

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070671.D
 Acq On : 12 Oct 2021 11:06
 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
 10/15/2021 1:18:35 AM

Quant Time: Oct 13 06:33:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	316334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	524862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	508802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	251042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177711	47.74	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.48%		
35) Dibromofluoromethane	7.914	113	185578	53.18	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.36%		
50) Toluene-d8	10.332	98	714099	53.53	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	107.06%		
62) 4-Bromofluorobenzene	12.620	95	240298	53.90	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.80%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	166249	43.09	ug/l	99
3) Chloromethane	2.209	50	205219	42.84	ug/l	97
4) Vinyl Chloride	2.350	62	234773	44.23	ug/l	100
5) Bromomethane	2.762	94	154764	47.86	ug/l	96
6) Chloroethane	2.920	64	140105	41.33	ug/l	95
7) Trichlorofluoromethane	3.267	101	316360	45.98	ug/l	98
8) Diethyl Ether	3.709	74	79606	44.47	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	191298	45.88	ug/l	98
10) Methyl Iodide	4.303	142	176784	41.60	ug/l	97
11) Tert butyl alcohol	5.214	59	37552	203.62	ug/l #	85
12) 1,1-Dichloroethene	4.067	96	165831	44.67	ug/l	92
13) Acrolein	3.920	56	46635	263.38	ug/l	99
14) Allyl chloride	4.709	41	221408	42.85	ug/l	98
15) Acrylonitrile	5.414	53	188866	243.20	ug/l	98
16) Acetone	4.150	43	185734	293.80	ug/l	97
17) Carbon Disulfide	4.409	76	591358	43.63	ug/l	99
18) Methyl Acetate	4.714	43	112013	45.92	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	360367	48.73	ug/l	97
20) Methylene Chloride	4.956	84	218113	46.17	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	208205	47.68	ug/l	96
22) Diisopropyl ether	6.361	45	514513	48.47	ug/l	98
23) Vinyl Acetate	6.303	43	1188128	246.18	ug/l	98
24) 1,1-Dichloroethane	6.261	63	353280	45.18	ug/l	99
25) 2-Butanone	7.208	43	215006	259.76	ug/l	97
26) 2,2-Dichloropropane	7.203	77	304185	47.01	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	220386	48.03	ug/l	97
28) Bromochloromethane	7.544	49	136475	50.13	ug/l	92
29) Tetrahydrofuran	7.561	42	131636	246.74	ug/l	99
30) Chloroform	7.708	83	380534	46.79	ug/l	98
31) Cyclohexane	7.985	56	302231	43.84	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	325653	46.48	ug/l	99
36) 1,1-Dichloropropene	8.108	75	286120	51.33	ug/l	98
37) Ethyl Acetate	7.291	43	95812	51.74	ug/l	99
38) Carbon Tetrachloride	8.091	117	302793	51.90	ug/l	98
39) Methylcyclohexane	9.350	83	326476	50.93	ug/l	99
40) Benzene	8.350	78	814604	49.58	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070671.D
 Acq On : 12 Oct 2021 11:06
 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
 10/15/2021 1:18:35 AM

Quant Time: Oct 13 06:33:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	50717m	53.10	ug/l	
42) 1,2-Dichloroethane	8.420	62	215461	50.71	ug/l	99
43) Isopropyl Acetate	8.450	43	174302	51.36	ug/l	98
44) Trichloroethene	9.108	130	200211	49.42	ug/l	99
45) 1,2-Dichloropropane	9.379	63	211794	50.51	ug/l	98
46) Dibromomethane	9.467	93	109686	50.97	ug/l	96
47) Bromodichloromethane	9.655	83	281870	50.75	ug/l	98
48) Methyl methacrylate	9.450	41	86291	54.25	ug/l	97
49) 1,4-Dioxane	9.461	88	24654	1127.41	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	479091	273.65	ug/l	98
52) Toluene	10.397	92	538550	53.36	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	249771	51.39	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	294014	50.24	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	154910	52.84	ug/l	98
56) Ethyl methacrylate	10.655	69	170424	48.71	ug/l	98
57) 1,3-Dichloropropane	10.938	76	263981	52.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	409539	289.93	ug/l	98
59) 2-Hexanone	10.973	43	350167	276.32	ug/l	99
60) Dibromochloromethane	11.132	129	183962	52.09	ug/l	99
61) 1,2-Dibromoethane	11.238	107	141961	52.00	ug/l	97
64) Tetrachloroethene	10.867	164	163721	50.18	ug/l	97
65) Chlorobenzene	11.661	112	535707	49.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	200753	49.74	ug/l	97
67) Ethyl Benzene	11.738	91	978164	52.25	ug/l	99
68) m/p-Xylenes	11.844	106	783373	106.25	ug/l	100
69) o-Xylene	12.173	106	349845	53.35	ug/l	100
70) Styrene	12.185	104	635179	54.97	ug/l	99
71) Bromoform	12.349	173	101443	53.54	ug/l #	98
73) Isopropylbenzene	12.473	105	917447	50.13	ug/l	99
74) N-amyl acetate	12.279	43	170267	49.37	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	172580	48.23	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	127498m	56.11	ug/l	
77) Bromobenzene	12.749	156	200877	49.09	ug/l	98
78) n-propylbenzene	12.808	91	1191409	51.44	ug/l	100
79) 2-Chlorotoluene	12.896	91	675070	49.69	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	811323	51.98	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	49869	48.73	ug/l	99
82) 4-Chlorotoluene	12.996	91	717632	50.52	ug/l	100
83) tert-Butylbenzene	13.208	119	659092	51.09	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	812193	52.30	ug/l	100
85) sec-Butylbenzene	13.390	105	1020948	51.05	ug/l	99
86) p-Isopropyltoluene	13.502	119	848509	51.95	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	424953	49.46	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	415028	48.72	ug/l	99
89) n-Butylbenzene	13.832	91	795320	51.00	ug/l	100
90) Hexachloroethane	14.096	117	166043	47.02	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	366042	49.96	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	23977	46.41	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	201907	51.19	ug/l	98
94) Hexachlorobutadiene	15.255	225	127538	51.17	ug/l	99
95) Naphthalene	15.384	128	364136	45.95	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	177920	51.21	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070671.D
 Acq On : 12 Oct 2021 11:06
 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
 10/15/2021 1:18:35 AM

Quant Time: Oct 13 06:33:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

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

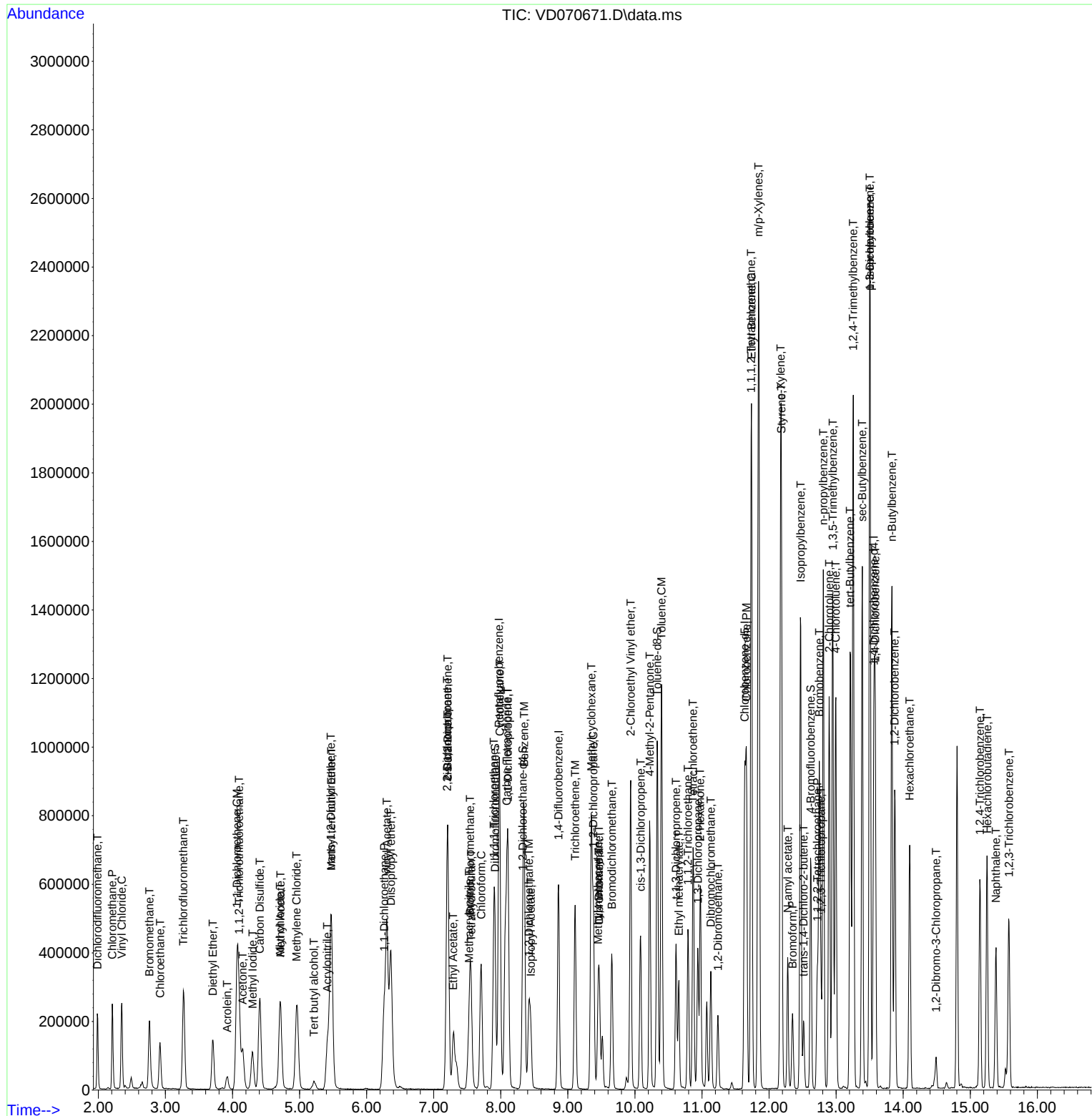
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070671.D
 Acq On : 12 Oct 2021 11:06
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

