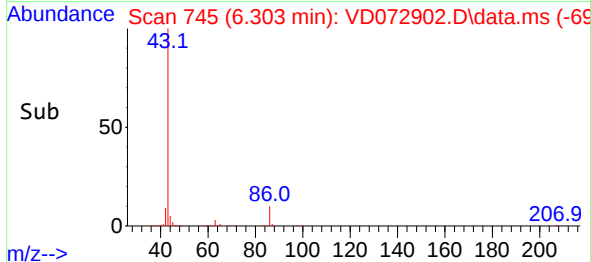
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



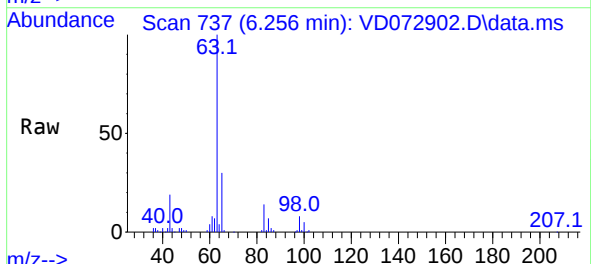
Tgt Ion: 43 Resp: 204198
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7

Manual Integrations
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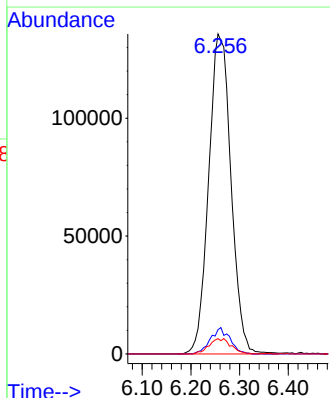
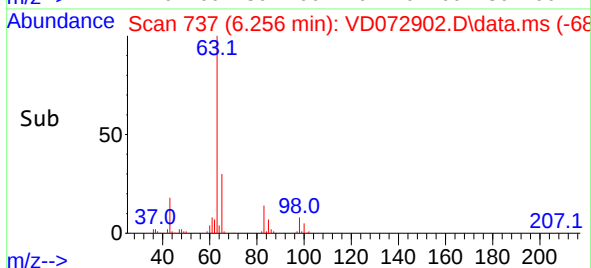
Reviewed By :John Carlone 05/10/2022
 Supervised By :Mahesh Dadoda 05/10/2022

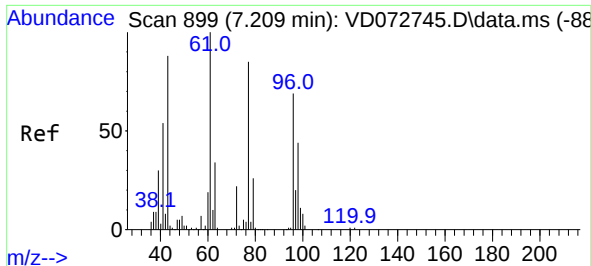


#24
 1,1-Dichloroethane
 Concen: 53.626 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD072902.D
 Acq: 09 May 2022 20:41



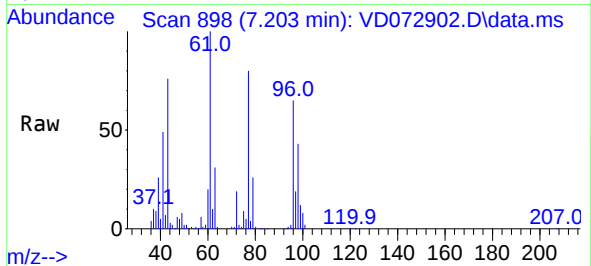
Tgt Ion: 63 Resp: 432729
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.8 2.1 6.5





#25
2-Butanone
Concen: 254.358 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

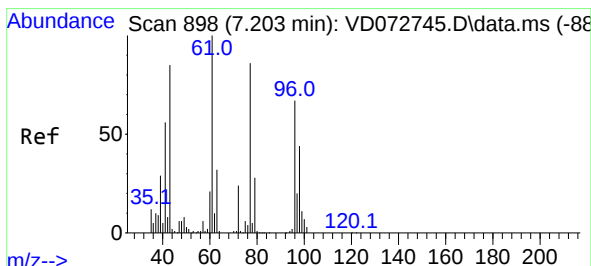
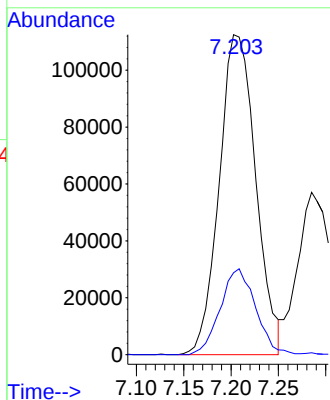
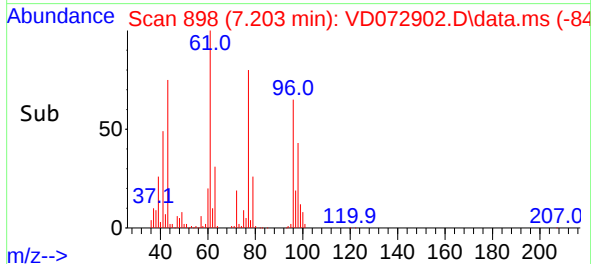
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



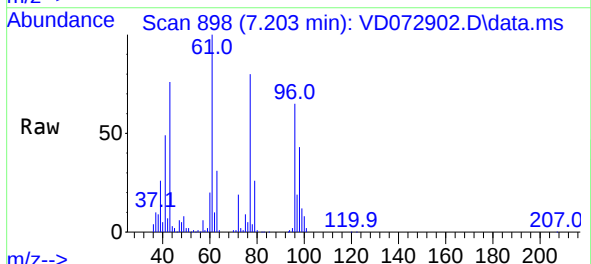
Tgt Ion: 43 Resp: 30171
Ion Ratio Lower Upper
43 100
72 25.6 18.6 27.8

Manual Integrations
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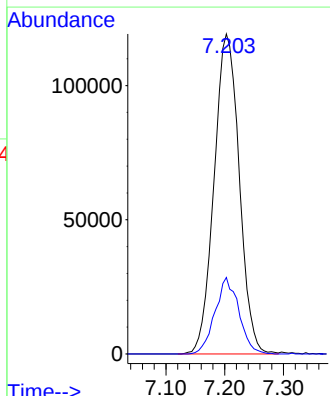
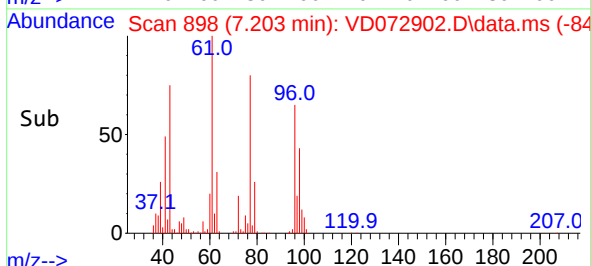
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

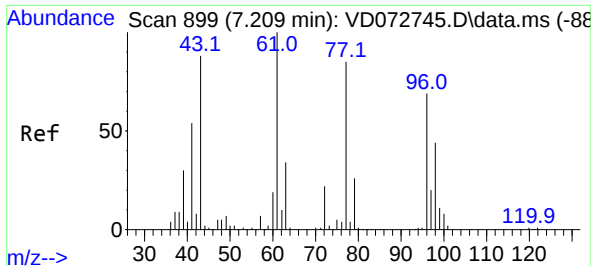


#26
2,2-Dichloropropane
Concen: 51.940 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



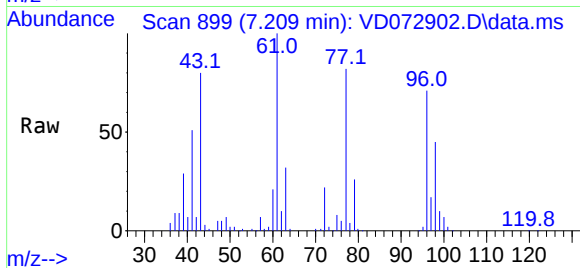
Tgt Ion: 77 Resp: 354321
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 53.303 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

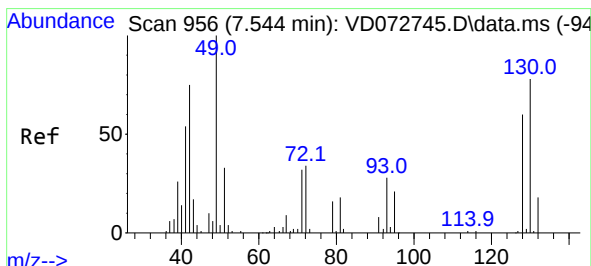
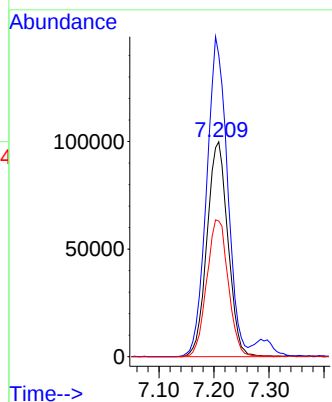
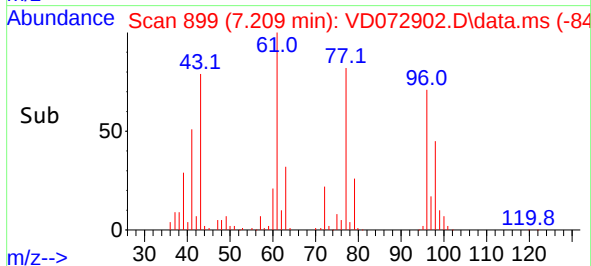
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 264784
Ion Ratio Lower Upper
96 100
61 147.5 0.0 313.8
98 65.4 0.0 128.8

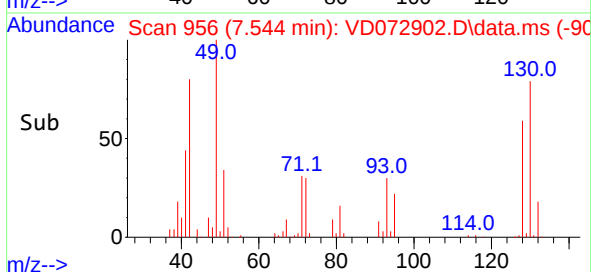
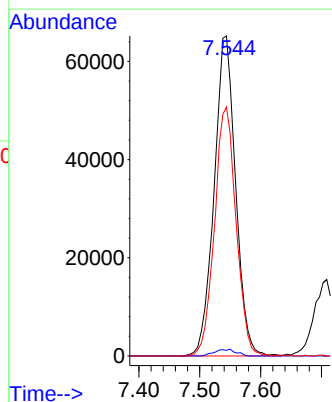
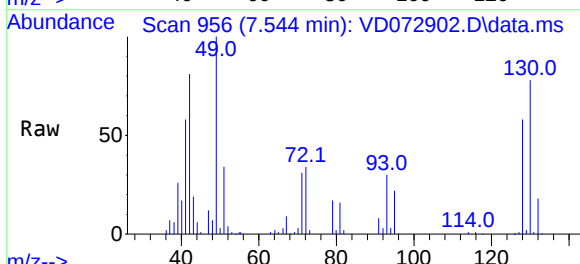
Manual Integrations
APPROVED

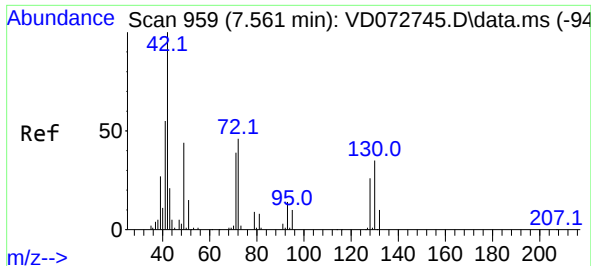
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#28
Bromochloromethane
Concen: 53.034 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

Tgt Ion: 49 Resp: 159588
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 78.0 52.6 79.0





#29

Tetrahydrofuran

Concen: 265.603 ug/l

RT: 7.556 min Scan# 958

Delta R.T. -0.005 min

Lab File: VD072902.D

Acq: 09 May 2022 20:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

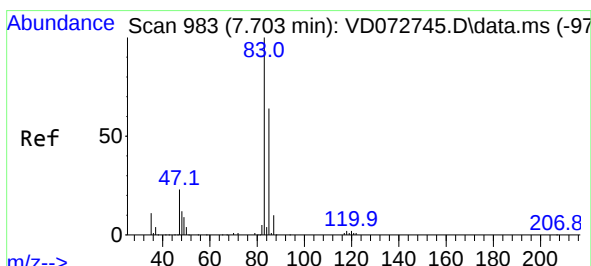
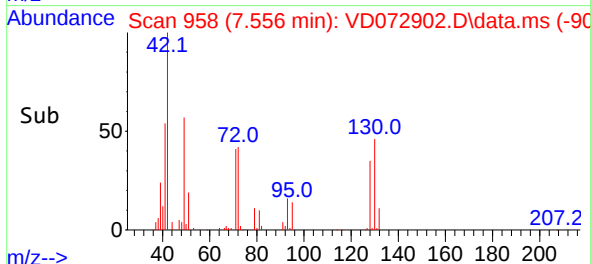
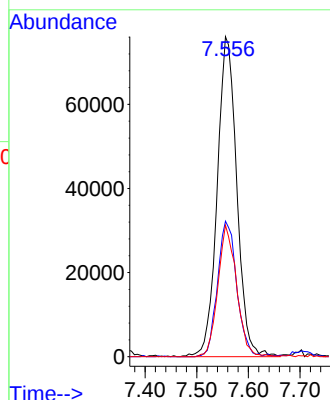
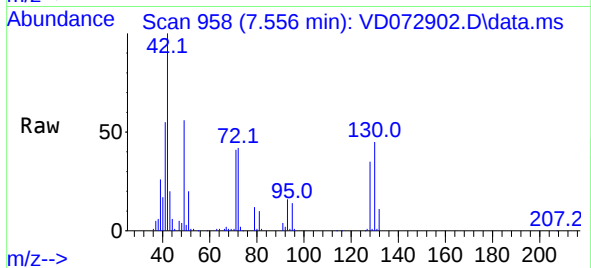
Tgt Ion: 42 Resp: 200818
 Ion Ratio Lower Upper
 42 100
 72 41.3 30.7 46.1
 71 39.1 28.6 43.0

Manual Integrations

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Reviewed By :John Carlone 05/10/2022

Supervised By :Mahesh Dadoda 05/10/2022



#30

Chloroform

Concen: 53.248 ug/l

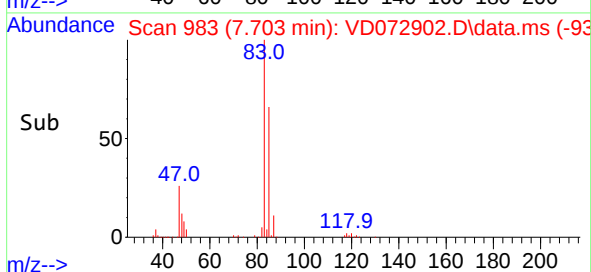
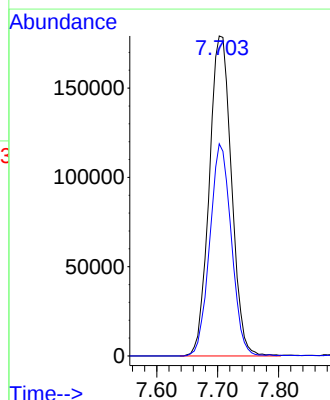
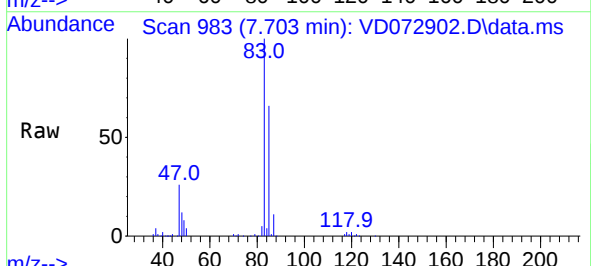
RT: 7.703 min Scan# 983

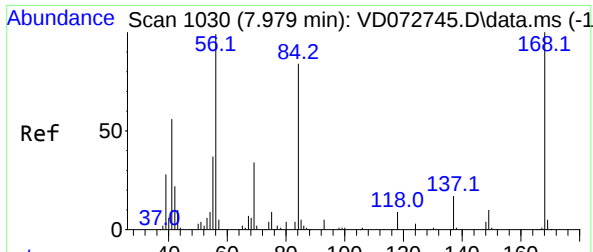
Delta R.T. -0.000 min

Lab File: VD072902.D

Acq: 09 May 2022 20:41

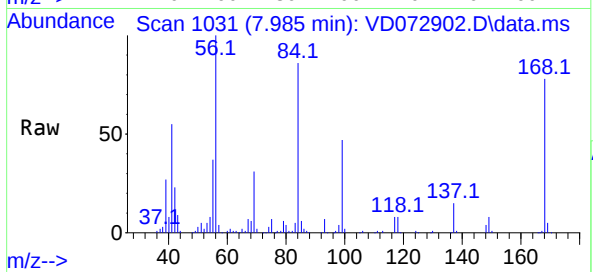
Tgt Ion: 83 Resp: 454642
 Ion Ratio Lower Upper
 83 100
 85 66.3 52.7 79.1





#31
Cyclohexane
Concen: 47.210 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

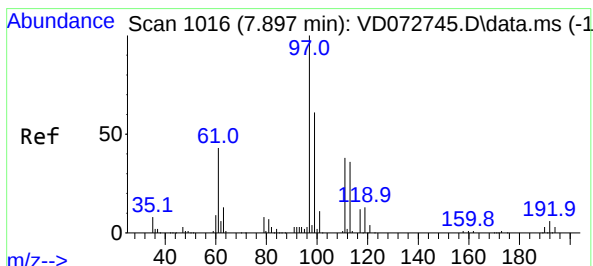
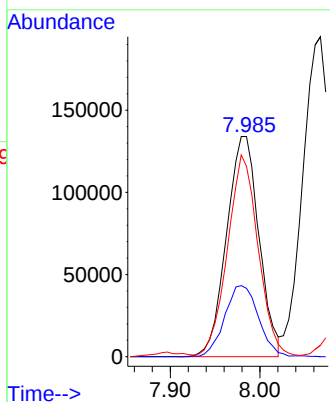
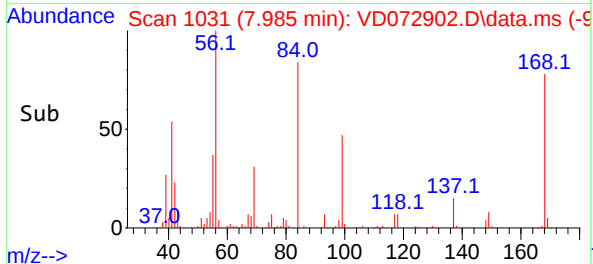
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



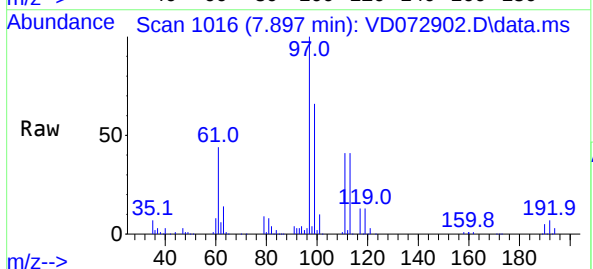
Tgt Ion: 56 Resp: 335970
Ion Ratio Lower Upper
56 100
69 31.0 25.4 38.2
84 85.1 63.0 94.4

