

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068869.D
 Acq On : 16 Apr 2021 11:50
 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
 4/19/2021 1:27:43 PM

Quant Time: Apr 16 23:47:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	187177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	298079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	279832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	133161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	85629	43.29	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.58%		
35) Dibromofluoromethane	7.914	113	94908	48.95	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.90%		
50) Toluene-d8	10.338	98	362312	49.54	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.08%		
62) 4-Bromofluorobenzene	12.632	95	116736	48.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	86389	46.58	ug/l	98
3) Chloromethane	2.209	50	93822	43.03	ug/l	97
4) Vinyl Chloride	2.350	62	130643	47.69	ug/l	98
5) Bromomethane	2.768	94	93721	45.77	ug/l	100
6) Chloroethane	2.921	64	84328	46.85	ug/l	96
7) Trichlorofluoromethane	3.273	101	161374	50.07	ug/l	100
8) Diethyl Ether	3.709	74	40981	47.08	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	97701	50.23	ug/l	98
10) Methyl Iodide	4.303	142	94408	41.86	ug/l	99
11) Tert butyl alcohol	5.226	59	26626	254.04	ug/l #	92
12) 1,1-Dichloroethene	4.068	96	91435	48.80	ug/l	98
13) Acrolein	3.926	56	18070	232.08	ug/l	99
14) Allyl chloride	4.720	41	95961	45.45	ug/l	93
15) Acrylonitrile	5.420	53	81699	209.14	ug/l	95
16) Acetone	4.156	43	75793	276.68	ug/l	100
17) Carbon Disulfide	4.409	76	279538	46.10	ug/l	100
18) Methyl Acetate	4.715	43	32800	43.59	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	188501	45.34	ug/l	98
20) Methylene Chloride	4.968	84	97289	43.19	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	105381	43.80	ug/l	93
22) Diisopropyl ether	6.362	45	221444	43.28	ug/l	95
23) Vinyl Acetate	6.309	43	622968	229.76	ug/l	97
24) 1,1-Dichloroethane	6.262	63	167936	43.54	ug/l	99
25) 2-Butanone	7.209	43	98266	253.50	ug/l	97
26) 2,2-Dichloropropane	7.203	77	160641	50.98	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	118434	49.53	ug/l	99
28) Bromochloromethane	7.550	49	67520	48.50	ug/l	94
29) Tetrahydrofuran	7.562	42	55928	214.54	ug/l	94
30) Chloroform	7.709	83	189483	44.88	ug/l	98
31) Cyclohexane	7.985	56	146196	44.41	ug/l	99
32) 1,1,1-Trichloroethane	7.909	97	171060	46.37	ug/l	99
36) 1,1-Dichloropropene	8.109	75	151557	50.23	ug/l	98
37) Ethyl Acetate	7.291	43	41385	46.70	ug/l	96
38) Carbon Tetrachloride	8.097	117	154681	51.78	ug/l	99
39) Methylcyclohexane	9.356	83	185027	52.59	ug/l	99
40) Benzene	8.350	78	422307	47.83	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068869.D
 Acq On : 16 Apr 2021 11:50
 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
 4/19/2021 1:27:43 PM

Quant Time: Apr 16 23:47:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	22648m	43.17	ug/l	
42) 1,2-Dichloroethane	8.426	62	110293	47.26	ug/l	98
43) Isopropyl Acetate	8.450	43	87328	48.34	ug/l	99
44) Trichloroethene	9.114	130	119208	48.88	ug/l	96
45) 1,2-Dichloropropane	9.385	63	98923	46.91	ug/l	98
46) Dibromomethane	9.473	93	57728	49.14	ug/l	97
47) Bromodichloromethane	9.661	83	148252	48.31	ug/l	94
48) Methyl methacrylate	9.456	41	44903	50.44	ug/l	97
49) 1,4-Dioxane	9.461	88	12533	1007.68	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	223913	245.90	ug/l	99
52) Toluene	10.403	92	280190	50.12	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	135293	49.74	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	159572	49.04	ug/l	99
55) 1,1,2-Trichloroethane	10.803	97	80124	48.24	ug/l	97
56) Ethyl methacrylate	10.661	69	87522	51.19	ug/l	99
57) 1,3-Dichloropropane	10.944	76	130653	47.77	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	219560	241.79	ug/l	98
59) 2-Hexanone	10.985	43	162449	266.62	ug/l	99
60) Dibromochloromethane	11.138	129	104260	50.06	ug/l	99
61) 1,2-Dibromoethane	11.244	107	76667	47.49	ug/l	97
64) Tetrachloroethene	10.873	164	99817	50.89	ug/l	97
65) Chlorobenzene	11.667	112	301024	49.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	107201	49.22	ug/l	98
67) Ethyl Benzene	11.744	91	545077	51.96	ug/l	98
68) m/p-Xylenes	11.850	106	422594	104.41	ug/l	98
69) o-Xylene	12.179	106	188714	51.27	ug/l	100
70) Styrene	12.191	104	327731	51.09	ug/l	100
71) Bromoform	12.361	173	58575	50.20	ug/l #	100
73) Isopropylbenzene	12.479	105	525963	54.10	ug/l	100
74) N-amyl acetate	12.285	43	82936	50.30	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	88008	48.43	ug/l	100
76) 1,2,3-Trichloropropane	12.779	75	56578m	46.51	ug/l	
77) Bromobenzene	12.755	156	118267	50.60	ug/l	95
78) n-propylbenzene	12.820	91	628861	53.25	ug/l	99
79) 2-Chlorotoluene	12.902	91	339276	51.43	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	437745	53.85	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	27157	51.81	ug/l	99
82) 4-Chlorotoluene	13.002	91	356910	51.04	ug/l	97
83) tert-Butylbenzene	13.220	119	366109	53.08	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	438065	53.36	ug/l	98
85) sec-Butylbenzene	13.397	105	524456	53.89	ug/l	98
86) p-Isopropyltoluene	13.514	119	490225	55.15	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	236673	51.11	ug/l	97
88) 1,4-Dichlorobenzene	13.591	146	231845	50.59	ug/l	99
89) n-Butylbenzene	13.838	91	456217	54.49	ug/l	99
90) Hexachloroethane	14.108	117	91927	51.92	ug/l	97
91) 1,2-Dichlorobenzene	13.885	146	201184	50.20	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	12995	47.04	ug/l	99
93) 1,2,4-Trichlorobenzene	15.155	180	129945	52.40	ug/l	98
94) Hexachlorobutadiene	15.261	225	77133	54.33	ug/l	97
95) Naphthalene	15.396	128	234168	54.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.591	180	113210	52.20	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
Data File : VD068869.D
Acq On : 16 Apr 2021 11:50
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
4/19/2021 1:27:43 PM

Quant Time: Apr 16 23:47:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

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

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

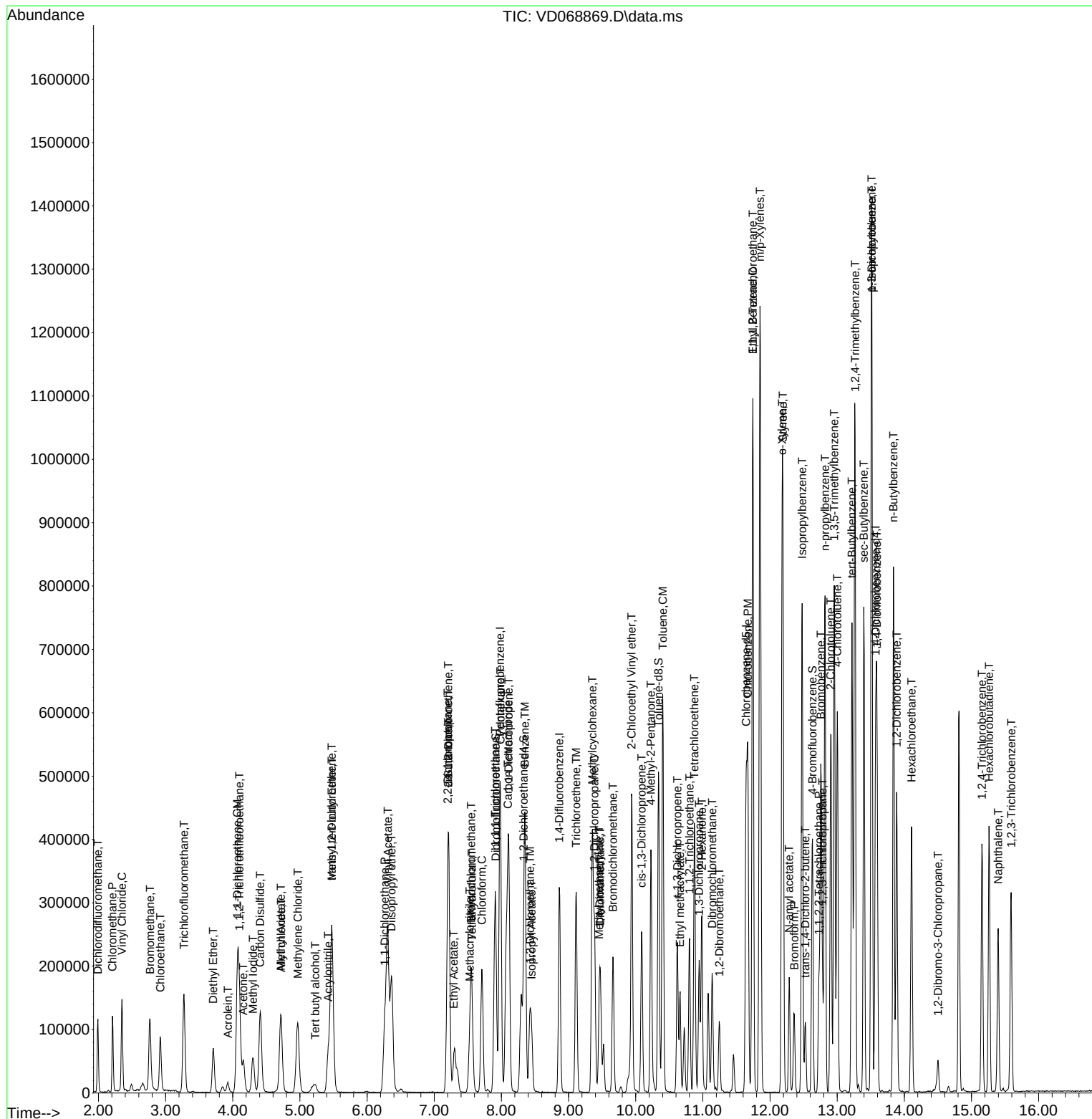
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068869.D
 Acq On : 16 Apr 2021 11:50
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

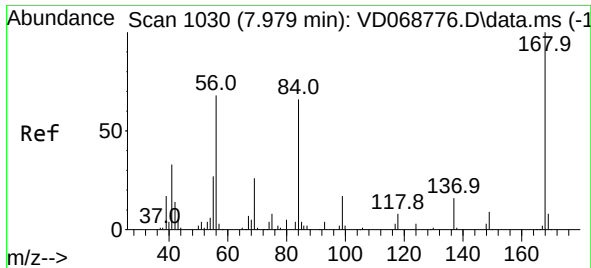
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

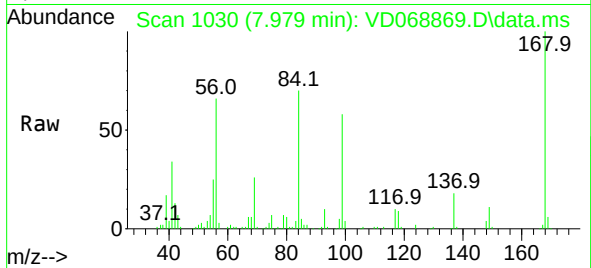
MMDadoda
 4/19/2021 1:27:43 PM

Quant Time: Apr 16 23:47:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

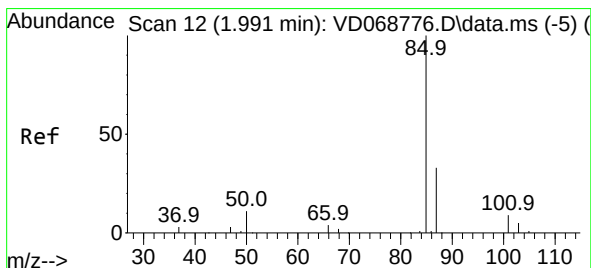
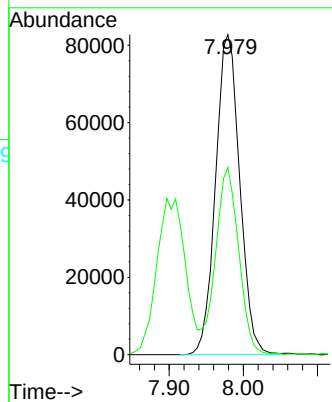
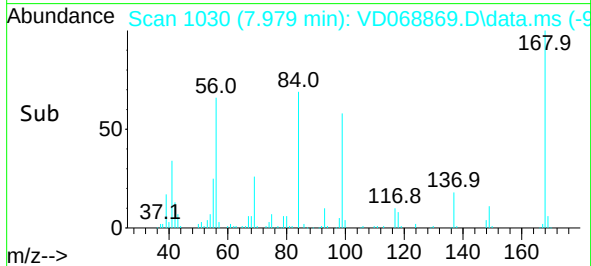




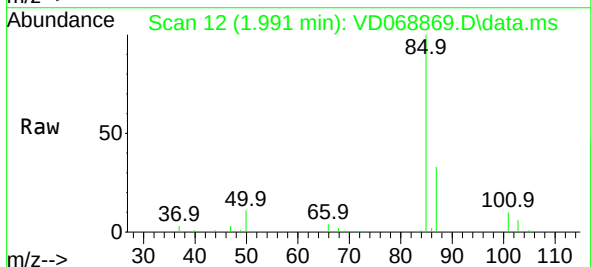
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



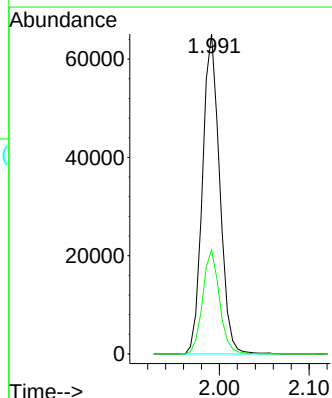
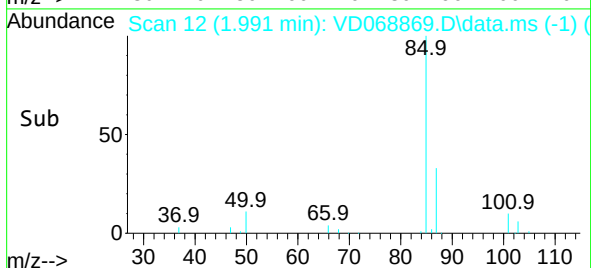
Tgt Ion: 168 Resp: 187177
Ion Ratio Lower Upper
168 100
99 58.1 46.2 69.2



#2
Dichlorodifluoromethane
Concen: 46.58 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



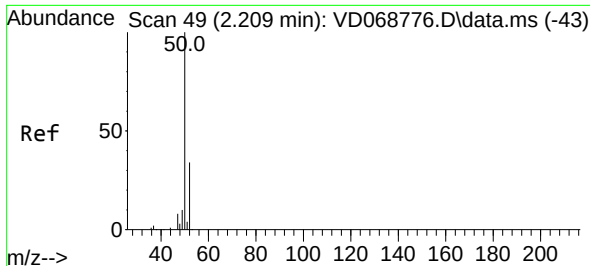
Tgt Ion: 85 Resp: 86389
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

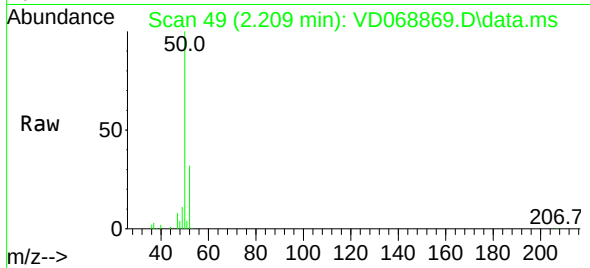
Manual Integrations
APPROVED

MMDadoda
4/19/2021 1:27:43 PM



#3
Chloromethane
Concen: 43.03 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

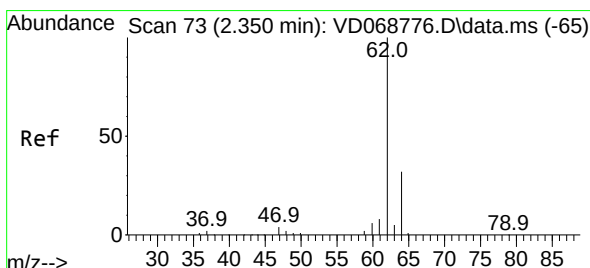
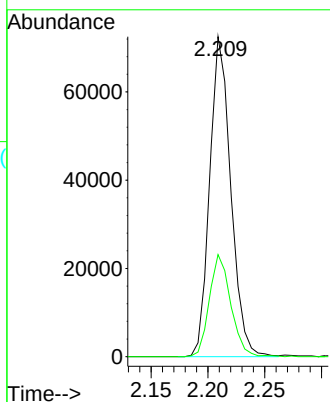
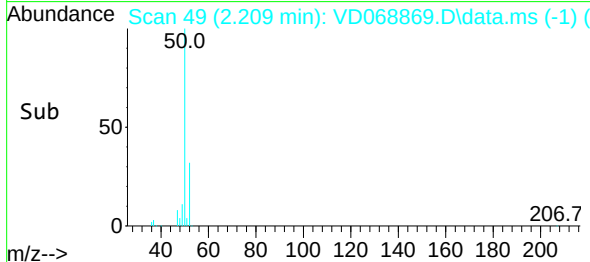
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



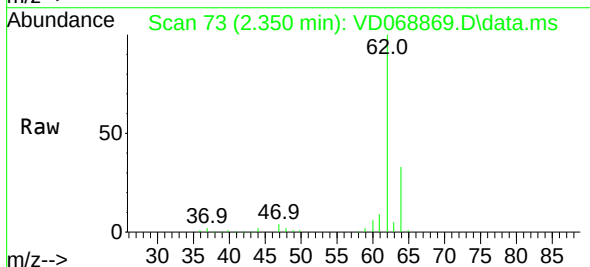
Tgt Ion: 50 Resp: 93822
Ion Ratio Lower Upper
50 100
52 31.9 26.7 40.1

Manual Integrations
APPROVED

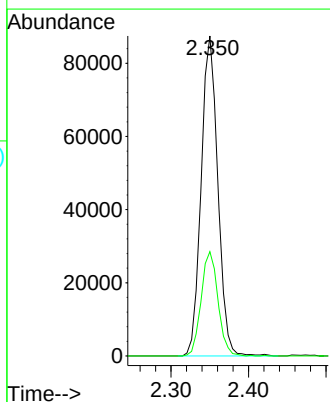
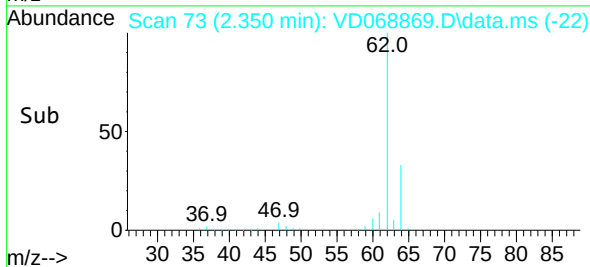
MMDadoda
4/19/2021 1:27:43 PM

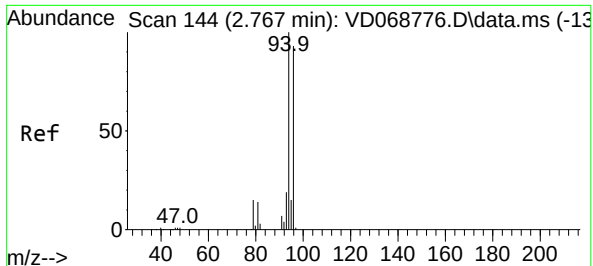


#4
Vinyl Chloride
Concen: 47.69 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



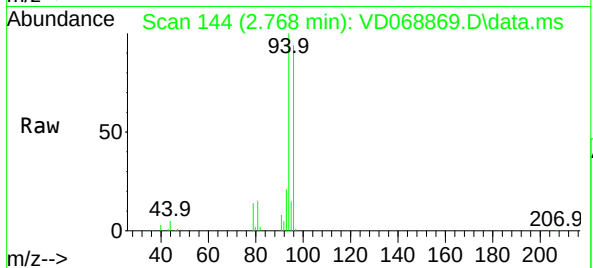
Tgt Ion: 62 Resp: 130643
Ion Ratio Lower Upper
62 100
64 32.6 27.1 40.7



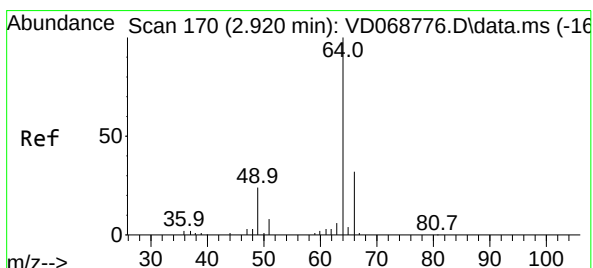
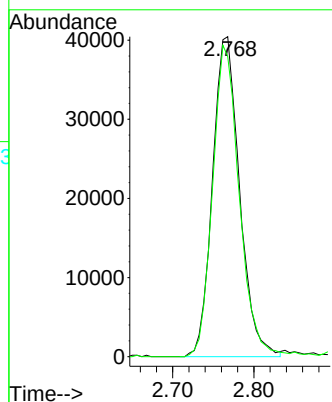
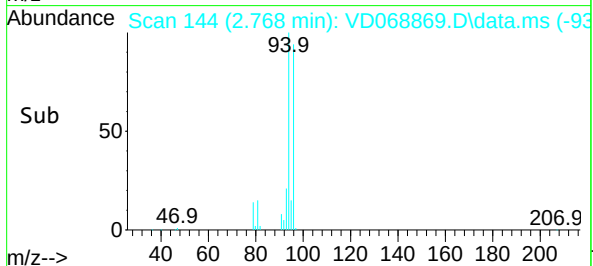


#5
Bromomethane
Concen: 45.77 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.001 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

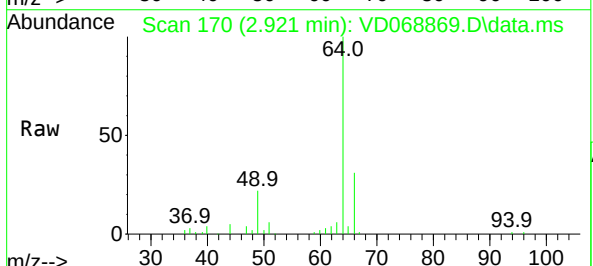
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



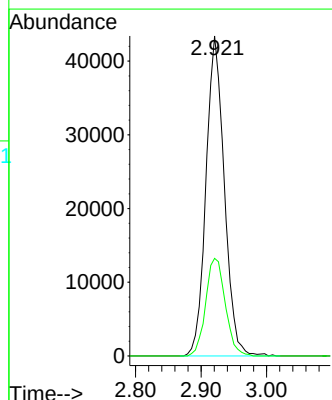
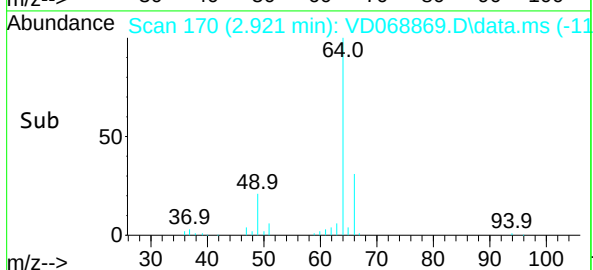
Tgt Ion: 94 Resp: 93721
Ion Ratio Lower Upper
94 100
96 93.8 74.7 112.1

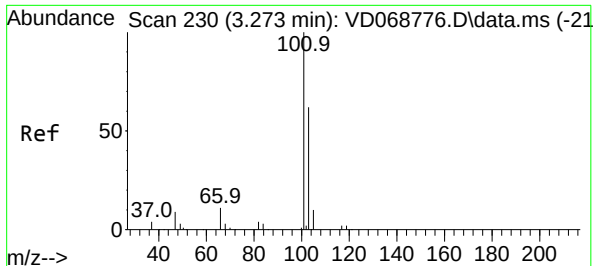


#6
Chloroethane
Concen: 46.85 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.001 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



Tgt Ion: 64 Resp: 84328
Ion Ratio Lower Upper
64 100
66 30.5 26.0 39.0





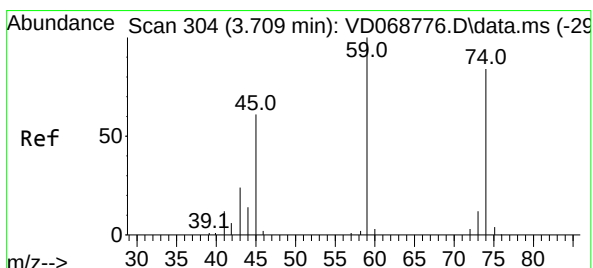
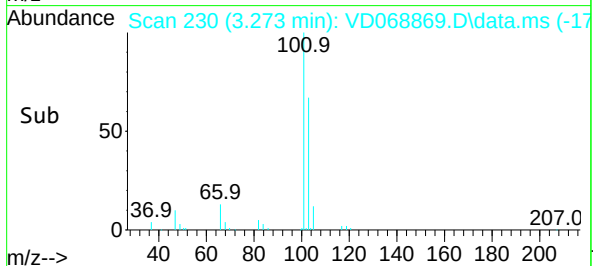
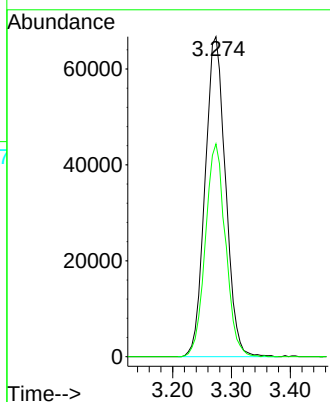
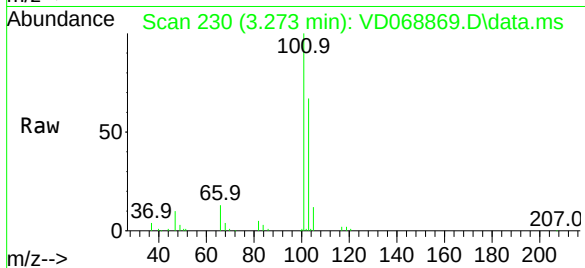
#7
Trichlorofluoromethane
Concen: 50.07 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:101 Resp: 161374
Ion Ratio Lower Upper
101 100
103 66.5 53.4 80.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

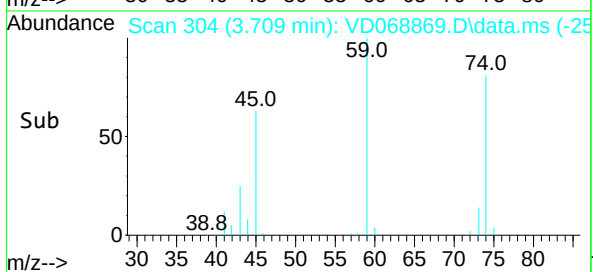
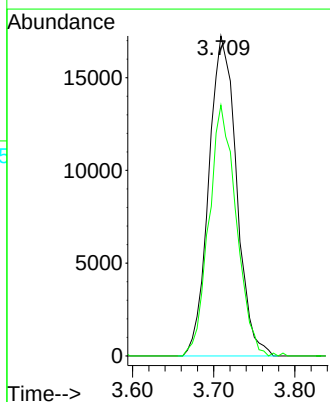
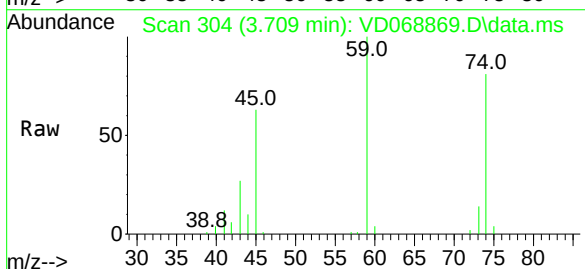
Manual Integrations
APPROVED