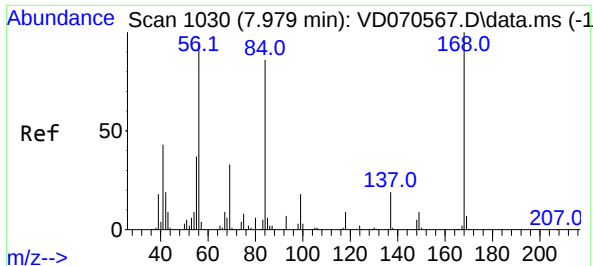
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/15/2021 1:18:35 AM

Quant Time: Oct 13 06:33:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration





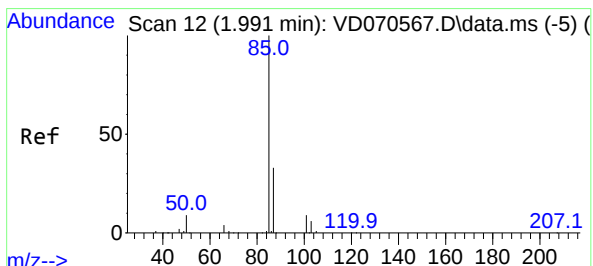
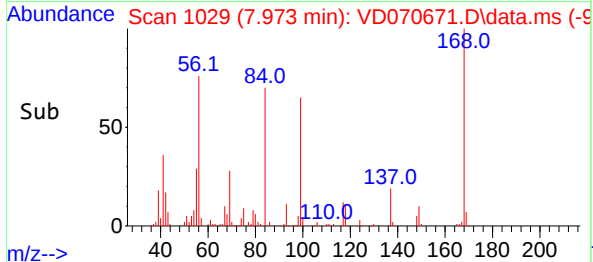
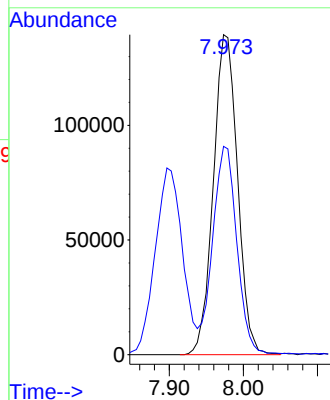
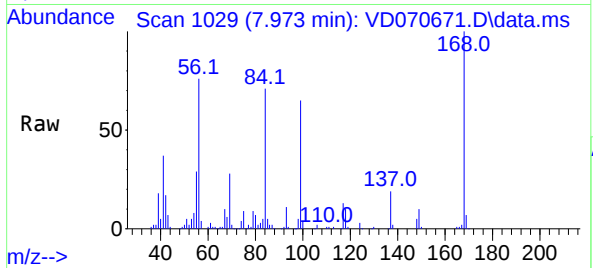
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 168 Resp: 316334
Ion Ratio Lower Upper
168 100
99 64.7 51.4 77.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

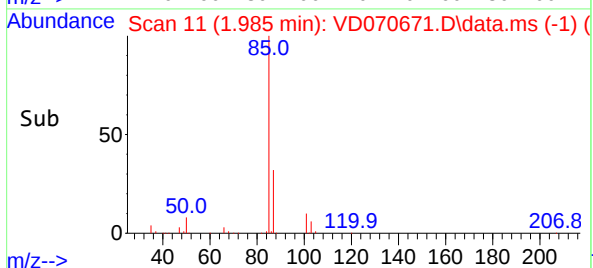
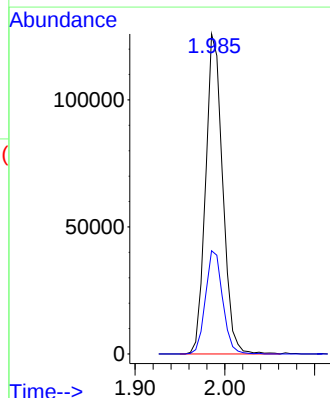
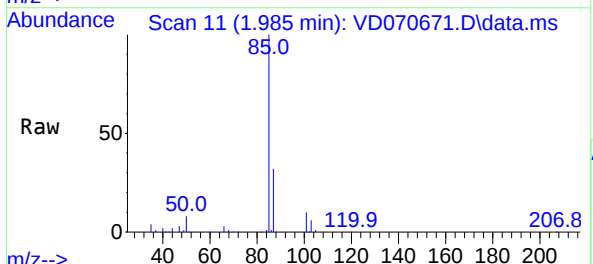
Manual Integrations
APPROVED

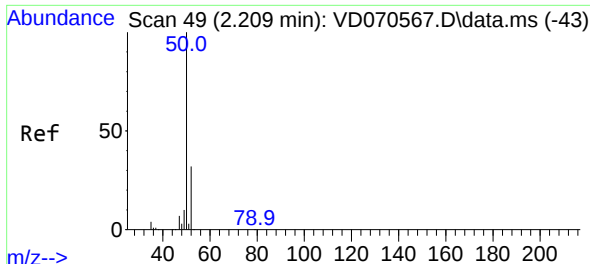
MMDadoda
10/15/2021 1:18:35 AM



#2
Dichlorodifluoromethane
Concen: 43.09 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

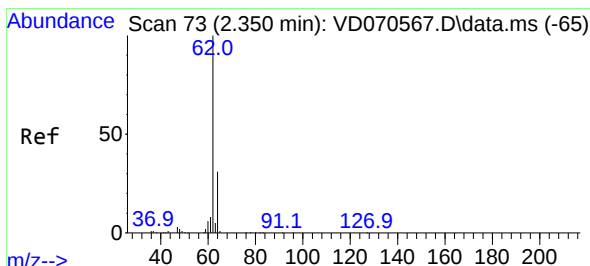
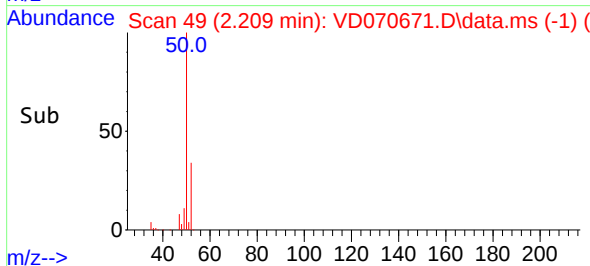
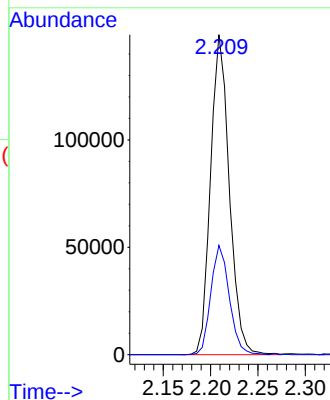
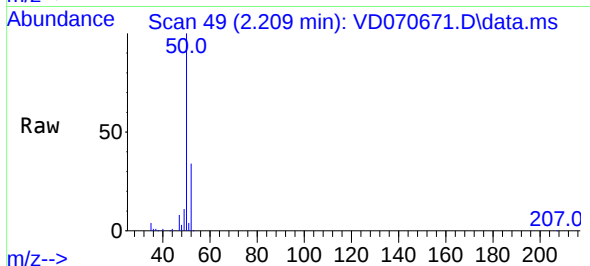
Tgt Ion: 85 Resp: 166249
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.2





