

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068426.D
 Acq On : 24 Feb 2021 09:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/25/2021 12:16:40 PM

Quant Time: Feb 25 00:08:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	358985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	617698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	555665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	261524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	194855	53.09	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.18%			
35) Dibromofluoromethane	7.914	113	196258	53.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.06%			
50) Toluene-d8	10.338	98	784349	51.61	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.22%			
62) 4-Bromofluorobenzene	12.632	95	250896	50.68	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.36%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	133479	40.58	ug/l	95
3) Chloromethane	2.209	50	163762	41.81	ug/l	96
4) Vinyl Chloride	2.350	62	199888	42.63	ug/l	96
5) Bromomethane	2.767	94	135387	40.40	ug/l	98
6) Chloroethane	2.926	64	132958	43.42	ug/l	98
7) Trichlorofluoromethane	3.273	101	256801	44.50	ug/l	100
8) Diethyl Ether	3.714	74	77606	45.79	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	160025	45.57	ug/l	93
10) Methyl Iodide	4.303	142	148393	45.00	ug/l	93
11) Tert butyl alcohol	5.226	59	49098	266.85	ug/l	98
12) 1,1-Dichloroethene	4.073	96	152779	44.75	ug/l	99
13) Acrolein	3.920	56	62064	294.99	ug/l	97
14) Allyl chloride	4.714	41	197759	44.55	ug/l	98
15) Acrylonitrile	5.420	53	181815	248.56	ug/l	99
16) Acetone	4.156	43	164385	290.33	ug/l	89
17) Carbon Disulfide	4.408	76	399940	40.45	ug/l	99
18) Methyl Acetate	4.714	43	78413	50.46	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	370190	48.05	ug/l #	91
20) Methylene Chloride	4.967	84	181624	45.91	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	174367	44.13	ug/l	98
22) Diisopropyl ether	6.361	45	457658	46.59	ug/l #	95
23) Vinyl Acetate	6.308	43	1233059	243.10	ug/l	99
24) 1,1-Dichloroethane	6.267	63	304480	45.30	ug/l	99
25) 2-Butanone	7.214	43	206920	261.37	ug/l	99
26) 2,2-Dichloropropane	7.214	77	274537	47.75	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	205932	45.85	ug/l	96
28) Bromochloromethane	7.549	49	150488	53.98	ug/l	80
29) Tetrahydrofuran	7.561	42	127935	249.83	ug/l	98
30) Chloroform	7.714	83	328362	46.97	ug/l	97
31) Cyclohexane	7.985	56	248901	45.41	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	280591	46.45	ug/l	96
36) 1,1-Dichloropropene	8.114	75	245135	44.86	ug/l	96
37) Ethyl Acetate	7.291	43	96032	52.01	ug/l	95
38) Carbon Tetrachloride	8.096	117	238564	45.77	ug/l	95
39) Methylcyclohexane	9.355	83	292339	43.61	ug/l	98
40) Benzene	8.349	78	707456	45.39	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068426.D
 Acq On : 24 Feb 2021 09:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/25/2021 12:16:40 PM

Quant Time: Feb 25 00:08:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	46714	43.95	ug/l	87
42) 1,2-Dichloroethane	8.426	62	196257	47.20	ug/l	99
43) Isopropyl Acetate	8.455	43	181581	51.35	ug/l	96
44) Trichloroethene	9.114	130	197506	46.56	ug/l	100
45) 1,2-Dichloropropane	9.391	63	180223	47.38	ug/l	96
46) Dibromomethane	9.479	93	97397	47.20	ug/l	95
47) Bromodichloromethane	9.661	83	257357	48.11	ug/l	96
48) Methyl methacrylate	9.455	41	89424	50.67	ug/l	94
49) 1,4-Dioxane	9.461	88	24182	1003.17	ug/l	96
51) 4-Methyl-2-Pentanone	10.232	43	465803	256.48	ug/l	100
52) Toluene	10.402	92	463129	46.21	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	238350	48.15	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	278919	46.11	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	140671	49.35	ug/l	93
56) Ethyl methacrylate	10.661	69	168532	49.83	ug/l	96
57) 1,3-Dichloropropane	10.949	76	245009	48.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.943	63	492890	272.18	ug/l	91
59) 2-Hexanone	10.985	43	332505	270.85	ug/l	99
60) Dibromochloromethane	11.137	129	171074	48.37	ug/l	98
61) 1,2-Dibromoethane	11.249	107	132561	48.12	ug/l	100
64) Tetrachloroethene	10.879	164	155134	45.37	ug/l	97
65) Chlorobenzene	11.673	112	495056	46.34	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.743	131	179114	48.05	ug/l	98
67) Ethyl Benzene	11.743	91	890740	46.50	ug/l	99
68) m/p-Xylenes	11.855	106	678504	93.72	ug/l	100
69) o-Xylene	12.179	106	318074	47.89	ug/l	94
70) Styrene	12.196	104	552031	47.78	ug/l	99
71) Bromoform	12.361	173	95306	49.76	ug/l #	99
73) Isopropylbenzene	12.479	105	869254	45.50	ug/l	100
74) N-amyl acetate	12.290	43	171414	50.82	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	159838	48.28	ug/l	98
76) 1,2,3-Trichloropropane	12.784	75	116885m	46.97	ug/l	
77) Bromobenzene	12.761	156	196096	45.95	ug/l	90
78) n-propylbenzene	12.820	91	1033771	45.21	ug/l	98
79) 2-Chlorotoluene	12.908	91	572414	45.20	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	709640	45.46	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	49642	50.00	ug/l	96
82) 4-Chlorotoluene	13.002	91	600071	44.82	ug/l	98
83) tert-Butylbenzene	13.220	119	614508	45.38	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	706863	45.45	ug/l	98
85) sec-Butylbenzene	13.402	105	866091	45.73	ug/l	98
86) p-Isopropyltoluene	13.514	119	798899	46.99	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	377076	45.67	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	371537	45.23	ug/l	99
89) n-Butylbenzene	13.843	91	758274	45.70	ug/l	98
90) Hexachloroethane	14.108	117	144892	46.94	ug/l	90
91) 1,2-Dichlorobenzene	13.884	146	326183	45.56	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	24455	50.52	ug/l	89
93) 1,2,4-Trichlorobenzene	15.161	180	223147	47.59	ug/l	99
94) Hexachlorobutadiene	15.267	225	119943	46.51	ug/l	99
95) Naphthalene	15.396	128	430076	49.34	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	191359	46.79	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
Data File : VD068426.D
Acq On : 24 Feb 2021 09:41
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM

Quant Time: Feb 25 00:08:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

MMDadoda
2/25/2021 12:16:40 PM

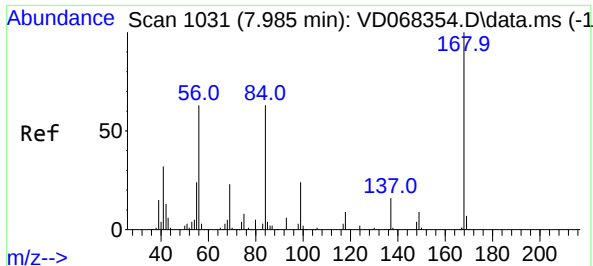
Abundance

TIC: VD068426.D\data.ms

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

Chlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Acetone, T
1,1,2,2-Tetrachloroethane, T
Methyl iodide, T
Carbon Disulfide, T
Methyl chloride, T
Methylene chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
Methyl 1,2-Dichloroethane, T
1,1-Dichloroethane, T
Isopropyl acetate, T
Ethyl acetate, T
Methacrylonitrile, T
Acrylonitrile, T
Chloroform, C
1,2-Dichloroethane, T
1,1,1-Trichloroethane, T
1,2-Dichloroethane, T
Isopropyl acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
Methylcyclohexane, T
Bromodichloromethane, T
2-Chloroethyl Vinyl ether, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Toluene, S
Ethyl methyl 2-Methylpropene, T
1,2-Trichloroethane, T
1,3-Dichloropropene, T
Hexanone, T
Dibromochloromethane, T
1,2-Dibromobenzene, I
Chlorobenzene, T
Ethyl 2-bromochloroacetate, T
n-Propylbenzene, T
Isopropylbenzene, T
Styrene, T
4-Bromofluorobenzene, S
Bromobenzene, T
1,2,3-Trichlorobenzene, T
1,2,4-Trichlorobenzene, T
1,3,5-Trichlorobenzene, T
2-Chlorotoluene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2-Dibromobenzene, T
Naphthalene, T
Hexachlorobutadiene, T
2,4-Dichlorobenzene, T
1,2,3-Trichlorobenzene, T



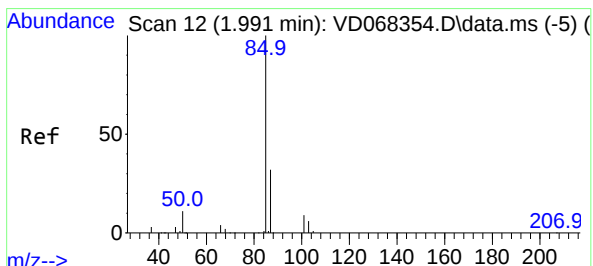
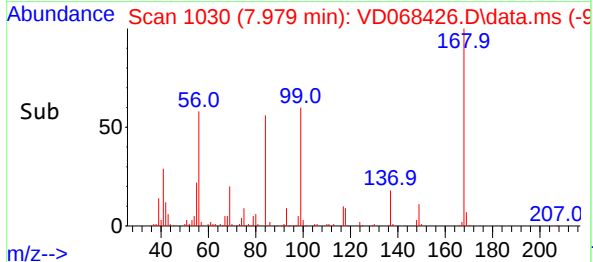
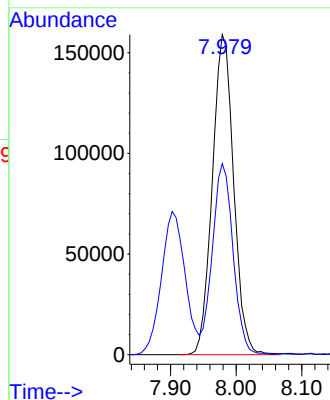
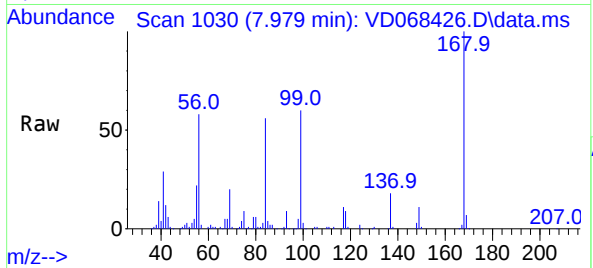
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 168 Resp: 358985
Ion Ratio Lower Upper
168 100
99 59.3 43.5 65.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

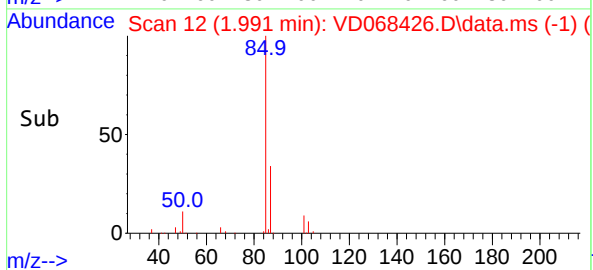
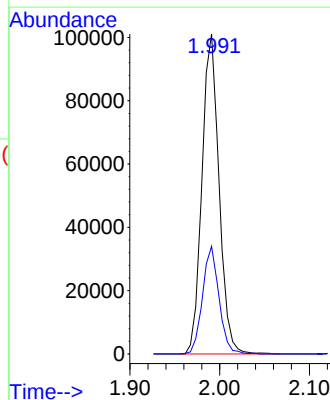
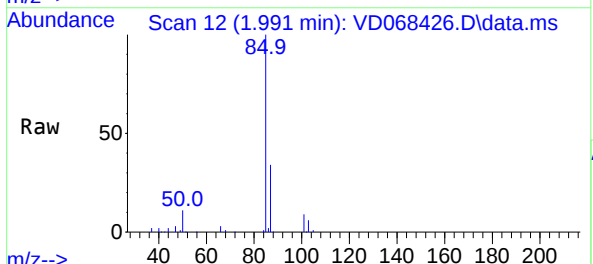
Manual Integrations
APPROVED

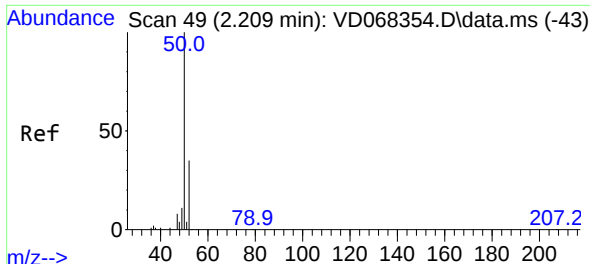
MMDadoda
2/25/2021 12:16:40 PM



#2
Dichlorodifluoromethane
Concen: 40.58 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

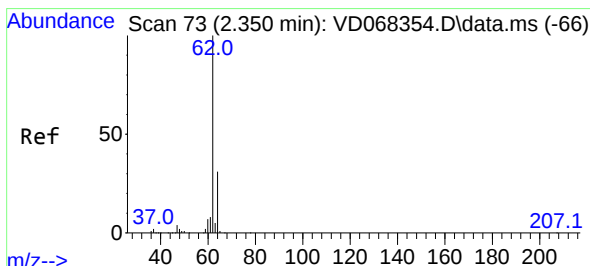
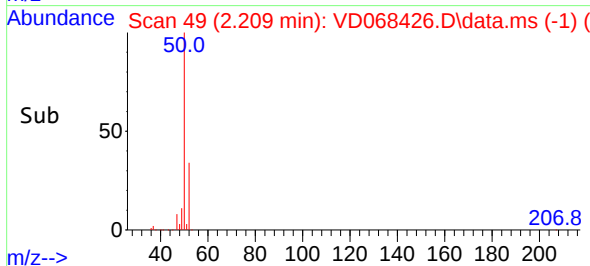
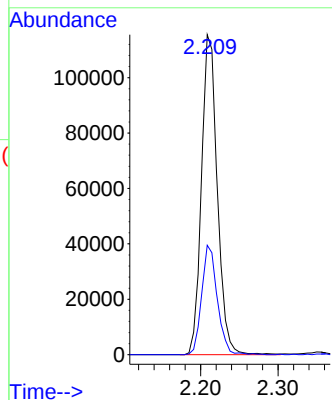
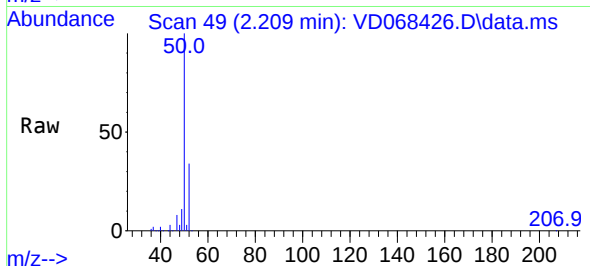
Tgt Ion: 85 Resp: 133479
Ion Ratio Lower Upper
85 100
87 33.7 15.4 46.1





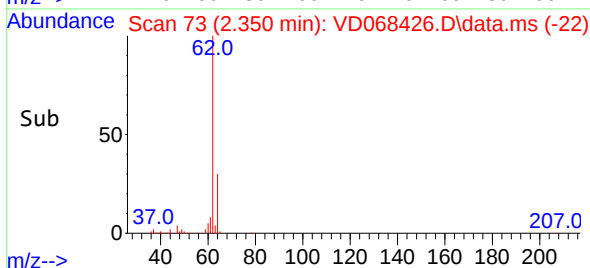
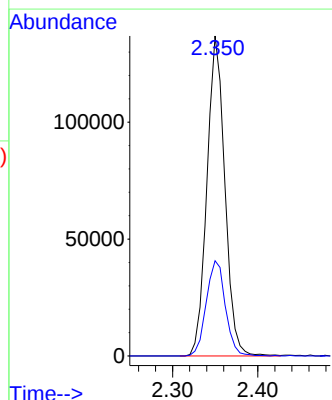
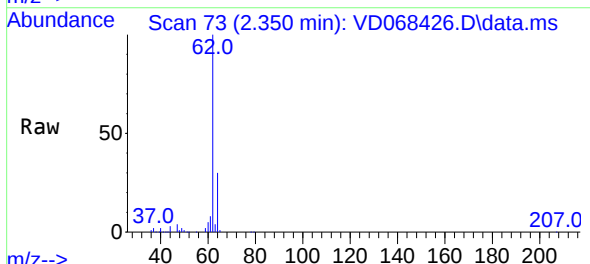
#3
Chloromethane
Concen: 41.81 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 50 Resp: 163762
Ion Ratio Lower Upper
50 100
52 34.2 25.4 38.2



#4
Vinyl Chloride
Concen: 42.63 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

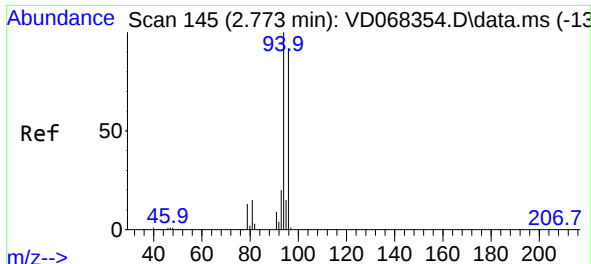
Tgt Ion: 62 Resp: 199888
Ion Ratio Lower Upper
62 100
64 29.8 25.4 38.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

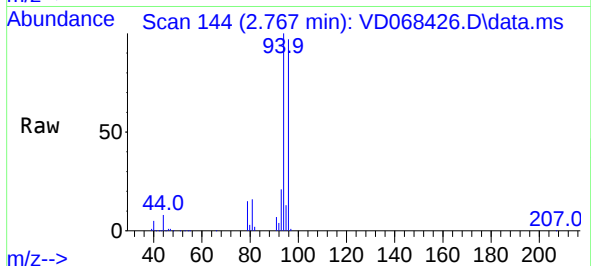
Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM



#5
Bromomethane
Concen: 40.40 ug/l
RT: 2.767 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

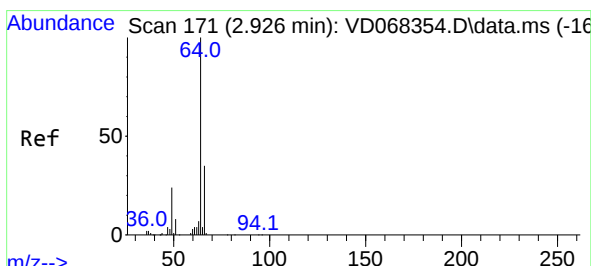
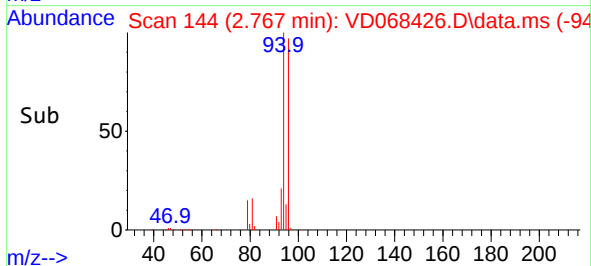
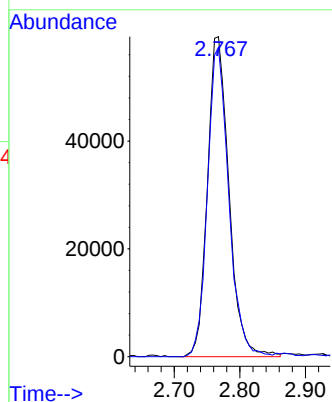
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 135387
Ion Ratio Lower Upper
94 100
96 96.7 75.8 113.8

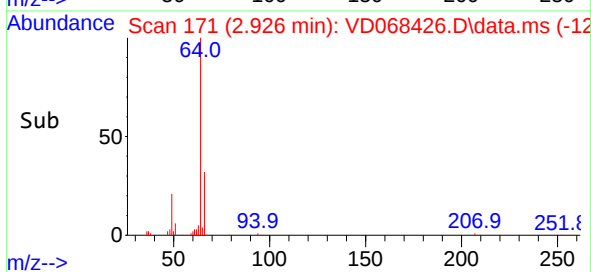
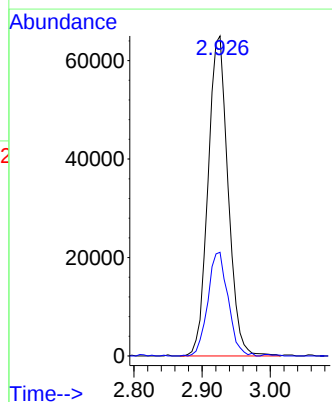
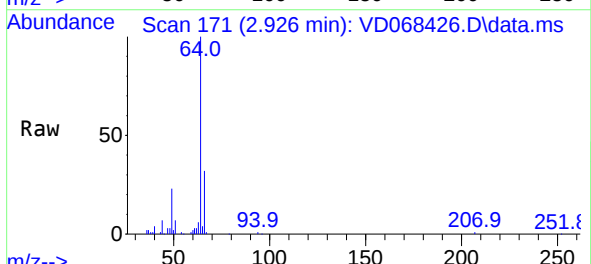
Manual Integrations
APPROVED

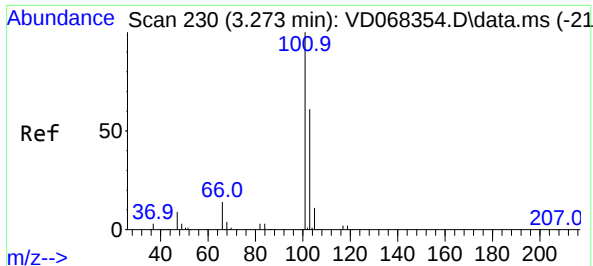
MMDadoda
2/25/2021 12:16:40 PM



#6
Chloroethane
Concen: 43.42 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

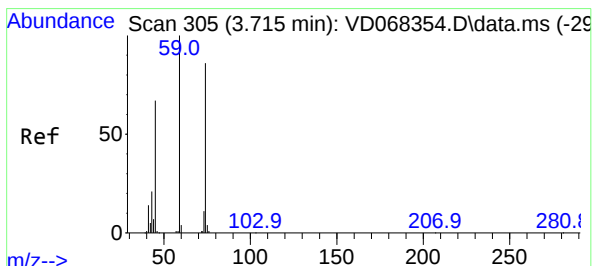
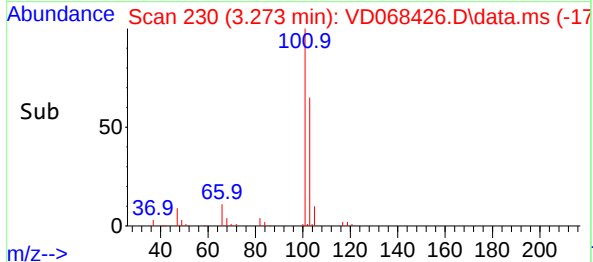
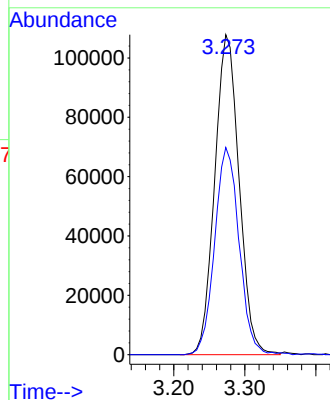
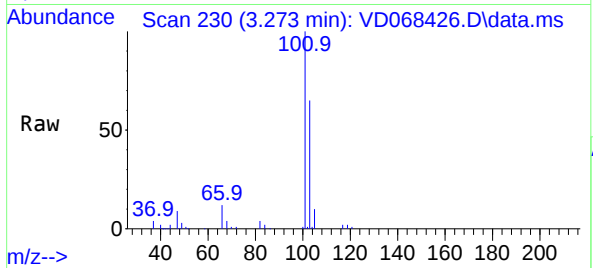
Tgt Ion: 64 Resp: 132958
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





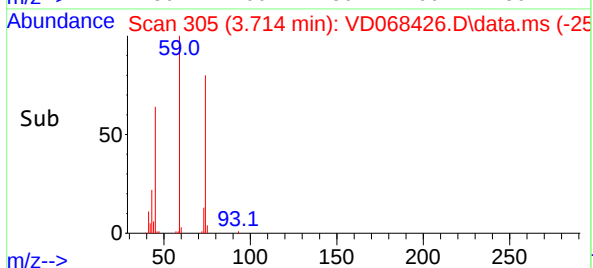
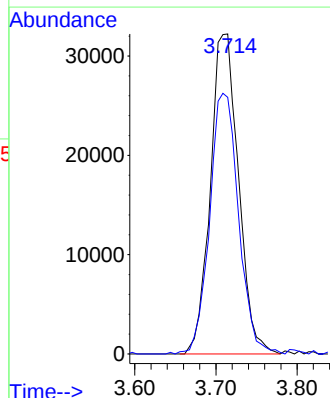
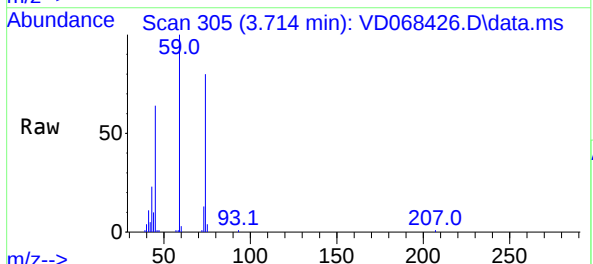
#7
Trichlorofluoromethane
Concen: 44.50 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion:101 Resp: 256801
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0



#8
Diethyl Ether
Concen: 45.79 ug/l
RT: 3.714 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

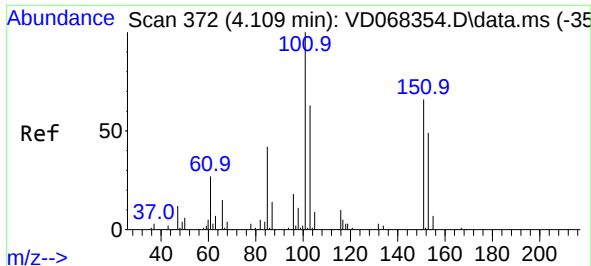
Tgt Ion: 74 Resp: 77606
Ion Ratio Lower Upper
74 100
45 83.6 42.1 126.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM



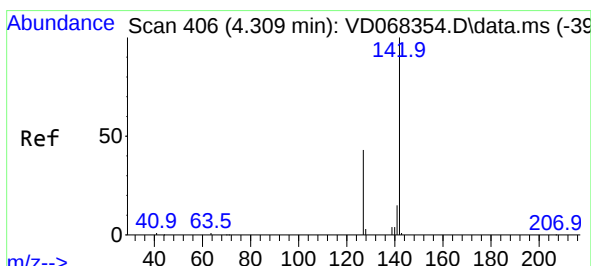
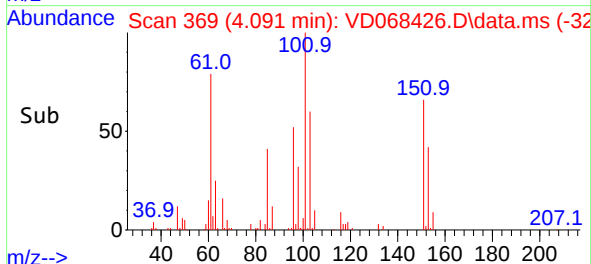
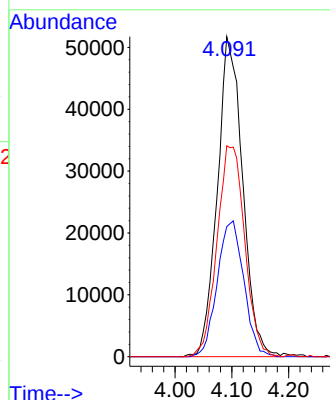
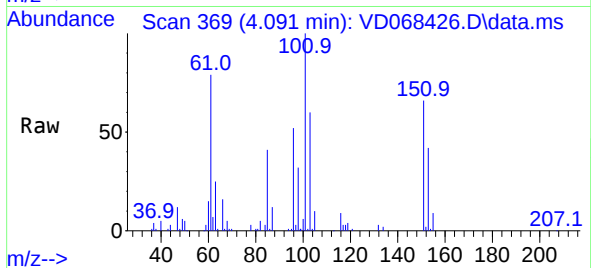
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.57 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.018 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion:101 Resp: 160025
Ion Ratio Lower Upper
101 100
85 44.5 34.0 51.0
151 72.1 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