Manual Integrations
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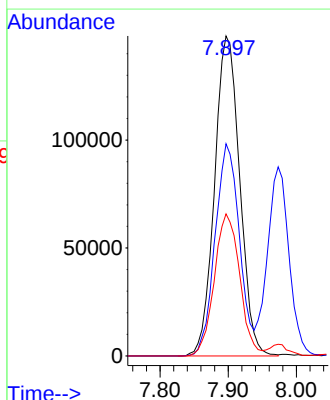
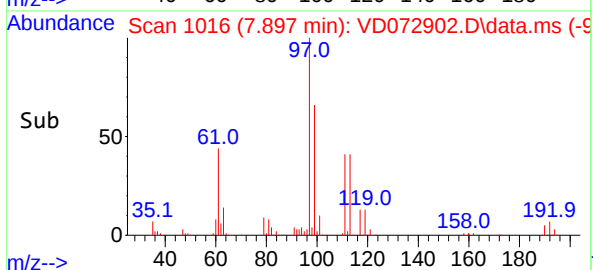
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

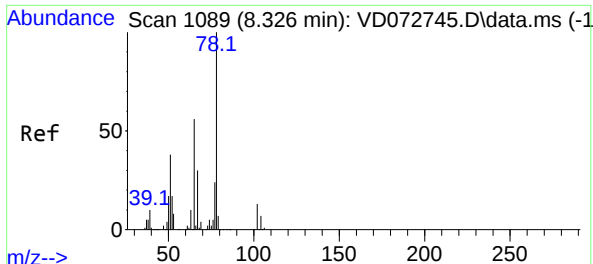


#32
1,1,1-Trichloroethane
Concen: 52.323 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



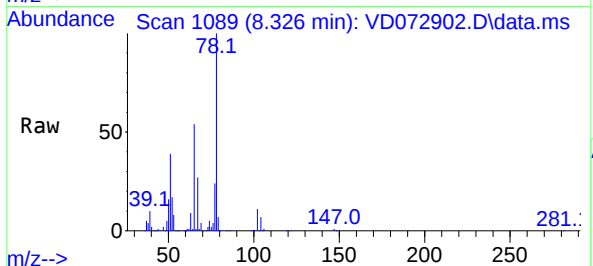
Tgt Ion: 97 Resp: 380749
Ion Ratio Lower Upper
97 100
99 64.4 52.4 78.6
61 44.8 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 51.508 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

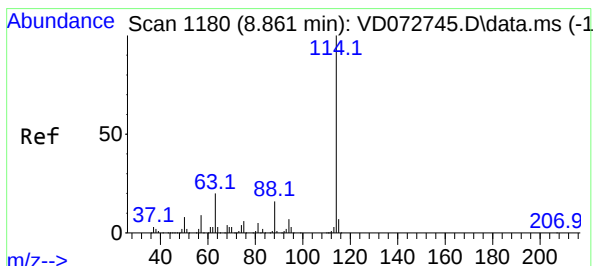
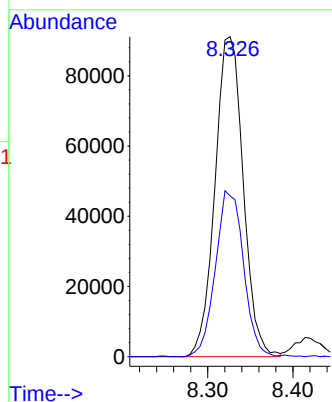
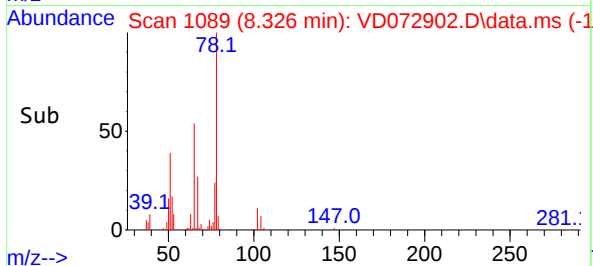
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



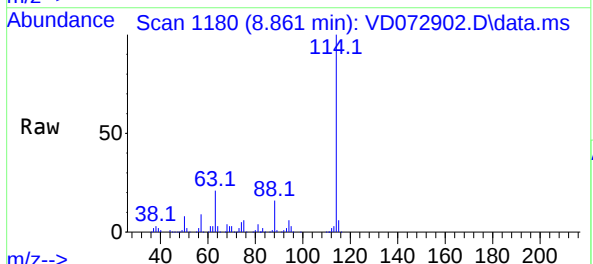
Tgt Ion: 65 Resp: 209694
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4

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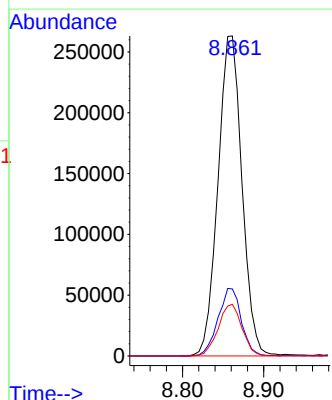
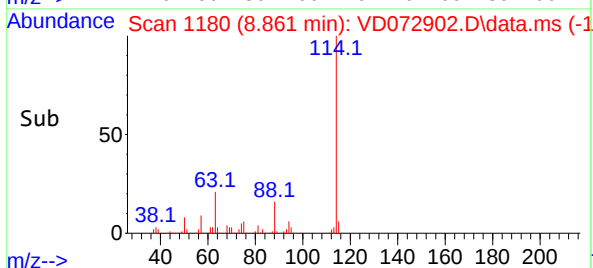
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



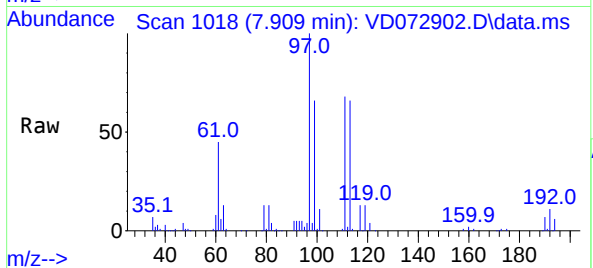
Tgt Ion:114 Resp: 540858
Ion Ratio Lower Upper
114 100
63 21.0 0.0 46.6
88 16.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.600 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

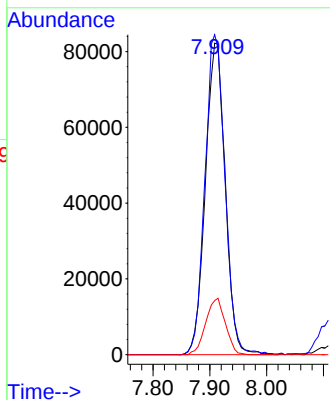
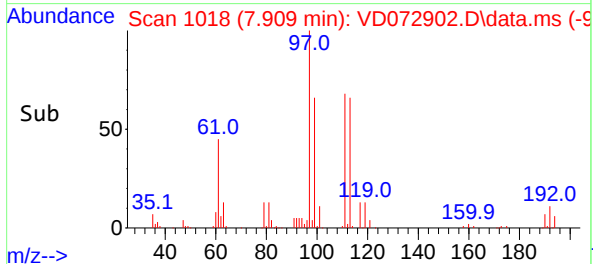
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



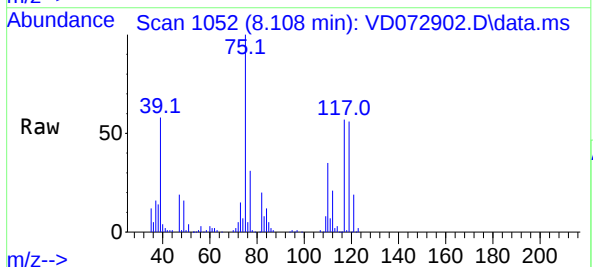
Tgt Ion: 113 Resp: 199800
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 17.8 14.6 21.8

Manual Integrations
APPROVED

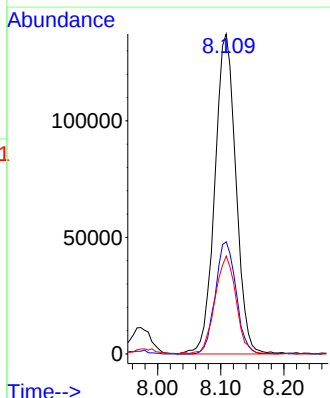
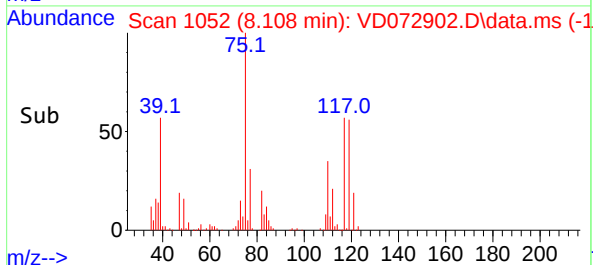
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

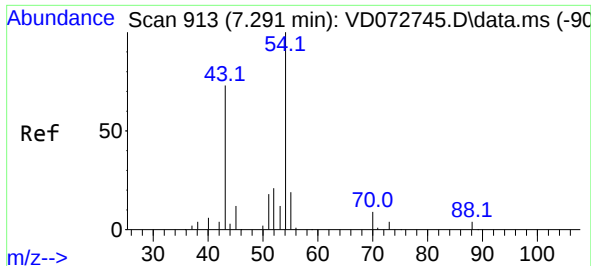


#36
1,1-Dichloropropene
Concen: 51.622 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.001 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



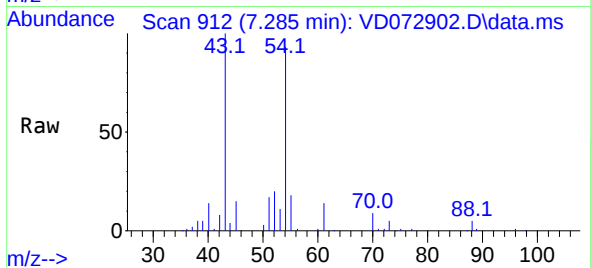
Tgt Ion: 75 Resp: 318841
Ion Ratio Lower Upper
75 100
110 34.4 16.4 49.1
77 30.8 24.2 36.2





#37
Ethyl Acetate
Concen: 51.469 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

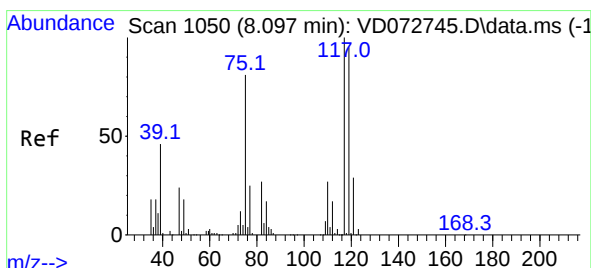
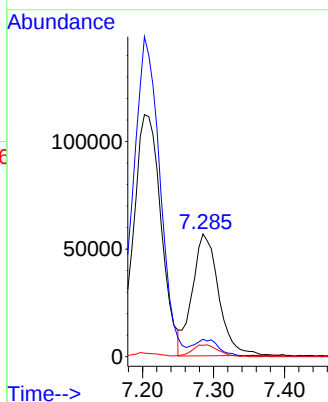
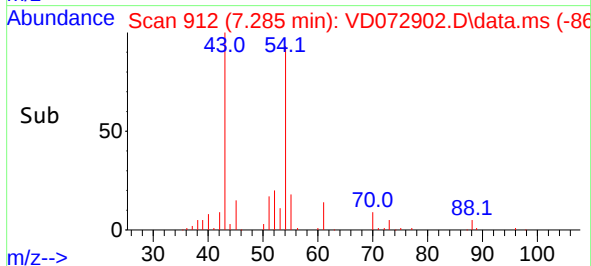
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 146138
Ion Ratio Lower Upper
43 100
61 13.8 9.8 14.8
70 9.8 6.9 10.3

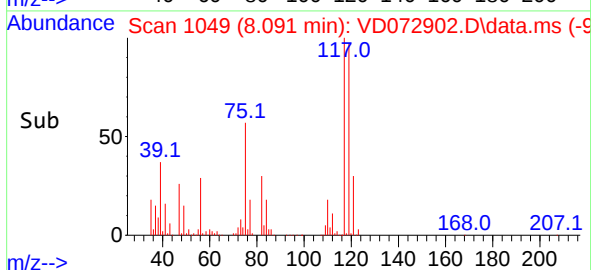
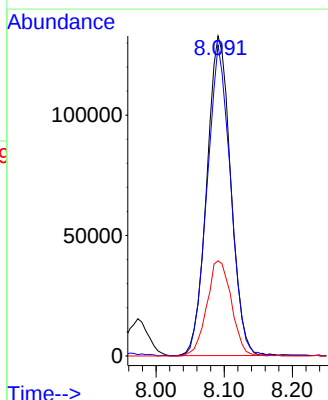
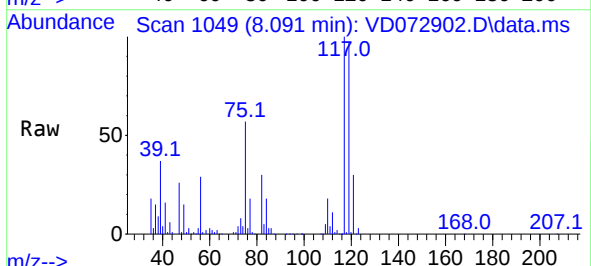
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#38
Carbon Tetrachloride
Concen: 50.502 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

Tgt Ion:117 Resp: 323795
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.6
121 29.8 24.5 36.7





#39

Methylcyclohexane

Concen: 49.266 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072902.D

Acq: 09 May 2022 20:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 35295

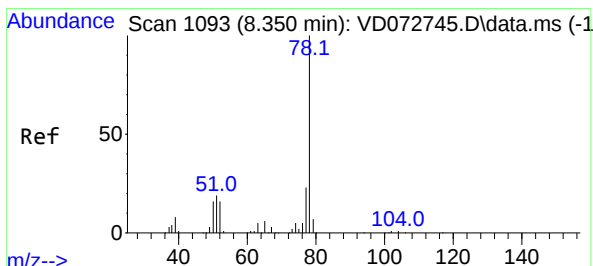
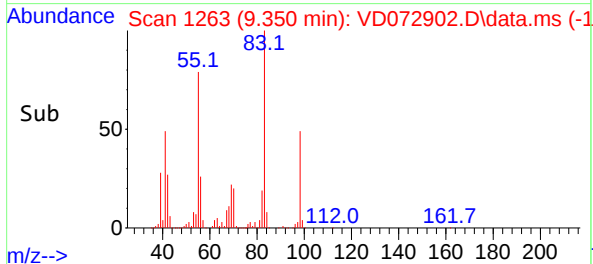
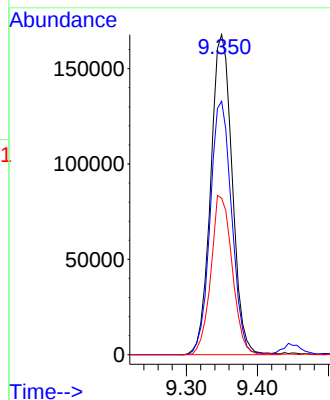
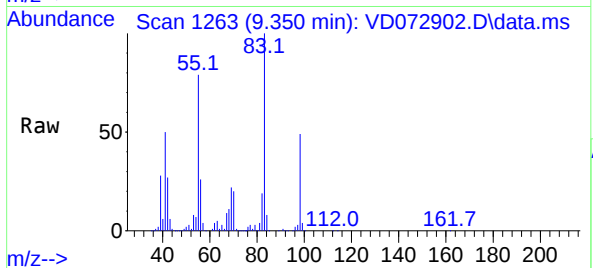
Ion	Ratio	Lower	Upper
83	100		
55	79.2	63.2	94.8
98	48.9	38.2	57.4

Manual Integrations

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Reviewed By :John Carlone 05/10/2022

Supervised By :Mahesh Dadoda 05/10/2022



#40

Benzene

Concen: 52.264 ug/l

RT: 8.344 min Scan# 1092

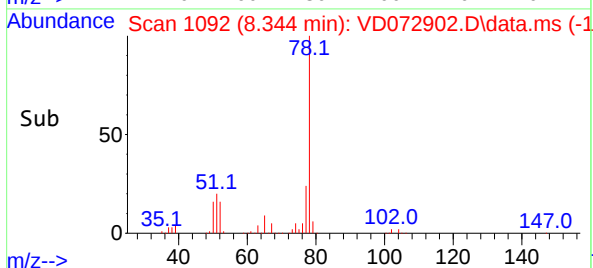
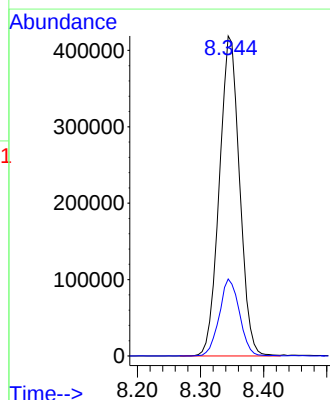
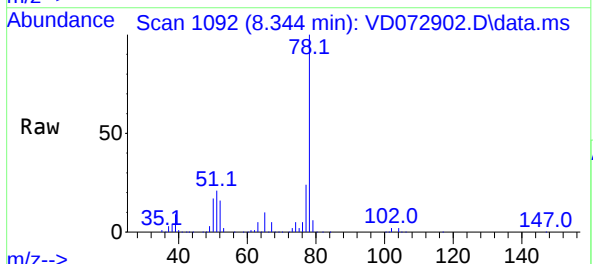
Delta R.T. -0.006 min

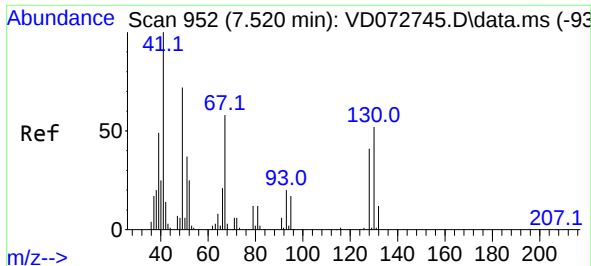
Lab File: VD072902.D

Acq: 09 May 2022 20:41

Tgt Ion: 78 Resp: 932209

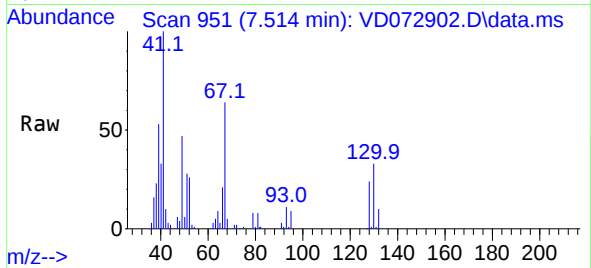
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7





#41
Methacrylonitrile
Concen: 51.611 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

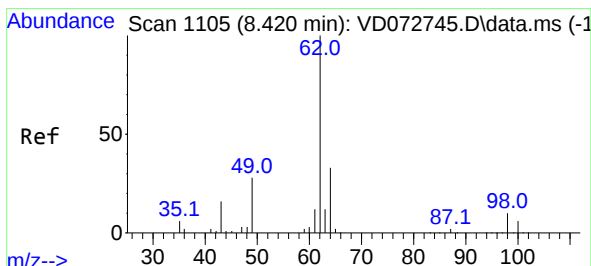
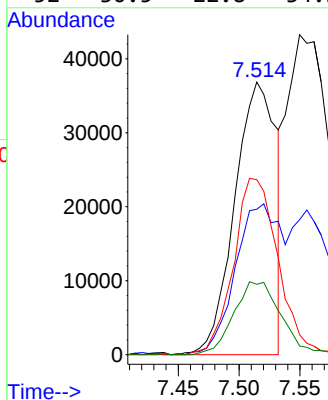
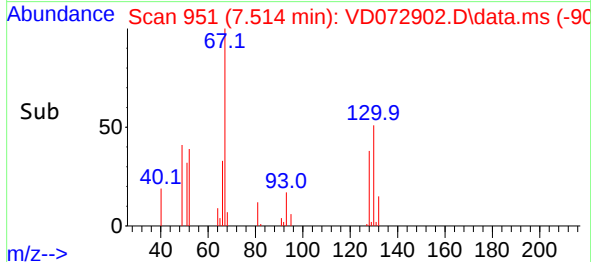
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