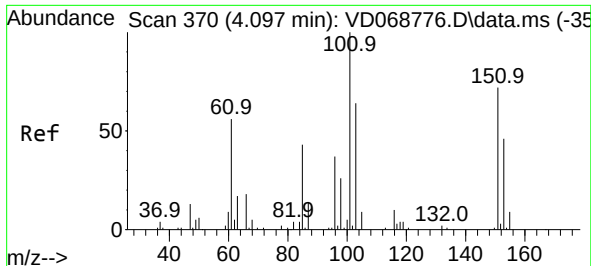
MMDadoda
4/19/2021 1:27:43 PM



#8
Diethyl Ether
Concen: 47.08 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 74 Resp: 40981
Ion Ratio Lower Upper
74 100
45 77.3 40.5 121.5





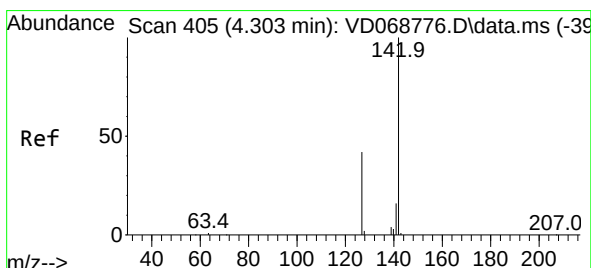
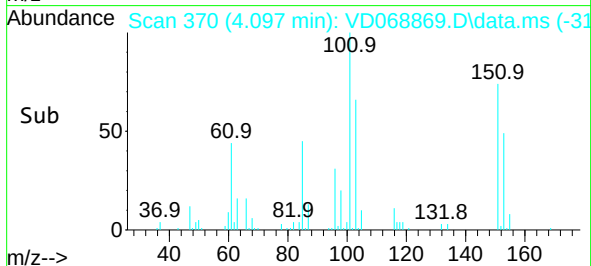
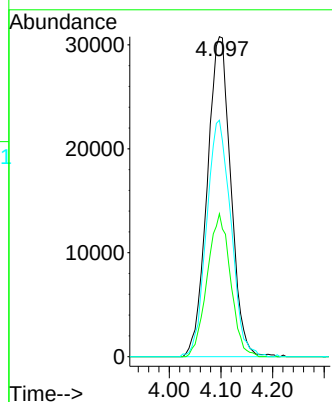
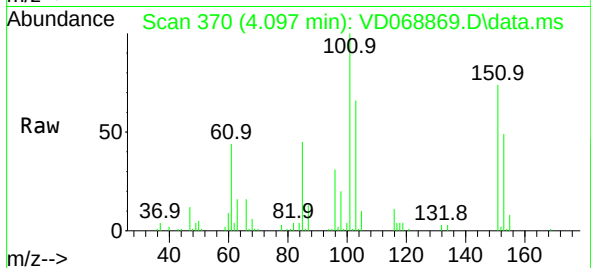
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.23 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:	101	Resp:	97701
Ion	Ratio	Lower	Upper
101	100		
85	43.8	33.8	50.6
151	76.2	59.4	89.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

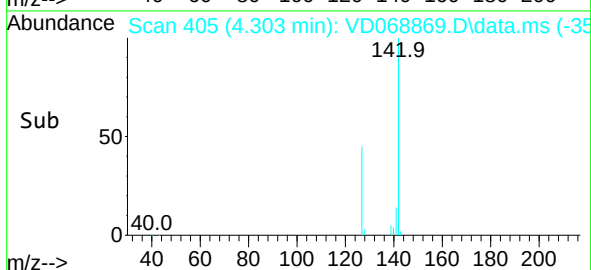
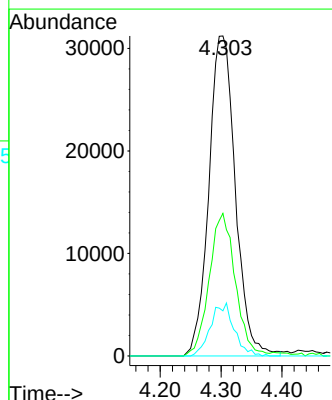
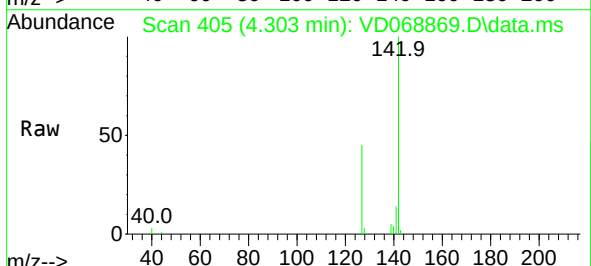
Manual Integrations
APPROVED

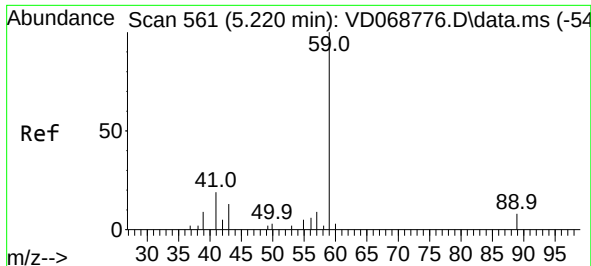
MMDadoda
4/19/2021 1:27:43 PM



#10
Methyl Iodide
Concen: 41.86 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:	142	Resp:	94408
Ion	Ratio	Lower	Upper
142	100		
127	43.8	34.7	52.1
141	14.7	11.0	16.4





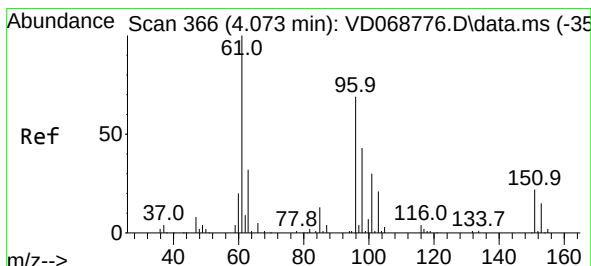
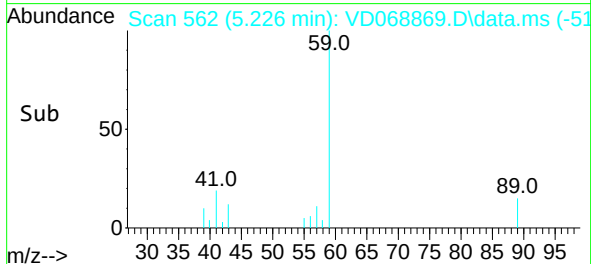
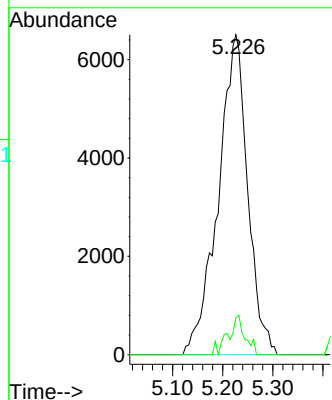
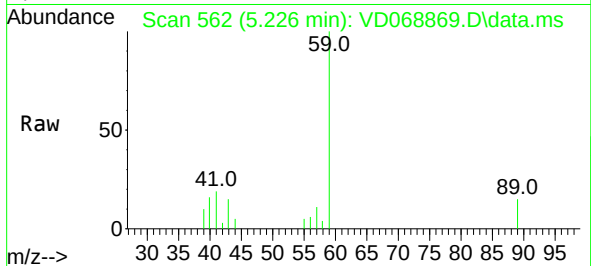
#11
Tert butyl alcohol
Concen: 254.04 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 59 Resp: 26626
Ion Ratio Lower Upper
59 100
57 6.9 7.8 11.8#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

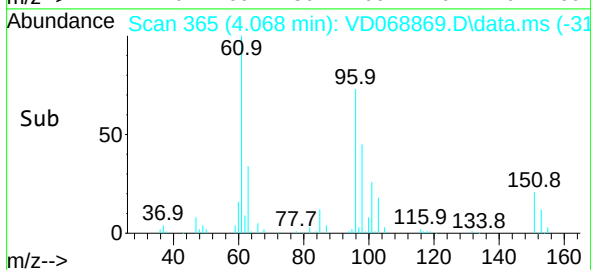
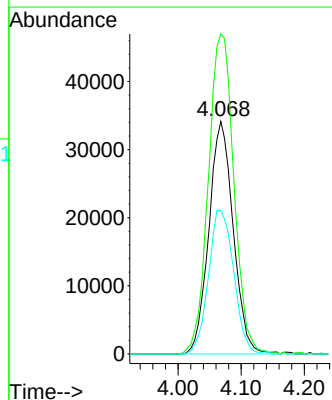
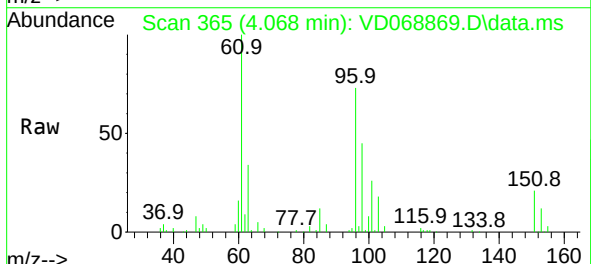
Manual Integrations
APPROVED

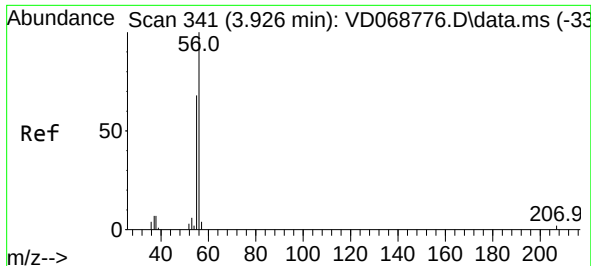
MMDadoda
4/19/2021 1:27:43 PM



#12
1,1-Dichloroethene
Concen: 48.80 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.005 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

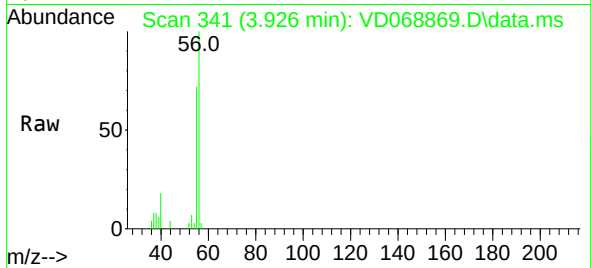
Tgt Ion: 96 Resp: 91435
Ion Ratio Lower Upper
96 100
61 137.5 112.2 168.2
98 61.6 50.2 75.2



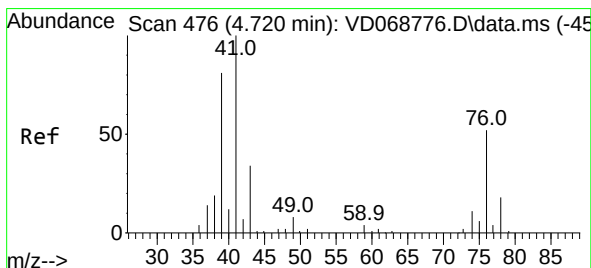
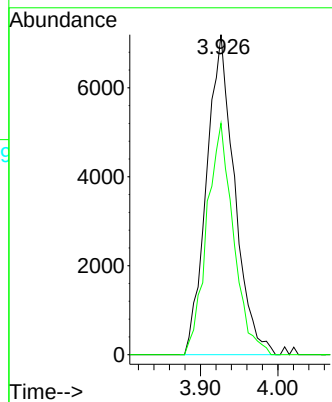
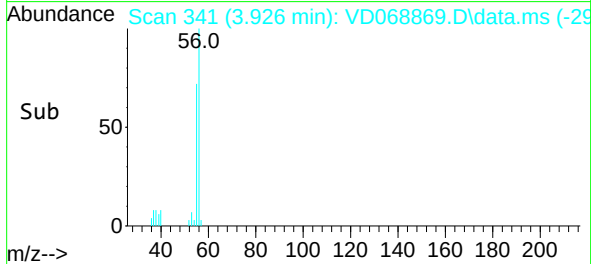


#13
Acrolein
Concen: 232.08 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

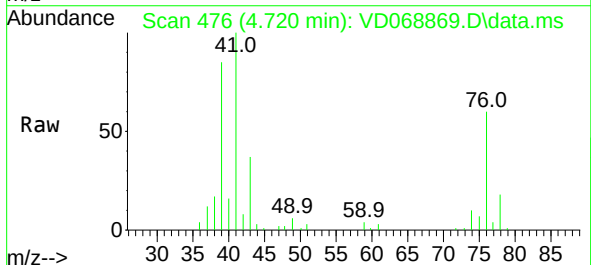
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



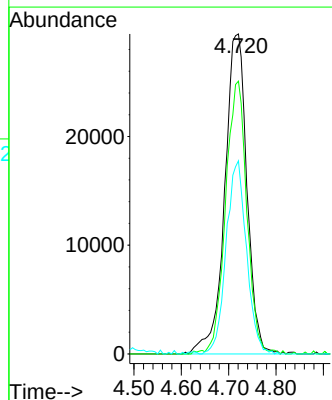
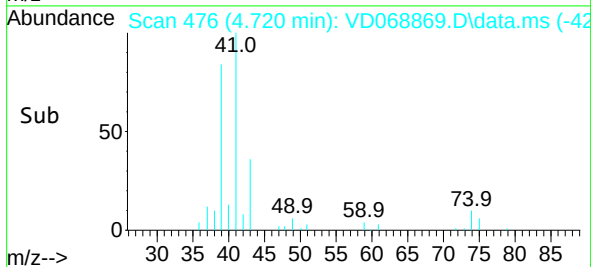
Tgt Ion: 56 Resp: 18070
Ion Ratio Lower Upper
56 100
55 69.0 54.7 82.1

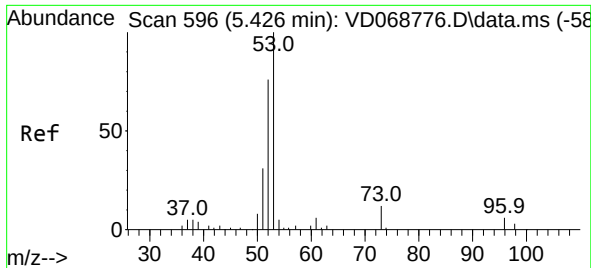


#14
Allyl chloride
Concen: 45.45 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



Tgt Ion: 41 Resp: 95961
Ion Ratio Lower Upper
41 100
39 81.3 60.6 91.0
76 55.3 40.4 60.6





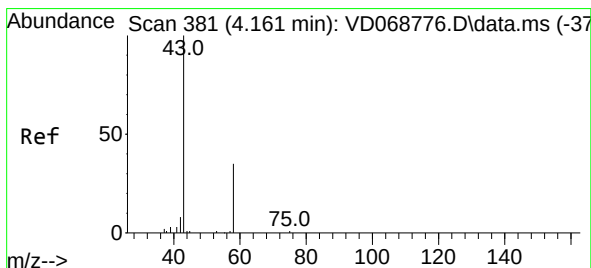
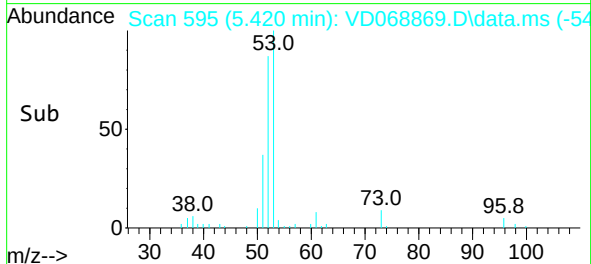
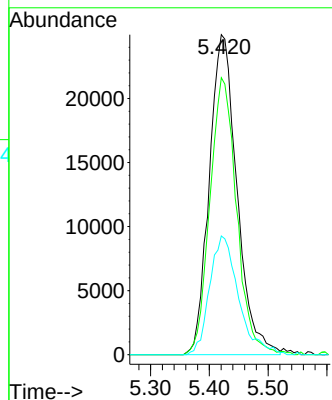
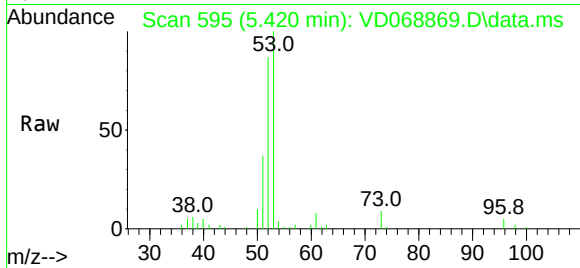
#15
Acrylonitrile
Concen: 209.14 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:	53	Resp:	81699
Ion	Ratio	Lower	Upper
53	100		
52	83.6	63.3	94.9
51	38.7	28.3	42.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

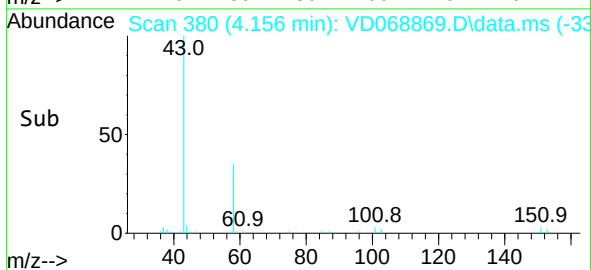
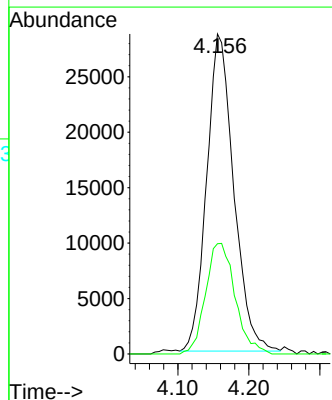
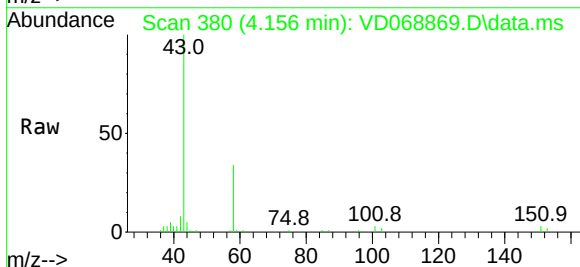
Manual Integrations
APPROVED

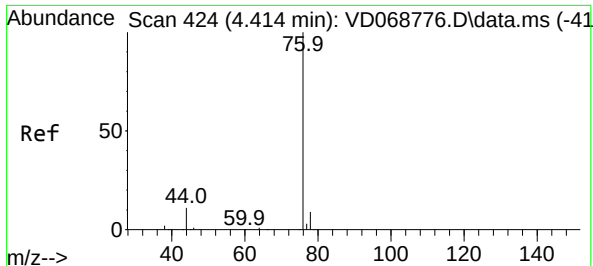
MMDadoda
4/19/2021 1:27:43 PM



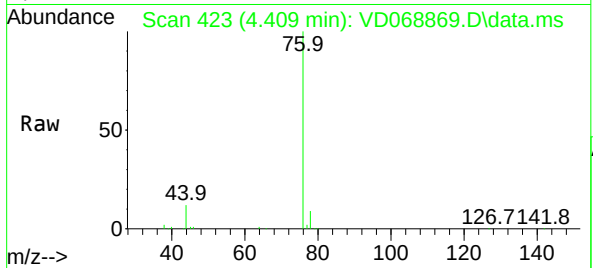
#16
Acetone
Concen: 276.68 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:	43	Resp:	75793
Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.0	42.0

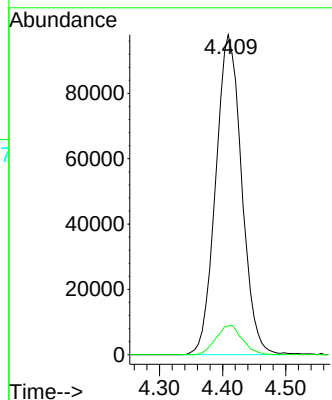




#17
Carbon Disulfide
Concen: 46.10 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



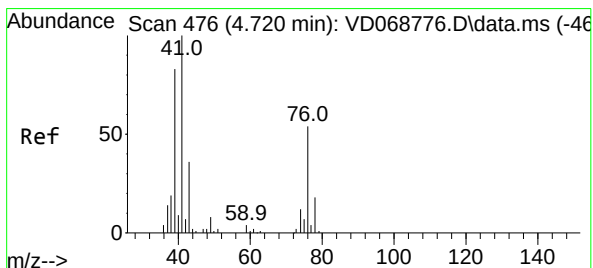
Tgt Ion: 76 Resp: 279538
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



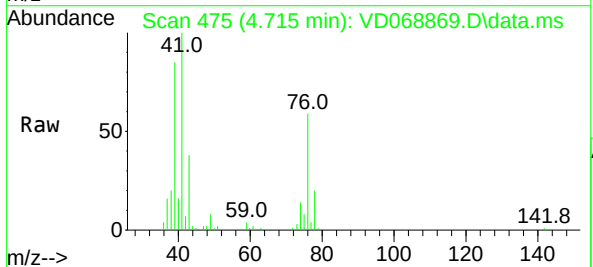
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

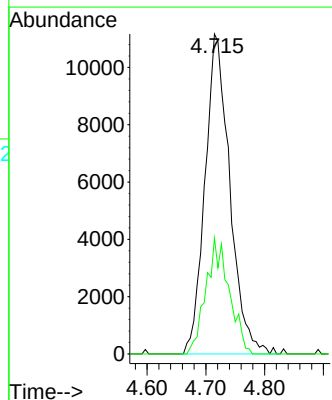
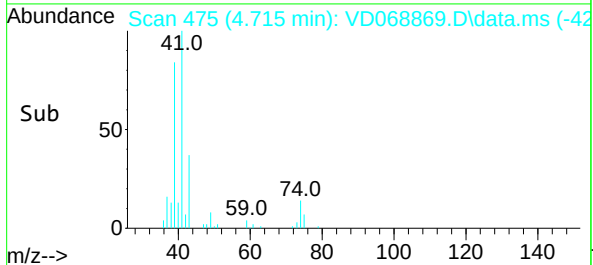
MMDadoda
4/19/2021 1:27:43 PM

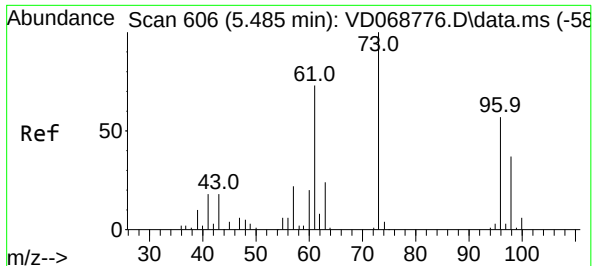


#18
Methyl Acetate
Concen: 43.59 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



Tgt Ion: 43 Resp: 32800
Ion Ratio Lower Upper
43 100
74 33.9 25.4 38.2





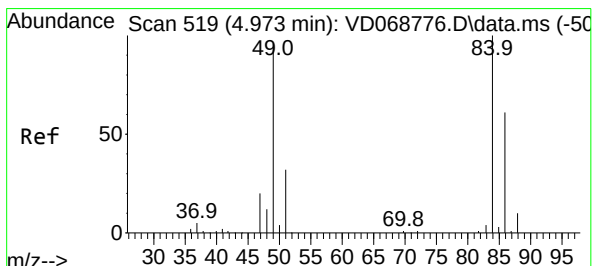
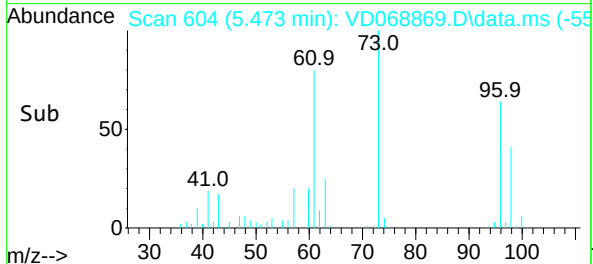
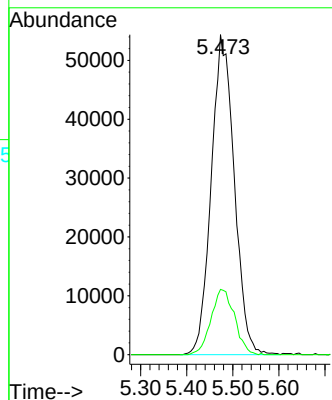
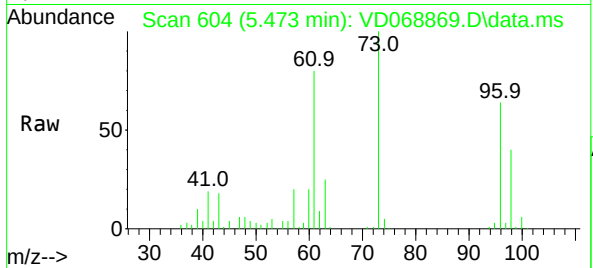
#19
Methyl tert-butyl Ether
Concen: 45.34 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.012 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 73 Resp: 188501
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

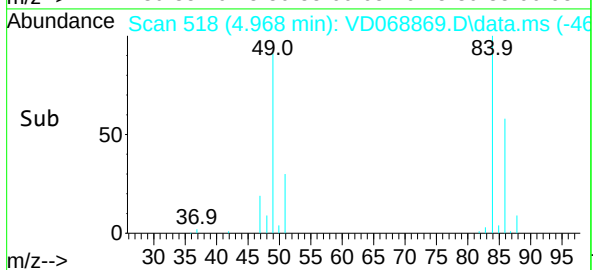
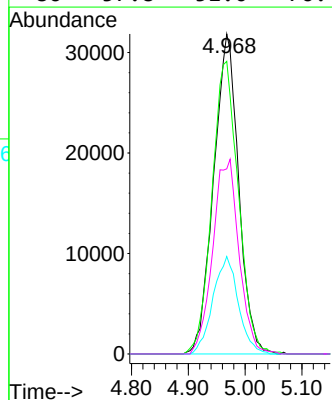
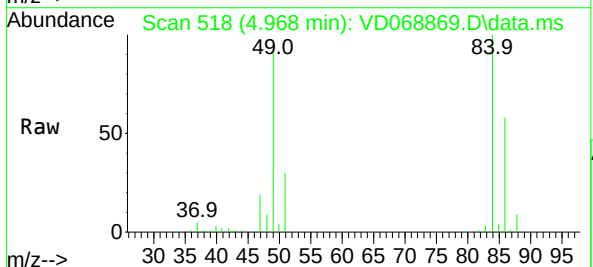
Manual Integrations
APPROVED

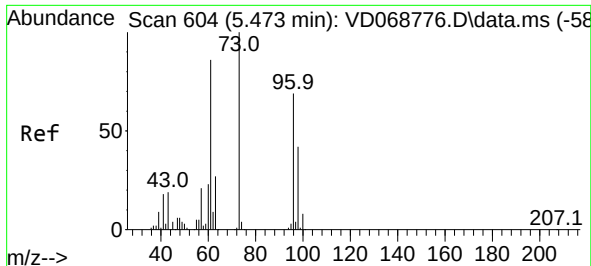
MMDadoda
4/19/2021 1:27:43 PM



#20
Methylene Chloride
Concen: 43.19 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

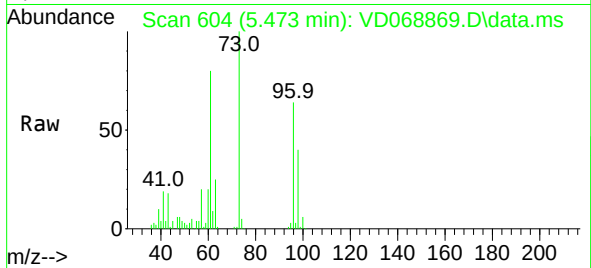
Tgt Ion: 84 Resp: 97289
Ion Ratio Lower Upper
84 100
49 91.5 83.4 125.0
51 30.5 23.4 35.2
86 57.8 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 43.80 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

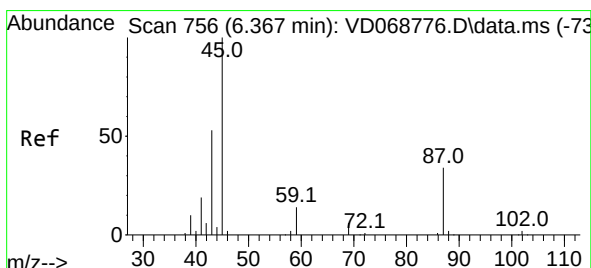
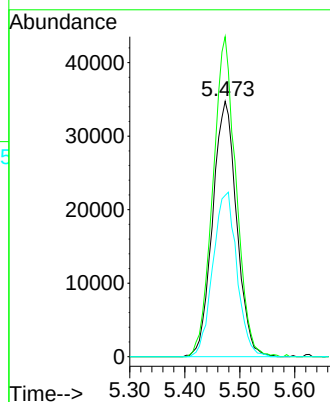
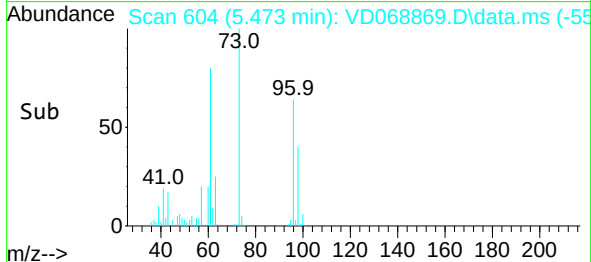
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



