

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072984.D
 Acq On : 13 May 2022 09:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 09:42:39 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	282448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	484584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	468139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	230321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166367	45.376	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.760%			
35) Dibromofluoromethane	7.909	113	174281	51.210	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.420%			
50) Toluene-d8	10.332	98	619844	50.774	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.620	95	231855	50.935	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	137271	35.170	ug/l	97
3) Chloromethane	2.209	50	147462	36.329	ug/l	95
4) Vinyl Chloride	2.350	62	138011	37.892	ug/l	95
5) Bromomethane	2.768	94	102237	45.495	ug/l	95
6) Chloroethane	2.921	64	91053	40.111	ug/l	90
7) Trichlorofluoromethane	3.273	101	254499	39.903	ug/l	98
8) Diethyl Ether	3.709	74	76172	41.659	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	148325	39.172	ug/l	97
10) Methyl Iodide	4.303	142	156319	41.137	ug/l	99
11) Tert butyl alcohol	5.203	59	74285	234.175	ug/l #	91
12) 1,1-Dichloroethene	4.068	96	142166	41.742	ug/l	92
13) Acrolein	3.915	56	13286	46.585	ug/l	96
14) Allyl chloride	4.709	41	236986	43.099	ug/l	90
15) Acrylonitrile	5.415	53	175804	202.311	ug/l	97
16) Acetone	4.156	43	127516	182.027	ug/l	90
17) Carbon Disulfide	4.409	76	417942	39.028	ug/l	97
18) Methyl Acetate	4.720	43	101128	50.692	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	354469	43.415	ug/l	98
20) Methylene Chloride	4.962	84	207403	46.904	ug/l	85
21) trans-1,2-Dichloroethene	5.473	96	177914	45.549	ug/l	91
22) Diisopropyl ether	6.362	45	537733	44.456	ug/l	92
23) Vinyl Acetate	6.303	43	1321280	197.740	ug/l	95
24) 1,1-Dichloroethane	6.262	63	322863	44.427	ug/l	99
25) 2-Butanone	7.209	43	204732	191.648	ug/l	98
26) 2,2-Dichloropropane	7.203	77	232925	37.913	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	201949	45.142	ug/l	90
28) Bromochloromethane	7.544	49	132599	48.929	ug/l #	81
29) Tetrahydrofuran	7.562	42	137132	201.392	ug/l	93
30) Chloroform	7.709	83	347975	45.253	ug/l	99
31) Cyclohexane	7.979	56	235462	36.738	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	290688	44.356	ug/l	97
36) 1,1-Dichloropropene	8.109	75	240771	43.509	ug/l	97
37) Ethyl Acetate	7.291	43	95122	37.392	ug/l #	97
38) Carbon Tetrachloride	8.091	117	252931	44.031	ug/l	97
39) Methylcyclohexane	9.350	83	246666	38.428	ug/l	96
40) Benzene	8.350	78	719005	44.992	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	55937	36.928	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	204439	42.452	ug/l	96
43) Isopropyl Acetate	8.450	43	184728	39.343	ug/l #	91
44) Trichloroethene	9.108	130	190644	44.591	ug/l	93
45) 1,2-Dichloropropane	9.379	63	184940	44.066	ug/l	97
46) Dibromomethane	9.467	93	100444	43.387	ug/l	99
47) Bromodichloromethane	9.656	83	267440	44.906	ug/l #	94
48) Methyl methacrylate	9.450	41	94064	40.950	ug/l #	86
49) 1,4-Dioxane	9.456	88	20169	773.655	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	496355	203.435	ug/l	94
52) Toluene	10.397	92	463977	46.543	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	226100	41.332	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	267246	42.050	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	139541	44.587	ug/l	98
56) Ethyl methacrylate	10.650	69	163062	44.252	ug/l	86
57) 1,3-Dichloropropane	10.938	76	233474	43.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	432545	242.109	ug/l	95
59) 2-Hexanone	10.973	43	334092	203.497	ug/l	96
60) Dibromochloromethane	11.132	129	176055	44.687	ug/l	99
61) 1,2-Dibromoethane	11.238	107	133719	43.897	ug/l	99
64) Tetrachloroethene	10.867	164	150648	44.015	ug/l	98
65) Chlorobenzene	11.661	112	489865	45.242	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	193313	47.506	ug/l	99
67) Ethyl Benzene	11.738	91	899412	47.997	ug/l	98
68) m/p-Xylenes	11.844	106	693327	96.052	ug/l	98
69) o-Xylene	12.173	106	325108	48.226	ug/l	95
70) Styrene	12.185	104	571347	48.917	ug/l	97
71) Bromoform	12.349	173	97852	44.370	ug/l #	99
73) Isopropylbenzene	12.467	105	851043	47.492	ug/l	99
74) N-amyl acetate	12.279	43	171759	38.489	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	155482	42.983	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	107024m	41.672	ug/l	
77) Bromobenzene	12.749	156	196564	46.193	ug/l	93
78) n-propylbenzene	12.808	91	1059408	46.908	ug/l	99
79) 2-Chlorotoluene	12.897	91	618435	46.876	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	724435	47.677	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	42959	38.465	ug/l	91
82) 4-Chlorotoluene	12.991	91	636484	46.174	ug/l	98
83) tert-Butylbenzene	13.208	119	622875	48.217	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	728388	47.958	ug/l	99
85) sec-Butylbenzene	13.391	105	922986	47.373	ug/l	100
86) p-Isopropyltoluene	13.502	119	762641	47.742	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	400717	46.746	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	390926	45.794	ug/l	99
89) n-Butylbenzene	13.826	91	714120	46.148	ug/l	99
90) Hexachloroethane	14.096	117	157411	48.101	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	341272	45.681	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	22521	39.275	ug/l	86
93) 1,2,4-Trichlorobenzene	15.143	180	198503	44.865	ug/l	98
94) Hexachlorobutadiene	15.249	225	103648	42.895	ug/l	98
95) Naphthalene	15.385	128	361022	44.381	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	177124	45.161	ug/l	99

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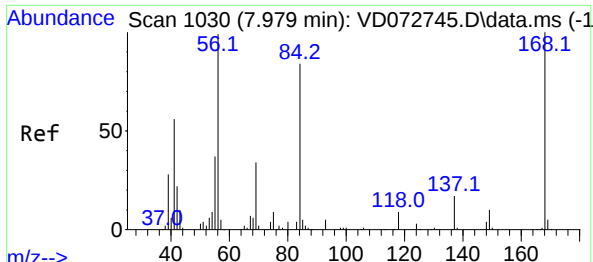
Manual Integrations
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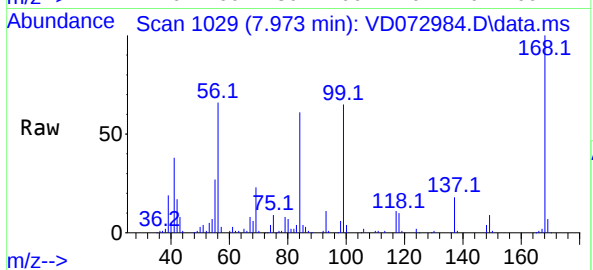
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

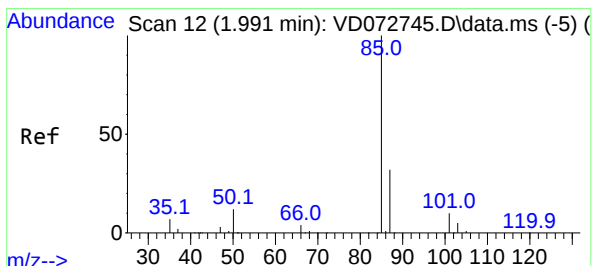
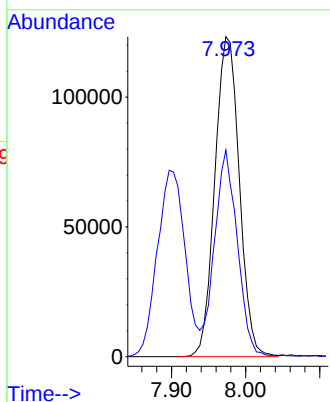
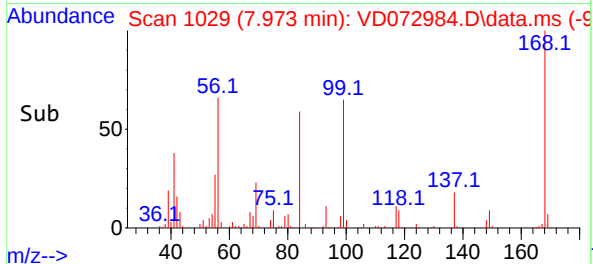
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



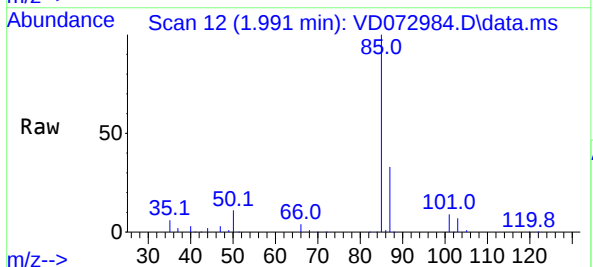
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Ion Ratio Lower Upper
168 100
99 64.2 49.8 74.6

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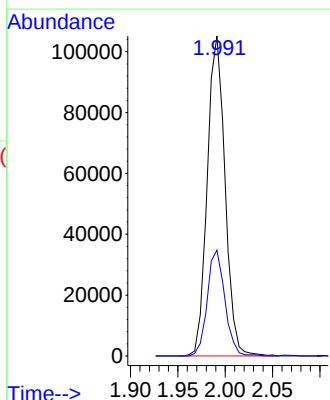
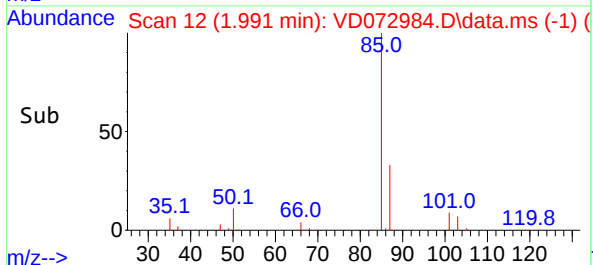
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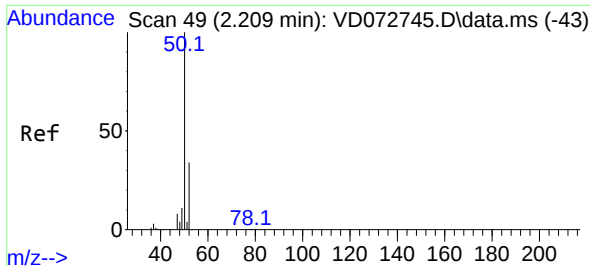


#2
Dichlorodifluoromethane
Concen: 35.170 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



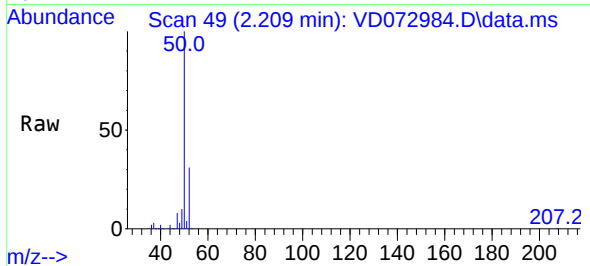
Tgt Ion: 85 Resp: 137271
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0





#3
Chloromethane
Concen: 36.329 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

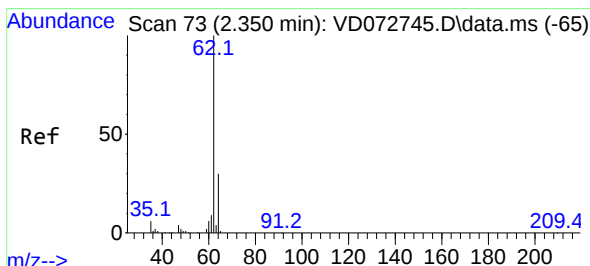
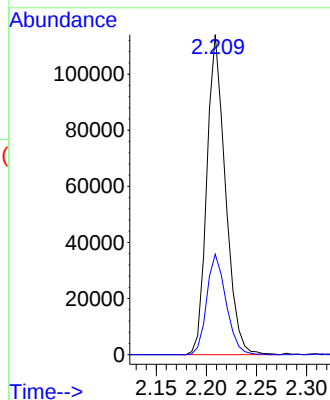
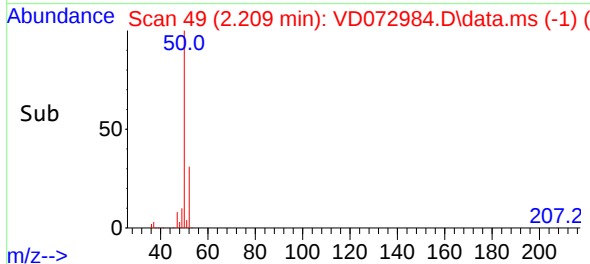
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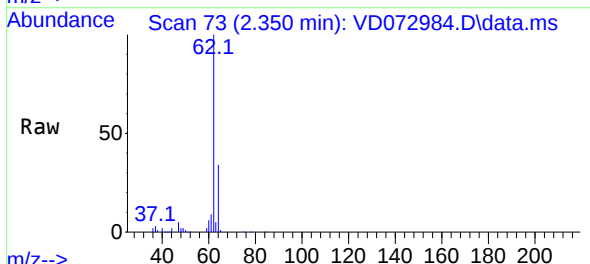
Tgt Ion: 50 Resp: 147462
Ion Ratio Lower Upper
50 100
52 31.4 27.4 41.0

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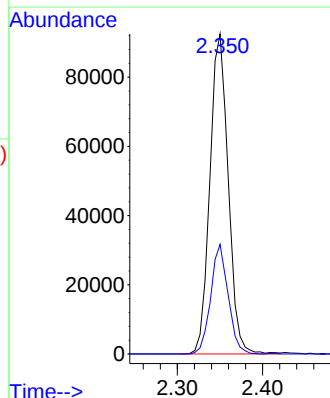
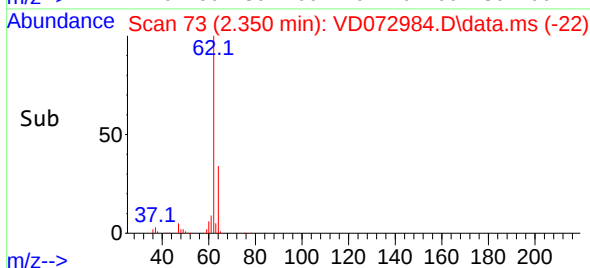
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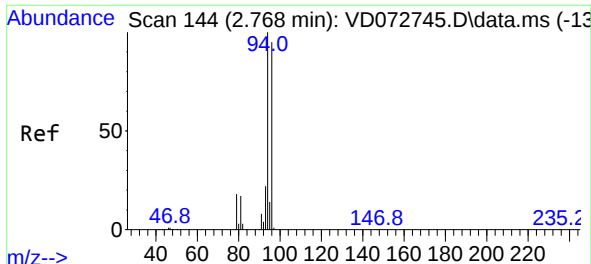


#4
Vinyl Chloride
Concen: 37.892 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



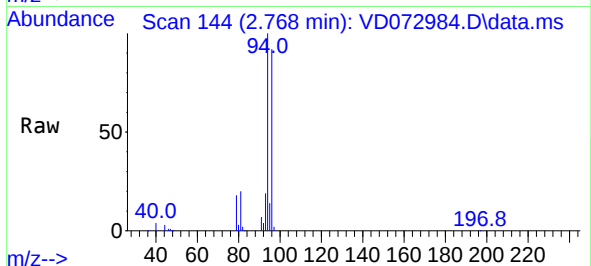
Tgt Ion: 62 Resp: 138011
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.0





#5
Bromomethane
Concen: 45.495 ug/l
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

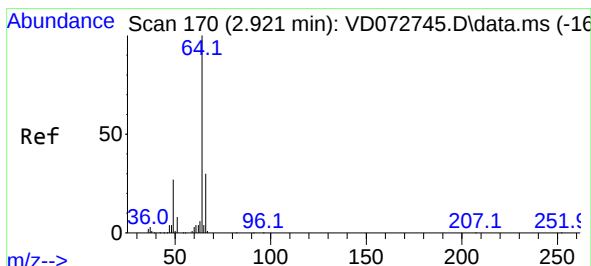
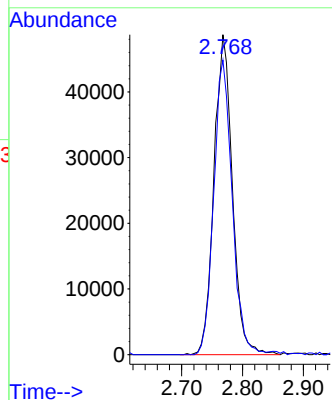
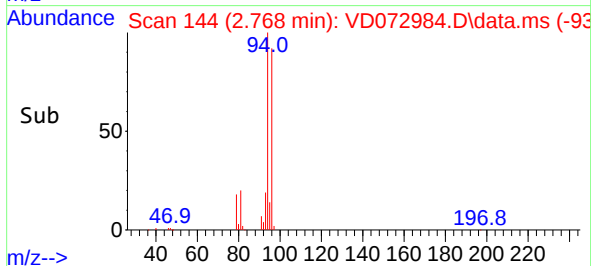
Instrument :
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Tgt Ion: 94 Resp: 10223
Ion Ratio Lower Upper
94 100
96 92.1 77.6 116.4

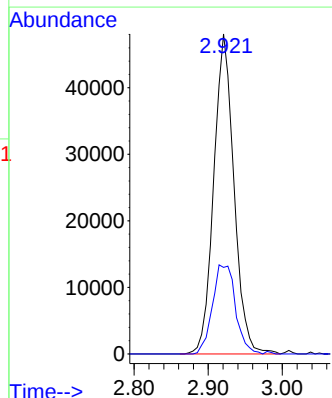
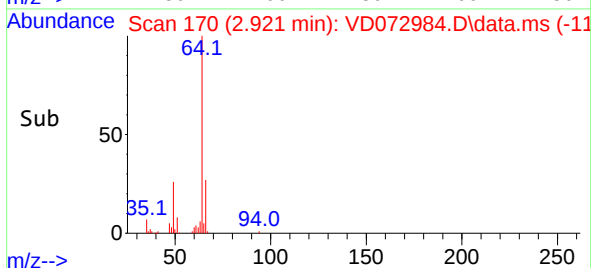
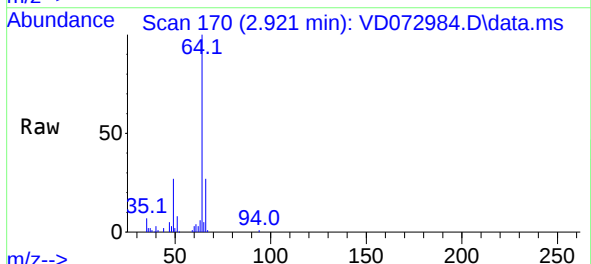
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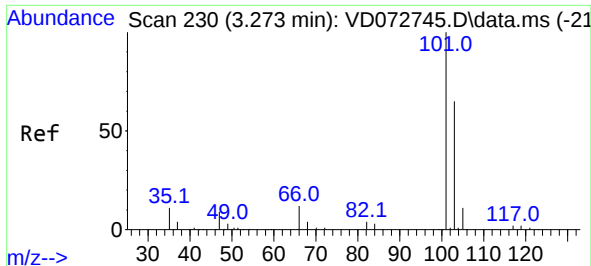
Reviewed By :John Carlone 05/13/2022
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#6
Chloroethane
Concen: 40.111 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD072984.D
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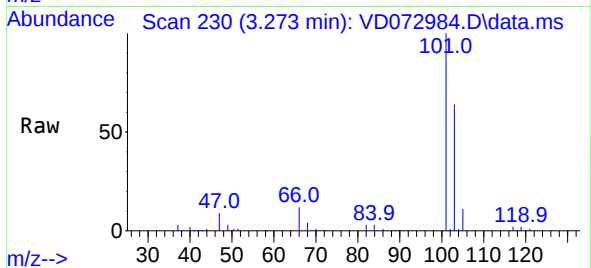
Tgt Ion: 64 Resp: 91053
Ion Ratio Lower Upper
64 100
66 27.1 25.9 38.9





#7
Trichlorofluoromethane
Concen: 39.903 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

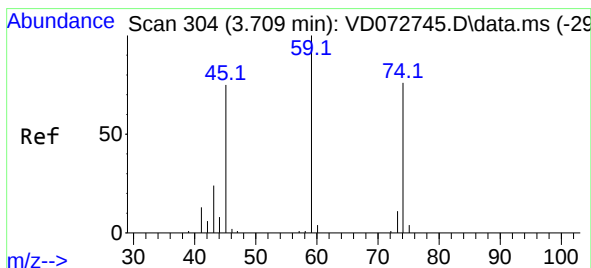
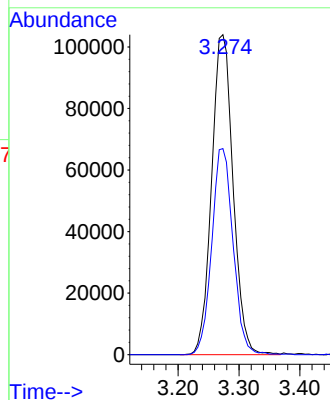
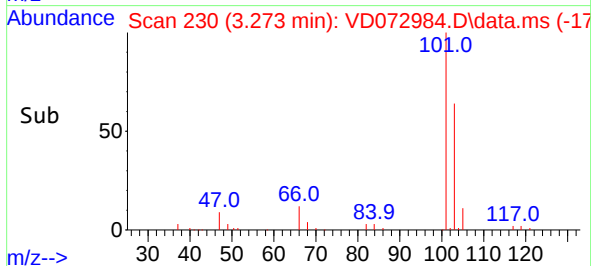
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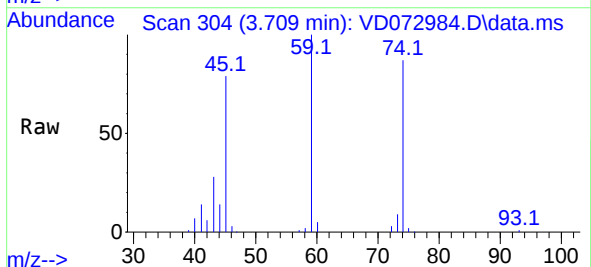
Tgt Ion:101 Resp: 254499
Ion Ratio Lower Upper
101 100
103 64.4 50.1 75.1

Manual Integrations
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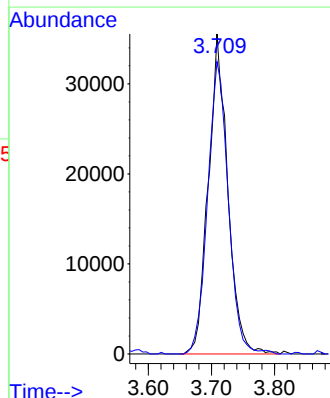
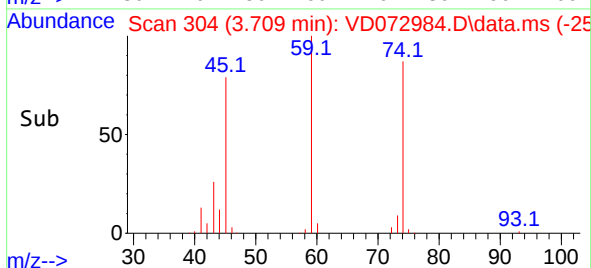
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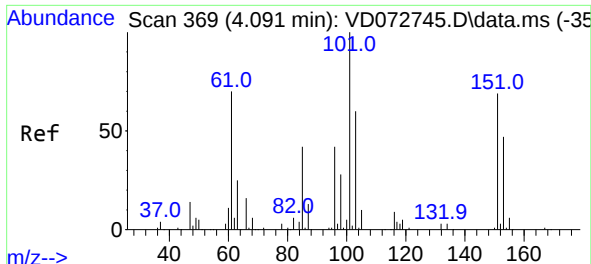


#8
Diethyl Ether
Concen: 41.659 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



Tgt Ion: 74 Resp: 76172
Ion Ratio Lower Upper
74 100
45 96.9 52.6 157.8





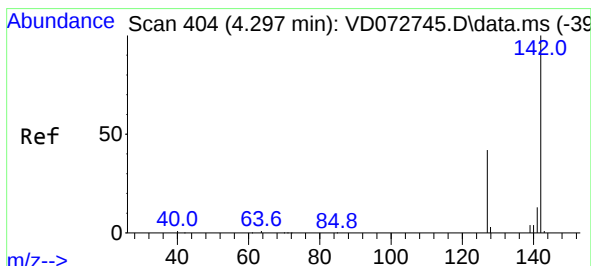
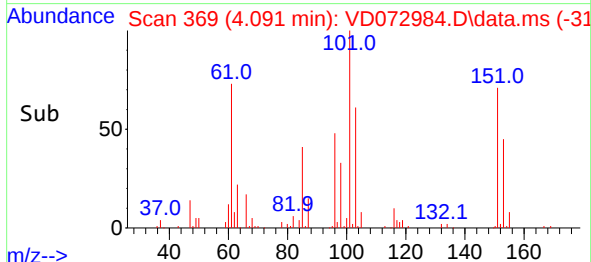
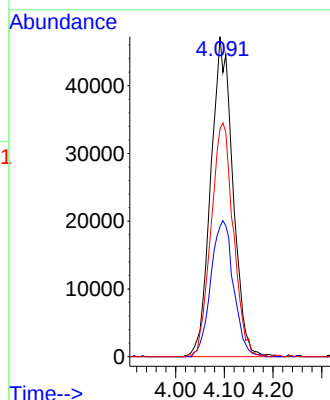
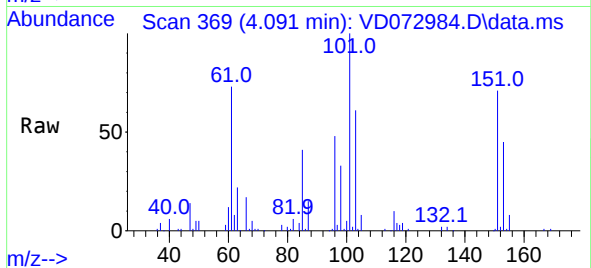
#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.172 ug/l
RT: 4.091 min Scan# 30
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 14832
Ion Ratio Lower Upper
101 100
85 43.8 36.4 54.6
151 74.0 57.3 85.9