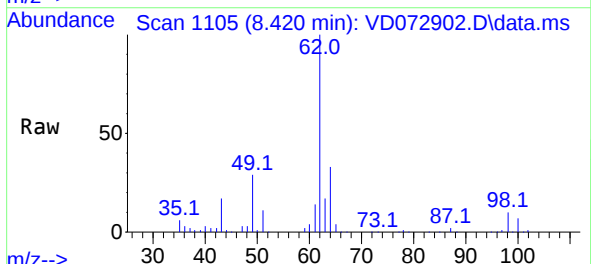
Tgt Ion: 41 Resp: 87250
Ion Ratio Lower Upper
41 100
39 61.9 44.6 67.0
67 69.5 48.2 72.4
52 30.5 22.8 34.2

Manual Integrations
APPROVED

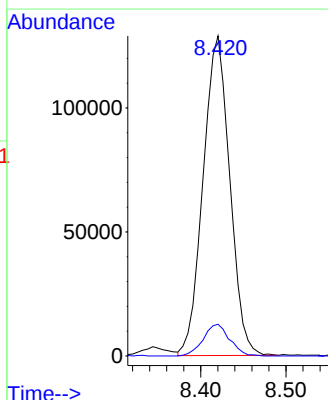
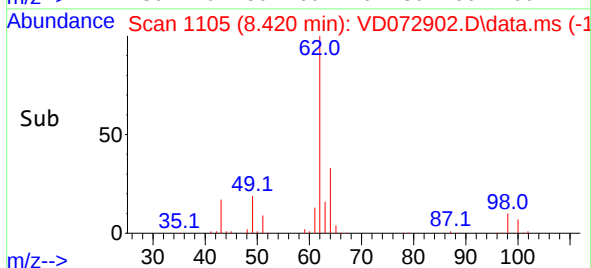
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

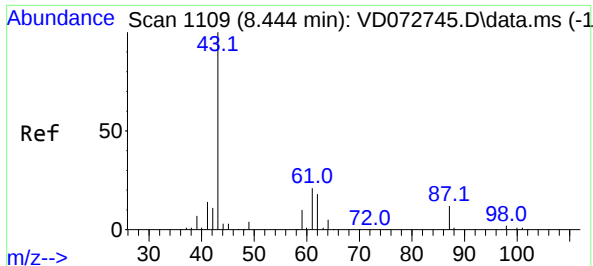


#42
1,2-Dichloroethane
Concen: 52.228 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



Tgt Ion: 62 Resp: 280728
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.6





#43

Isopropyl Acetate

Concen: 54.374 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD072902.D

Acq: 09 May 2022 20:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 28495

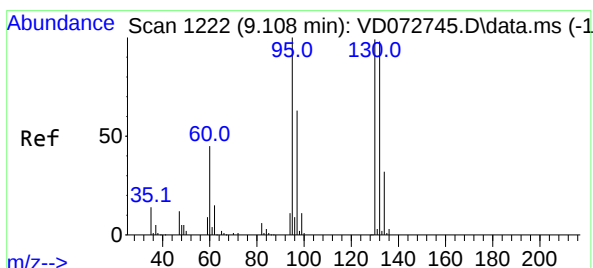
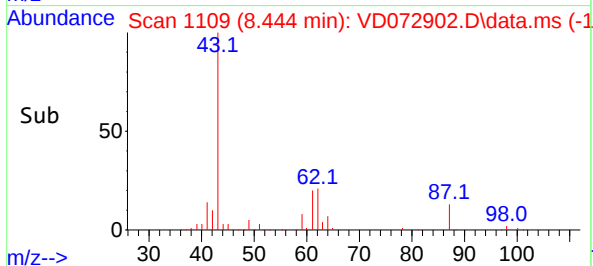
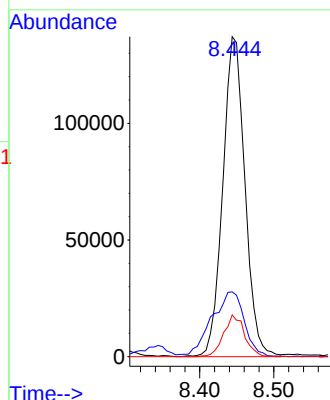
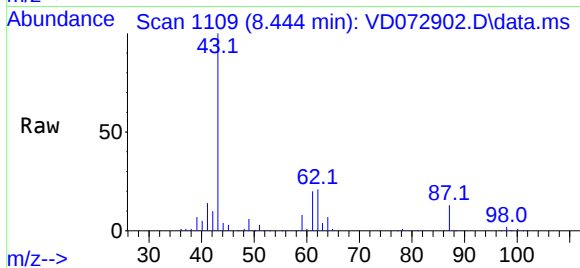
Ion	Ratio	Lower	Upper
43	100		
61	30.0	22.4	33.6
87	12.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2022

Supervised By :Mahesh Dadoda 05/10/2022



#44

Trichloroethene

Concen: 49.981 ug/l

RT: 9.108 min Scan# 1222

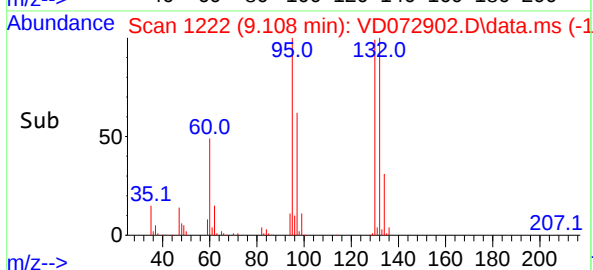
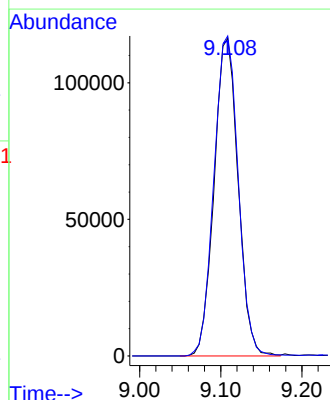
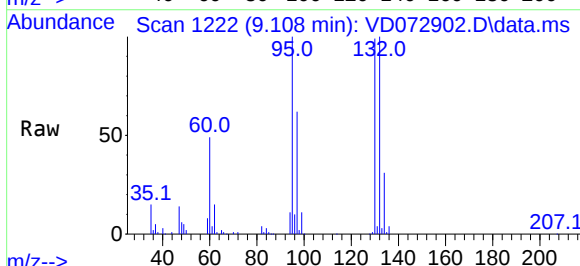
Delta R.T. 0.000 min

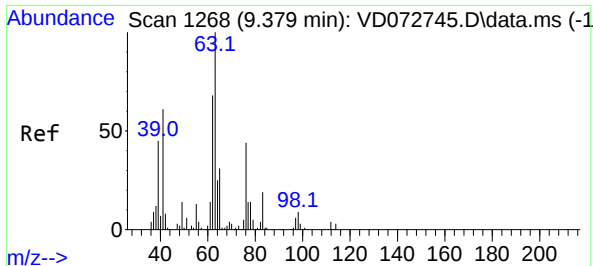
Lab File: VD072902.D

Acq: 09 May 2022 20:41

Tgt Ion:130 Resp: 238504

Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	205.4





#45

1,2-Dichloropropane

Concen: 52.702 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD072902.D

Acq: 09 May 2022 20:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 246870

Ion Ratio Lower Upper

63 100

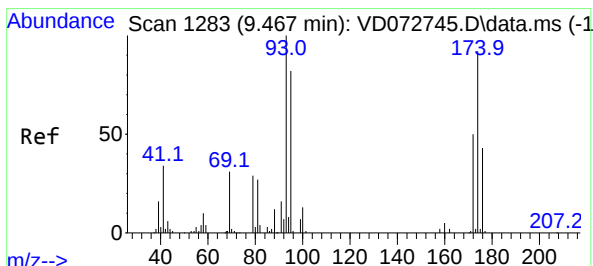
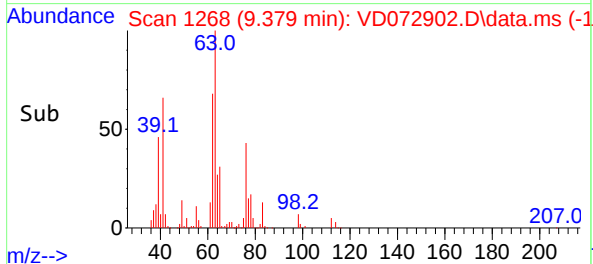
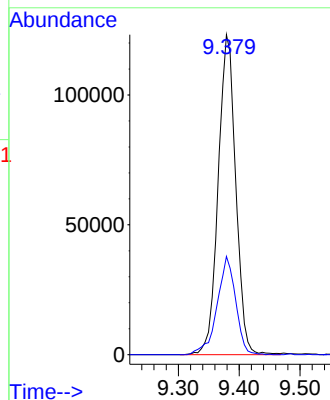
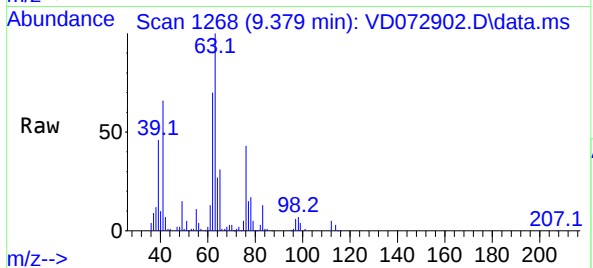
65 30.7 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2022

Supervised By :Mahesh Dadoda 05/10/2022



#46

Dibromomethane

Concen: 51.452 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD072902.D

Acq: 09 May 2022 20:41

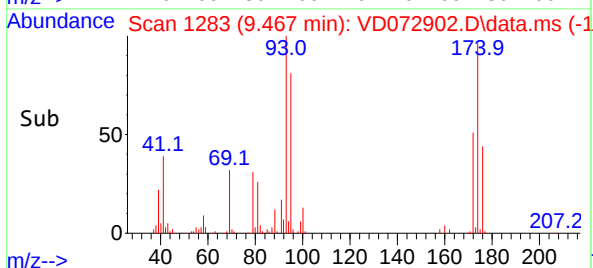
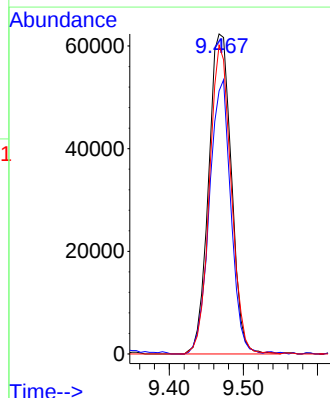
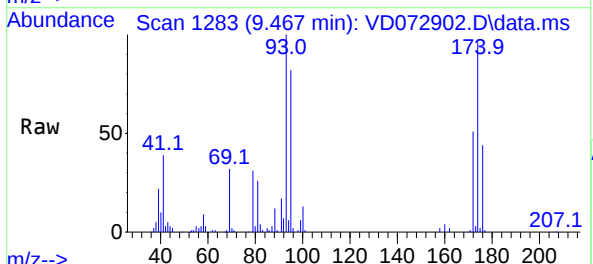
Tgt Ion: 93 Resp: 132948

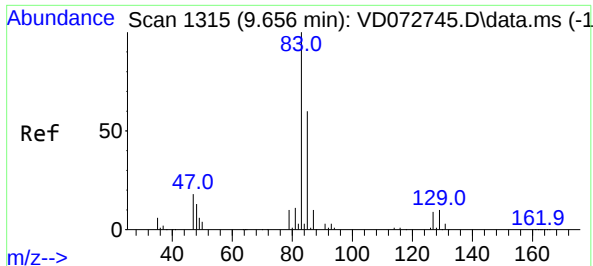
Ion Ratio Lower Upper

93 100

95 80.5 66.7 100.1

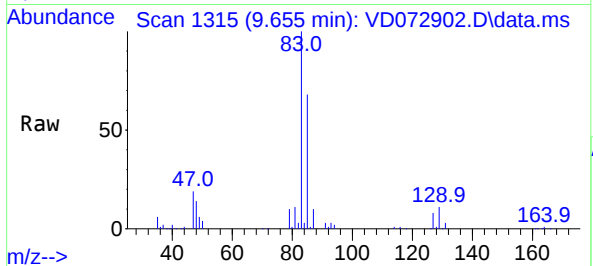
174 91.5 71.6 107.4





#47
Bromodichloromethane
Concen: 52.317 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

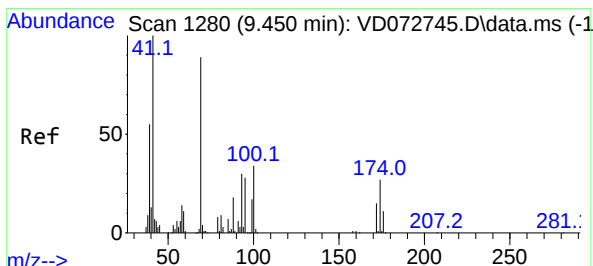
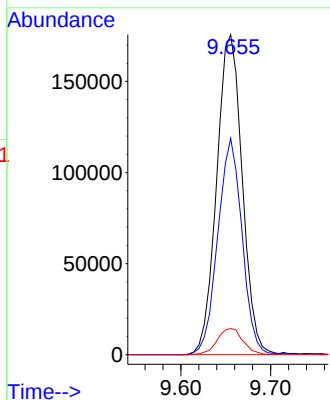
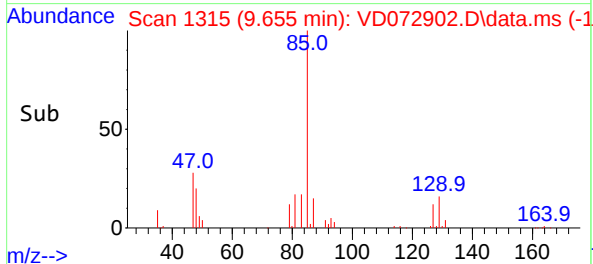
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



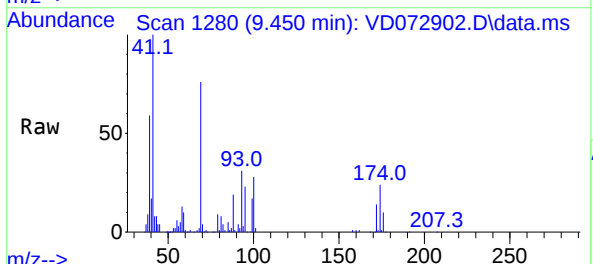
Tgt Ion: 83 Resp: 347762
Ion Ratio Lower Upper
83 100
85 67.6 51.4 77.0
127 8.1 6.1 9.1

Manual Integrations
APPROVED

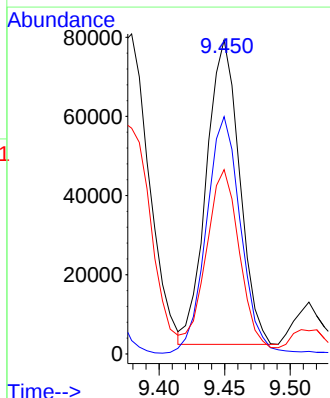
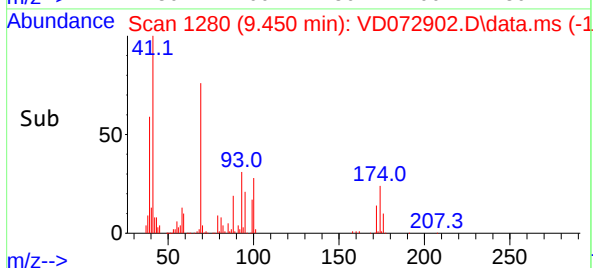
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

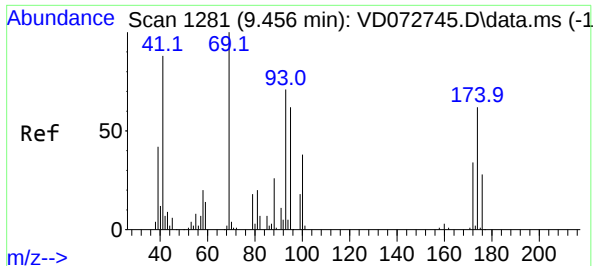


#48
Methyl methacrylate
Concen: 52.610 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



Tgt Ion: 41 Resp: 134880
Ion Ratio Lower Upper
41 100
69 82.2 56.7 85.1
39 63.1 42.7 64.1





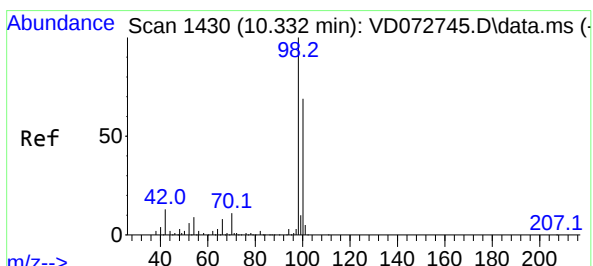
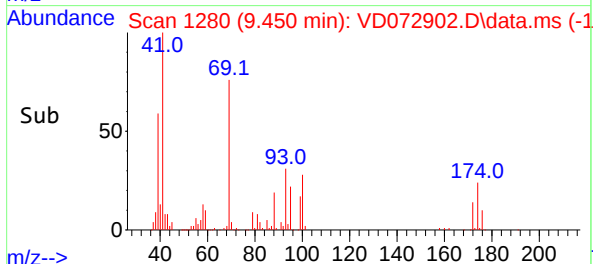
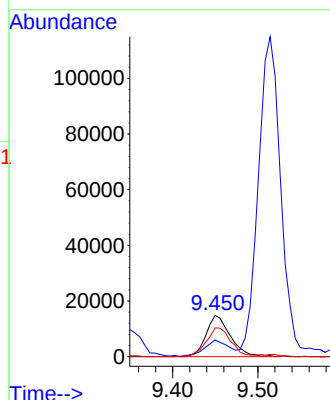
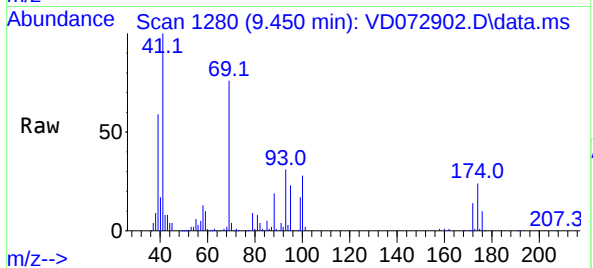
#49
1,4-Dioxane
Concen: 1004.427 ug/l
RT: 9.450 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 29220
Ion Ratio Lower Upper
88 100
43 39.8 31.0 46.4
58 71.9 58.1 87.1

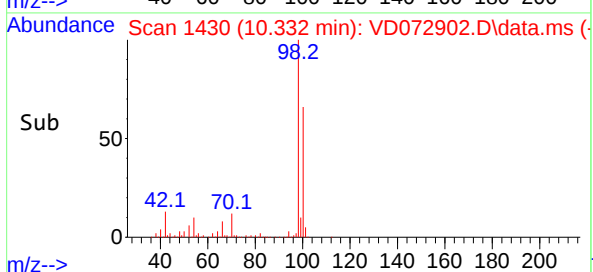
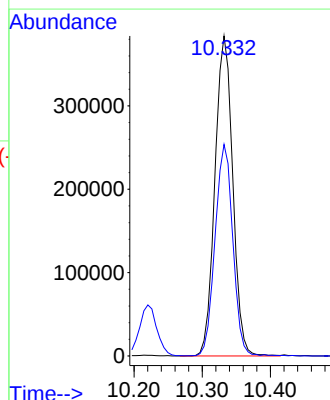
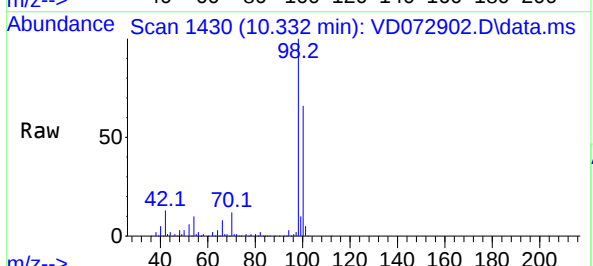
Manual Integrations
APPROVED