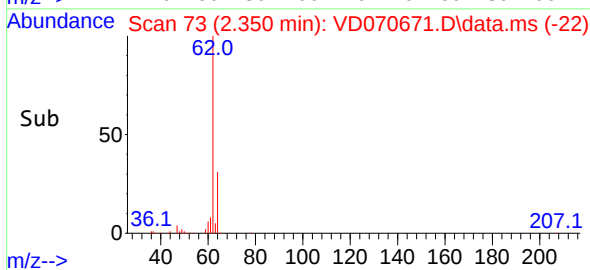
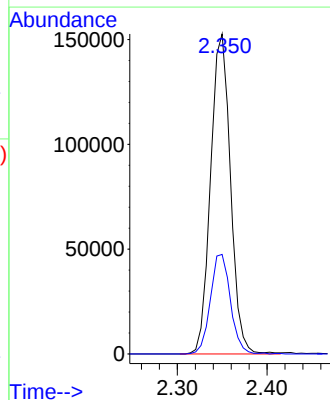
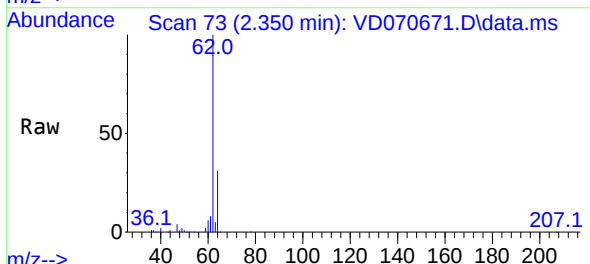
#3
Chloromethane
Concen: 42.84 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 50 Resp: 205219
Ion Ratio Lower Upper
50 100
52 34.2 26.0 39.0



#4
Vinyl Chloride
Concen: 44.23 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

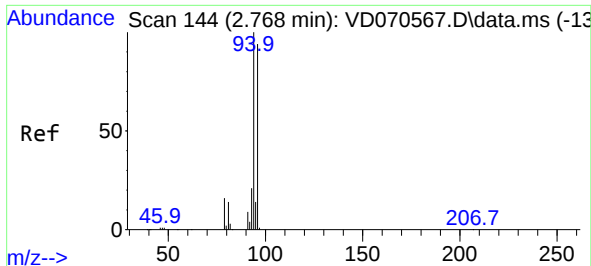
Tgt Ion: 62 Resp: 234773
Ion Ratio Lower Upper
62 100
64 31.1 24.9 37.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/15/2021 1:18:35 AM



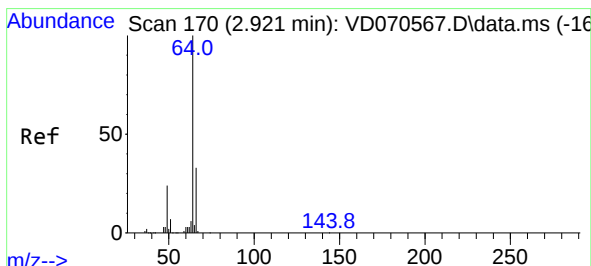
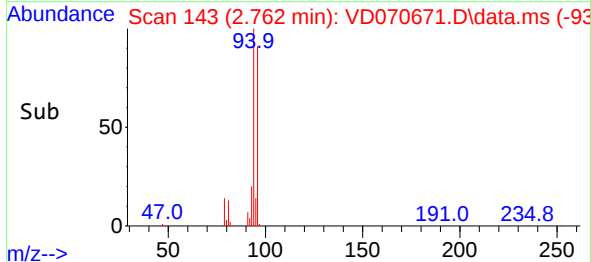
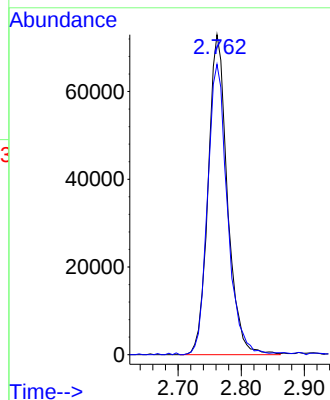
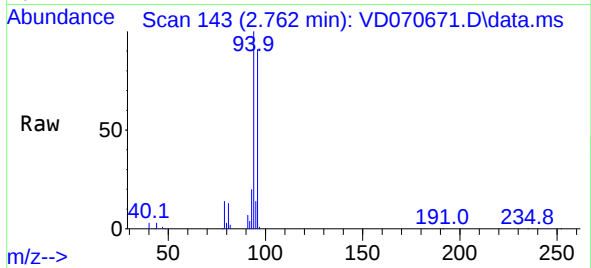
#5
Bromomethane
Concen: 47.86 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 94 Resp: 154764
Ion Ratio Lower Upper
94 100
96 90.7 75.5 113.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

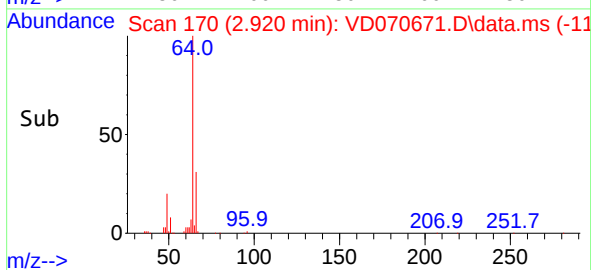
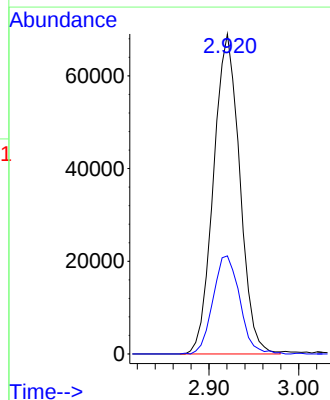
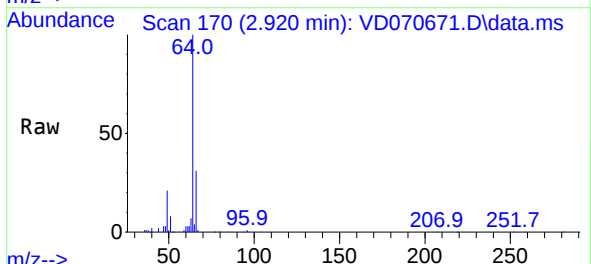
Manual Integrations
APPROVED

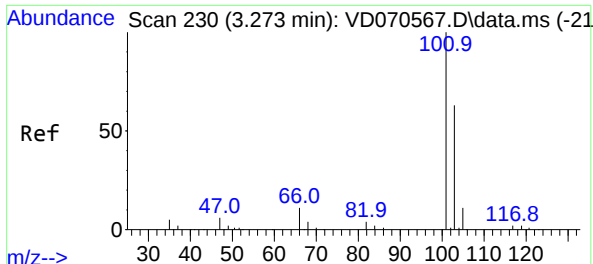
MMDadoda
10/15/2021 1:18:35 AM



#6
Chloroethane
Concen: 41.33 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 64 Resp: 140105
Ion Ratio Lower Upper
64 100
66 30.6 26.6 40.0





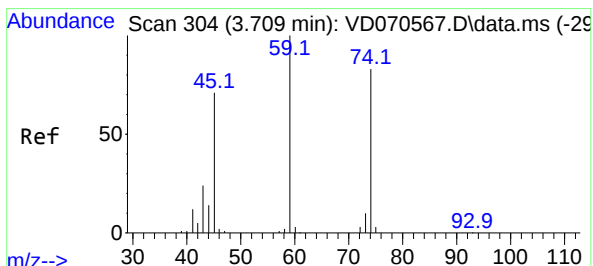
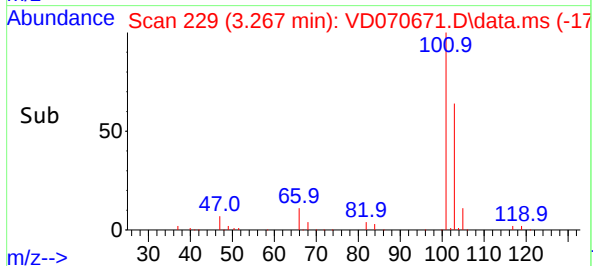
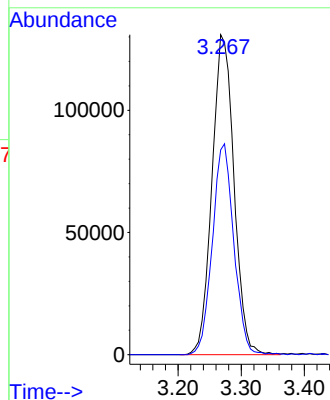
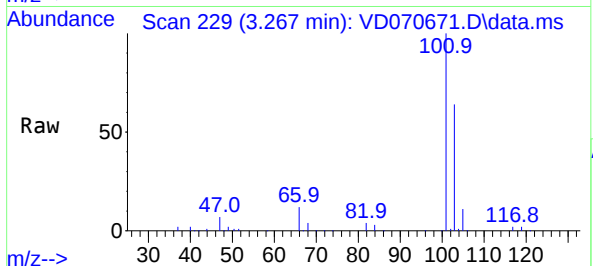
#7
Trichlorofluoromethane
Concen: 45.98 ug/l
RT: 3.267 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion:101 Resp: 316360
Ion Ratio Lower Upper
101 100
103 64.0 50.1 75.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