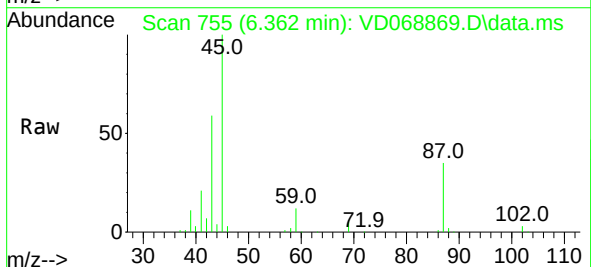
Tgt Ion: 96 Resp: 105381
Ion Ratio Lower Upper
96 100
61 125.3 91.8 137.6
98 63.2 49.3 73.9

Manual Integrations
APPROVED

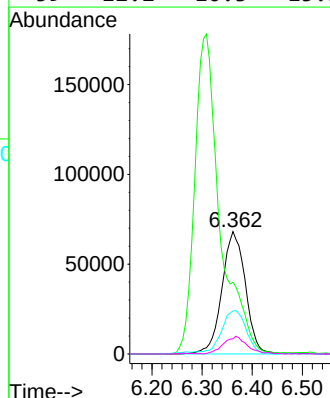
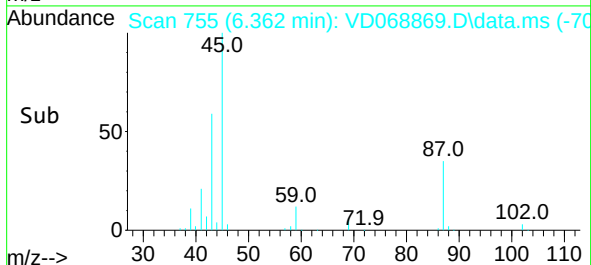
MMDadoda
4/19/2021 1:27:43 PM

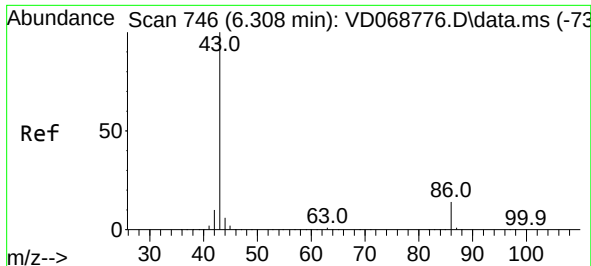


#22
Diisopropyl ether
Concen: 43.28 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



Tgt Ion: 45 Resp: 221444
Ion Ratio Lower Upper
45 100
43 57.6 41.8 62.8
87 34.8 29.2 43.8
59 12.2 10.3 15.5





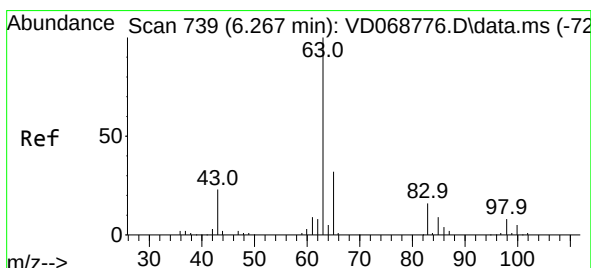
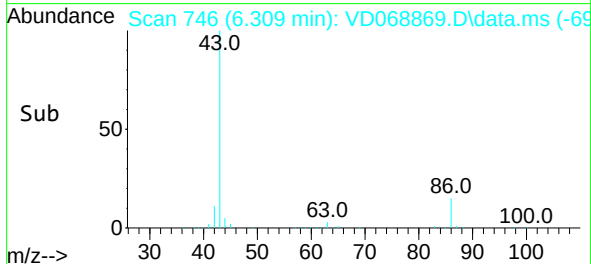
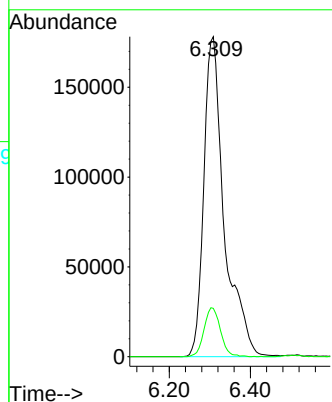
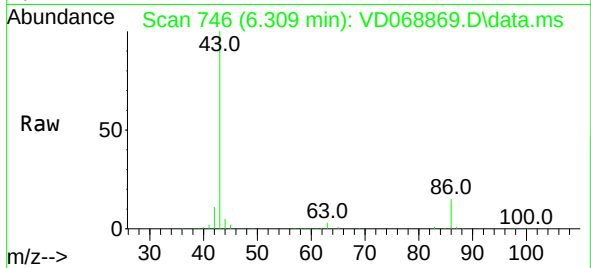
#23
 Vinyl Acetate
 Concen: 229.76 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD068869.D
 Acq: 16 Apr 2021 11:50

Tgt Ion: 43 Resp: 622968
 Ion Ratio Lower Upper
 43 100
 86 15.1 11.0 16.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

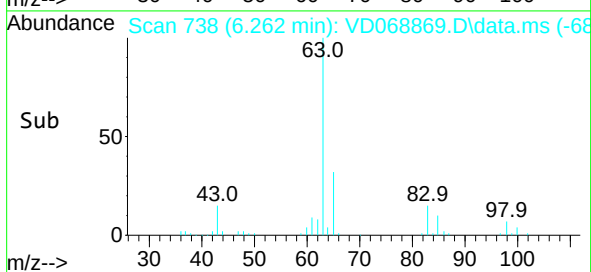
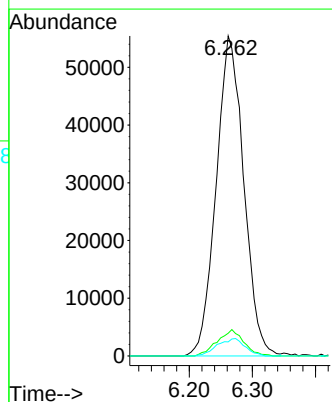
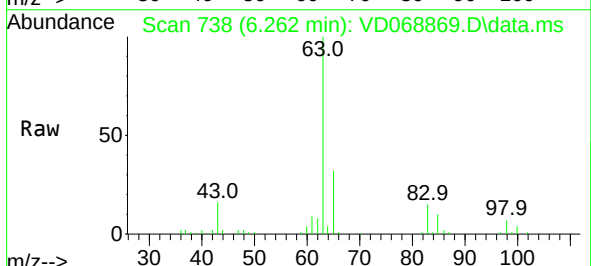
Manual Integrations
 APPROVED

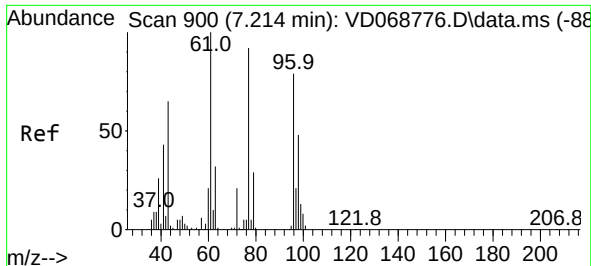
MMDadoda
 4/19/2021 1:27:43 PM



#24
 1,1-Dichloroethane
 Concen: 43.54 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.005 min
 Lab File: VD068869.D
 Acq: 16 Apr 2021 11:50

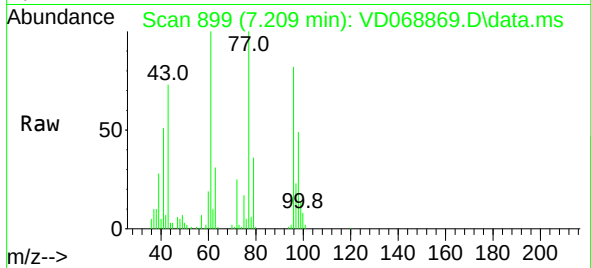
Tgt Ion: 63 Resp: 167936
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.4 2.3 6.9





#25
2-Butanone
Concen: 253.50 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

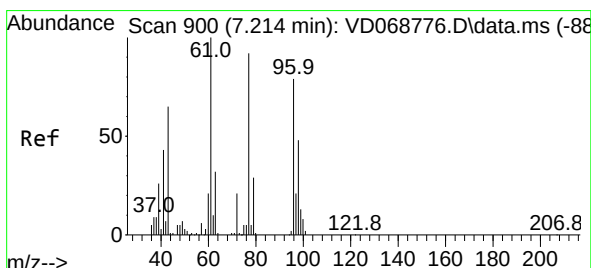
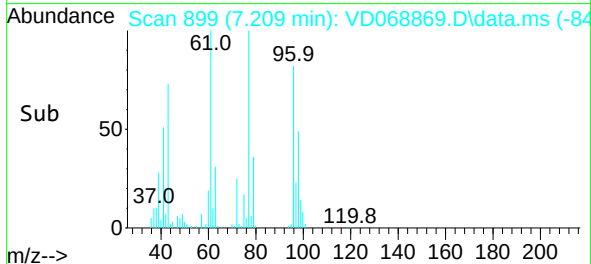
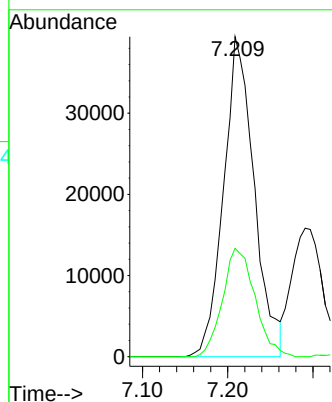
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



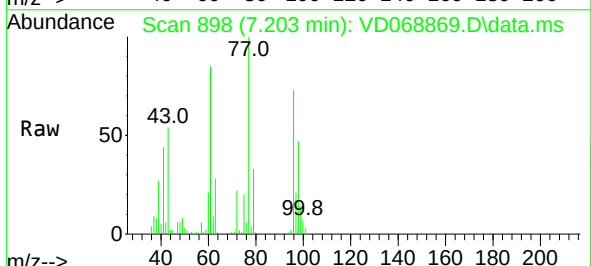
Tgt Ion: 43 Resp: 98266
Ion Ratio Lower Upper
43 100
72 33.8 28.6 43.0

Manual Integrations
APPROVED

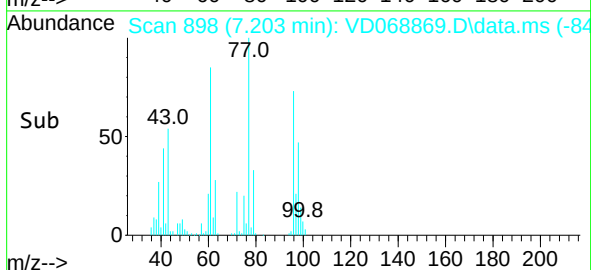
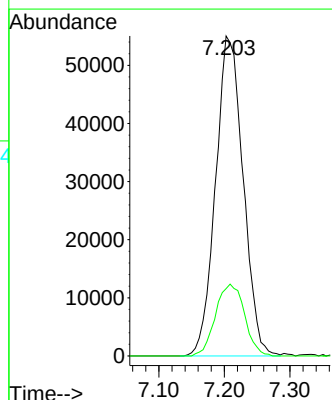
MMDadoda
4/19/2021 1:27:43 PM

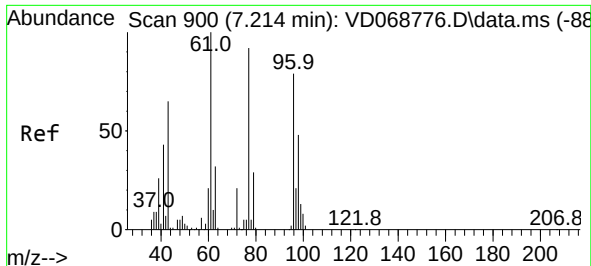


#26
2,2-Dichloropropane
Concen: 50.98 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.011 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



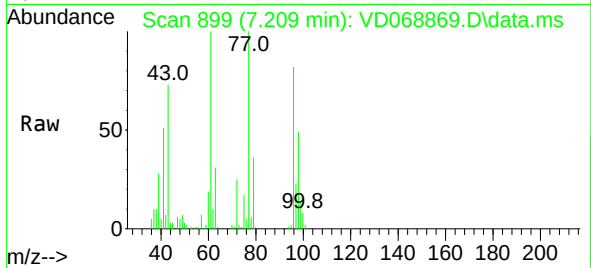
Tgt Ion: 77 Resp: 160641
Ion Ratio Lower Upper
77 100
97 23.6 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 49.53 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD068869.D
 Acq: 16 Apr 2021 11:50

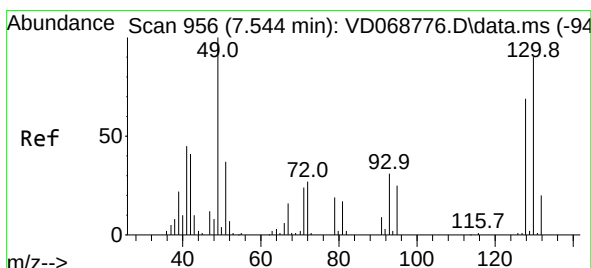
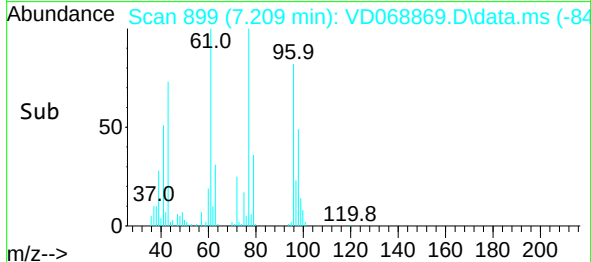
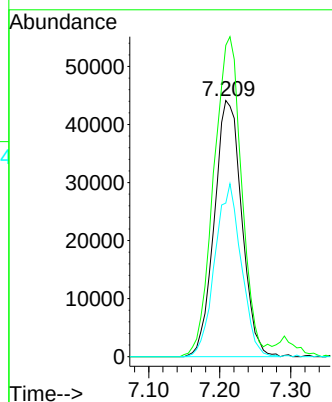
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.8	0.0	258.8
98	64.8	0.0	128.4

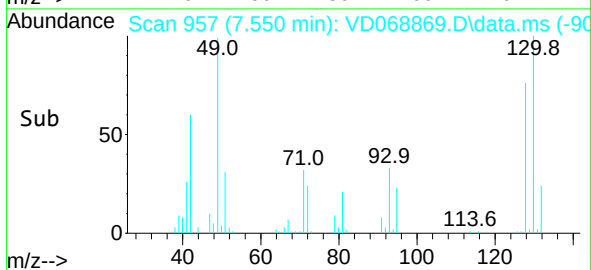
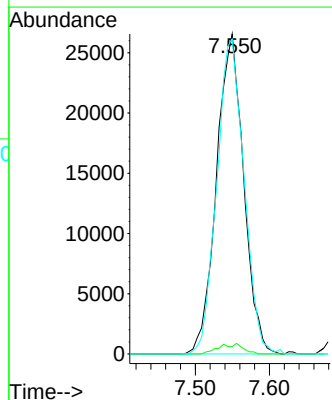
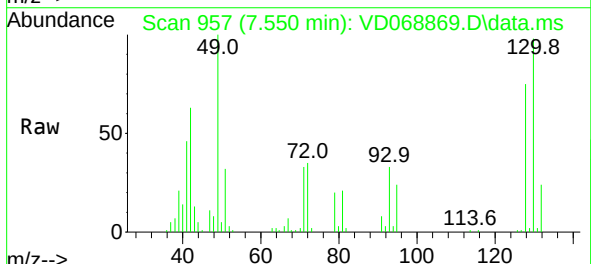
Manual Integrations
 APPROVED

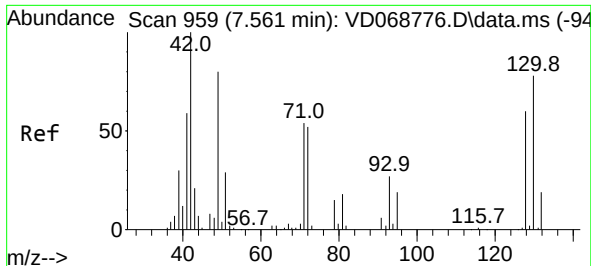
MMDadoda
 4/19/2021 1:27:43 PM



#28
 Bromochloromethane
 Concen: 48.50 ug/l
 RT: 7.550 min Scan# 957
 Delta R.T. 0.006 min
 Lab File: VD068869.D
 Acq: 16 Apr 2021 11:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.2
130	99.1	74.6	112.0





#29

Tetrahydrofuran

Concen: 214.54 ug/l

RT: 7.562 min Scan# 959

Delta R.T. 0.001 min

Lab File: VD068869.D

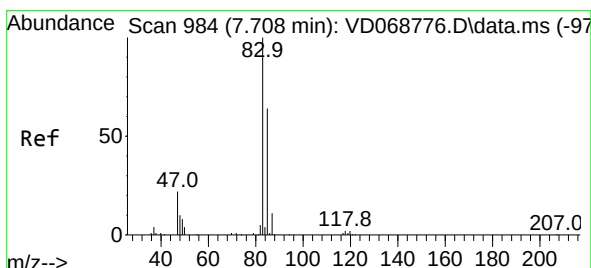
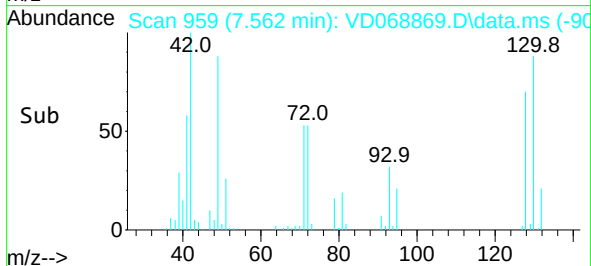
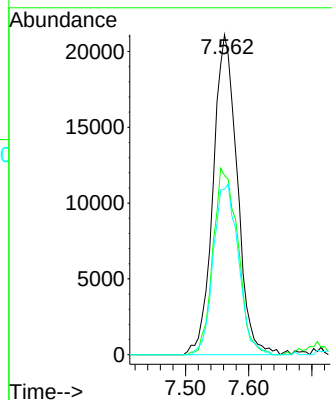
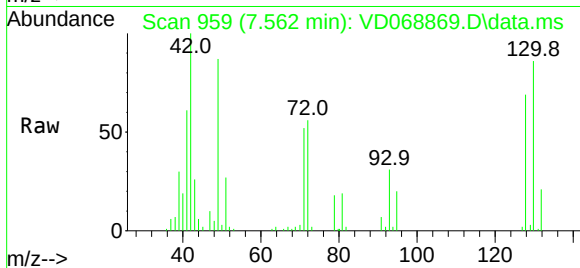
Acq: 16 Apr 2021 11:50

Tgt Ion:	42	Resp:	55928
Ion	Ratio	Lower	Upper
42	100		
72	60.1	45.2	67.8
71	55.5	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/19/2021 1:27:43 PM



#30

Chloroform

Concen: 44.88 ug/l

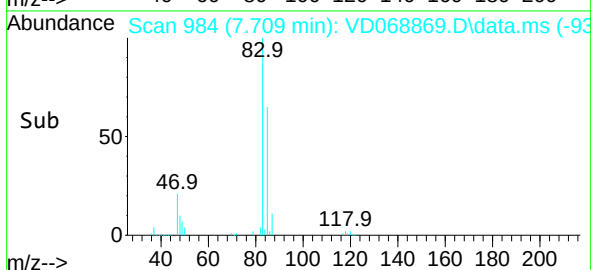
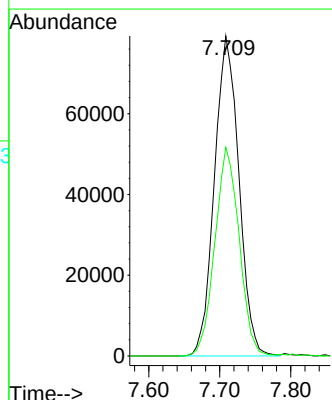
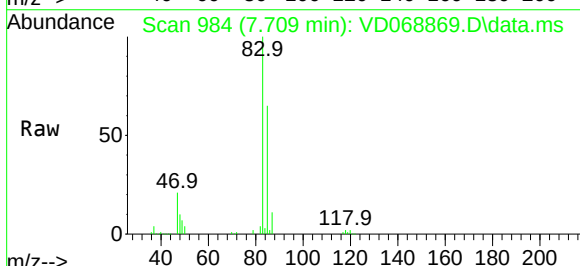
RT: 7.709 min Scan# 984

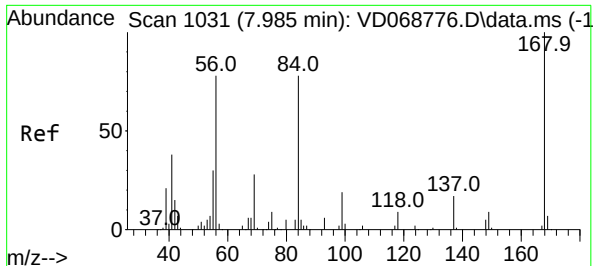
Delta R.T. 0.001 min

Lab File: VD068869.D

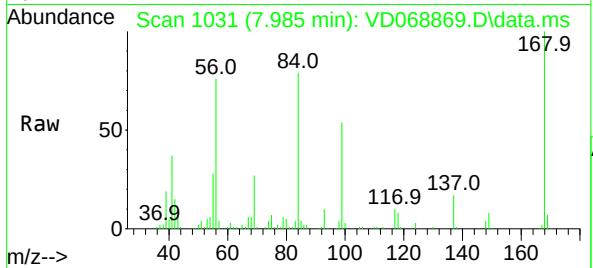
Acq: 16 Apr 2021 11:50

Tgt Ion:	83	Resp:	189483
Ion	Ratio	Lower	Upper
83	100		
85	65.2	53.3	79.9

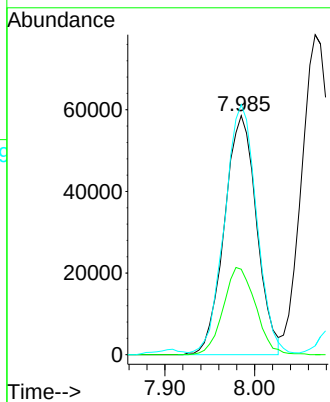
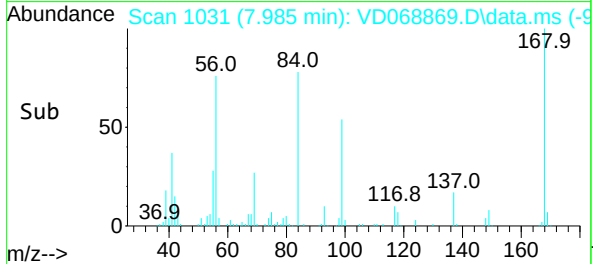




#31
Cyclohexane
Concen: 44.41 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



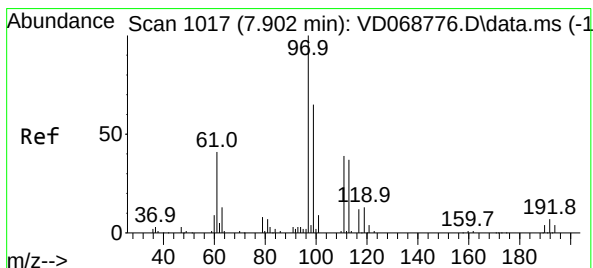
Tgt Ion: 56 Resp: 146196
Ion Ratio Lower Upper
56 100
69 35.7 30.0 45.0
84 103.1 82.0 123.0



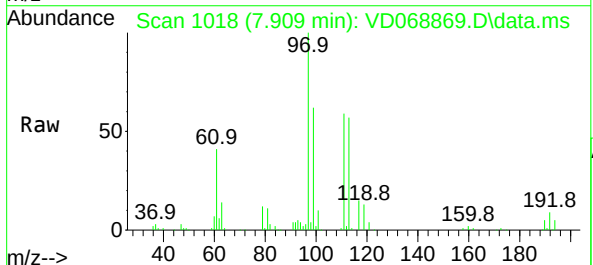
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

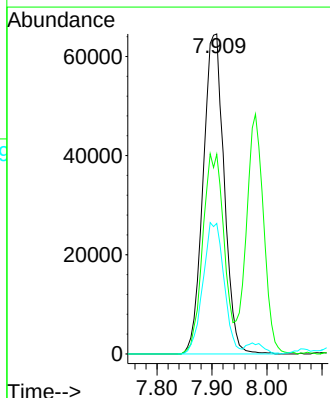
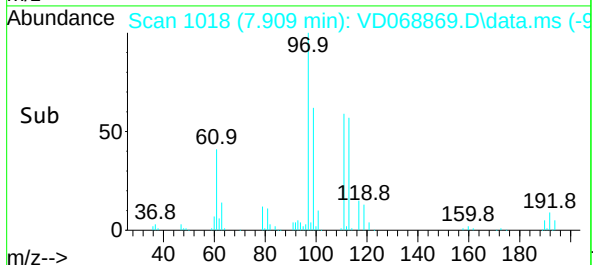
MMDadoda
4/19/2021 1:27:43 PM

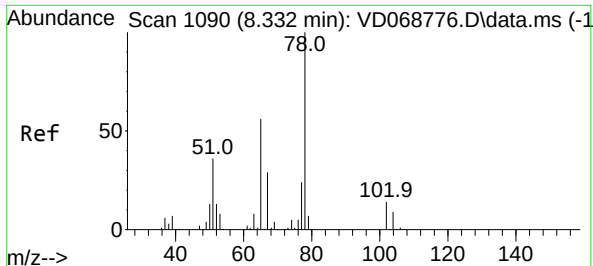


#32
1,1,1-Trichloroethane
Concen: 46.37 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.007 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



Tgt Ion: 97 Resp: 171060
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 41.5 33.7 50.5





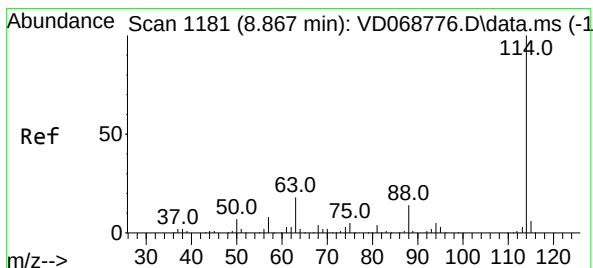
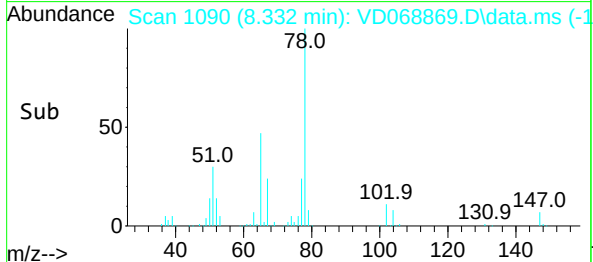
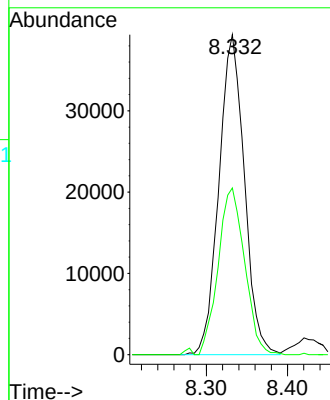
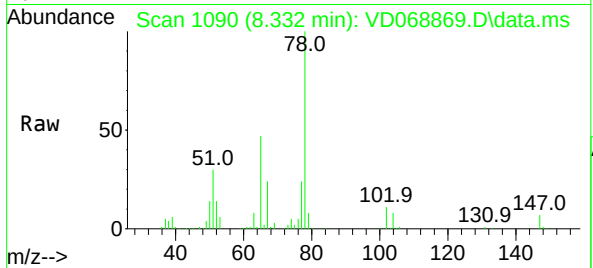
#33
1,2-Dichloroethane-d4
Concen: 43.29 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 65 Resp: 85629
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