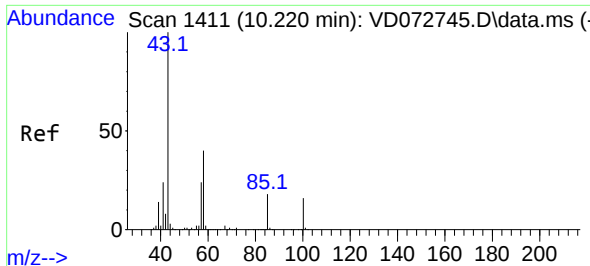
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#50
Toluene-d8
Concen: 51.226 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

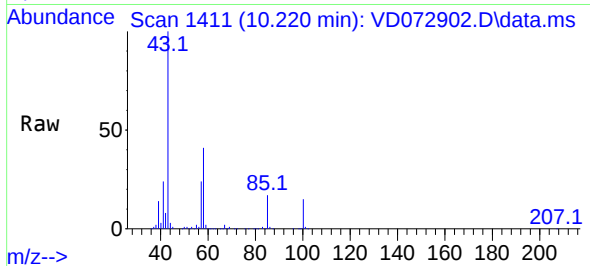
Tgt Ion: 98 Resp: 697990
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 269.371 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

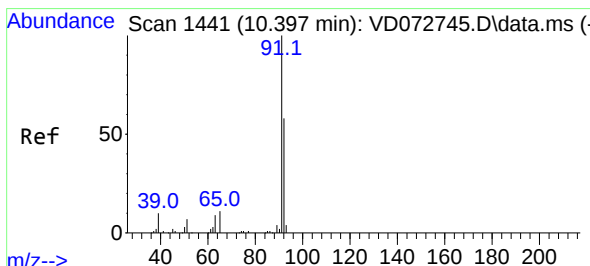
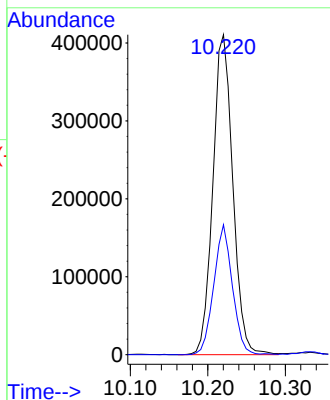
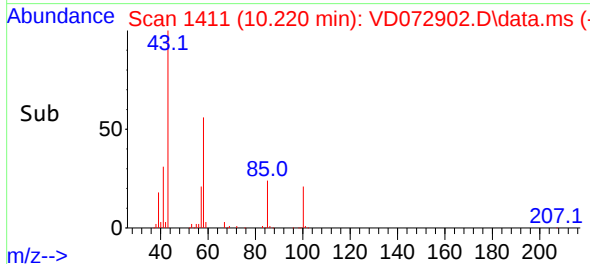
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 733554
Ion Ratio Lower Upper
43 100
58 38.0 28.6 43.0

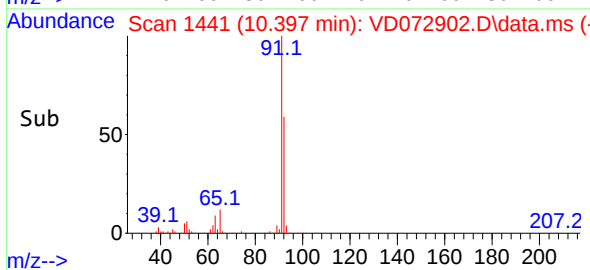
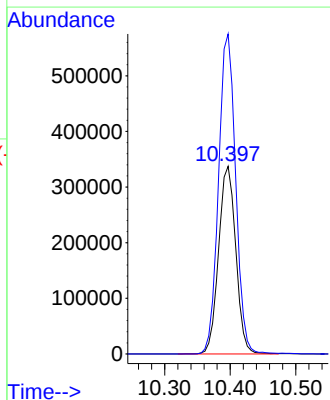
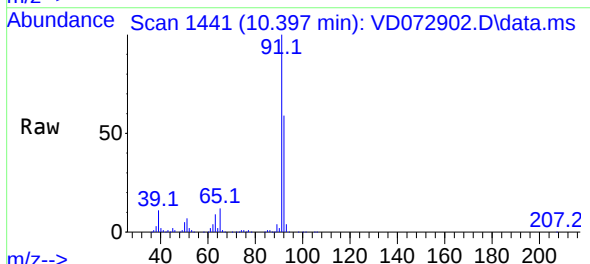
Manual Integrations
APPROVED

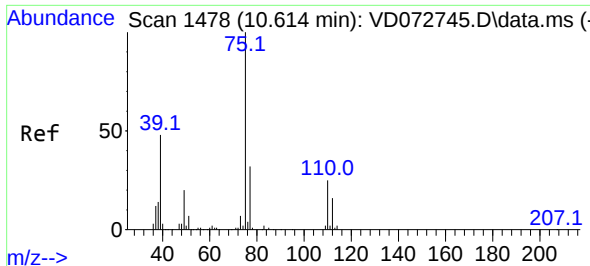
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#52
Toluene
Concen: 55.048 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

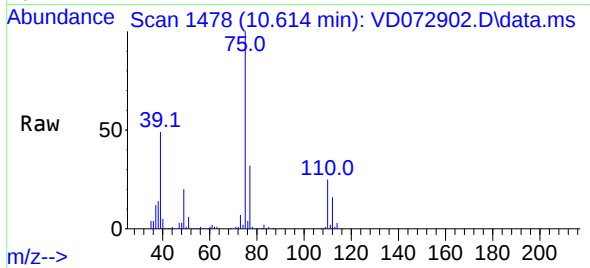
Tgt Ion: 92 Resp: 612485
Ion Ratio Lower Upper
92 100
91 169.6 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 53.077 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

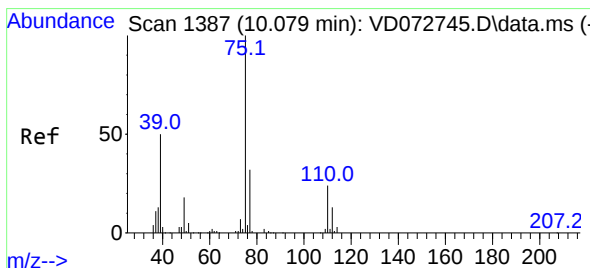
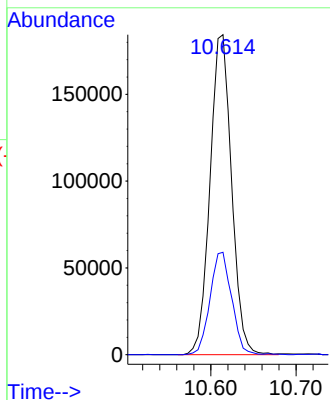
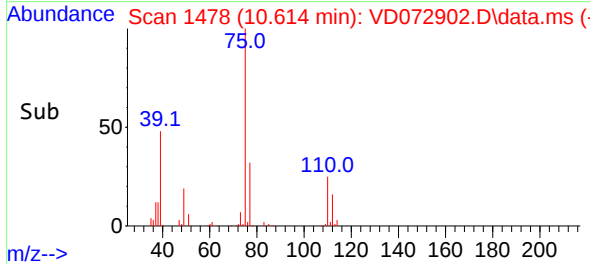
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



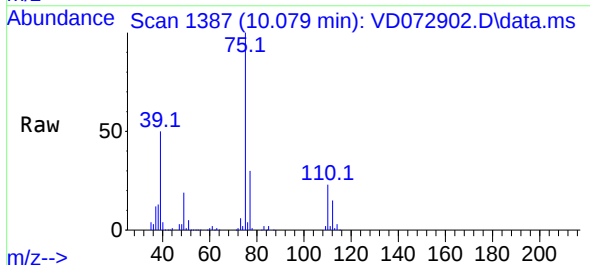
Tgt Ion: 75 Resp: 32407
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7

Manual Integrations
APPROVED

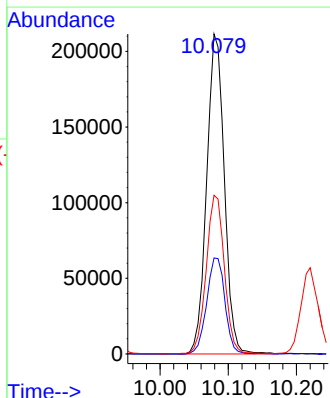
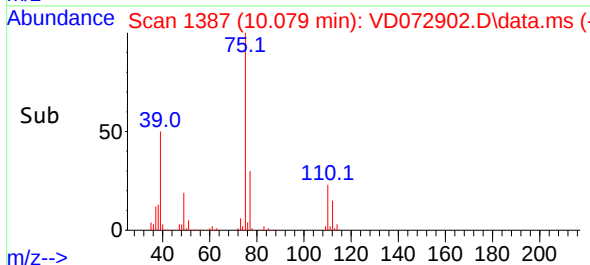
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

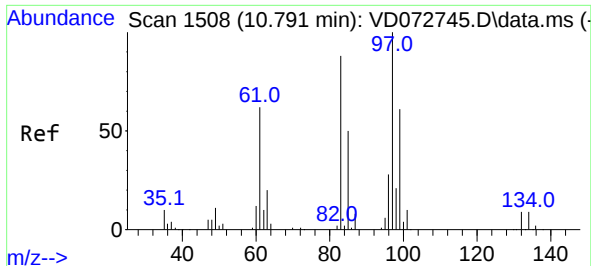


#54
cis-1,3-Dichloropropene
Concen: 53.752 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



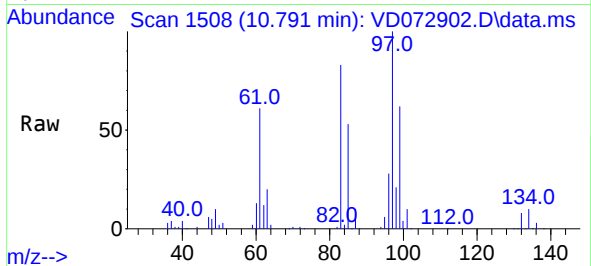
Tgt Ion: 75 Resp: 381294
Ion Ratio Lower Upper
75 100
77 30.0 24.8 37.2
39 49.5 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 51.816 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

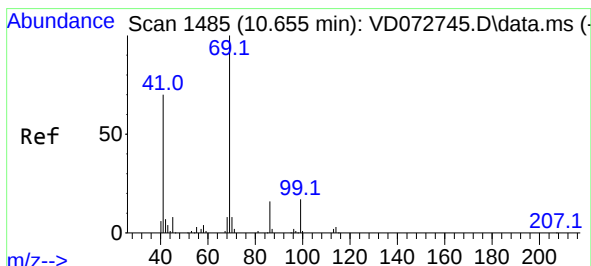
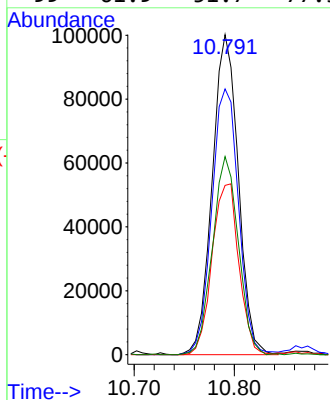
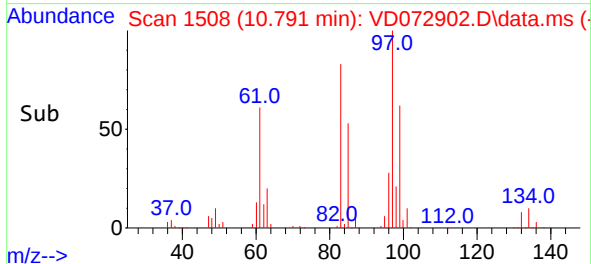
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



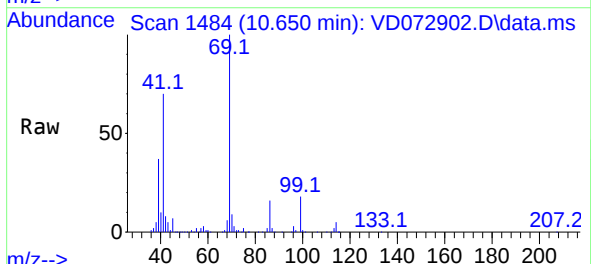
Tgt Ion: 97 Resp: 180998
Ion Ratio Lower Upper
97 100
83 83.1 69.0 103.4
85 52.9 42.6 63.8
99 61.9 51.7 77.5

Manual Integrations
APPROVED

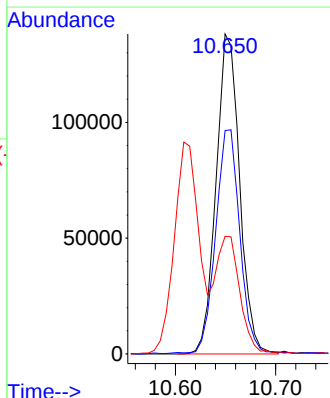
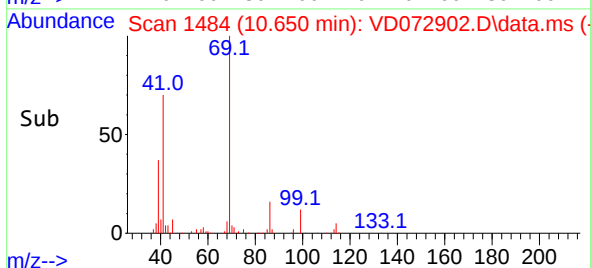
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

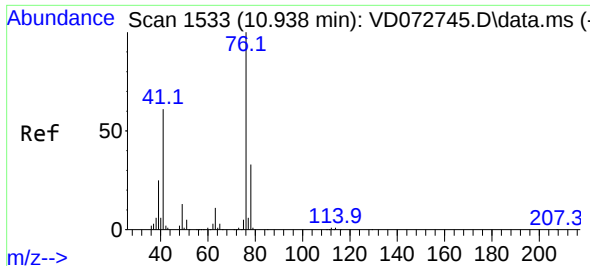


#56
Ethyl methacrylate
Concen: 54.773 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.005 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



Tgt Ion: 69 Resp: 225272
Ion Ratio Lower Upper
69 100
41 71.8 63.0 94.6
39 38.4 33.8 50.8





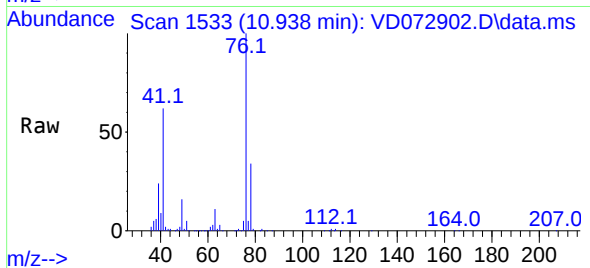
#57
1,3-Dichloropropane
Concen: 52.398 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



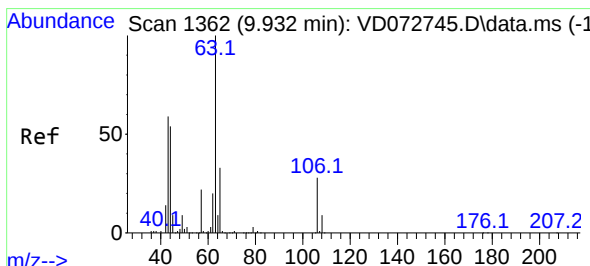
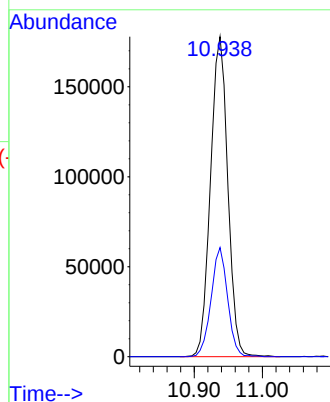
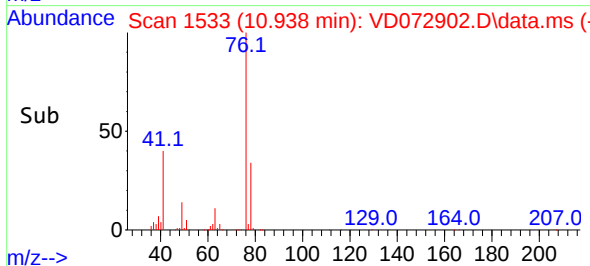
Tgt Ion: 76 Resp: 314090
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

Manual Integrations

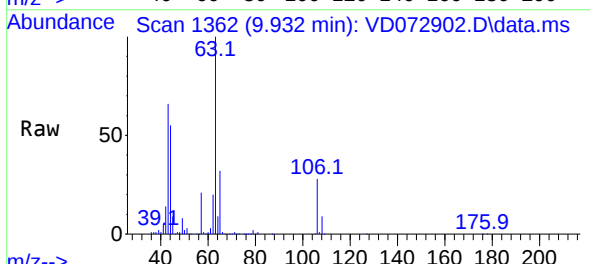
APPROVED

Reviewed By :John Carlone 05/10/2022

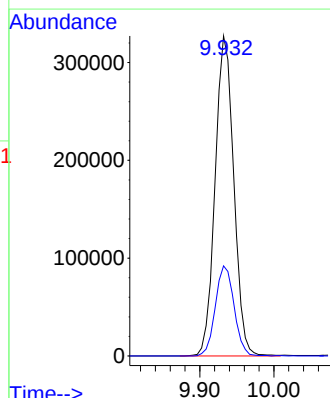
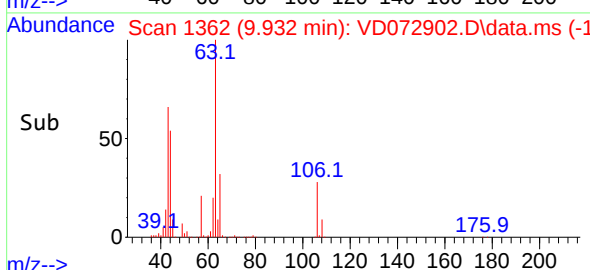
Supervised By :Mahesh Dadoda 05/10/2022

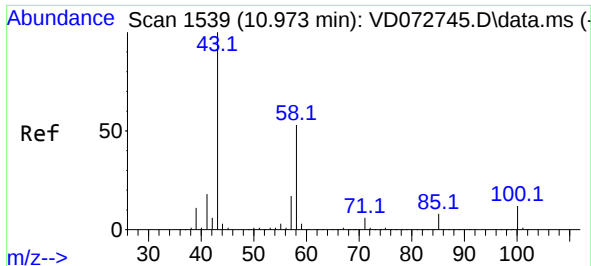


#58
2-Chloroethyl Vinyl ether
Concen: 286.729 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



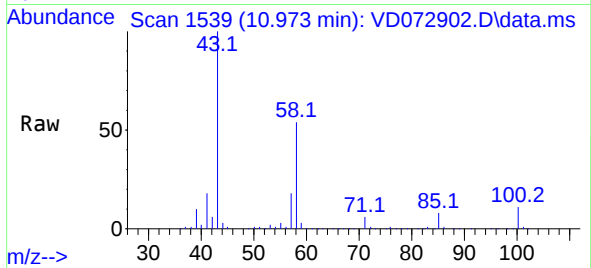
Tgt Ion: 63 Resp: 571751
Ion Ratio Lower Upper
63 100
106 28.3 21.4 32.0





#59
2-Hexanone
Concen: 268.565 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

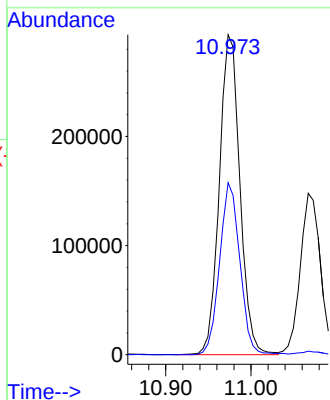
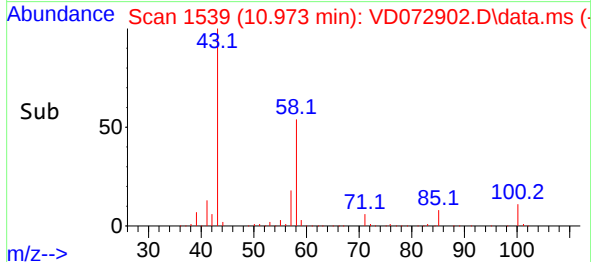
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