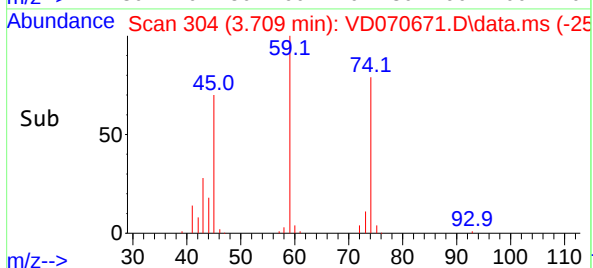
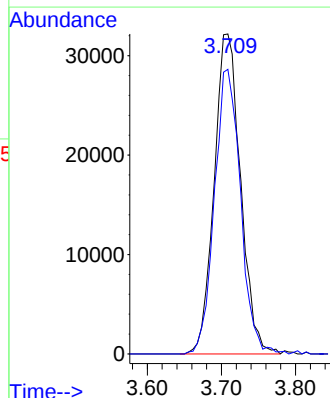
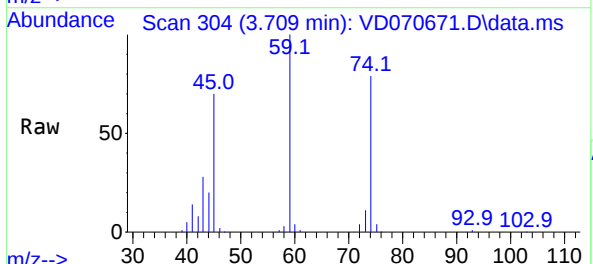
Manual Integrations
APPROVED

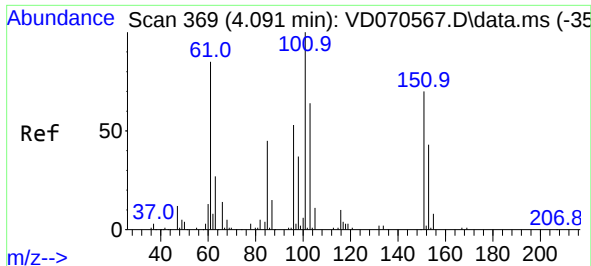
MMDadoda
10/15/2021 1:18:35 AM



#8
Diethyl Ether
Concen: 44.47 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 74 Resp: 79606
Ion Ratio Lower Upper
74 100
45 87.8 45.1 135.5





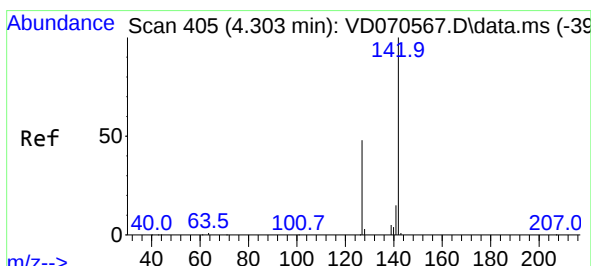
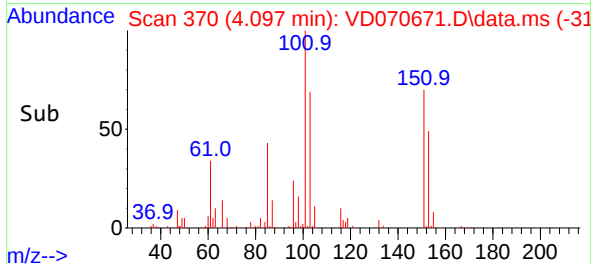
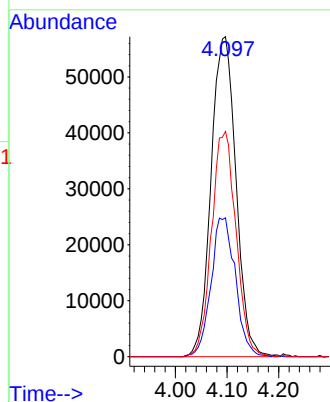
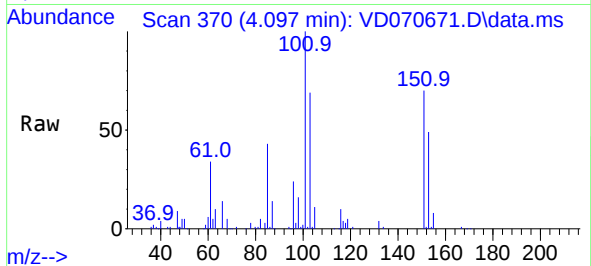
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.88 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion:	101	Resp:	191298
Ion	Ratio	Lower	Upper
101	100		
85	42.5	35.5	53.3
151	69.3	55.8	83.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

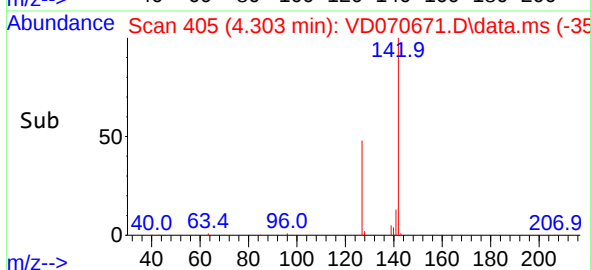
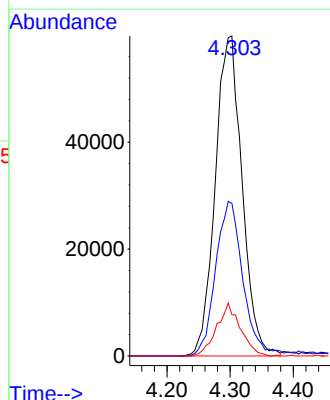
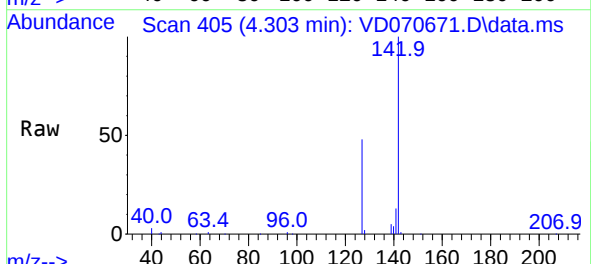
Manual Integrations
APPROVED

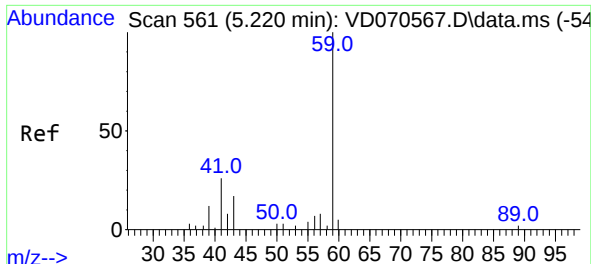
MMDadoda
10/15/2021 1:18:35 AM



#10
Methyl Iodide
Concen: 41.60 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion:	142	Resp:	176784
Ion	Ratio	Lower	Upper
142	100		
127	49.3	37.5	56.3
141	14.5	12.1	18.1





#11

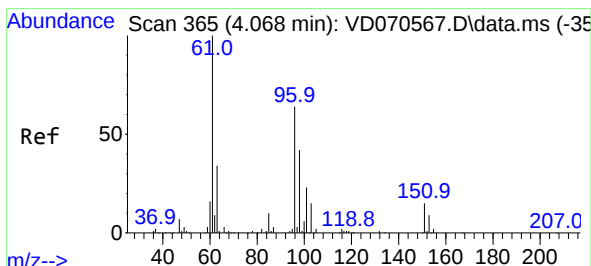
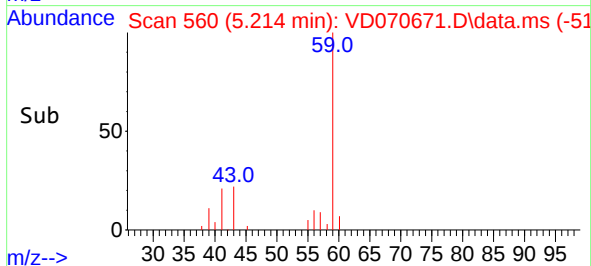
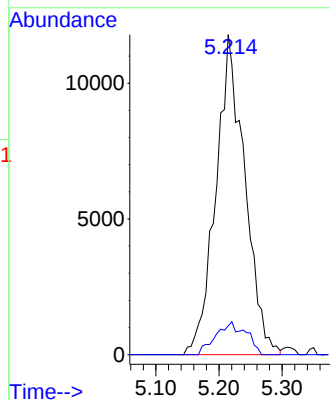
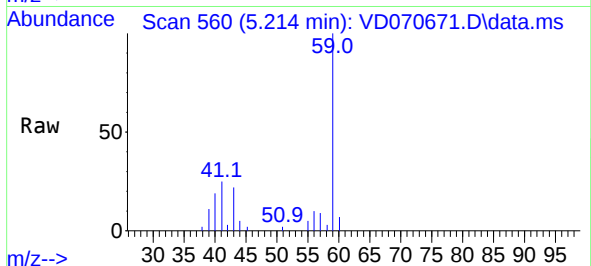
Tert butyl alcohol
Concen: 203.62 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 59 Resp: 37552
Ion Ratio Lower Upper
59 100
57 10.7 4.5 6.7#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