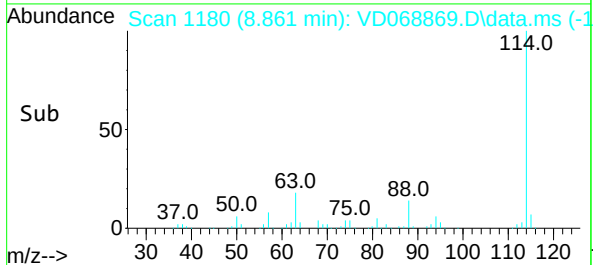
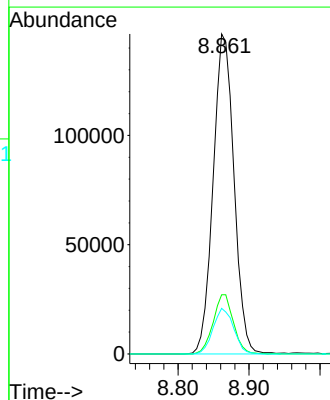
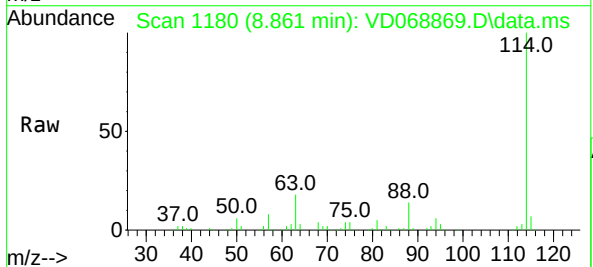
Manual Integrations
APPROVED

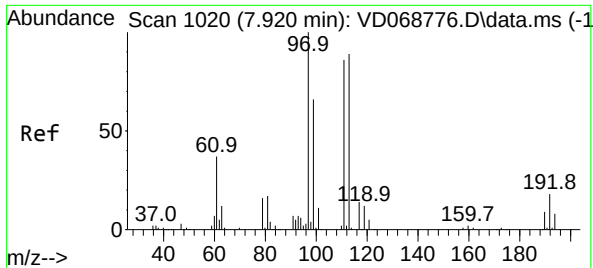
MMDadoda
4/19/2021 1:27:43 PM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 114 Resp: 298079
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.2
88 14.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.95 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068869.D

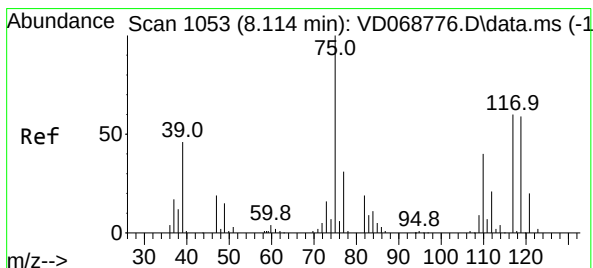
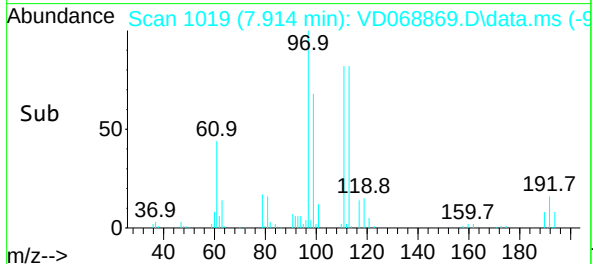
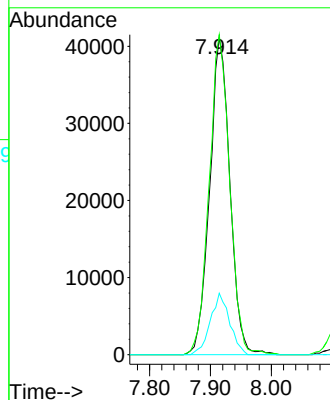
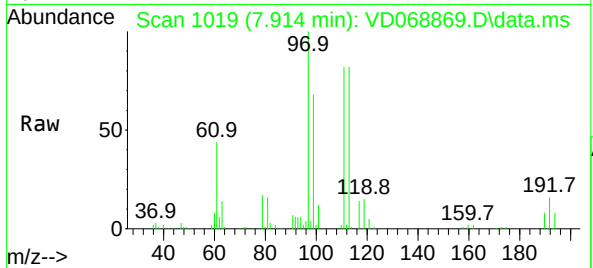
Acq: 16 Apr 2021 11:50

Tgt Ion:	113	Resp:	94908
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.5	123.7
192	18.5	15.1	22.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/19/2021 1:27:43 PM



#36

1,1-Dichloropropene

Concen: 50.23 ug/l

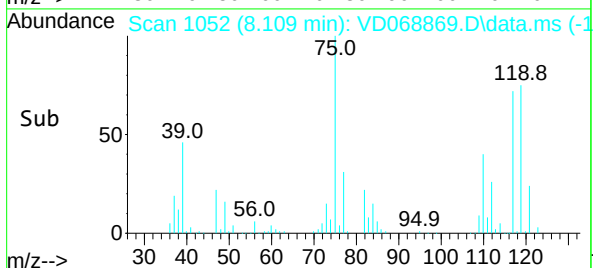
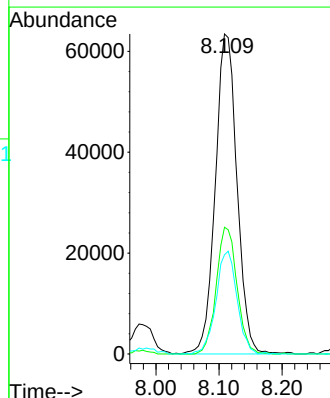
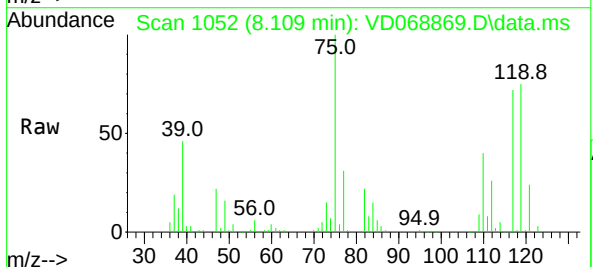
RT: 8.109 min Scan# 1052

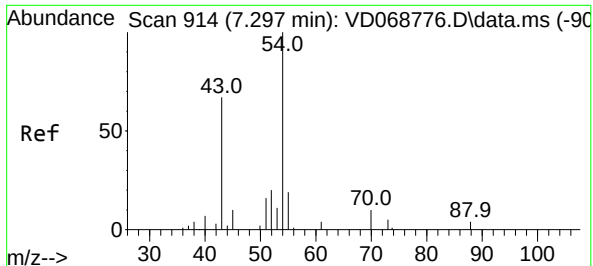
Delta R.T. -0.005 min

Lab File: VD068869.D

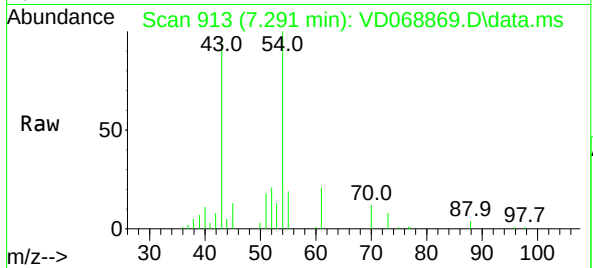
Acq: 16 Apr 2021 11:50

Tgt Ion:	75	Resp:	151557
Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.1	54.4
77	31.2	24.7	37.1



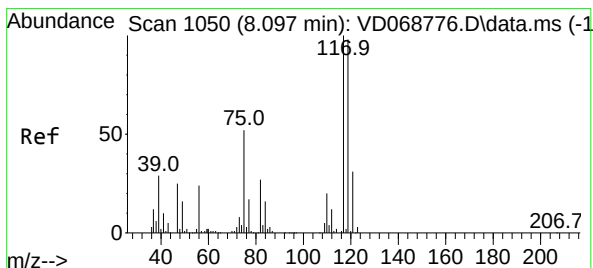
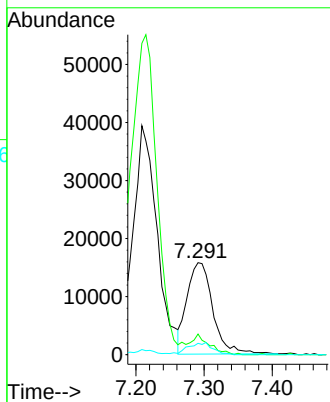
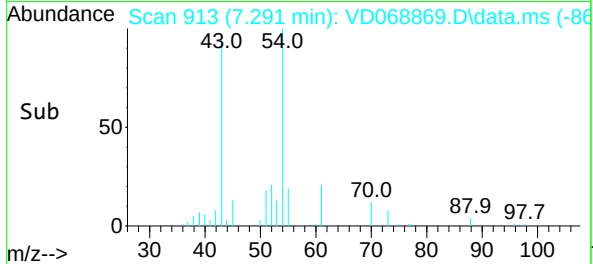


#37
Ethyl Acetate
Concen: 46.70 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

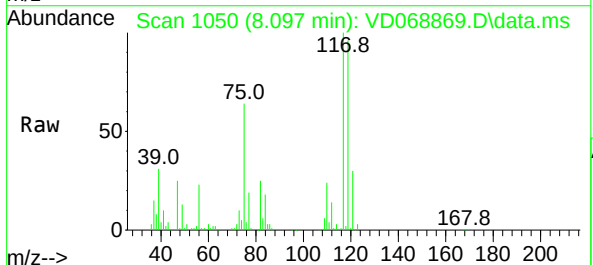


Tgt Ion: 43 Resp: 41385

Ion	Ratio	Lower	Upper
43	100		
61	15.5	14.2	21.4
70	12.7	9.4	14.0

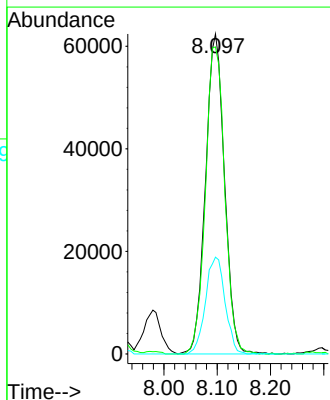
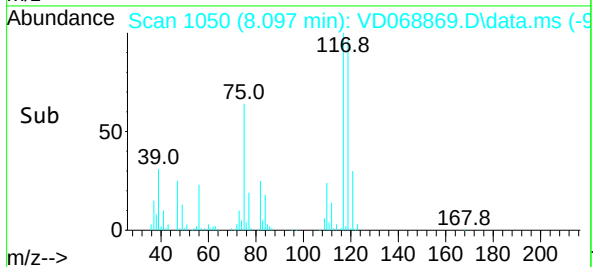


#38
Carbon Tetrachloride
Concen: 51.78 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



Tgt Ion: 117 Resp: 154681

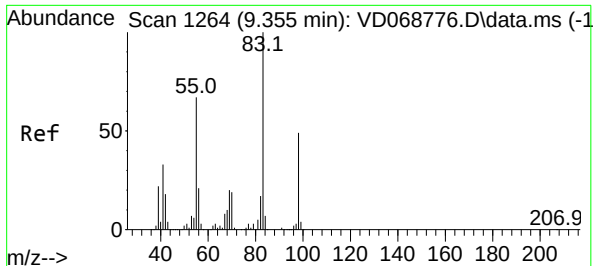
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	115.0
121	30.3	26.1	39.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/19/2021 1:27:43 PM



#39

Methylcyclohexane

Concen: 52.59 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.001 min

Lab File: VD068869.D

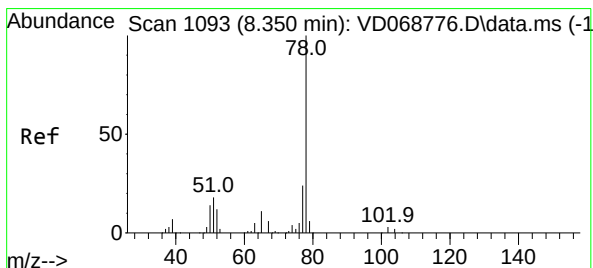
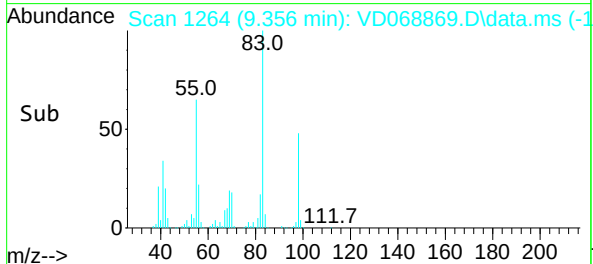
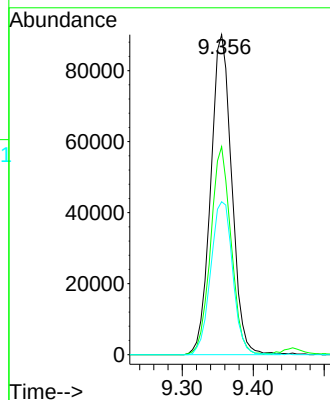
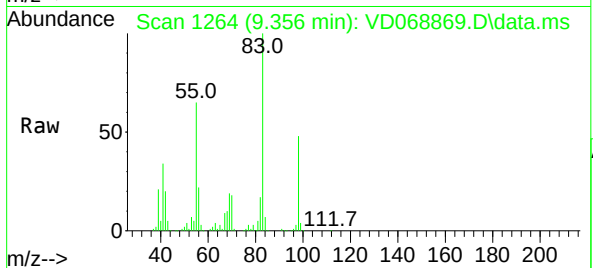
Acq: 16 Apr 2021 11:50

Tgt Ion:	83	Resp:	185027
Ion	Ratio	Lower	Upper
83	100		
55	65.0	51.7	77.5
98	47.8	38.8	58.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/19/2021 1:27:43 PM



#40

Benzene

Concen: 47.83 ug/l

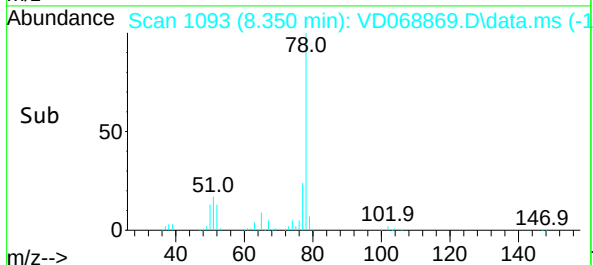
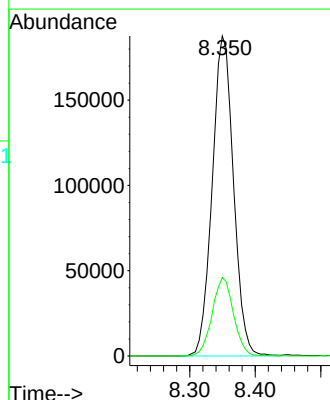
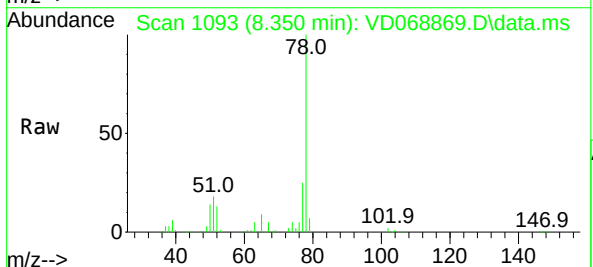
RT: 8.350 min Scan# 1093

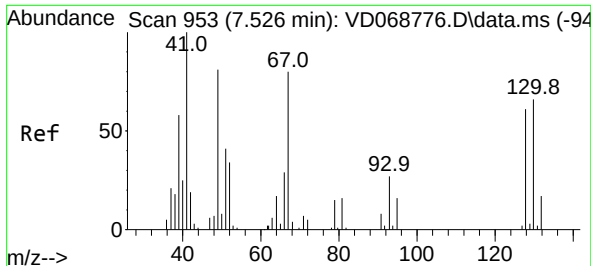
Delta R.T. -0.000 min

Lab File: VD068869.D

Acq: 16 Apr 2021 11:50

Tgt Ion:	78	Resp:	422307
Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.2	27.2





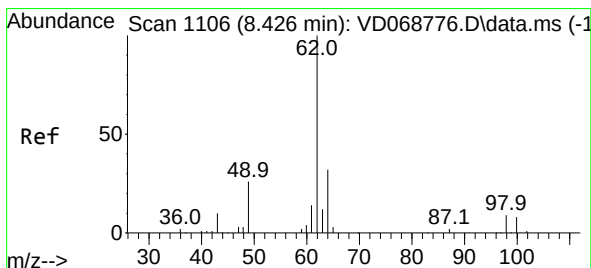
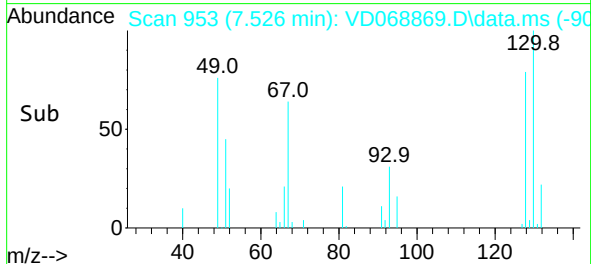
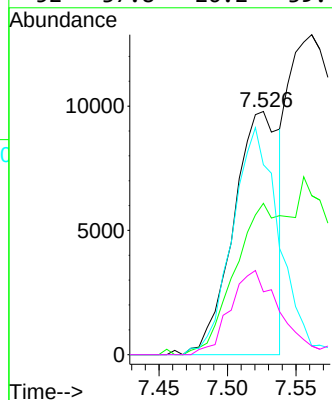
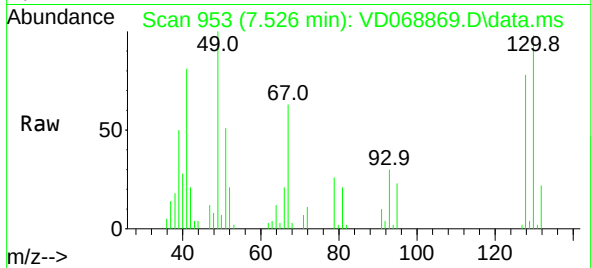
#41
Methacrylonitrile
Concen: 43.17 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:	41	Resp:	22648
Ion	Ratio	Lower	Upper
41	100		
39	69.2	43.2	64.8#
67	95.6	63.9	95.9
52	37.8	26.2	39.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

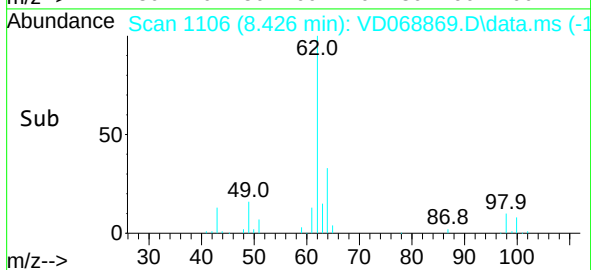
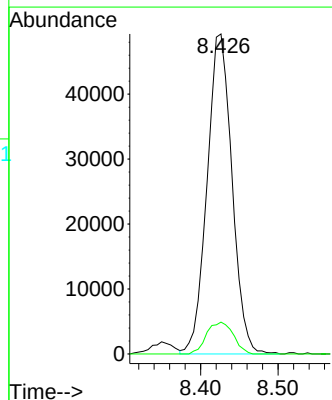
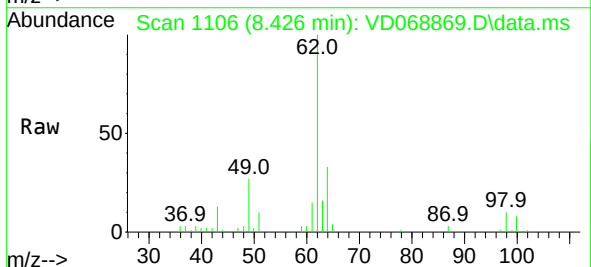
Manual Integrations
APPROVED

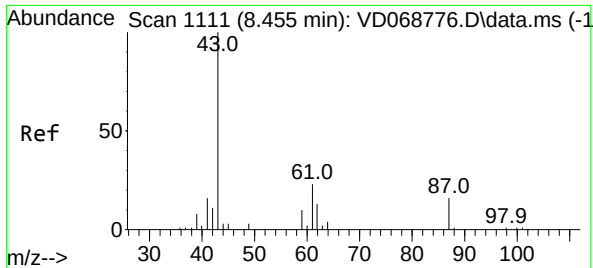
MMDadoda
4/19/2021 1:27:43 PM



#42
1,2-Dichloroethane
Concen: 47.26 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:	62	Resp:	110293
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.6





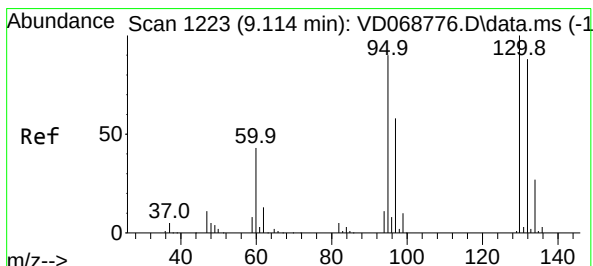
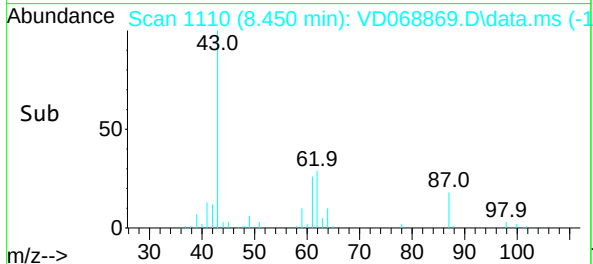
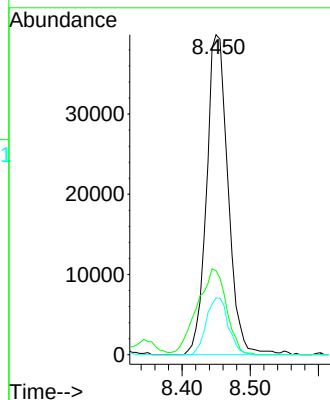
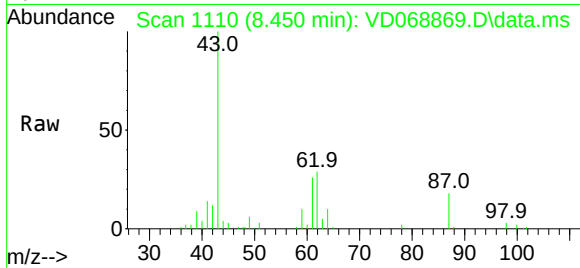
#43
Isopropyl Acetate
Concen: 48.34 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:	43	Resp:	87328
Ion Ratio	Lower	Upper	
43	100		
61	36.7	29.5	44.3
87	18.1	13.5	20.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

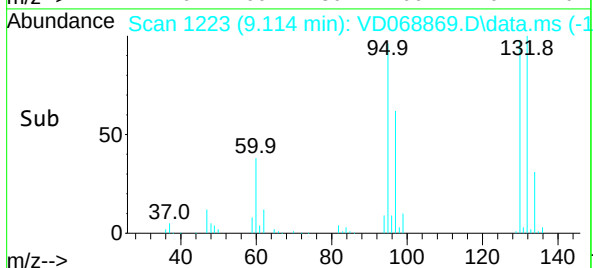
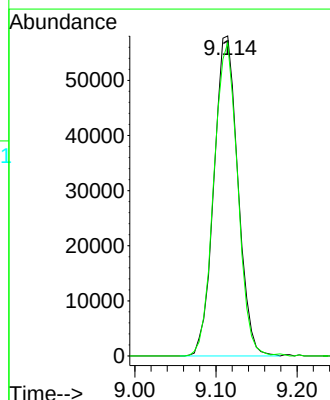
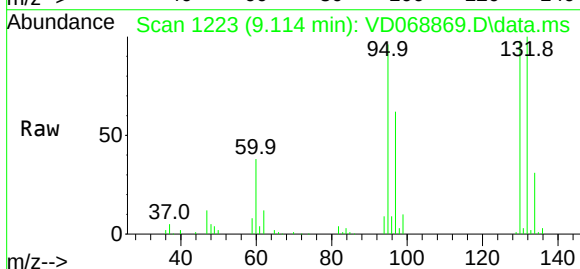
Manual Integrations
APPROVED

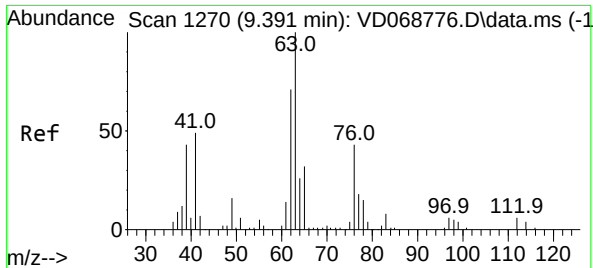
MMDadoda
4/19/2021 1:27:43 PM



#44
Trichloroethene
Concen: 48.88 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:	130	Resp:	119208
Ion Ratio	Lower	Upper	
130	100		
95	97.8	0.0	203.8





#45

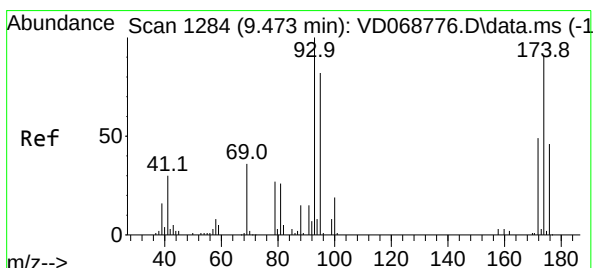
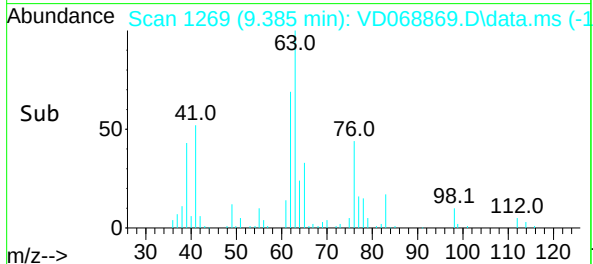
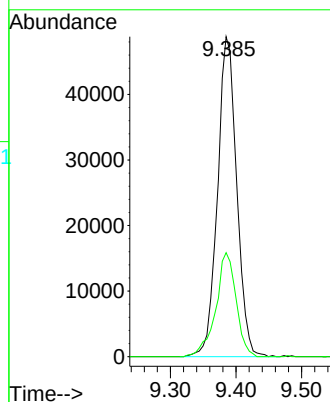
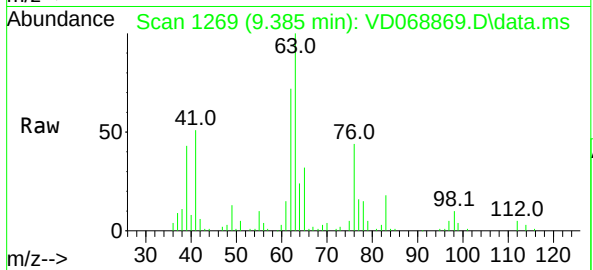
1,2-Dichloropropane
Concen: 46.91 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 63 Resp: 98923
Ion Ratio Lower Upper
63 100
65 32.5 27.0 40.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

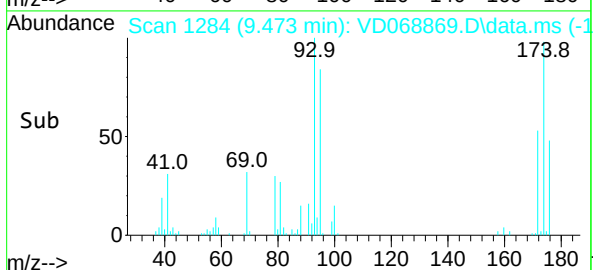
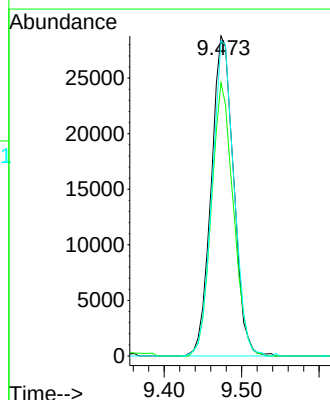
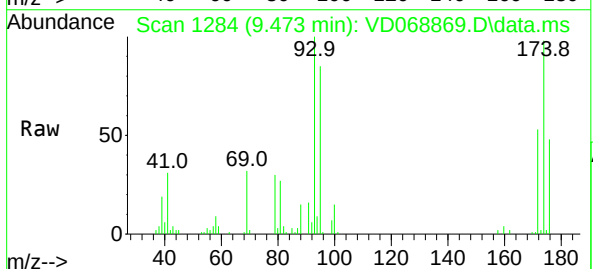
MMDadoda
4/19/2021 1:27:43 PM