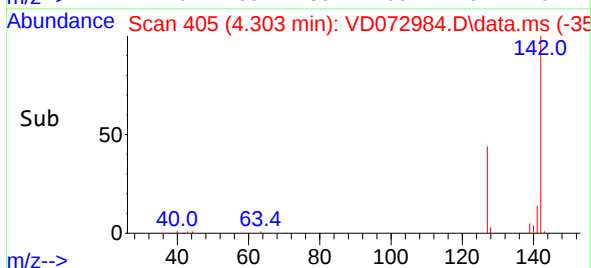
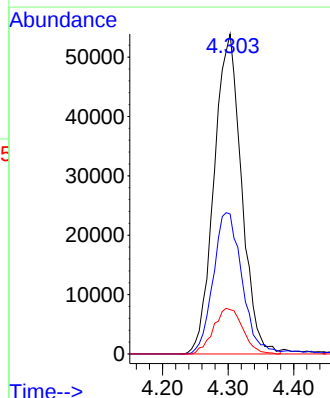
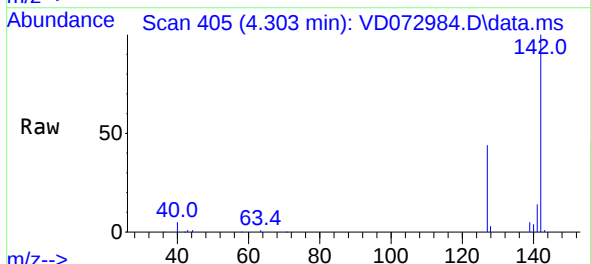
Manual Integrations
APPROVED

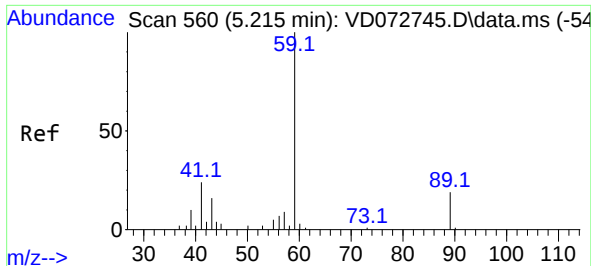
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 41.137 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

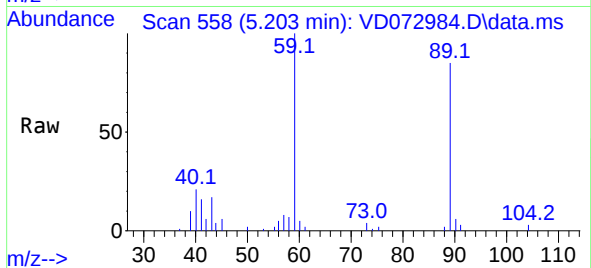
Tgt Ion:142 Resp: 156319
Ion Ratio Lower Upper
142 100
127 46.3 37.3 55.9
141 15.2 11.7 17.5





#11
Tert butyl alcohol
Concen: 234.175 ug/l
RT: 5.203 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

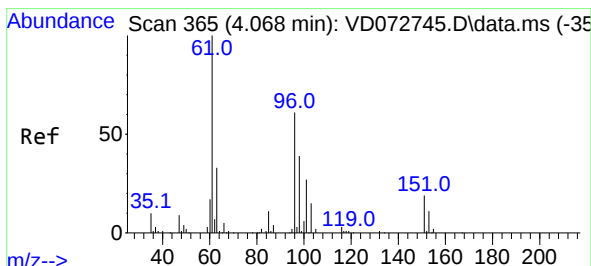
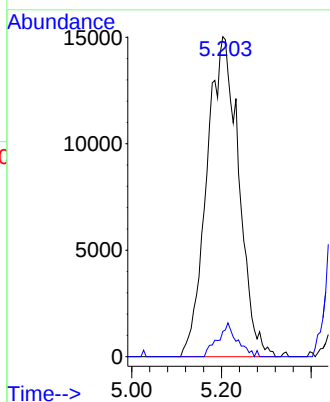
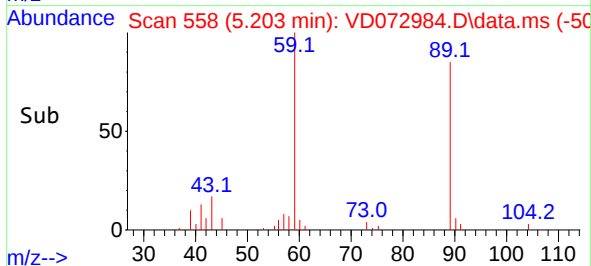
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



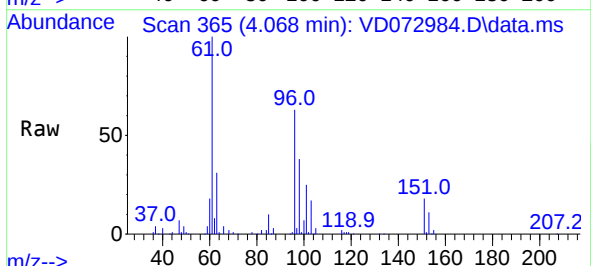
Tgt Ion: 59 Resp: 7428
Ion Ratio Lower Upper
59 100
57 6.5 7.8 11.6

Manual Integrations
APPROVED

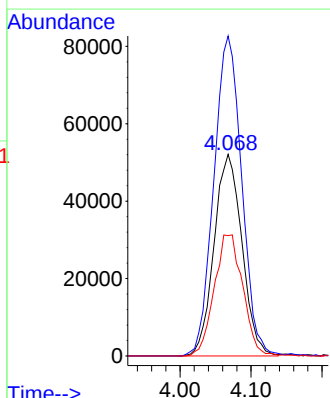
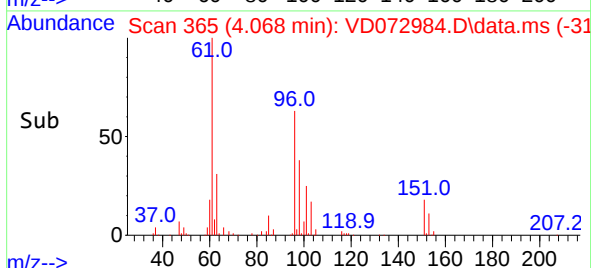
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

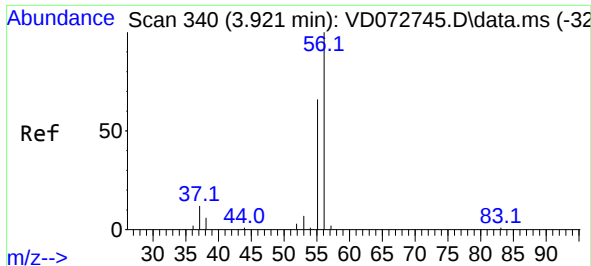


#12
1,1-Dichloroethene
Concen: 41.742 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



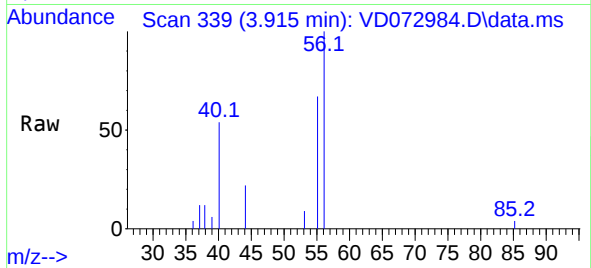
Tgt Ion: 96 Resp: 142166
Ion Ratio Lower Upper
96 100
61 158.7 138.5 207.7
98 59.7 48.6 73.0





#13
Acrolein
Concen: 46.585 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

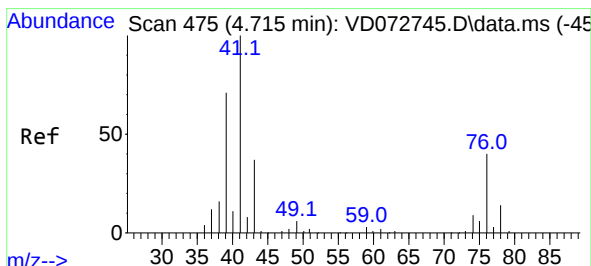
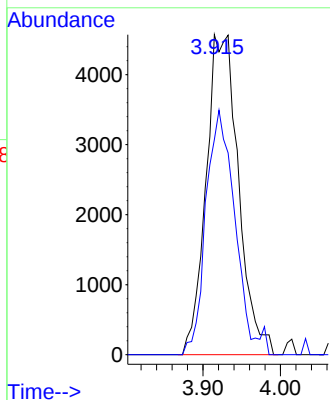
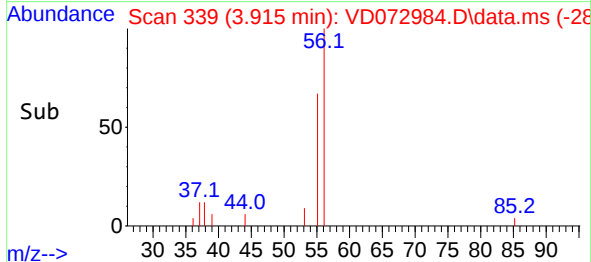
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



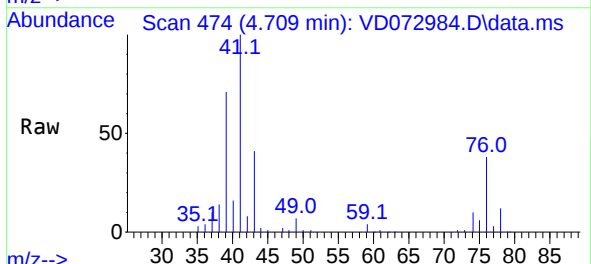
Tgt Ion: 56 Resp: 13280
Ion Ratio Lower Upper
56 100
55 67.7 57.1 85.7

Manual Integrations
APPROVED

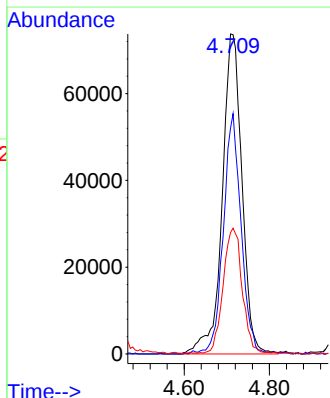
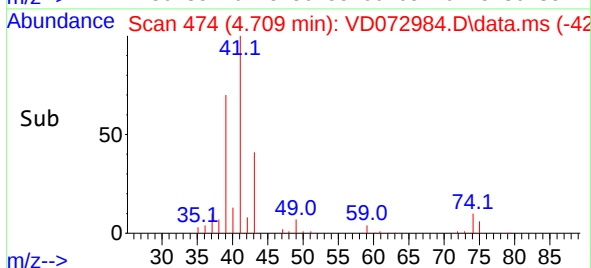
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

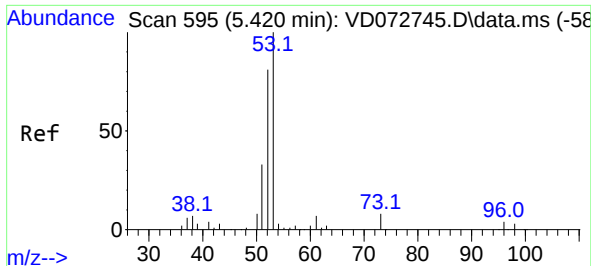


#14
Allyl chloride
Concen: 43.099 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



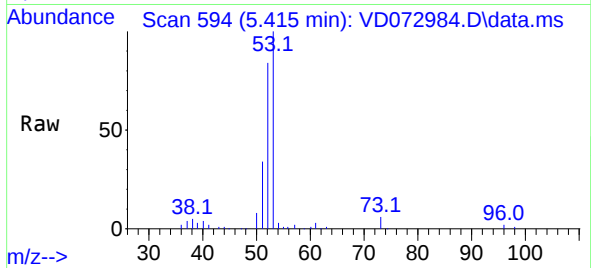
Tgt Ion: 41 Resp: 236986
Ion Ratio Lower Upper
41 100
39 65.8 59.3 88.9
76 37.3 25.7 38.5





#15
Acrylonitrile
Concen: 202.311 ug/l
RT: 5.415 min Scan# 595
Delta R.T. -0.005 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

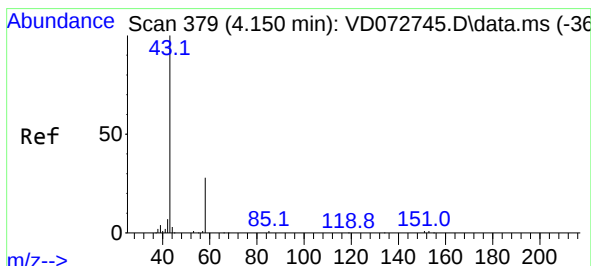
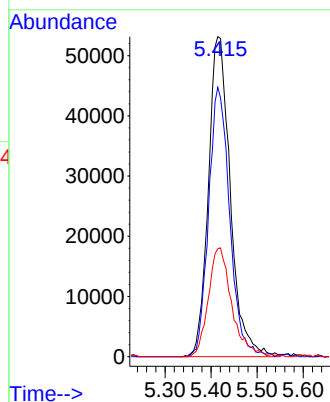
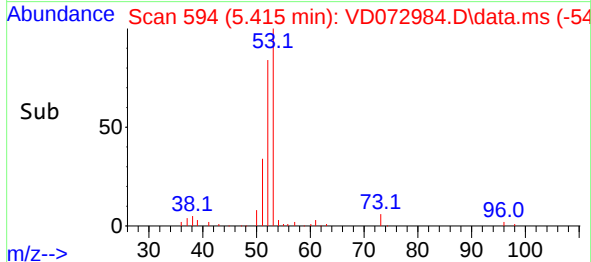
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



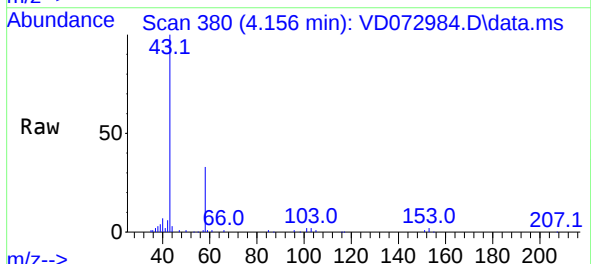
Tgt Ion: 53 Resp: 175804
Ion Ratio Lower Upper
53 100
52 81.1 67.2 100.8
51 36.3 30.3 45.5

Manual Integrations
APPROVED

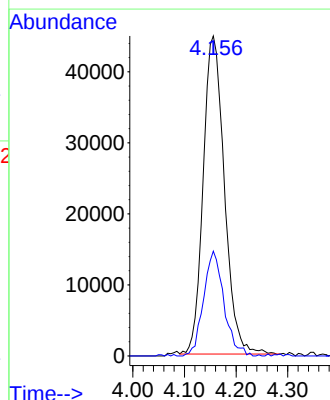
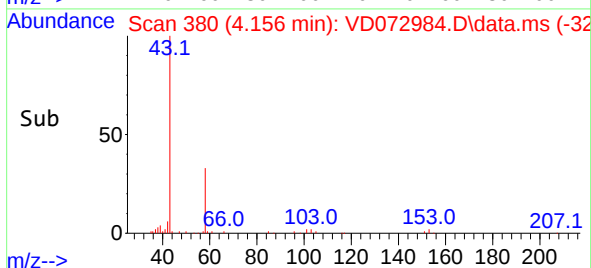
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

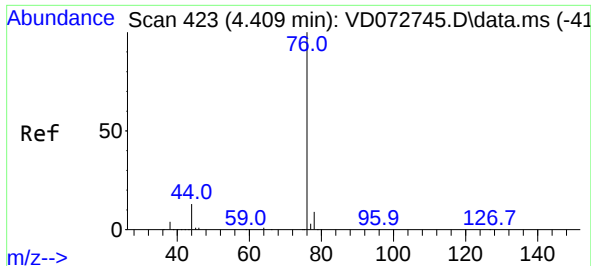


#16
Acetone
Concen: 182.027 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



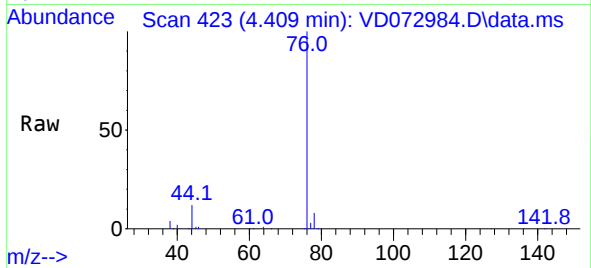
Tgt Ion: 43 Resp: 127516
Ion Ratio Lower Upper
43 100
58 33.0 22.1 33.1





#17
Carbon Disulfide
Concen: 39.028 ug/l
RT: 4.409 min Scan# 417
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

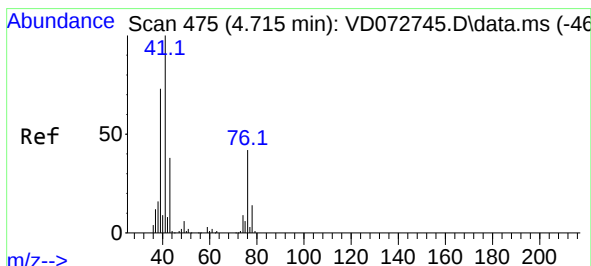
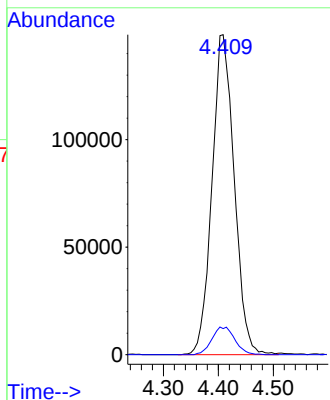
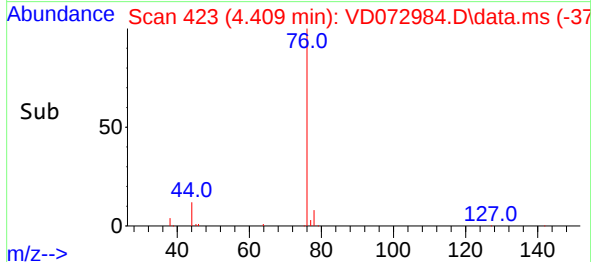
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



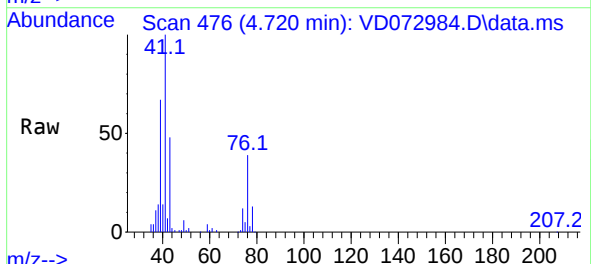
Tgt Ion: 76 Resp: 41794
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3

Manual Integrations
APPROVED

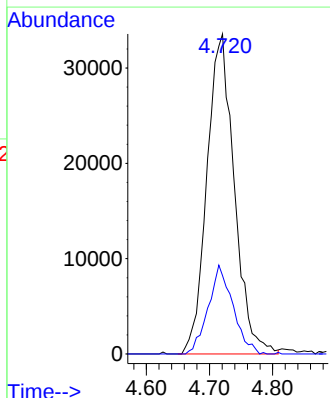
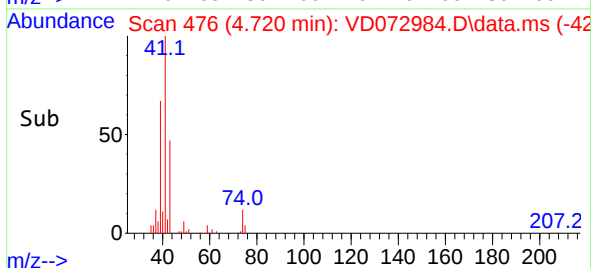
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

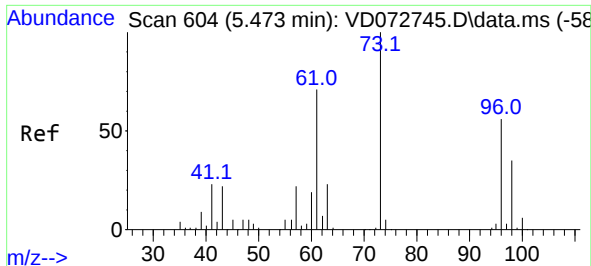


#18
Methyl Acetate
Concen: 50.692 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



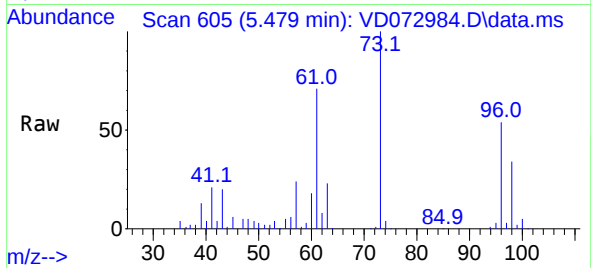
Tgt Ion: 43 Resp: 101128
Ion Ratio Lower Upper
43 100
74 25.1 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 43.415 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

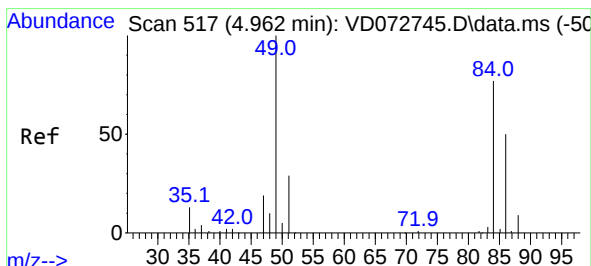
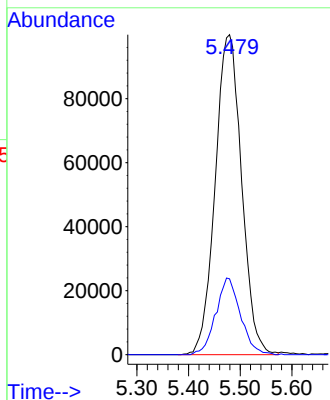
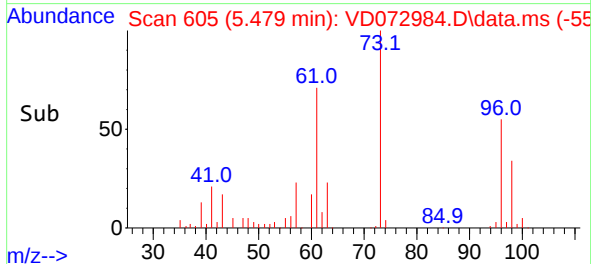
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 354469
Ion Ratio Lower Upper
73 100
57 23.7 18.0 27.0

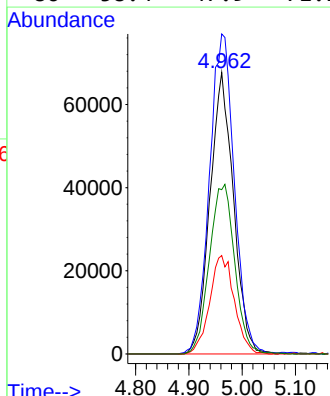
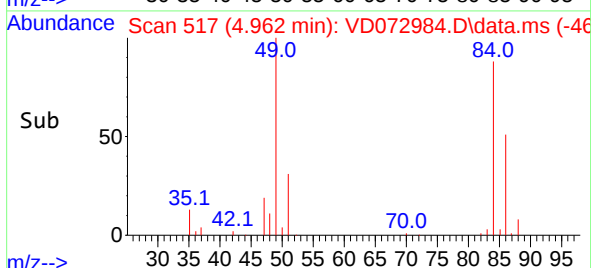
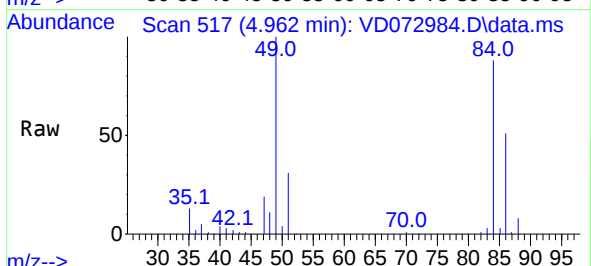
Manual Integrations
APPROVED

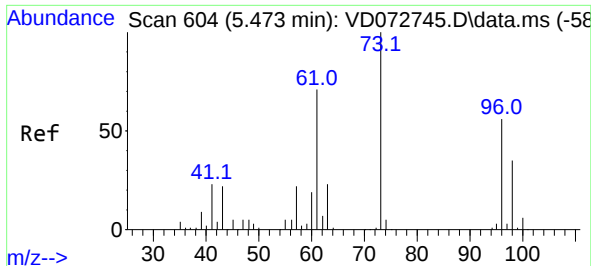
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 46.904 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

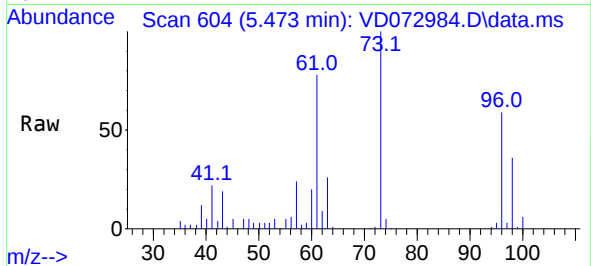
Tgt Ion: 84 Resp: 207403
Ion Ratio Lower Upper
84 100
49 113.7 112.8 169.2
51 34.9 32.6 48.8
86 58.4 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 45.549 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

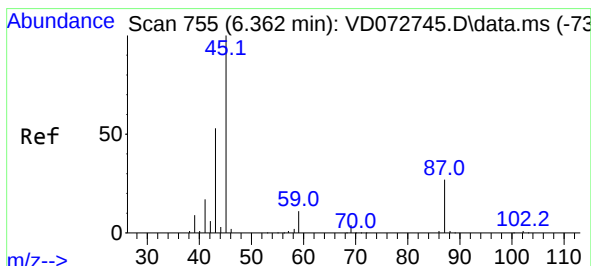
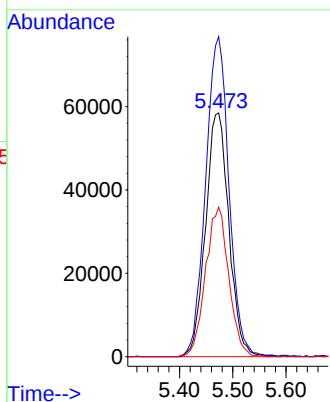
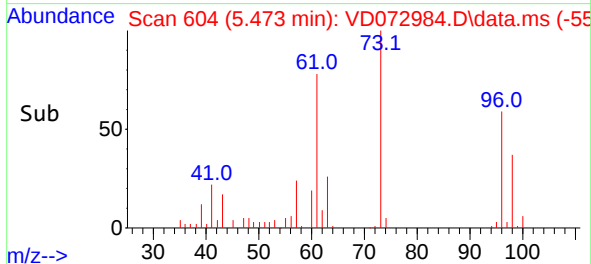
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



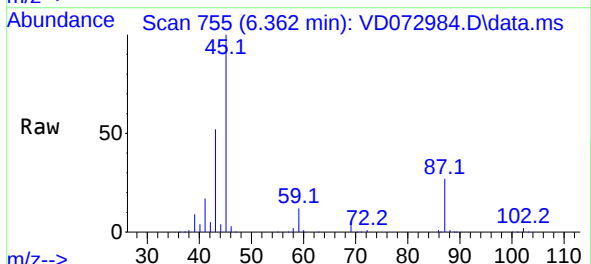
Tgt Ion: 96 Resp: 177914
Ion Ratio Lower Upper
96 100
61 131.3 117.9 176.9
98 61.4 49.4 74.2