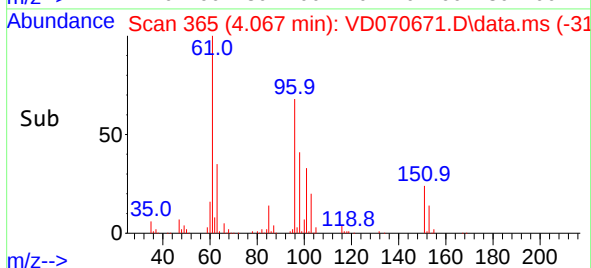
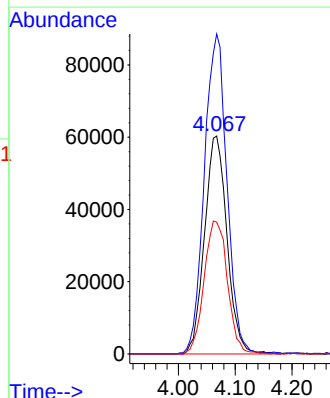
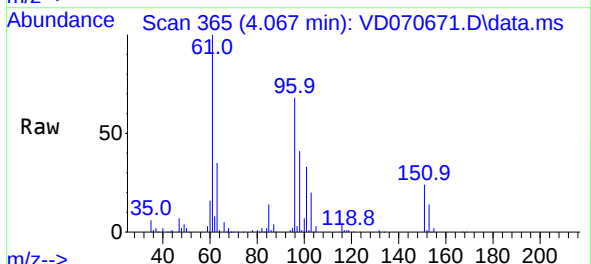
MMDadoda
10/15/2021 1:18:35 AM

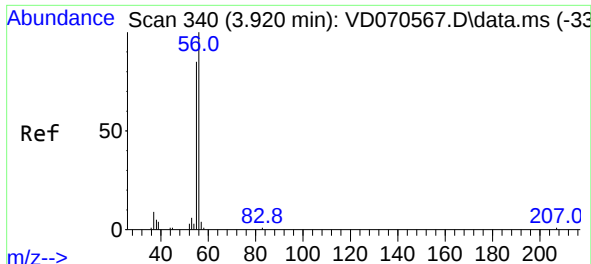


#12

1,1-Dichloroethene
Concen: 44.67 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 96 Resp: 165831
Ion Ratio Lower Upper
96 100
61 146.3 125.9 188.9
98 60.5 52.3 78.5





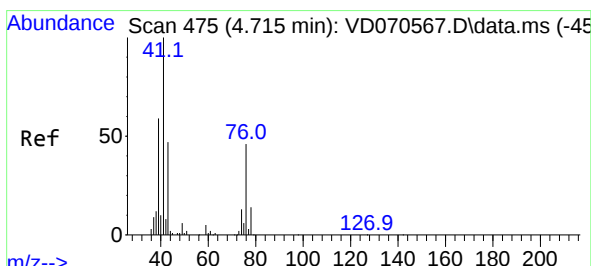
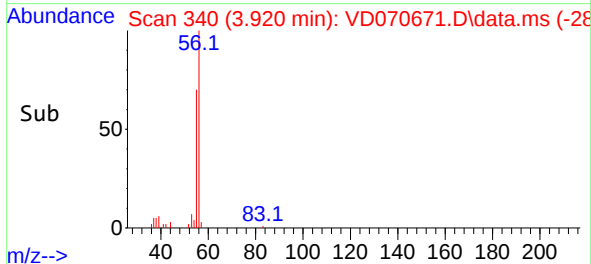
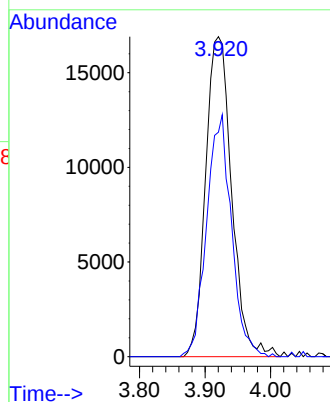
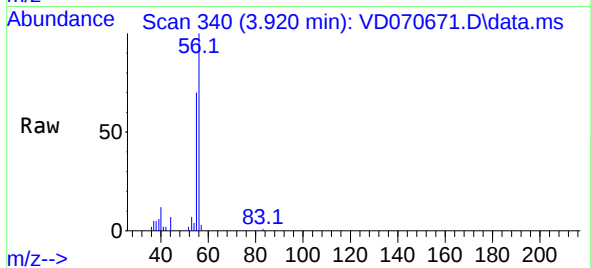
#13
Acrolein
Concen: 263.38 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 56 Resp: 46635
Ion Ratio Lower Upper
56 100
55 72.1 56.8 85.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

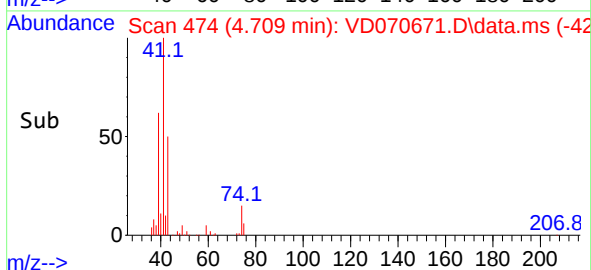
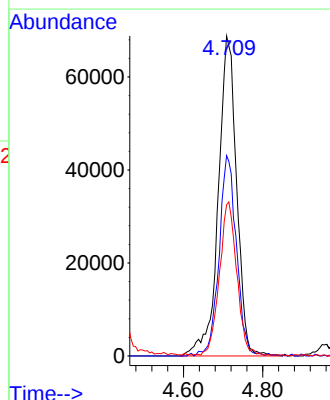
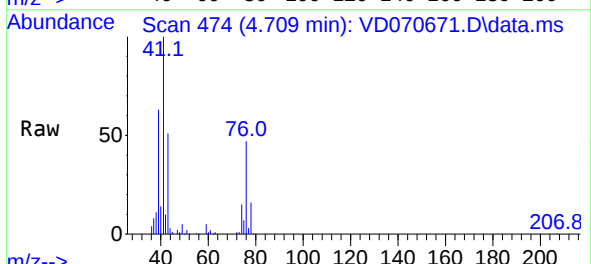
Manual Integrations
APPROVED

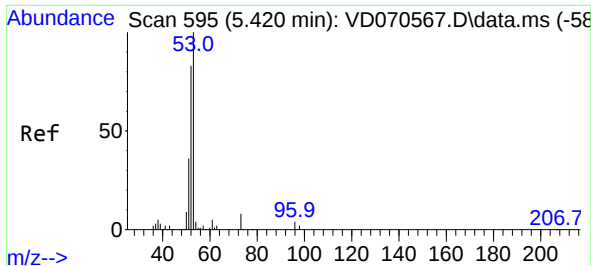
MMDadoda
10/15/2021 1:18:35 AM



#14
Allyl chloride
Concen: 42.85 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

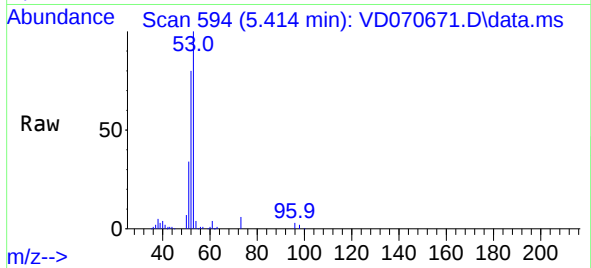
Tgt Ion: 41 Resp: 221408
Ion Ratio Lower Upper
41 100
39 59.1 46.4 69.6
76 45.2 34.6 51.8





#15
Acrylonitrile
Concen: 243.20 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