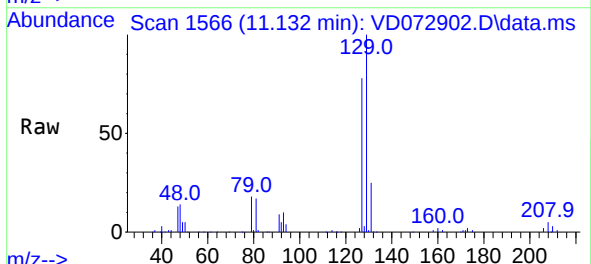
Tgt Ion: 43 Resp: 492120
Ion Ratio Lower Upper
43 100
58 52.9 25.3 75.9

Manual Integrations
APPROVED

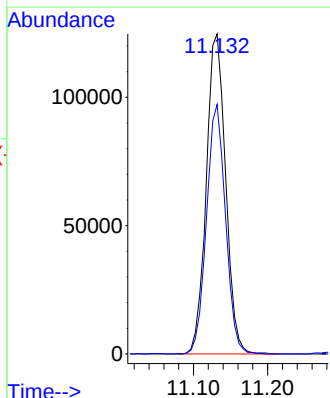
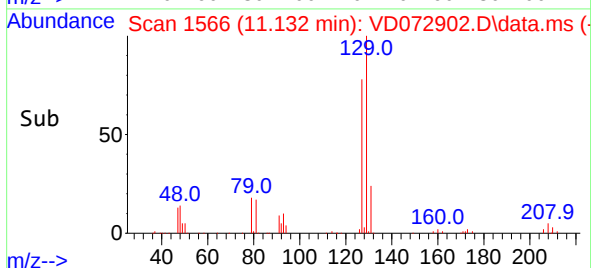
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

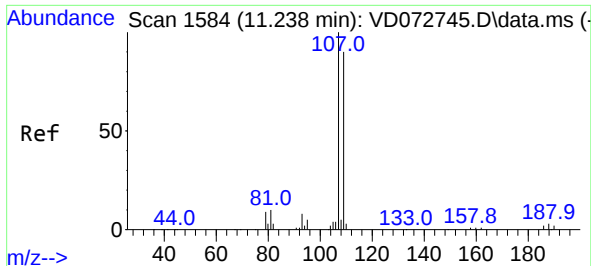


#60
Dibromochloromethane
Concen: 51.437 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



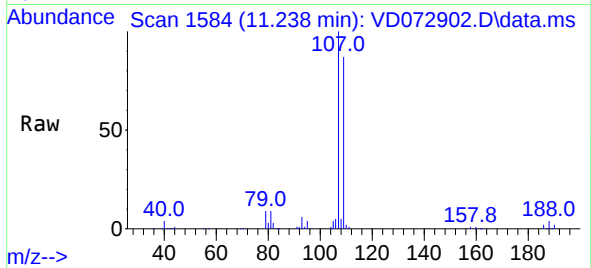
Tgt Ion:129 Resp: 226184
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 50.362 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

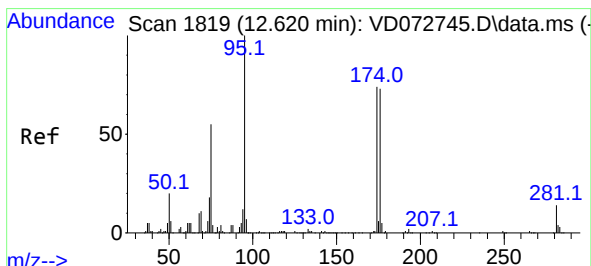
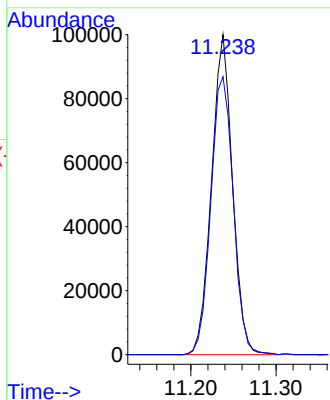
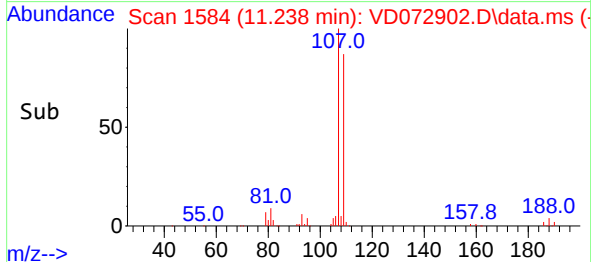
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



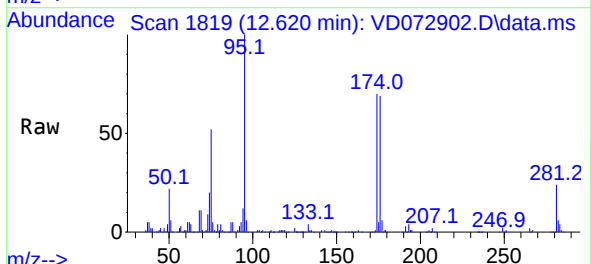
Tgt Ion:107 Resp: 171230
Ion Ratio Lower Upper
107 100
109 92.9 74.2 111.4

Manual Integrations
APPROVED

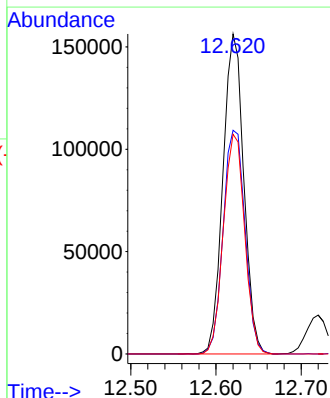
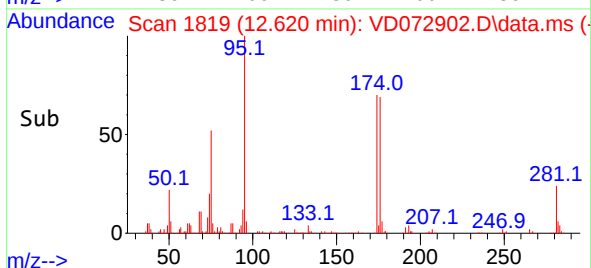
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

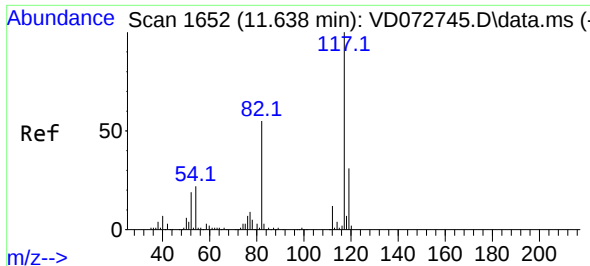


#62
4-Bromofluorobenzene
Concen: 52.303 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



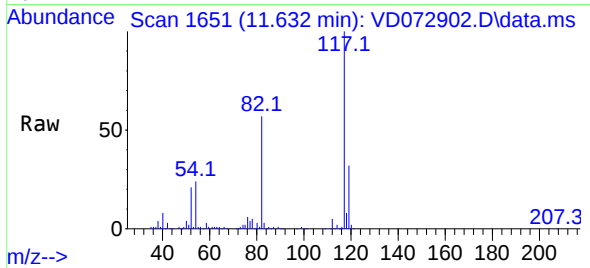
Tgt Ion: 95 Resp: 265729
Ion Ratio Lower Upper
95 100
174 73.2 0.0 152.8
176 70.2 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

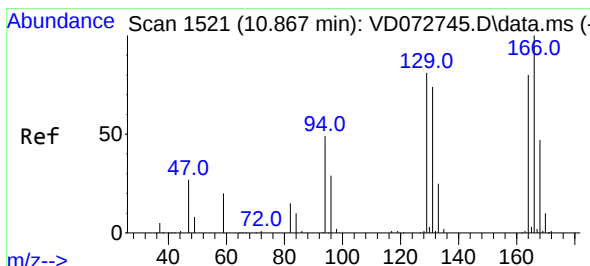
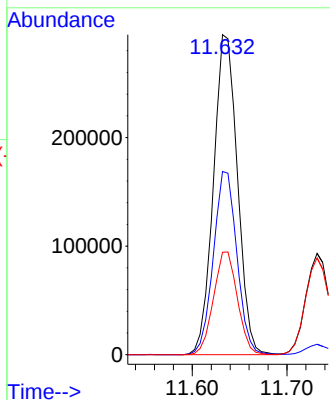
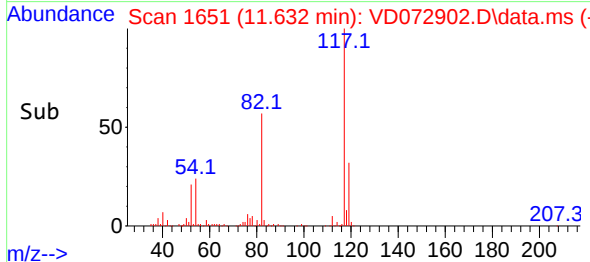
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



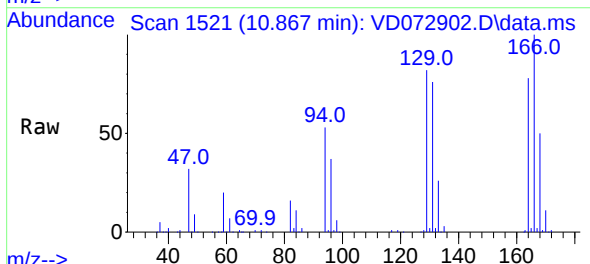
Tgt Ion:117 Resp: 52001
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 32.0 26.6 40.0

Manual Integrations
APPROVED

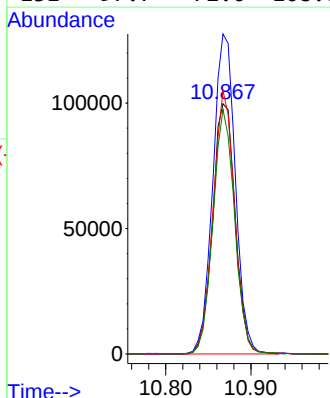
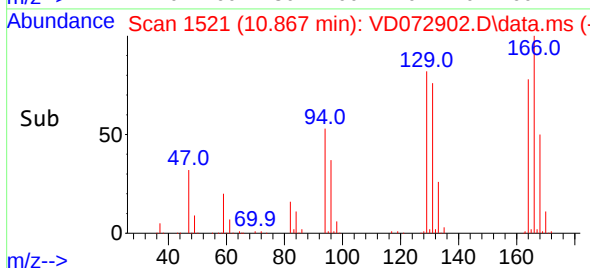
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

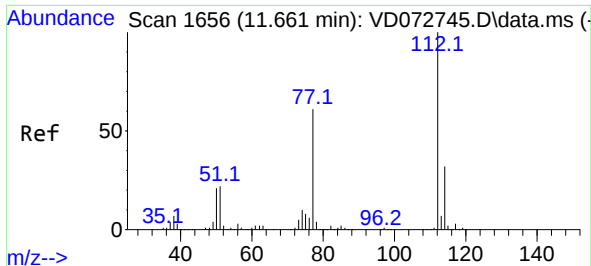


#64
Tetrachloroethene
Concen: 48.520 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



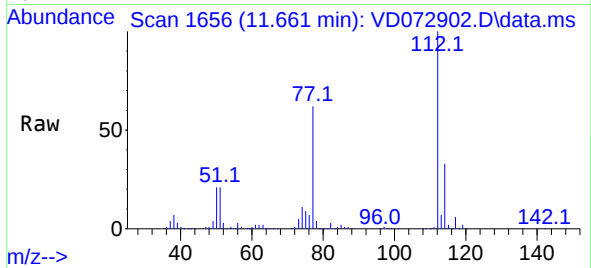
Tgt Ion:164 Resp: 184469
Ion Ratio Lower Upper
164 100
166 127.9 98.5 147.7
129 105.2 74.6 111.8
131 97.7 72.0 108.0





#65
Chlorobenzene
Concen: 52.177 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

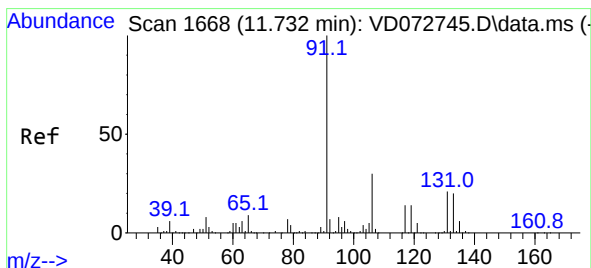
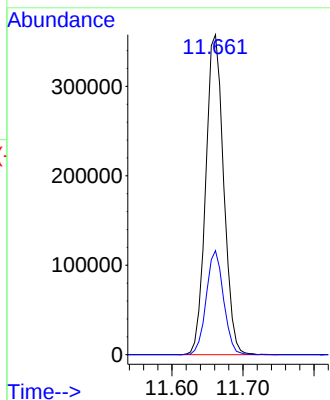
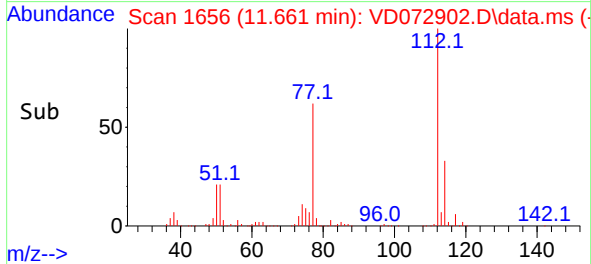
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



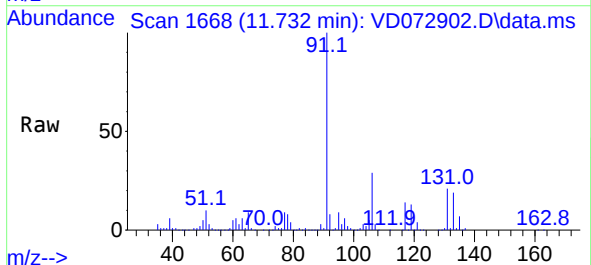
Tgt Ion:112 Resp: 627558
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

Manual Integrations
APPROVED

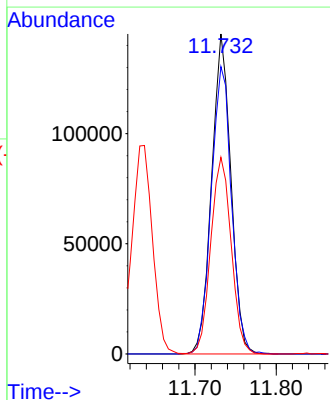
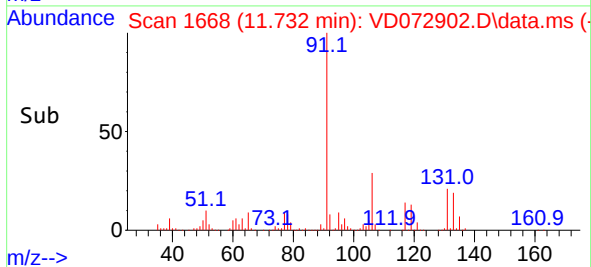
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.936 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



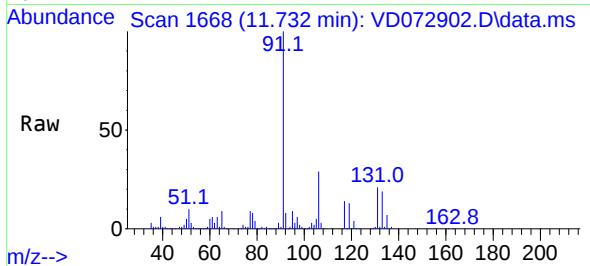
Tgt Ion:131 Resp: 239278
Ion Ratio Lower Upper
131 100
133 94.5 48.1 144.3
119 65.2 31.9 95.9





#67
Ethyl Benzene
Concen: 54.754 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

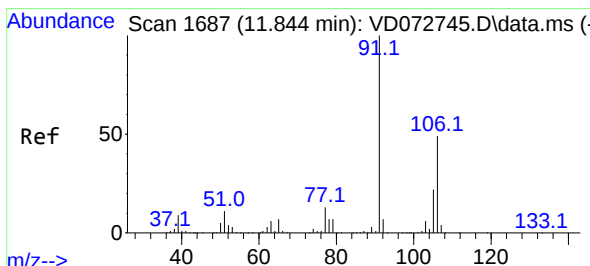
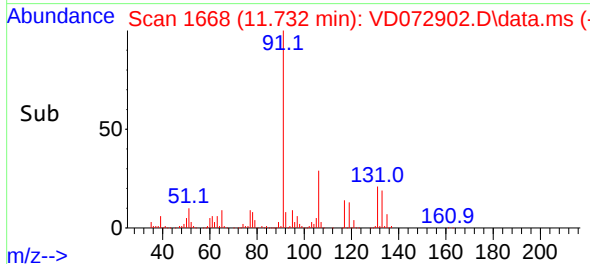
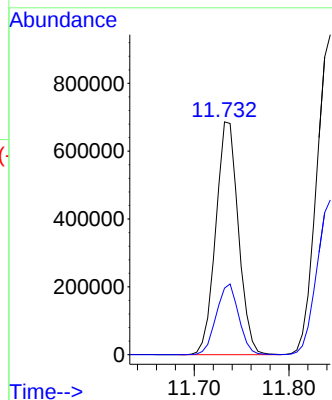
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 113971
Ion Ratio Lower Upper
91 100
106 28.6 24.2 36.4

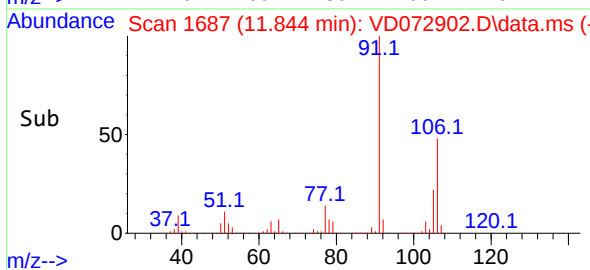
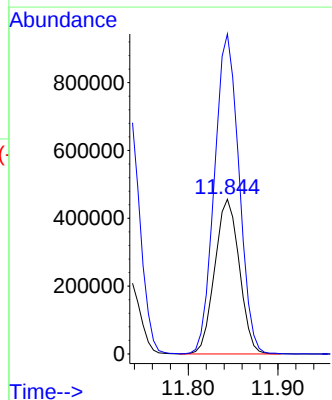
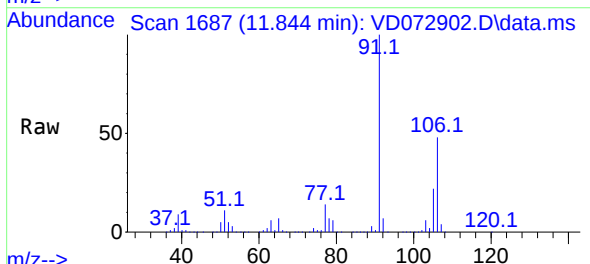
Manual Integrations
APPROVED

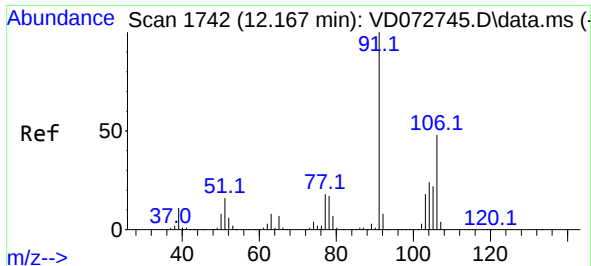
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#68
m/p-Xylenes
Concen: 108.059 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