Manual Integrations
APPROVED

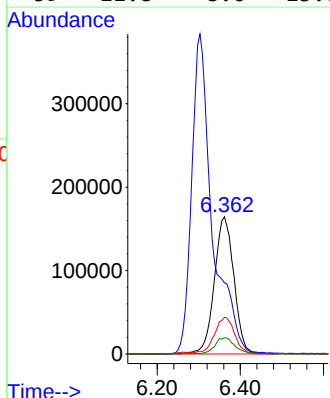
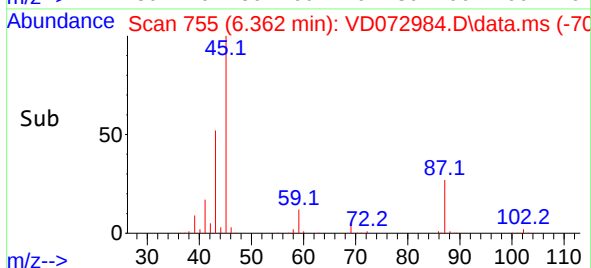
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

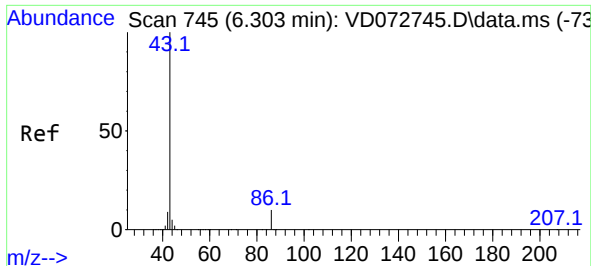


#22
Diisopropyl ether
Concen: 44.456 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



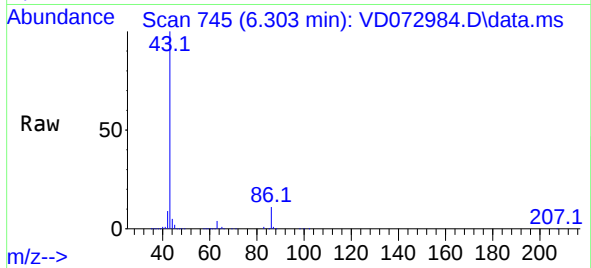
Tgt Ion: 45 Resp: 537733
Ion Ratio Lower Upper
45 100
43 51.3 46.6 70.0
87 26.6 18.4 27.6
59 11.8 8.6 13.0





#23
 Vinyl Acetate
 Concen: 197.740 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072984.D
 Acq: 13 May 2022 09:36

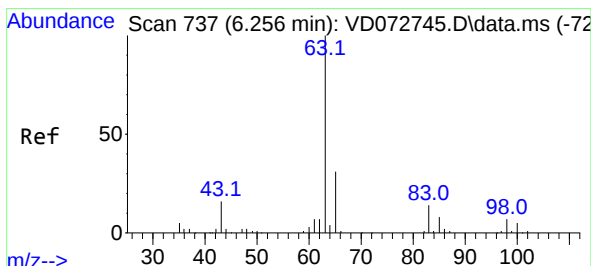
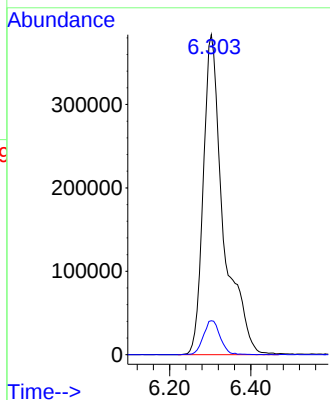
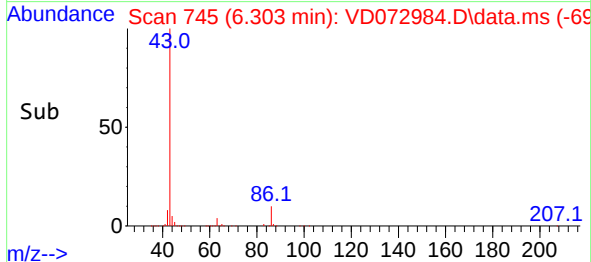
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



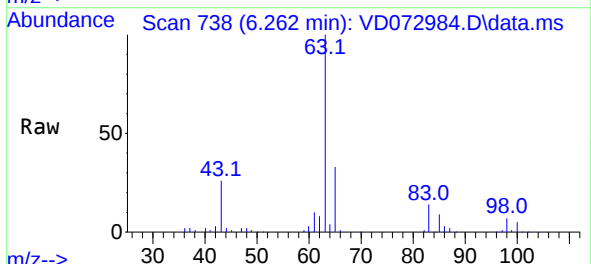
Tgt Ion: 43 Resp: 1321280
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7

Manual Integrations
 APPROVED

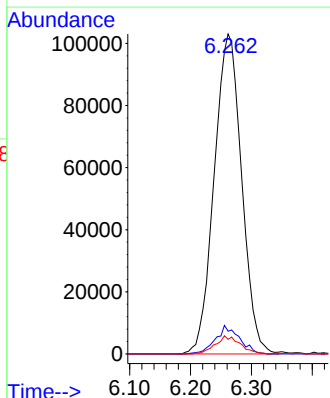
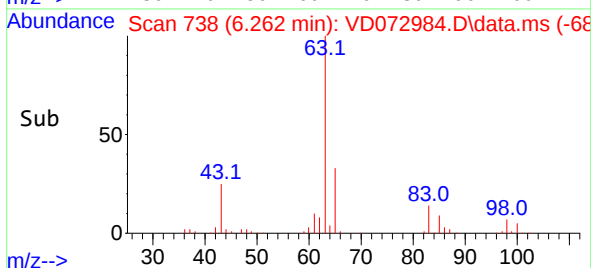
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

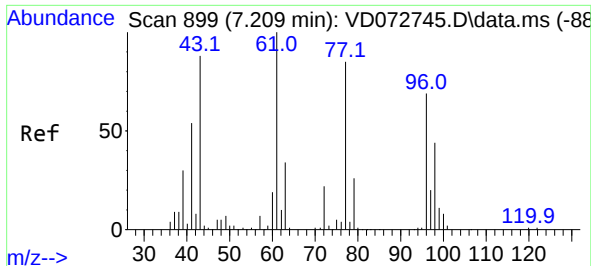


#24
 1,1-Dichloroethane
 Concen: 44.427 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.006 min
 Lab File: VD072984.D
 Acq: 13 May 2022 09:36



Tgt Ion: 63 Resp: 322863
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.6 2.1 6.5





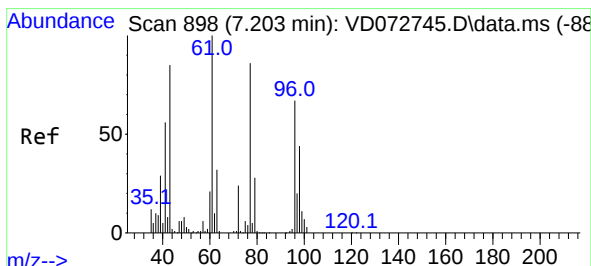
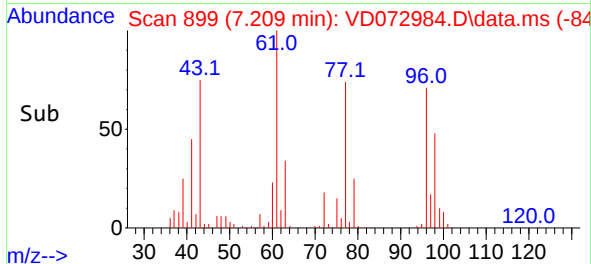
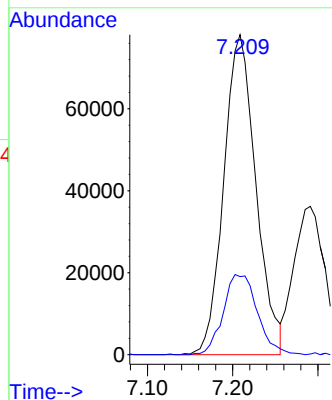
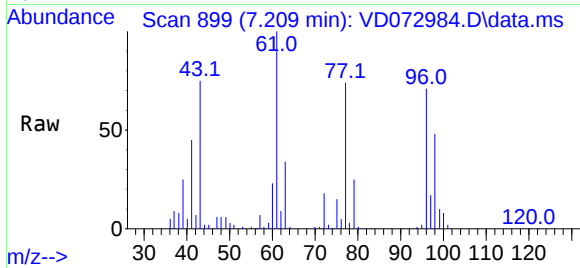
#25
2-Butanone
Concen: 191.648 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 204732
Ion Ratio Lower Upper
43 100
72 24.4 18.6 27.8

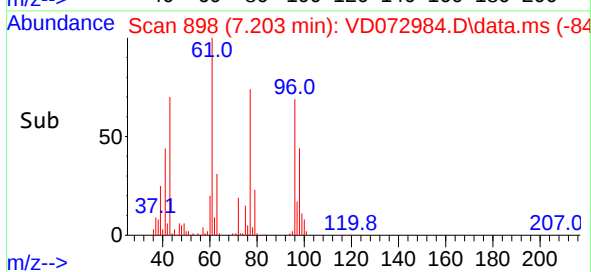
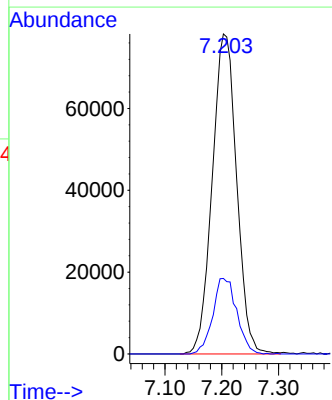
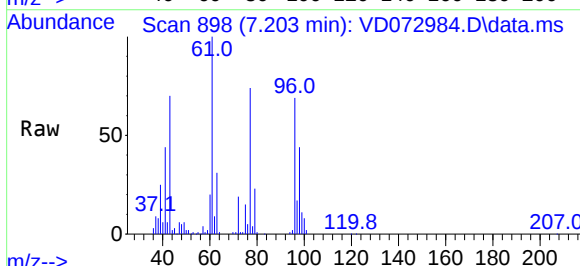
Manual Integrations
APPROVED

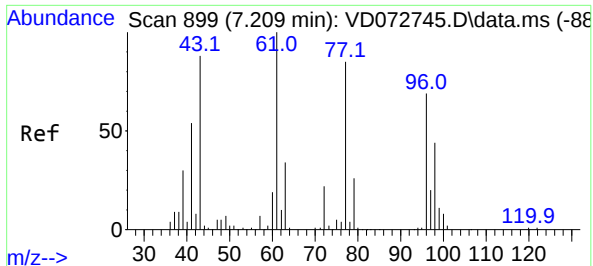
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 37.913 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

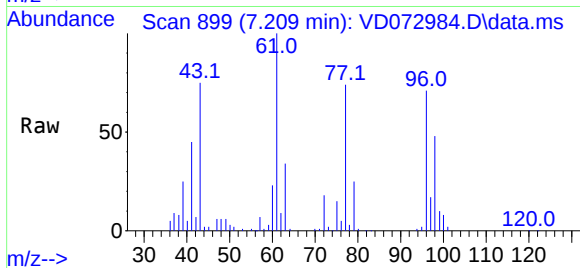
Tgt Ion: 77 Resp: 232925
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 45.142 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

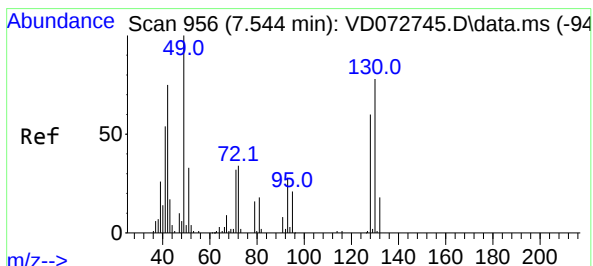
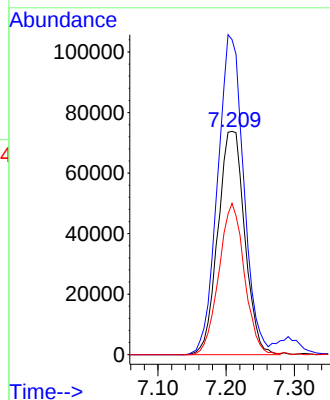
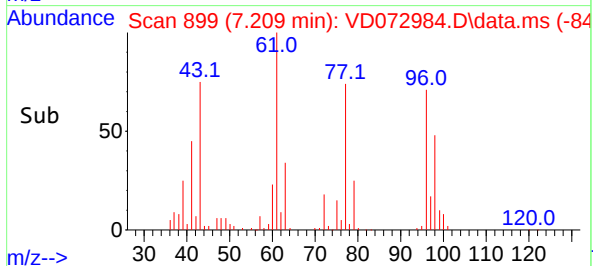
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



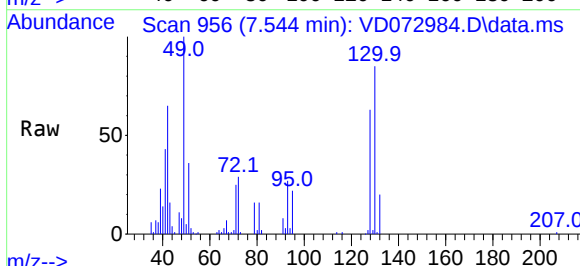
Tgt Ion: 96 Resp: 201949
Ion Ratio Lower Upper
96 100
61 139.4 0.0 313.8
98 64.5 0.0 128.8

Manual Integrations
APPROVED

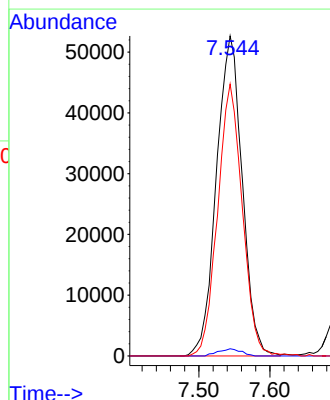
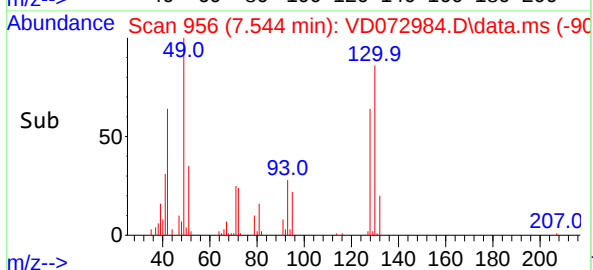
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#28
Bromochloromethane
Concen: 48.929 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



Tgt Ion: 49 Resp: 132599
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 81.3 52.6 79.0#





#29

Tetrahydrofuran

Concen: 201.392 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.001 min

Lab File: VD072984.D

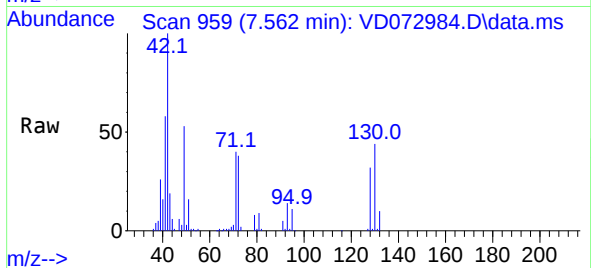
Acq: 13 May 2022 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



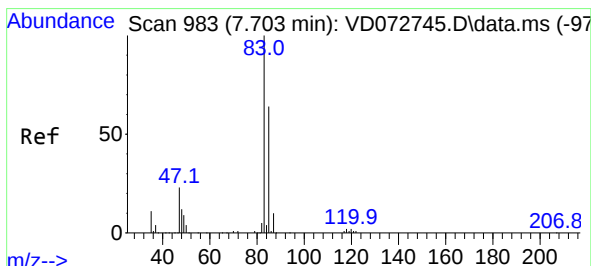
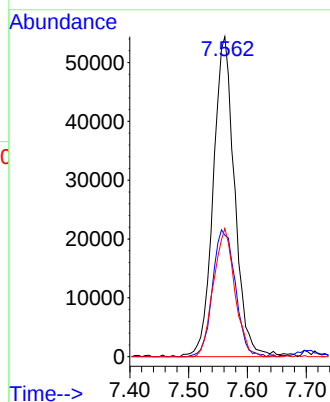
Tgt Ion:	42	Resp:	13713
Ion	Ratio	Lower	Upper
42	100		
72	42.2	30.7	46.1
71	40.0	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 45.253 ug/l

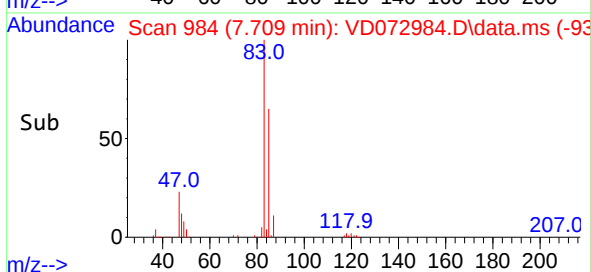
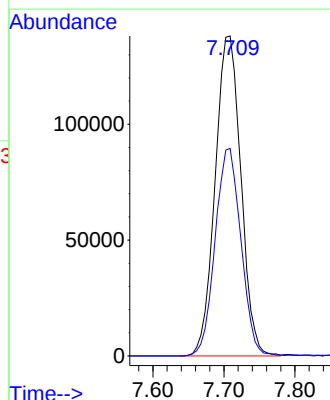
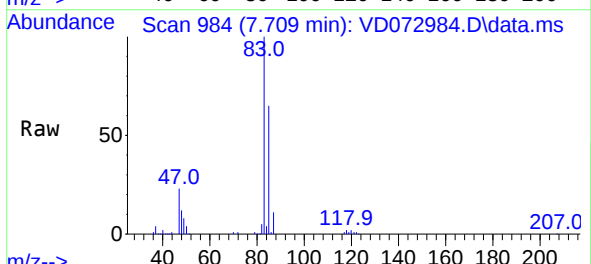
RT: 7.709 min Scan# 984

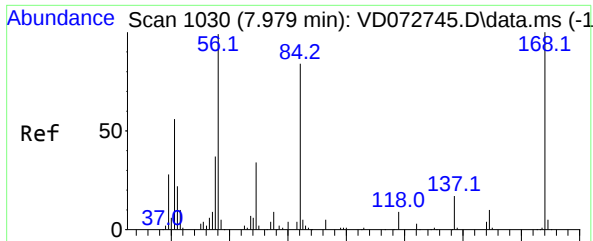
Delta R.T. 0.006 min

Lab File: VD072984.D

Acq: 13 May 2022 09:36

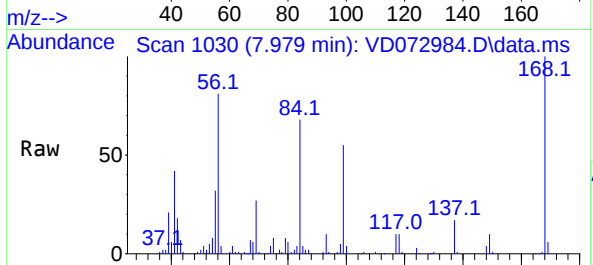
Tgt Ion:	83	Resp:	347975
Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.7	79.1





#31
Cyclohexane
Concen: 36.738 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

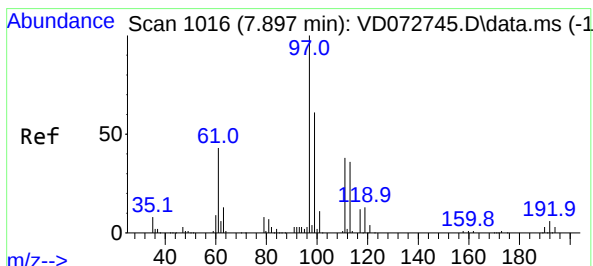
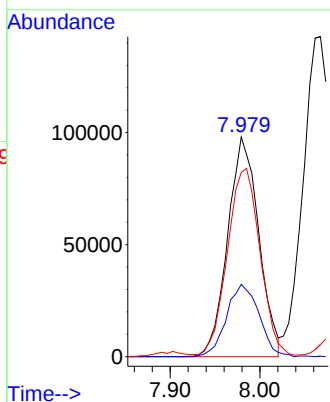
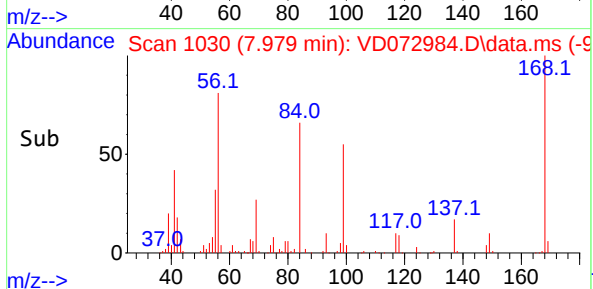
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



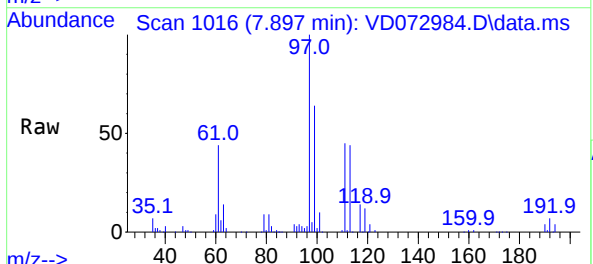
Tgt Ion: 56 Resp: 235462
Ion Ratio Lower Upper
56 100
69 32.9 25.4 38.2
84 82.1 63.0 94.4

Manual Integrations
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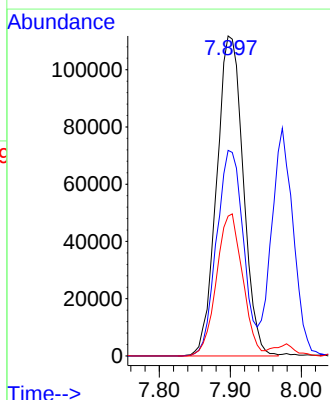
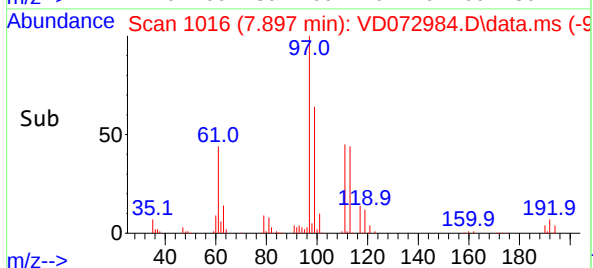
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

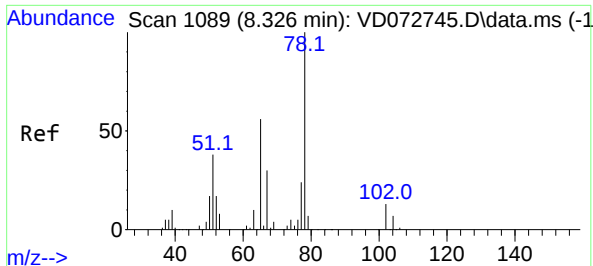


#32
1,1,1-Trichloroethane
Concen: 44.356 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



Tgt Ion: 97 Resp: 290688
Ion Ratio Lower Upper
97 100
99 64.7 52.4 78.6
61 43.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 45.376 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072984.D

Acq: 13 May 2022 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 16636

Ion Ratio Lower Upper

65 100

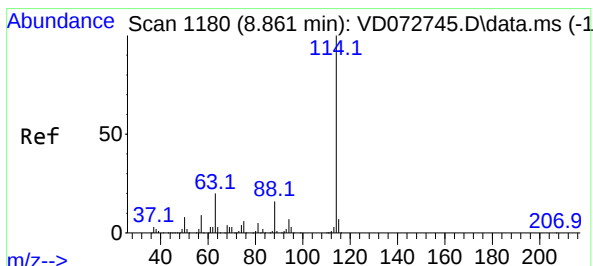
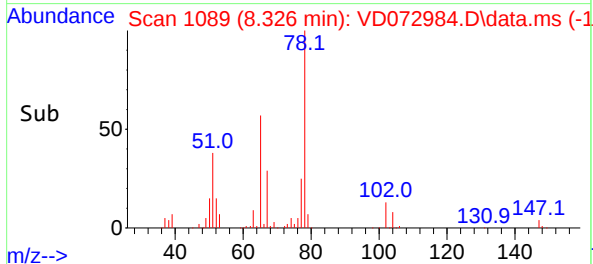
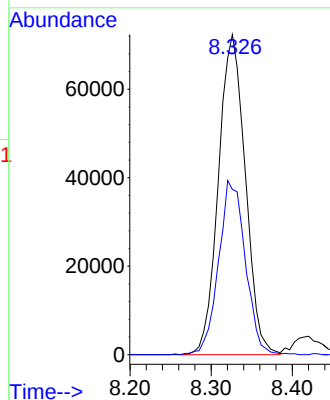
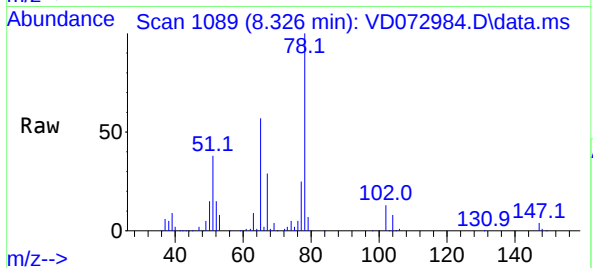
67 54.2 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072984.D

Acq: 13 May 2022 09:36

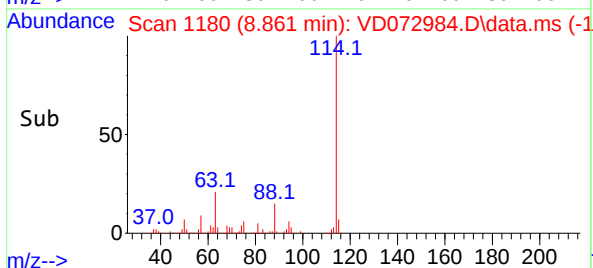
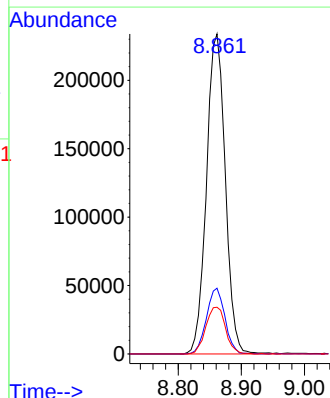
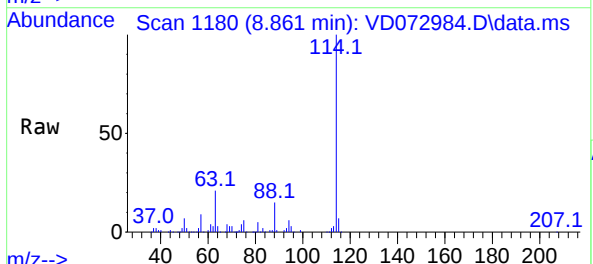
Tgt Ion:114 Resp: 484584

Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

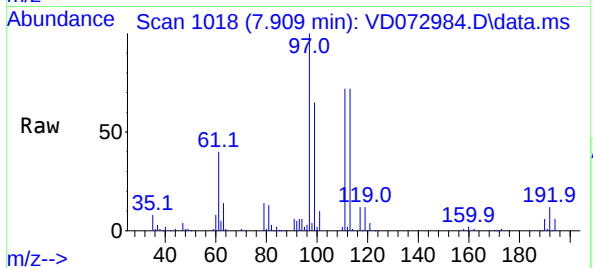
88 14.6 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.210 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