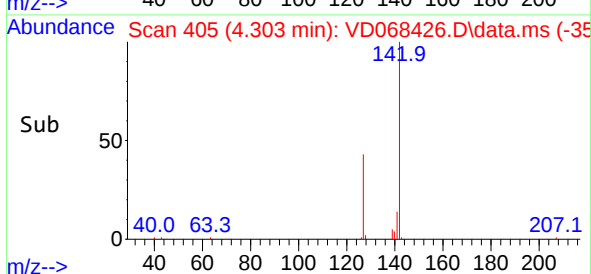
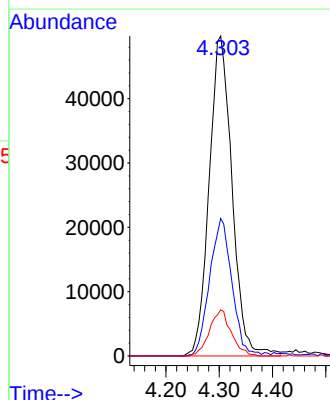
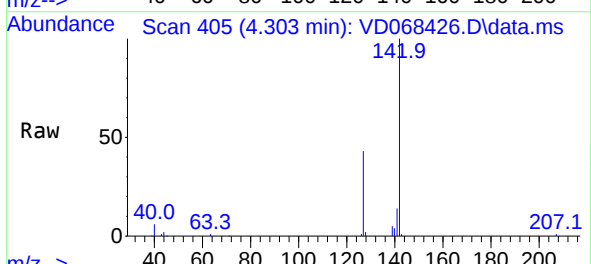
Manual Integrations
APPROVED

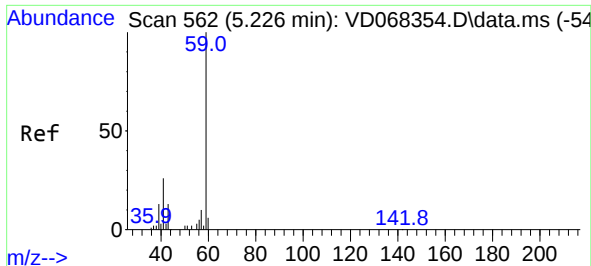
MMDadoda
2/25/2021 12:16:40 PM



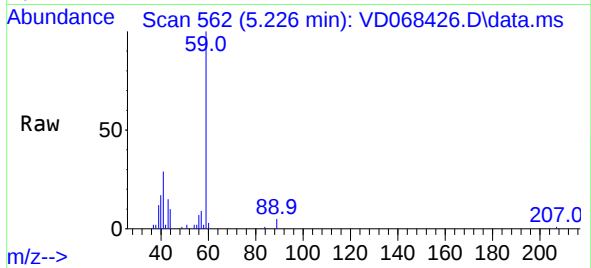
#10
Methyl Iodide
Concen: 45.00 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion:142 Resp: 148393
Ion Ratio Lower Upper
142 100
127 41.8 37.9 56.9
141 13.7 11.5 17.3

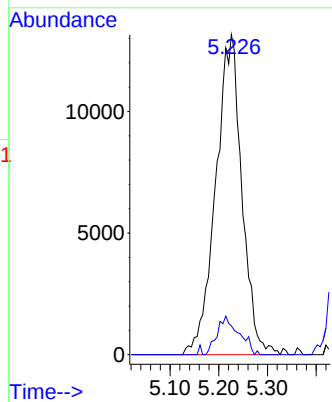
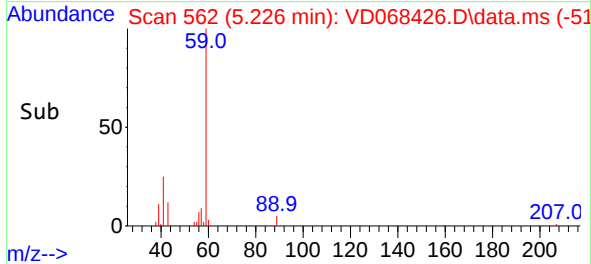




#11
Tert butyl alcohol
Concen: 266.85 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



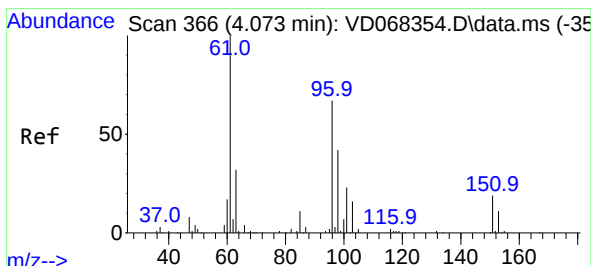
Tgt Ion: 59 Resp: 49098
Ion Ratio Lower Upper
59 100
57 10.0 7.4 11.2



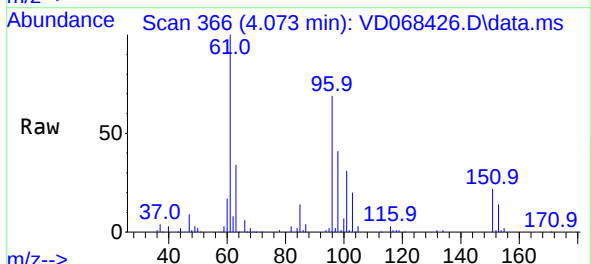
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

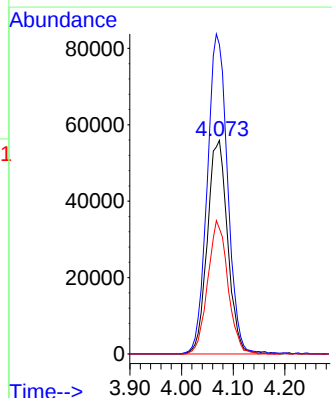
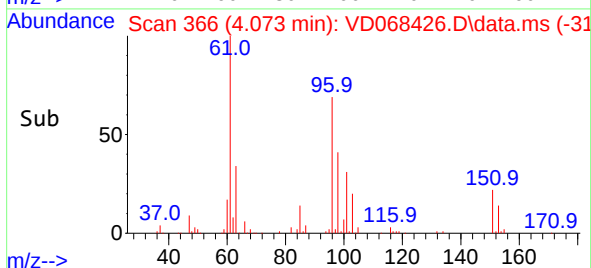
MMDadoda
2/25/2021 12:16:40 PM

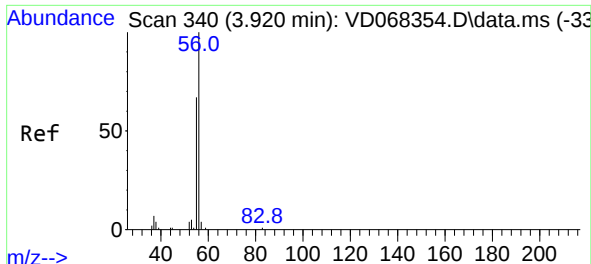


#12
1,1-Dichloroethene
Concen: 44.75 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



Tgt Ion: 96 Resp: 152779
Ion Ratio Lower Upper
96 100
61 144.9 116.2 174.4
98 58.7 48.6 73.0





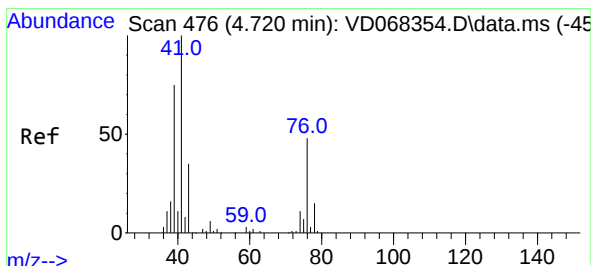
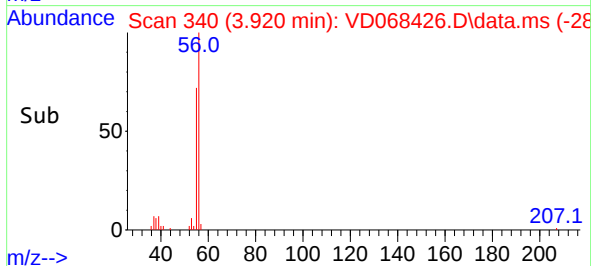
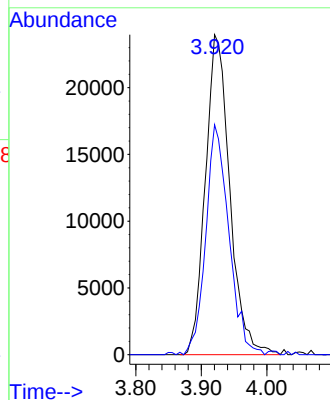
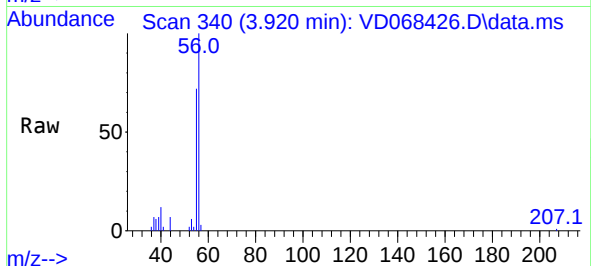
#13
Acrolein
Concen: 294.99 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 56 Resp: 62064
Ion Ratio Lower Upper
56 100
55 67.9 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

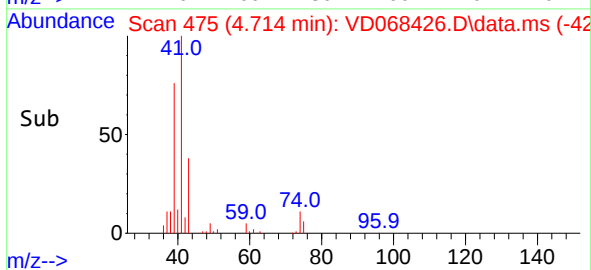
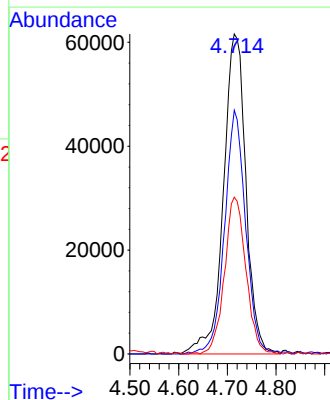
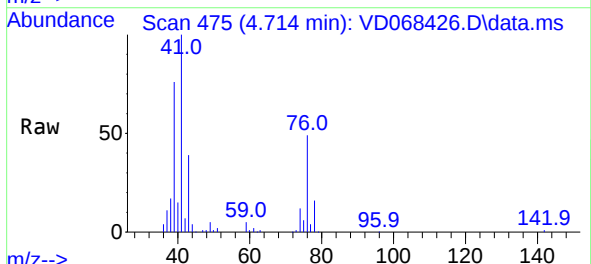
Manual Integrations
APPROVED

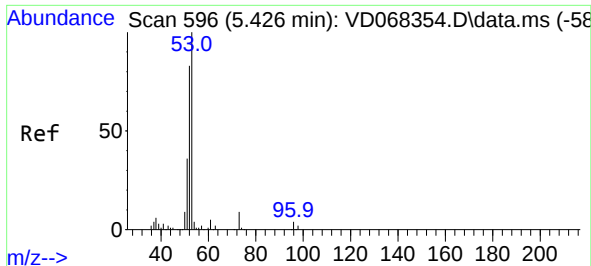
MMDadoda
2/25/2021 12:16:40 PM



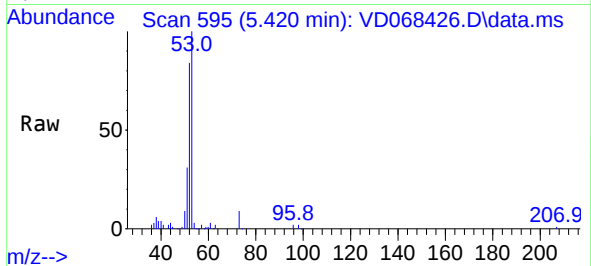
#14
Allyl chloride
Concen: 44.55 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 41 Resp: 197759
Ion Ratio Lower Upper
41 100
39 71.2 56.3 84.5
76 46.7 38.9 58.3

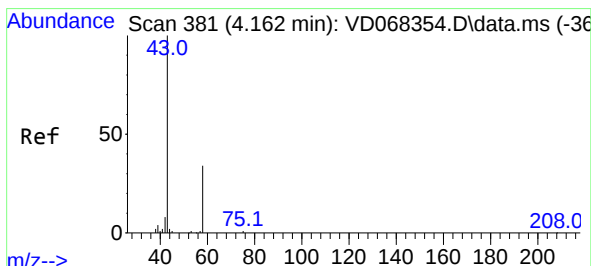
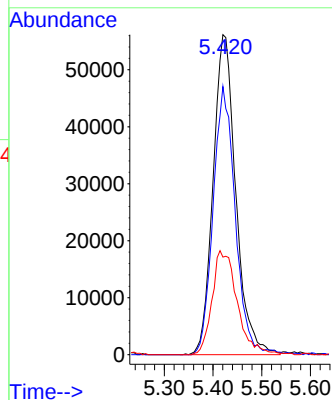
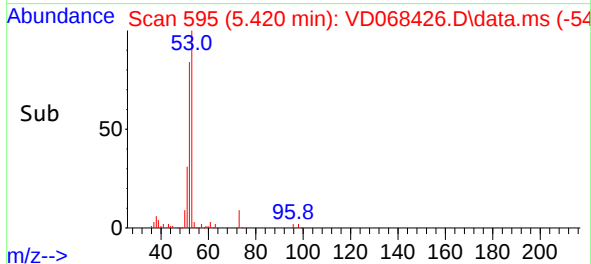




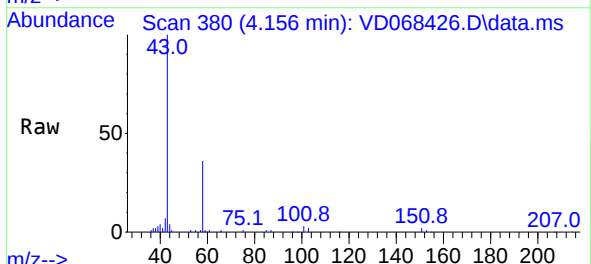
#15
Acrylonitrile
Concen: 248.56 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



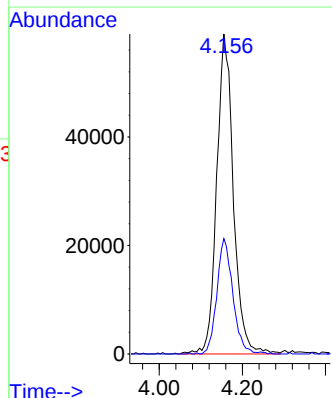
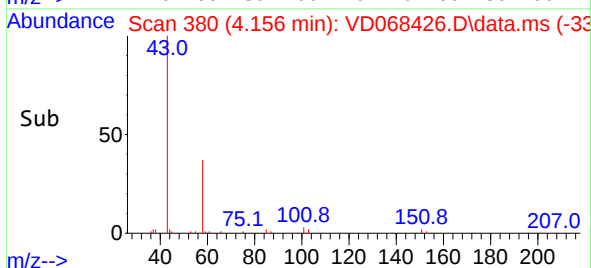
Tgt Ion: 53 Resp: 181815
Ion Ratio Lower Upper
53 100
52 81.8 66.2 99.2
51 36.0 29.0 43.4



#16
Acetone
Concen: 290.33 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



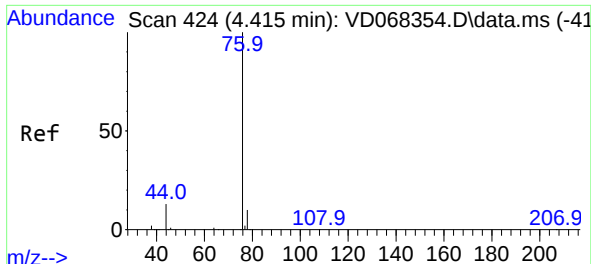
Tgt Ion: 43 Resp: 164385
Ion Ratio Lower Upper
43 100
58 36.0 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

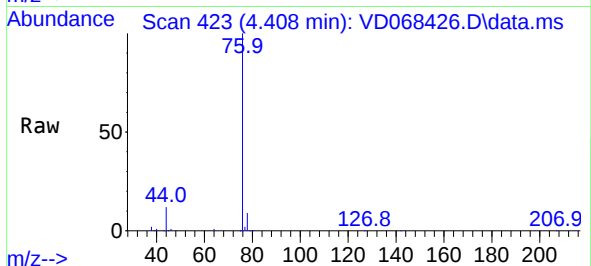
Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM



#17
Carbon Disulfide
Concen: 40.45 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

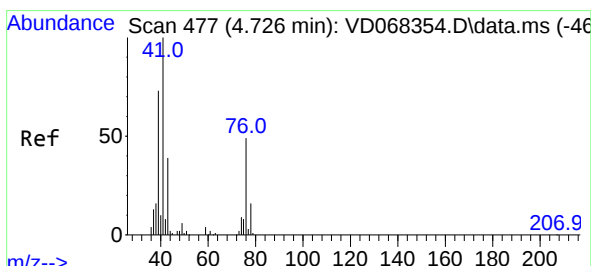
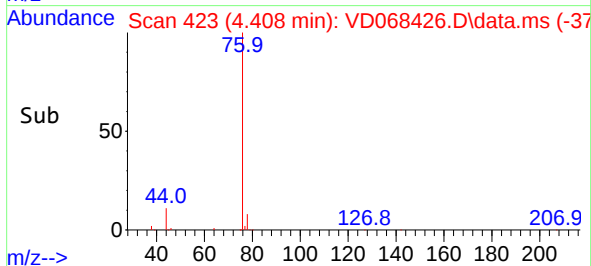
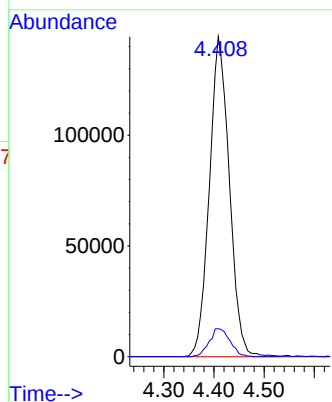
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 399940
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

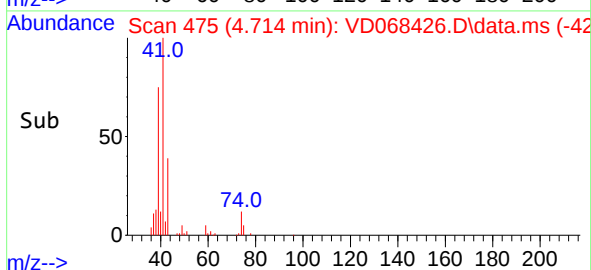
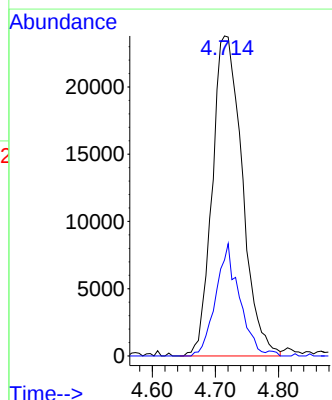
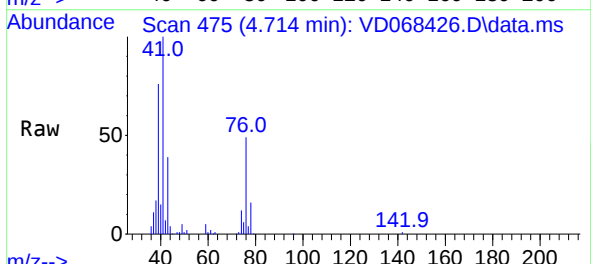
Manual Integrations
APPROVED

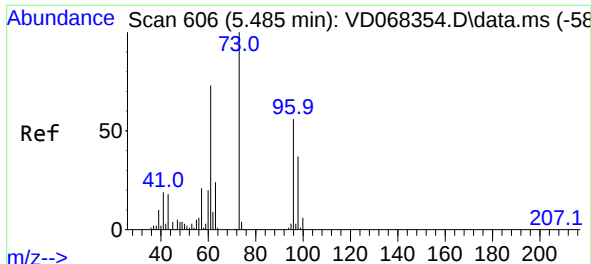
MMDadoda
2/25/2021 12:16:40 PM



#18
Methyl Acetate
Concen: 50.46 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.012 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 43 Resp: 78413
Ion Ratio Lower Upper
43 100
74 27.6 25.4 38.0



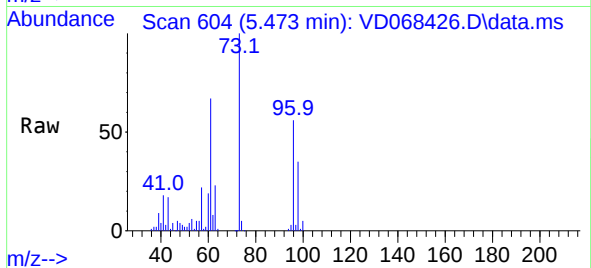


#19
Methyl tert-butyl Ether
Concen: 48.05 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.012 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

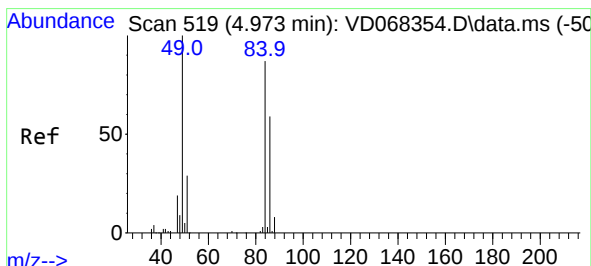
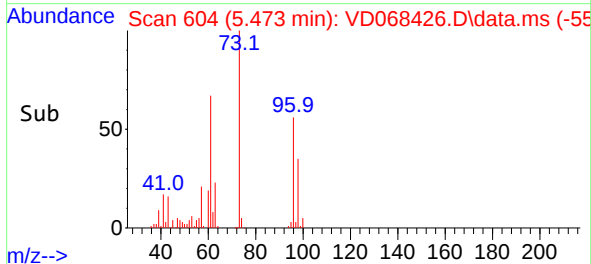
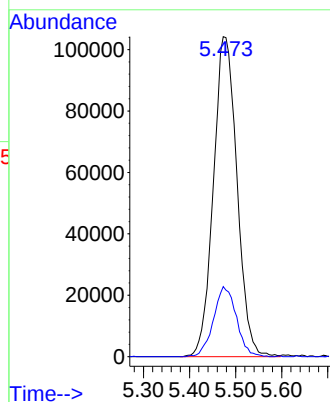
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM

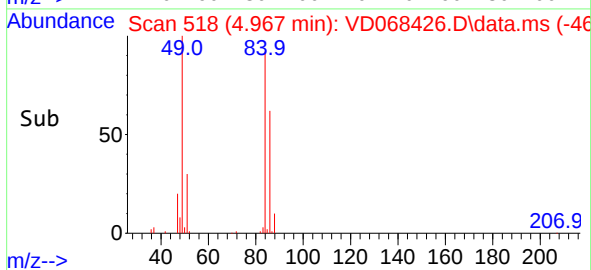
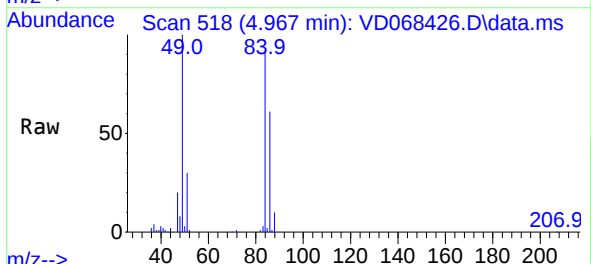
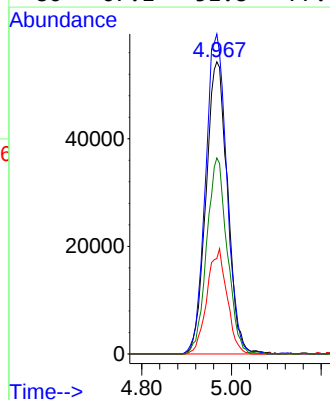


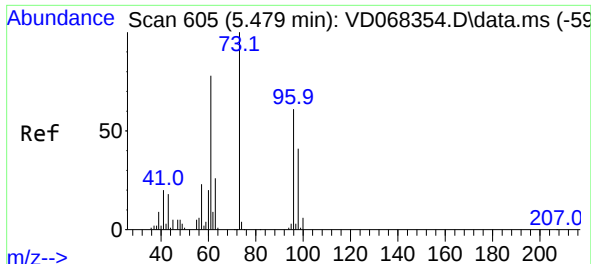
Tgt Ion: 73 Resp: 370190
Ion Ratio Lower Upper
73 100
57 21.9 14.4 21.6#



#20
Methylene Chloride
Concen: 45.91 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

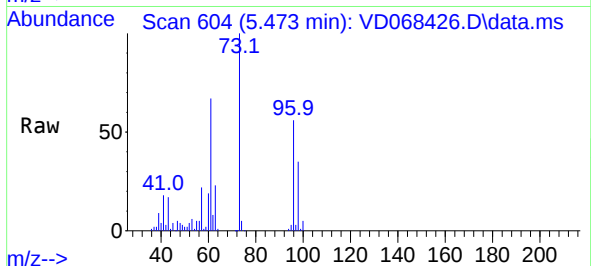
Tgt Ion: 84 Resp: 181624
Ion Ratio Lower Upper
84 100
49 109.5 77.4 116.2
51 32.7 26.1 39.1
86 67.1 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 44.13 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

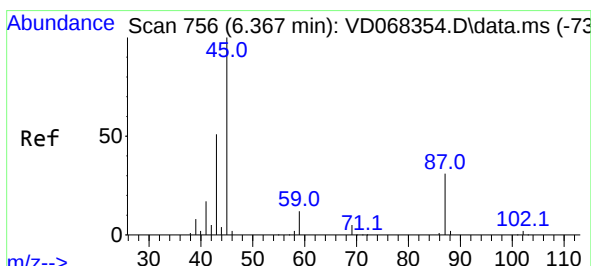
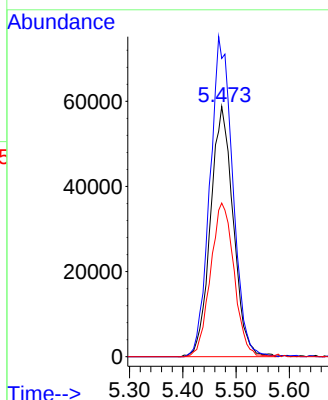
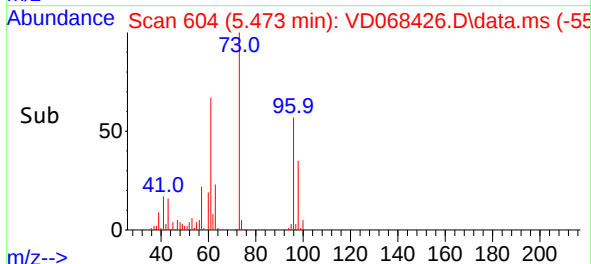
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



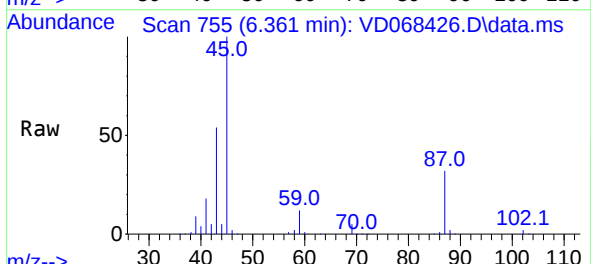
Tgt Ion: 96 Resp: 174367
Ion Ratio Lower Upper
96 100
61 119.2 96.7 145.1
98 61.4 47.6 71.4