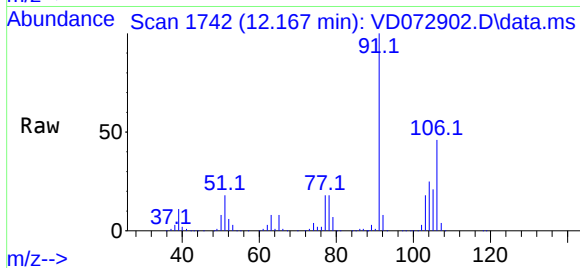
Tgt Ion:106 Resp: 866421
Ion Ratio Lower Upper
106 100
91 206.7 163.7 245.5





#69
o-Xylene
Concen: 54.756 ug/l
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

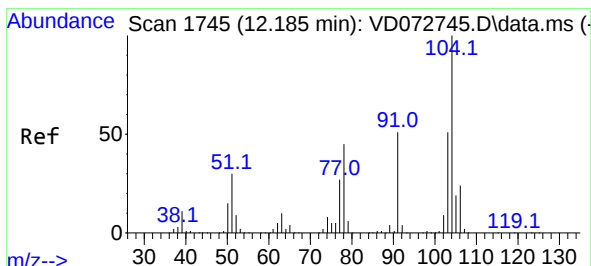
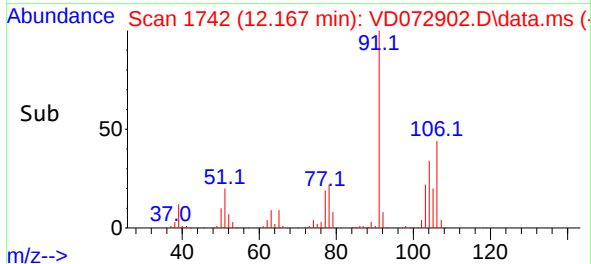
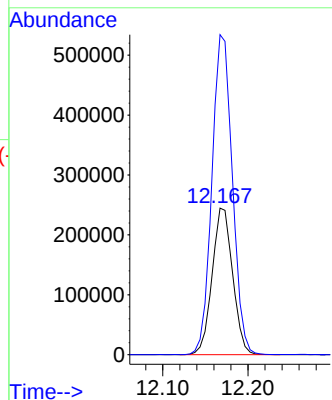
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 41002
Ion Ratio Lower Upper
106 100
91 217.8 110.4 331.2

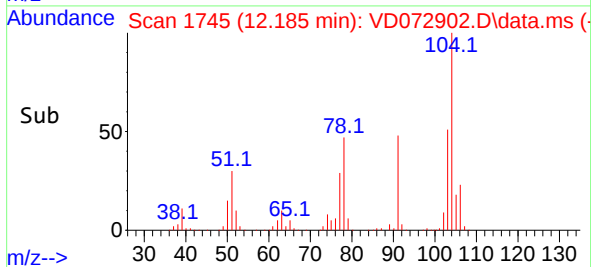
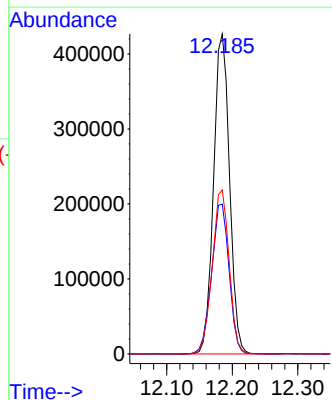
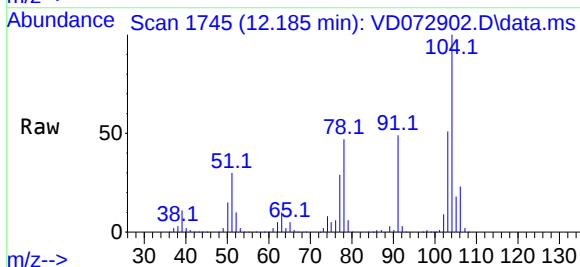
Manual Integrations
APPROVED

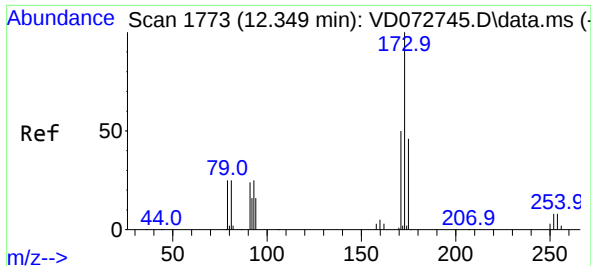
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#70
Styrene
Concen: 55.491 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

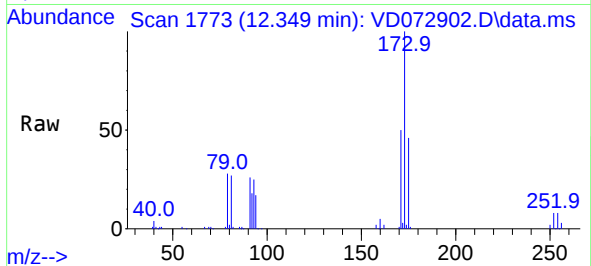
Tgt Ion:104 Resp: 719952
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.8
103 54.3 44.2 66.4





#71
Bromoform
Concen: 49.322 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

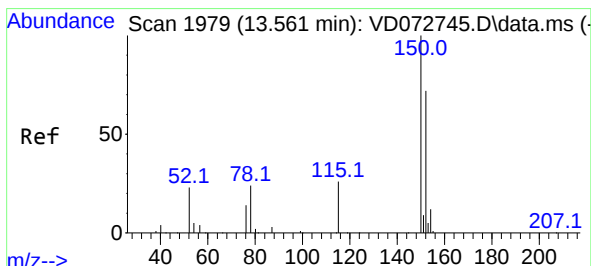
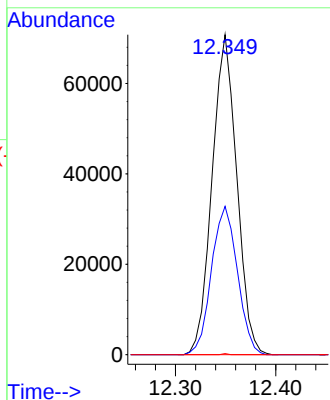
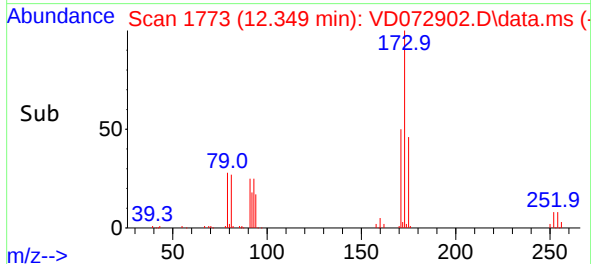
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



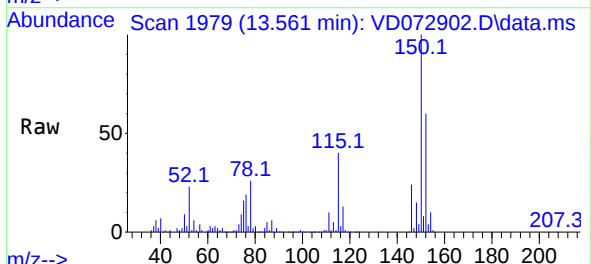
Tgt Ion:173 Resp: 120825
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

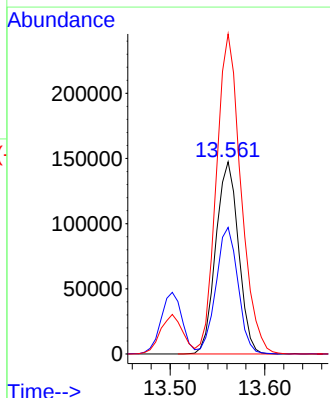
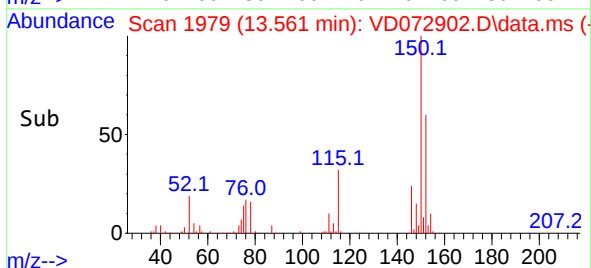
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

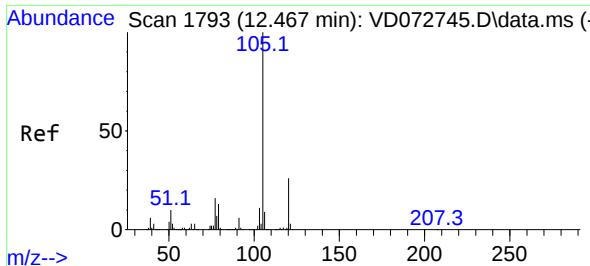


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



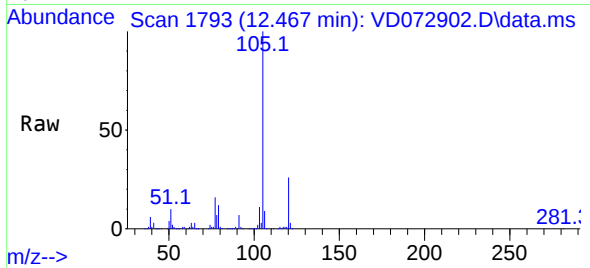
Tgt Ion:152 Resp: 245633
Ion Ratio Lower Upper
152 100
115 64.2 31.3 93.8
150 180.3 0.0 348.6





#73
Isopropylbenzene
Concen: 56.299 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

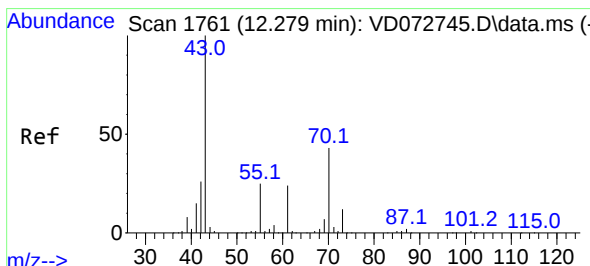
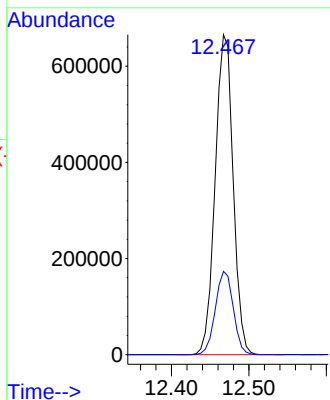
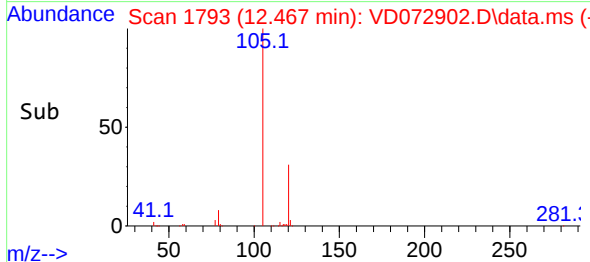
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



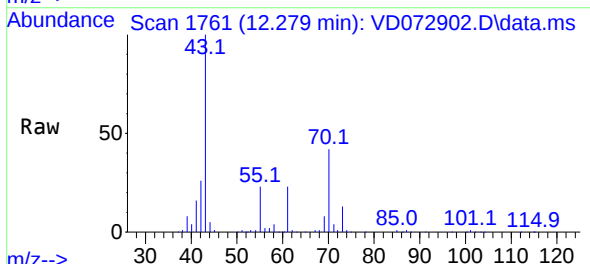
Tgt Ion:105 Resp: 107593
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

Manual Integrations
APPROVED

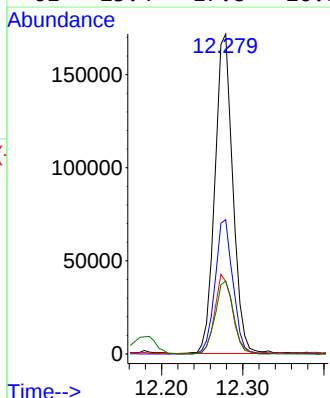
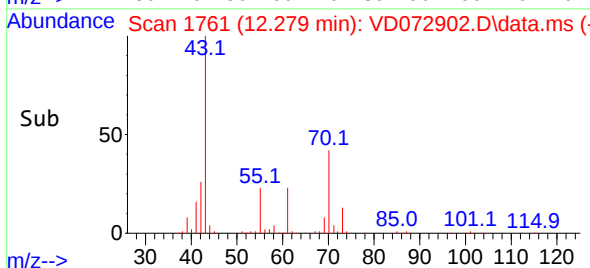
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

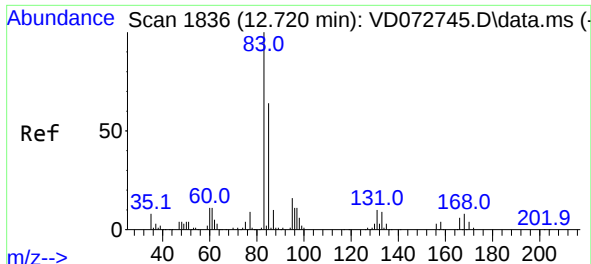


#74
N-ethyl acetate
Concen: 55.431 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



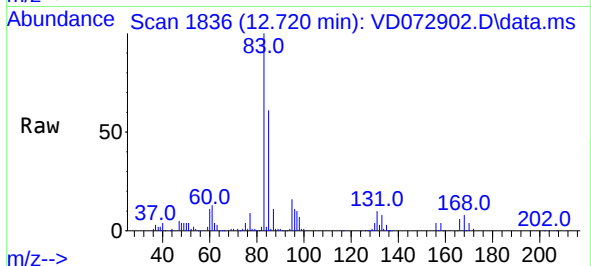
Tgt Ion: 43 Resp: 263807
Ion Ratio Lower Upper
43 100
70 42.0 31.3 46.9
55 24.4 20.0 30.0
61 23.4 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 51.185 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

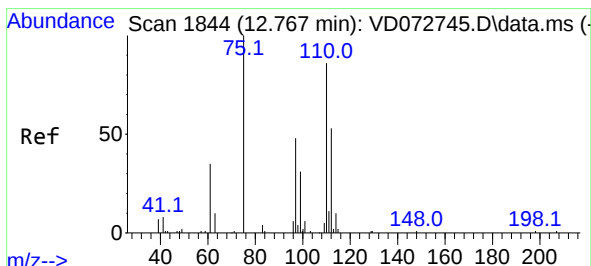
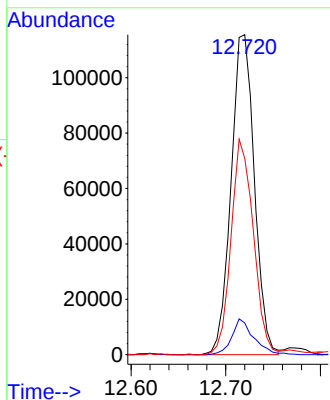
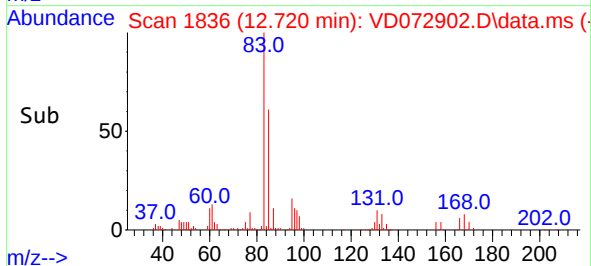
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



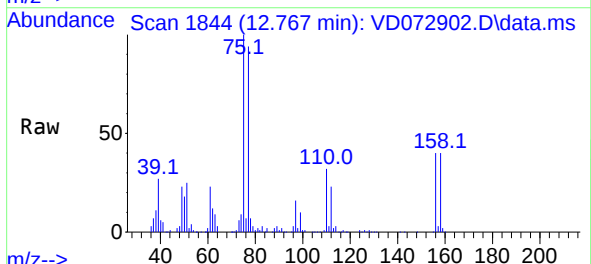
Tgt Ion: 83 Resp: 197459
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 64.4 32.6 98.0

Manual Integrations
APPROVED

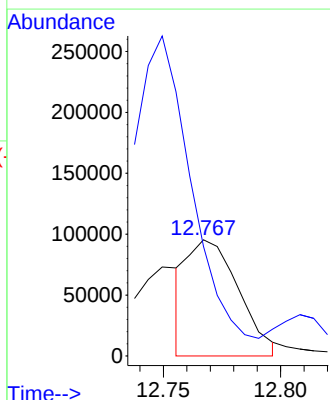
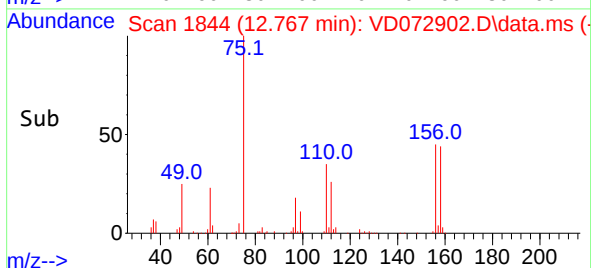
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#76
1,2,3-Trichloropropane
Concen: 53.086 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



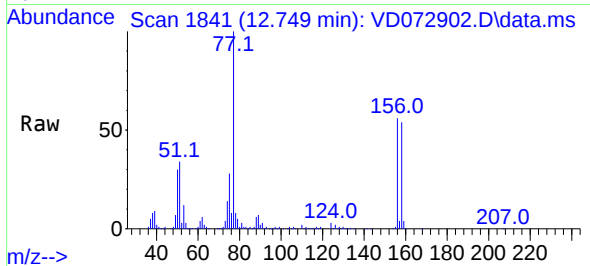
Tgt Ion: 75 Resp: 145402
Ion Ratio Lower Upper
75 100
77 335.6 0.0 0.0#





#77
Bromobenzene
Concen: 54.099 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

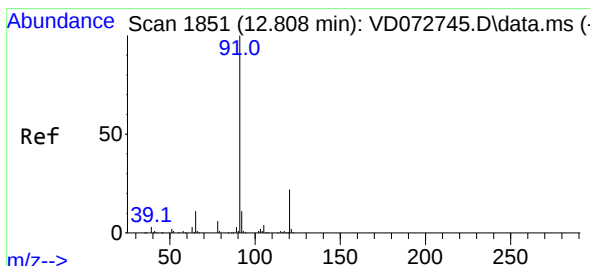
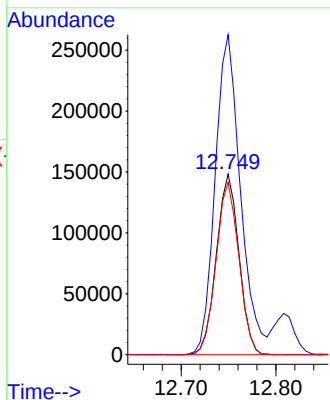
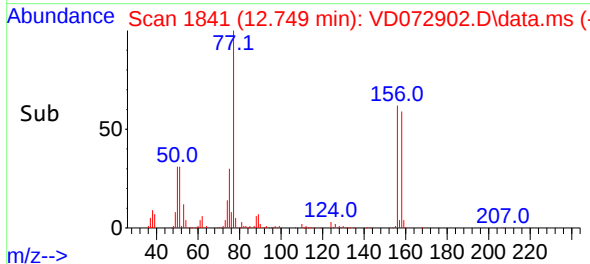
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



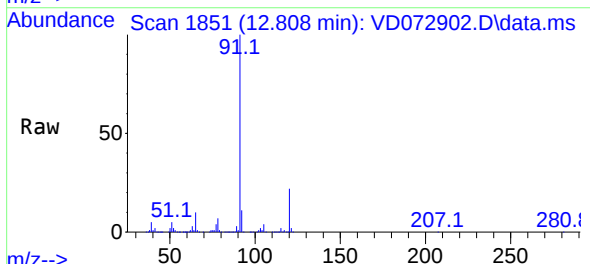
Tgt Ion:156 Resp: 245510
Ion Ratio Lower Upper
156 100
77 198.8 102.8 308.3
158 96.4 48.7 146.1