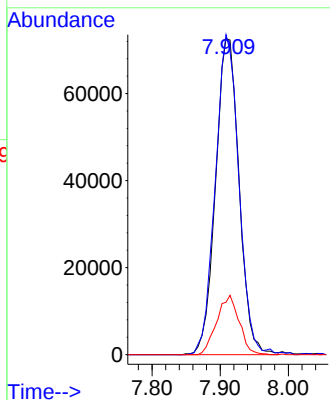
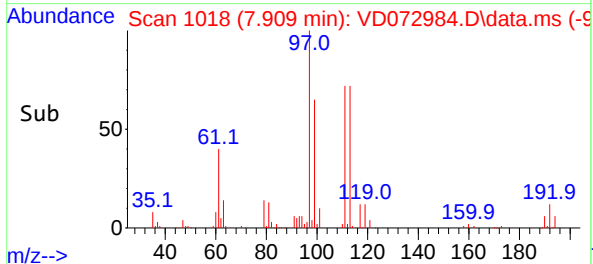
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



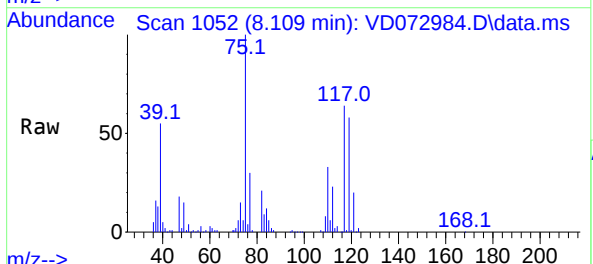
Tgt Ion:113 Resp: 17428
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 17.9 14.6 21.8

Manual Integrations
APPROVED

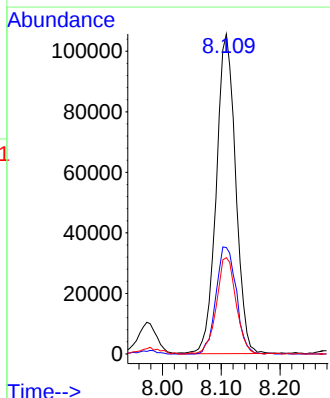
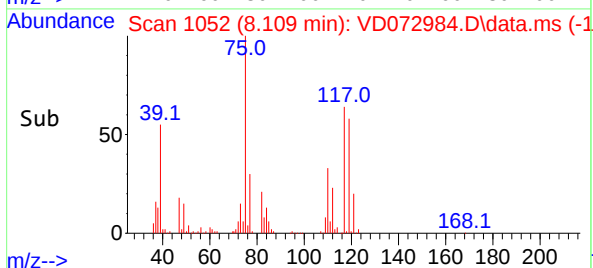
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

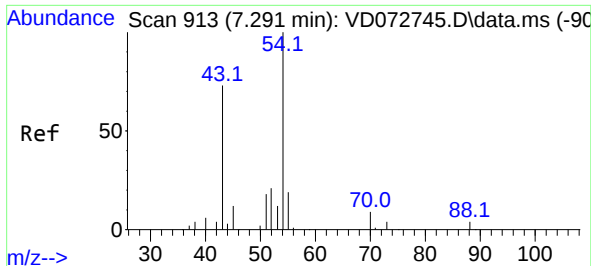


#36
1,1-Dichloropropene
Concen: 43.509 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



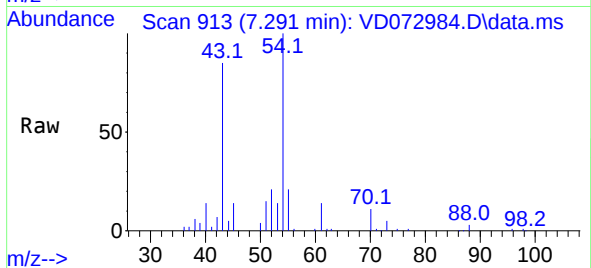
Tgt Ion: 75 Resp: 240771
Ion Ratio Lower Upper
75 100
110 35.0 16.4 49.1
77 30.7 24.2 36.2





#37
Ethyl Acetate
Concen: 37.392 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

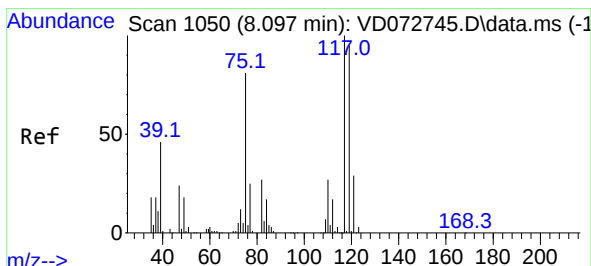
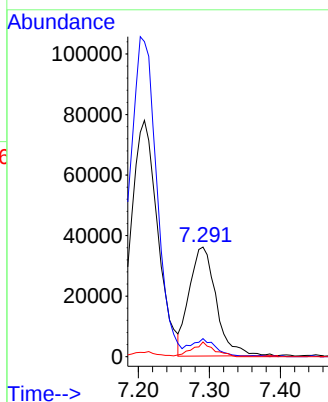
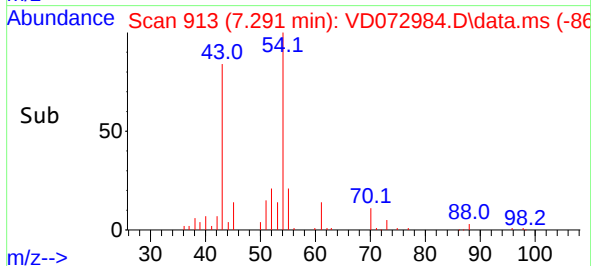
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 9512
Ion Ratio Lower Upper
43 100
61 11.7 9.8 14.8
70 10.7 6.9 10.3

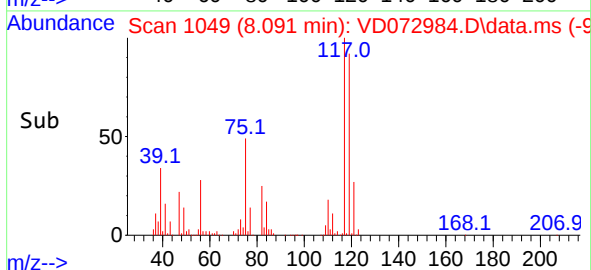
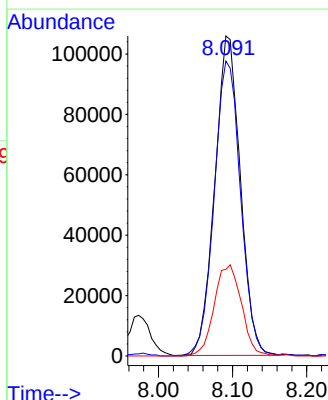
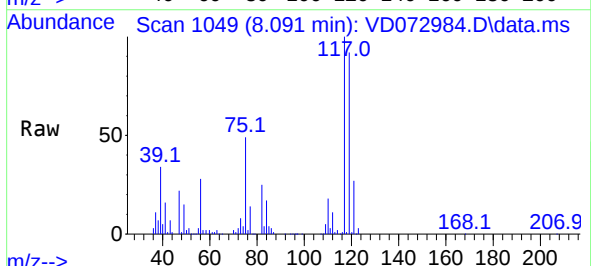
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 44.031 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Tgt Ion:117 Resp: 252931
Ion Ratio Lower Upper
117 100
119 92.3 75.8 113.6
121 27.1 24.5 36.7





#39

Methylcyclohexane

Concen: 38.428 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072984.D

Acq: 13 May 2022 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 246660

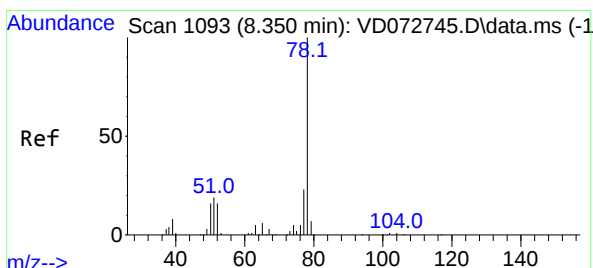
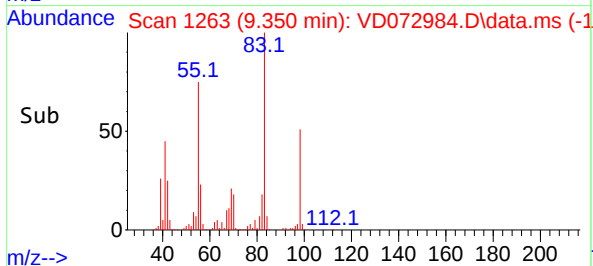
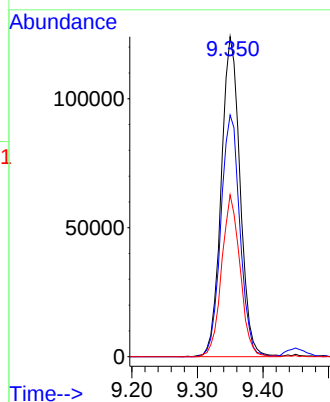
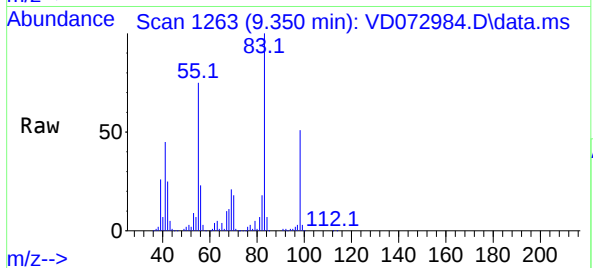
Ion	Ratio	Lower	Upper
83	100		
55	75.5	63.2	94.8
98	50.6	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#40

Benzene

Concen: 44.992 ug/l

RT: 8.350 min Scan# 1093

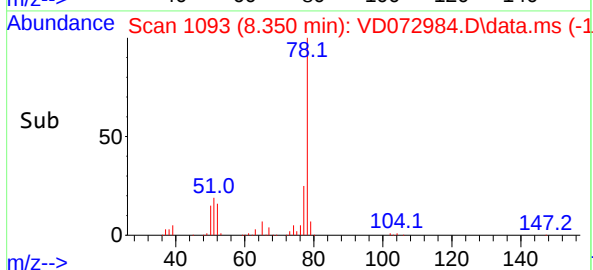
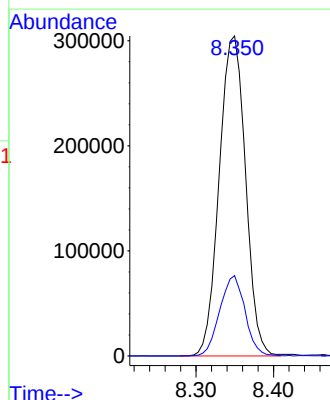
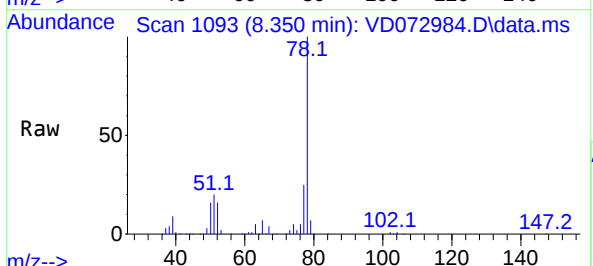
Delta R.T. -0.000 min

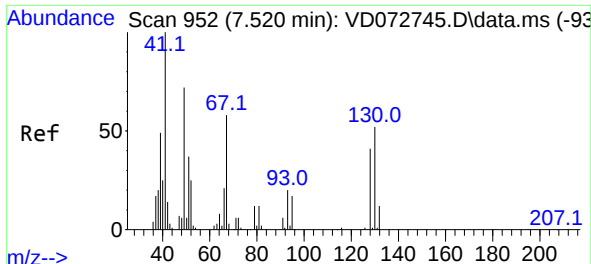
Lab File: VD072984.D

Acq: 13 May 2022 09:36

Tgt Ion: 78 Resp: 719005

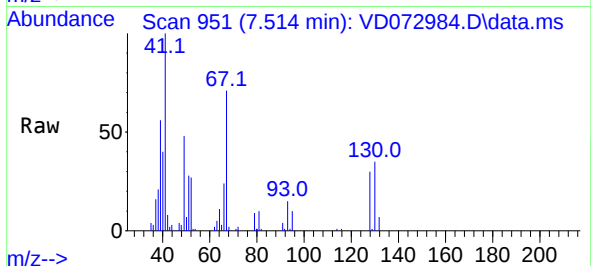
Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.1	28.7





#41
Methacrylonitrile
Concen: 36.928 ug/l
RT: 7.514 min Scan# 951
Delta R.T. -0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

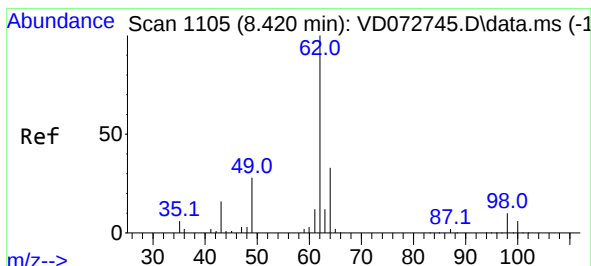
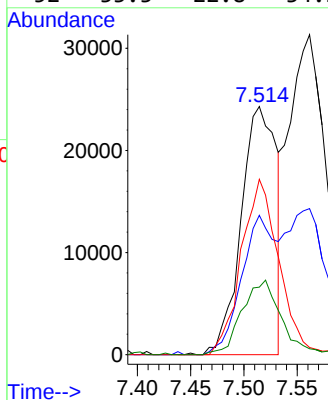
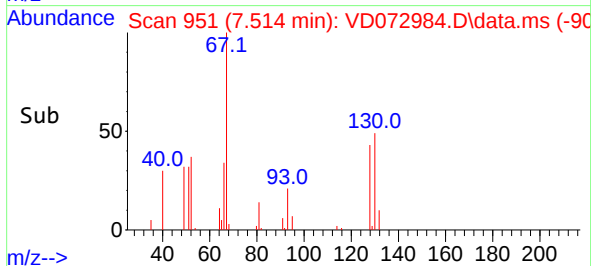
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



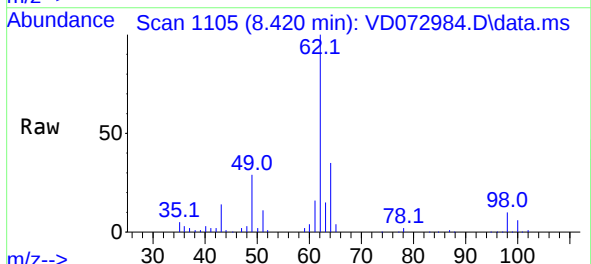
Tgt Ion: 41 Resp: 5593
Ion Ratio Lower Upper
41 100
39 54.9 44.6 67.0
67 75.7 48.2 72.4
52 33.3 22.8 34.2

Manual Integrations
APPROVED

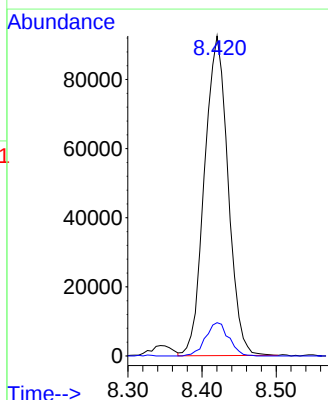
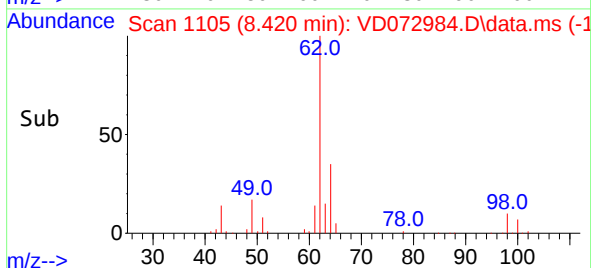
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

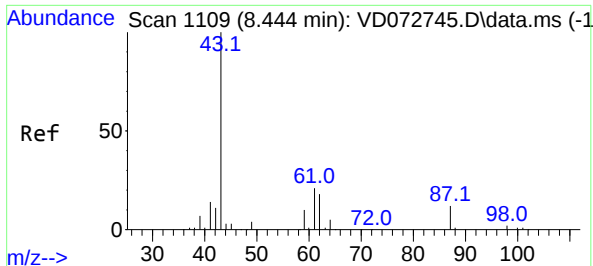


#42
1,2-Dichloroethane
Concen: 42.452 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



Tgt Ion: 62 Resp: 204439
Ion Ratio Lower Upper
62 100
98 10.2 0.0 17.6





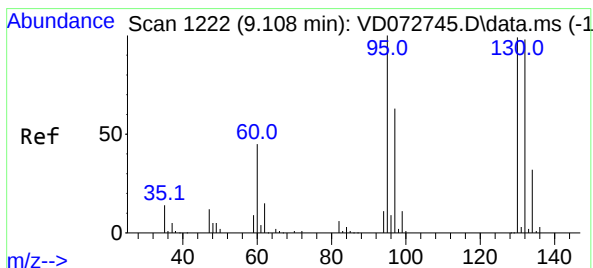
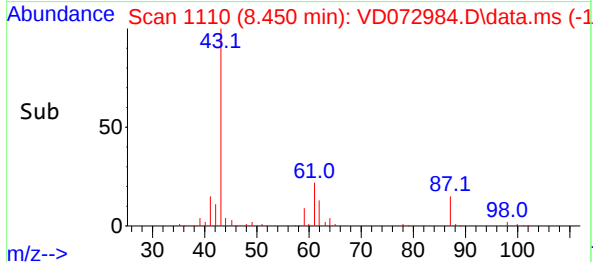
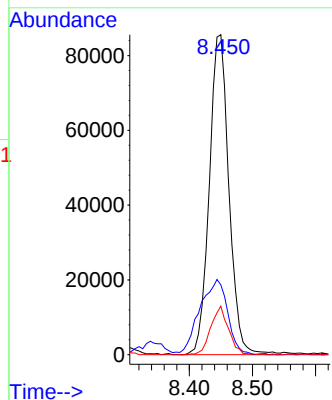
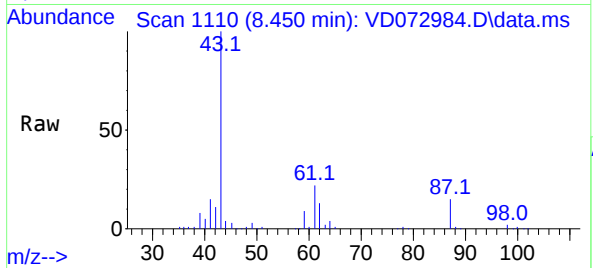
#43
Isopropyl Acetate
Concen: 39.343 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 184728
Ion Ratio Lower Upper
43 100
61 33.2 22.4 33.6
87 13.7 8.7 13.1

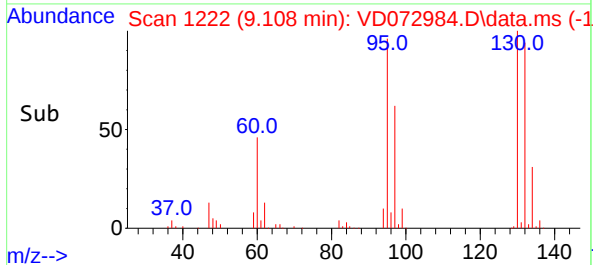
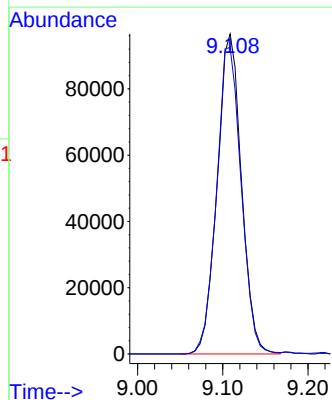
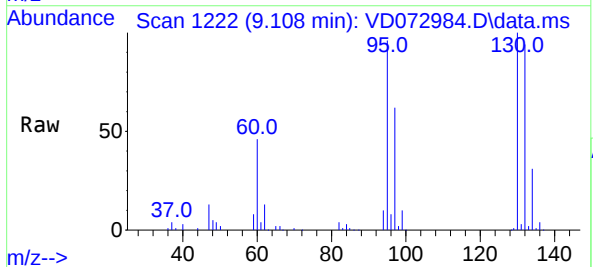
Manual Integrations
APPROVED

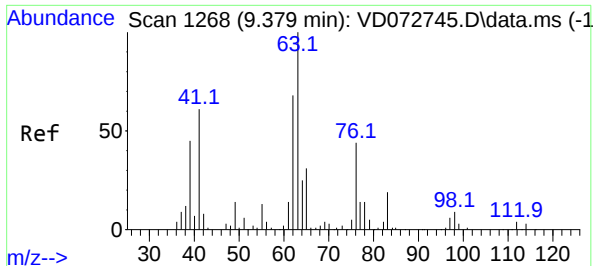
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#44
Trichloroethene
Concen: 44.591 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

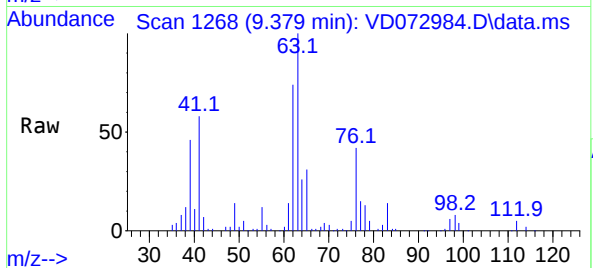
Tgt Ion:130 Resp: 190644
Ion Ratio Lower Upper
130 100
95 95.8 0.0 205.4





#45
1,2-Dichloropropane
Concen: 44.066 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

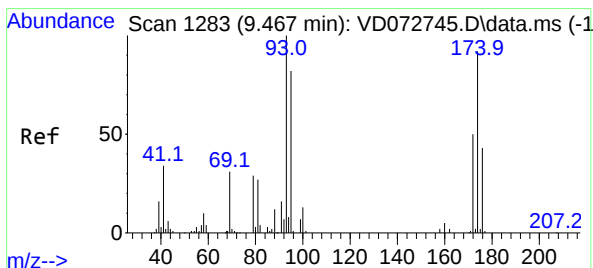
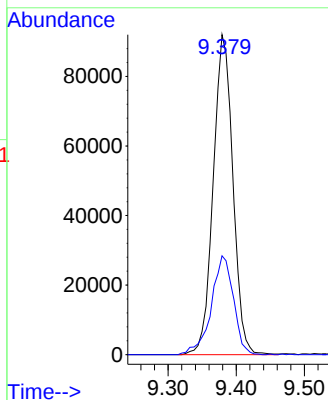
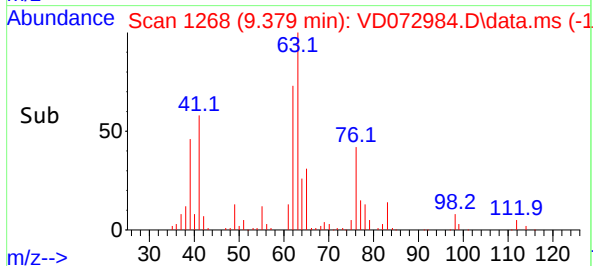
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



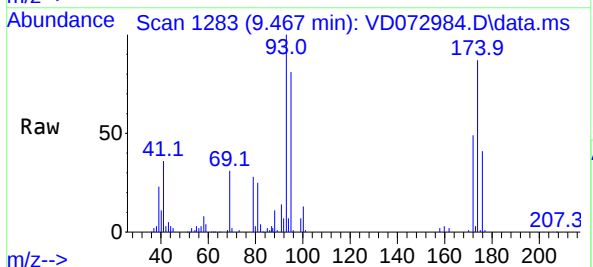
Tgt Ion: 63 Resp: 184940
Ion Ratio Lower Upper
63 100
65 30.9 26.2 39.4

Manual Integrations
APPROVED

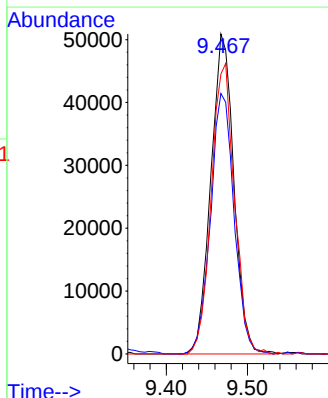
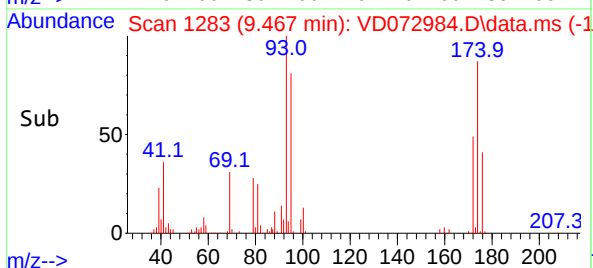
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

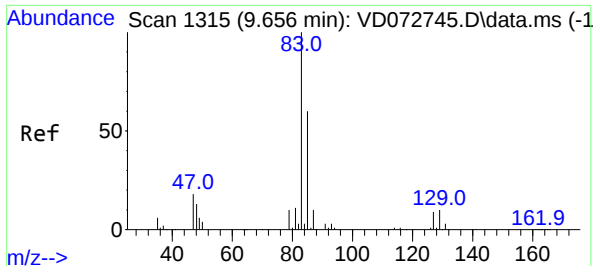


#46
Dibromomethane
Concen: 43.387 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



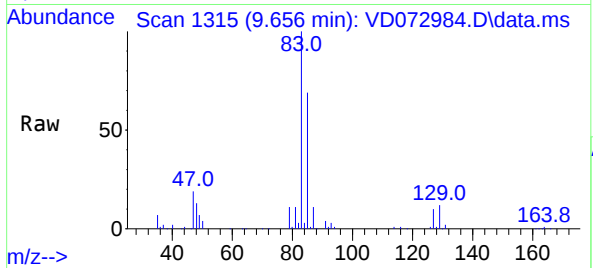
Tgt Ion: 93 Resp: 100444
Ion Ratio Lower Upper
93 100
95 83.2 66.7 100.1
174 91.2 71.6 107.4





#47
Bromodichloromethane
Concen: 44.906 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

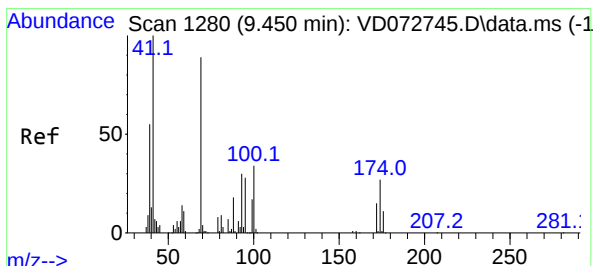
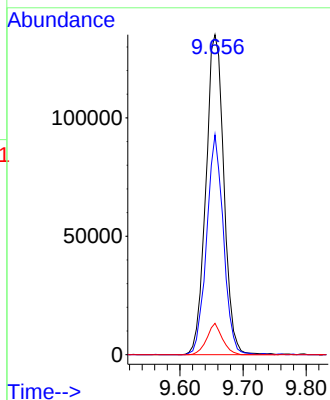
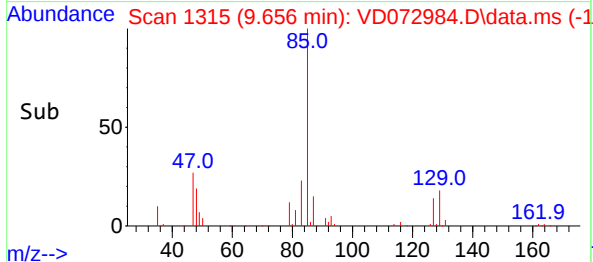
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