Manual Integrations
APPROVED

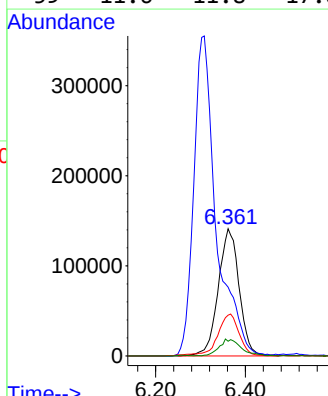
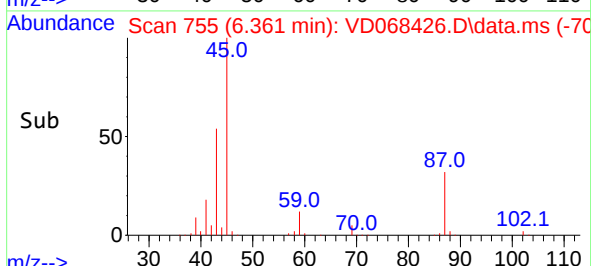
MMDadoda
2/25/2021 12:16:40 PM

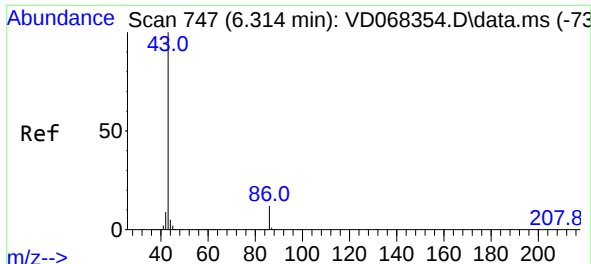


#22
Diisopropyl ether
Concen: 46.59 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



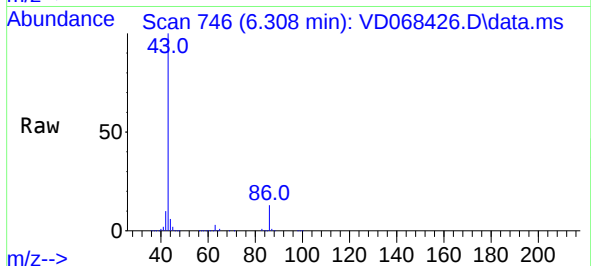
Tgt Ion: 45 Resp: 457658
Ion Ratio Lower Upper
45 100
43 53.1 43.9 65.9
87 32.1 29.9 44.9
59 11.6 11.8 17.8#





#23
Vinyl Acetate
Concen: 243.10 ug/l
RT: 6.308 min Scan# 746
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

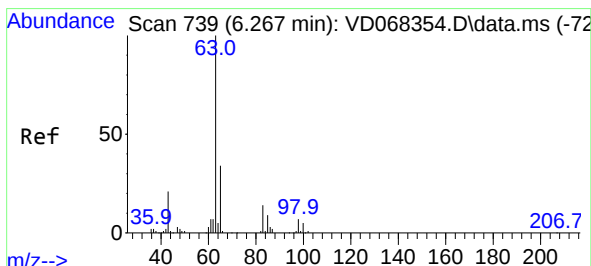
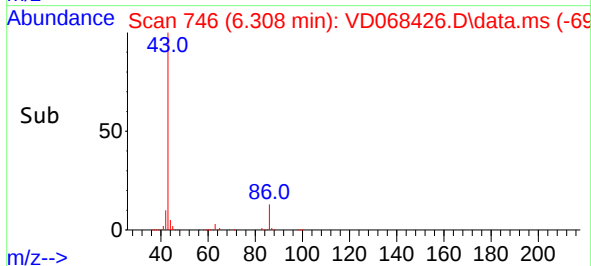
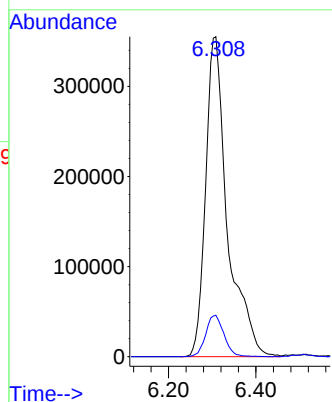
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1233059
Ion Ratio Lower Upper
43 100
86 13.0 10.8 16.2

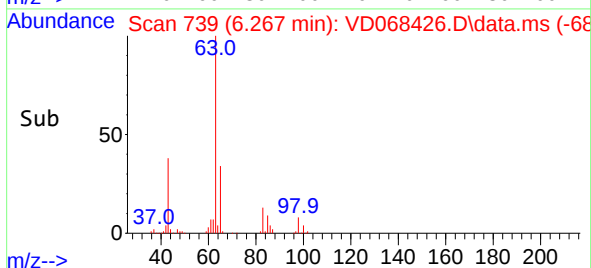
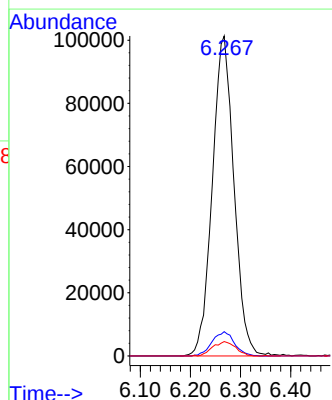
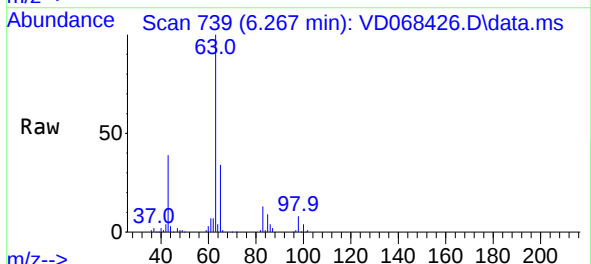
Manual Integrations
APPROVED

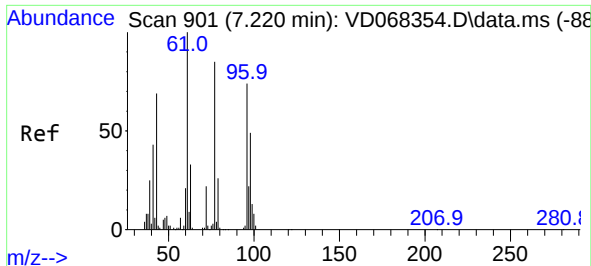
MMDadoda
2/25/2021 12:16:40 PM



#24
1,1-Dichloroethane
Concen: 45.30 ug/l
RT: 6.267 min Scan# 739
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 63 Resp: 304480
Ion Ratio Lower Upper
63 100
98 7.6 3.8 11.4
100 4.5 2.6 8.0





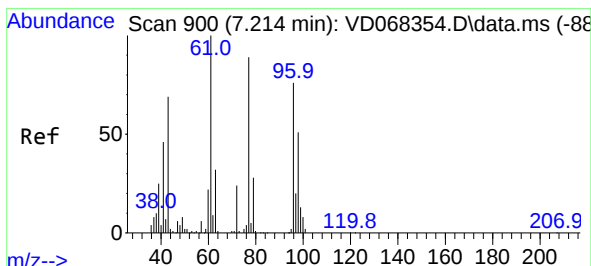
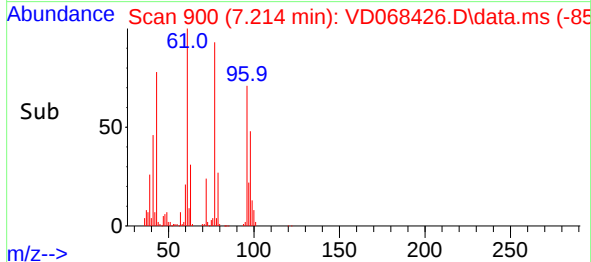
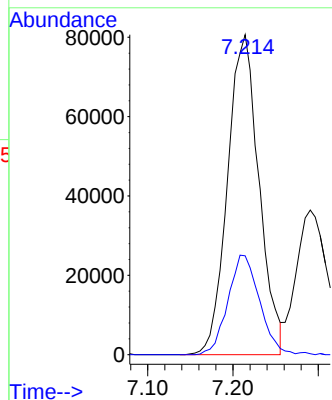
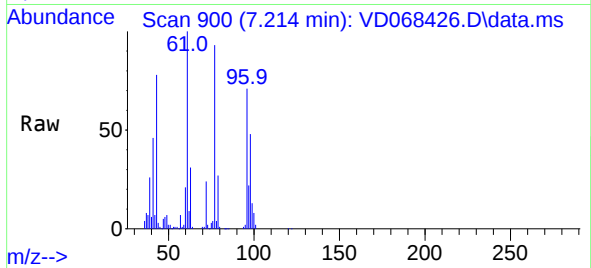
#25
2-Butanone
Concen: 261.37 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 43 Resp: 206920
Ion Ratio Lower Upper
43 100
72 30.9 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

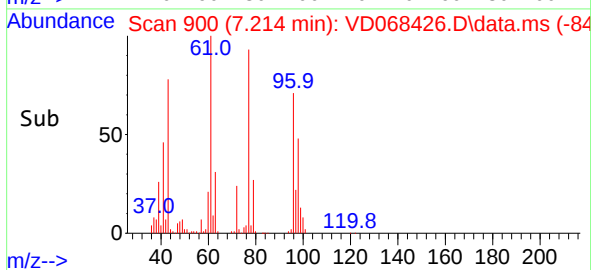
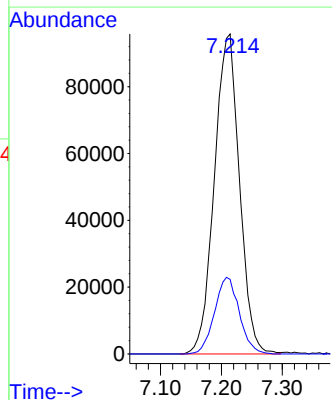
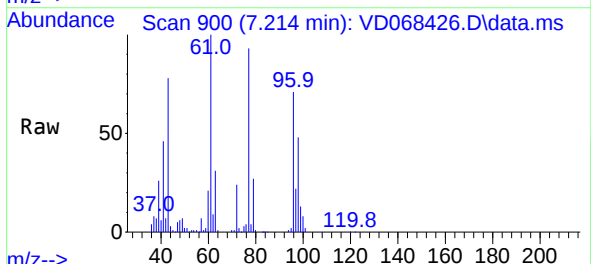
Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM



#26
2,2-Dichloropropane
Concen: 47.75 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

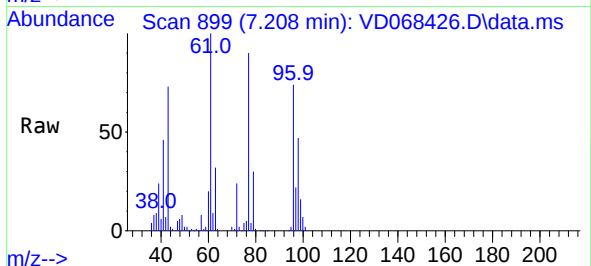
Tgt Ion: 77 Resp: 274537
Ion Ratio Lower Upper
77 100
97 23.6 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 45.85 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

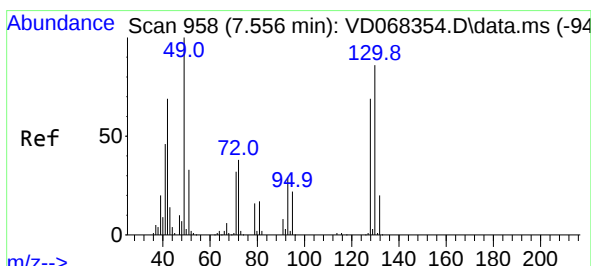
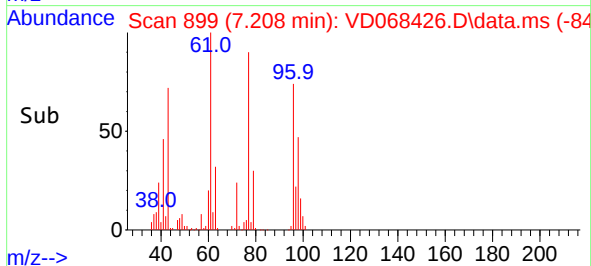
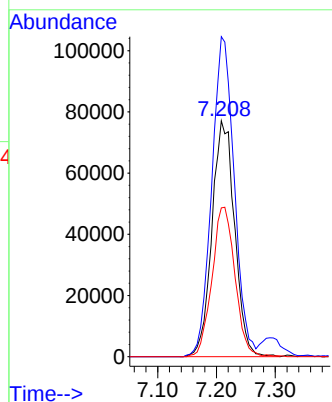
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 205932
Ion Ratio Lower Upper
96 100
61 134.9 0.0 257.4
98 64.0 0.0 126.6

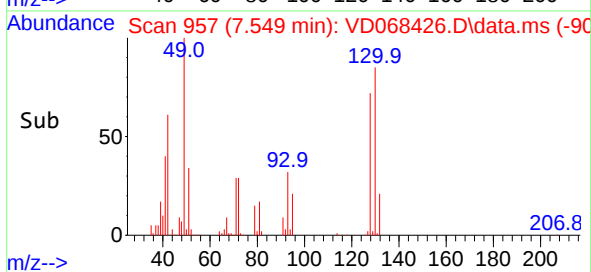
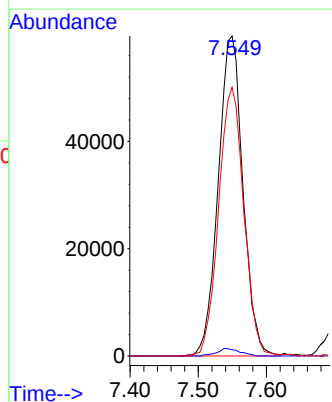
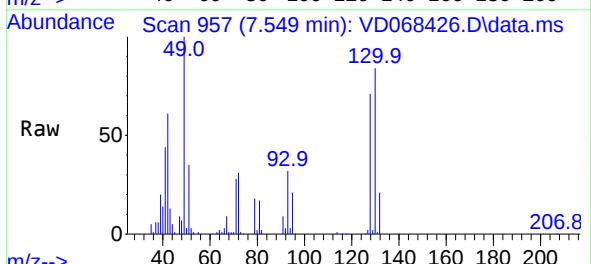
Manual Integrations
APPROVED

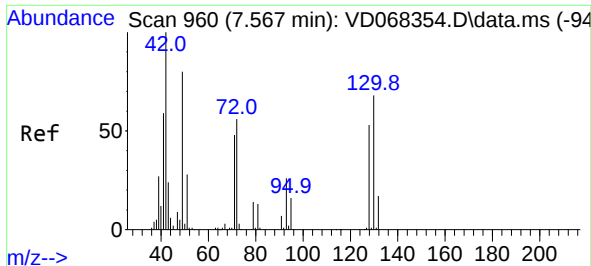
MMDadoda
2/25/2021 12:16:40 PM



#28
Bromochloromethane
Concen: 53.98 ug/l
RT: 7.549 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 49 Resp: 150488
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 85.7 85.5 128.3





#29

Tetrahydrofuran

Concen: 249.83 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD068426.D

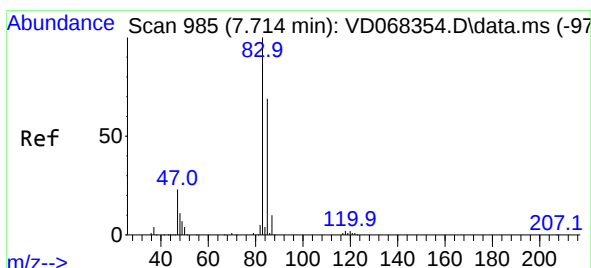
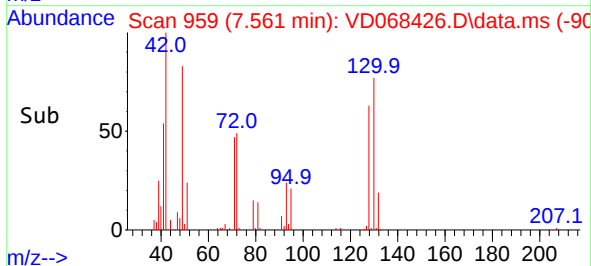
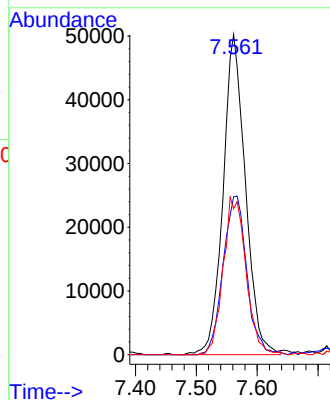
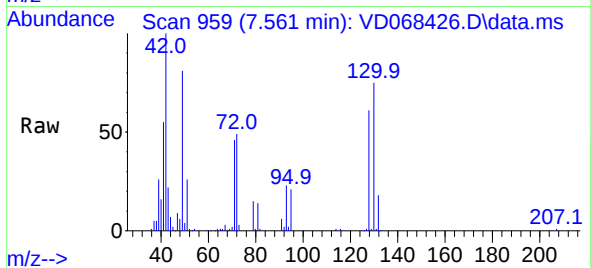
Acq: 24 Feb 2021 09:41

Tgt Ion:	42	Resp:	127935
Ion	Ratio	Lower	Upper
42	100		
72	52.6	43.4	65.0
71	50.3	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM



#30

Chloroform

Concen: 46.97 ug/l

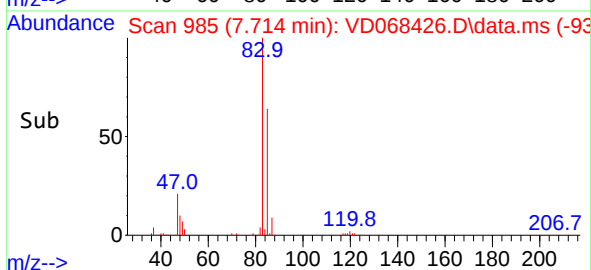
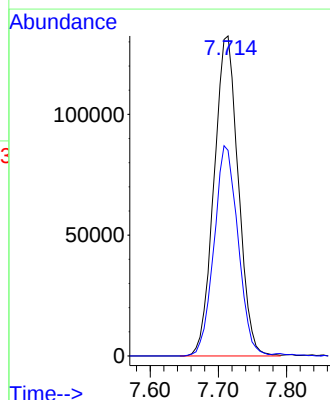
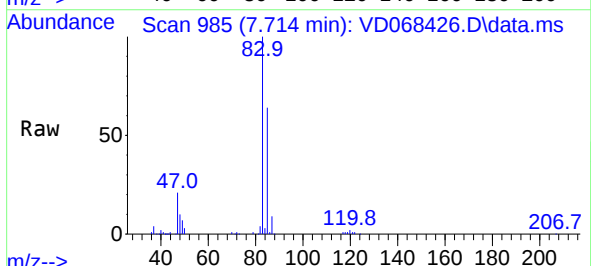
RT: 7.714 min Scan# 985

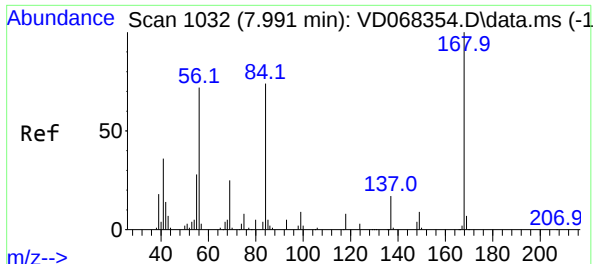
Delta R.T. -0.000 min

Lab File: VD068426.D

Acq: 24 Feb 2021 09:41

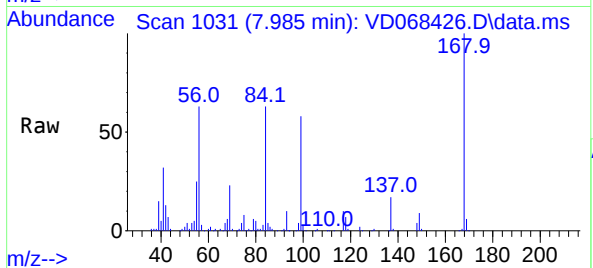
Tgt Ion:	83	Resp:	328362
Ion	Ratio	Lower	Upper
83	100		
85	64.3	53.4	80.0





#31
Cyclohexane
Concen: 45.41 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

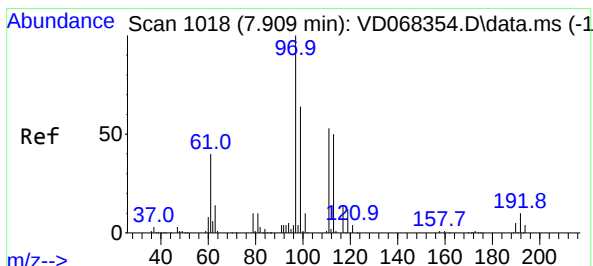
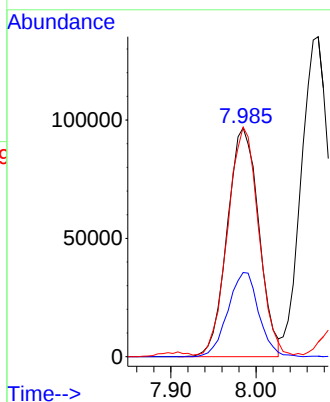
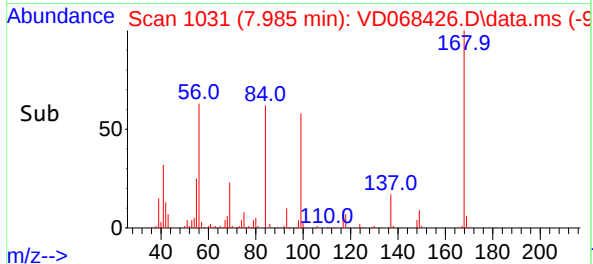
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



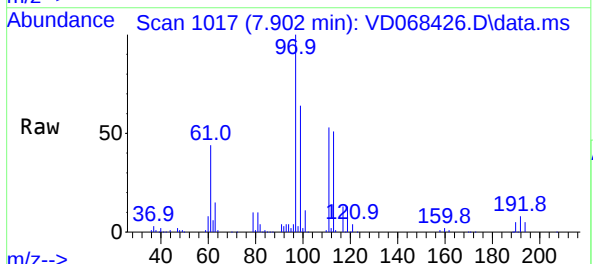
Tgt Ion: 56 Resp: 248901
Ion Ratio Lower Upper
56 100
69 36.8 30.1 45.1
84 98.2 82.1 123.1

Manual Integrations
APPROVED

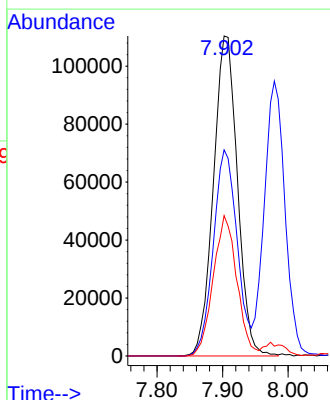
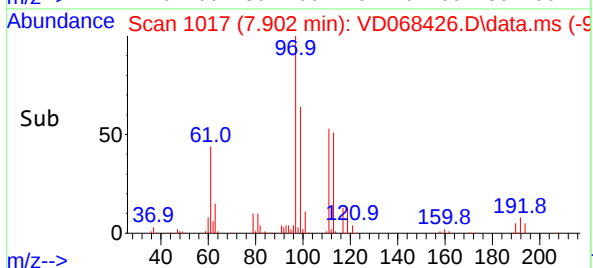
MMDadoda
2/25/2021 12:16:40 PM

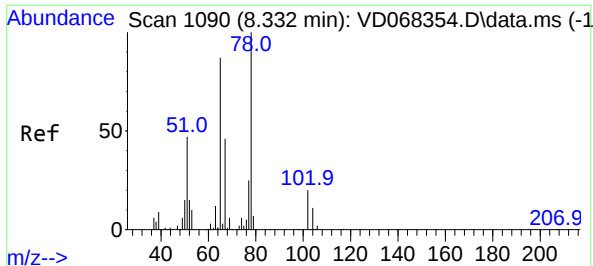


#32
1,1,1-Trichloroethane
Concen: 46.45 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



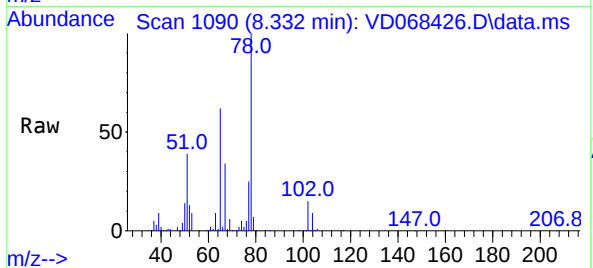
Tgt Ion: 97 Resp: 280591
Ion Ratio Lower Upper
97 100
99 64.2 52.1 78.1
61 43.3 30.1 45.1





#33
1,2-Dichloroethane-d4
Concen: 53.09 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

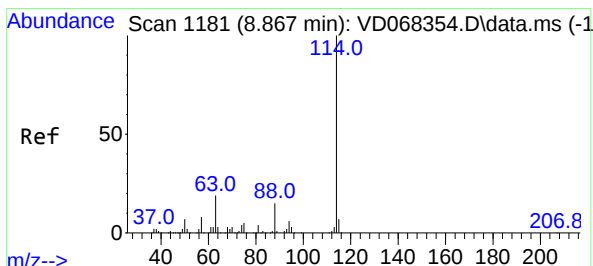
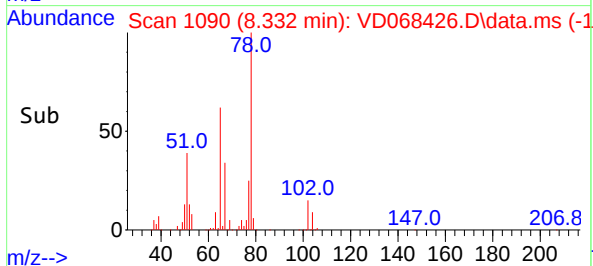
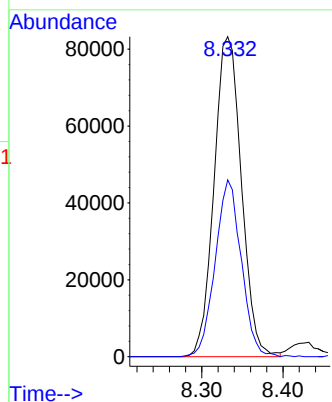
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



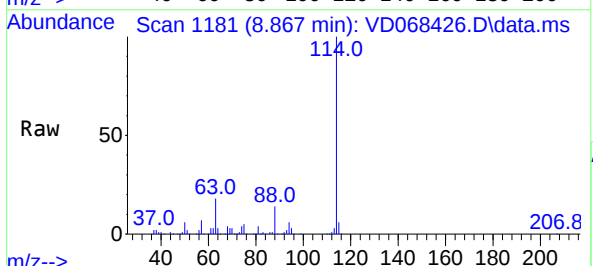
Tgt Ion: 65 Resp: 194855
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

Manual Integrations
APPROVED

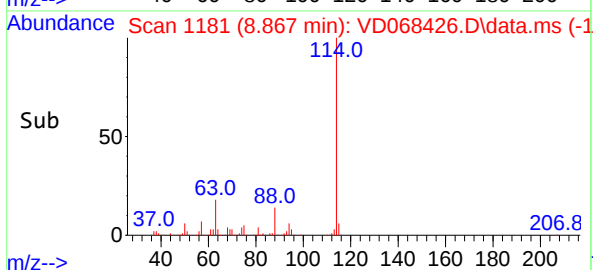
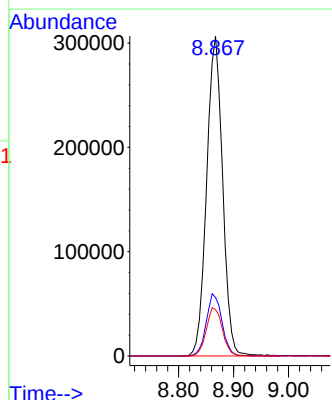
MMDadoda
2/25/2021 12:16:40 PM