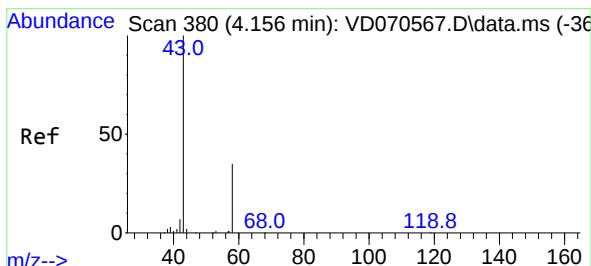
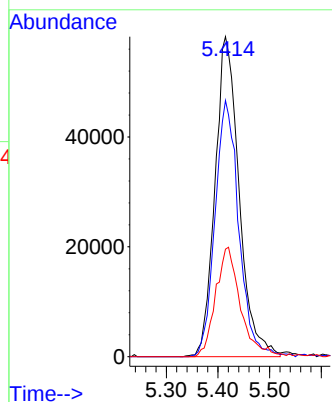
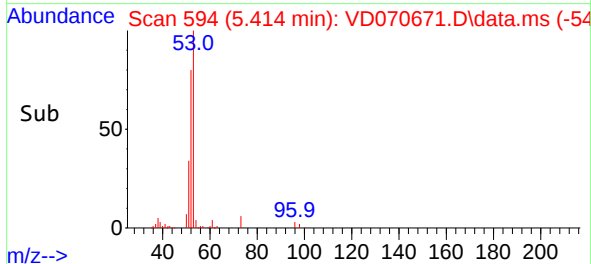
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



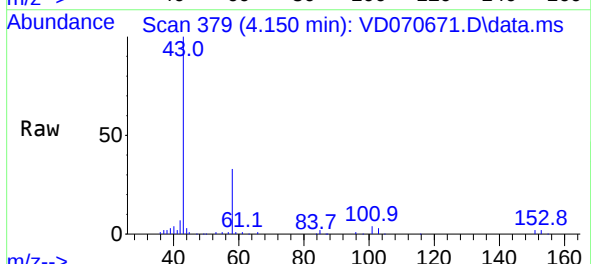
Tgt Ion: 53 Resp: 188866
Ion Ratio Lower Upper
53 100
52 78.7 64.6 97.0
51 35.2 28.7 43.1

Manual Integrations
APPROVED

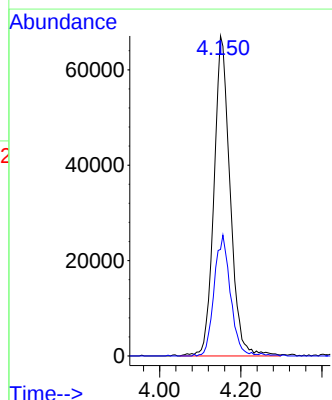
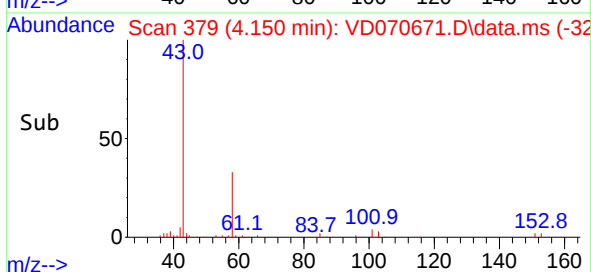
MMDadoda
10/15/2021 1:18:35 AM

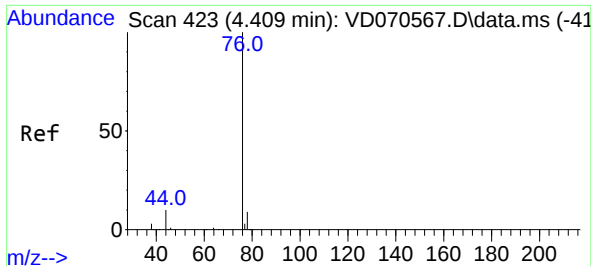


#16
Acetone
Concen: 293.80 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



Tgt Ion: 43 Resp: 185734
Ion Ratio Lower Upper
43 100
58 33.3 28.2 42.2





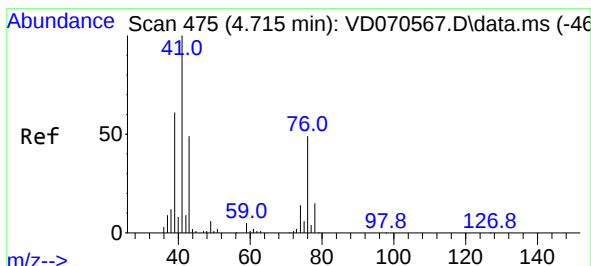
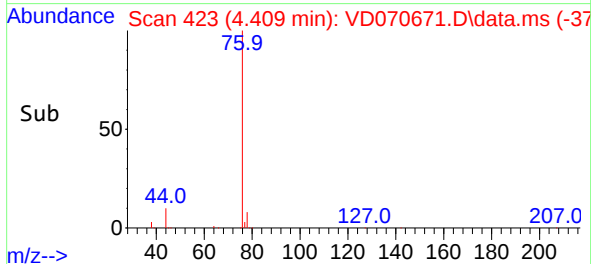
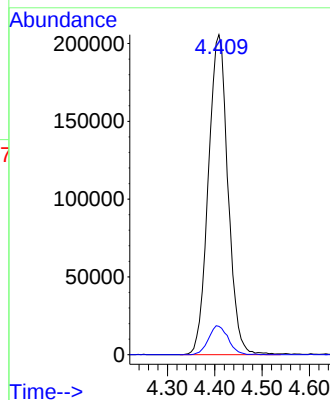
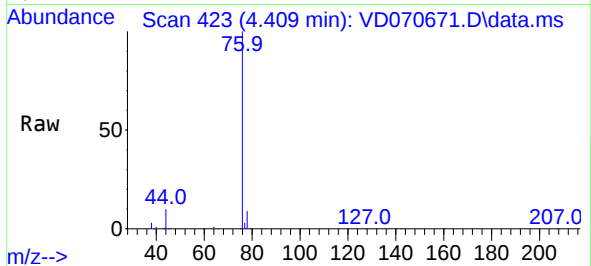
#17
Carbon Disulfide
Concen: 43.63 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 76 Resp: 591358
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

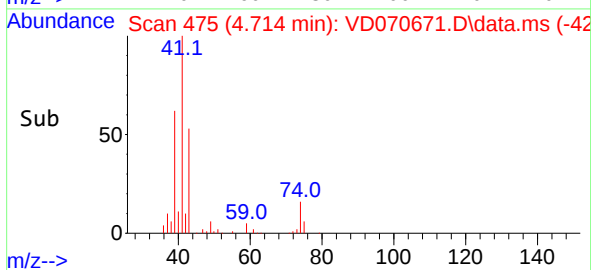
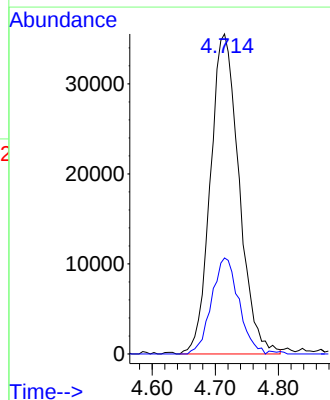
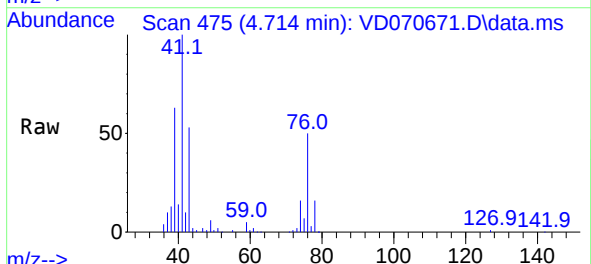
Manual Integrations
APPROVED

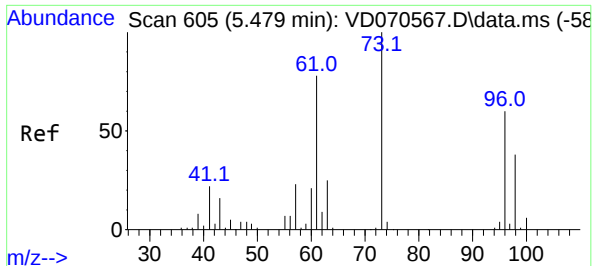
MMDadoda
10/15/2021 1:18:35 AM



#18
Methyl Acetate
Concen: 45.92 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 43 Resp: 112013
Ion Ratio Lower Upper
43 100
74 28.7 22.6 33.8