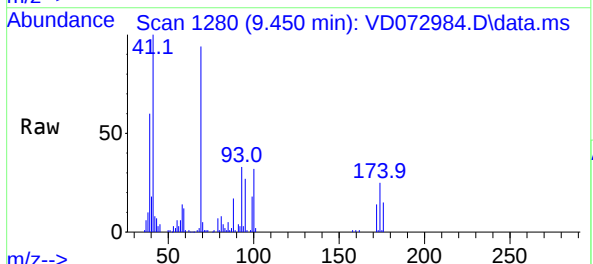
Tgt Ion: 83 Resp: 267440
Ion Ratio Lower Upper
83 100
85 68.7 51.4 77.0
127 9.8 6.1 9.1

Manual Integrations
APPROVED

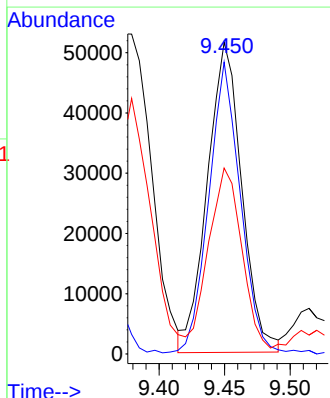
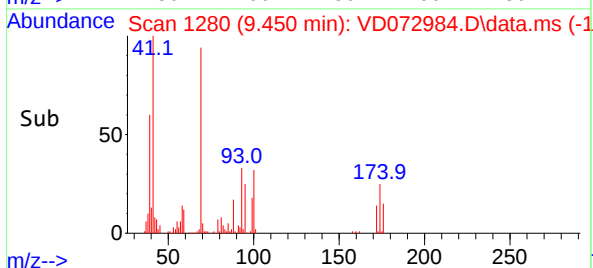
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

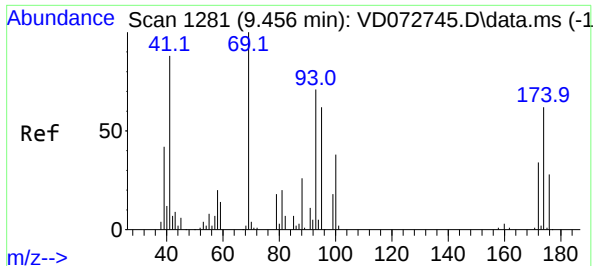


#48
Methyl methacrylate
Concen: 40.950 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



Tgt Ion: 41 Resp: 94064
Ion Ratio Lower Upper
41 100
69 86.4 56.7 85.1
39 58.2 42.7 64.1





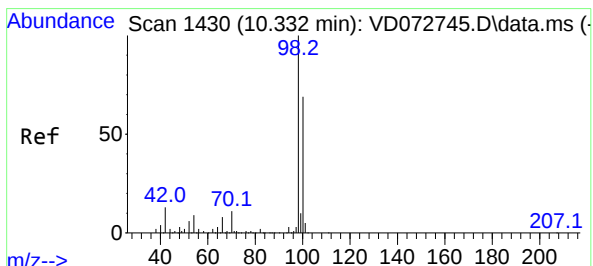
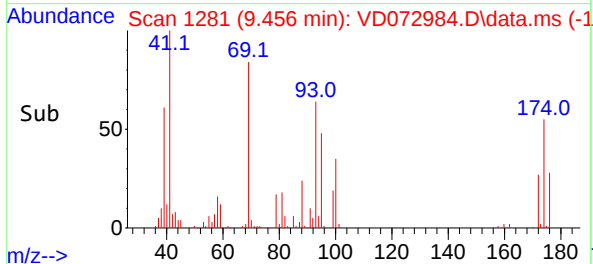
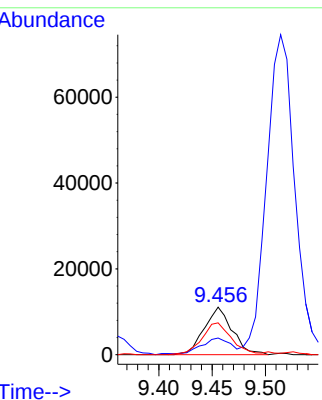
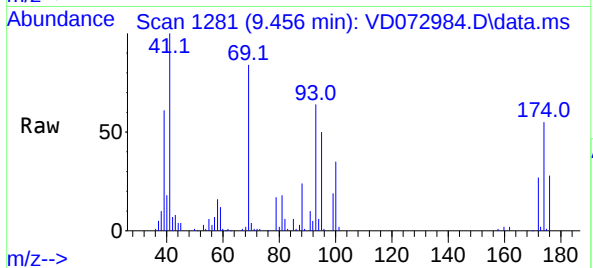
#49
1,4-Dioxane
Concen: 773.655 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 20169
Ion Ratio Lower Upper
88 100
43 38.0 31.0 46.4
58 71.0 58.1 87.1

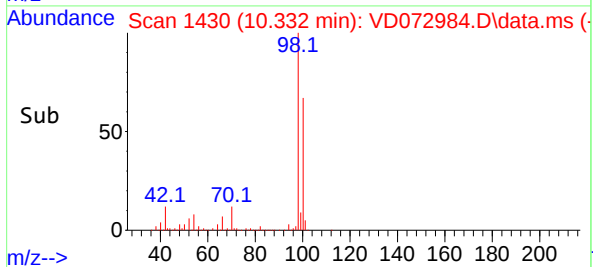
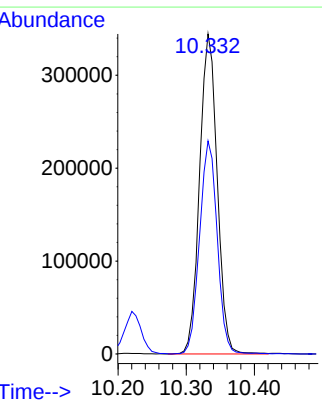
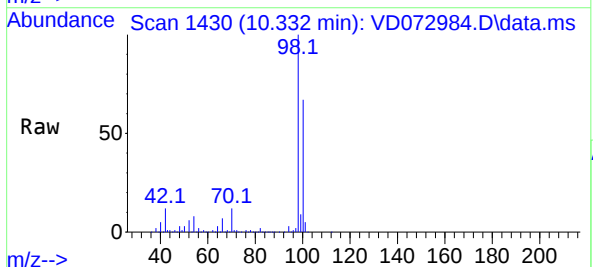
Manual Integrations
APPROVED

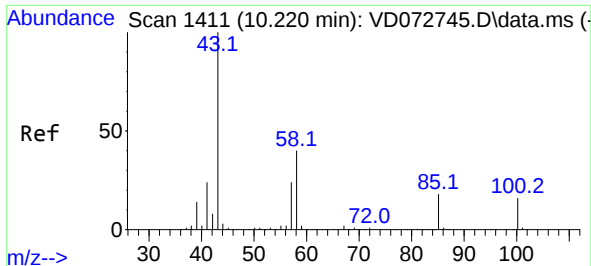
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#50
Toluene-d8
Concen: 50.774 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

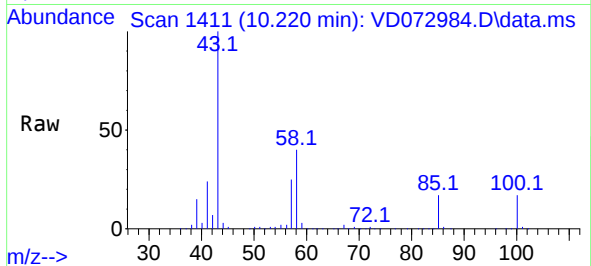
Tgt Ion: 98 Resp: 619844
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 203.435 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

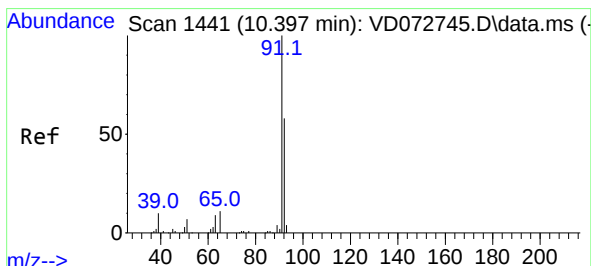
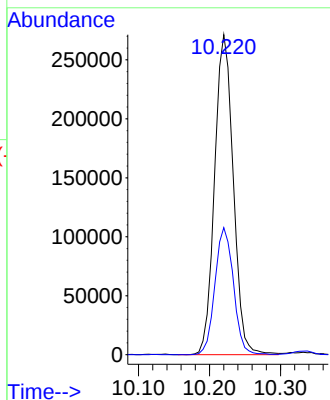
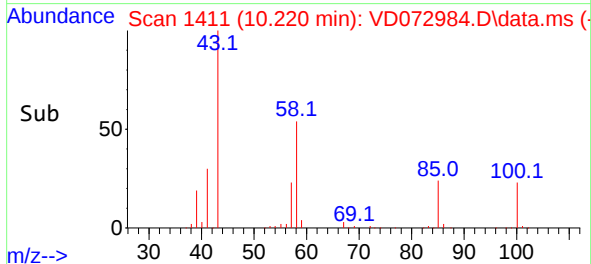
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 49635
Ion Ratio Lower Upper
43 100
58 39.3 28.6 43.0

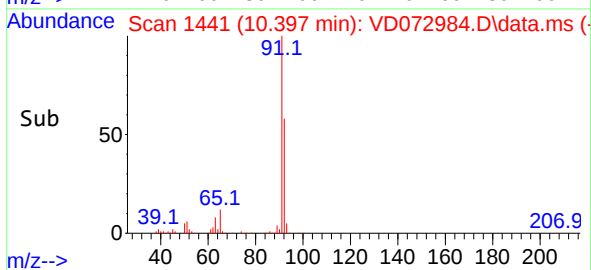
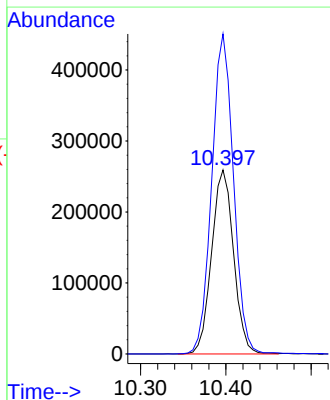
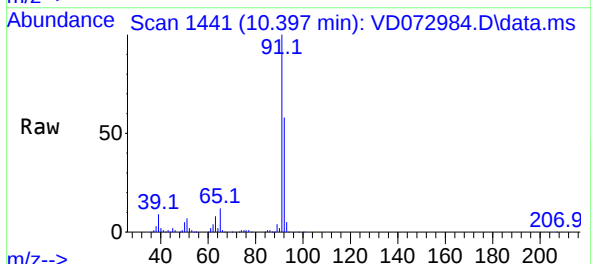
Manual Integrations
APPROVED

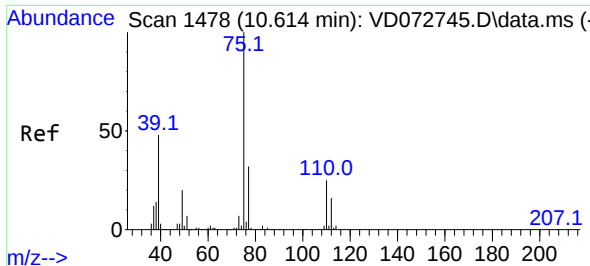
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 46.543 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

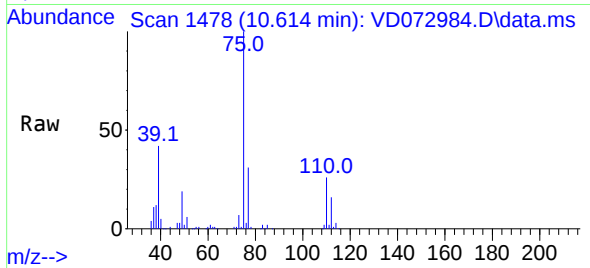
Tgt Ion: 92 Resp: 463977
Ion Ratio Lower Upper
92 100
91 172.5 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 41.332 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

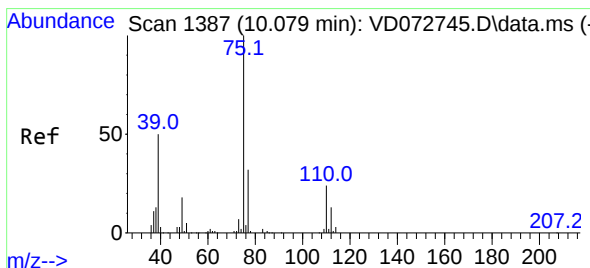
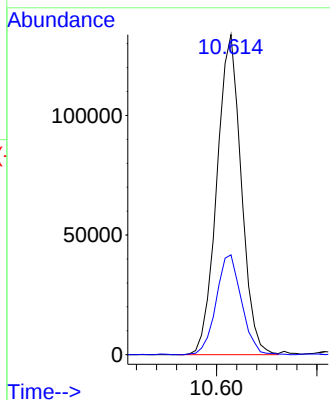
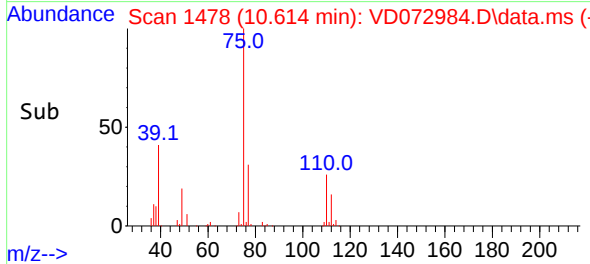
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



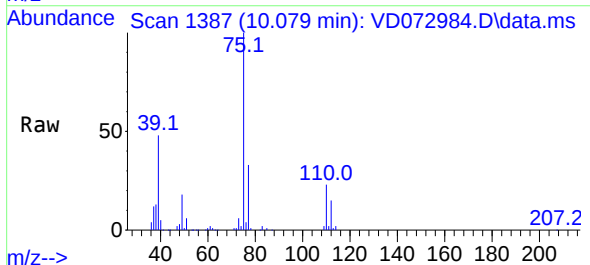
Tgt Ion: 75 Resp: 226100
Ion Ratio Lower Upper
75 100
77 31.2 24.5 36.7

Manual Integrations
APPROVED

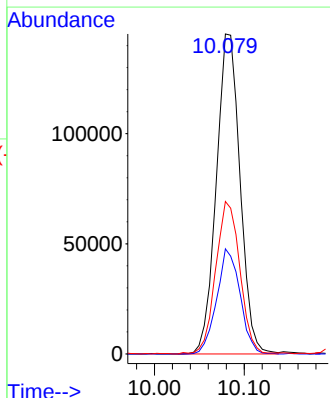
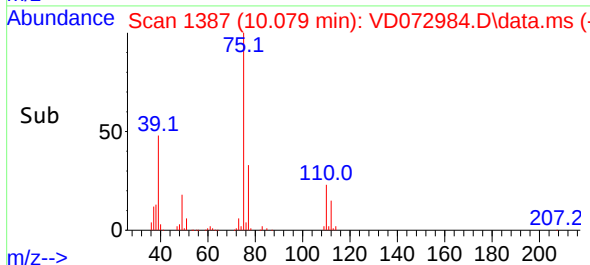
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

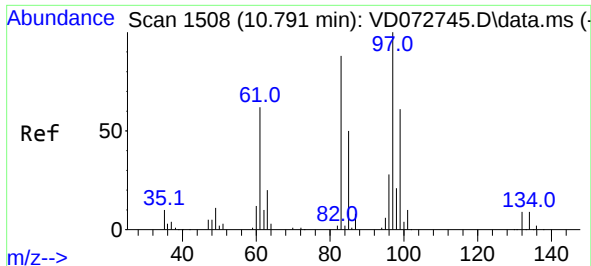


#54
cis-1,3-Dichloropropene
Concen: 42.050 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



Tgt Ion: 75 Resp: 267246
Ion Ratio Lower Upper
75 100
77 32.9 24.8 37.2
39 47.7 46.8 70.2





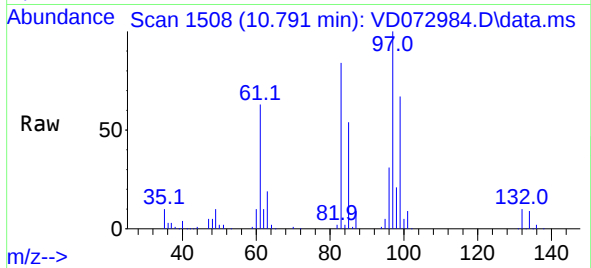
#55
1,1,2-Trichloroethane
Concen: 44.587 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 97 Resp: 13954

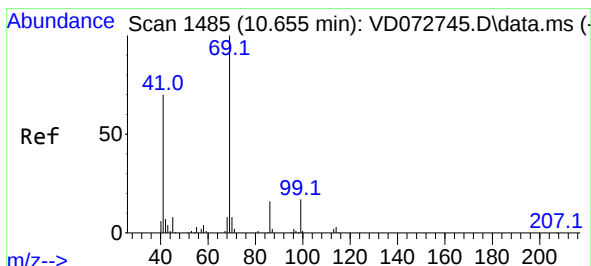
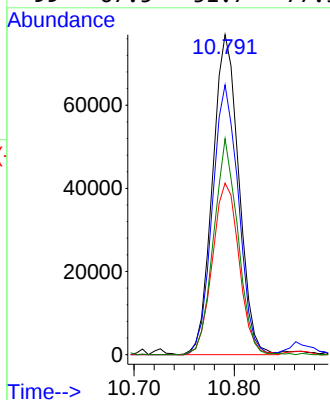
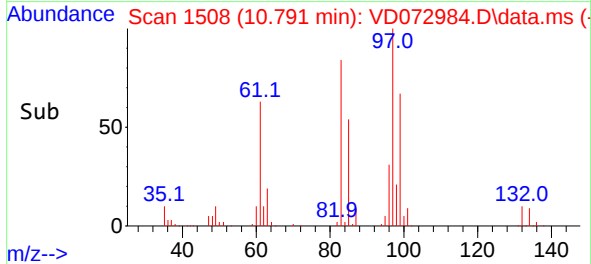
Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.0	103.4
85	53.6	42.6	63.8
99	67.5	51.7	77.5

Manual Integrations

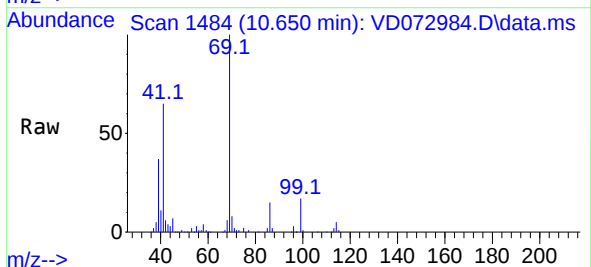
APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022

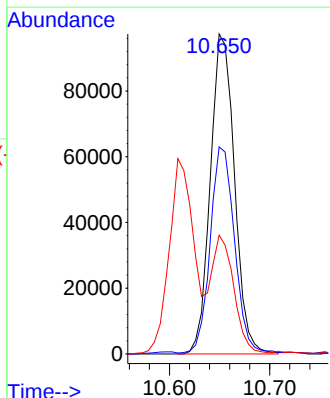
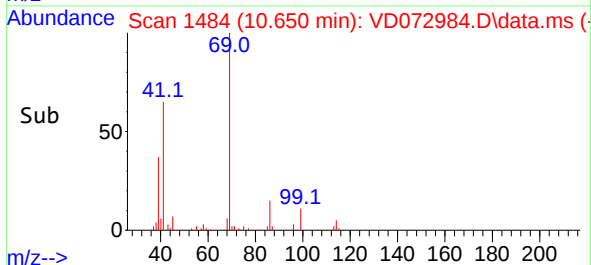


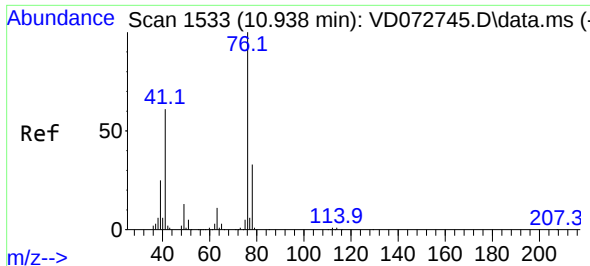
#56
Ethyl methacrylate
Concen: 44.252 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.005 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



Tgt Ion: 69 Resp: 163062

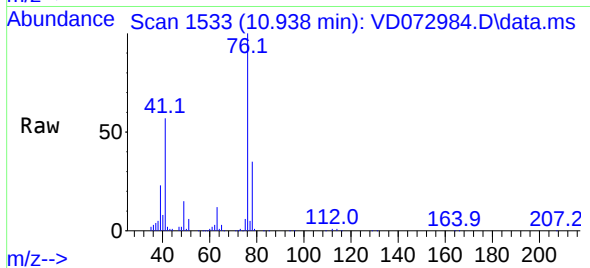
Ion	Ratio	Lower	Upper
69	100		
41	64.7	63.0	94.6
39	35.6	33.8	50.8





#57
1,3-Dichloropropane
Concen: 43.472 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

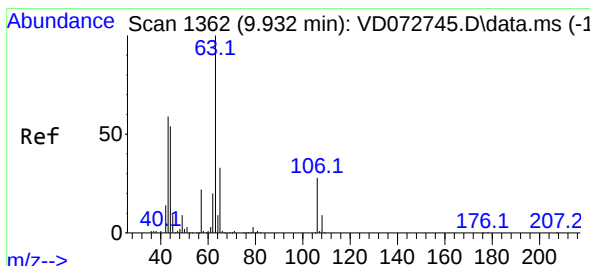
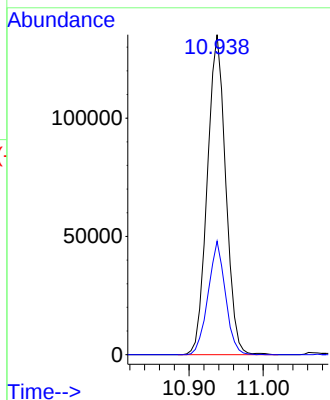
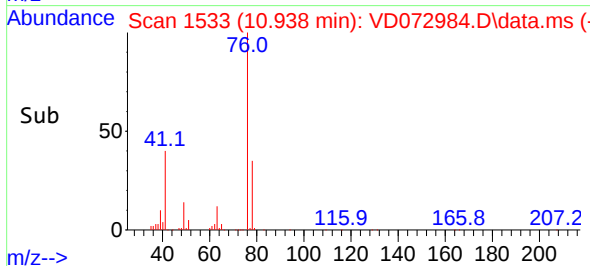
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



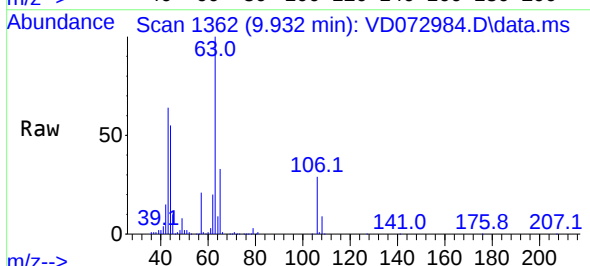
Tgt Ion: 76 Resp: 233474
Ion Ratio Lower Upper
76 100
78 33.3 26.0 39.0

Manual Integrations
APPROVED

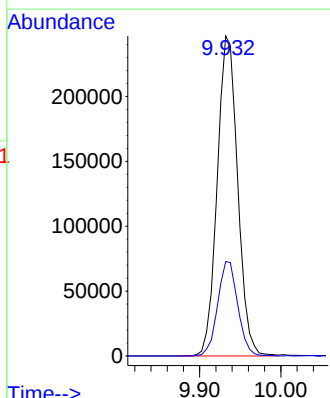
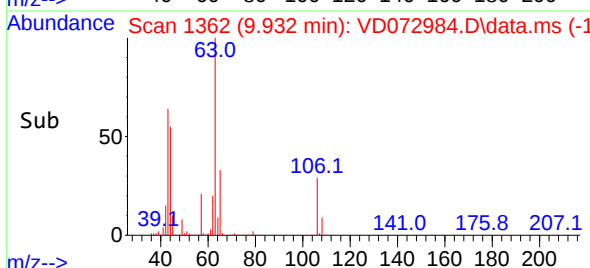
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

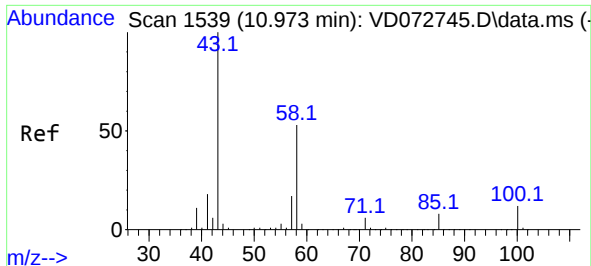


#58
2-Chloroethyl Vinyl ether
Concen: 242.109 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



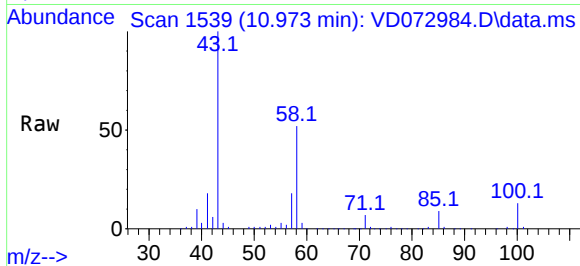
Tgt Ion: 63 Resp: 432545
Ion Ratio Lower Upper
63 100
106 29.0 21.4 32.0





#59
2-Hexanone
Concen: 203.497 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

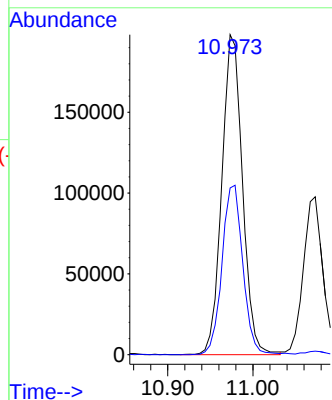
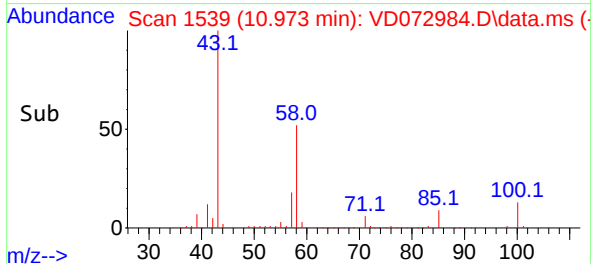
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