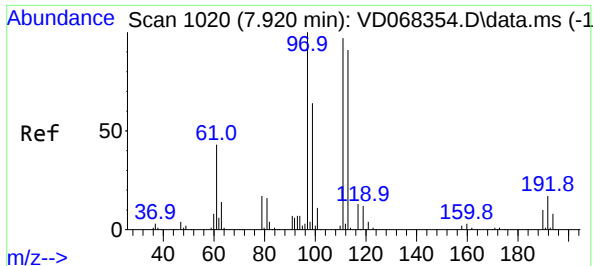


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



Tgt Ion: 114 Resp: 617698
Ion Ratio Lower Upper
114 100
63 18.3 0.0 34.8
88 14.5 0.0 31.6





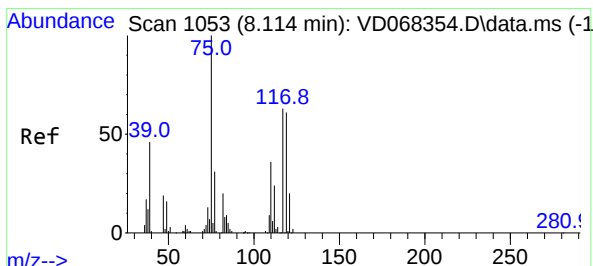
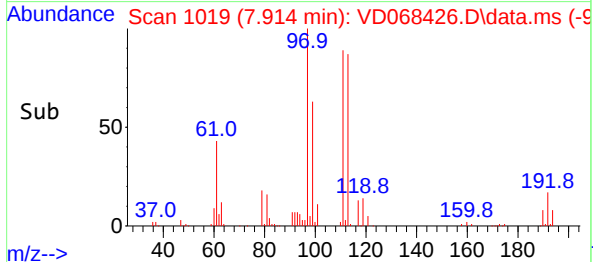
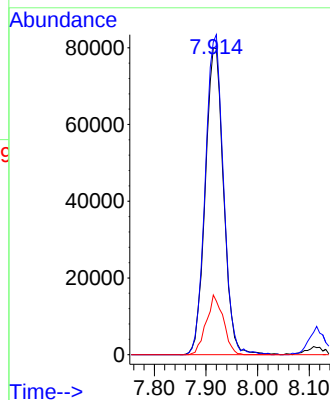
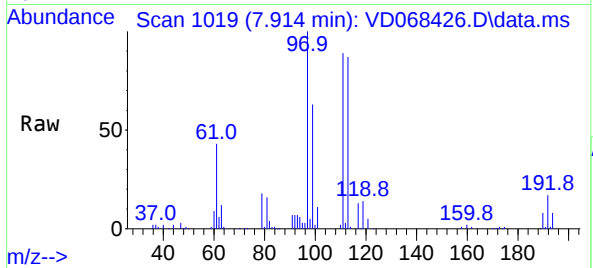
#35
Dibromofluoromethane
Concen: 53.53 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 113 Resp: 196258
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.2 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

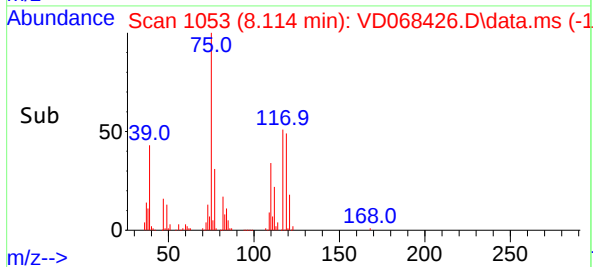
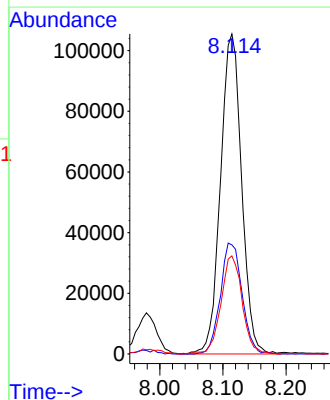
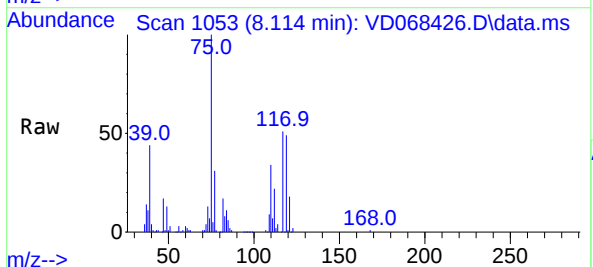
Manual Integrations
APPROVED

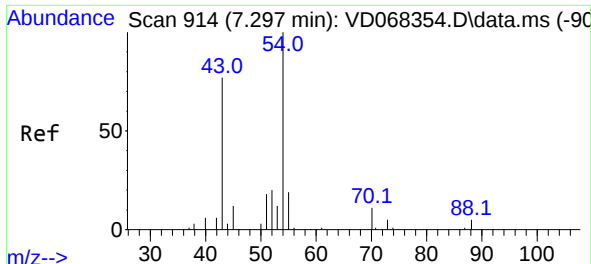
MMDadoda
2/25/2021 12:16:40 PM



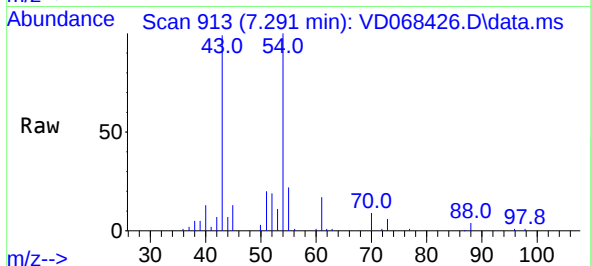
#36
1,1-Dichloropropene
Concen: 44.86 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 75 Resp: 245135
Ion Ratio Lower Upper
75 100
110 35.6 19.4 58.2
77 30.8 25.3 37.9

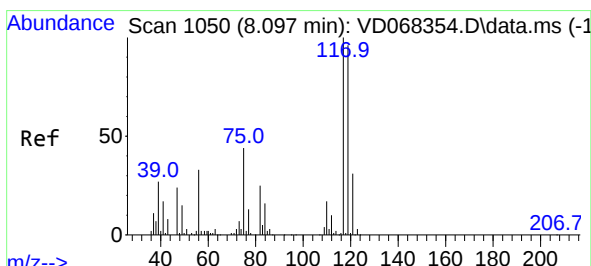
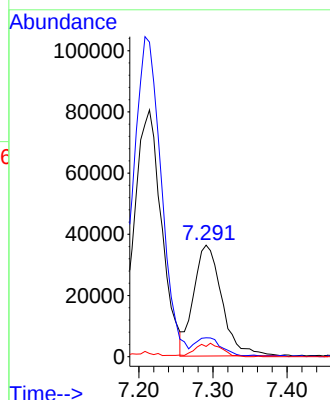
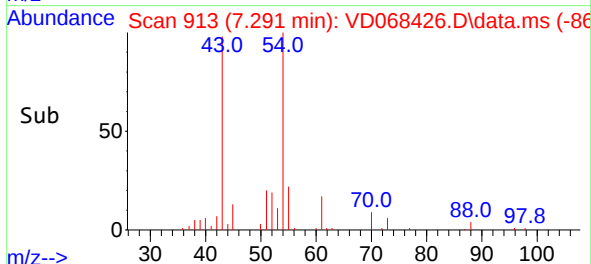




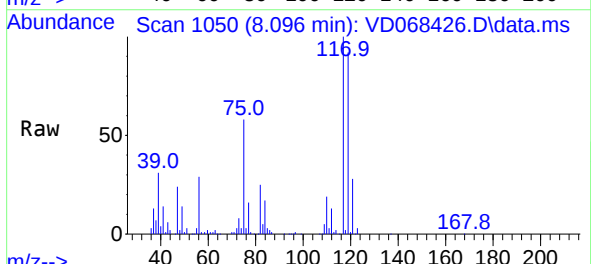
#37
Ethyl Acetate
Concen: 52.01 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



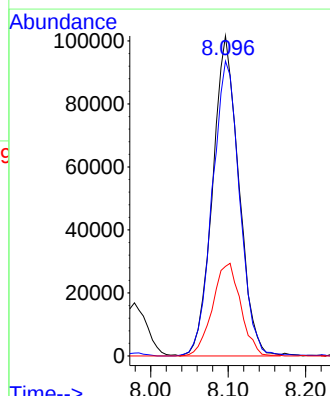
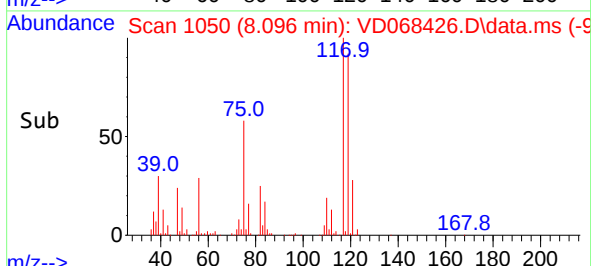
Tgt Ion: 43 Resp: 96032
Ion Ratio Lower Upper
43 100
61 14.8 12.9 19.3
70 11.1 11.0 16.6



#38
Carbon Tetrachloride
Concen: 45.77 ug/l
RT: 8.096 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



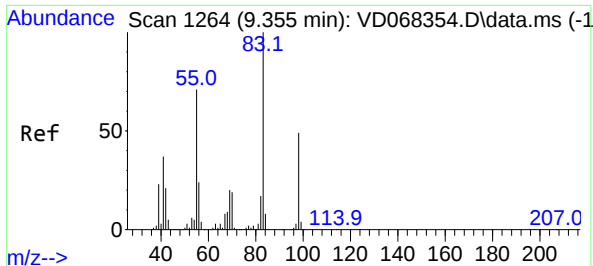
Tgt Ion: 117 Resp: 238564
Ion Ratio Lower Upper
117 100
119 91.9 77.3 115.9
121 28.0 24.7 37.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM



#39

Methylcyclohexane

Concen: 43.61 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068426.D

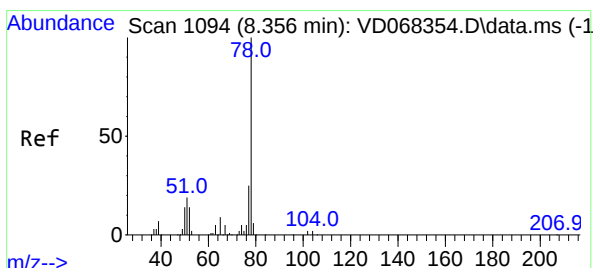
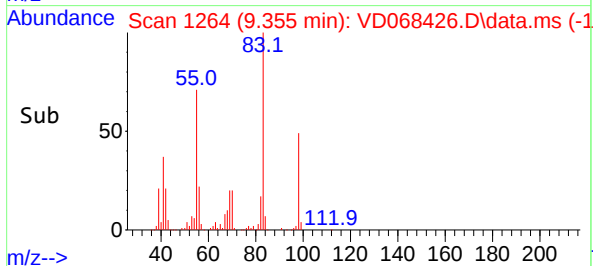
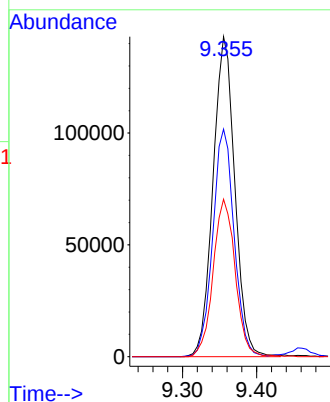
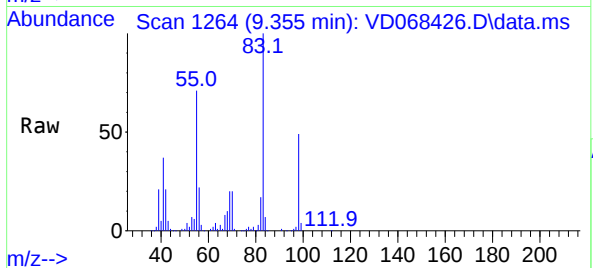
Acq: 24 Feb 2021 09:41

Tgt Ion:	83	Resp:	292339
Ion	Ratio	Lower	Upper
83	100		
55	71.1	55.2	82.8
98	49.2	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM



#40

Benzene

Concen: 45.39 ug/l

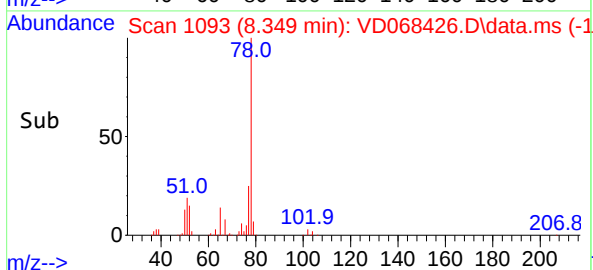
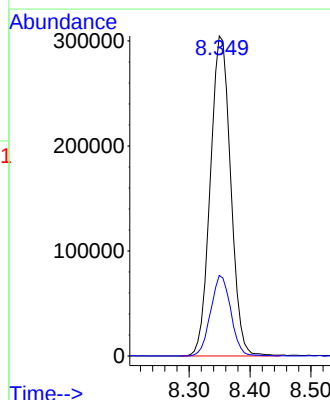
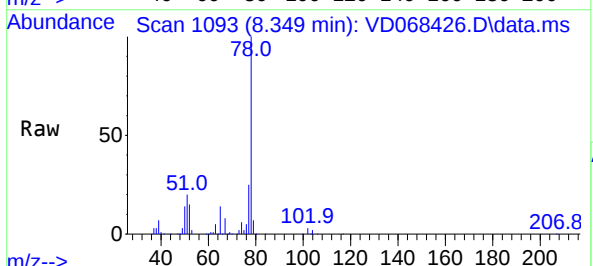
RT: 8.349 min Scan# 1093

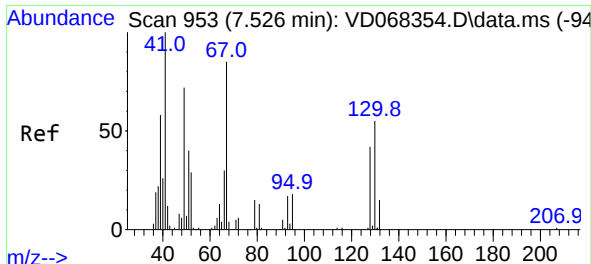
Delta R.T. -0.006 min

Lab File: VD068426.D

Acq: 24 Feb 2021 09:41

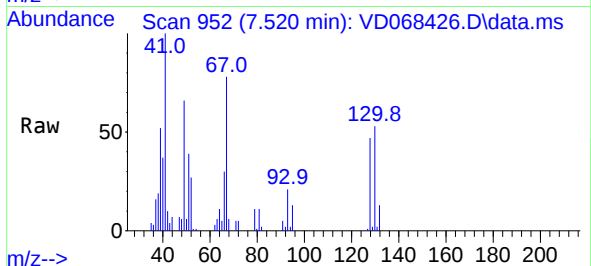
Tgt Ion:	78	Resp:	707456
Ion	Ratio	Lower	Upper
78	100		
77	25.2	17.8	26.6





#41
Methacrylonitrile
Concen: 43.95 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

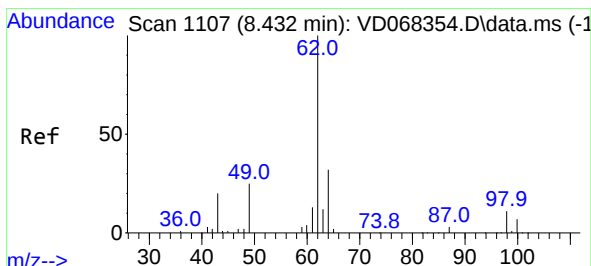
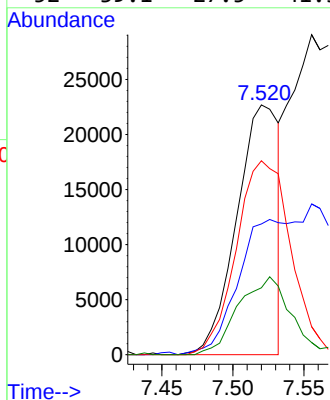
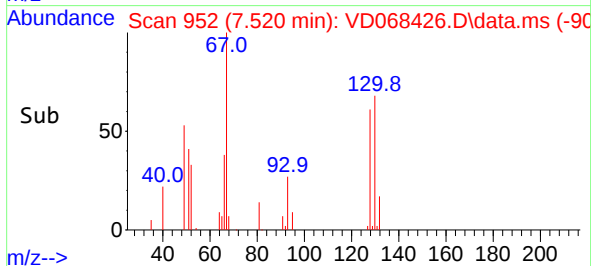
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



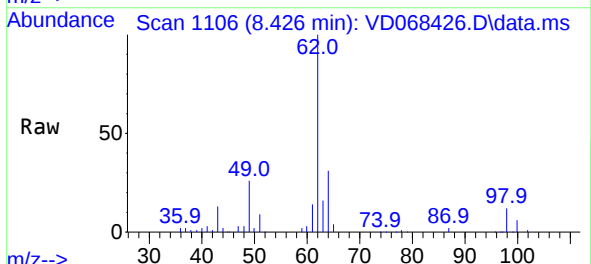
Tgt Ion: 41 Resp: 46714
Ion Ratio Lower Upper
41 100
39 62.7 45.2 67.8
67 100.8 67.4 101.2
52 39.1 27.5 41.3

Manual Integrations
APPROVED

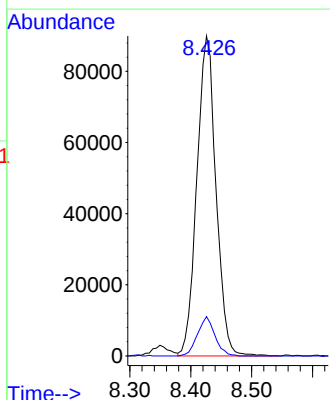
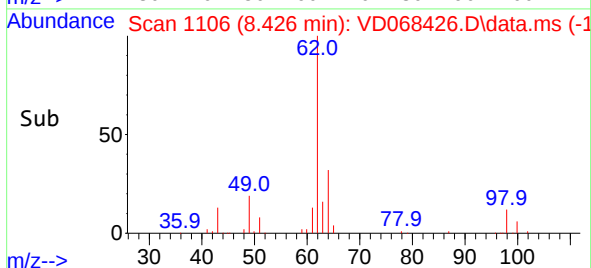
MMDadoda
2/25/2021 12:16:40 PM

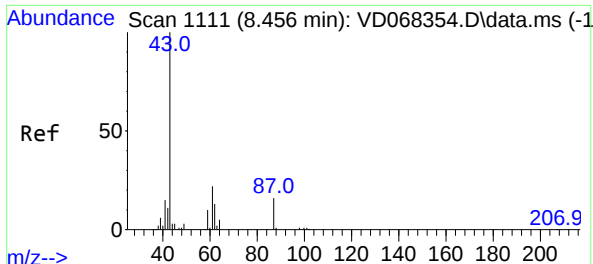


#42
1,2-Dichloroethane
Concen: 47.20 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



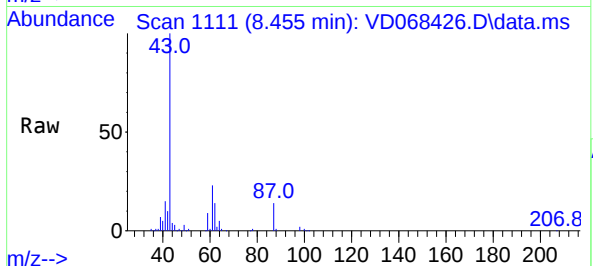
Tgt Ion: 62 Resp: 196257
Ion Ratio Lower Upper
62 100
98 11.2 0.0 21.8





#43
Isopropyl Acetate
Concen: 51.35 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

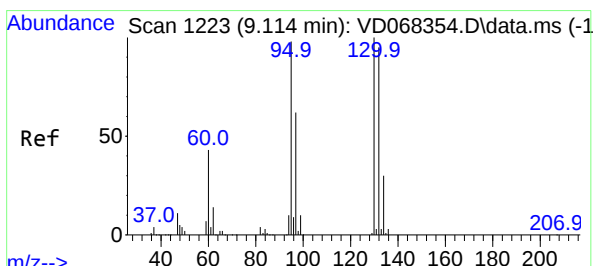
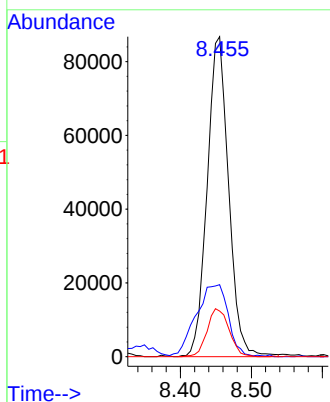
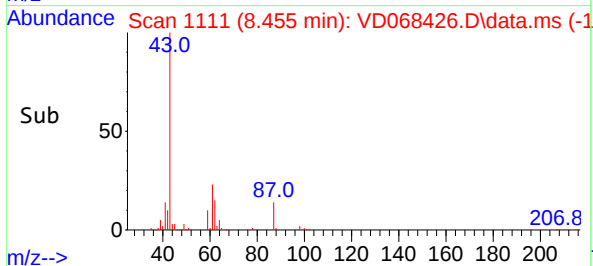
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



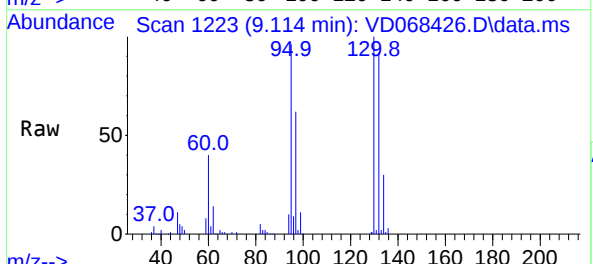
Tgt Ion: 43 Resp: 181581
Ion Ratio Lower Upper
43 100
61 33.9 28.7 43.1
87 15.4 13.9 20.9

Manual Integrations
APPROVED

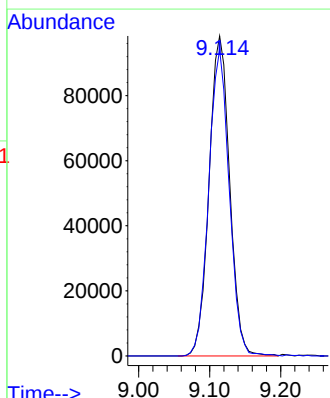
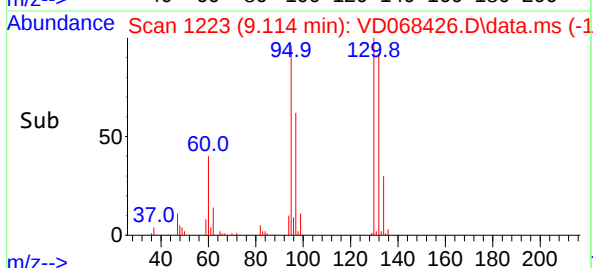
MMDadoda
2/25/2021 12:16:40 PM

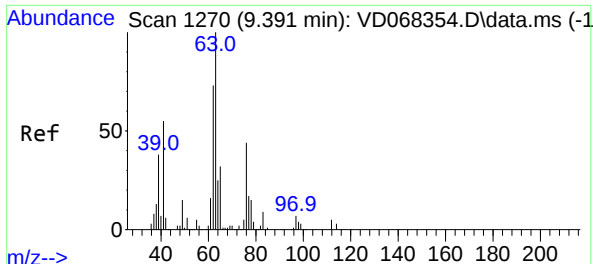


#44
Trichloroethene
Concen: 46.56 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



Tgt Ion:130 Resp: 197506
Ion Ratio Lower Upper
130 100
95 95.7 0.0 191.2





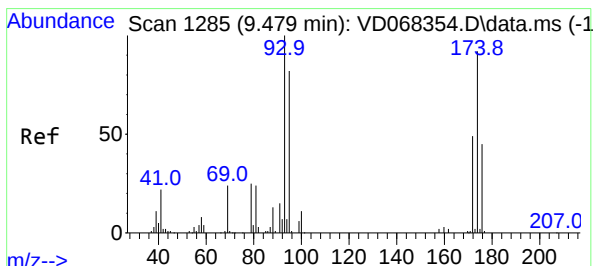
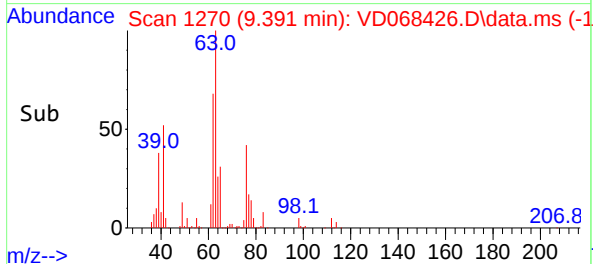
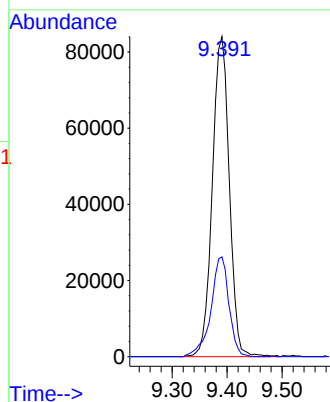
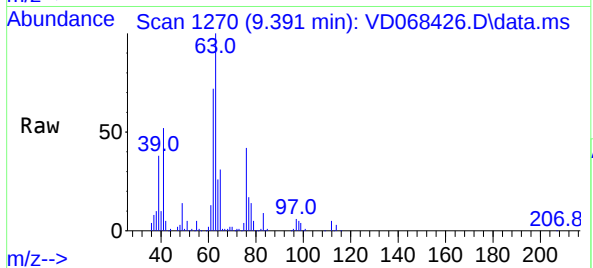
#45
1,2-Dichloropropane
Concen: 47.38 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 63 Resp: 180223
Ion Ratio Lower Upper
63 100
65 31.2 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

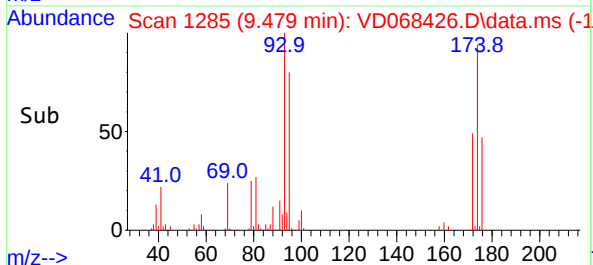
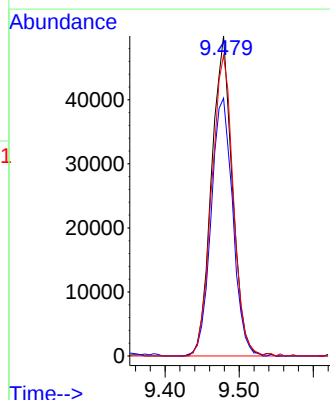
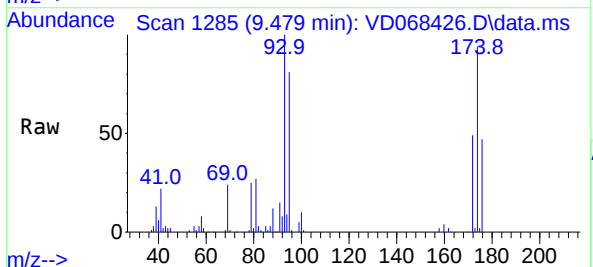
Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM



#46
Dibromomethane
Concen: 47.20 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 93 Resp: 97397
Ion Ratio Lower Upper
93 100
95 83.7 67.3 100.9
174 97.5 84.6 127.0