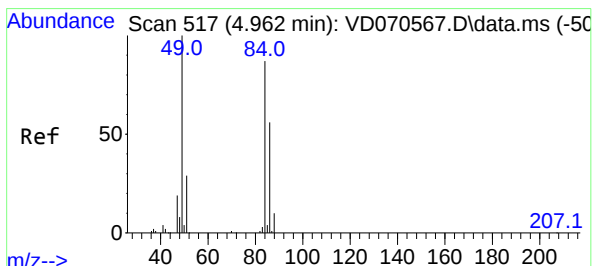
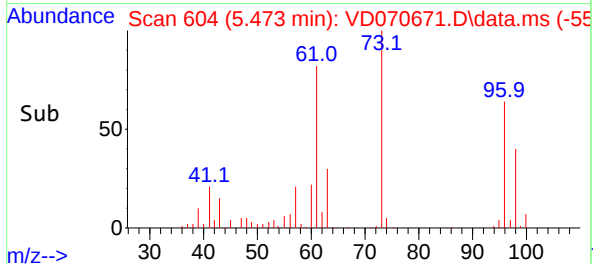
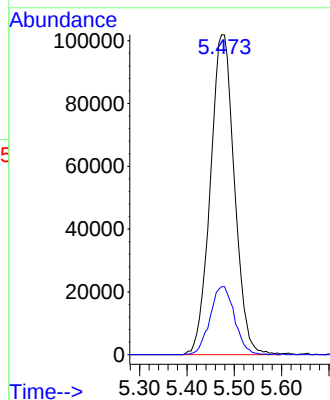
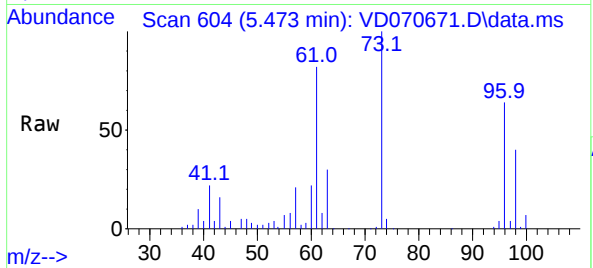
#19
Methyl tert-butyl Ether
Concen: 48.73 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 73 Resp: 360367
Ion Ratio Lower Upper
73 100
57 21.2 18.1 27.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

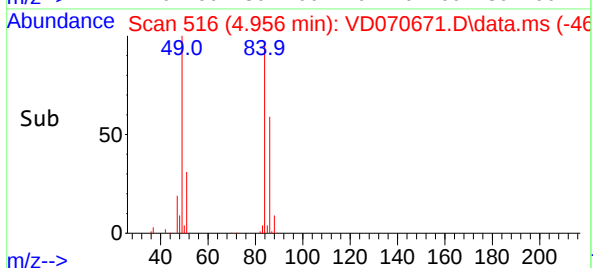
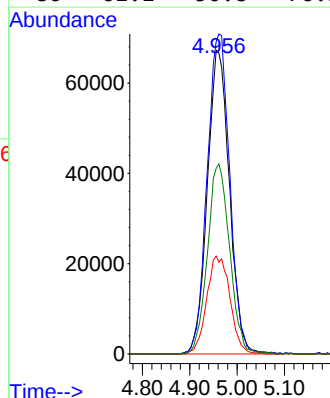
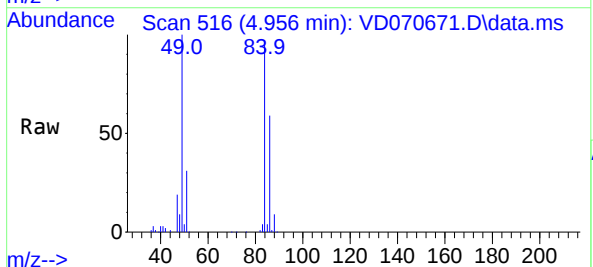
Manual Integrations
APPROVED

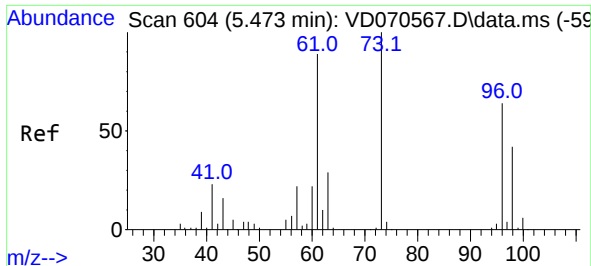
MMDadoda
10/15/2021 1:18:35 AM



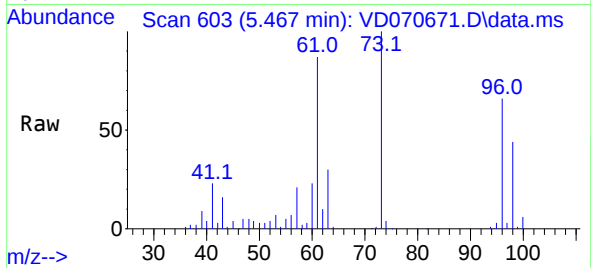
#20
Methylene Chloride
Concen: 46.17 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 84 Resp: 218113
Ion Ratio Lower Upper
84 100
49 102.9 91.4 137.2
51 32.2 26.7 40.1
86 61.1 50.8 76.2



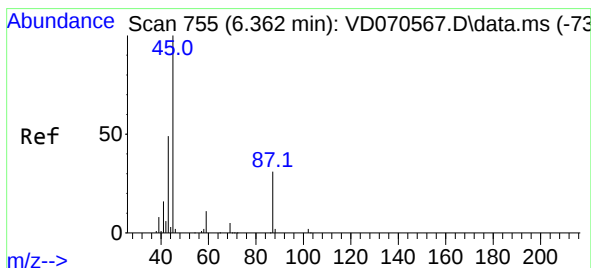
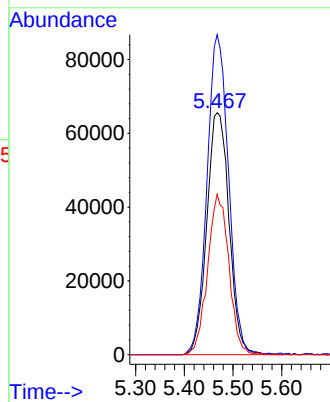
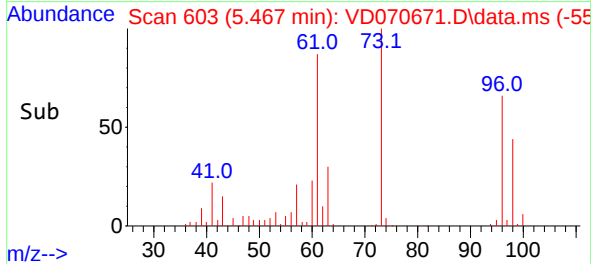


#21
trans-1,2-Dichloroethene
Concen: 47.68 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

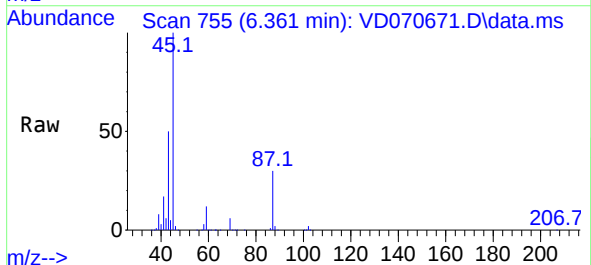


Tgt Ion: 96 Resp: 208205

Ion	Ratio	Lower	Upper
96	100		
61	132.2	111.1	166.7
98	66.3	51.9	77.9

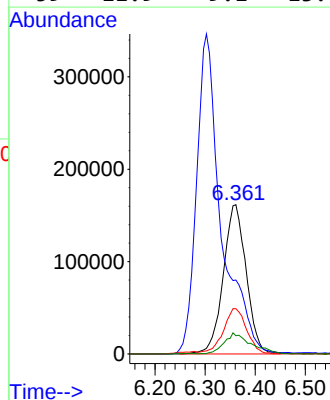
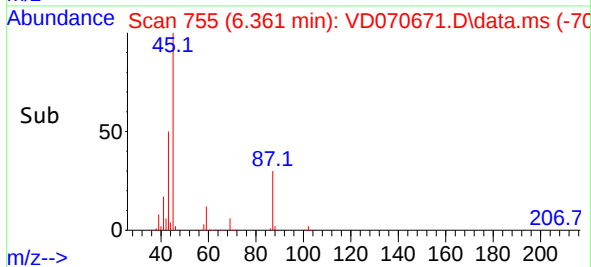


#22
Diisopropyl ether
Concen: 48.47 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