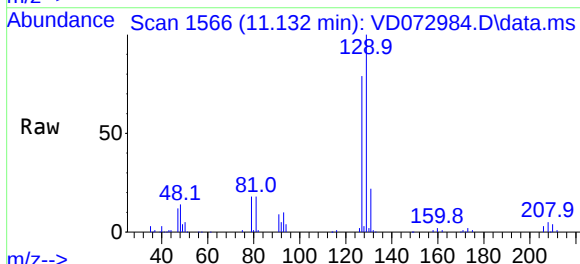
Tgt Ion: 43 Resp: 334092
Ion Ratio Lower Upper
43 100
58 53.5 25.3 75.9

Manual Integrations
APPROVED

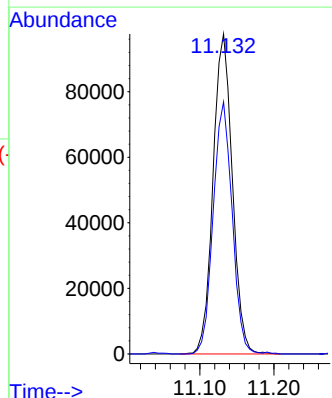
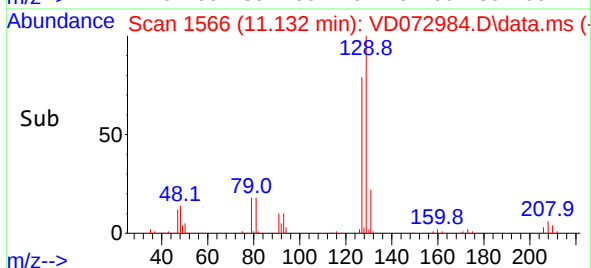
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

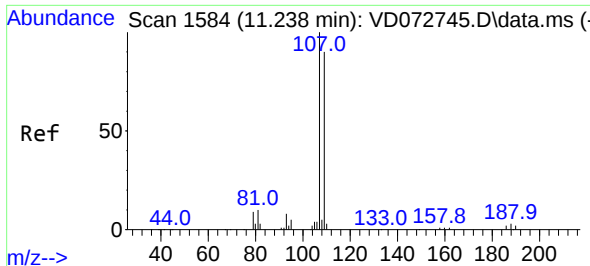


#60
Dibromochloromethane
Concen: 44.687 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



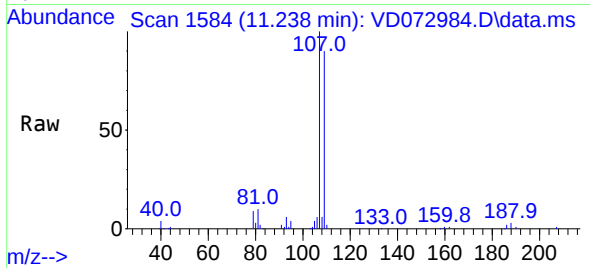
Tgt Ion:129 Resp: 176055
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6





#61
1,2-Dibromoethane
Concen: 43.897 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

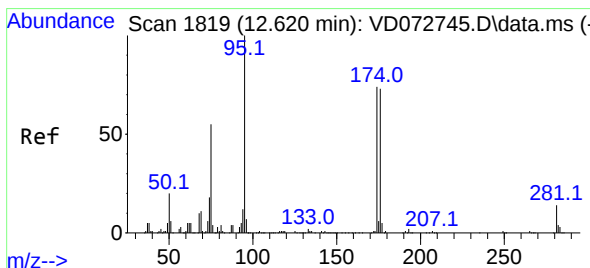
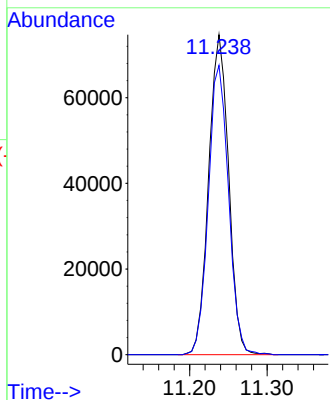
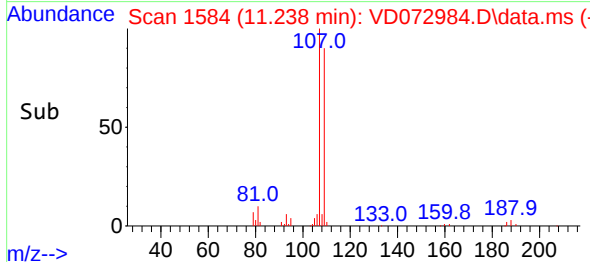
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



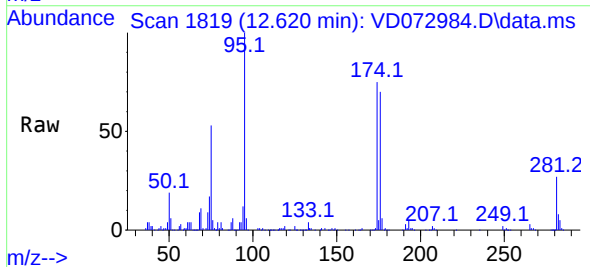
Tgt Ion:107 Resp: 133719
Ion Ratio Lower Upper
107 100
109 91.6 74.2 111.4

Manual Integrations
APPROVED

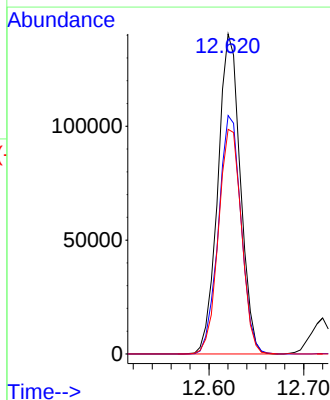
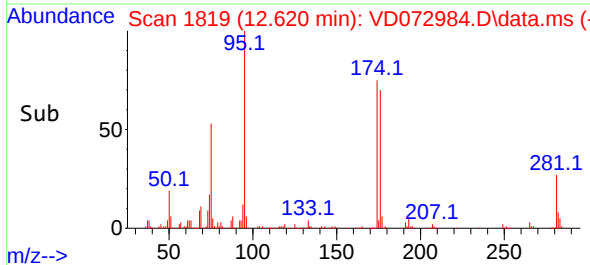
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

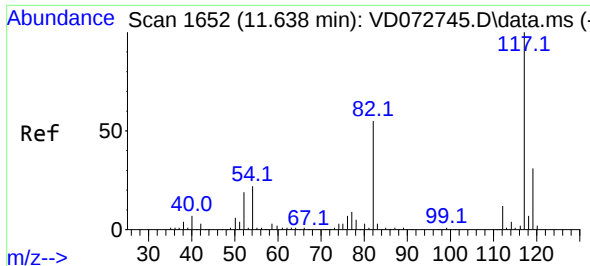


#62
4-Bromofluorobenzene
Concen: 50.935 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



Tgt Ion: 95 Resp: 231855
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 71.7 0.0 145.4





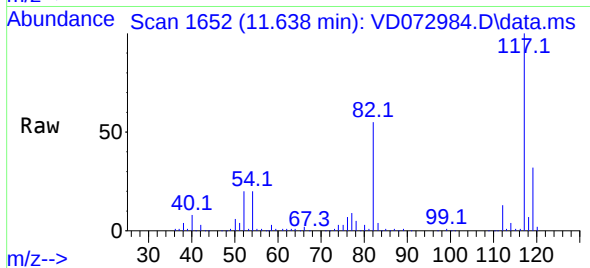
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



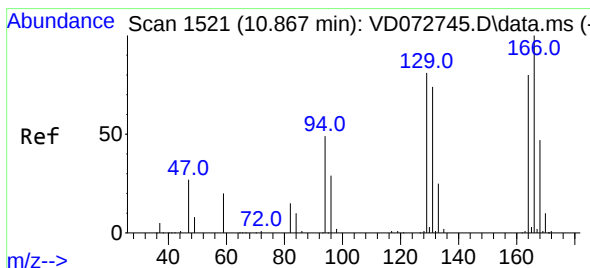
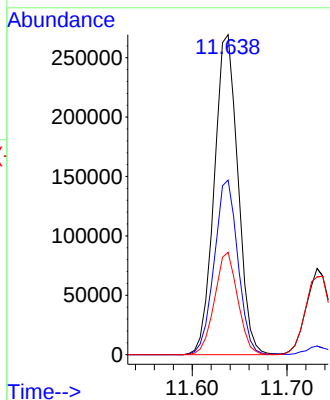
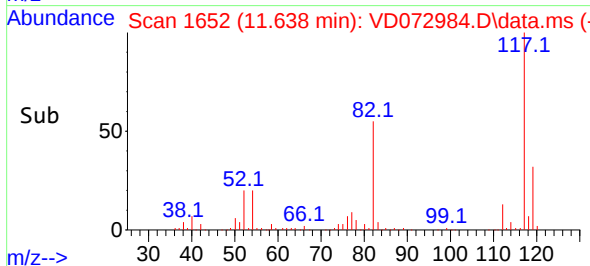
Tgt Ion:117 Resp: 468139
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 32.0 26.6 40.0

Manual Integrations

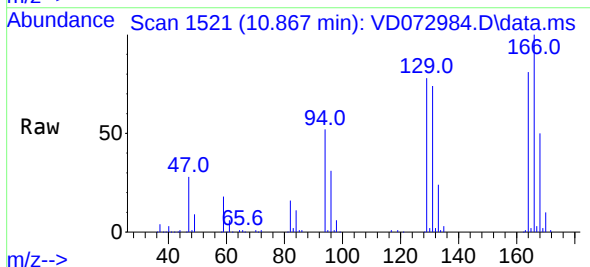
APPROVED

Reviewed By :John Carlone 05/13/2022

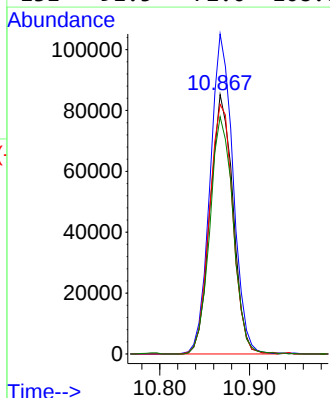
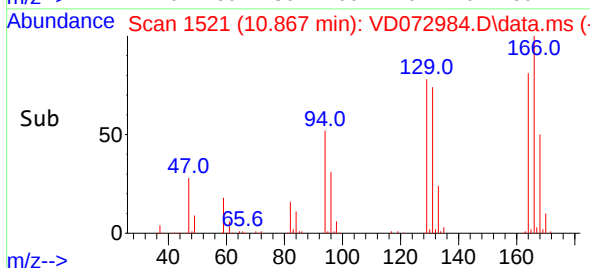
Supervised By :Mahesh Dadoda 05/13/2022

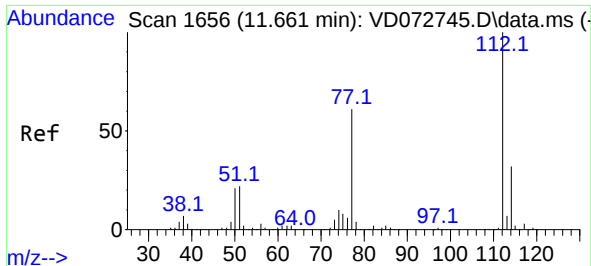


#64
Tetrachloroethene
Concen: 44.015 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



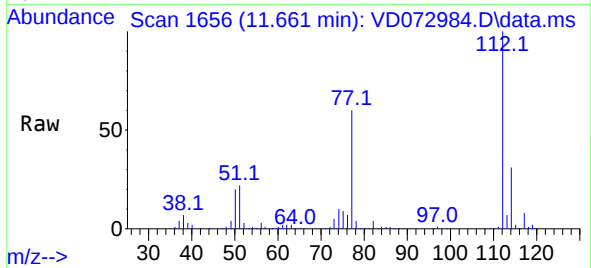
Tgt Ion:164 Resp: 150648
Ion Ratio Lower Upper
164 100
166 123.4 98.5 147.7
129 96.2 74.6 111.8
131 91.5 72.0 108.0





#65
Chlorobenzene
Concen: 45.242 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

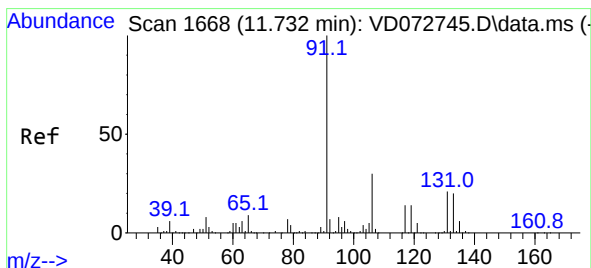
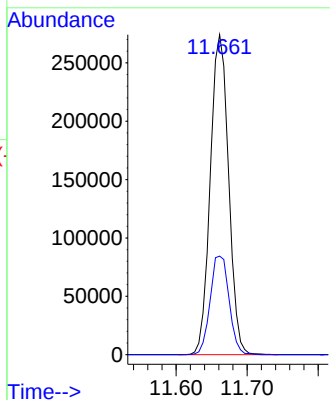
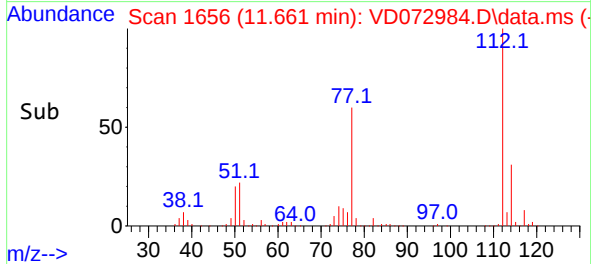
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



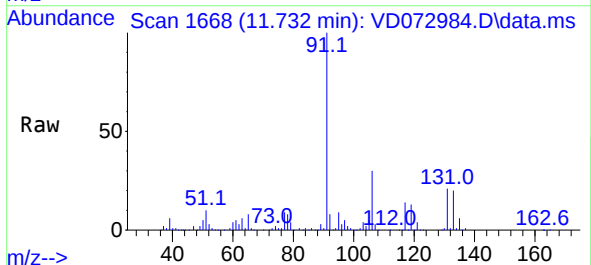
Tgt Ion:112 Resp: 48986
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6

Manual Integrations
APPROVED

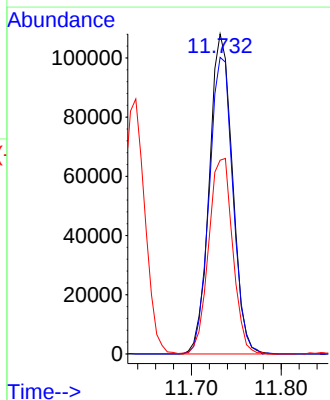
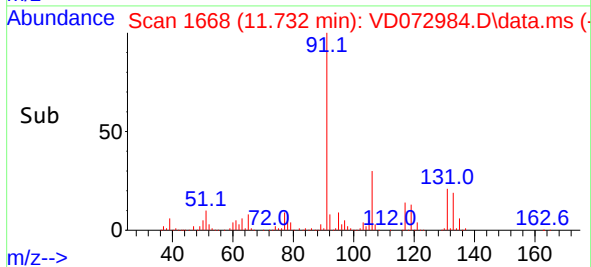
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

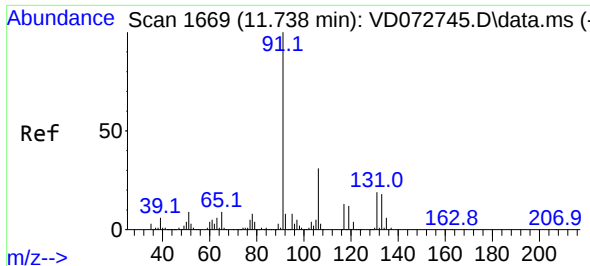


#66
1,1,1,2-Tetrachloroethane
Concen: 47.506 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



Tgt Ion:131 Resp: 193313
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.3
119 63.6 31.9 95.9





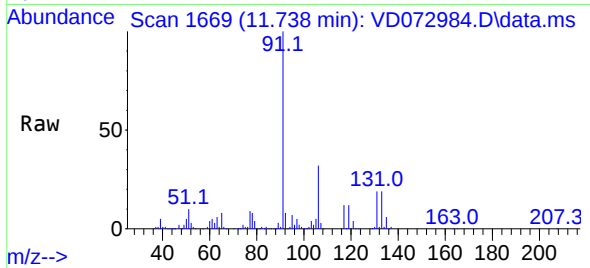
#67
Ethyl Benzene
Concen: 47.997 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

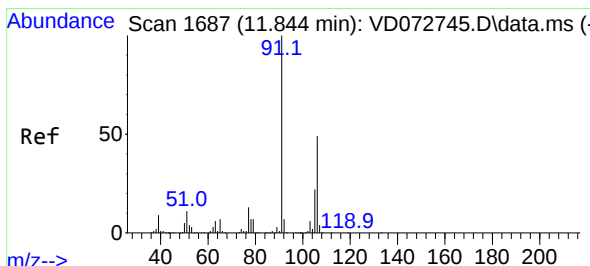
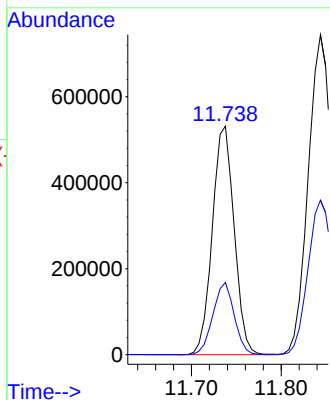
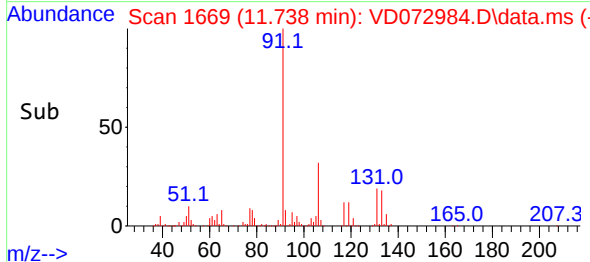


Tgt Ion: 91 Resp: 899412
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4

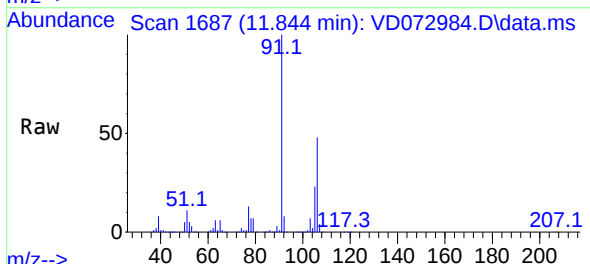
Manual Integrations

APPROVED

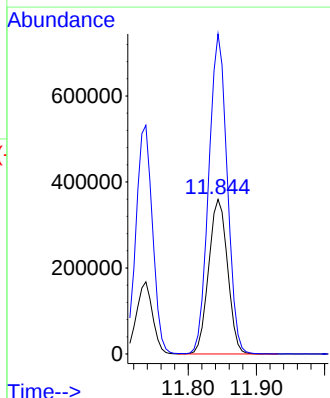
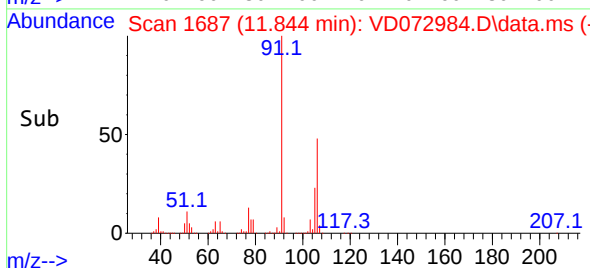
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

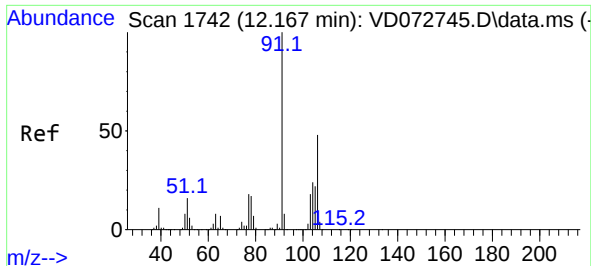


#68
m/p-Xylenes
Concen: 96.052 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



Tgt Ion:106 Resp: 693327
Ion Ratio Lower Upper
106 100
91 201.9 163.7 245.5





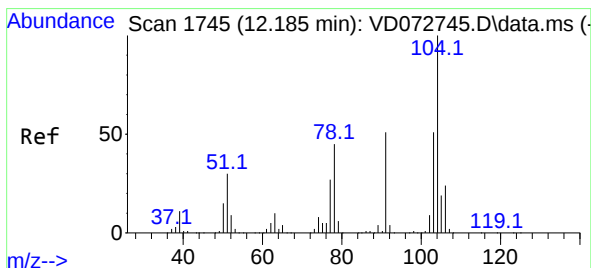
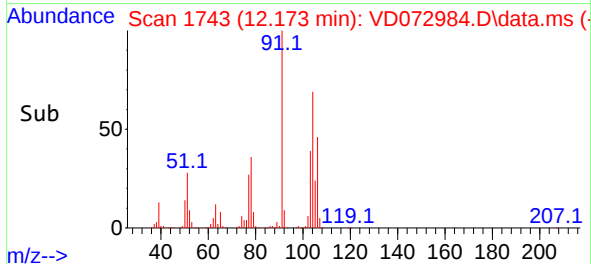
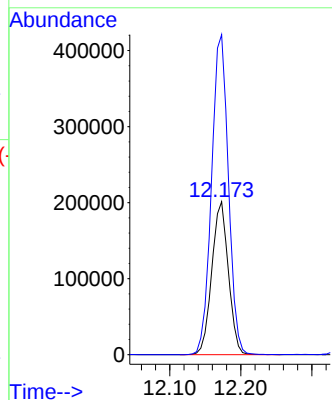
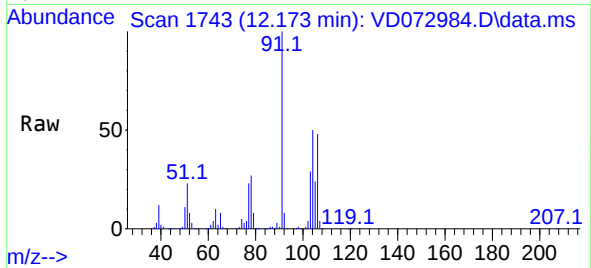
#69
o-Xylene
Concen: 48.226 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 325108
Ion Ratio Lower Upper
106 100
91 213.2 110.4 331.2

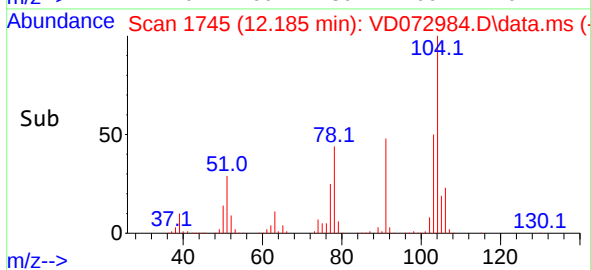
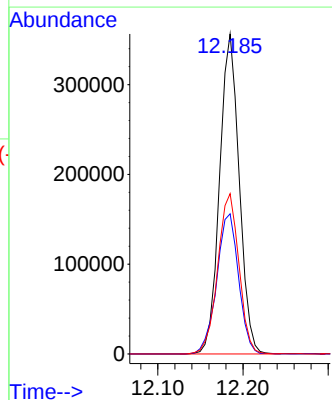
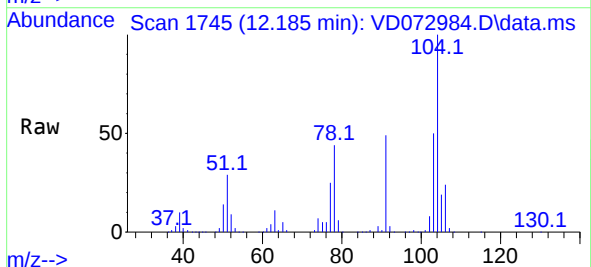
Manual Integrations
APPROVED

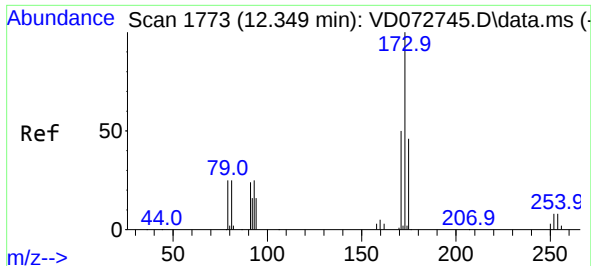
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 48.917 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

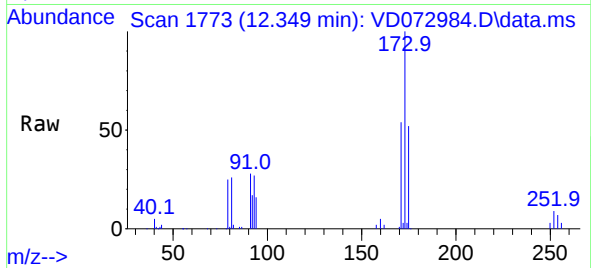
Tgt Ion:104 Resp: 571347
Ion Ratio Lower Upper
104 100
78 48.8 41.8 62.8
103 54.2 44.2 66.4





#71
Bromoform
Concen: 44.370 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

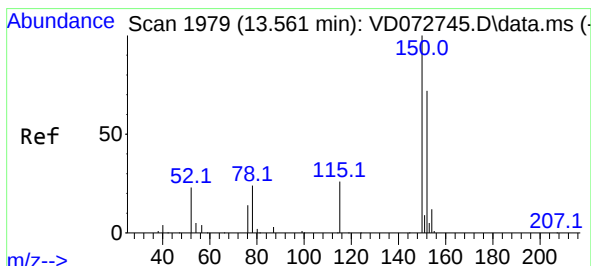
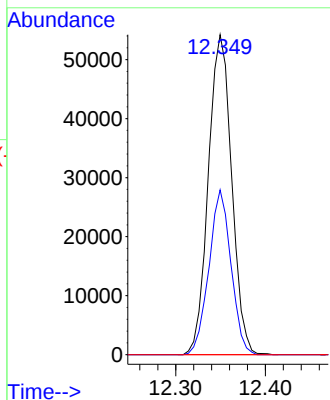
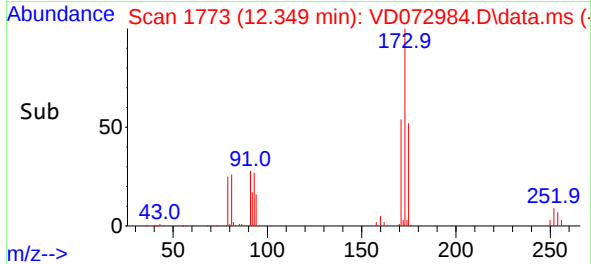
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



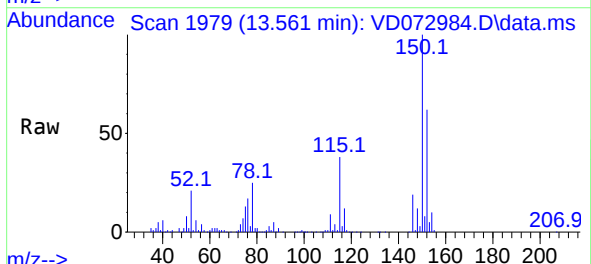
Tgt Ion:173 Resp: 97852
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