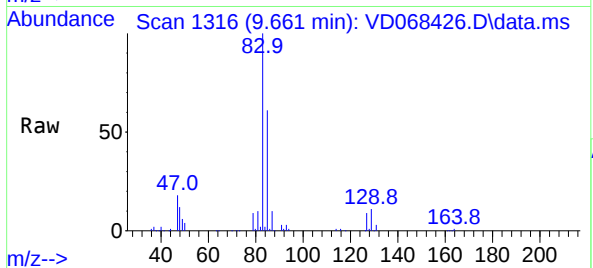




#47

Bromodichloromethane
Concen: 48.11 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

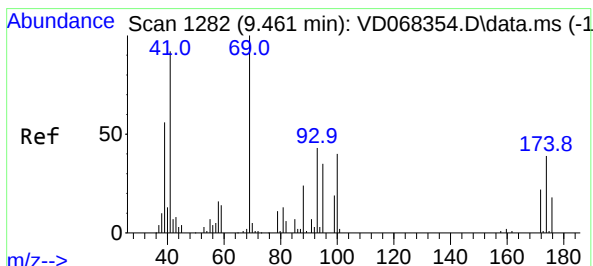
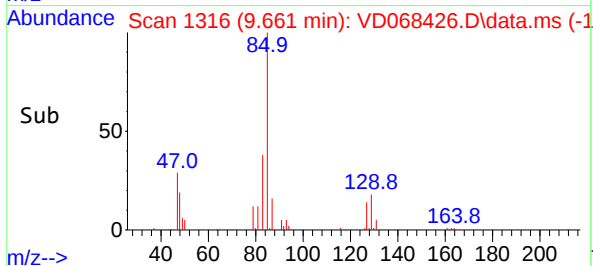
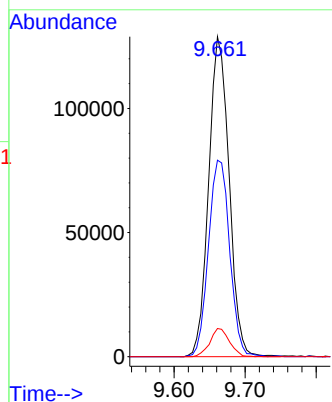


Tgt Ion: 83 Resp: 257357

Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.6	77.4
127	8.8	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM

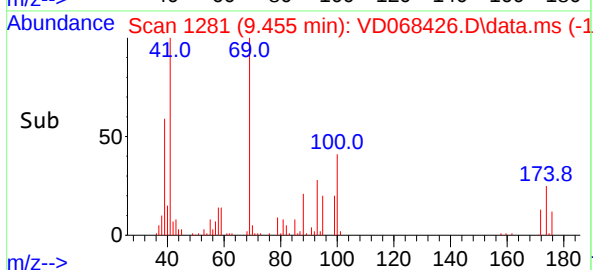
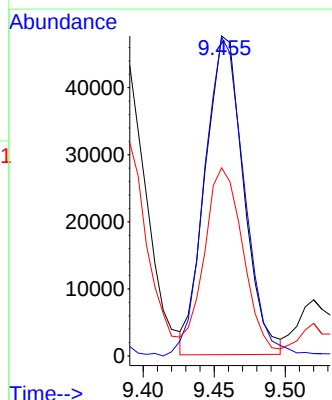
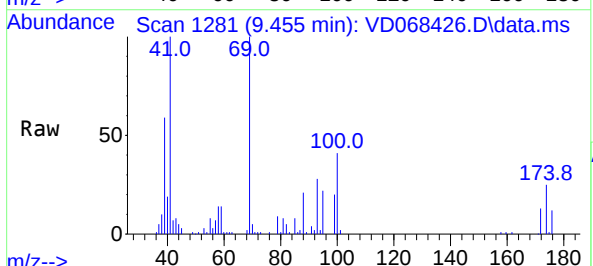


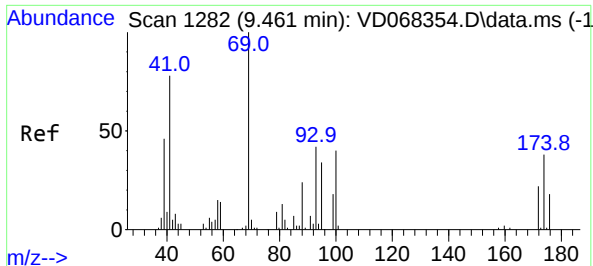
#48

Methyl methacrylate
Concen: 50.67 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 41 Resp: 89424

Ion	Ratio	Lower	Upper
41	100		
69	103.7	77.1	115.7
39	55.1	41.5	62.3





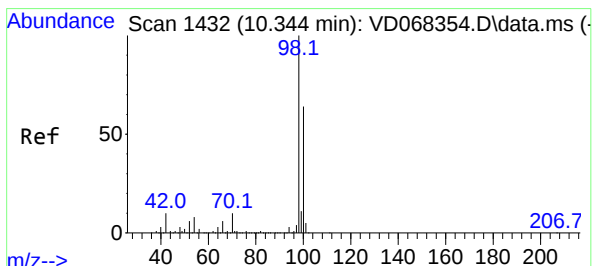
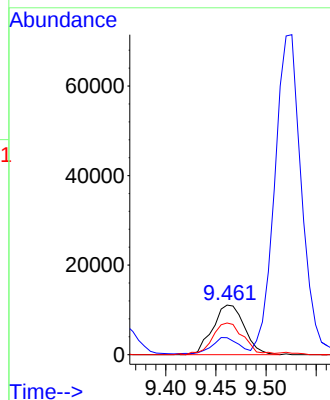
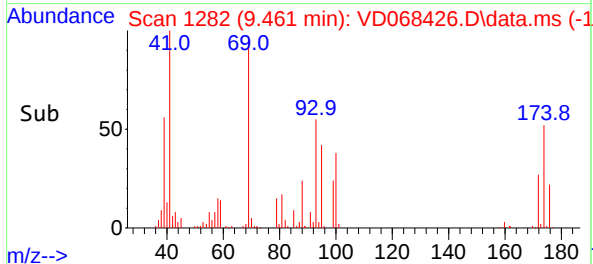
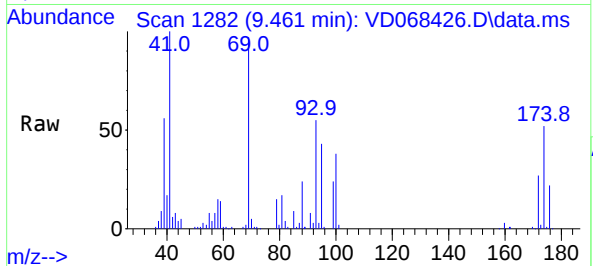
#49
1,4-Dioxane
Concen: 1003.17 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 88 Resp: 24182
Ion Ratio Lower Upper
88 100
43 27.8 22.1 33.1
58 63.1 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

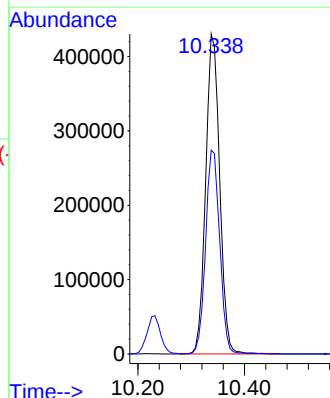
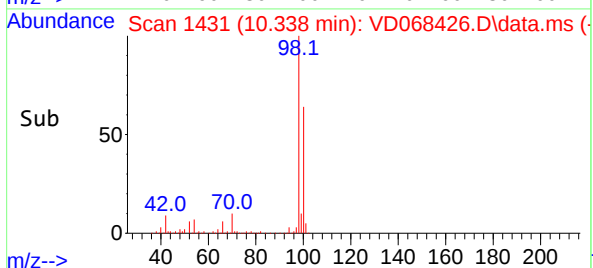
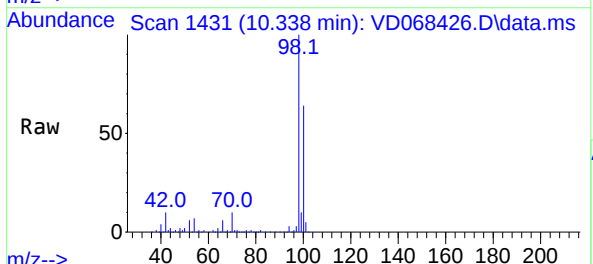
Manual Integrations
APPROVED

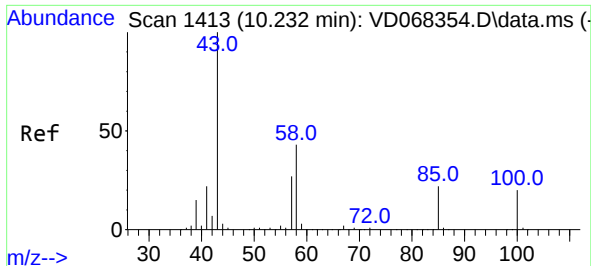
MMDadoda
2/25/2021 12:16:40 PM



#50
Toluene-d8
Concen: 51.61 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 98 Resp: 784349
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4





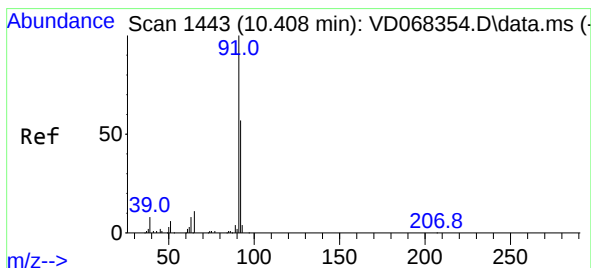
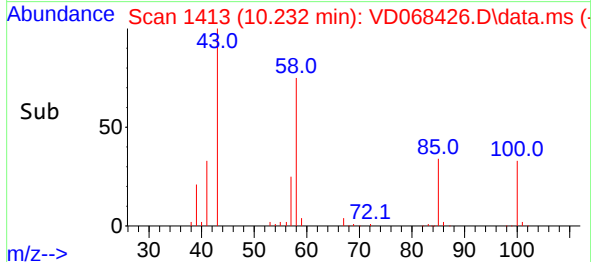
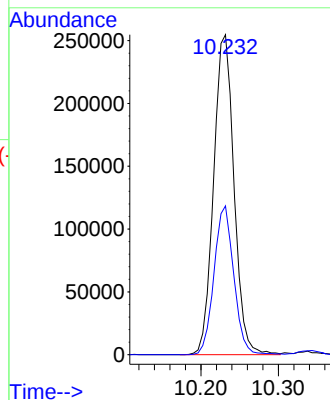
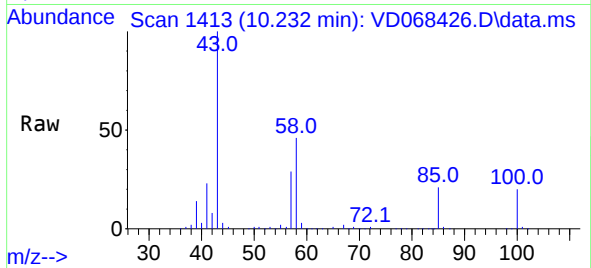
#51
4-Methyl-2-Pentanone
Concen: 256.48 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 43 Resp: 465803
Ion Ratio Lower Upper
43 100
58 45.1 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

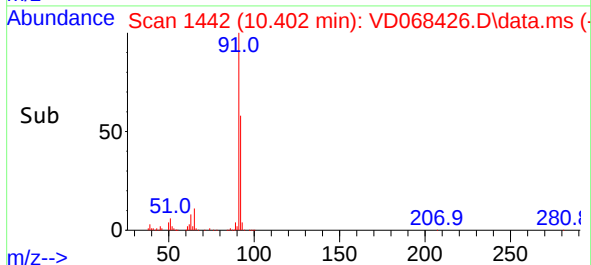
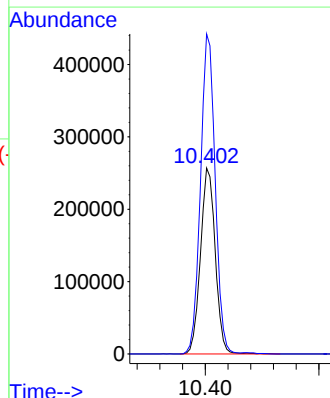
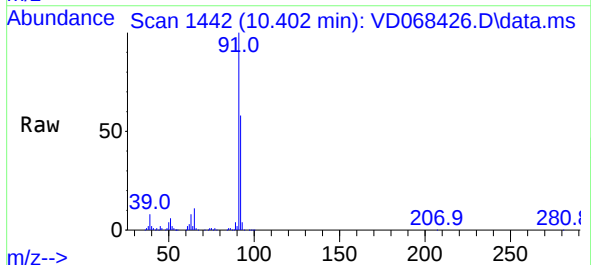
Manual Integrations
APPROVED

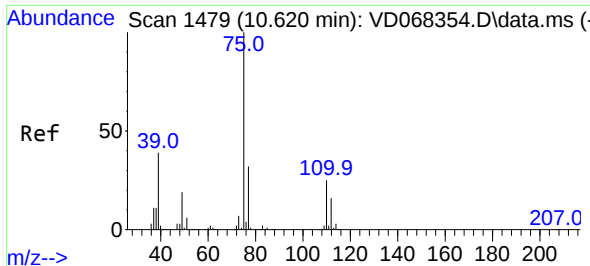
MMDadoda
2/25/2021 12:16:40 PM



#52
Toluene
Concen: 46.21 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 92 Resp: 463129
Ion Ratio Lower Upper
92 100
91 171.0 134.1 201.1





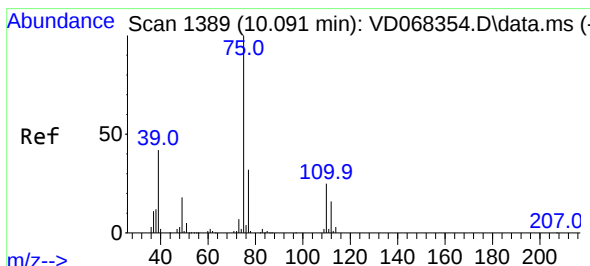
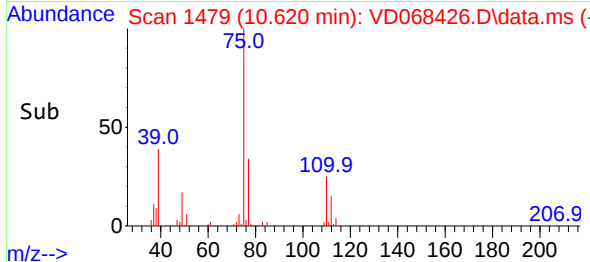
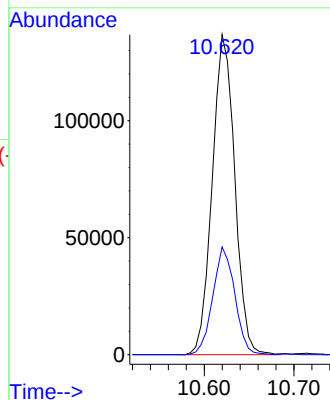
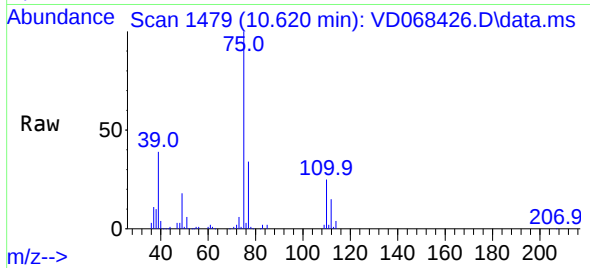
#53
 t-1,3-Dichloropropene
 Concen: 48.15 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. -0.000 min
 Lab File: VD068426.D
 Acq: 24 Feb 2021 09:41

Tgt Ion: 75 Resp: 238350
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.0 37.4

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

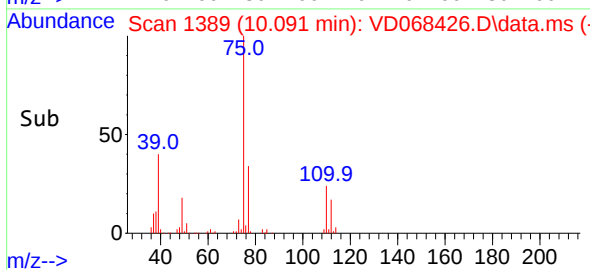
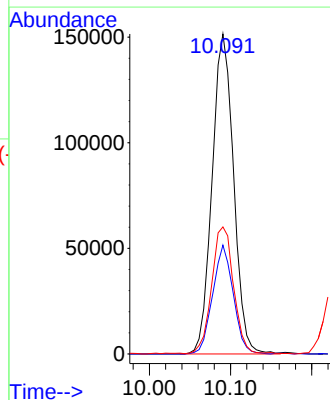
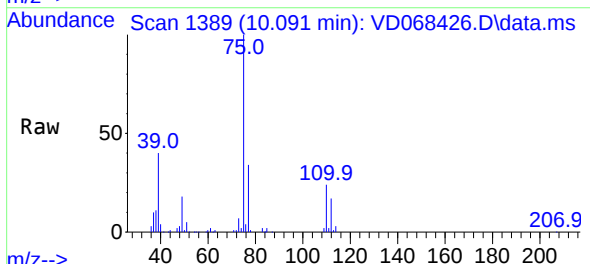
Manual Integrations
 APPROVED

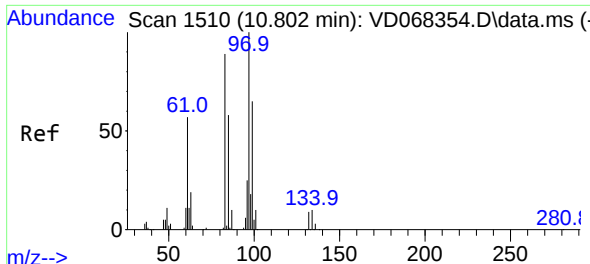
MMDadoda
 2/25/2021 12:16:40 PM



#54
 cis-1,3-Dichloropropene
 Concen: 46.11 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. -0.000 min
 Lab File: VD068426.D
 Acq: 24 Feb 2021 09:41

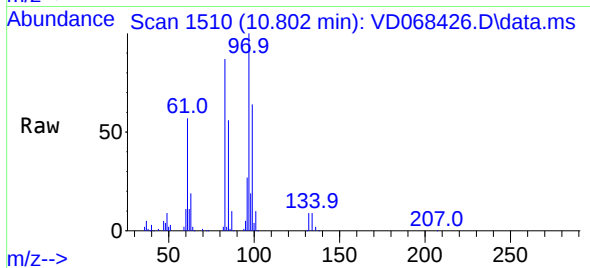
Tgt Ion: 75 Resp: 278919
 Ion Ratio Lower Upper
 75 100
 77 34.0 24.6 37.0
 39 39.5 31.4 47.0





#55
1,1,2-Trichloroethane
Concen: 49.35 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

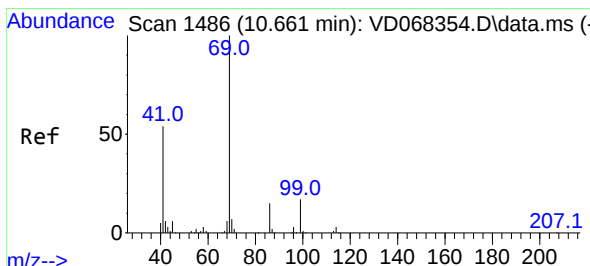
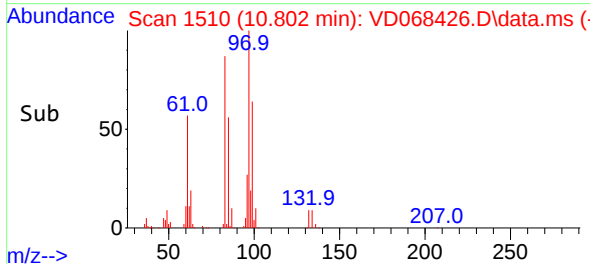
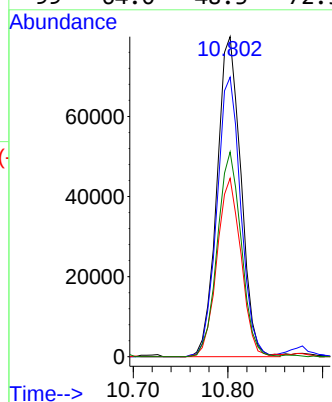


Tgt Ion: 97 Resp: 140671

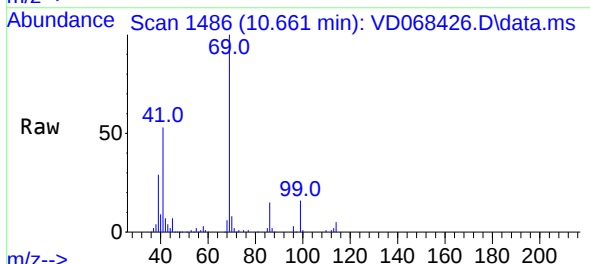
Ion	Ratio	Lower	Upper
97	100		
83	87.3	61.8	92.6
85	55.8	42.2	63.2
99	64.0	48.3	72.5

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM

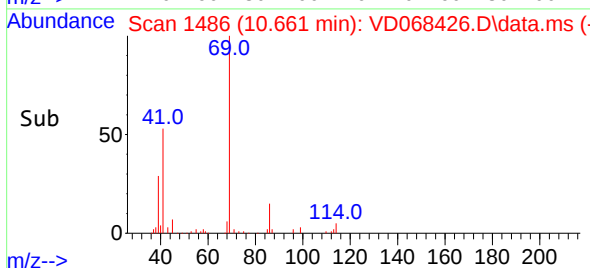
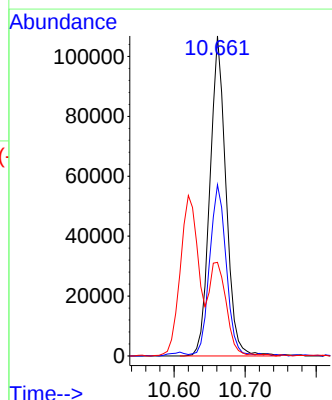


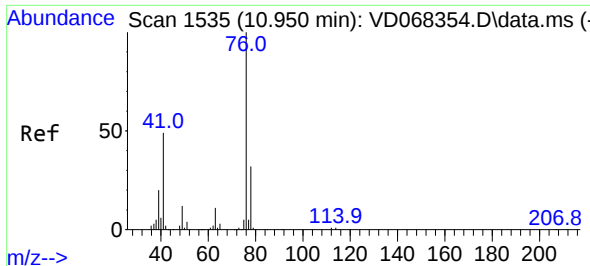
#56
Ethyl methacrylate
Concen: 49.83 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



Tgt Ion: 69 Resp: 168532

Ion	Ratio	Lower	Upper
69	100		
41	54.4	44.9	67.3
39	31.0	21.9	32.9





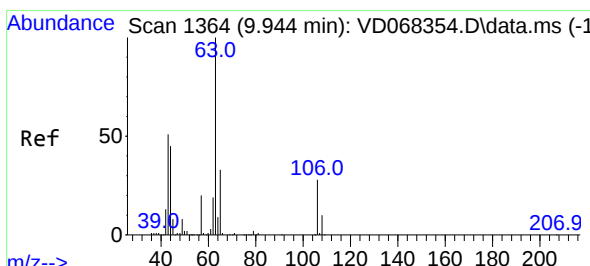
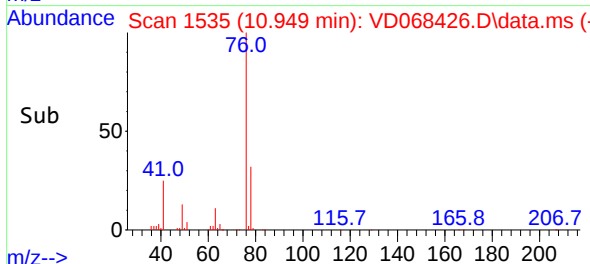
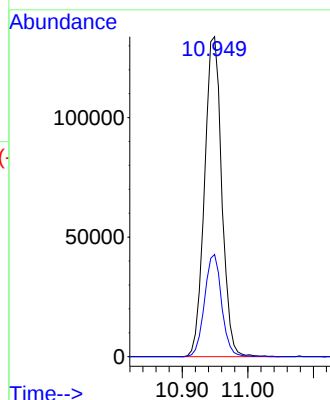
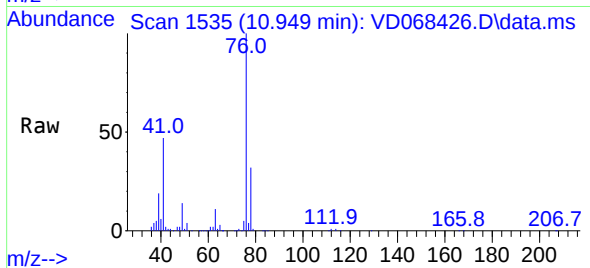
#57
1,3-Dichloropropane
Concen: 48.98 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 76 Resp: 245009
Ion Ratio Lower Upper
76 100
78 31.7 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

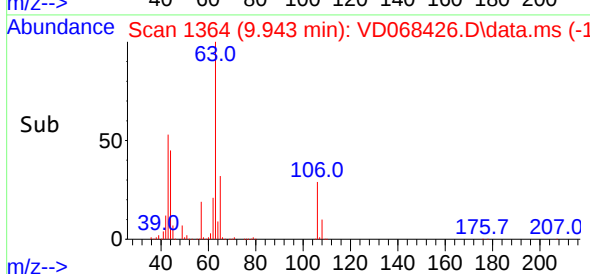
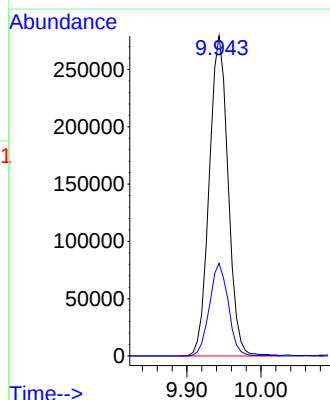
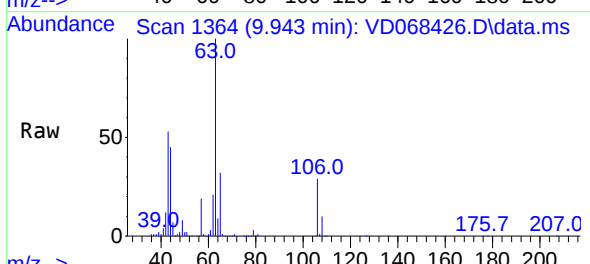
Manual Integrations
APPROVED

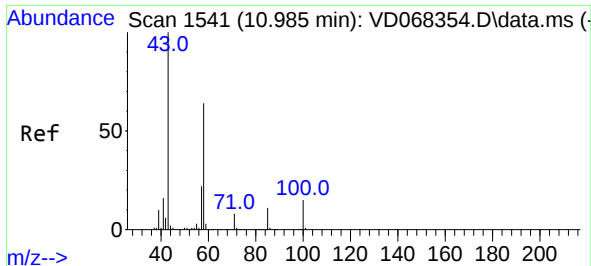
MMDadoda
2/25/2021 12:16:40 PM



#58
2-Chloroethyl Vinyl ether
Concen: 272.18 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 63 Resp: 492890
Ion Ratio Lower Upper
63 100
106 28.8 27.0 40.4