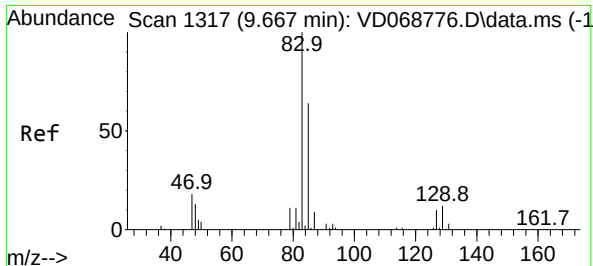


#46

Dibromomethane
Concen: 49.14 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 93 Resp: 57728
Ion Ratio Lower Upper
93 100
95 83.9 64.5 96.7
174 96.3 75.3 112.9





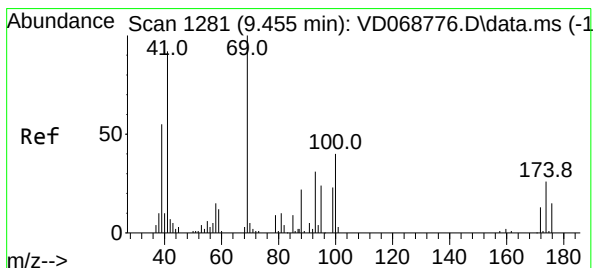
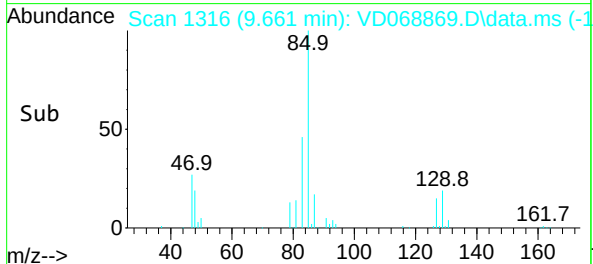
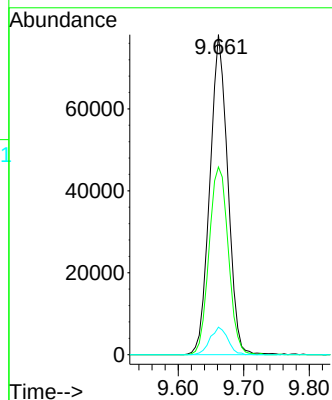
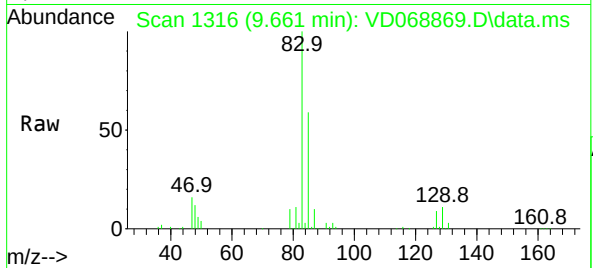
#47
Bromodichloromethane
Concen: 48.31 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 148252
Ion Ratio Lower Upper
83 100
85 58.6 51.0 76.6
127 8.6 7.1 10.7

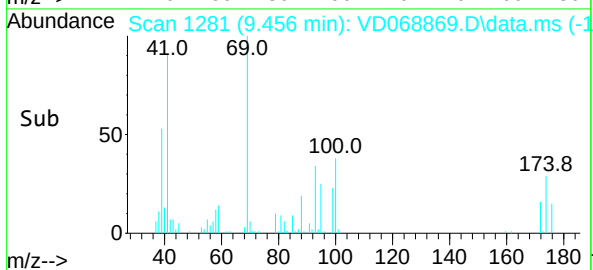
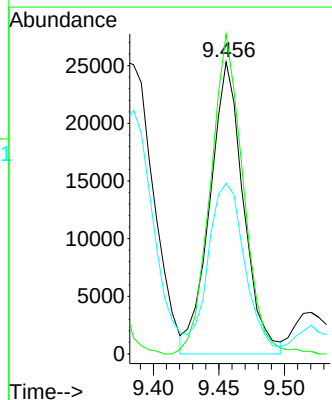
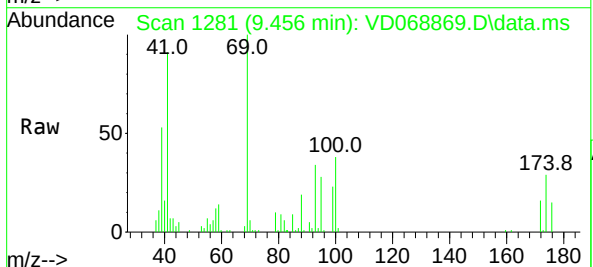
Manual Integrations
APPROVED

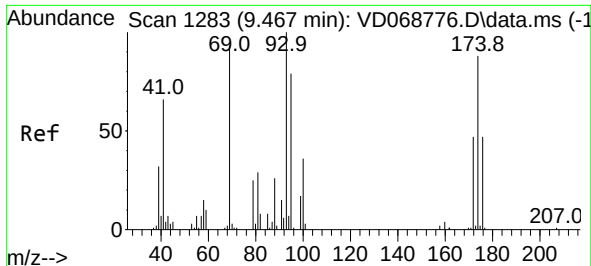
MMDadoda
4/19/2021 1:27:43 PM



#48
Methyl methacrylate
Concen: 50.44 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.001 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 41 Resp: 44903
Ion Ratio Lower Upper
41 100
69 107.5 83.0 124.6
39 58.0 47.0 70.6





#49

1,4-Dioxane

Concen: 1007.68 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD068869.D

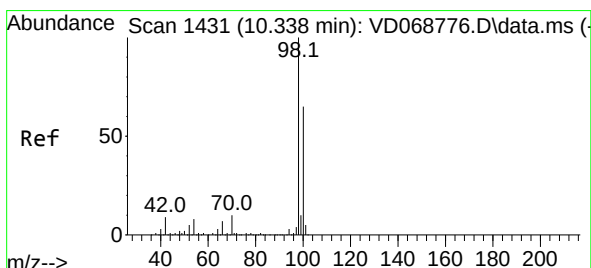
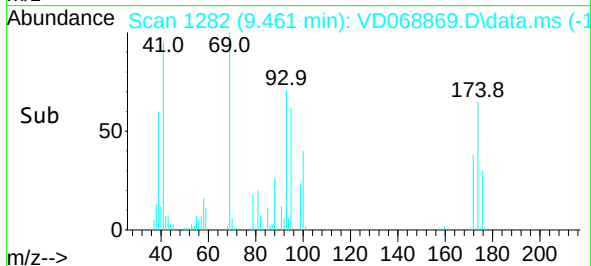
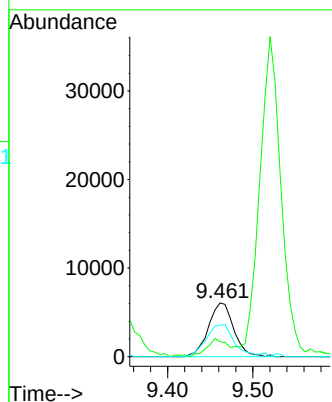
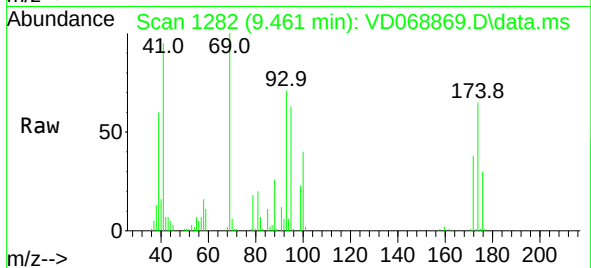
Acq: 16 Apr 2021 11:50

Tgt Ion:	88	Resp:	12533
Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.8	38.8
58	67.0	54.0	81.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/19/2021 1:27:43 PM



#50

Toluene-d8

Concen: 49.54 ug/l

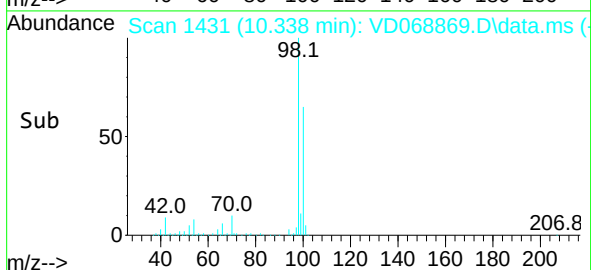
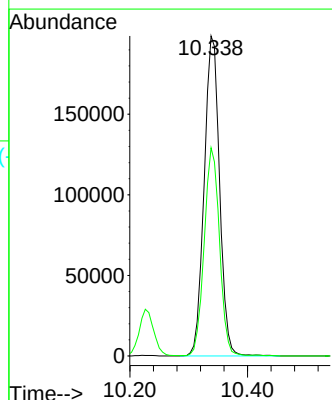
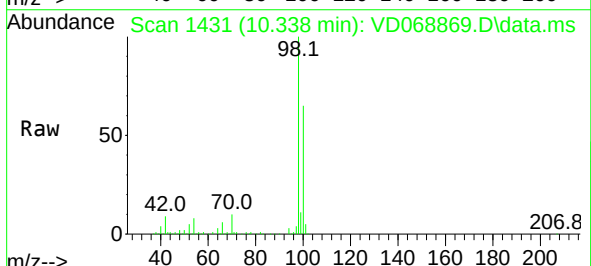
RT: 10.338 min Scan# 1431

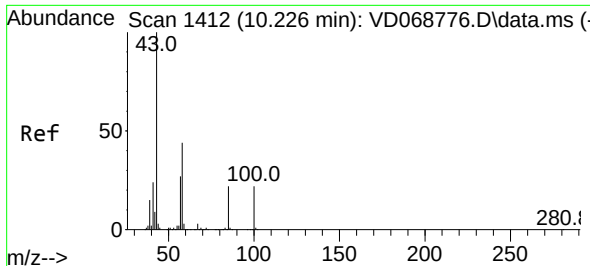
Delta R.T. -0.000 min

Lab File: VD068869.D

Acq: 16 Apr 2021 11:50

Tgt Ion:	98	Resp:	362312
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.8	77.6





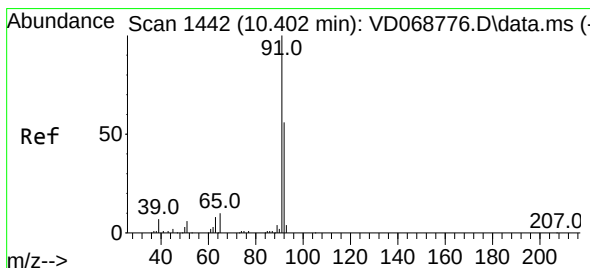
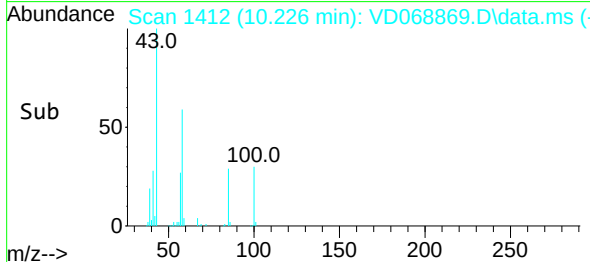
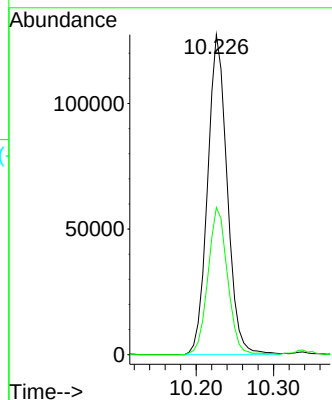
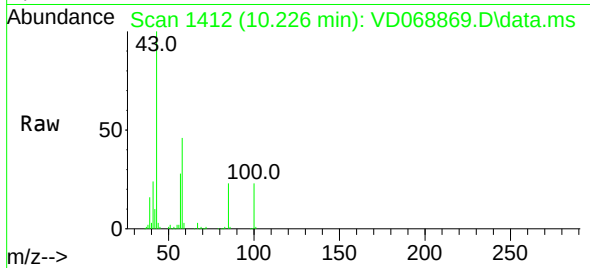
#51
4-Methyl-2-Pentanone
Concen: 245.90 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 43 Resp: 223913
Ion Ratio Lower Upper
43 100
58 46.0 37.3 55.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

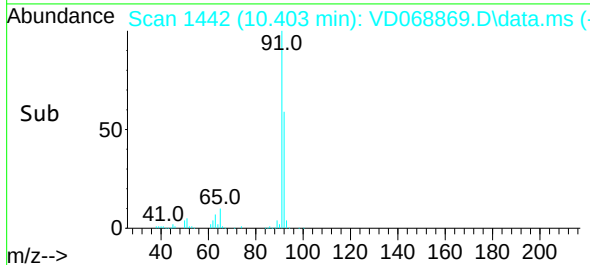
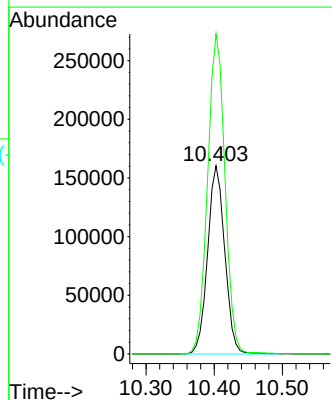
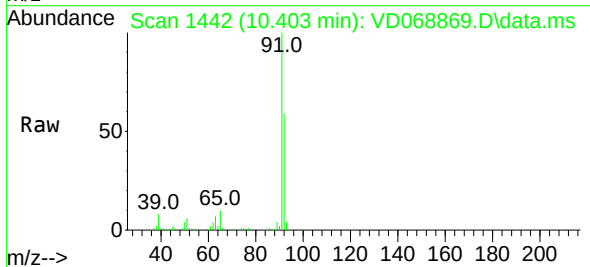
Manual Integrations
APPROVED

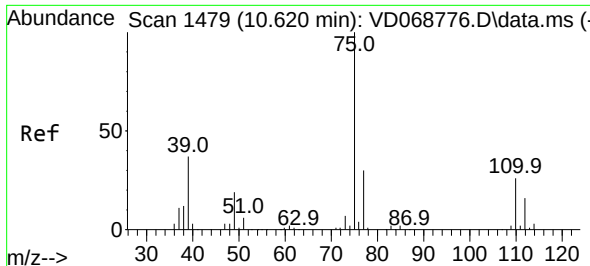
MMDadoda
4/19/2021 1:27:43 PM



#52
Toluene
Concen: 50.12 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.001 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 92 Resp: 280190
Ion Ratio Lower Upper
92 100
91 173.3 139.1 208.7





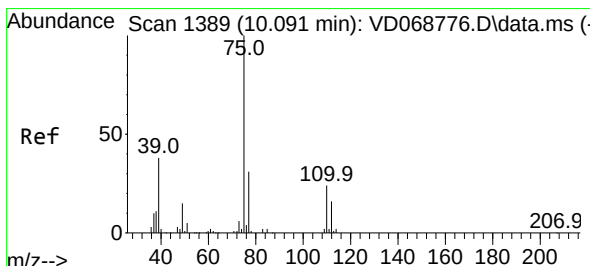
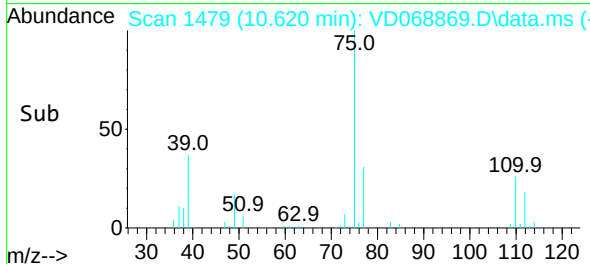
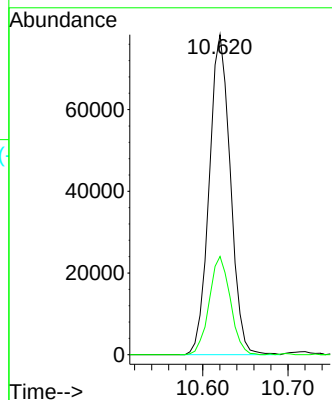
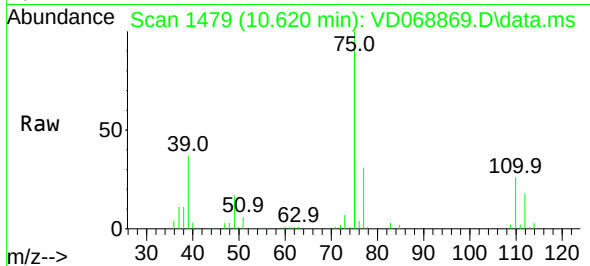
#53
t-1,3-Dichloropropene
Concen: 49.74 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 75 Resp: 135293
Ion Ratio Lower Upper
75 100
77 30.7 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

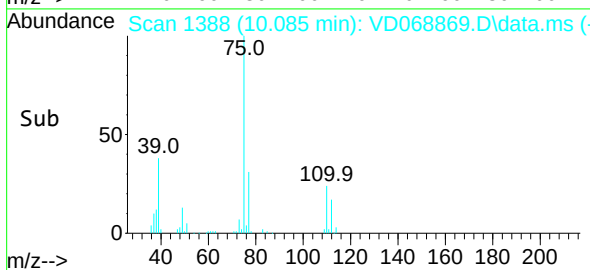
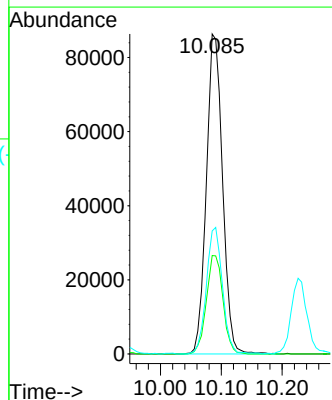
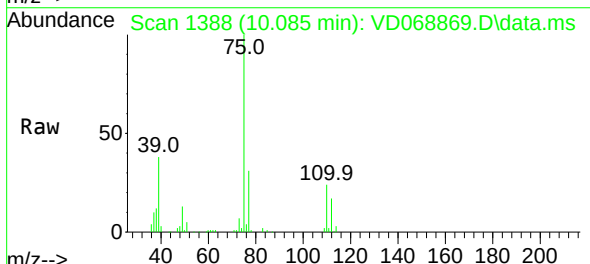
Manual Integrations
APPROVED

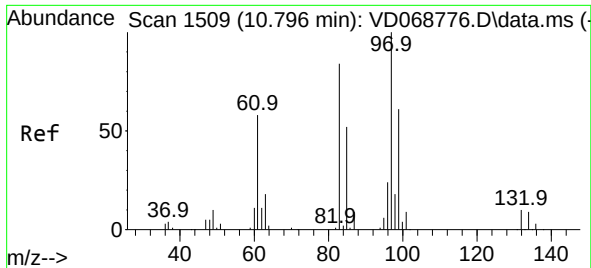
MMDadoda
4/19/2021 1:27:43 PM



#54
cis-1,3-Dichloropropene
Concen: 49.04 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 75 Resp: 159572
Ion Ratio Lower Upper
75 100
77 30.7 24.7 37.1
39 38.4 30.2 45.2





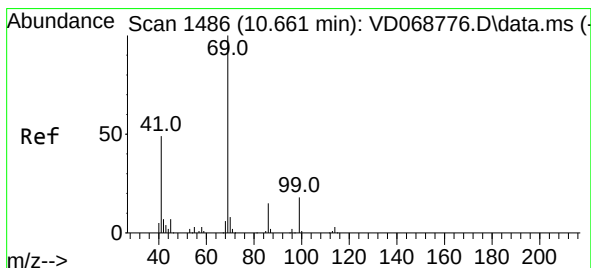
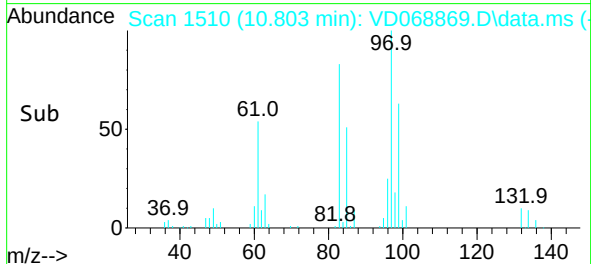
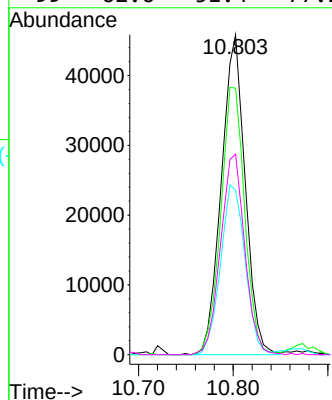
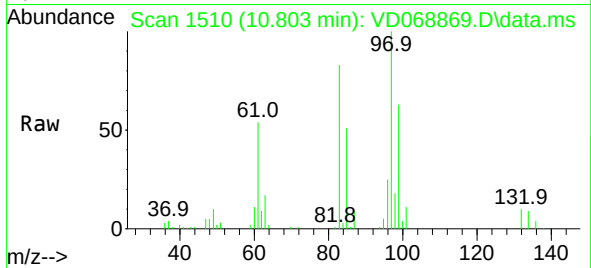
#55
1,1,2-Trichloroethane
Concen: 48.24 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.007 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:	97	Resp:	80124
Ion	Ratio	Lower	Upper
97	100		
83	83.3	65.7	98.5
85	51.4	44.3	66.5
99	62.6	51.4	77.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

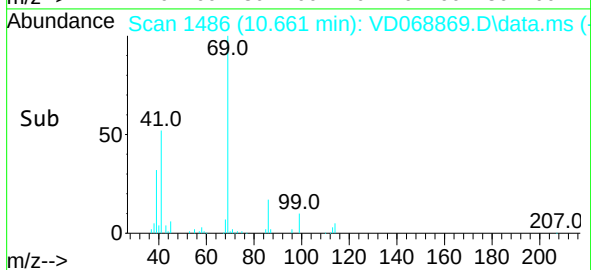
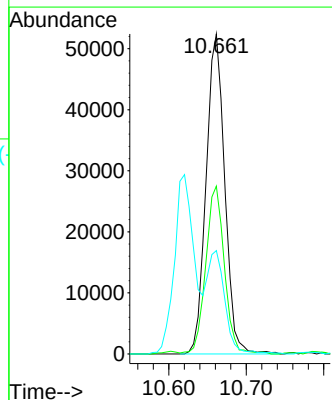
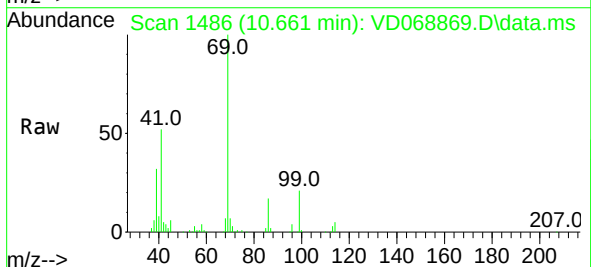
Manual Integrations
APPROVED

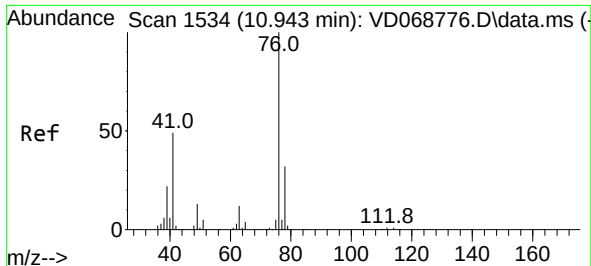
MMDadoda
4/19/2021 1:27:43 PM



#56
Ethyl methacrylate
Concen: 51.19 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:	69	Resp:	87522
Ion	Ratio	Lower	Upper
69	100		
41	52.4	42.2	63.4
39	30.7	24.2	36.2





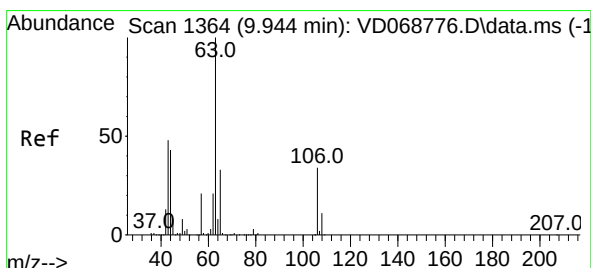
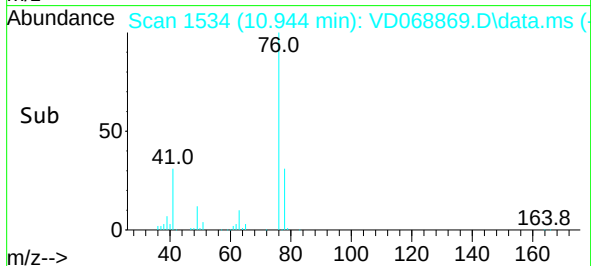
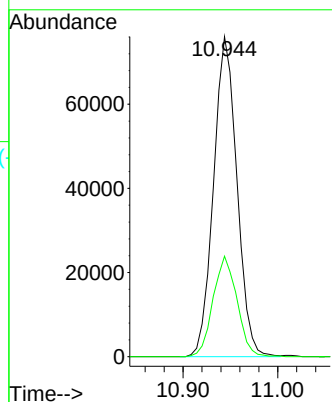
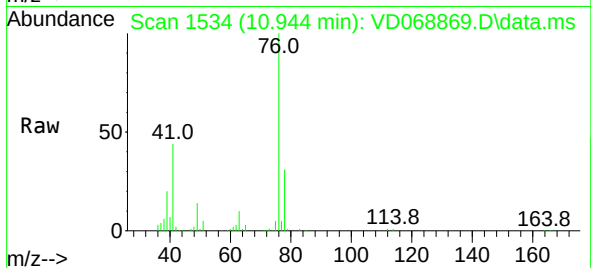
#57
1,3-Dichloropropane
Concen: 47.77 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.001 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 76 Resp: 130653
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

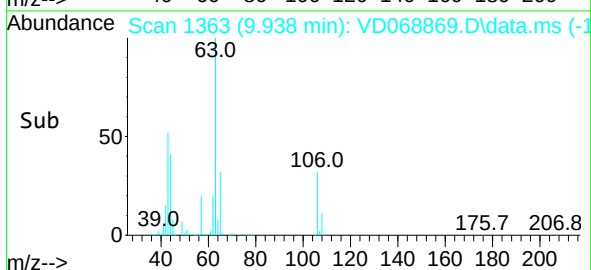
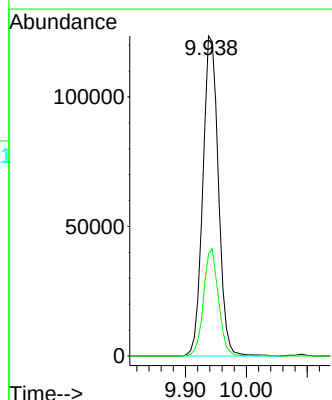
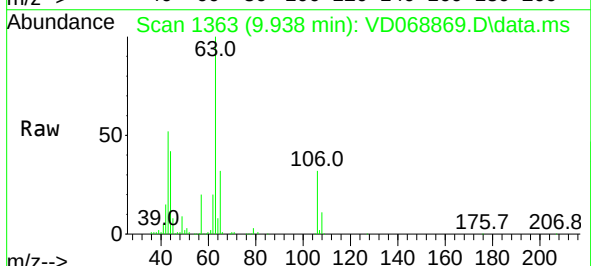
Manual Integrations
APPROVED