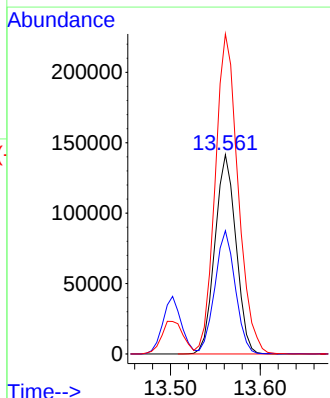
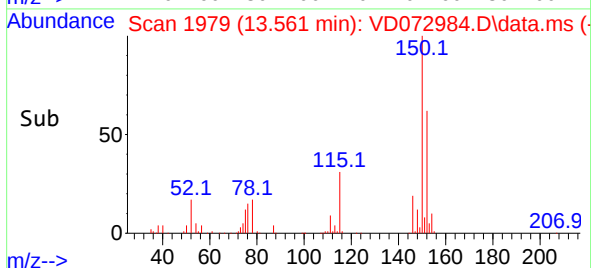
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

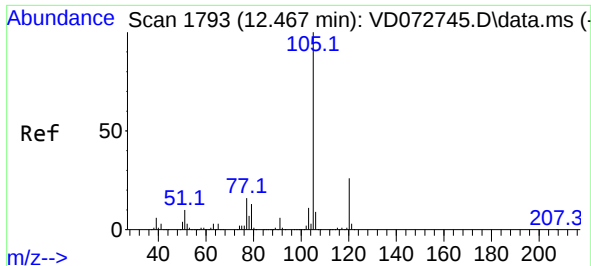


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



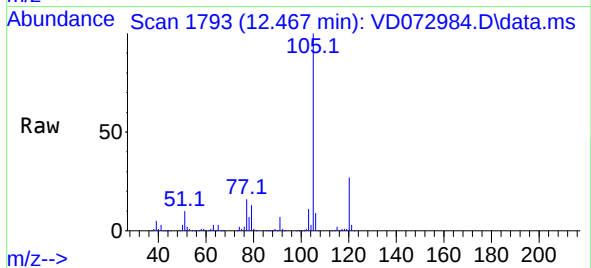
Tgt Ion:152 Resp: 230321
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 174.7 0.0 348.6





#73
Isopropylbenzene
Concen: 47.492 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

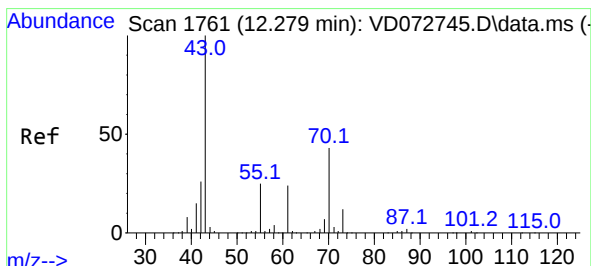
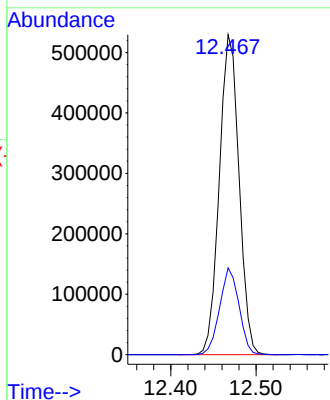
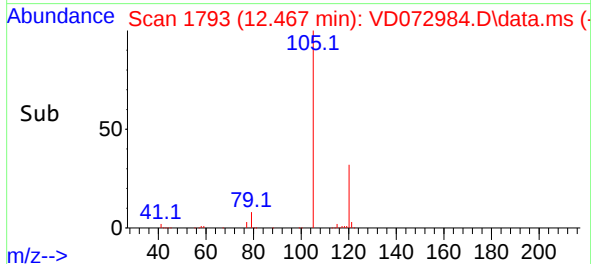
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



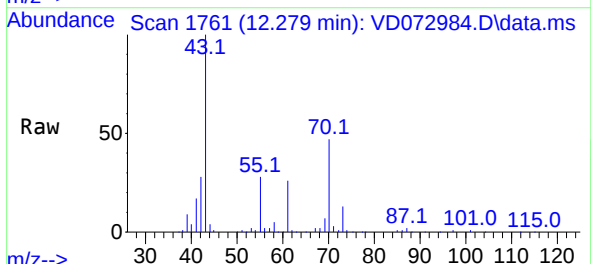
Tgt Ion:105 Resp: 85104
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9

Manual Integrations
APPROVED

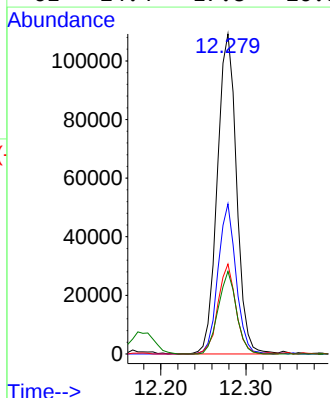
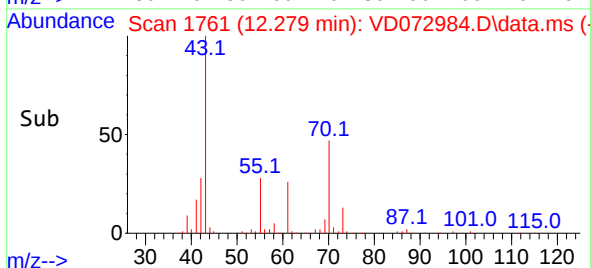
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

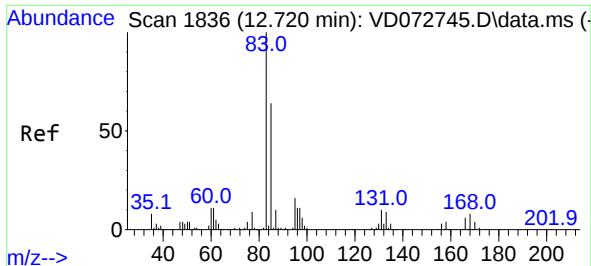


#74
N-ethyl acetate
Concen: 38.489 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



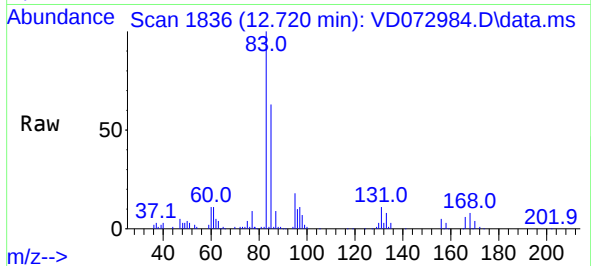
Tgt Ion: 43 Resp: 171759
Ion Ratio Lower Upper
43 100
70 43.7 31.3 46.9
55 26.1 20.0 30.0
61 24.4 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 42.983 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

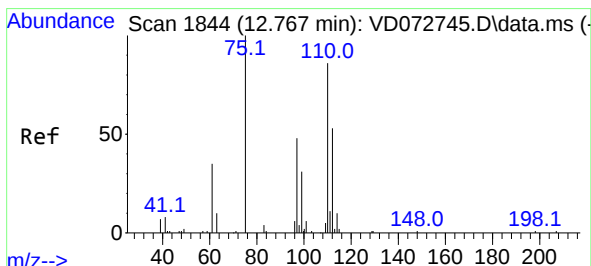
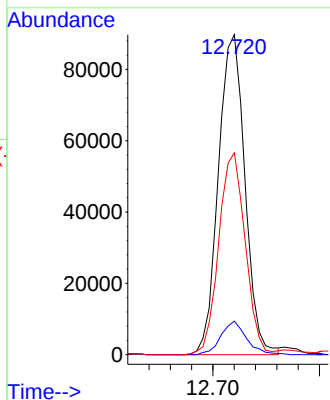
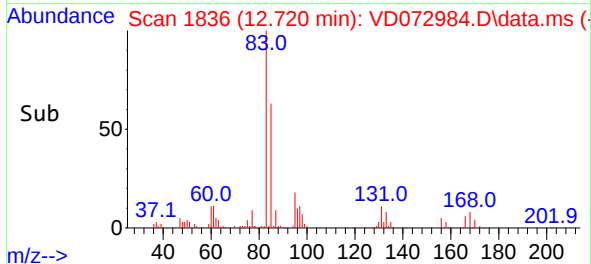
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



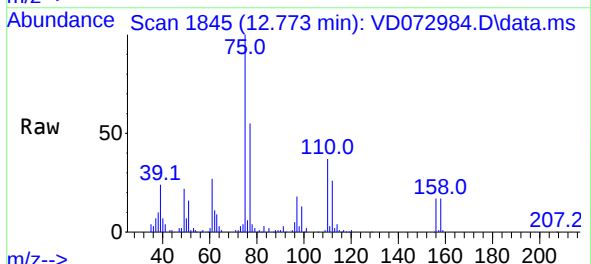
Tgt Ion: 83 Resp: 15548
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 62.7 32.6 98.0

Manual Integrations
APPROVED

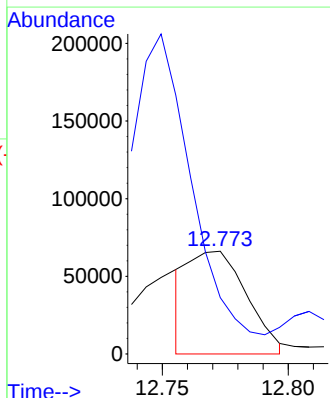
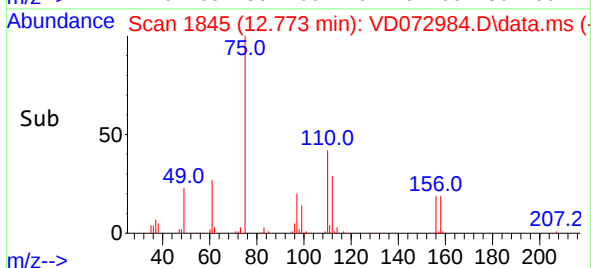
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

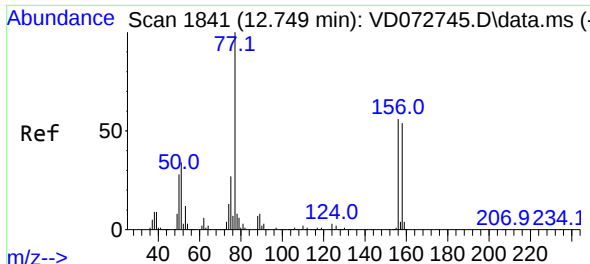


#76
1,2,3-Trichloropropane
Concen: 41.672 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



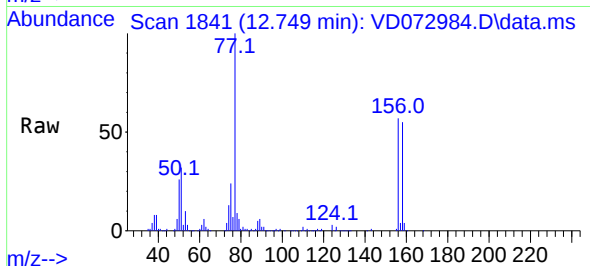
Tgt Ion: 75 Resp: 107024
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 46.193 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

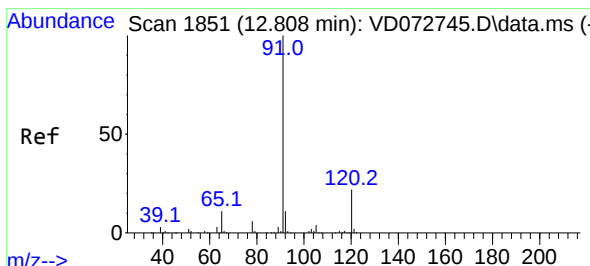
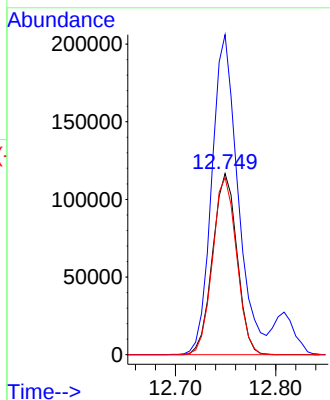
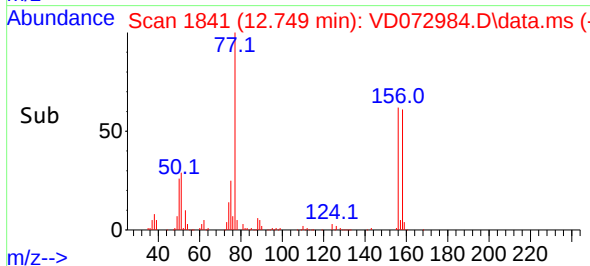
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



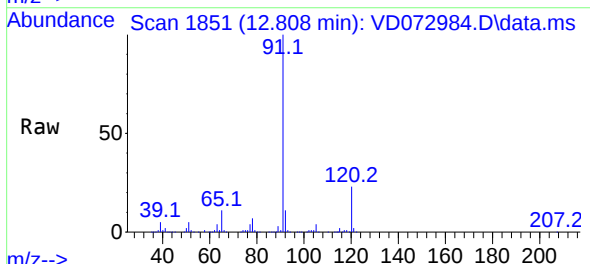
Tgt Ion:156 Resp: 196564
Ion Ratio Lower Upper
156 100
77 190.3 102.8 308.3
158 96.7 48.7 146.1

Manual Integrations
APPROVED

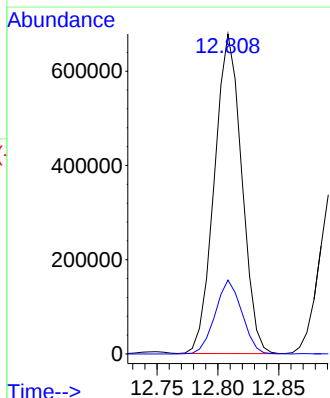
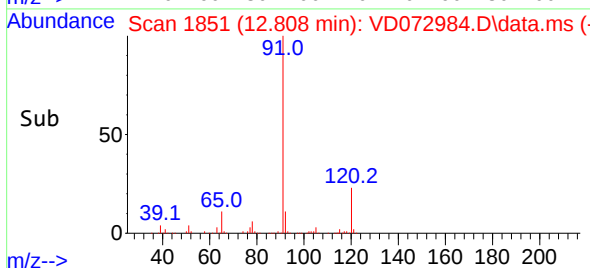
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

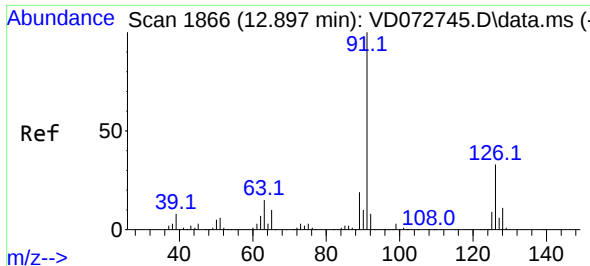


#78
n-propylbenzene
Concen: 46.908 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



Tgt Ion: 91 Resp: 1059408
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





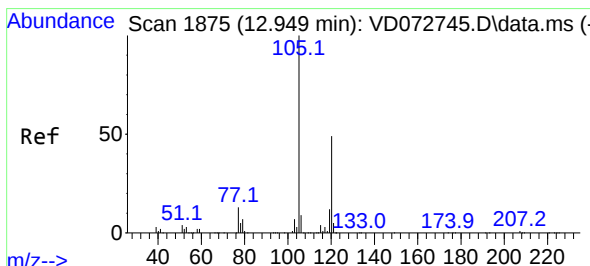
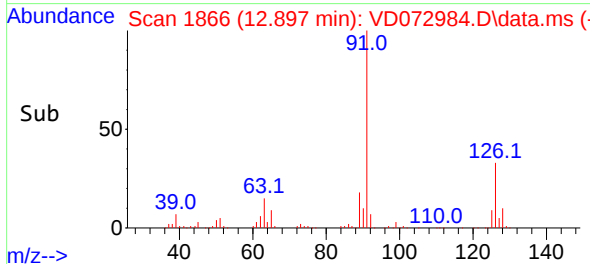
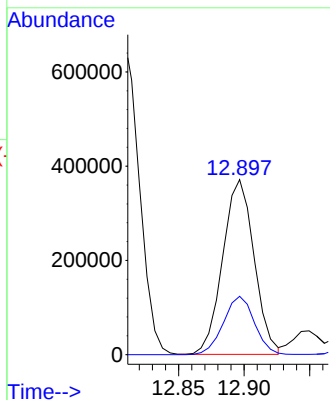
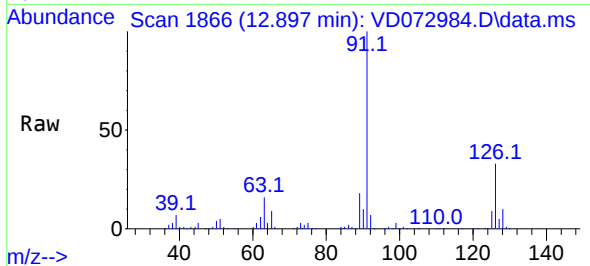
#79
2-Chlorotoluene
Concen: 46.876 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 618435
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6

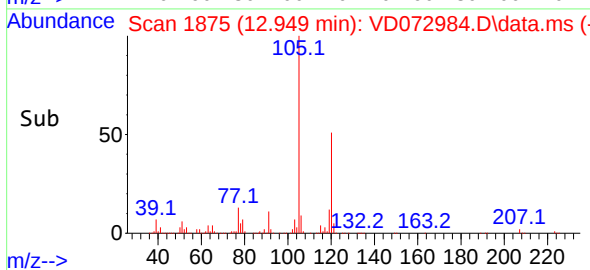
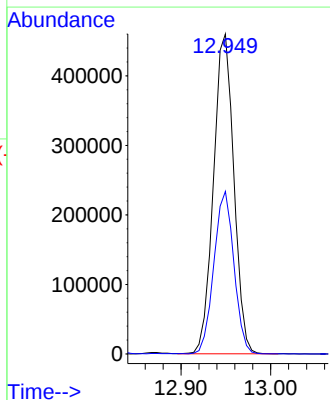
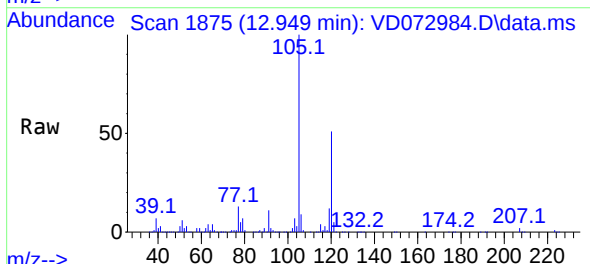
Manual Integrations
APPROVED

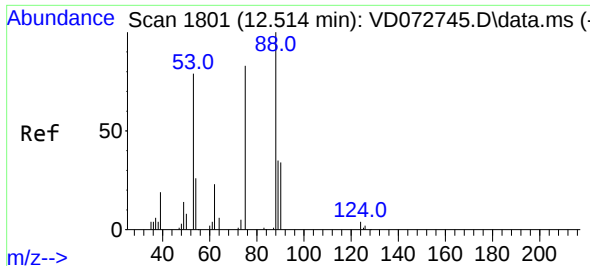
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.677 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Tgt Ion:105 Resp: 724435
Ion Ratio Lower Upper
105 100
120 50.2 24.3 72.8





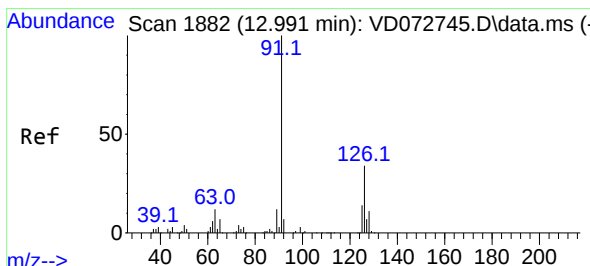
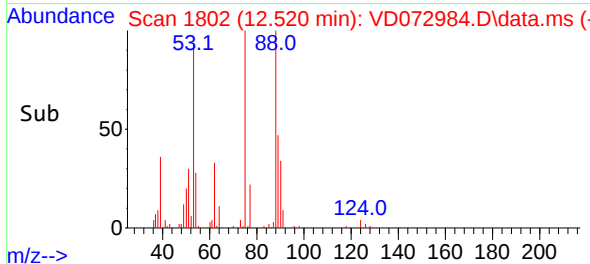
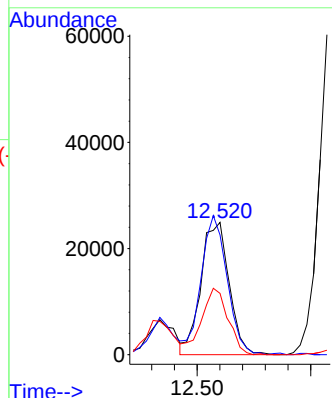
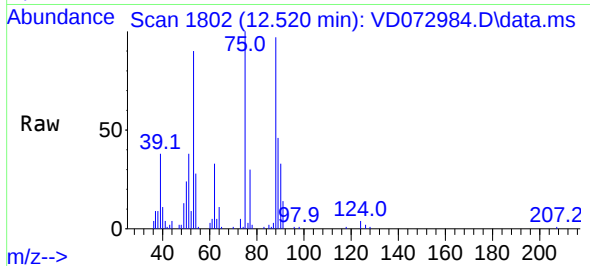
#81
trans-1,4-Dichloro-2-butene
Concen: 38.465 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 42958
Ion Ratio Lower Upper
75 100
53 97.6 86.5 129.7
89 47.6 33.9 50.9

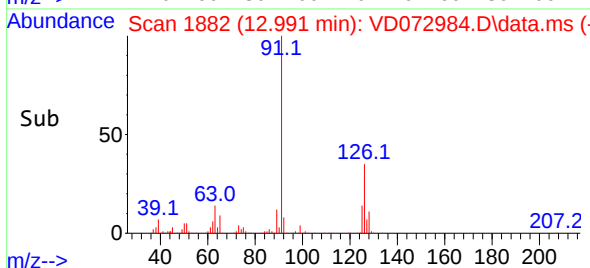
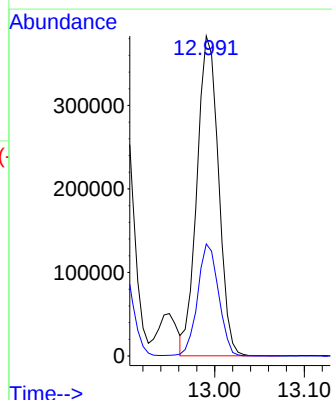
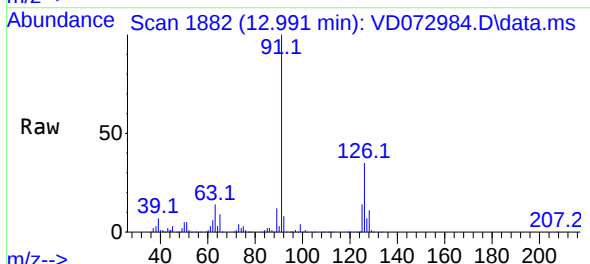
Manual Integrations
APPROVED

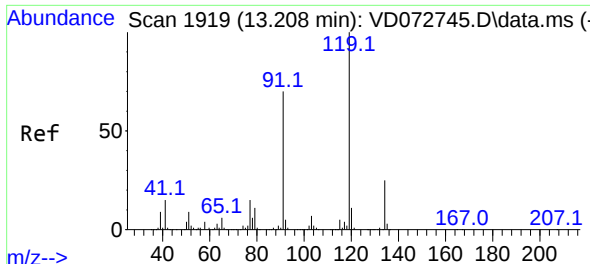
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 46.174 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Tgt Ion: 91 Resp: 636484
Ion Ratio Lower Upper
91 100
126 34.3 16.5 49.5





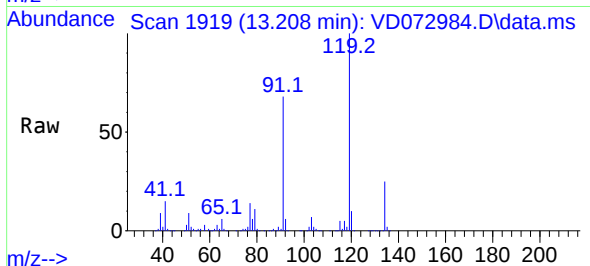
#83
tert-Butylbenzene
Concen: 48.217 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



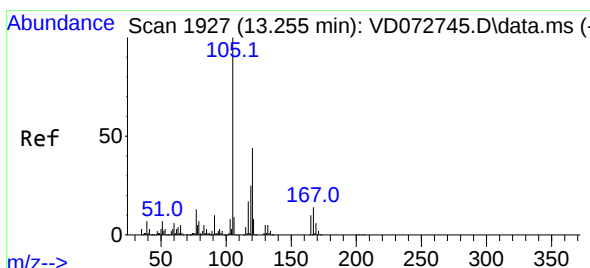
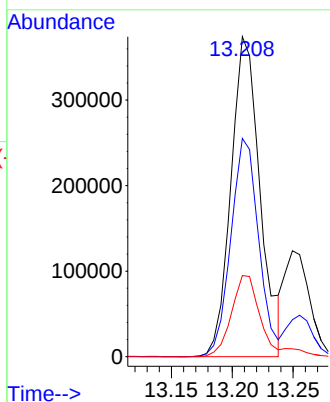
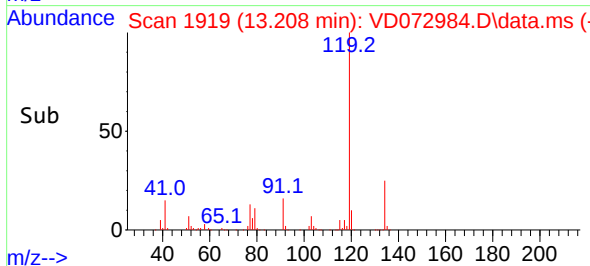
Tgt Ion:119 Resp: 622875
Ion Ratio Lower Upper
119 100
91 65.2 34.8 104.5
134 26.3 13.3 39.9

Manual Integrations

APPROVED

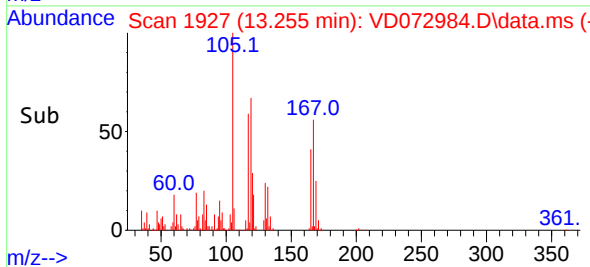
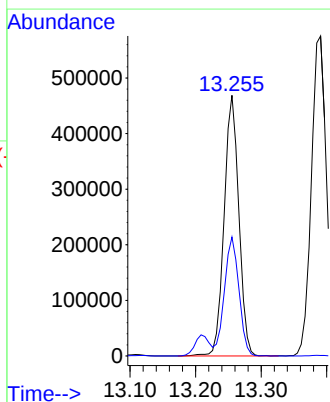
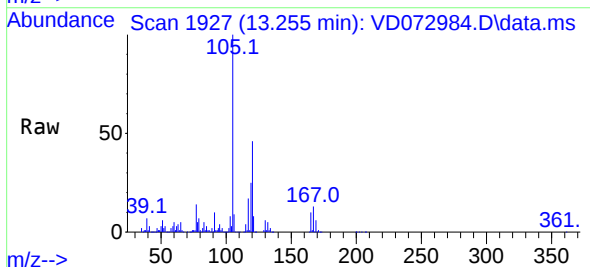
Reviewed By :John Carlone 05/13/2022