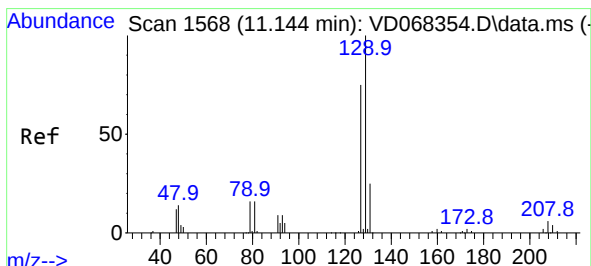
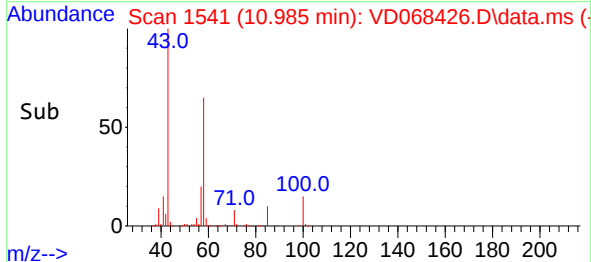
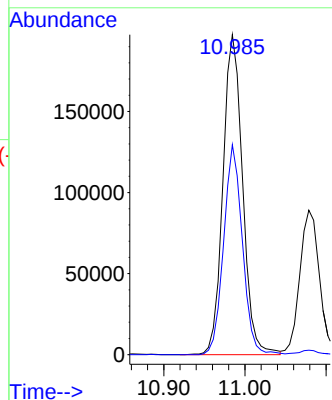
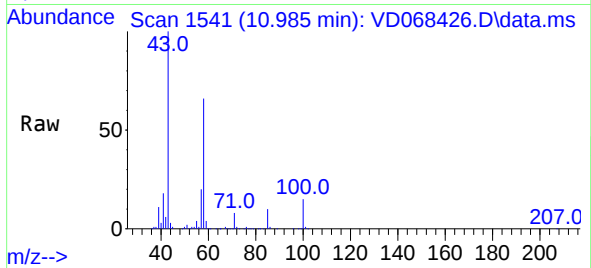
#59
2-Hexanone
Concen: 270.85 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 43 Resp: 332505
Ion Ratio Lower Upper
43 100
58 62.5 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

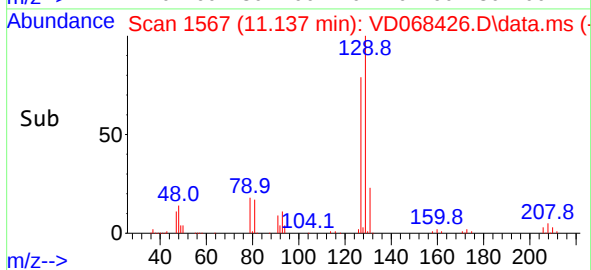
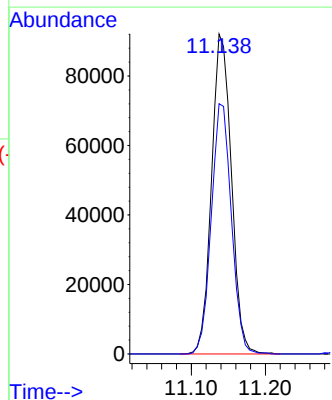
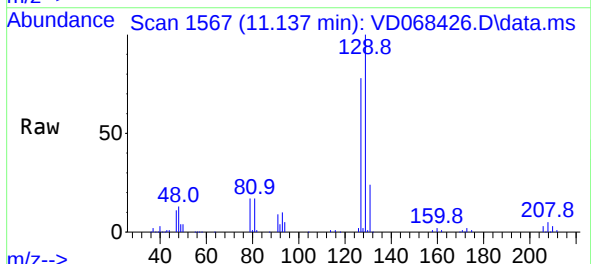
Manual Integrations
APPROVED

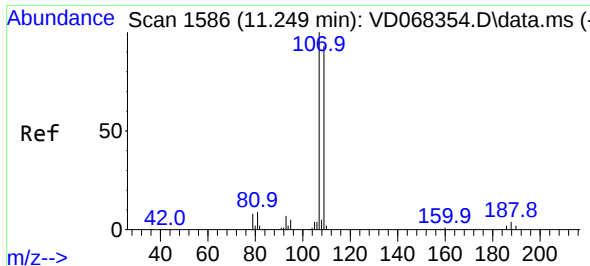
MMDadoda
2/25/2021 12:16:40 PM



#60
Dibromochloromethane
Concen: 48.37 ug/l
RT: 11.137 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

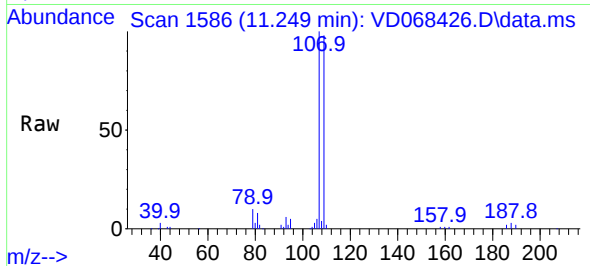
Tgt Ion: 129 Resp: 171074
Ion Ratio Lower Upper
129 100
127 79.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.12 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

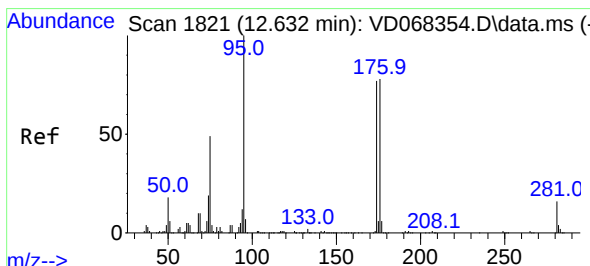
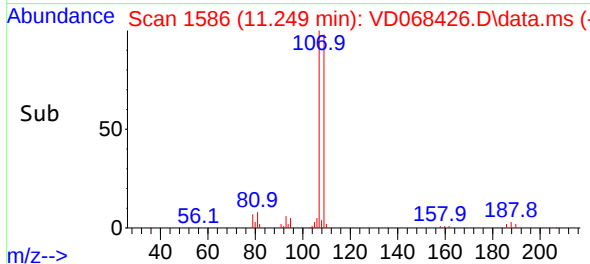
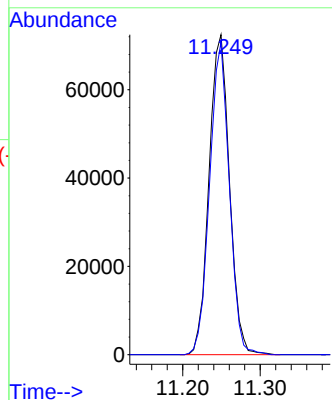
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



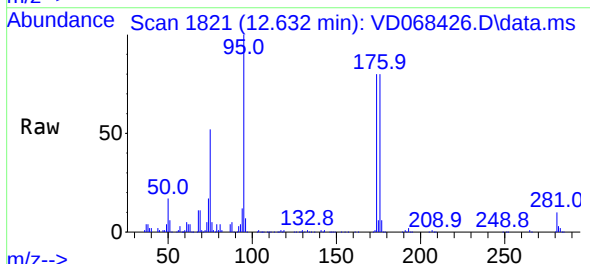
Tgt Ion:107 Resp: 132561
Ion Ratio Lower Upper
107 100
109 93.9 74.8 112.2

Manual Integrations
APPROVED

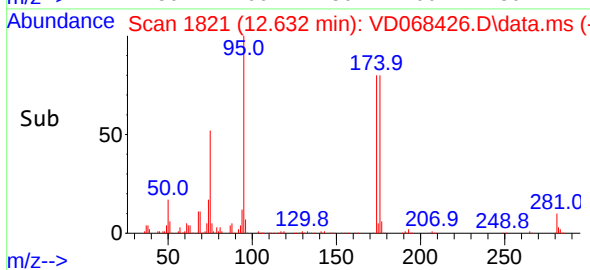
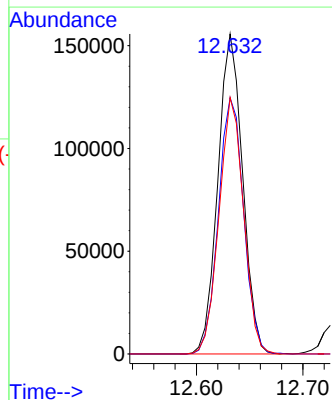
MMDadoda
2/25/2021 12:16:40 PM

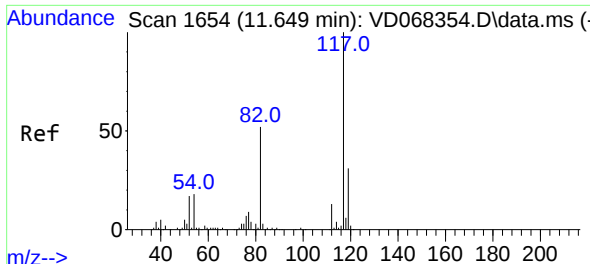


#62
4-Bromofluorobenzene
Concen: 50.68 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



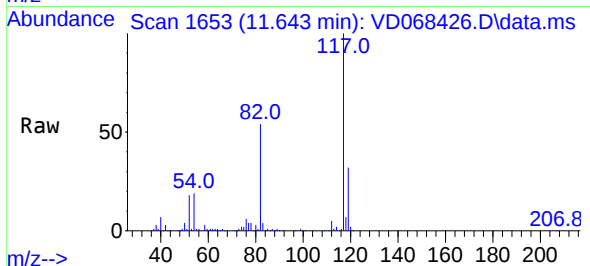
Tgt Ion: 95 Resp: 250896
Ion Ratio Lower Upper
95 100
174 81.7 0.0 172.4
176 79.4 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

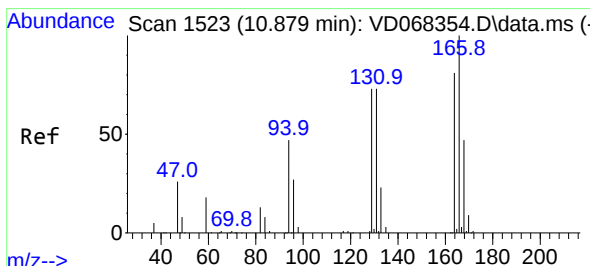
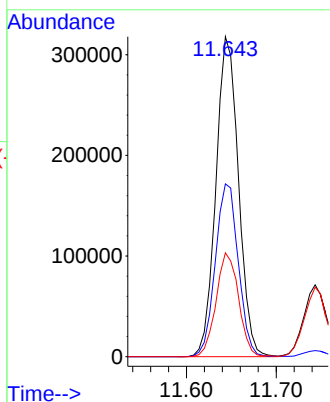
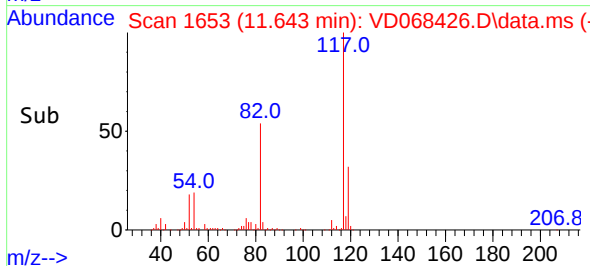
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



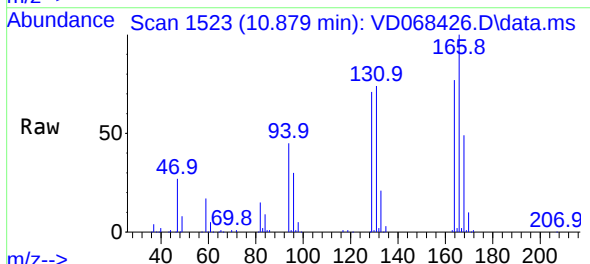
Tgt Ion:117 Resp: 555665
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.0
119 32.5 26.1 39.1

Manual Integrations
APPROVED

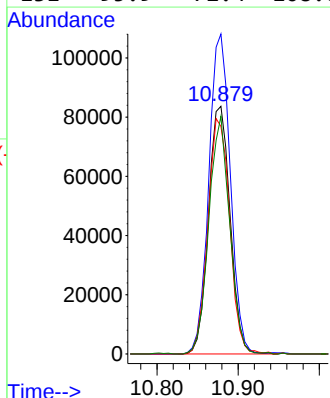
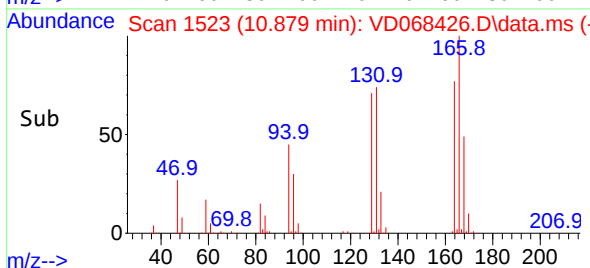
MMDadoda
2/25/2021 12:16:40 PM

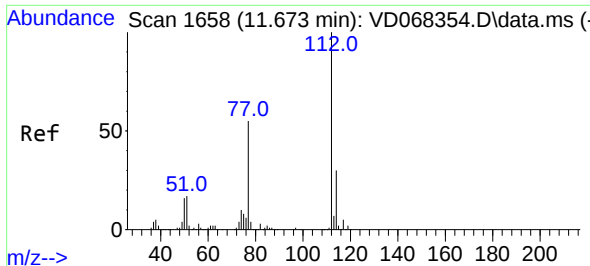


#64
Tetrachloroethene
Concen: 45.37 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

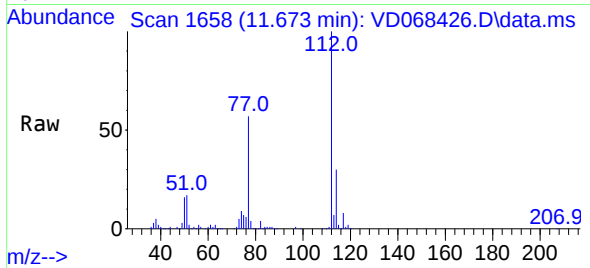


Tgt Ion:164 Resp: 155134
Ion Ratio Lower Upper
164 100
166 129.2 105.5 158.3
129 91.9 75.6 113.4
131 95.9 72.4 108.6

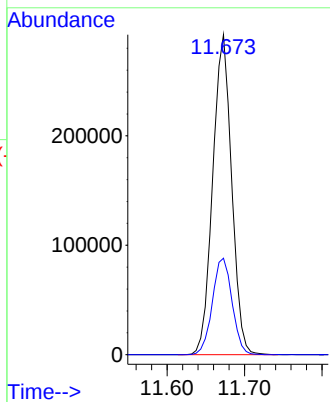
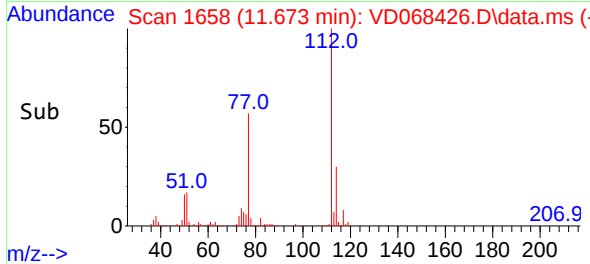




#65
Chlorobenzene
Concen: 46.34 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



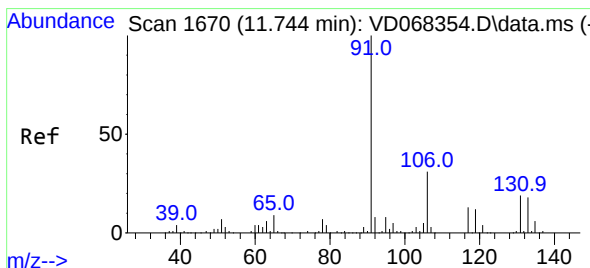
Tgt Ion:112 Resp: 495056
Ion Ratio Lower Upper
112 100
114 30.2 25.7 38.5



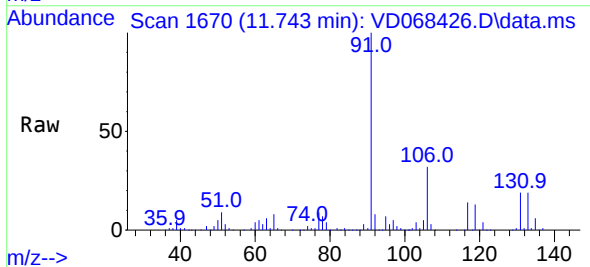
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

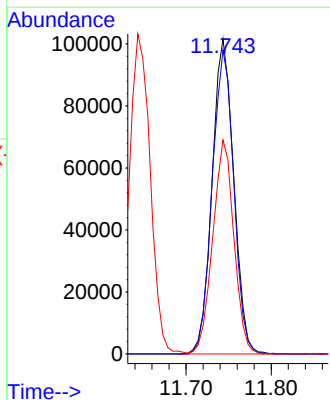
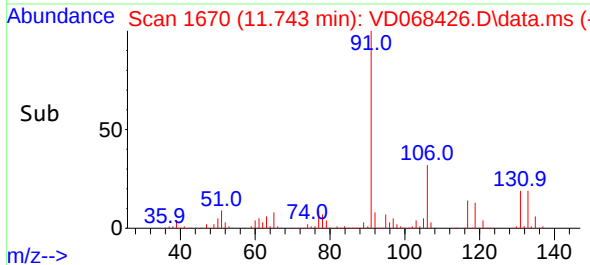
MMDadoda
2/25/2021 12:16:40 PM

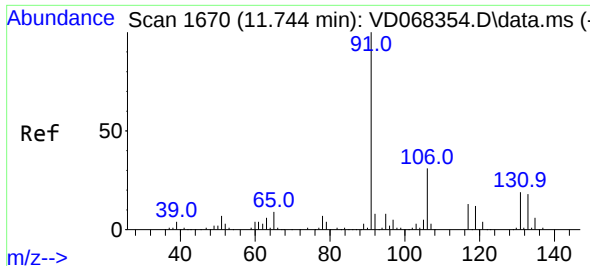


#66
1,1,1,2-Tetrachloroethane
Concen: 48.05 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



Tgt Ion:131 Resp: 179114
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.4
119 66.5 31.6 94.8





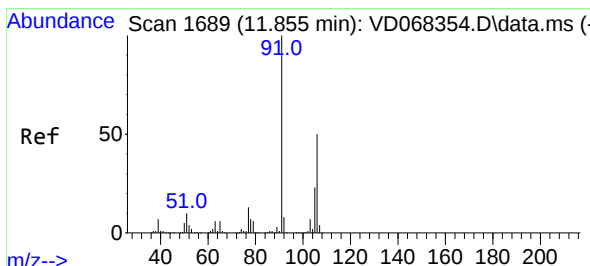
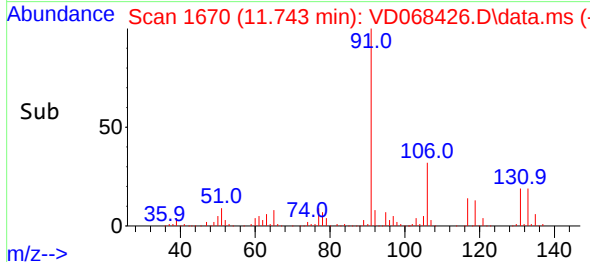
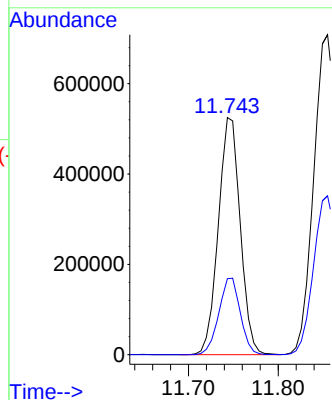
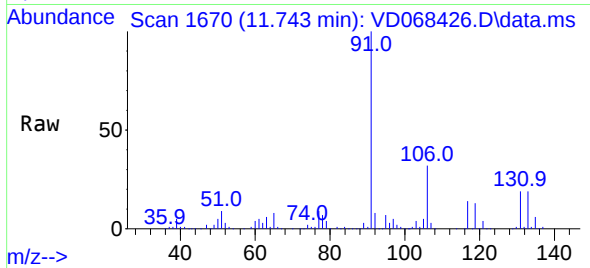
#67
Ethyl Benzene
Concen: 46.50 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 91 Resp: 890740
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

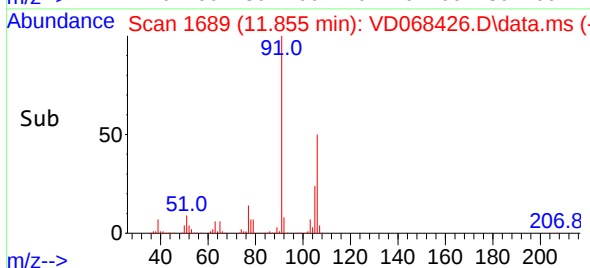
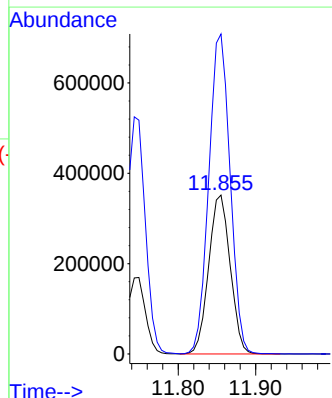
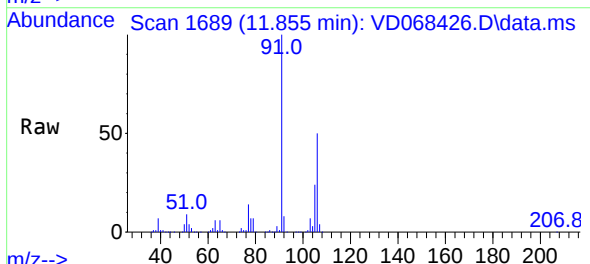
Manual Integrations
APPROVED

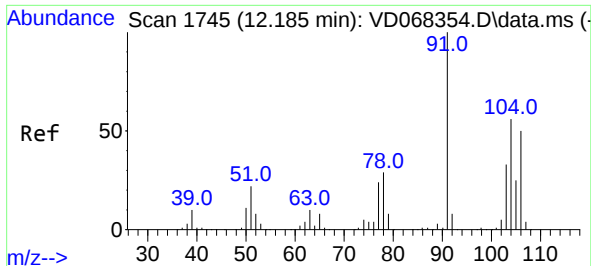
MMDadoda
2/25/2021 12:16:40 PM



#68
m/p-Xylenes
Concen: 93.72 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 106 Resp: 678504
Ion Ratio Lower Upper
106 100
91 199.6 159.1 238.7





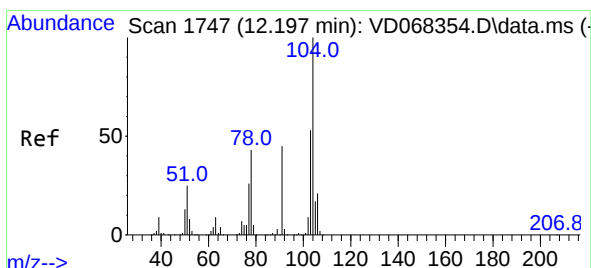
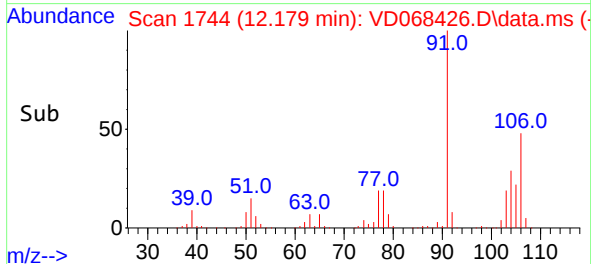
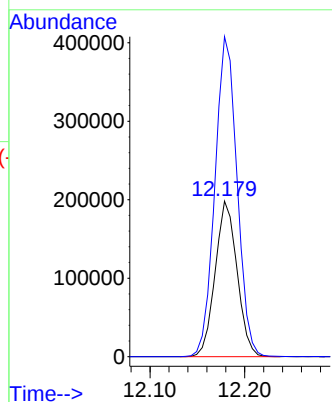
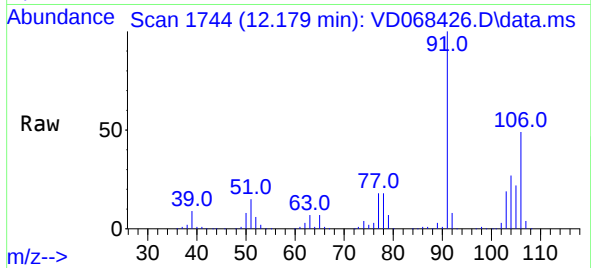
#69
o-Xylene
Concen: 47.89 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 318074
Ion Ratio Lower Upper
106 100
91 208.4 108.7 325.9

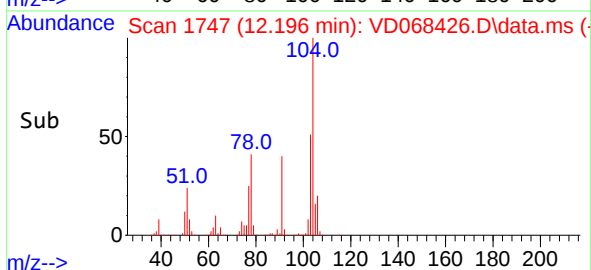
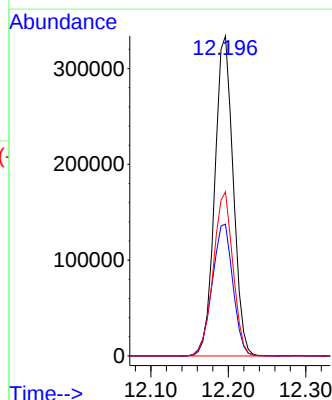
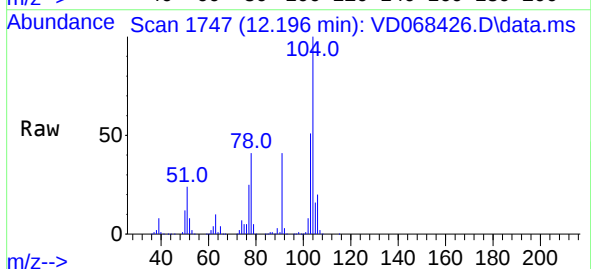
Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM



#70
Styrene
Concen: 47.78 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion:104 Resp: 552031
Ion Ratio Lower Upper
104 100
78 46.3 38.2 57.2
103 54.6 43.1 64.7





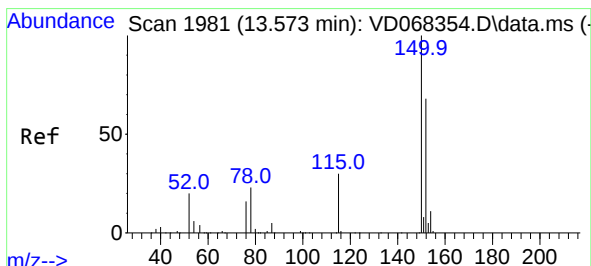
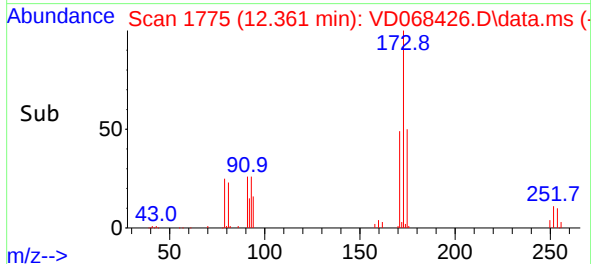
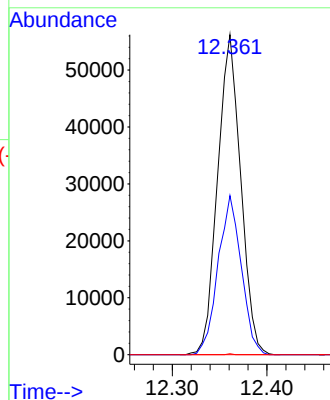
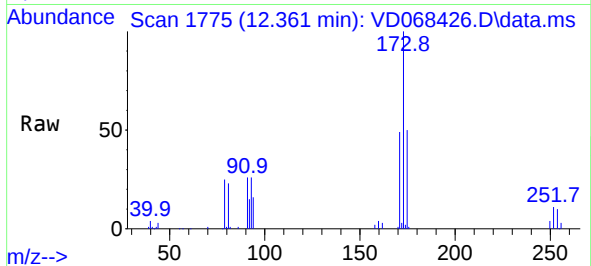
#71
Bromoform
Concen: 49.76 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion:173 Resp: 95306
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.8
254 0.1 0.0 0.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