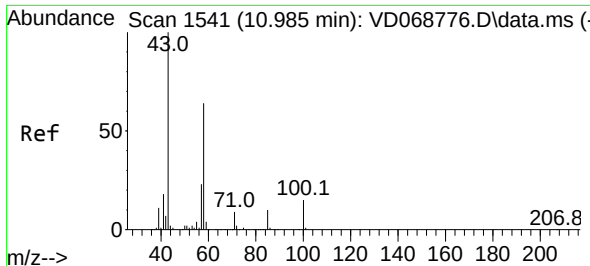
MMDadoda
4/19/2021 1:27:43 PM



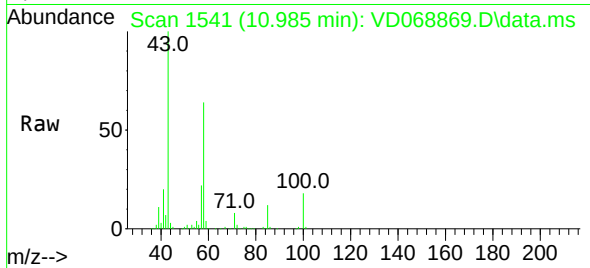
#58
2-Chloroethyl Vinyl ether
Concen: 241.79 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion: 63 Resp: 219560
Ion Ratio Lower Upper
63 100
106 32.0 24.6 36.8

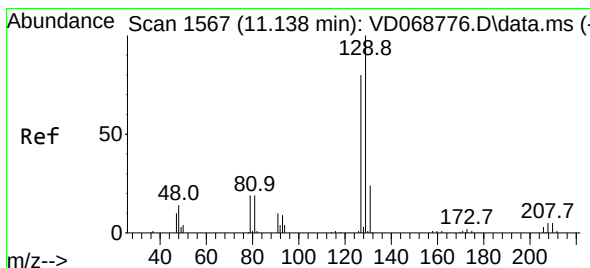
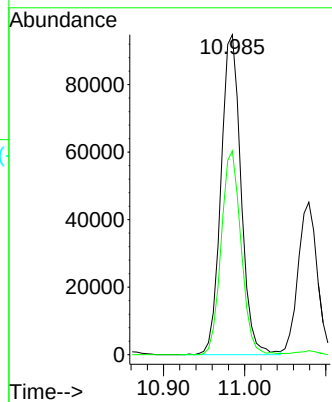
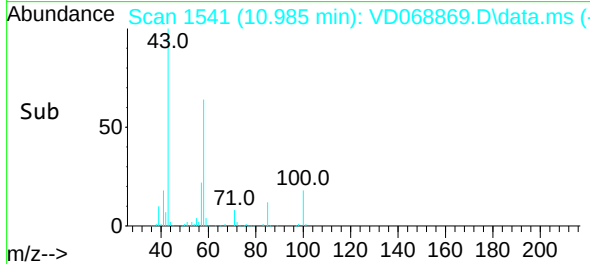




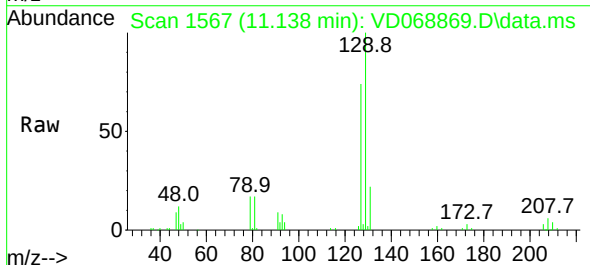
#59
2-Hexanone
Concen: 266.62 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



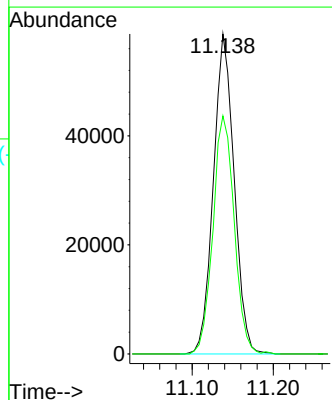
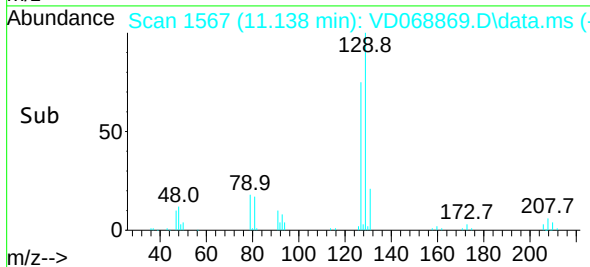
Tgt Ion: 43 Resp: 162449
Ion Ratio Lower Upper
43 100
58 63.1 31.3 93.8



#60
Dibromochloromethane
Concen: 50.06 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



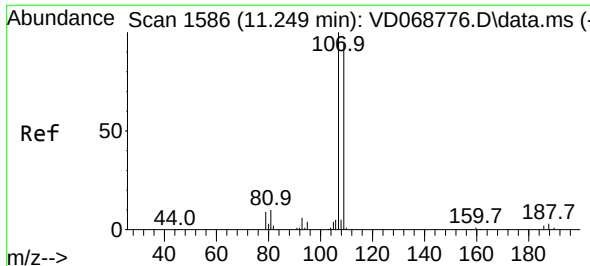
Tgt Ion: 129 Resp: 104260
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

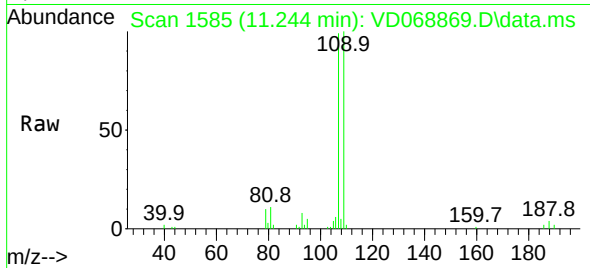
Manual Integrations
APPROVED

MMDadoda
4/19/2021 1:27:43 PM



#61
1,2-Dibromoethane
Concen: 47.49 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

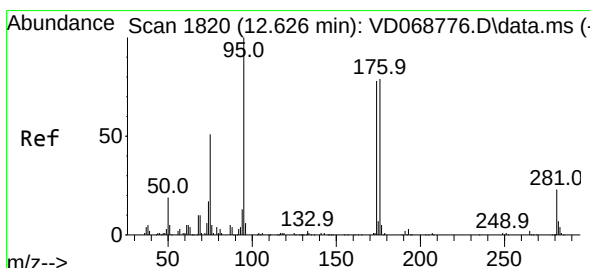
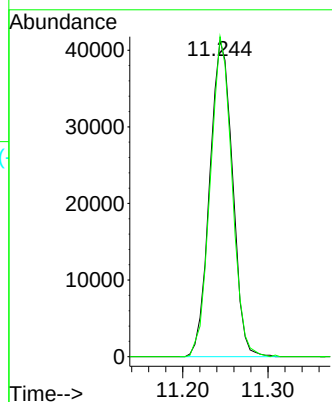
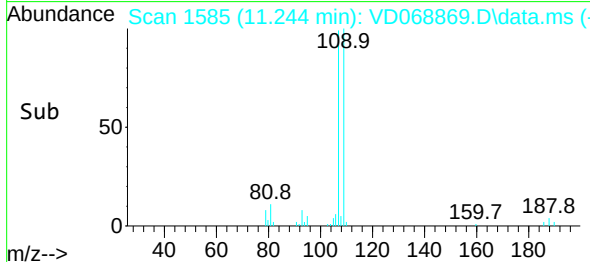
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



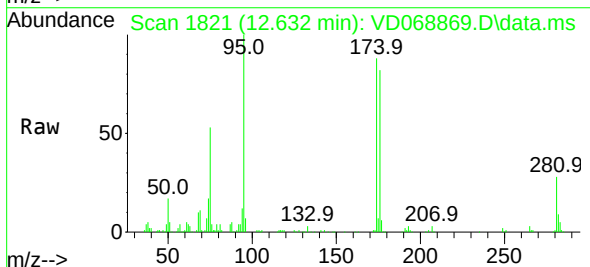
Tgt Ion:107 Resp: 76667
Ion Ratio Lower Upper
107 100
109 96.5 74.9 112.3

Manual Integrations
APPROVED

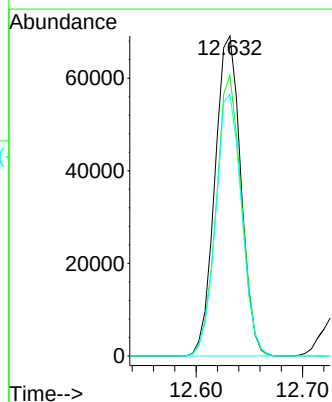
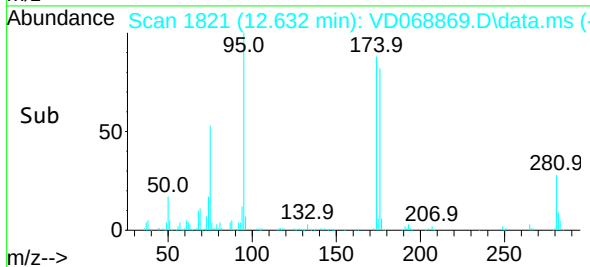
MMDadoda
4/19/2021 1:27:43 PM

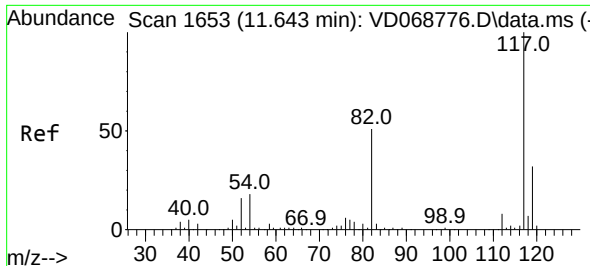


#62
4-Bromofluorobenzene
Concen: 48.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

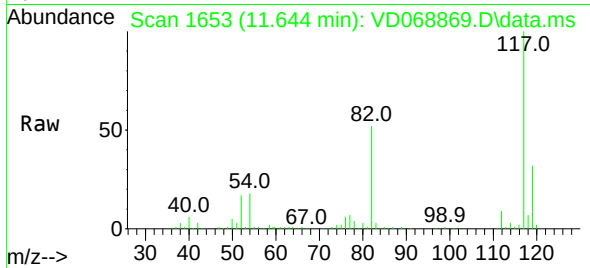


Tgt Ion: 95 Resp: 116736
Ion Ratio Lower Upper
95 100
174 85.5 0.0 168.0
176 81.8 0.0 160.2

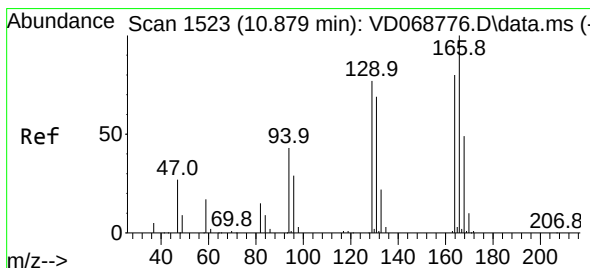
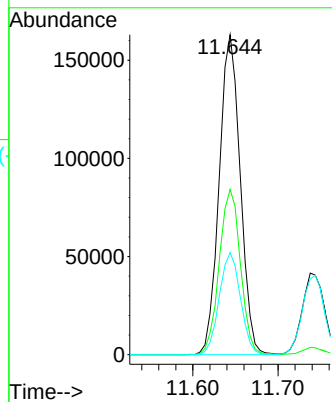
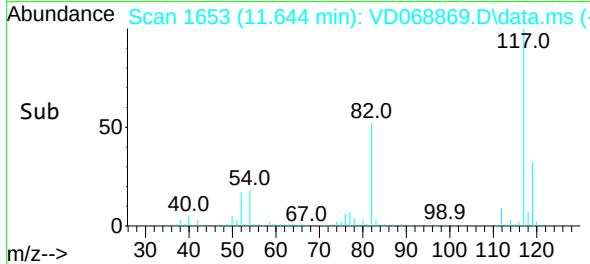




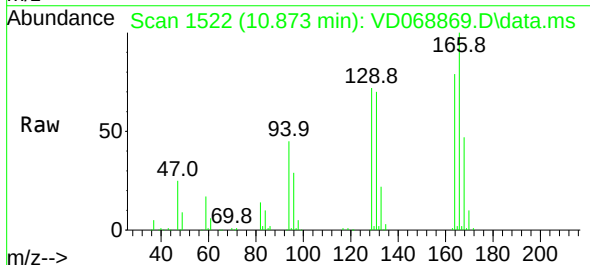
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



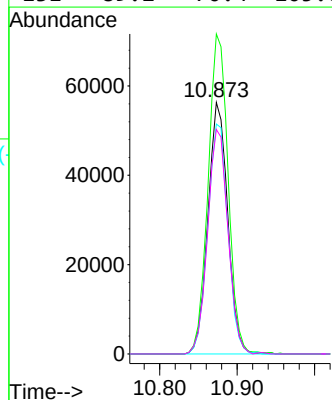
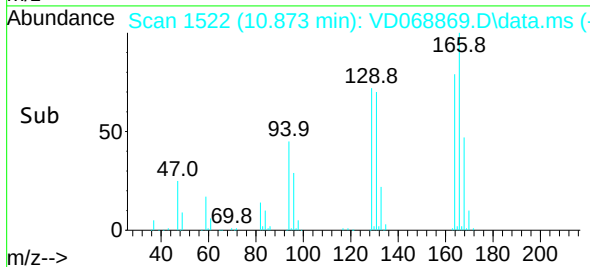
Tgt Ion:117 Resp: 279832
Ion Ratio Lower Upper
117 100
82 51.6 43.5 65.3
119 31.9 26.7 40.1



#64
Tetrachloroethene
Concen: 50.89 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



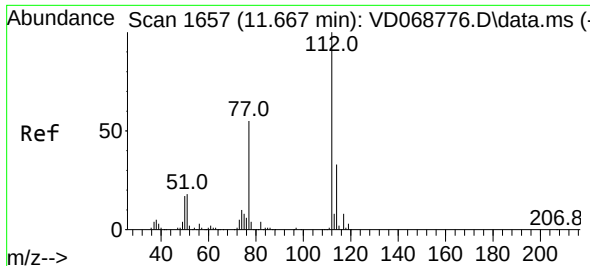
Tgt Ion:164 Resp: 99817
Ion Ratio Lower Upper
164 100
166 127.2 103.0 154.6
129 91.4 77.4 116.0
131 89.2 70.4 105.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

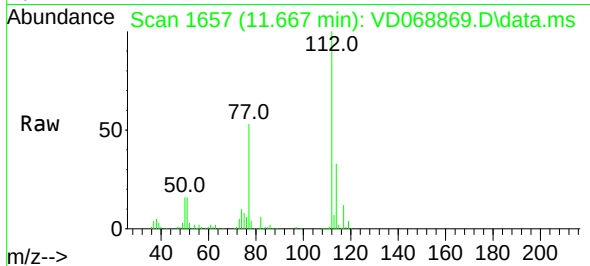
Manual Integrations
APPROVED

MMDadoda
4/19/2021 1:27:43 PM



#65
Chlorobenzene
Concen: 49.69 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

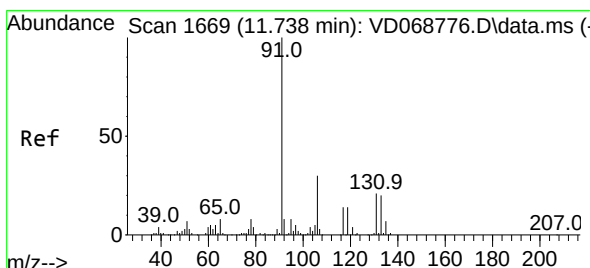
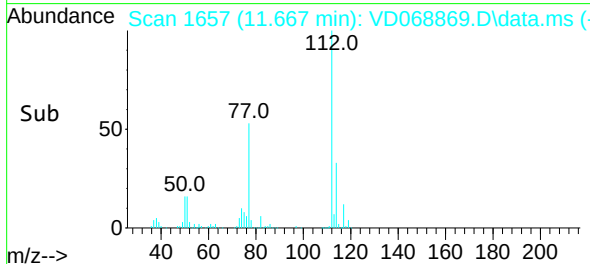
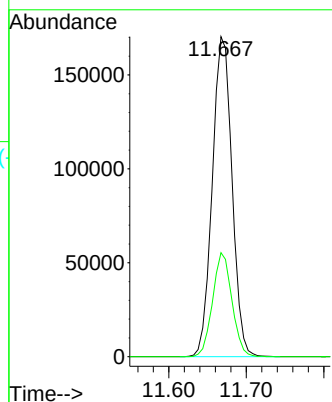
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



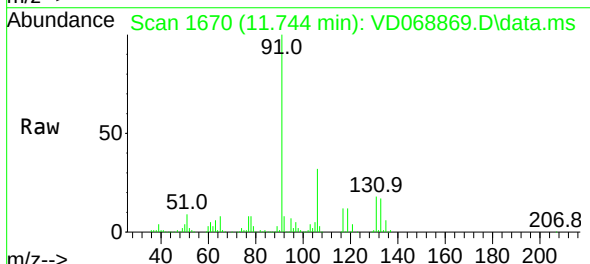
Tgt Ion:112 Resp: 301024
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8

Manual Integrations
APPROVED

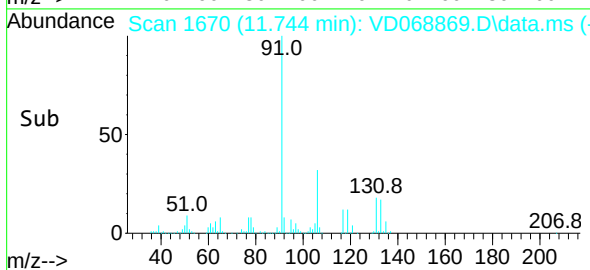
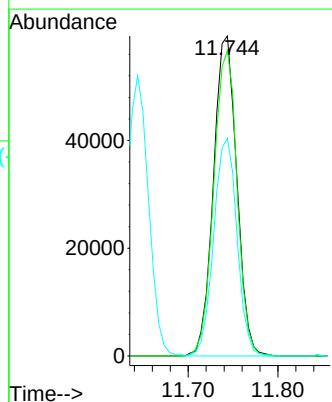
MMDadoda
4/19/2021 1:27:43 PM

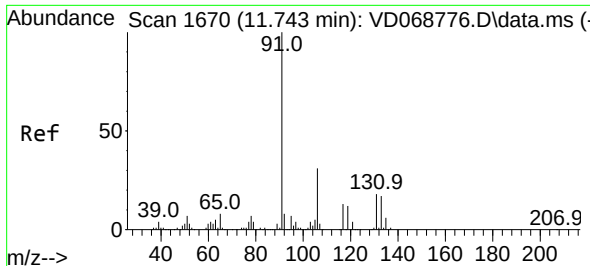


#66
1,1,1,2-Tetrachloroethane
Concen: 49.22 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



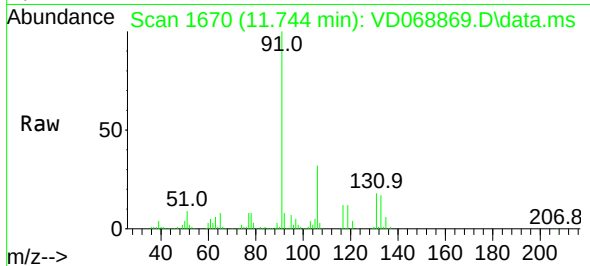
Tgt Ion:131 Resp: 107201
Ion Ratio Lower Upper
131 100
133 95.4 47.0 141.2
119 68.0 32.8 98.3





#67
Ethyl Benzene
Concen: 51.96 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.001 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

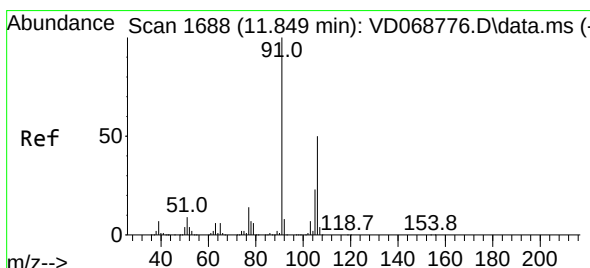
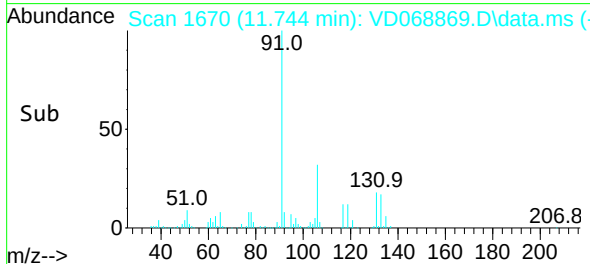
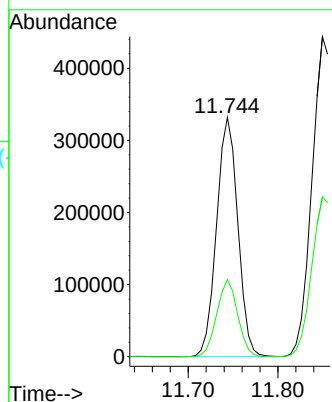
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 545077
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7

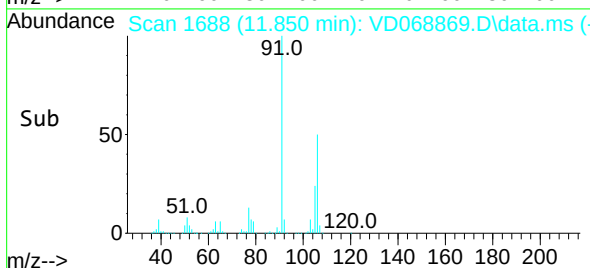
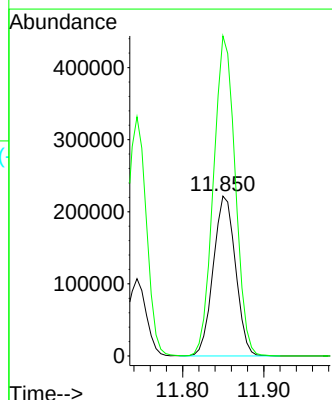
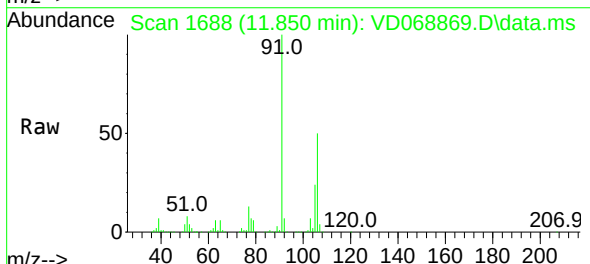
Manual Integrations
APPROVED

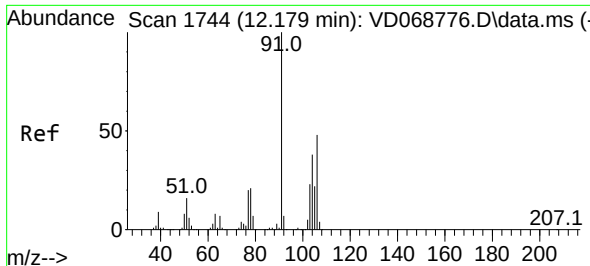
MMDadoda
4/19/2021 1:27:43 PM



#68
m/p-Xylenes
Concen: 104.41 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.001 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

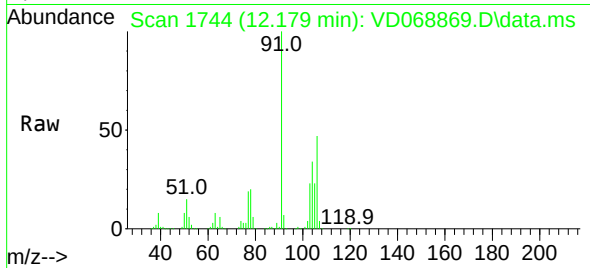
Tgt Ion: 106 Resp: 422594
Ion Ratio Lower Upper
106 100
91 195.9 158.6 238.0





#69
o-Xylene
Concen: 51.27 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

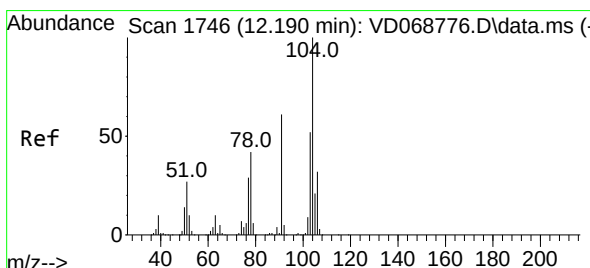
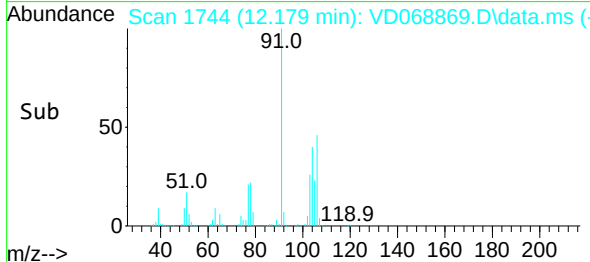
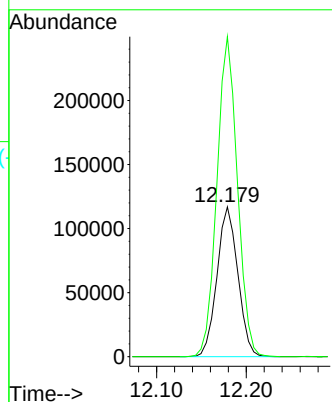
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 188714
Ion Ratio Lower Upper
106 100
91 210.0 105.0 315.0

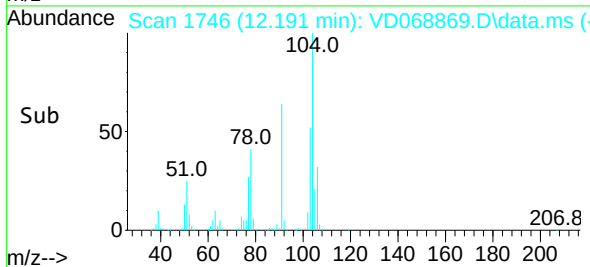
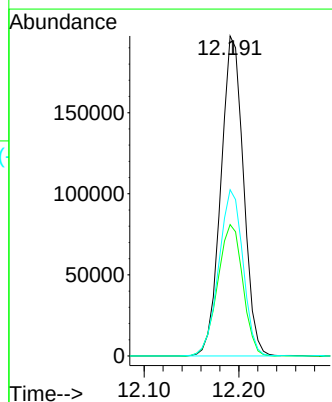
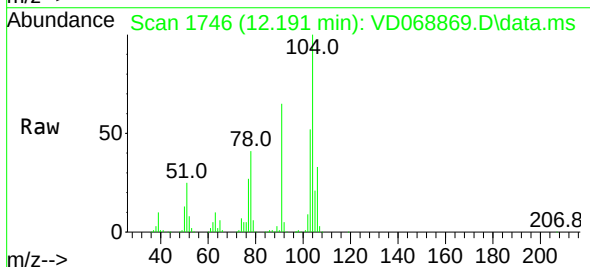
Manual Integrations
APPROVED

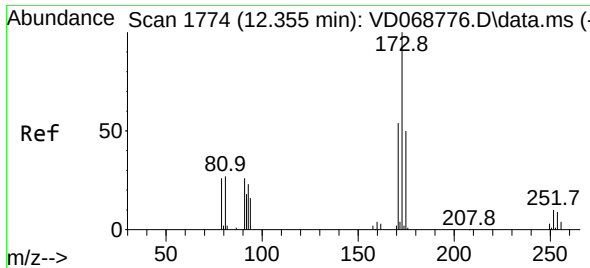
MMDadoda
4/19/2021 1:27:43 PM



#70
Styrene
Concen: 51.09 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.001 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:104 Resp: 327731
Ion Ratio Lower Upper
104 100
78 45.7 36.9 55.3
103 55.6 44.3 66.5