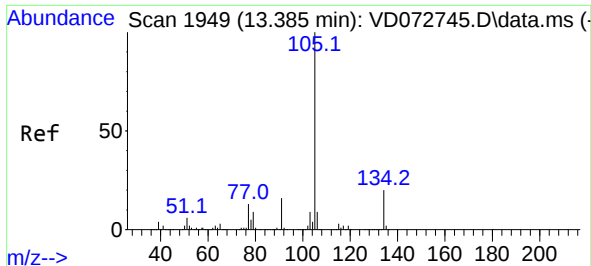
Supervised By :Mahesh Dadoda 05/13/2022



#84
1,2,4-Trimethylbenzene
Concen: 47.958 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Tgt Ion:105 Resp: 728388
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 47.373 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.006 min
 Lab File: VD072984.D
 Acq: 13 May 2022 09:36

Instrument :

MSVOA_D

ClientSampleId :

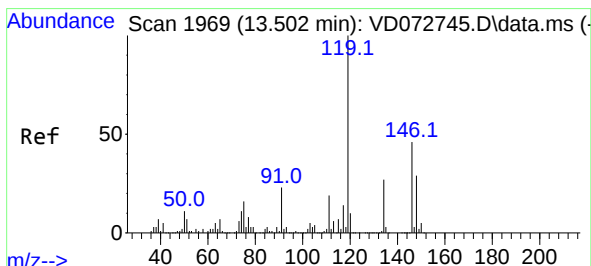
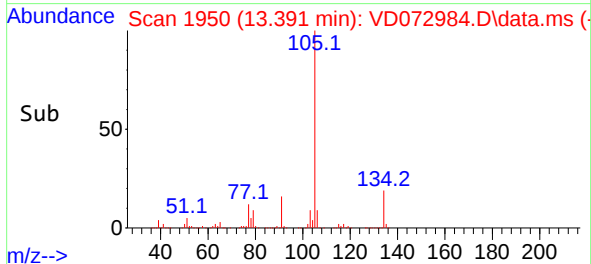
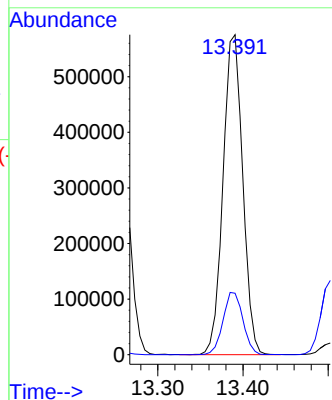
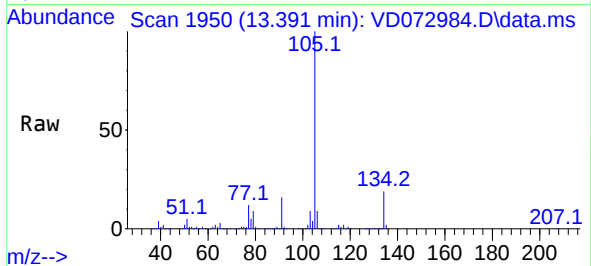
VSTDCCC050EC

Tgt Ion:105 Resp: 922986
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations

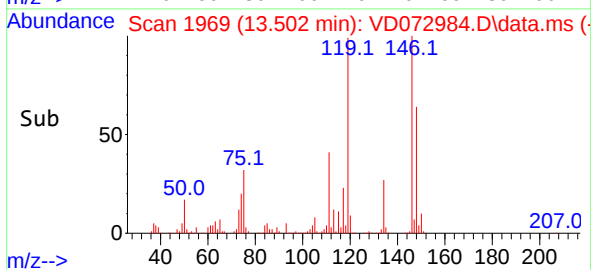
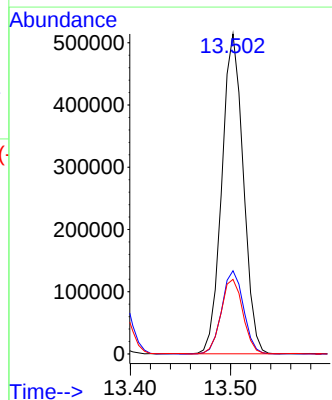
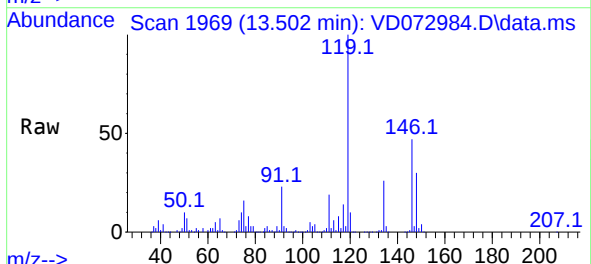
APPROVED

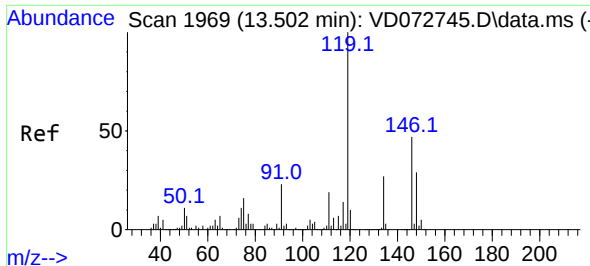
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#86
 p-Isopropyltoluene
 Concen: 47.742 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072984.D
 Acq: 13 May 2022 09:36

Tgt Ion:119 Resp: 762641
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.6
 91 24.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 46.746 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072984.D

Acq: 13 May 2022 09:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

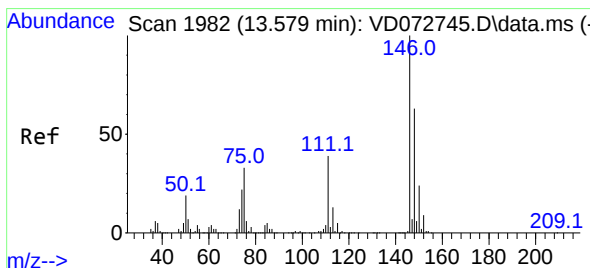
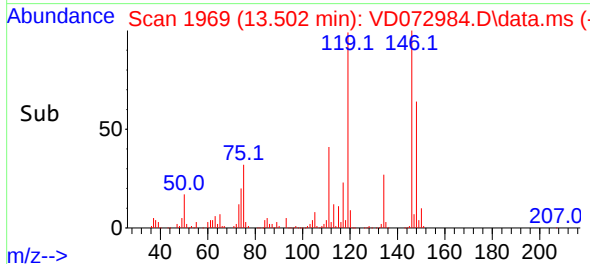
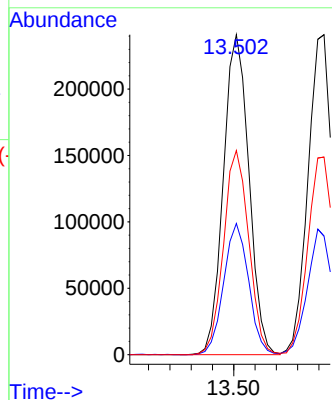
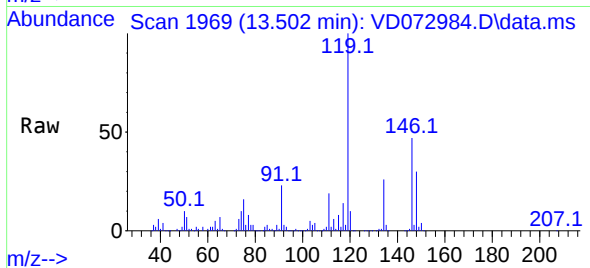
Tgt Ion:146	Resp: 40071
Ion Ratio	Lower Upper
146	100
111	40.1 20.4 61.3
148	63.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#88

1,4-Dichlorobenzene

Concen: 45.794 ug/l

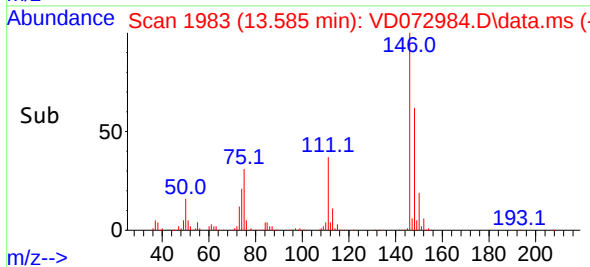
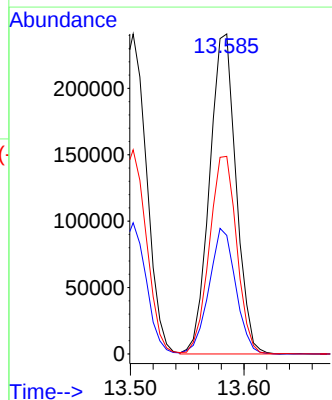
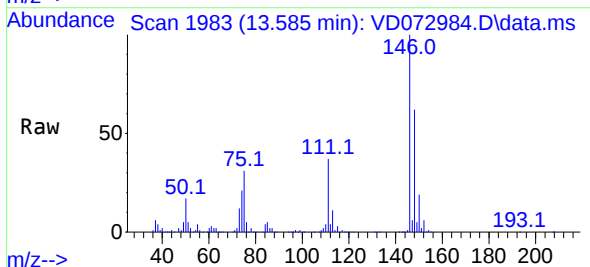
RT: 13.585 min Scan# 1983

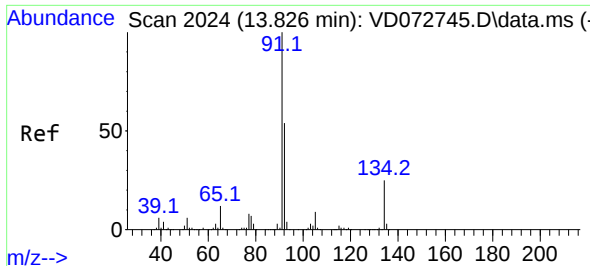
Delta R.T. 0.006 min

Lab File: VD072984.D

Acq: 13 May 2022 09:36

Tgt Ion:146	Resp: 390926
Ion Ratio	Lower Upper
146	100
111	39.5 20.3 60.9
148	63.7 31.7 95.1





#89
n-Butylbenzene
Concen: 46.148 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Instrument :

MSVOA_D

ClientSampleId :

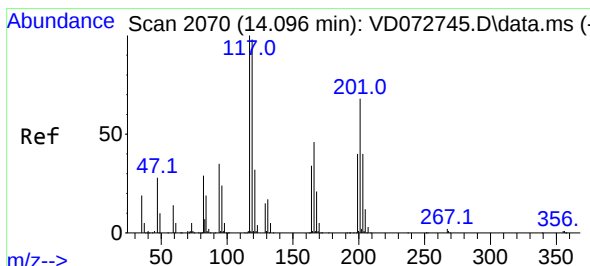
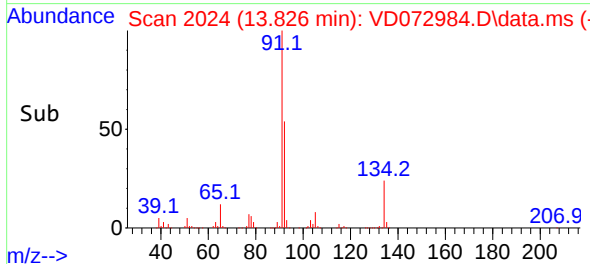
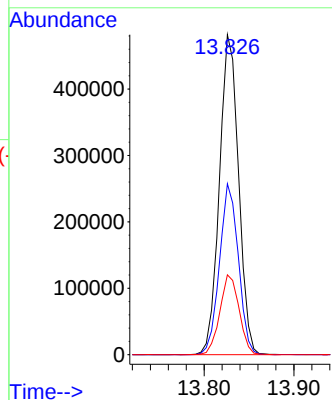
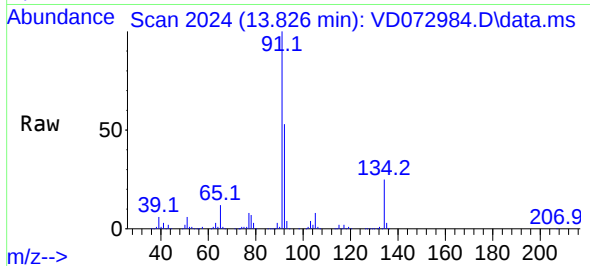
VSTDCCC050EC

Tgt Ion: 91 Resp: 714120
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.8
134 25.1 12.3 36.9

Manual Integrations

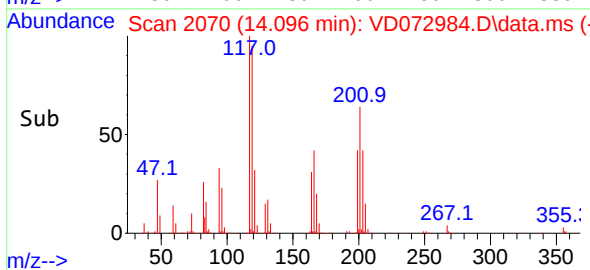
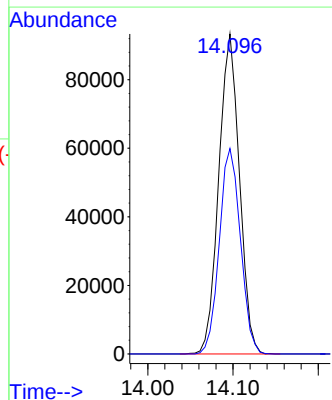
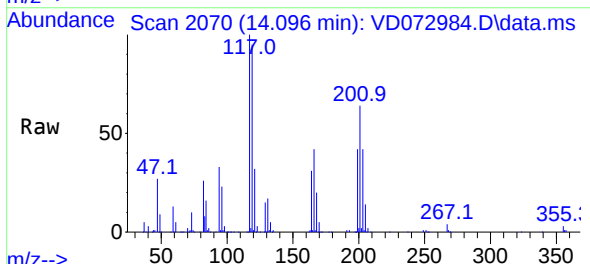
APPROVED

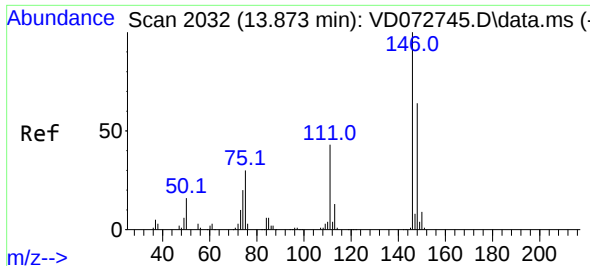
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#90
Hexachloroethane
Concen: 48.101 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Tgt Ion:117 Resp: 157411
Ion Ratio Lower Upper
117 100
201 65.6 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 45.681 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

Instrument :

MSVOA_D

ClientSampleId :

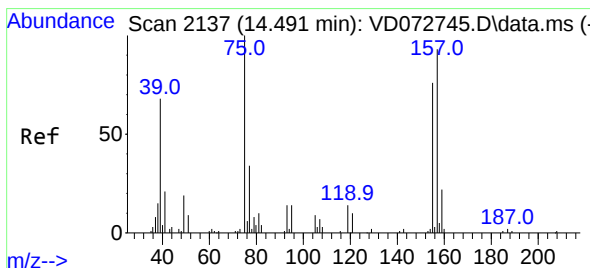
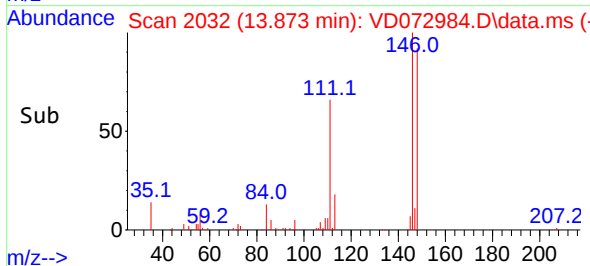
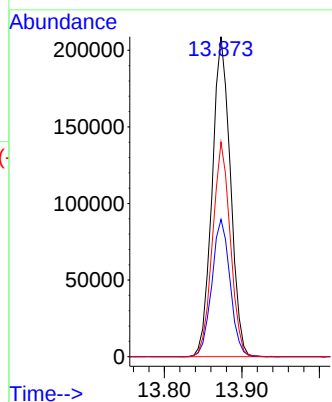
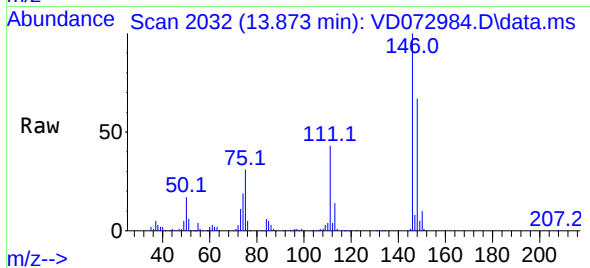
VSTDCCC050EC

Tgt Ion:146 Resp: 341272
Ion Ratio Lower Upper
146 100
111 42.9 21.1 63.3
148 65.2 31.7 95.1

Manual Integrations

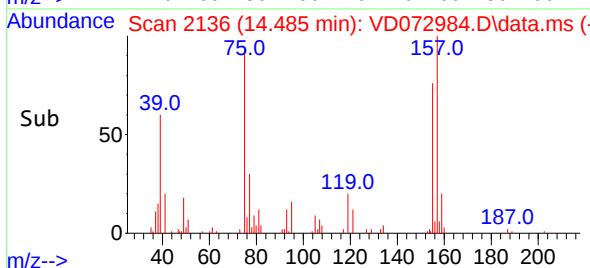
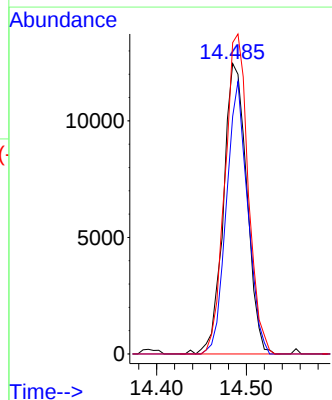
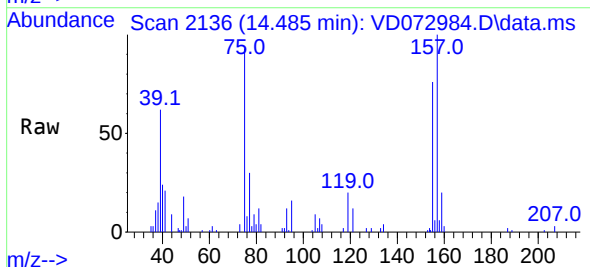
APPROVED

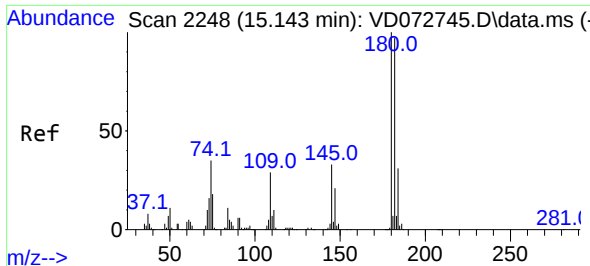
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 39.275 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

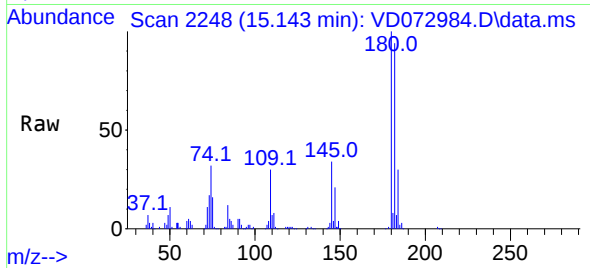
Tgt Ion: 75 Resp: 22521
Ion Ratio Lower Upper
75 100
155 85.4 36.8 110.3
157 109.7 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 44.865 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

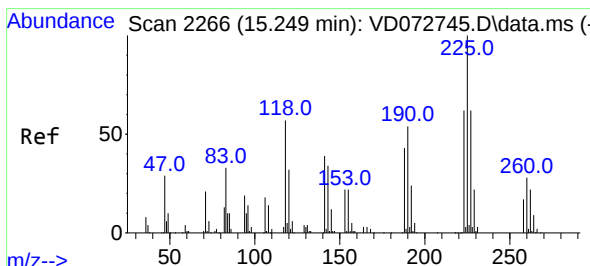
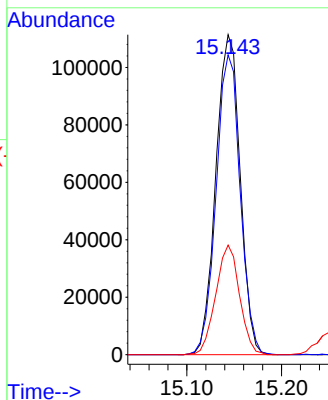
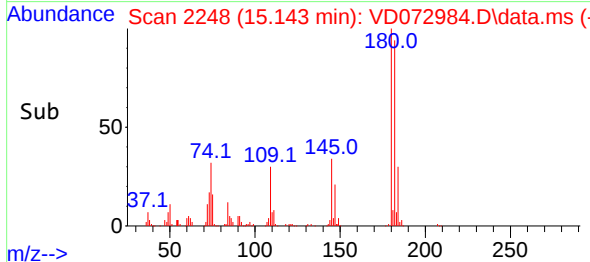
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



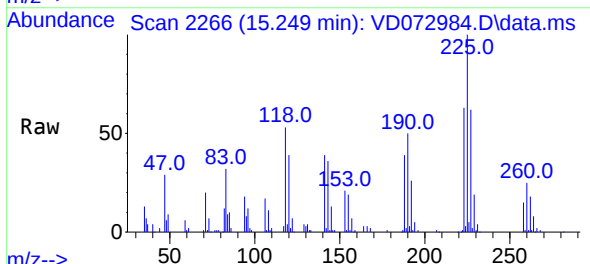
Tgt Ion:180 Resp: 19850
Ion Ratio Lower Upper
180 100
182 93.0 47.3 142.0
145 33.5 16.2 48.5

Manual Integrations
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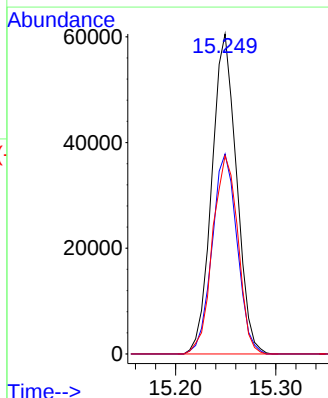
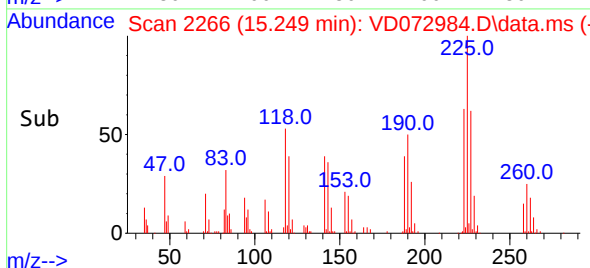
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

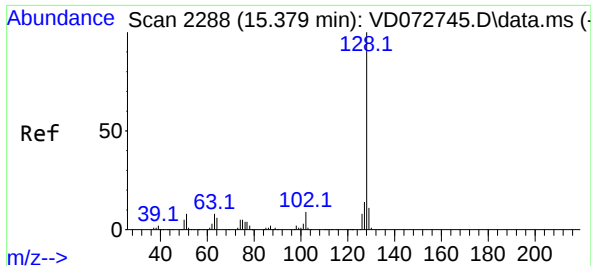


#94
Hexachlorobutadiene
Concen: 42.895 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



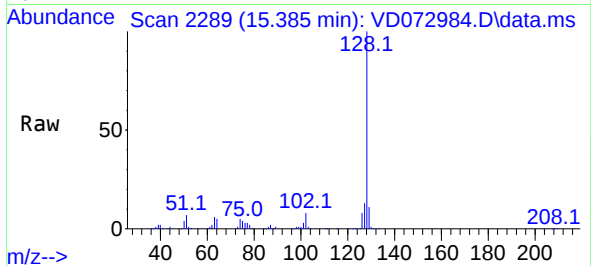
Tgt Ion:225 Resp: 103648
Ion Ratio Lower Upper
225 100
223 63.3 31.1 93.2
227 63.4 32.4 97.0





#95
Naphthalene
Concen: 44.381 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.006 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36

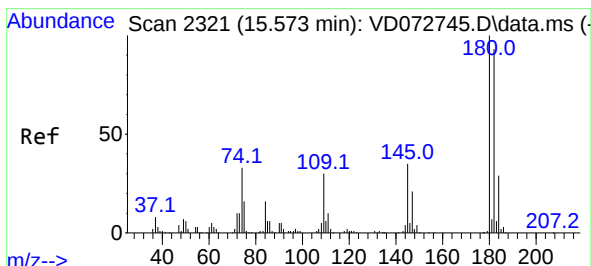
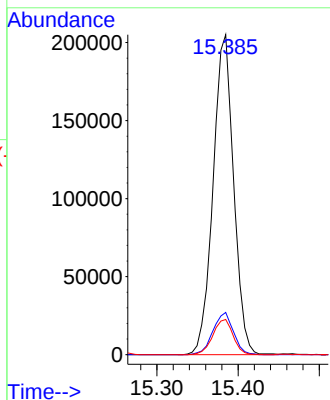
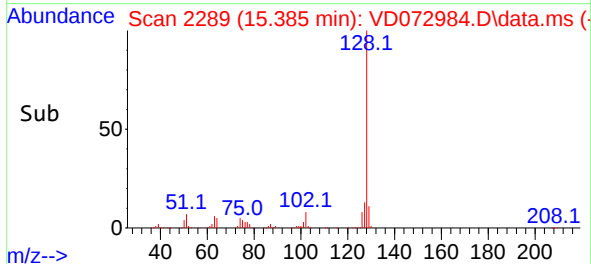
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



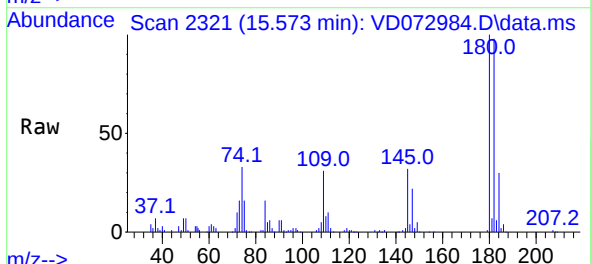
Tgt Ion:128 Resp: 361022
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.161 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD072984.D
Acq: 13 May 2022 09:36



Tgt Ion:180 Resp: 177124
Ion Ratio Lower Upper
180 100
182 95.1 47.6 142.9
145 33.2 17.1 51.3