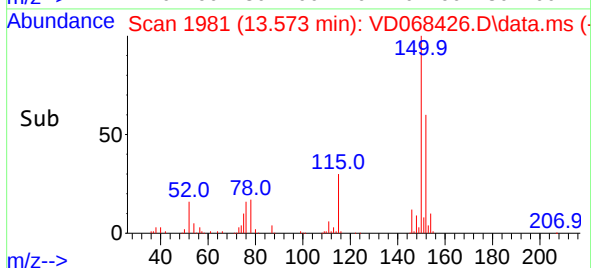
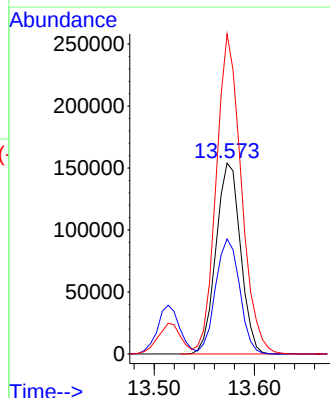
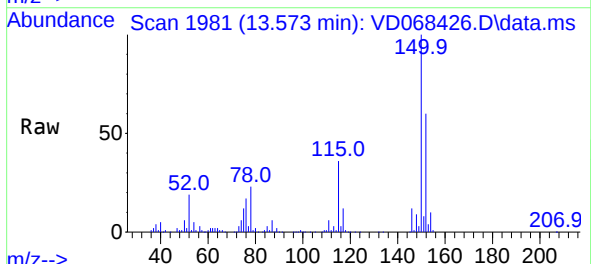
Manual Integrations
APPROVED

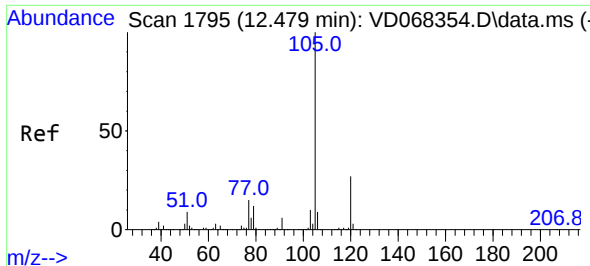
MMDadoda
2/25/2021 12:16:40 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

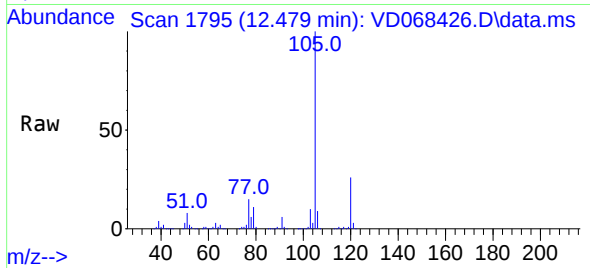
Tgt Ion:152 Resp: 261524
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 171.3 0.0 344.4





#73
Isopropylbenzene
Concen: 45.50 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

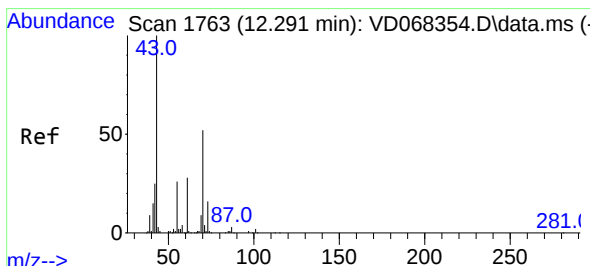
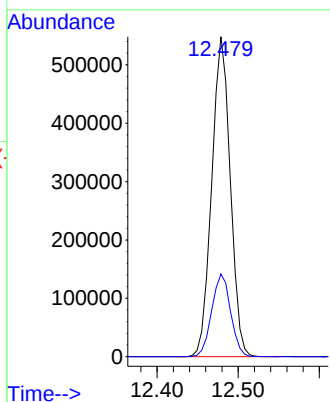
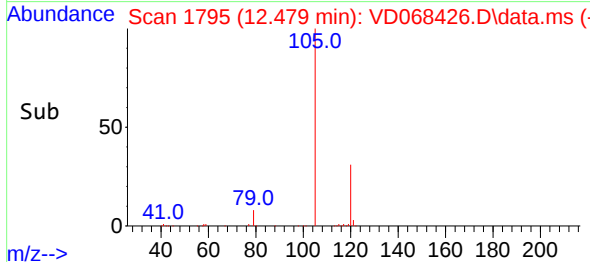
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



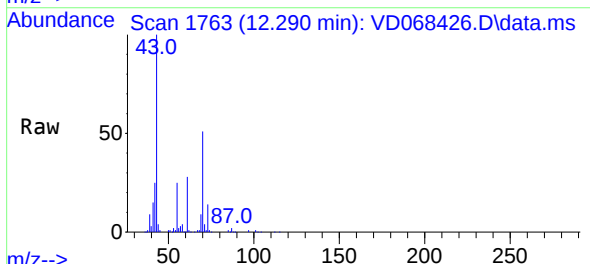
Tgt Ion:105 Resp: 869254
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6

Manual Integrations
APPROVED

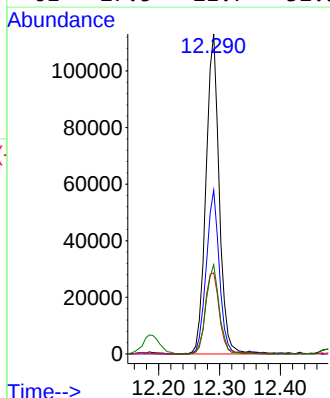
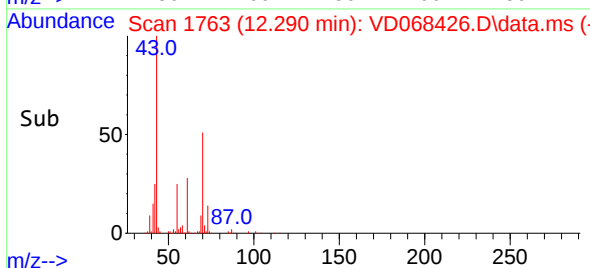
MMDadoda
2/25/2021 12:16:40 PM

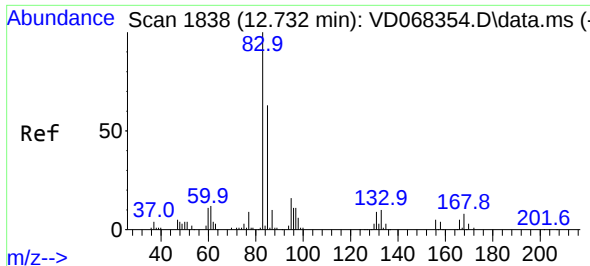


#74
N-ethyl acetate
Concen: 50.82 ug/l
RT: 12.290 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



Tgt Ion: 43 Resp: 171414
Ion Ratio Lower Upper
43 100
70 50.1 41.8 62.8
55 27.0 24.2 36.4
61 27.5 21.7 32.5





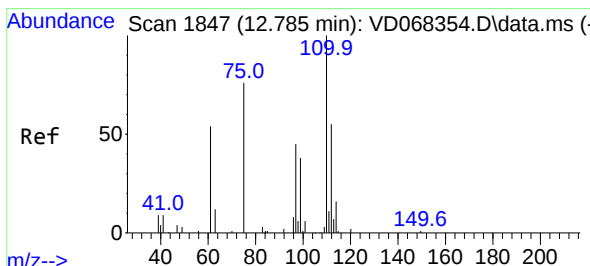
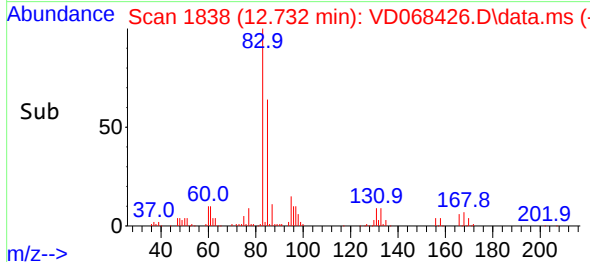
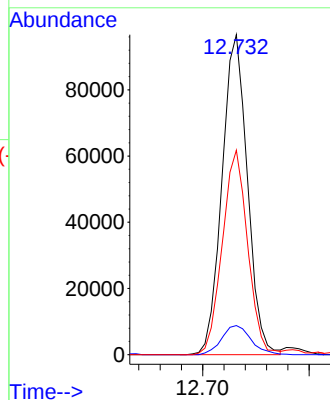
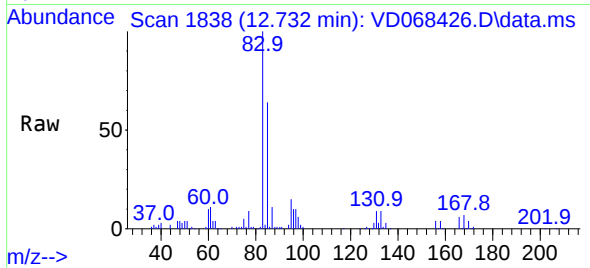
#75
1,1,2,2-Tetrachloroethane
Concen: 48.28 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 83 Resp: 159838
Ion Ratio Lower Upper
83 100
131 10.6 5.8 17.4
85 63.7 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

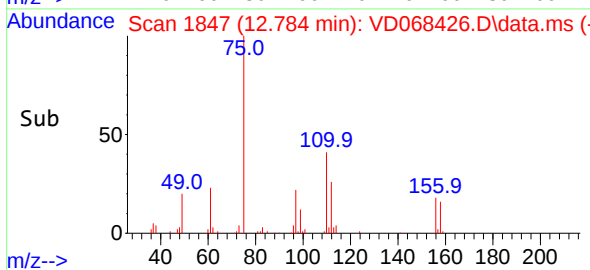
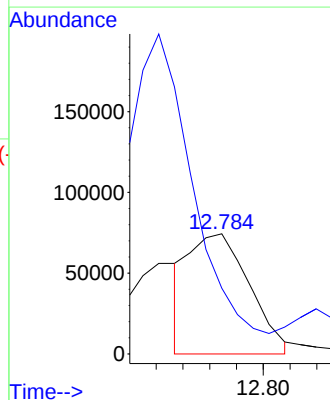
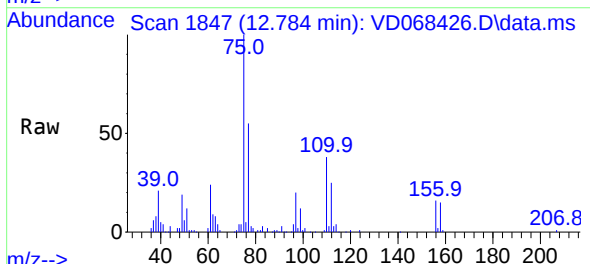
Manual Integrations
APPROVED

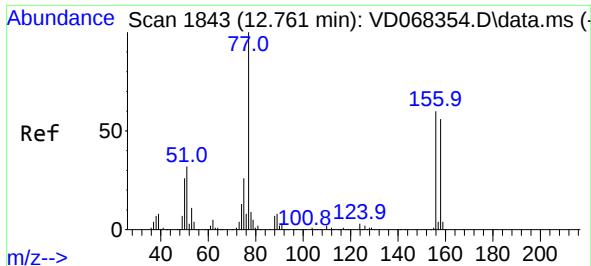
MMDadoda
2/25/2021 12:16:40 PM



#76
1,2,3-Trichloropropane
Concen: 46.97 ug/l m
RT: 12.784 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 75 Resp: 116885
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





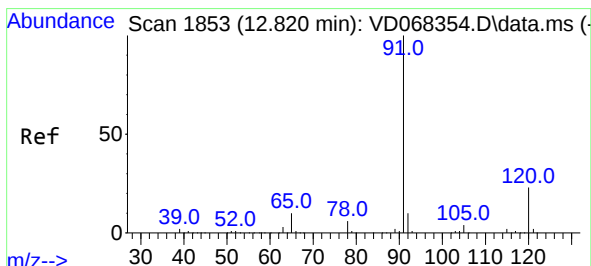
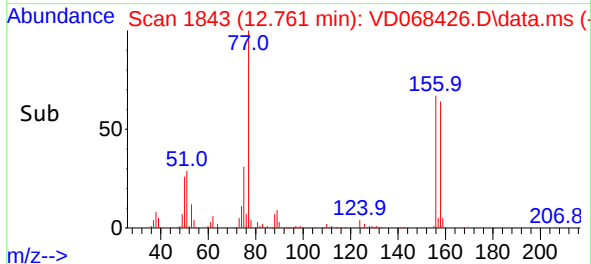
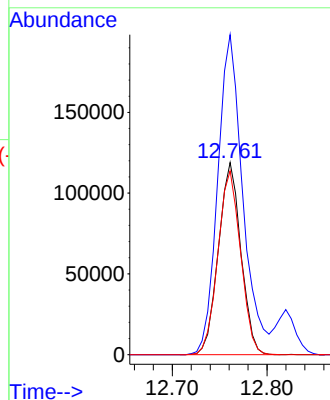
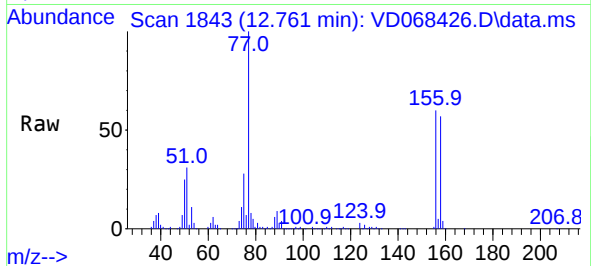
#77
Bromobenzene
Concen: 45.95 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion:156 Resp: 196096
Ion Ratio Lower Upper
156 100
77 185.9 82.8 248.3
158 96.6 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

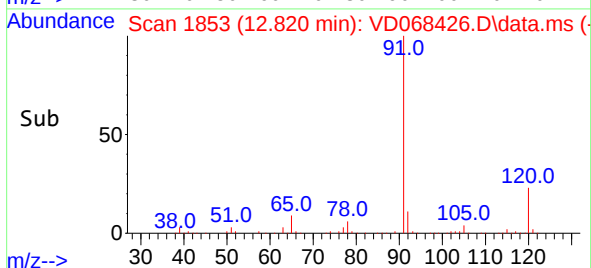
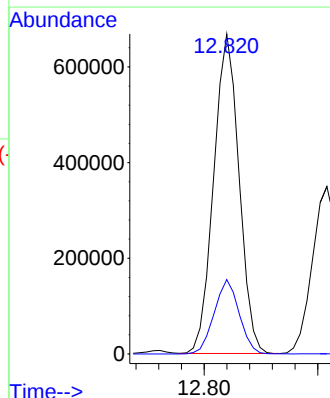
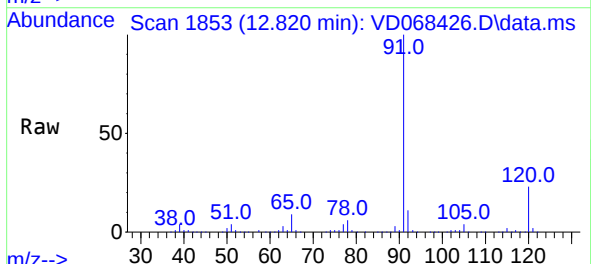
Manual Integrations
APPROVED

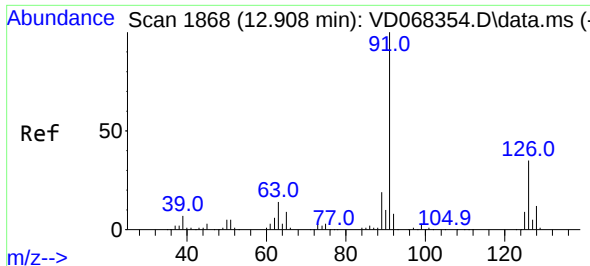
MMDadoda
2/25/2021 12:16:40 PM



#78
n-propylbenzene
Concen: 45.21 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 91 Resp: 1033771
Ion Ratio Lower Upper
91 100
120 22.9 12.0 36.0





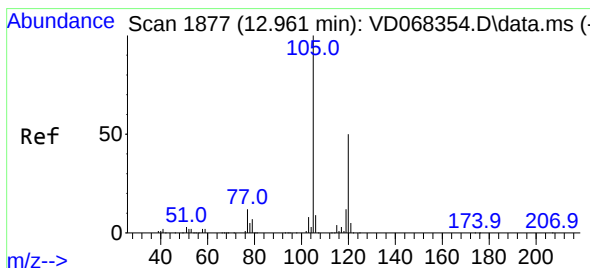
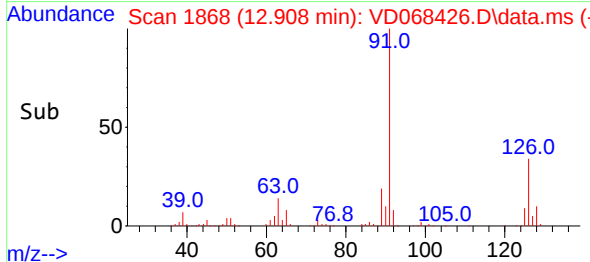
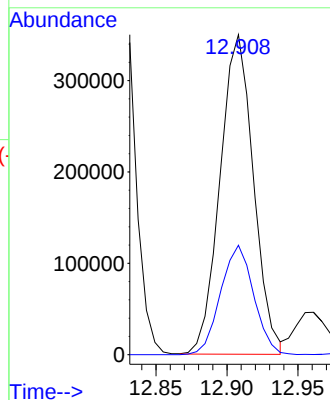
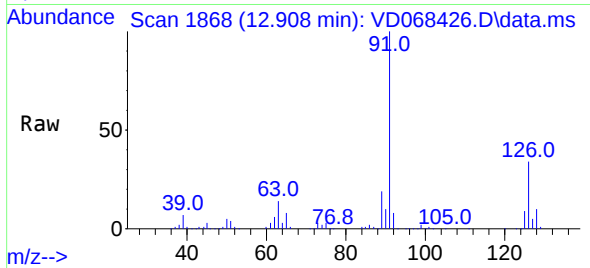
#79
2-Chlorotoluene
Concen: 45.20 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 91 Resp: 572414
Ion Ratio Lower Upper
91 100
126 33.9 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

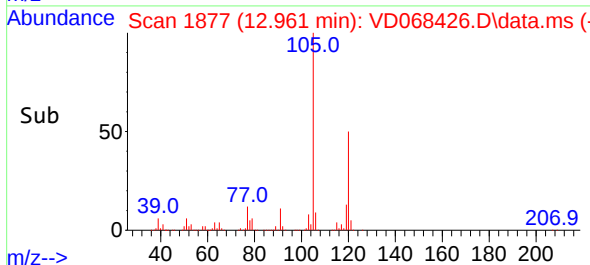
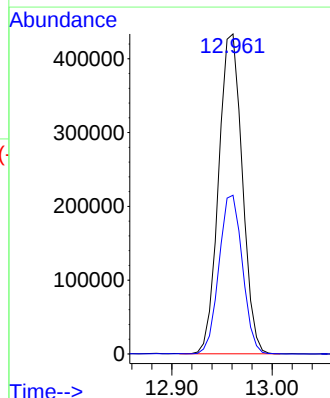
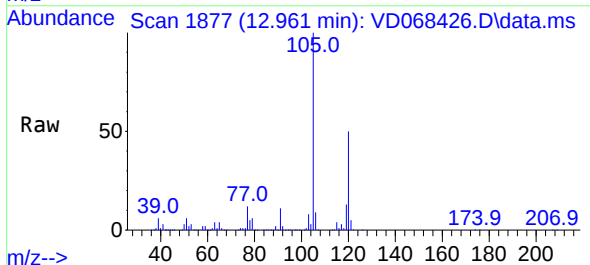
Manual Integrations
APPROVED

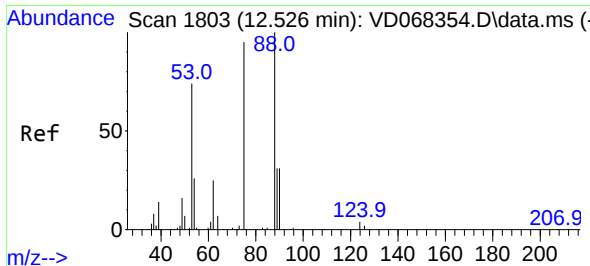
MMDadoda
2/25/2021 12:16:40 PM



#80
1,3,5-Trimethylbenzene
Concen: 45.46 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

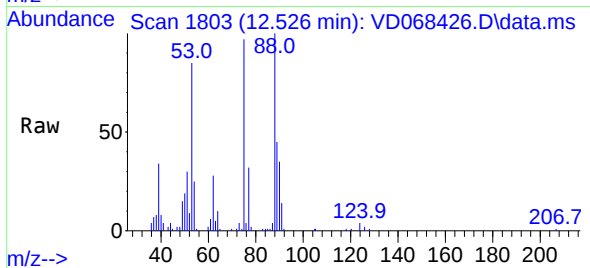
Tgt Ion:105 Resp: 709640
Ion Ratio Lower Upper
105 100
120 49.3 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.00 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

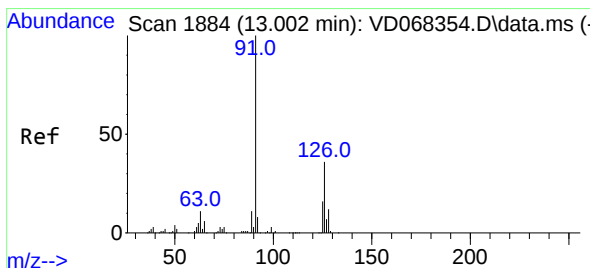
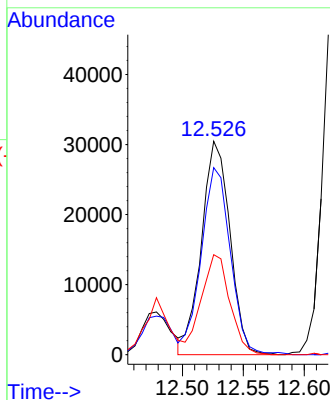
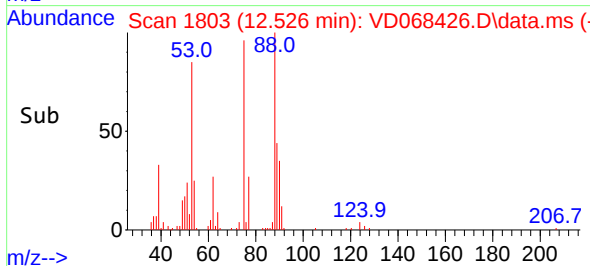
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



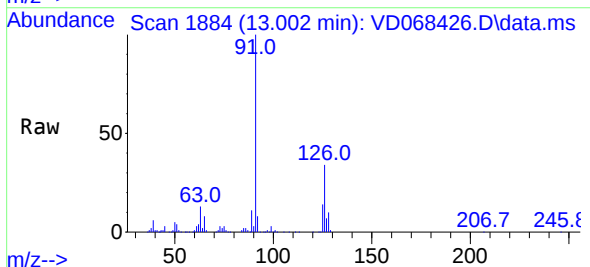
Tgt Ion: 75 Resp: 49642
Ion Ratio Lower Upper
75 100
53 90.1 70.2 105.2
89 46.6 40.3 60.5

Manual Integrations
APPROVED

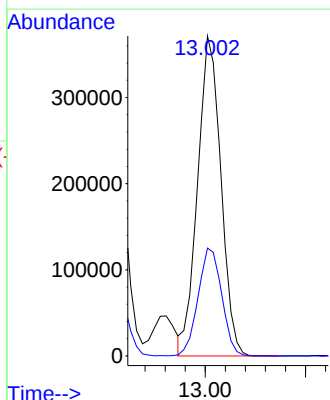
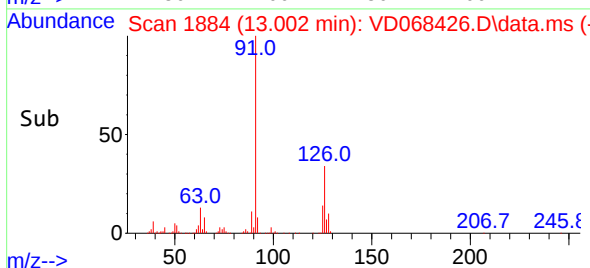
MMDadoda
2/25/2021 12:16:40 PM

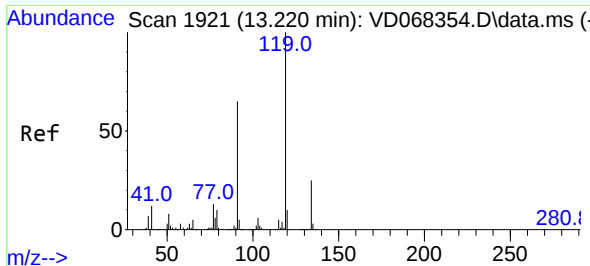


#82
4-Chlorotoluene
Concen: 44.82 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



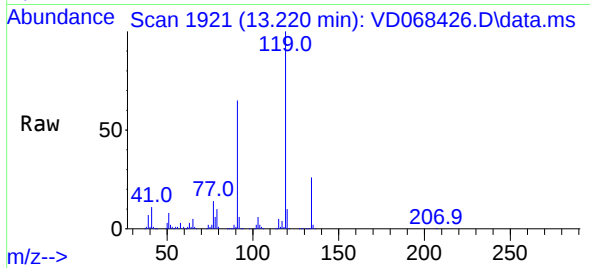
Tgt Ion: 91 Resp: 600071
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1





#83
tert-Butylbenzene
Concen: 45.38 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

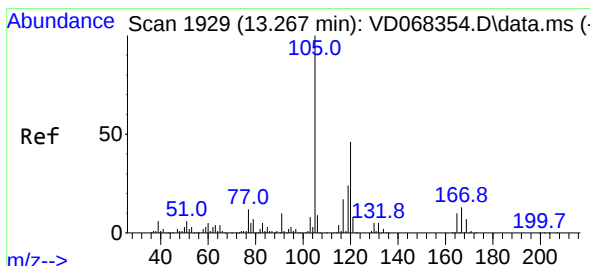
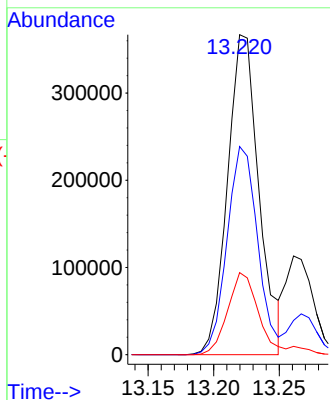
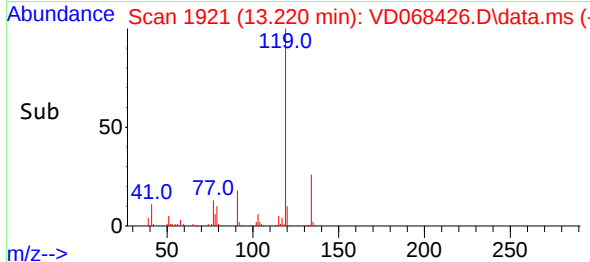
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



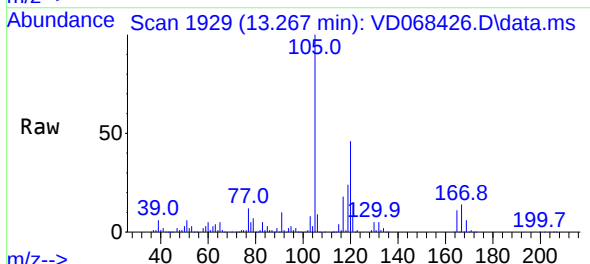
Tgt Ion:119 Resp: 614508
Ion Ratio Lower Upper
119 100
91 63.3 31.1 93.5
134 24.8 13.3 39.8