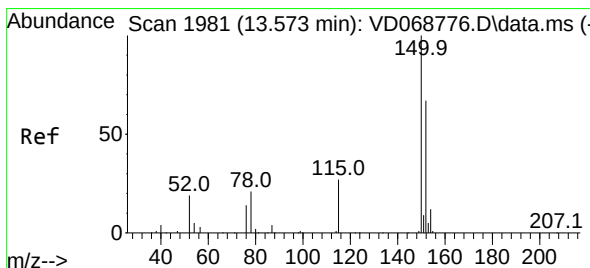
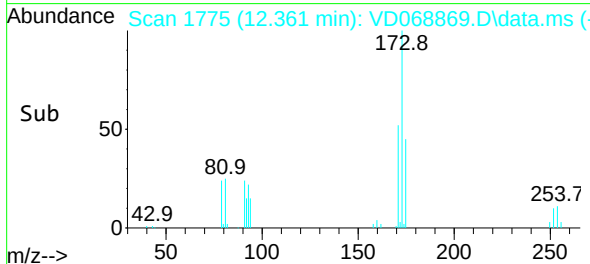
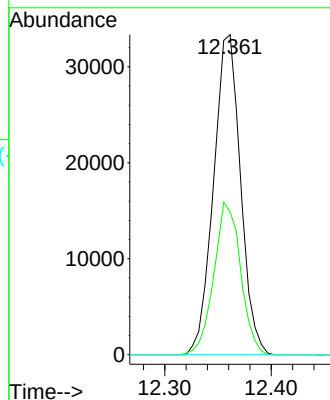
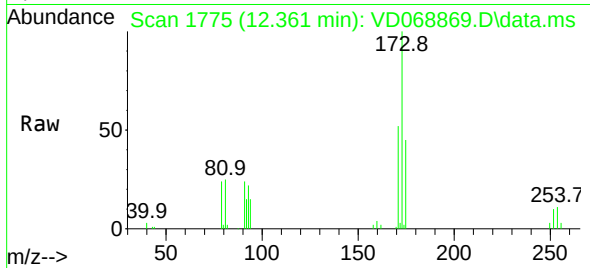
#71
Bromoform
Concen: 50.20 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:	173	Resp:	58575
Ion Ratio	Lower	Upper	
173	100		
175	47.1	23.6	71.0
254	0.0	0.0	0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

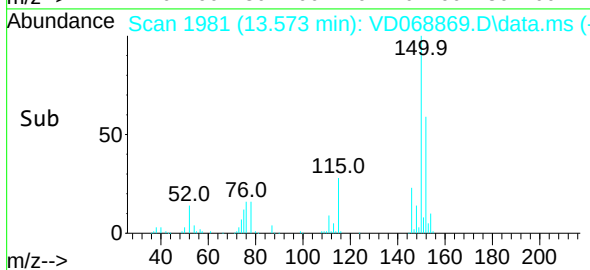
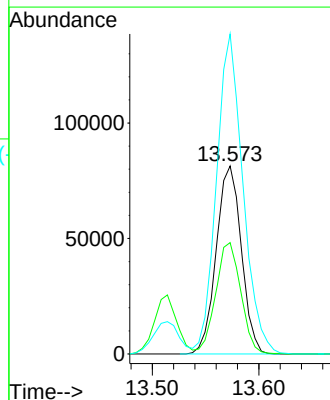
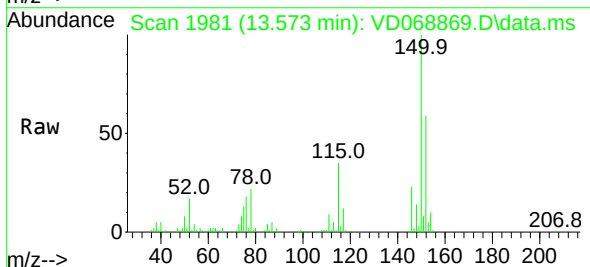
Manual Integrations
APPROVED

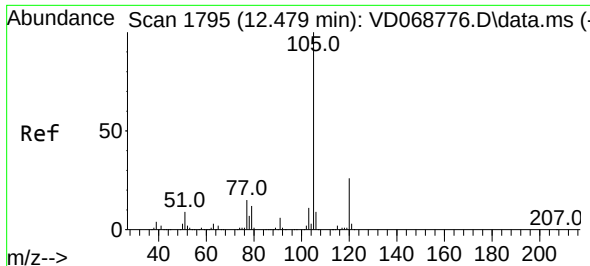
MMDadoda
4/19/2021 1:27:43 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

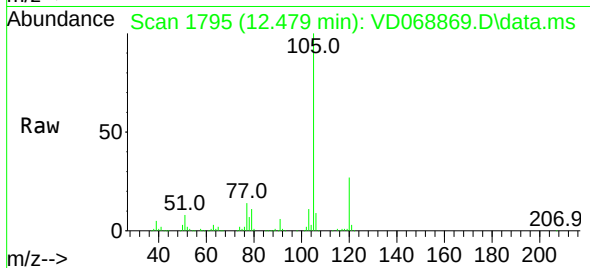
Tgt Ion:	152	Resp:	133161
Ion Ratio	Lower	Upper	
152	100		
115	59.3	29.3	87.8
150	179.5	0.0	347.6





#73
Isopropylbenzene
Concen: 54.10 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

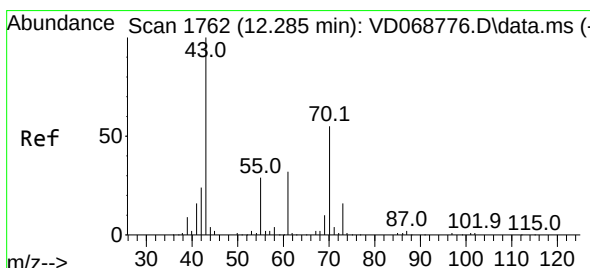
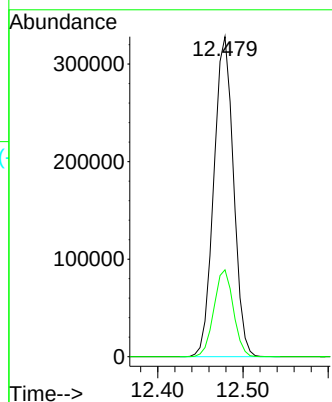
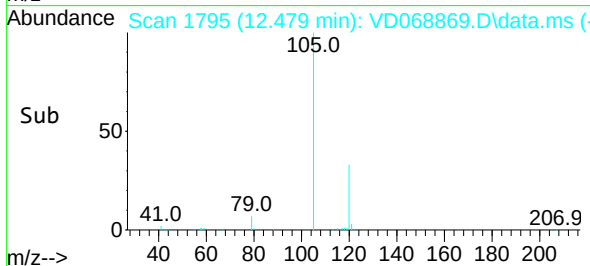
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



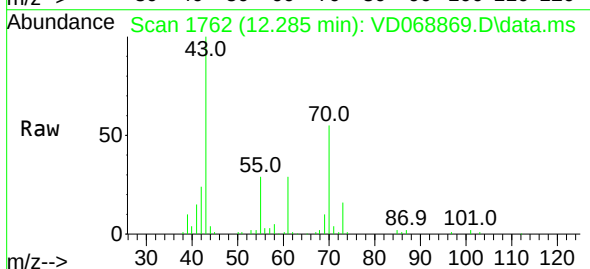
Tgt Ion: 105 Resp: 525963
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

Manual Integrations
APPROVED

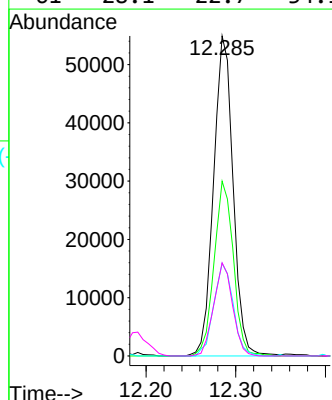
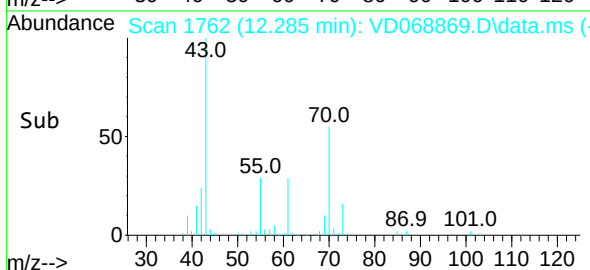
MMDadoda
4/19/2021 1:27:43 PM

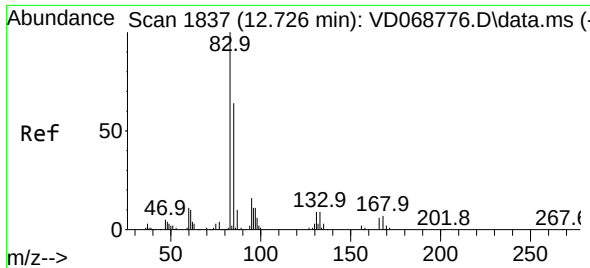


#74
N-ethyl acetate
Concen: 50.30 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



Tgt Ion: 43 Resp: 82936
Ion Ratio Lower Upper
43 100
70 54.1 41.9 62.9
55 28.9 22.8 34.2
61 28.1 22.7 34.1





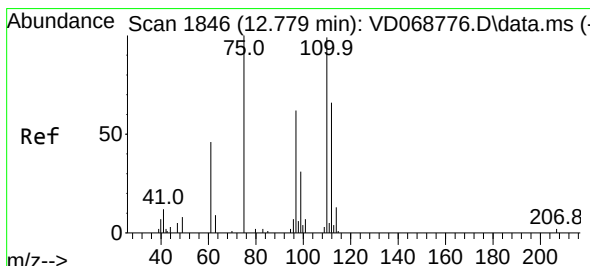
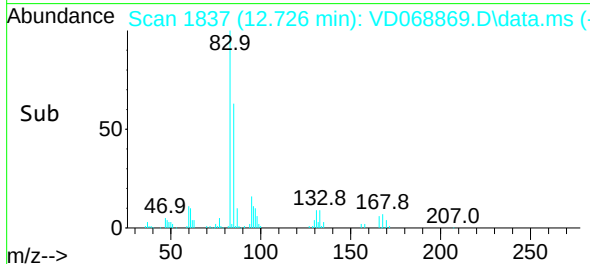
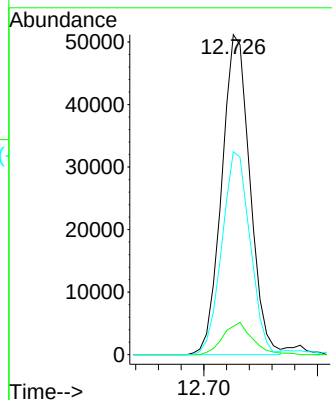
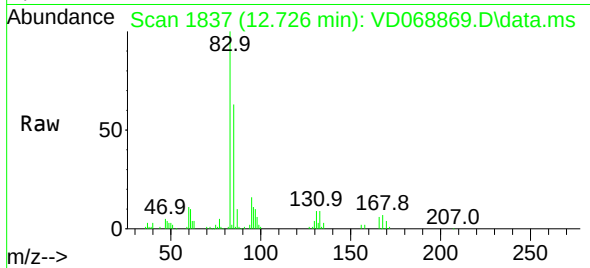
#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.43 ug/l
 RT: 12.726 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VD068869.D
 Acq: 16 Apr 2021 11:50

Tgt Ion:	83	Resp:	88008
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	63.7	32.0	96.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

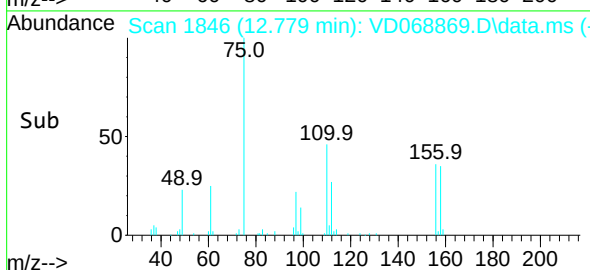
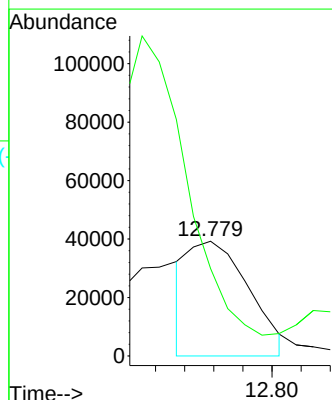
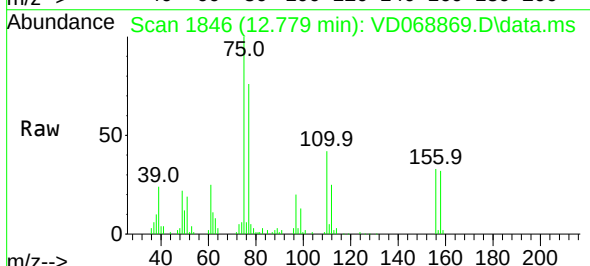
Manual Integrations
 APPROVED

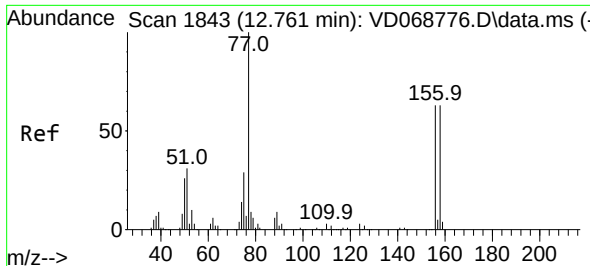
MMDadoda
 4/19/2021 1:27:43 PM



#76
 1,2,3-Trichloropropane
 Concen: 46.51 ug/l m
 RT: 12.779 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: VD068869.D
 Acq: 16 Apr 2021 11:50

Tgt Ion:	75	Resp:	56578
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





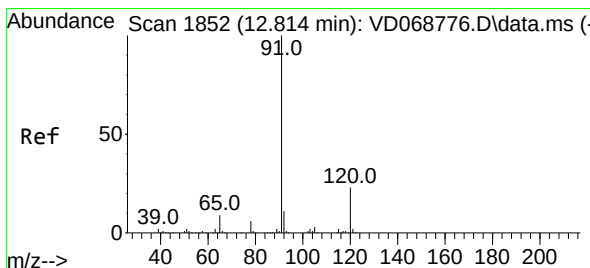
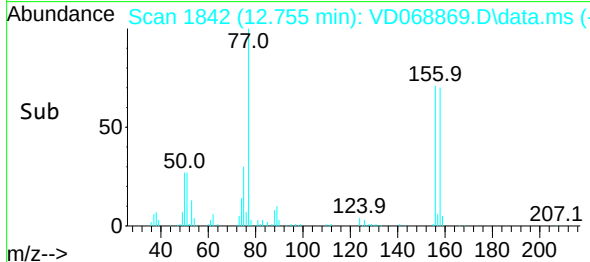
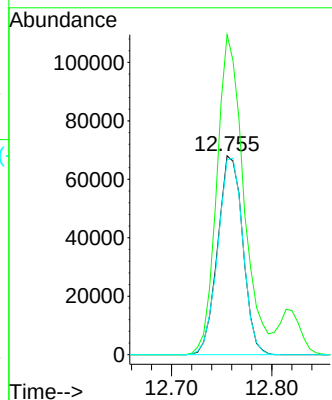
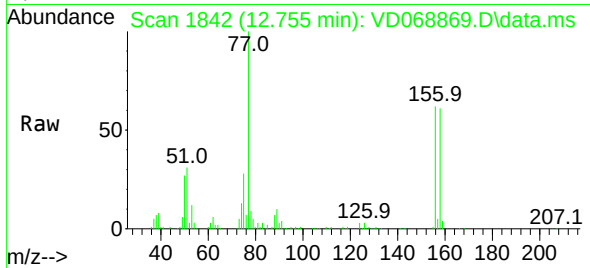
#77
Bromobenzene
Concen: 50.60 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:156 Resp: 118267
Ion Ratio Lower Upper
156 100
77 170.6 88.9 266.8
158 99.3 47.7 143.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

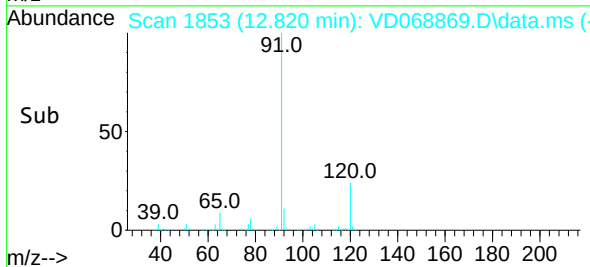
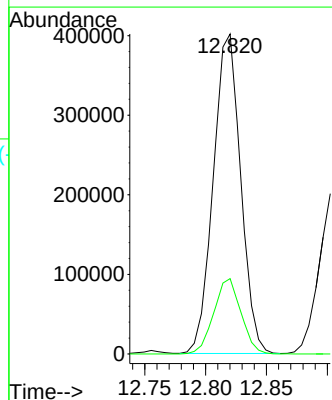
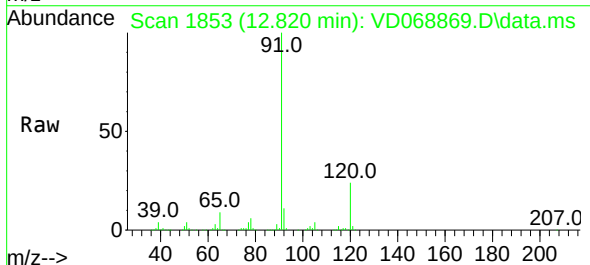
Manual Integrations
APPROVED

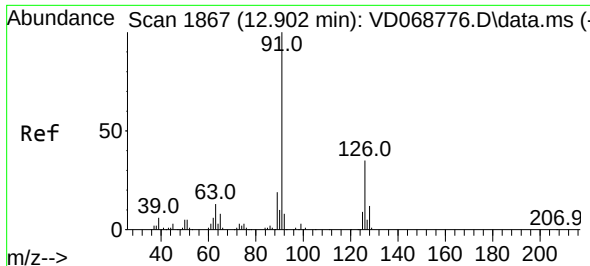
MMDadoda
4/19/2021 1:27:43 PM



#78
n-propylbenzene
Concen: 53.25 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

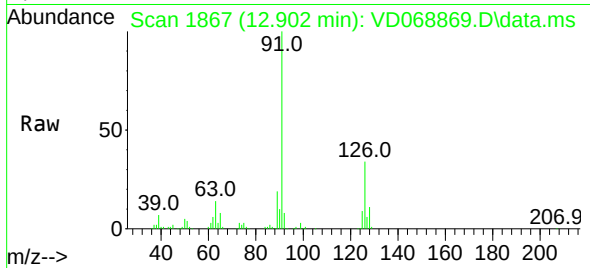
Tgt Ion: 91 Resp: 628861
Ion Ratio Lower Upper
91 100
120 23.4 11.4 34.2





#79
2-Chlorotoluene
Concen: 51.43 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

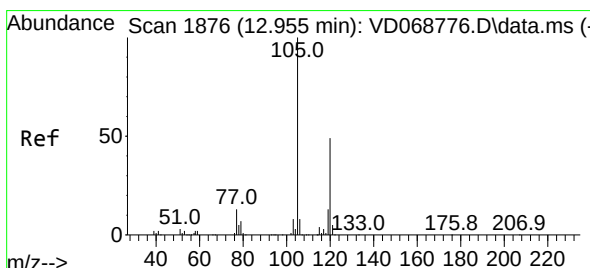
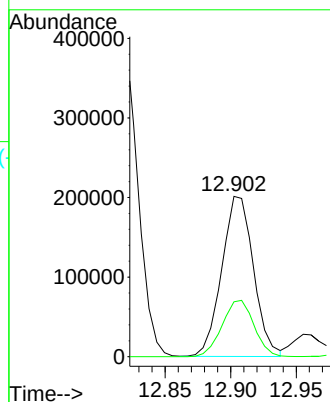
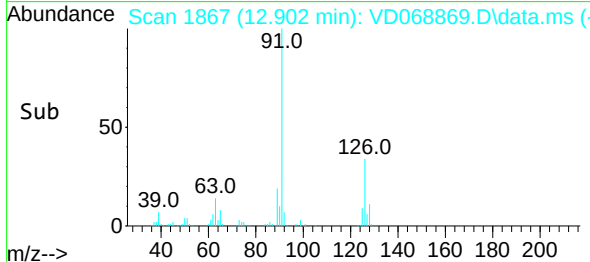
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



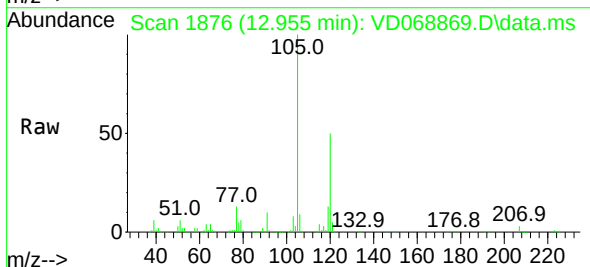
Tgt Ion: 91 Resp: 339276
Ion Ratio Lower Upper
91 100
126 35.4 17.1 51.3

Manual Integrations
APPROVED

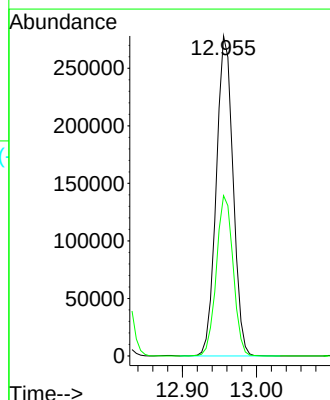
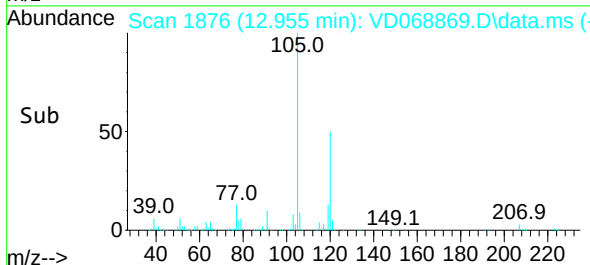
MMDadoda
4/19/2021 1:27:43 PM

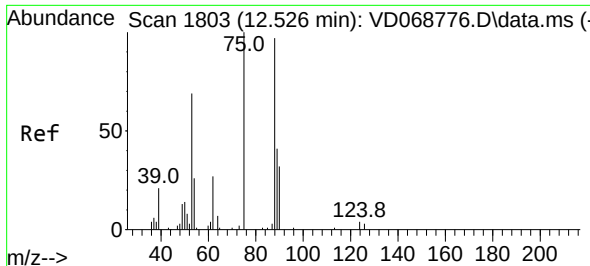


#80
1,3,5-Trimethylbenzene
Concen: 53.85 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



Tgt Ion: 105 Resp: 437745
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.7





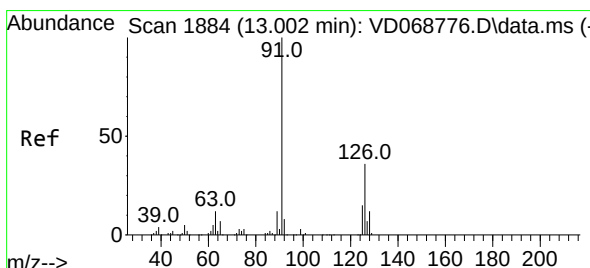
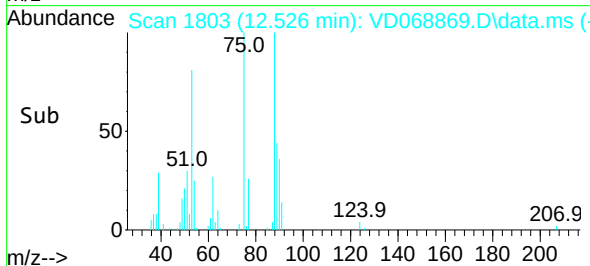
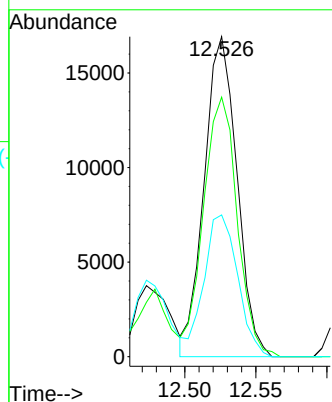
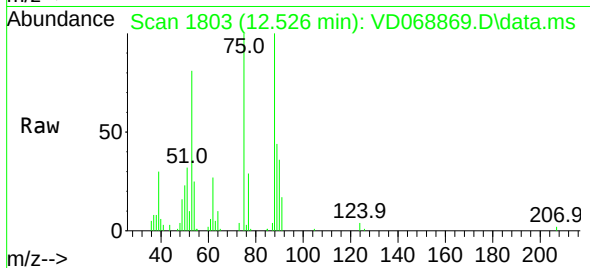
#81
trans-1,4-Dichloro-2-butene
Concen: 51.81 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion	Ratio	Lower	Upper
75	100		
53	83.7	66.8	100.2
89	44.8	36.6	54.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

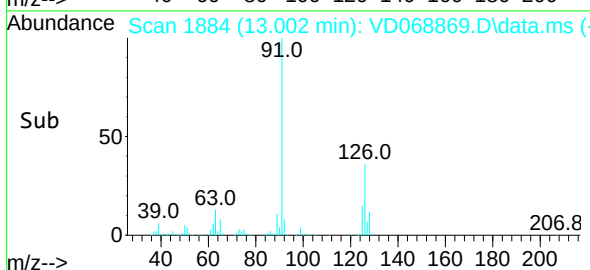
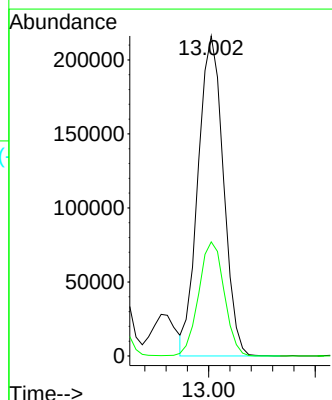
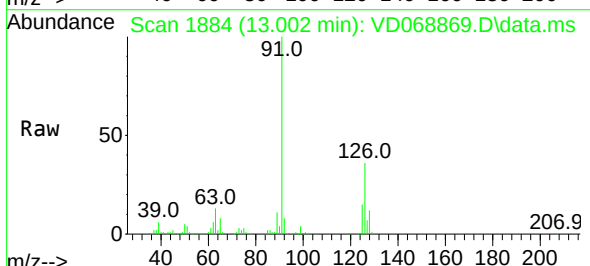
Manual Integrations
APPROVED

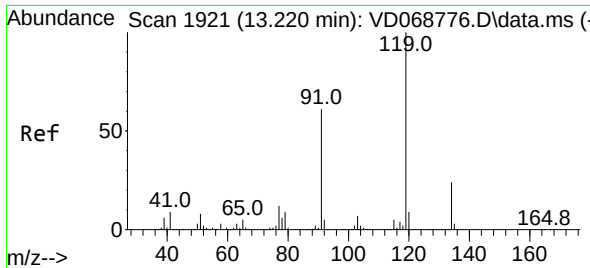
MMDadoda
4/19/2021 1:27:43 PM



#82
4-Chlorotoluene
Concen: 51.04 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.2	51.5





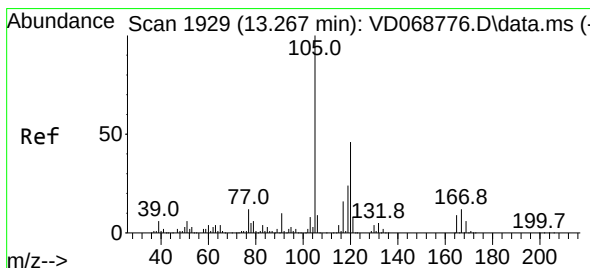
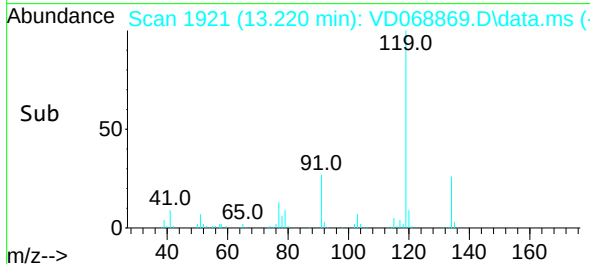
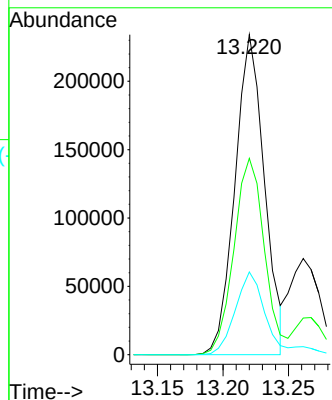
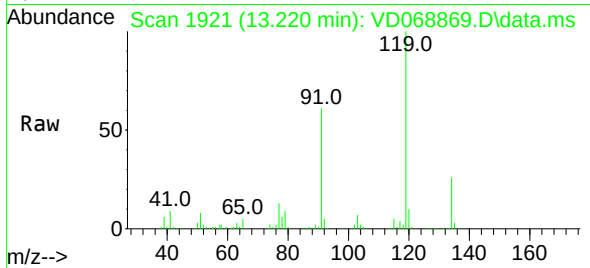
#83
tert-Butylbenzene
Concen: 53.08 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:119 Resp: 366109
Ion Ratio Lower Upper
119 100
91 63.9 31.6 95.0
134 27.6 13.4 40.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