Manual Integrations
APPROVED

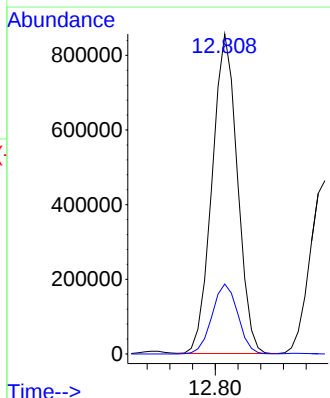
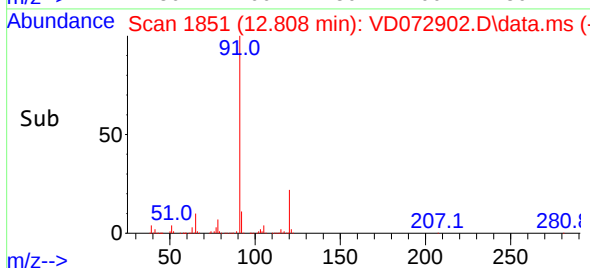
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

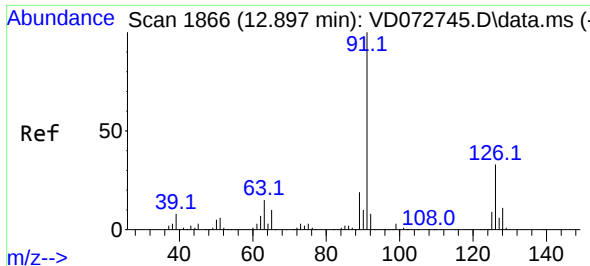


#78
n-propylbenzene
Concen: 54.989 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



Tgt Ion: 91 Resp: 1324483
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9





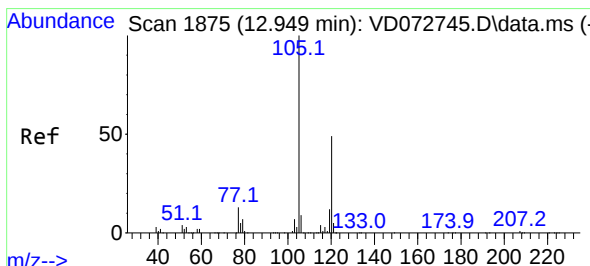
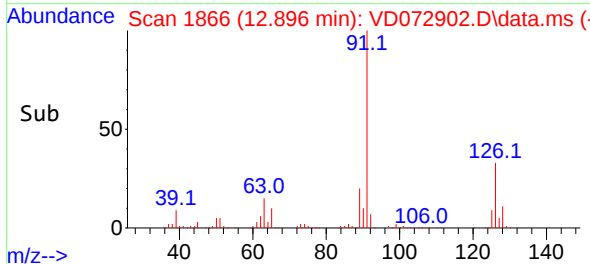
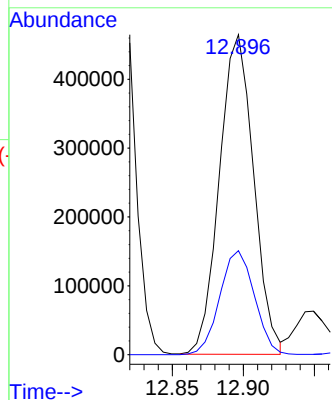
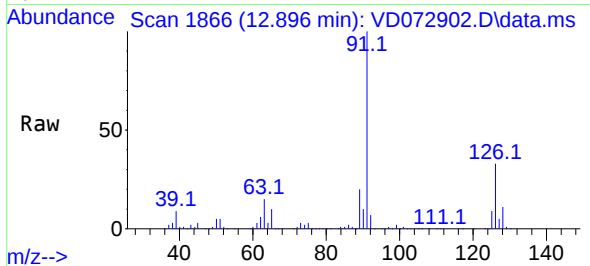
#79
2-Chlorotoluene
Concen: 55.373 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 779090
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6

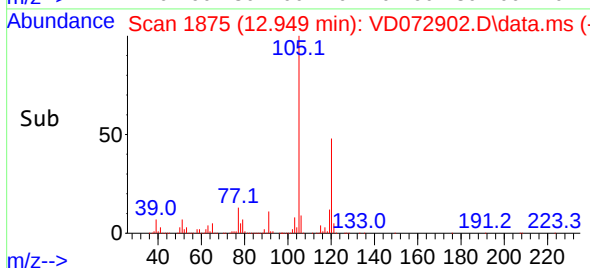
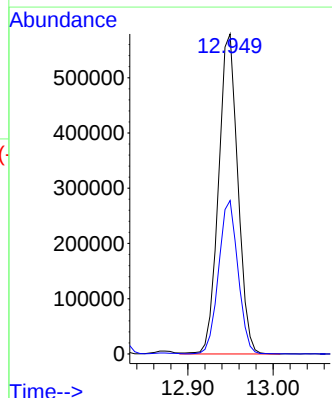
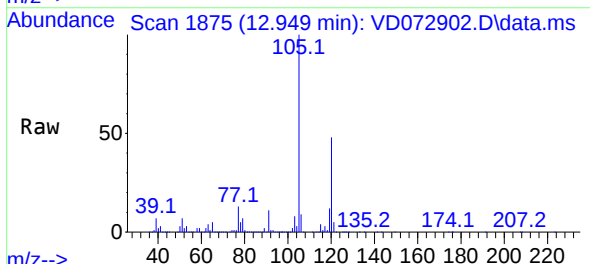
Manual Integrations
APPROVED

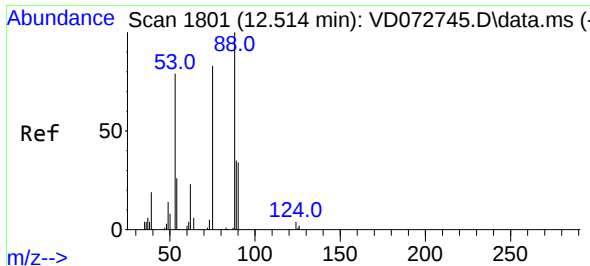
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#80
1,3,5-Trimethylbenzene
Concen: 56.196 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

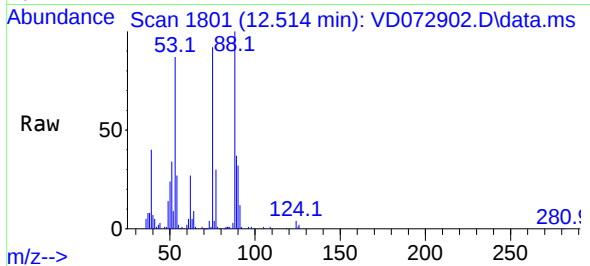
Tgt Ion:105 Resp: 910647
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 52.485 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

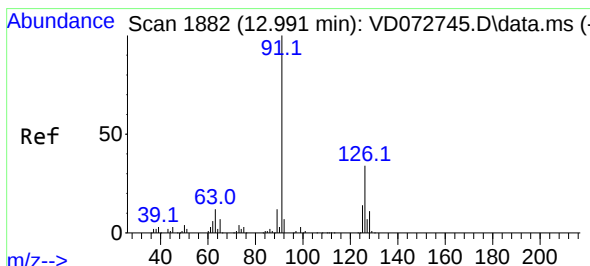
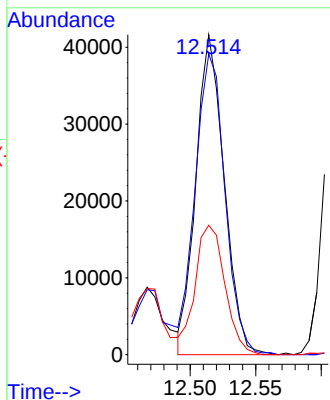
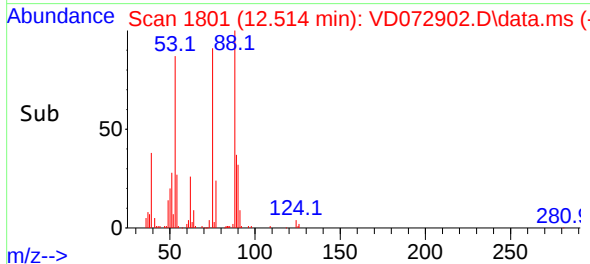
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



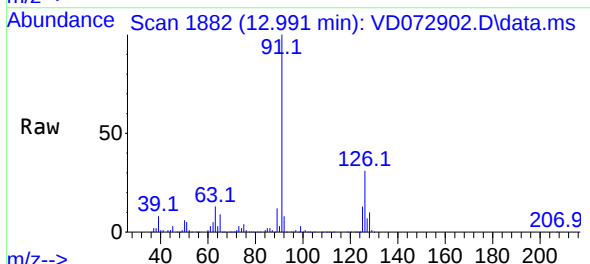
Tgt Ion: 75 Resp: 6251
Ion Ratio Lower Upper
75 100
53 98.8 86.5 129.7
89 43.9 33.9 50.9

Manual Integrations
APPROVED

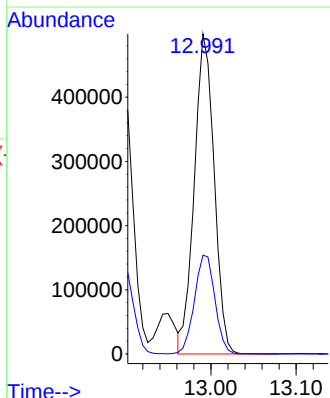
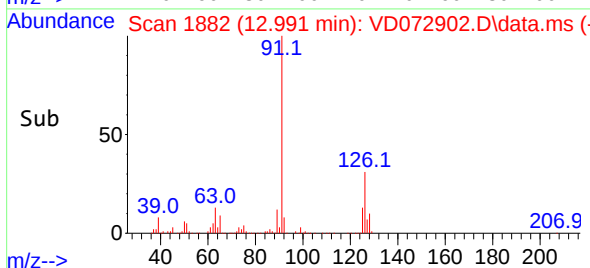
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#82
4-Chlorotoluene
Concen: 54.845 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



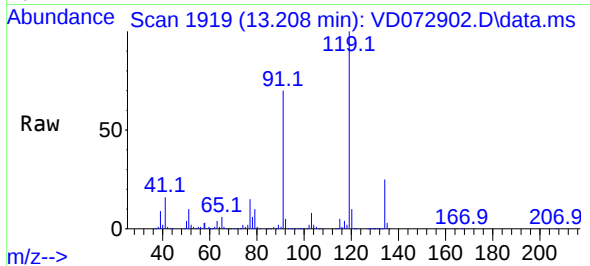
Tgt Ion: 91 Resp: 806279
Ion Ratio Lower Upper
91 100
126 31.9 16.5 49.5





#83
tert-Butylbenzene
Concen: 55.963 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

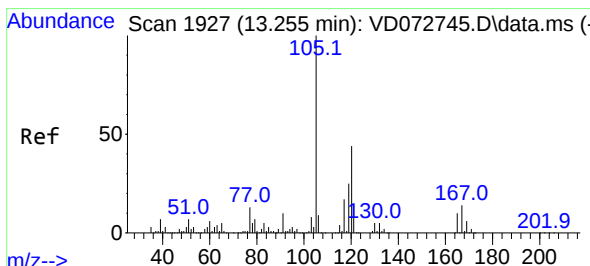
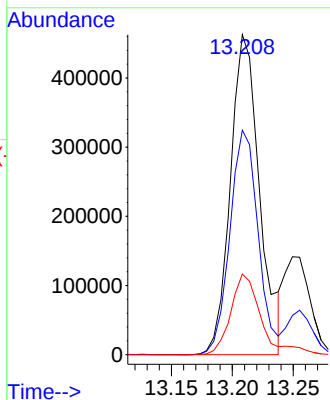
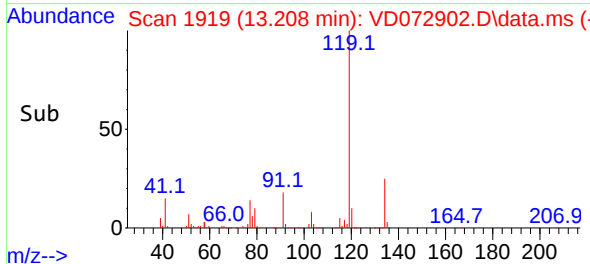
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



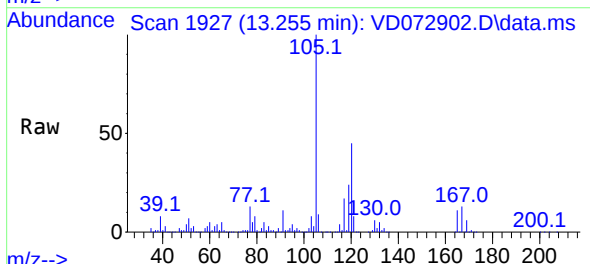
Tgt Ion:119 Resp: 770992
Ion Ratio Lower Upper
119 100
91 68.0 34.8 104.5
134 26.2 13.3 39.9

Manual Integrations
APPROVED

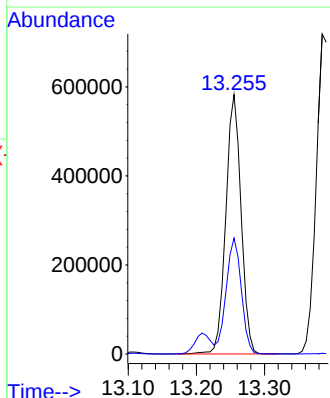
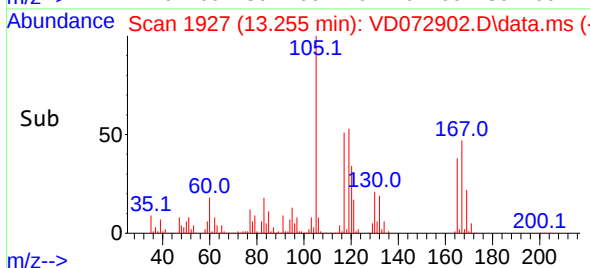
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

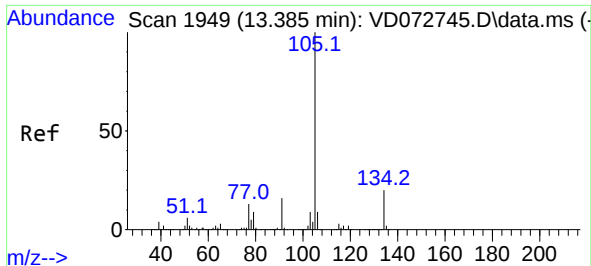


#84
1,2,4-Trimethylbenzene
Concen: 56.001 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



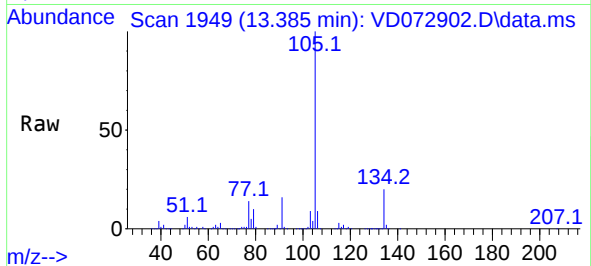
Tgt Ion:105 Resp: 907092
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 55.177 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD072902.D
 Acq: 09 May 2022 20:41

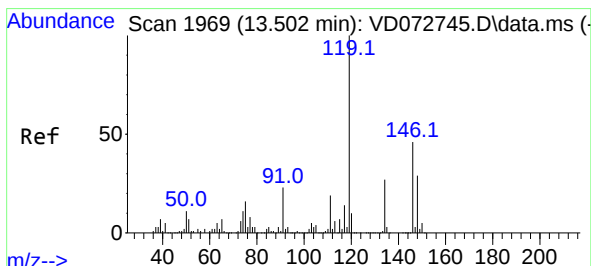
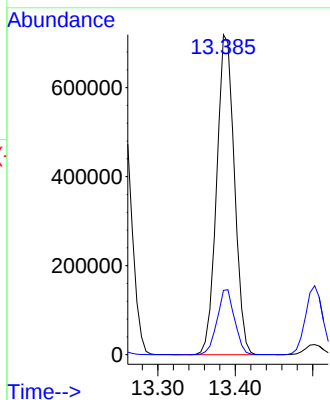
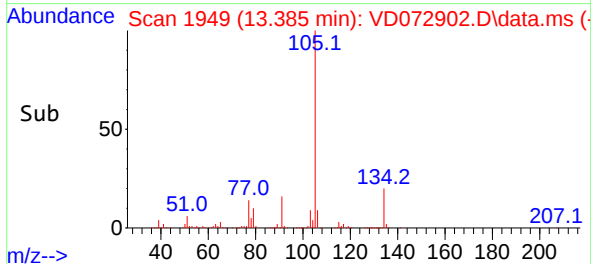
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



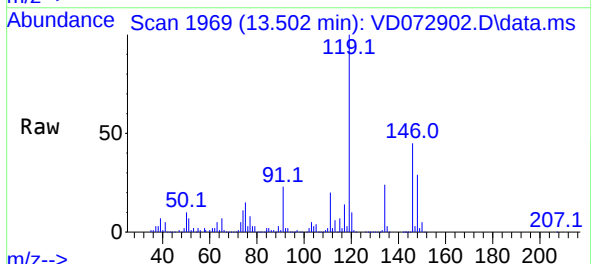
Tgt Ion:105 Resp: 114652
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

Manual Integrations
 APPROVED

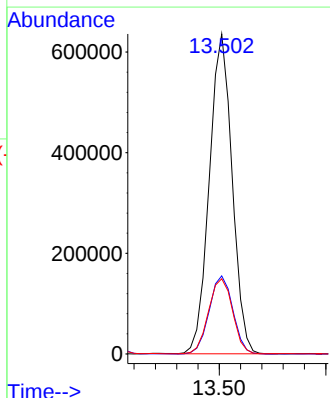
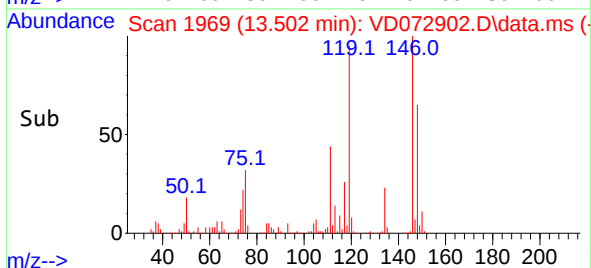
Reviewed By :John Carlone 05/10/2022
 Supervised By :Mahesh Dadoda 05/10/2022

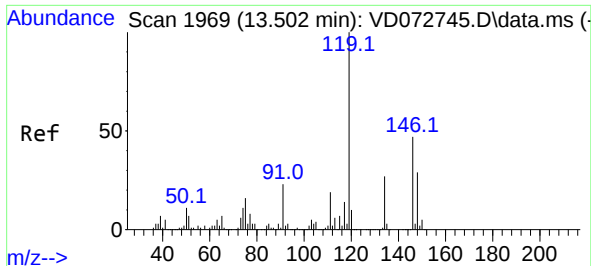


#86
 p-Isopropyltoluene
 Concen: 55.415 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072902.D
 Acq: 09 May 2022 20:41



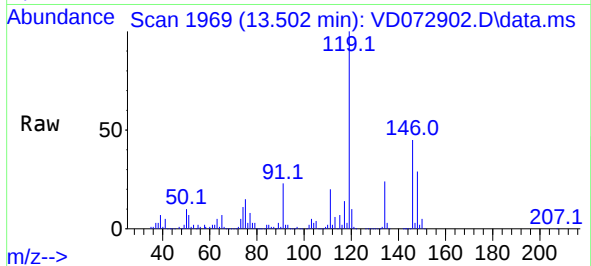
Tgt Ion:119 Resp: 944070
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.6
 91 24.7 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 52.271 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