Manual Integrations
APPROVED

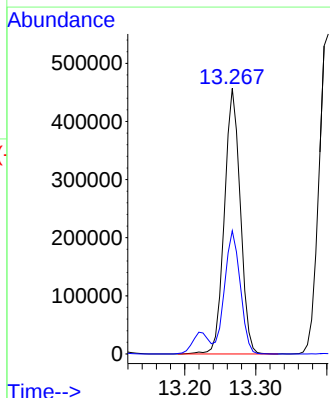
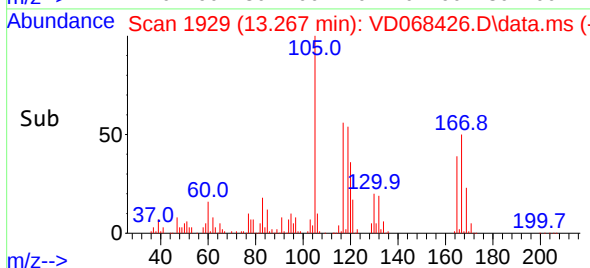
MMDadoda
2/25/2021 12:16:40 PM

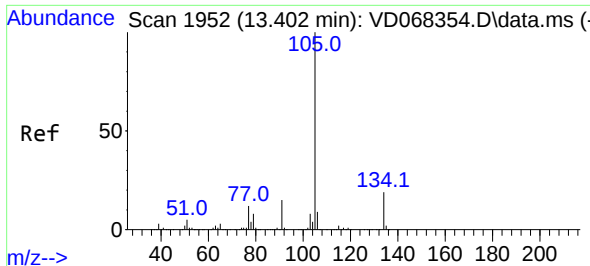


#84
1,2,4-Trimethylbenzene
Concen: 45.45 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



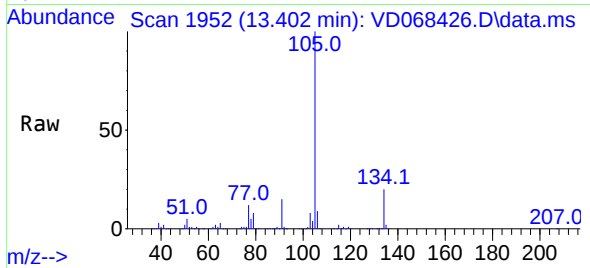
Tgt Ion:105 Resp: 706863
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 45.73 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VD068426.D
 Acq: 24 Feb 2021 09:41

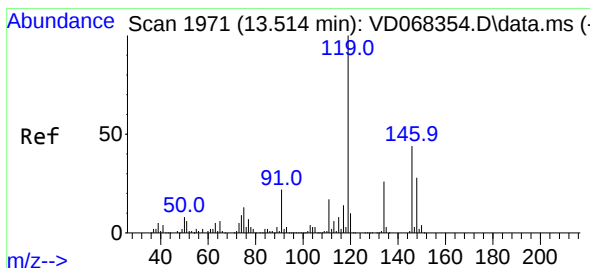
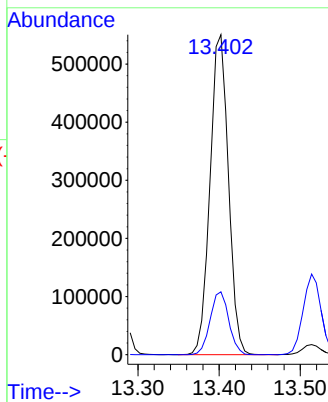
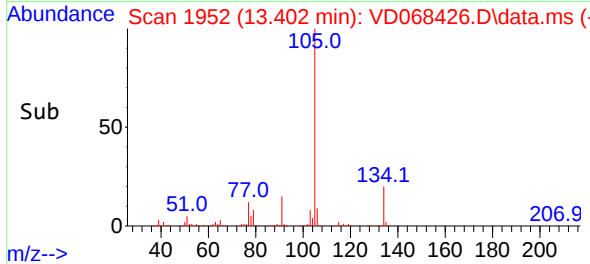
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



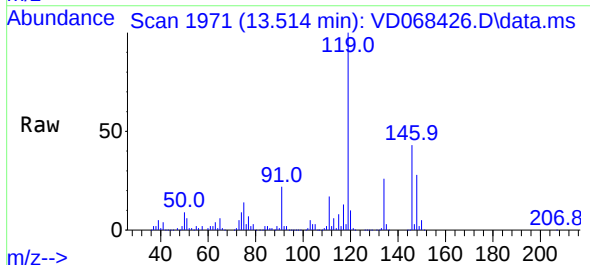
Tgt Ion:105 Resp: 866091
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.9

Manual Integrations
 APPROVED

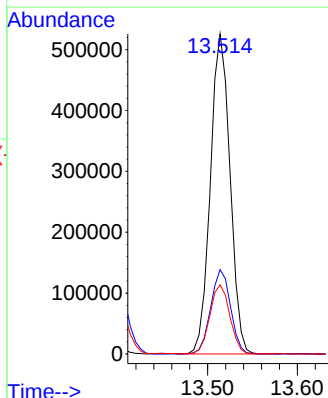
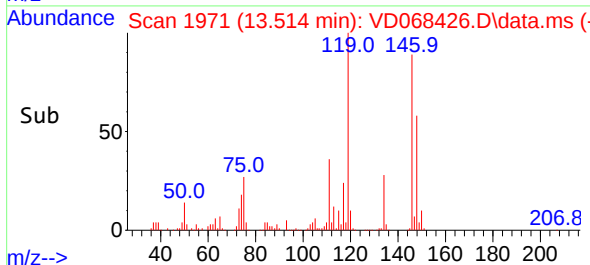
MMDadoda
 2/25/2021 12:16:40 PM

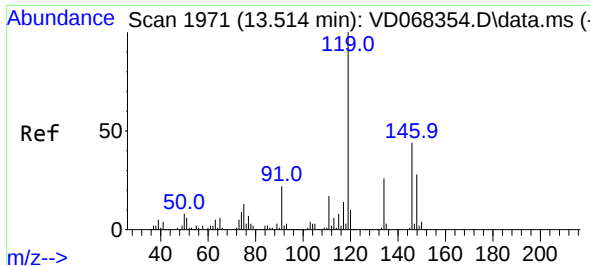


#86
 p-Isopropyltoluene
 Concen: 46.99 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD068426.D
 Acq: 24 Feb 2021 09:41

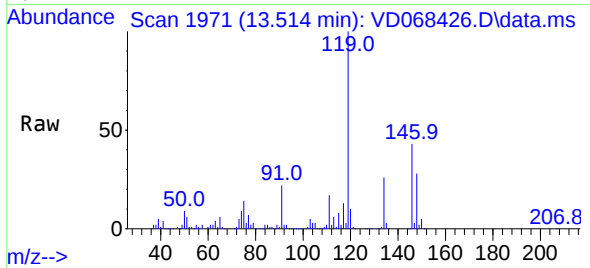


Tgt Ion:119 Resp: 798899
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 21.8 11.7 35.0

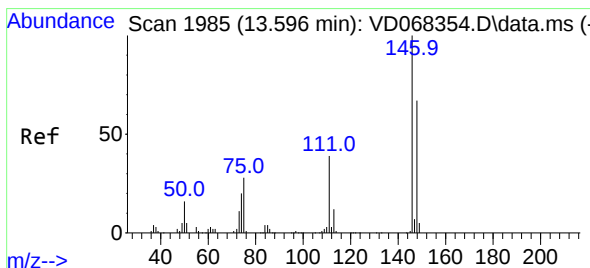
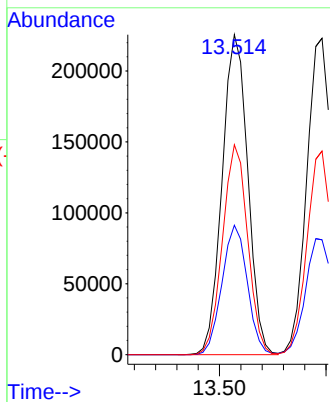
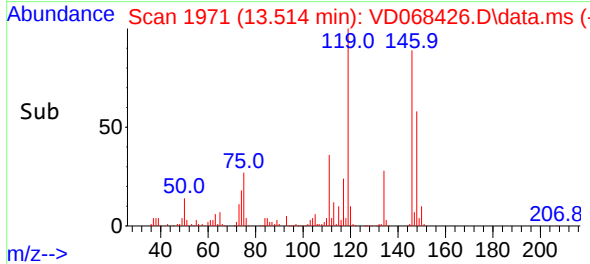




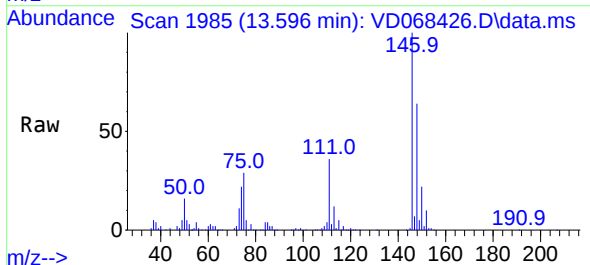
#87
1,3-Dichlorobenzene
Concen: 45.67 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



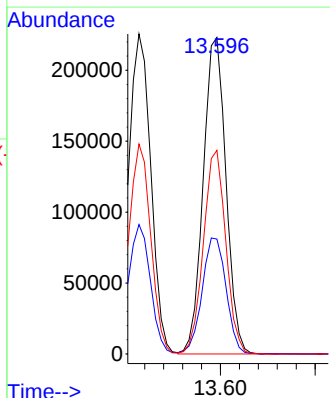
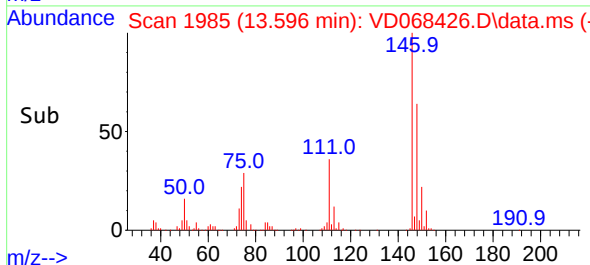
Tgt Ion:146 Resp: 377076
Ion Ratio Lower Upper
146 100
111 40.0 19.5 58.5
148 64.3 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 45.23 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



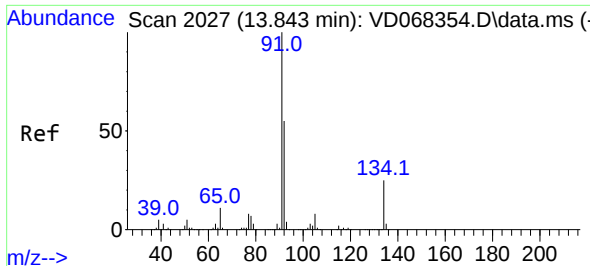
Tgt Ion:146 Resp: 371537
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.1
148 63.4 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM



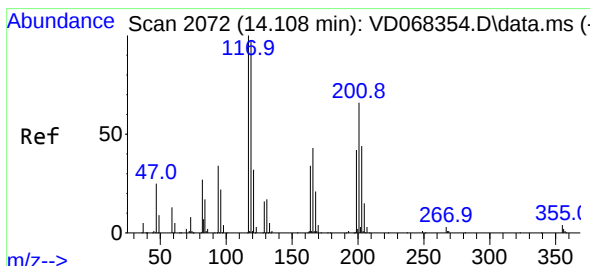
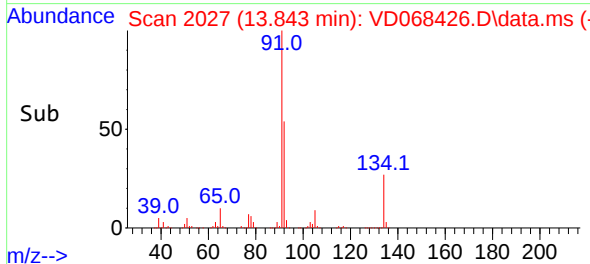
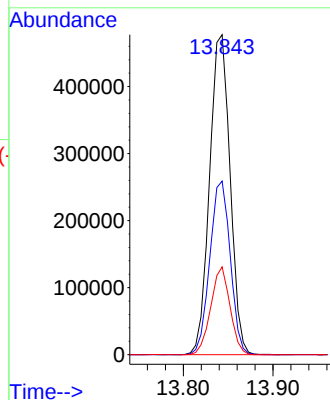
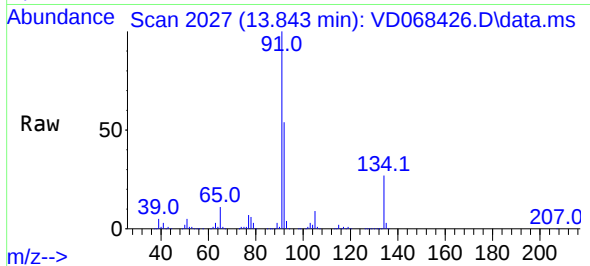
#89
n-Butylbenzene
Concen: 45.70 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 91 Resp: 758274
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 25.8 13.9 41.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

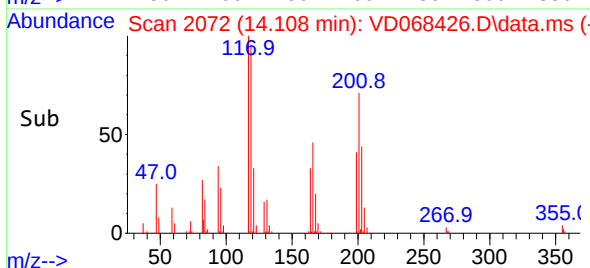
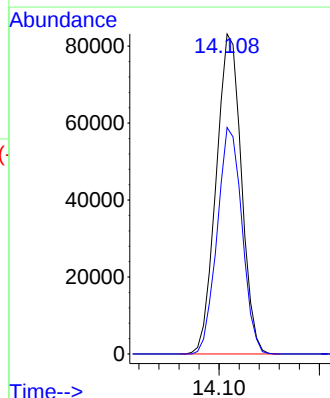
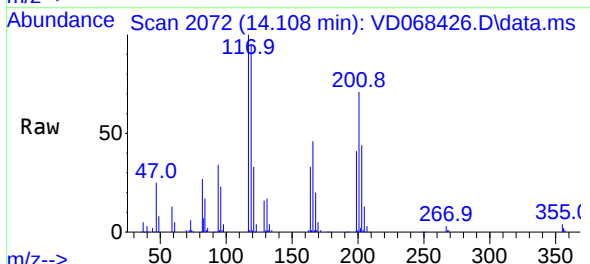
Manual Integrations
APPROVED

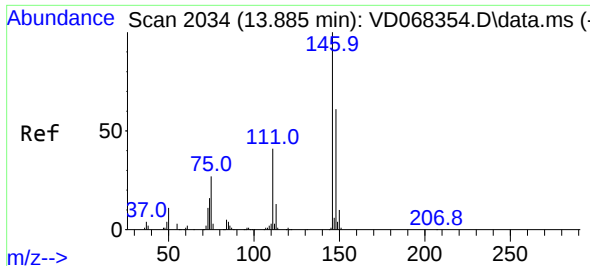
MMDadoda
2/25/2021 12:16:40 PM



#90
Hexachloroethane
Concen: 46.94 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion: 117 Resp: 144892
Ion Ratio Lower Upper
117 100
201 69.8 39.5 118.5





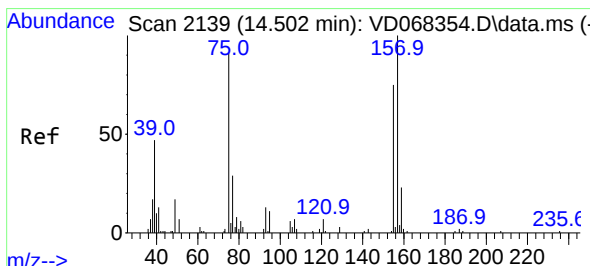
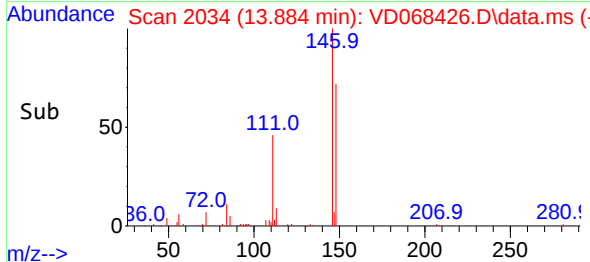
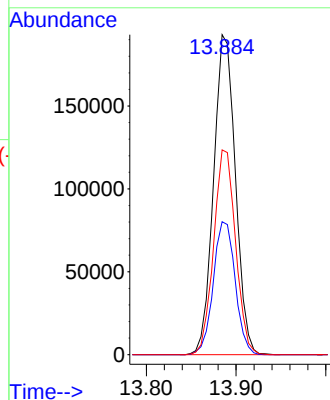
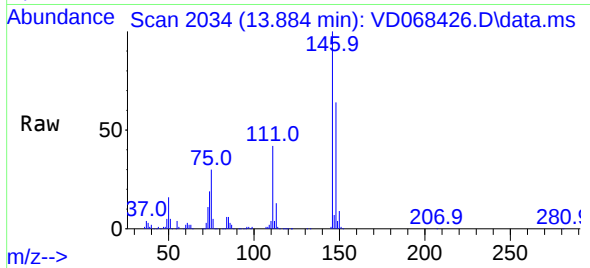
#91
1,2-Dichlorobenzene
Concen: 45.56 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

Tgt Ion:146 Resp: 326183
Ion Ratio Lower Upper
146 100
111 41.8 20.3 60.9
148 64.2 31.7 95.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

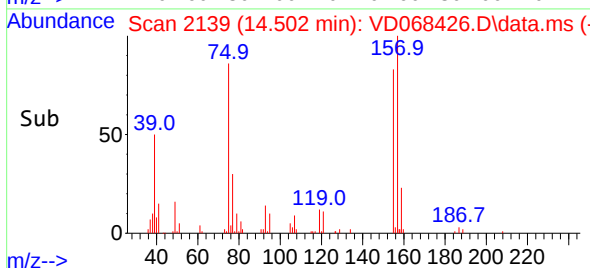
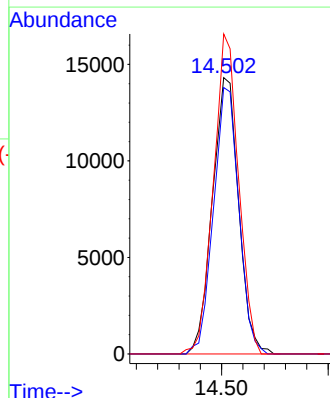
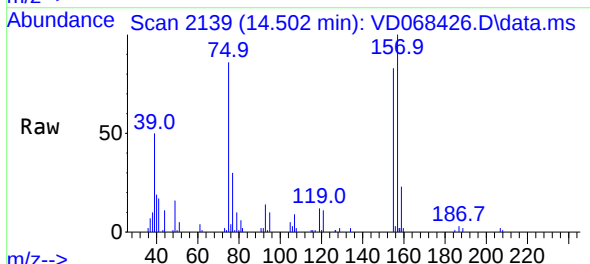
Manual Integrations
APPROVED

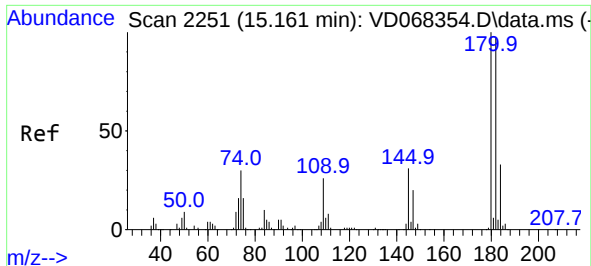
MMDadoda
2/25/2021 12:16:40 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.52 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

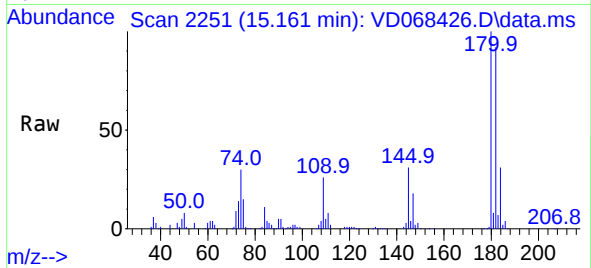
Tgt Ion: 75 Resp: 24455
Ion Ratio Lower Upper
75 100
155 92.8 48.0 144.2
157 110.9 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 47.59 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

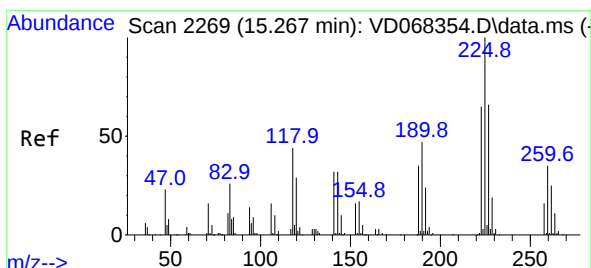
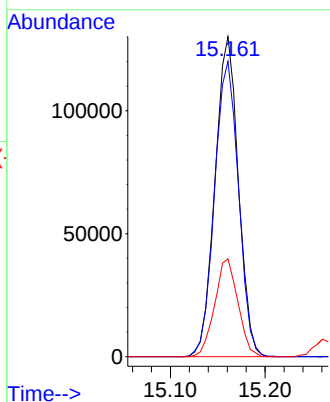
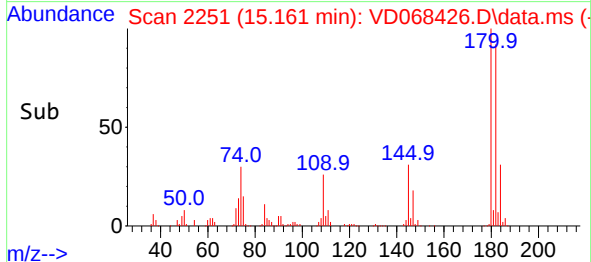
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



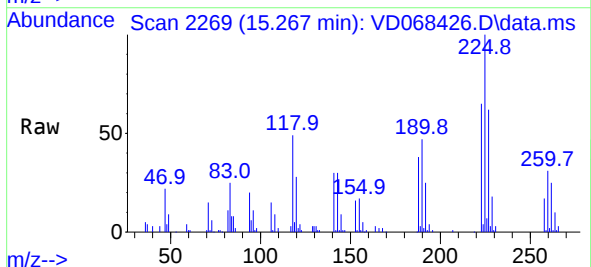
Tgt Ion:180 Resp: 223147
Ion Ratio Lower Upper
180 100
182 94.5 46.8 140.4
145 30.4 15.2 45.5

Manual Integrations
APPROVED

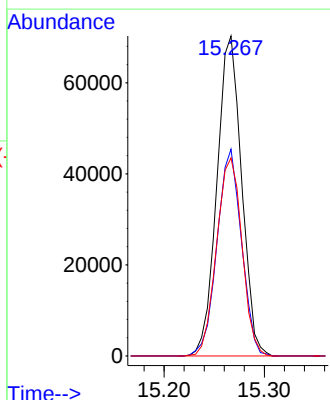
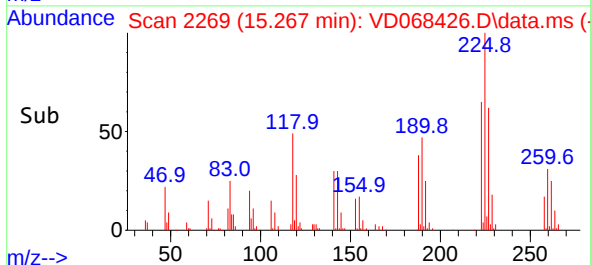
MMDadoda
2/25/2021 12:16:40 PM

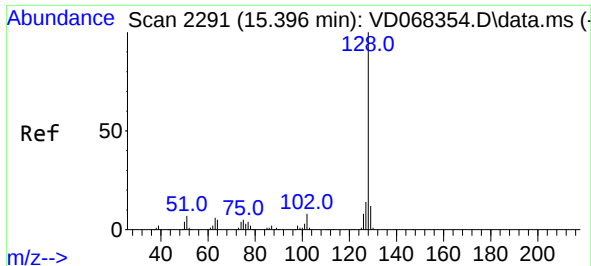


#94
Hexachlorobutadiene
Concen: 46.51 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

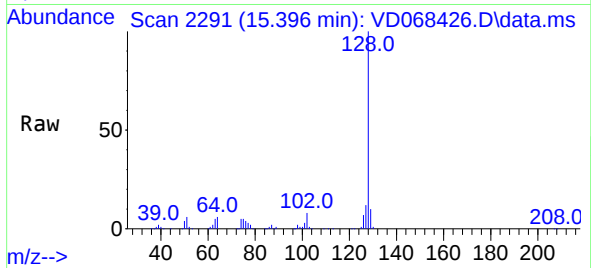


Tgt Ion:225 Resp: 119943
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.5
227 63.5 32.1 96.5



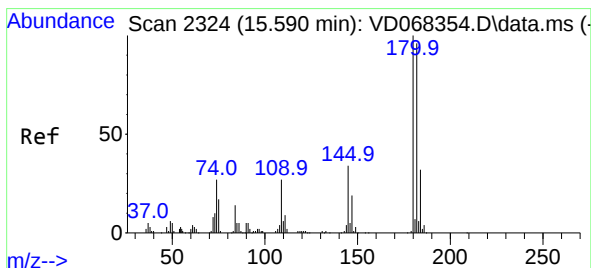
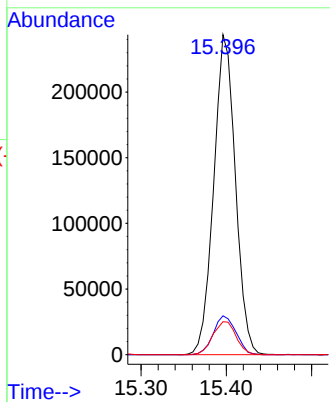
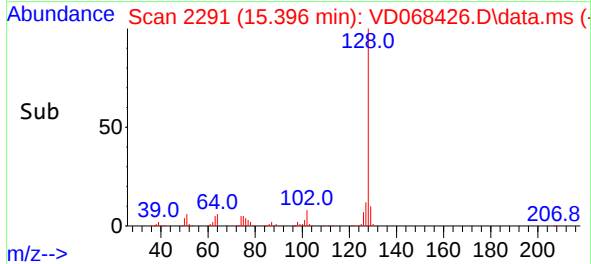


#95
Naphthalene
Concen: 49.34 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41

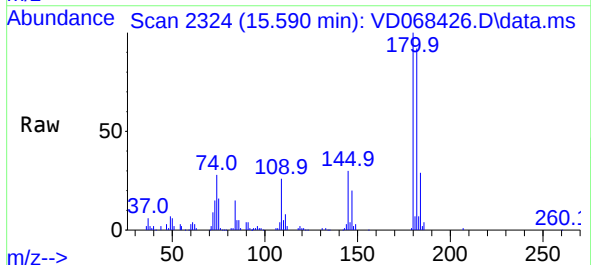


Tgt Ion:128 Resp: 430076

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.2	8.8	13.2

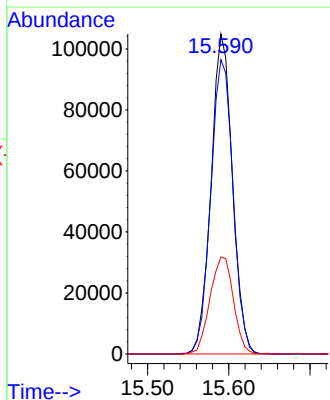
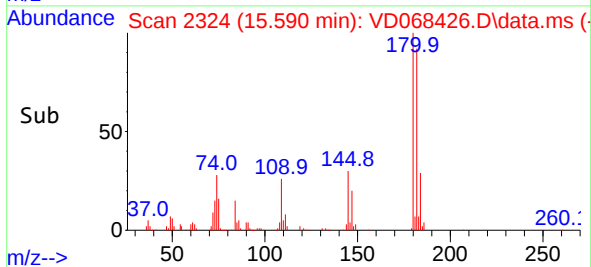


#96
1,2,3-Trichlorobenzene
Concen: 46.79 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068426.D
Acq: 24 Feb 2021 09:41



Tgt Ion:180 Resp: 191359

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.3	144.8
145	33.2	16.7	50.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:40 PM