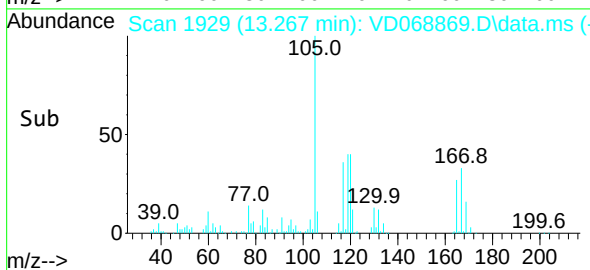
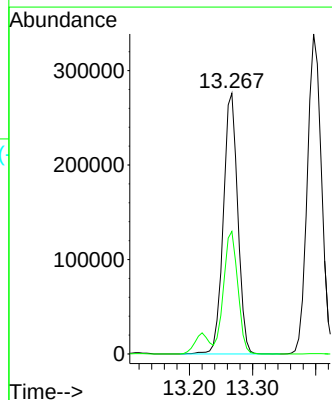
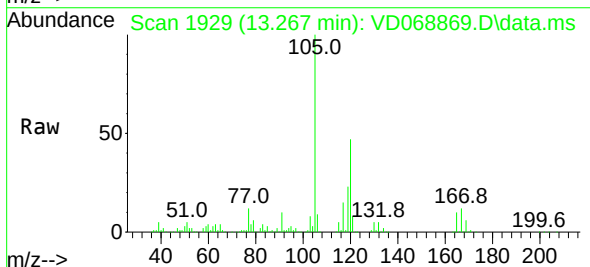
Manual Integrations
APPROVED

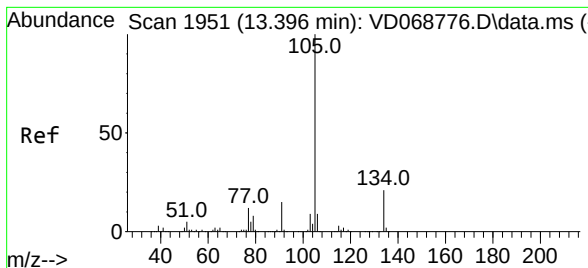
MMDadoda
4/19/2021 1:27:43 PM



#84
1,2,4-Trimethylbenzene
Concen: 53.36 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

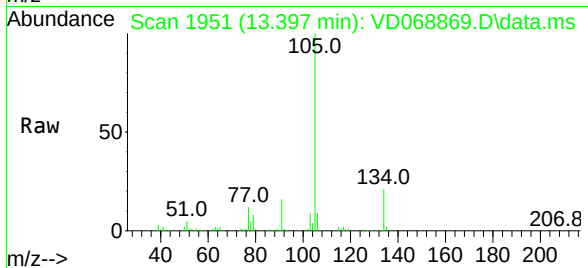
Tgt Ion:105 Resp: 438065
Ion Ratio Lower Upper
105 100
120 46.4 22.6 67.7





#85
 sec-Butylbenzene
 Concen: 53.89 ug/l
 RT: 13.397 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD068869.D
 Acq: 16 Apr 2021 11:50

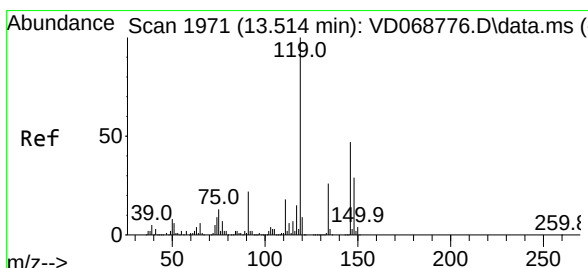
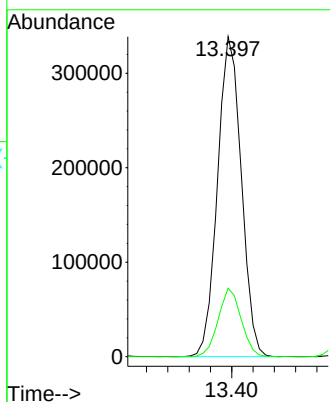
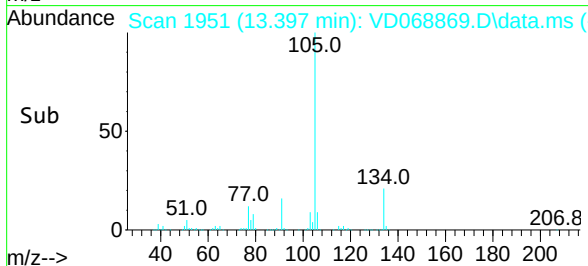
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



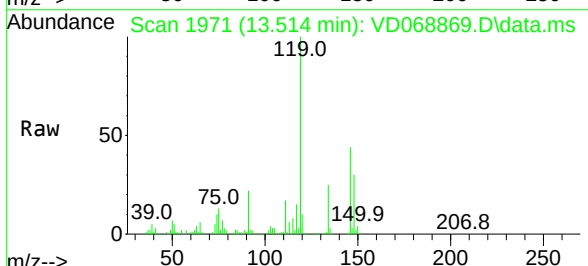
Tgt Ion:105 Resp: 524456
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.0 29.8

Manual Integrations
 APPROVED

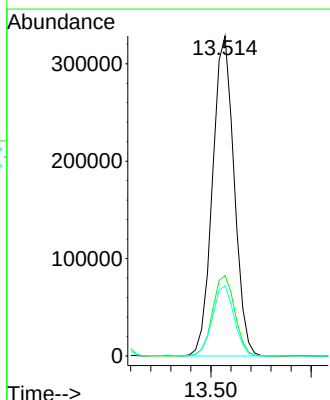
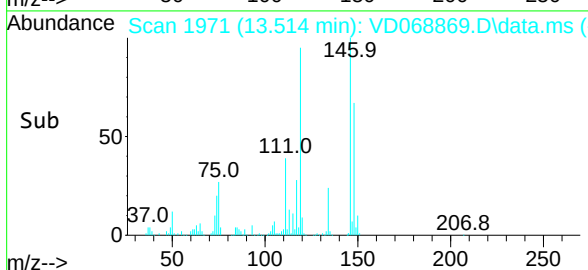
MMDadoda
 4/19/2021 1:27:43 PM

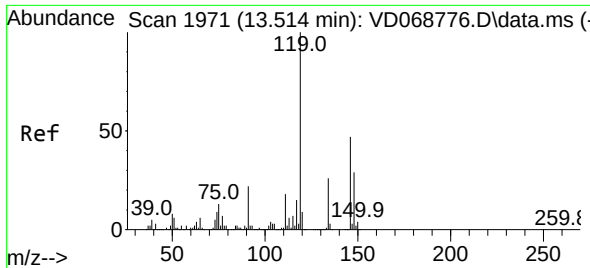


#86
 p-Isopropyltoluene
 Concen: 55.15 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068869.D
 Acq: 16 Apr 2021 11:50



Tgt Ion:119 Resp: 490225
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.9
 91 22.1 11.1 33.1





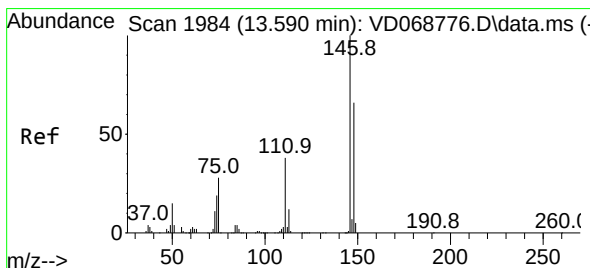
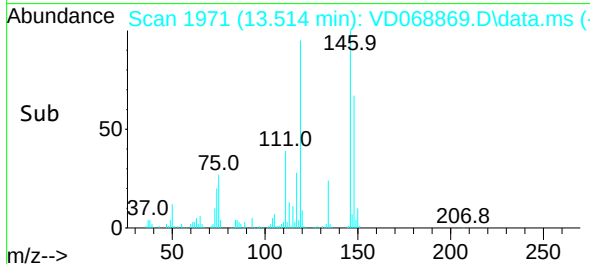
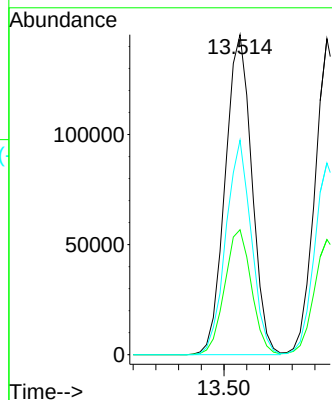
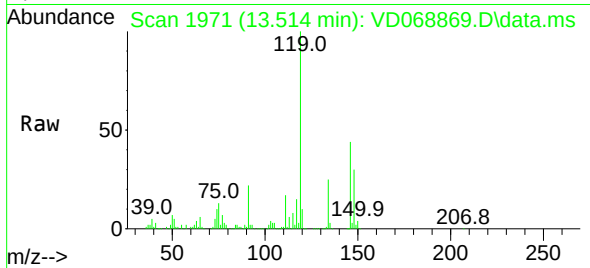
#87
1,3-Dichlorobenzene
Concen: 51.11 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:146 Resp: 236673
Ion Ratio Lower Upper
146 100
111 39.3 19.3 57.8
148 64.4 30.9 92.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

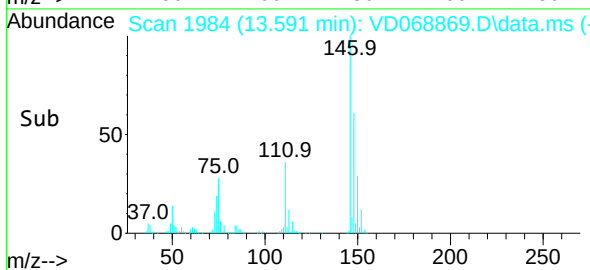
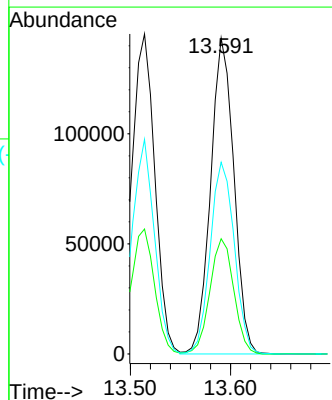
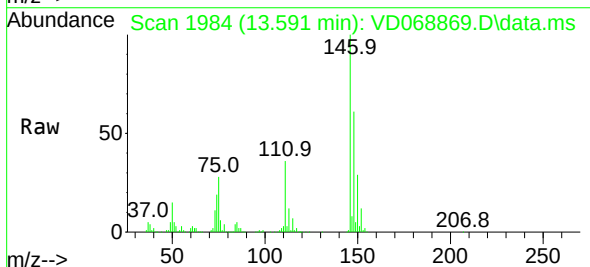
Manual Integrations
APPROVED

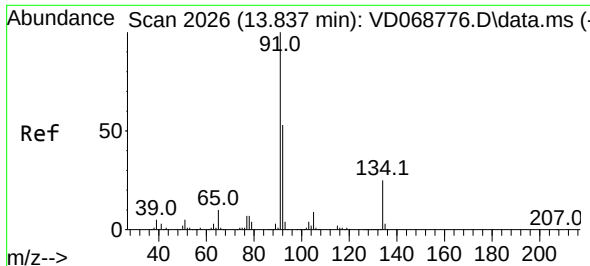
MMDadoda
4/19/2021 1:27:43 PM



#88
1,4-Dichlorobenzene
Concen: 50.59 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.001 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

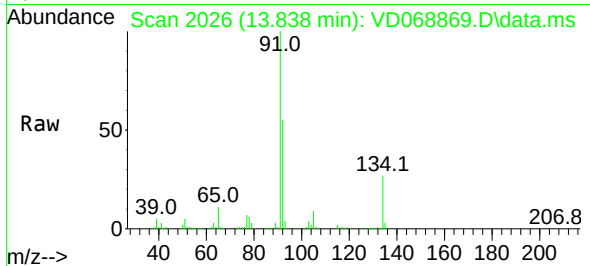
Tgt Ion:146 Resp: 231845
Ion Ratio Lower Upper
146 100
111 37.4 19.1 57.1
148 63.0 31.6 95.0





#89
n-Butylbenzene
Concen: 54.49 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.001 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

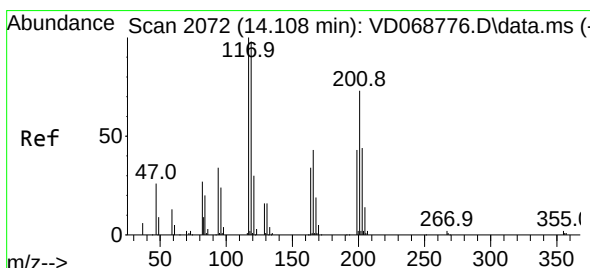
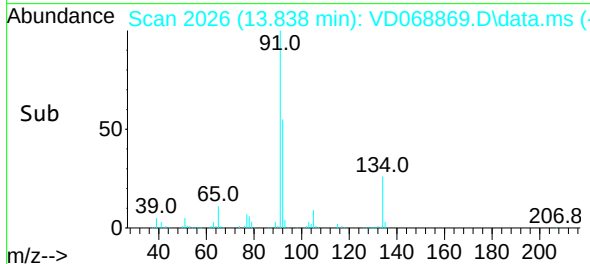
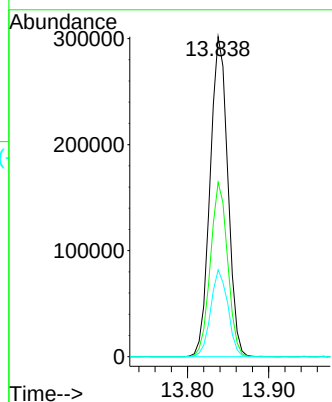
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:	91	Resp:	456217
Ion Ratio	100	Lower	Upper
91	100		
92	53.0	26.7	80.1
134	26.2	12.9	38.6

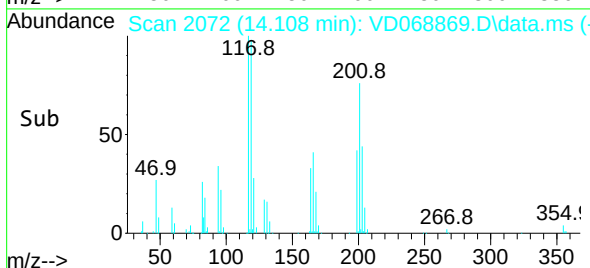
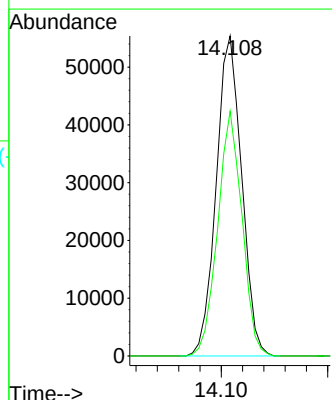
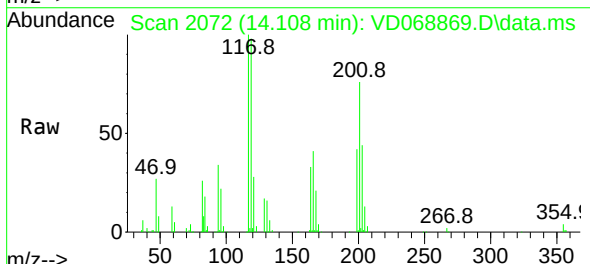
Manual Integrations
APPROVED

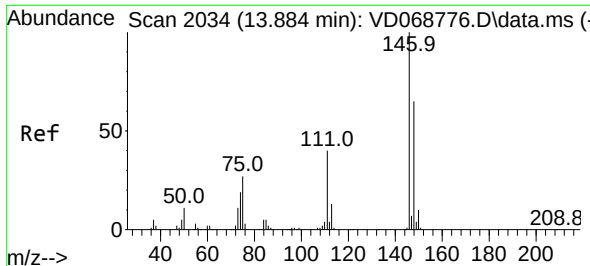
MMDadoda
4/19/2021 1:27:43 PM



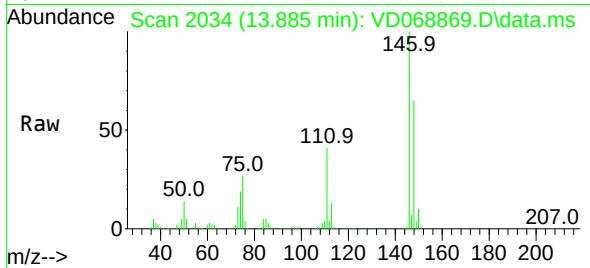
#90
Hexachloroethane
Concen: 51.92 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

Tgt Ion:	117	Resp:	91927
Ion Ratio	100	Lower	Upper
117	100		
201	73.0	35.4	106.2





#91
1,2-Dichlorobenzene
Concen: 50.20 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.001 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

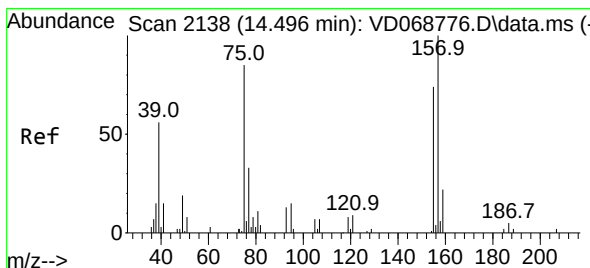
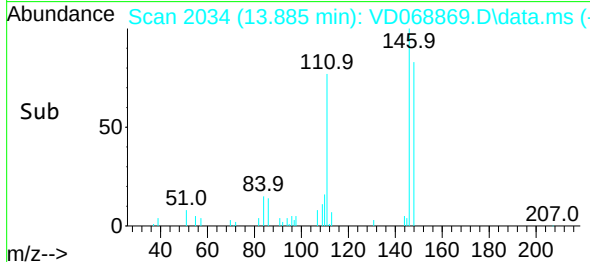
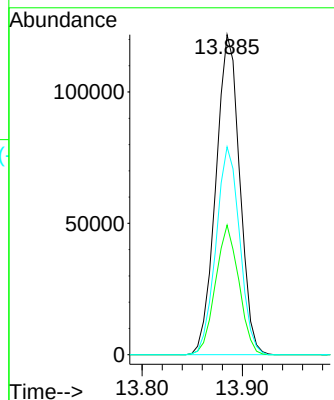


Tgt Ion: 146 Resp: 201184
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 64.7 32.2 96.6

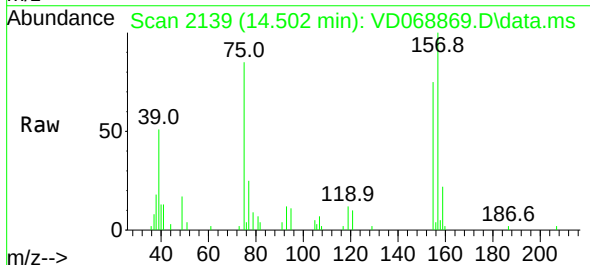
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

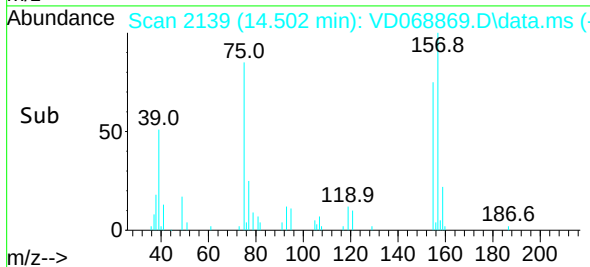
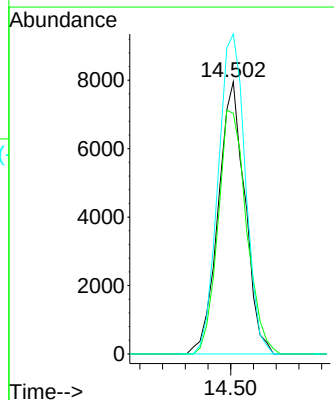
MMDadoda
4/19/2021 1:27:43 PM

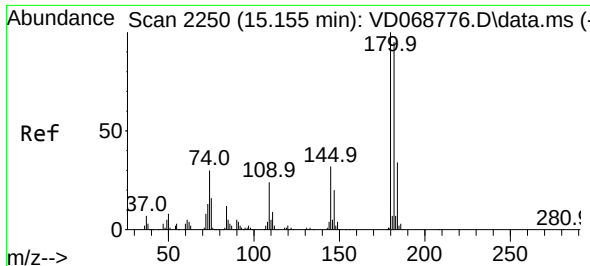


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.04 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

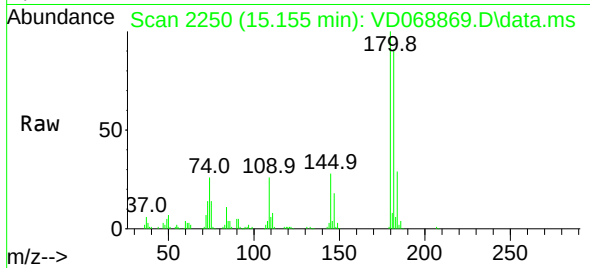


Tgt Ion: 75 Resp: 12995
Ion Ratio Lower Upper
75 100
155 95.2 46.8 140.3
157 119.5 59.8 179.3

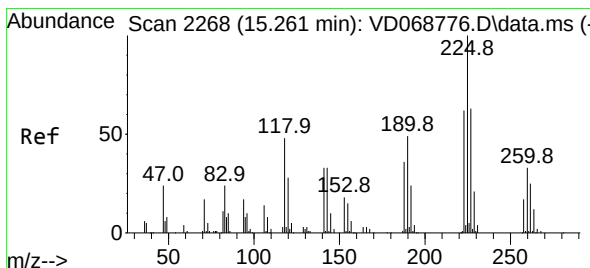
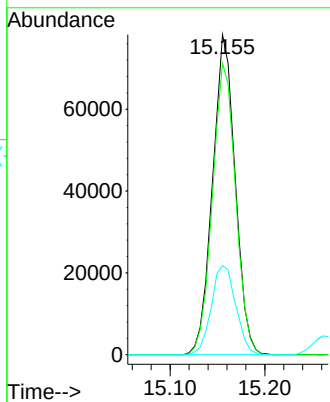
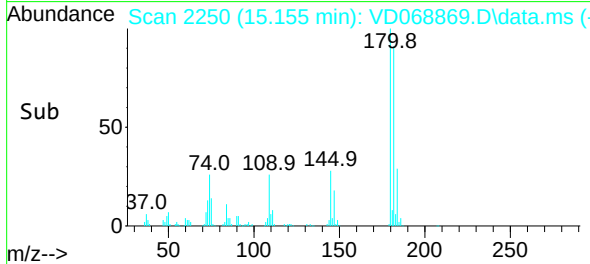




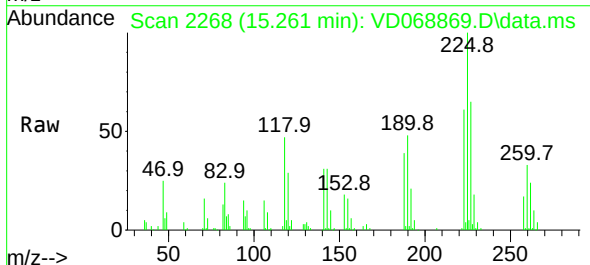
#93
1,2,4-Trichlorobenzene
Concen: 52.40 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



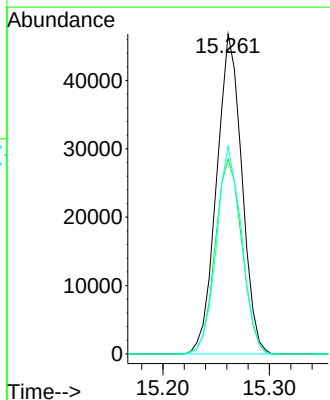
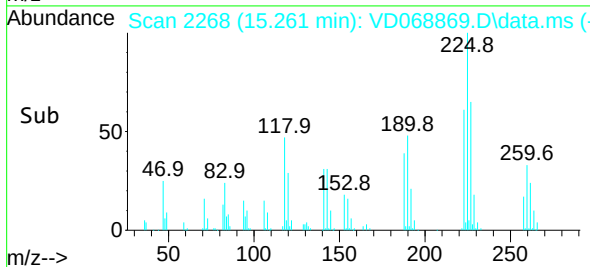
Tgt Ion:180 Resp: 129945
Ion Ratio Lower Upper
180 100
182 93.1 47.9 143.8
145 30.0 15.2 45.6



#94
Hexachlorobutadiene
Concen: 54.33 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



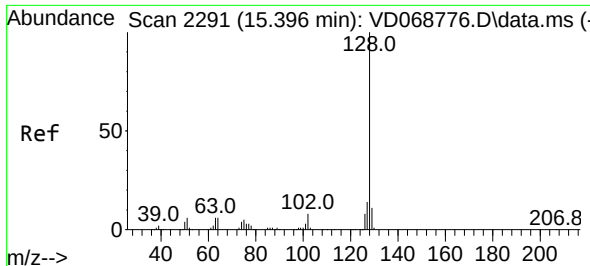
Tgt Ion:225 Resp: 77133
Ion Ratio Lower Upper
225 100
223 64.2 30.6 91.6
227 64.4 31.4 94.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

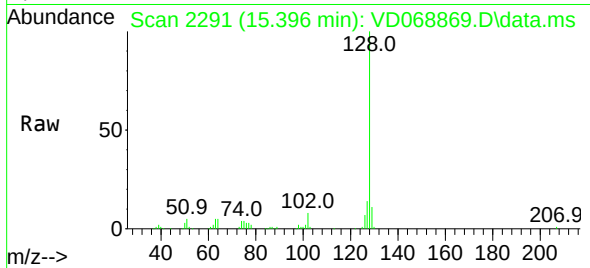
Manual Integrations
APPROVED

MMDadoda
4/19/2021 1:27:43 PM



#95
Naphthalene
Concen: 54.22 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50

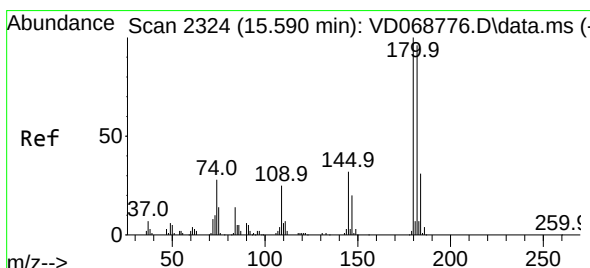
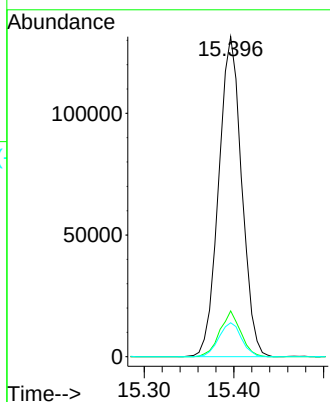
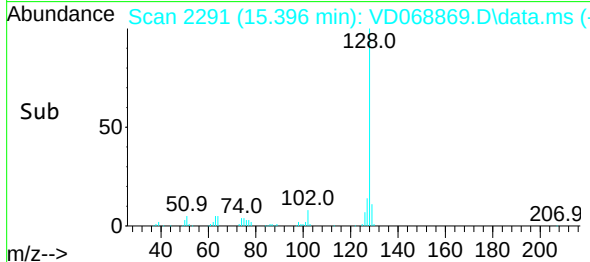
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



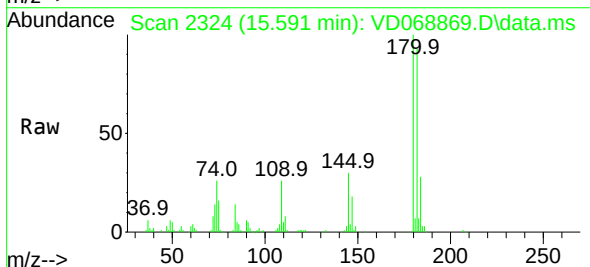
Tgt Ion:128 Resp: 234168
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.4 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
4/19/2021 1:27:43 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.20 ug/l
RT: 15.591 min Scan# 2324
Delta R.T. 0.001 min
Lab File: VD068869.D
Acq: 16 Apr 2021 11:50



Tgt Ion:180 Resp: 113210
Ion Ratio Lower Upper
180 100
182 95.2 46.5 139.3
145 32.0 15.8 47.4