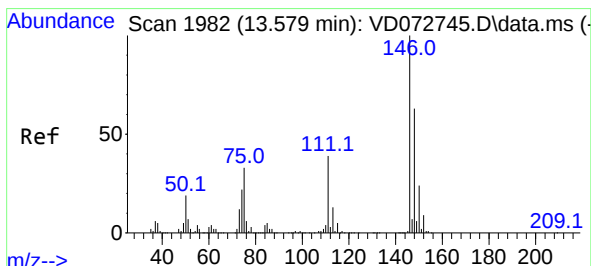
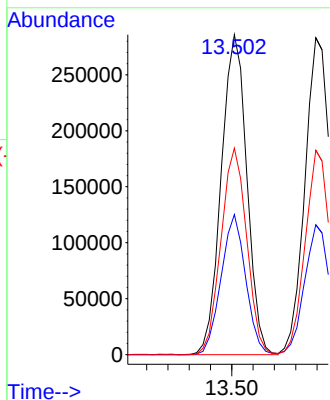
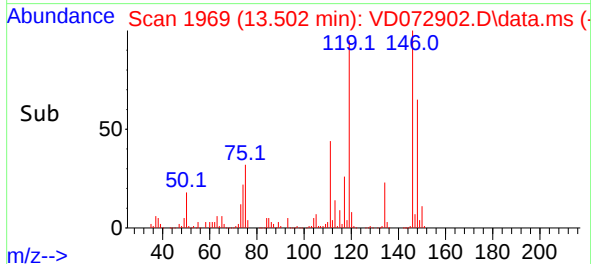
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



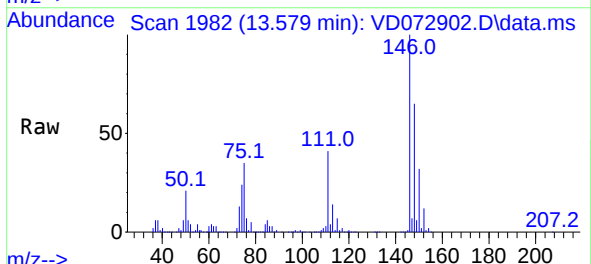
Tgt Ion:146 Resp: 477860
Ion Ratio Lower Upper
146 100
111 42.2 20.4 61.3
148 64.6 31.9 95.7

Manual Integrations
APPROVED

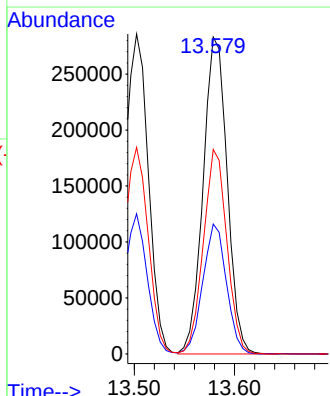
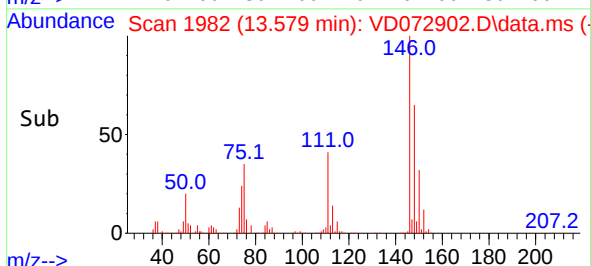
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

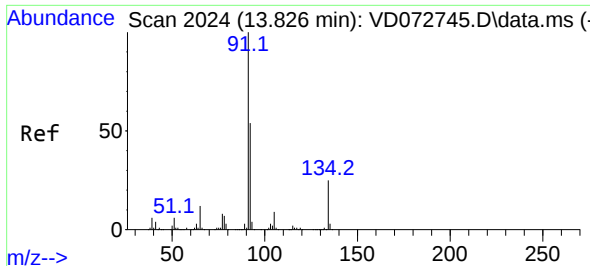


#88
1,4-Dichlorobenzene
Concen: 51.964 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



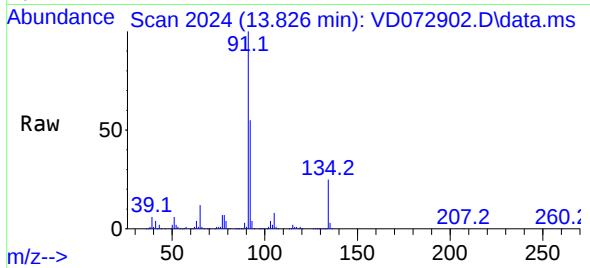
Tgt Ion:146 Resp: 473079
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 63.0 31.7 95.1





#89
n-Butylbenzene
Concen: 54.090 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

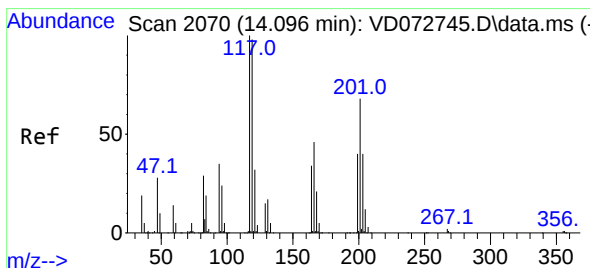
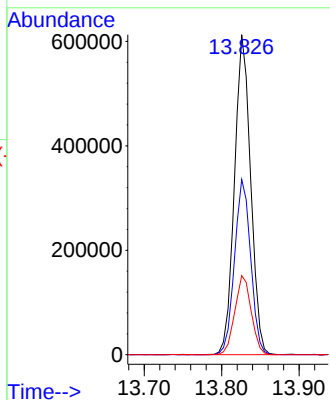
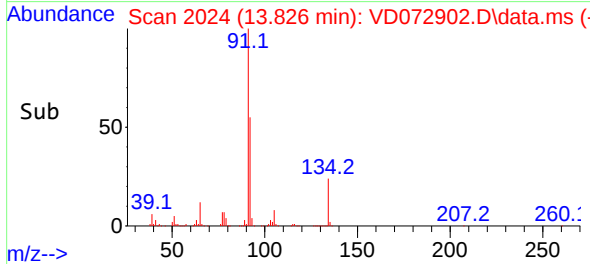
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 89265
Ion Ratio Lower Upper
91 100
92 54.7 26.6 79.8
134 25.1 12.3 36.9

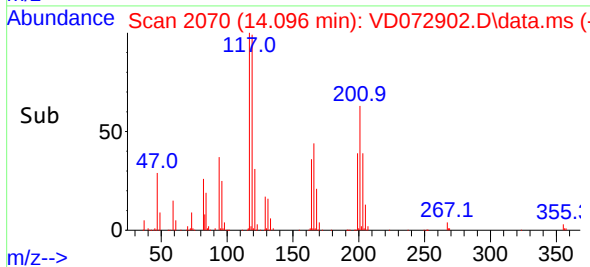
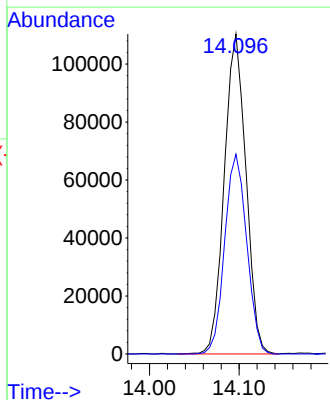
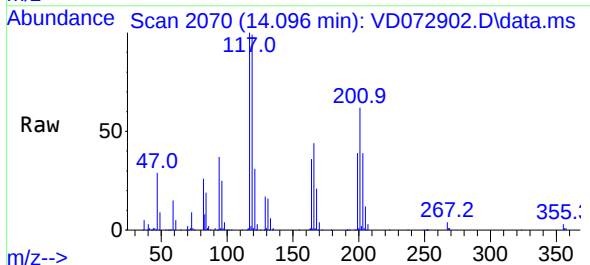
Manual Integrations
APPROVED

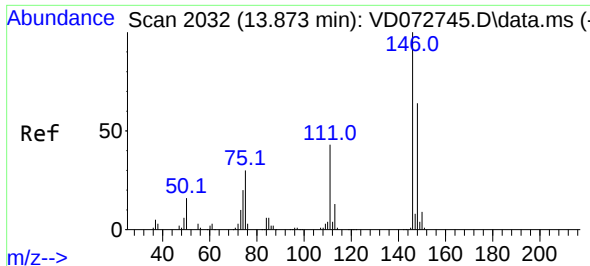
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#90
Hexachloroethane
Concen: 53.051 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

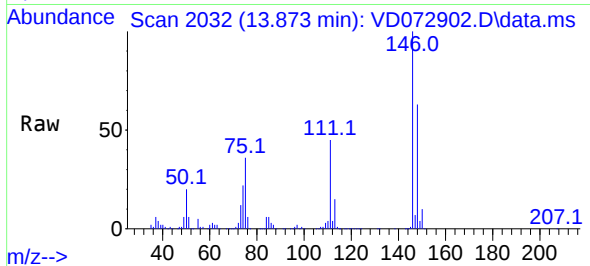
Tgt Ion:117 Resp: 185151
Ion Ratio Lower Upper
117 100
201 63.4 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 52.465 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

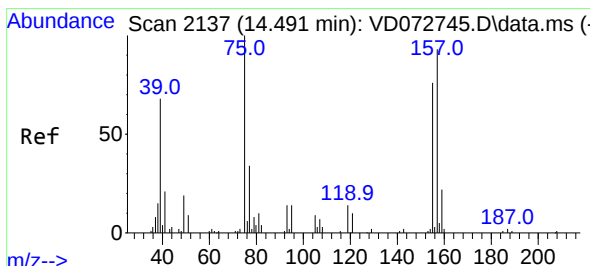
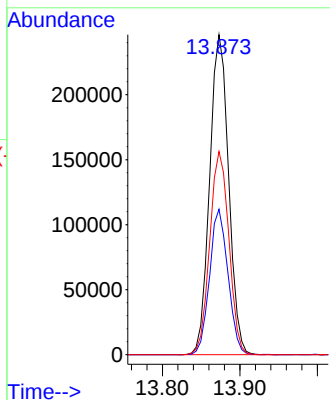
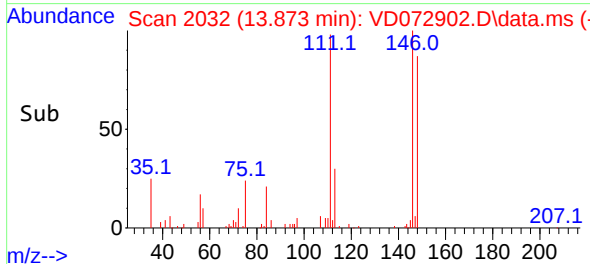
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



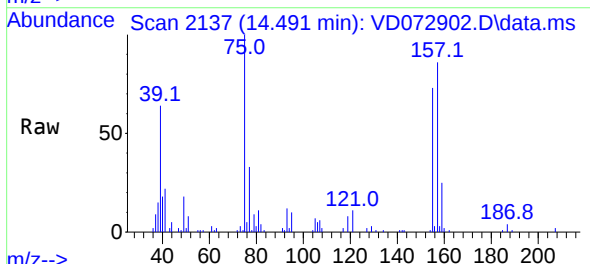
Tgt Ion:146 Resp: 418010
Ion Ratio Lower Upper
146 100
111 44.2 21.1 63.3
148 64.1 31.7 95.1

Manual Integrations
APPROVED

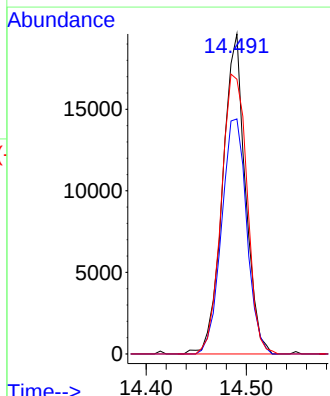
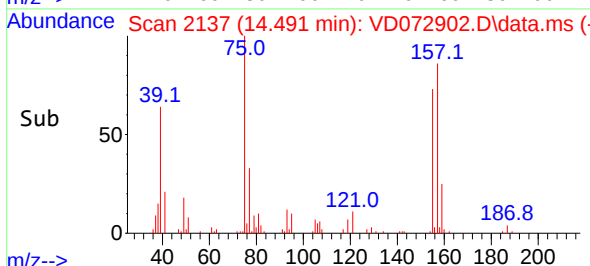
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

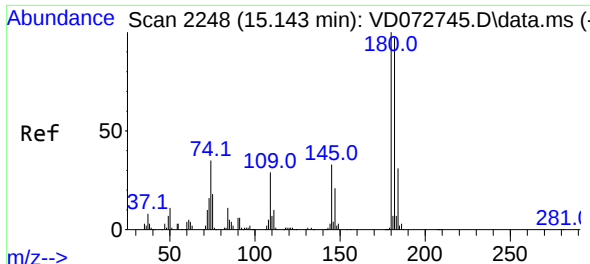


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.383 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



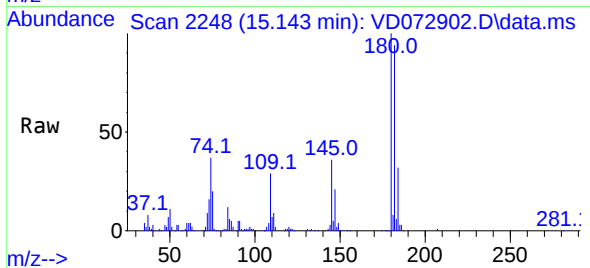
Tgt Ion: 75 Resp: 30811
Ion Ratio Lower Upper
75 100
155 81.1 36.8 110.3
157 98.7 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 52.723 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

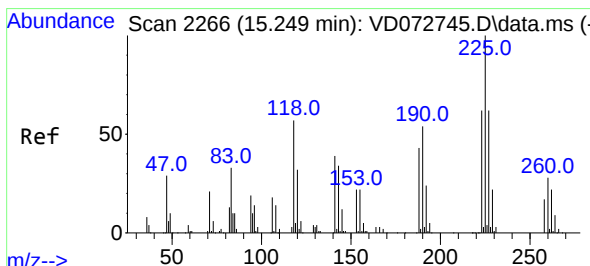
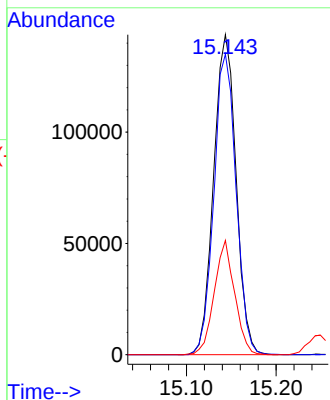
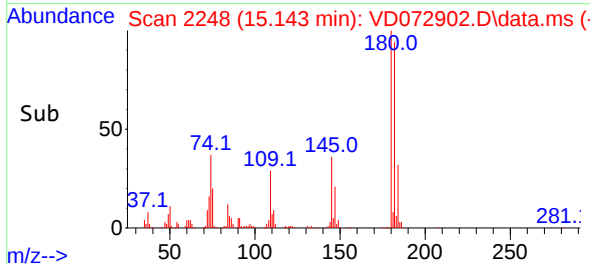
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



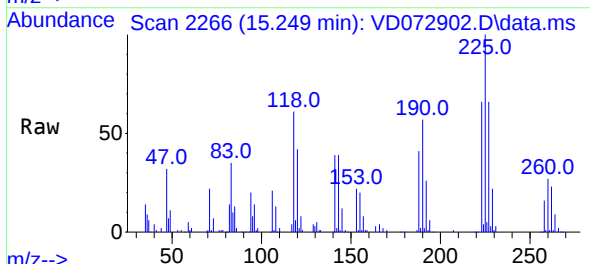
Tgt Ion:180 Resp: 248776
Ion Ratio Lower Upper
180 100
182 93.3 47.3 142.0
145 32.6 16.2 48.5

Manual Integrations
APPROVED

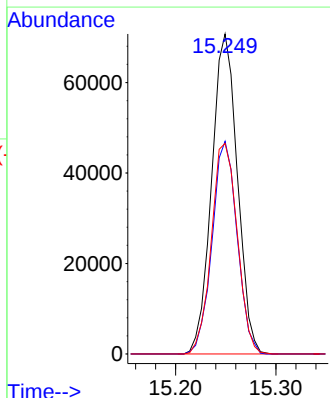
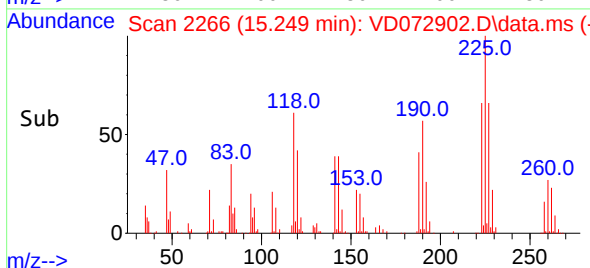
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

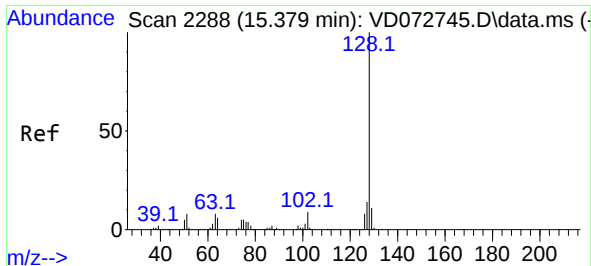


#94
Hexachlorobutadiene
Concen: 48.777 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



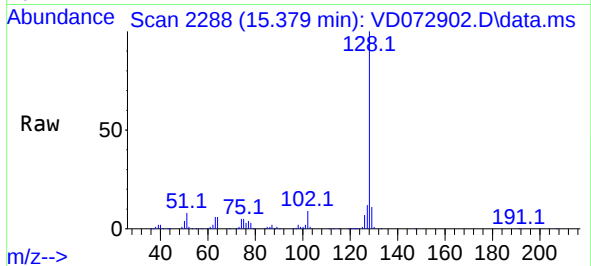
Tgt Ion:225 Resp: 125697
Ion Ratio Lower Upper
225 100
223 64.7 31.1 93.2
227 66.3 32.4 97.0





#95
Naphthalene
Concen: 56.765 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41

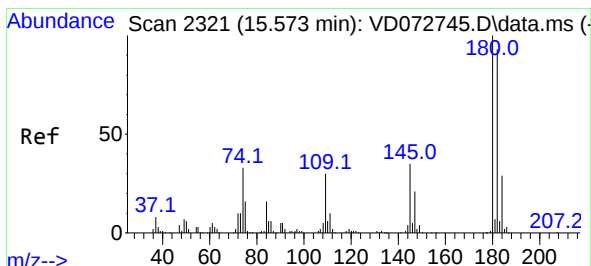
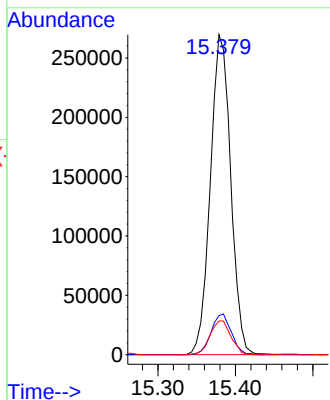
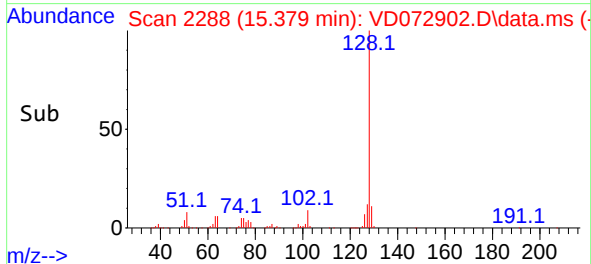
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



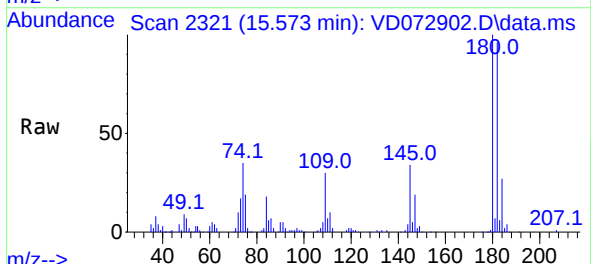
Tgt Ion:128 Resp: 492463
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.819 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD072902.D
Acq: 09 May 2022 20:41



Tgt Ion:180 Resp: 220932
Ion Ratio Lower Upper
180 100
182 93.7 47.6 142.9
145 33.8 17.1 51.3