Tgt Ion: 45 Resp: 514513

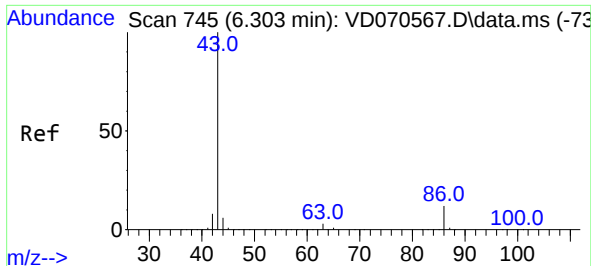
Ion	Ratio	Lower	Upper
45	100		
43	48.5	40.6	61.0
87	30.3	24.6	37.0
59	11.9	9.1	13.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

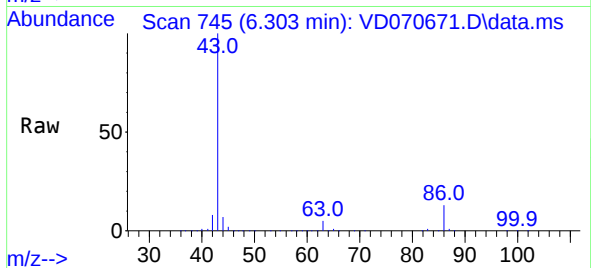
Manual Integrations
APPROVED

MMDadoda
10/15/2021 1:18:35 AM



#23
 Vinyl Acetate
 Concen: 246.18 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070671.D
 Acq: 12 Oct 2021 11:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

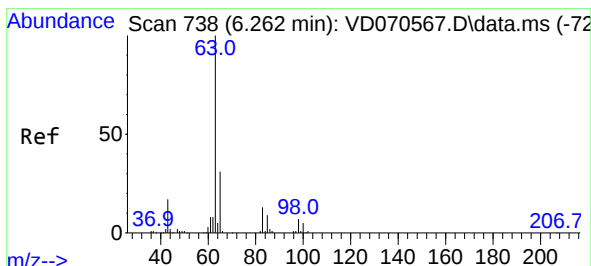
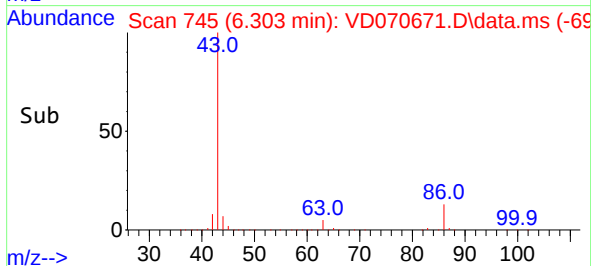
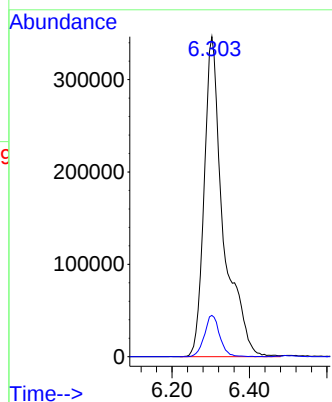


Tgt Ion: 43 Resp: 1188128

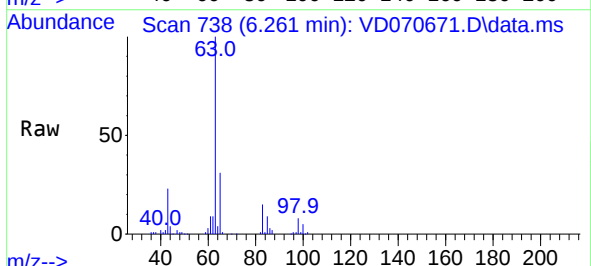
Ion	Ratio	Lower	Upper
43	100		
86	12.9	9.8	14.6

Manual Integrations
 APPROVED

MMDadoda
 10/15/2021 1:18:35 AM

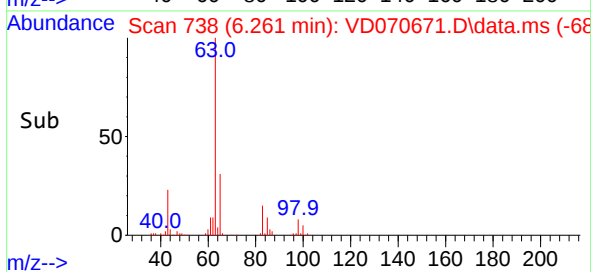
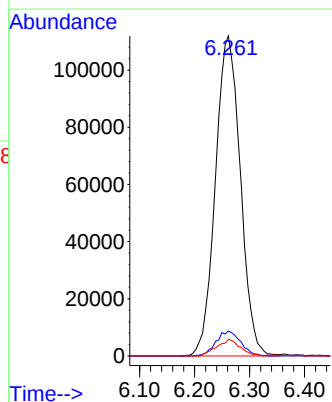


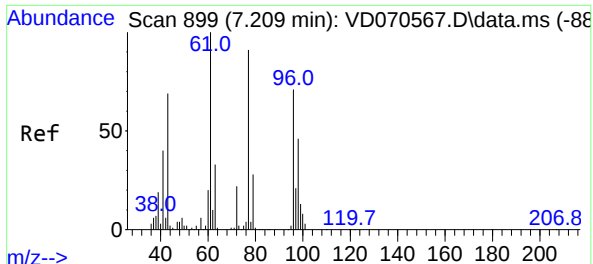
#24
 1,1-Dichloroethane
 Concen: 45.18 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD070671.D
 Acq: 12 Oct 2021 11:06



Tgt Ion: 63 Resp: 353280

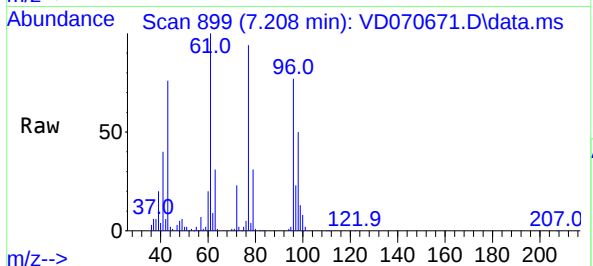
Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.6	10.9
100	5.2	2.4	7.2





#25
2-Butanone
Concen: 259.76 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

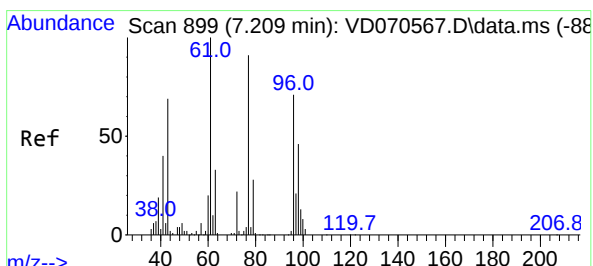
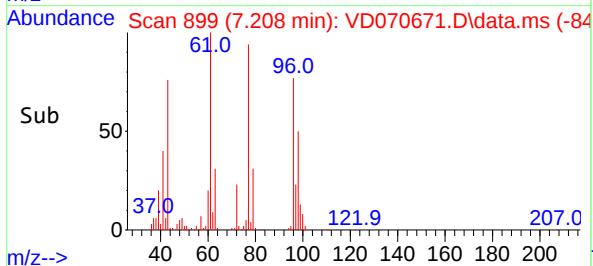
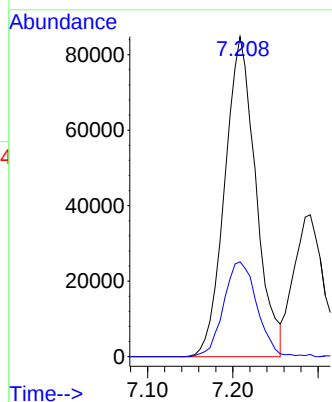
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



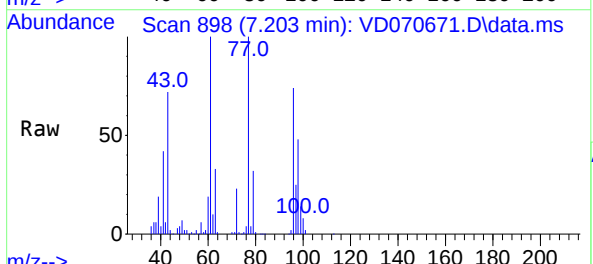
Tgt Ion: 43 Resp: 215006
Ion Ratio Lower Upper
43 100
72 29.7 25.2 37.8

Manual Integrations
APPROVED

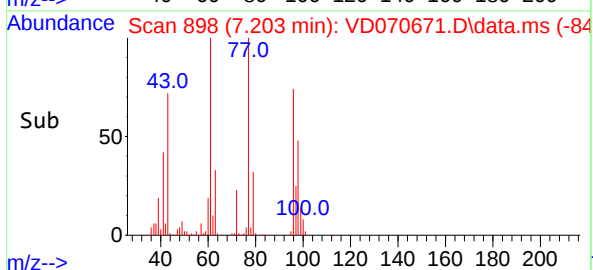
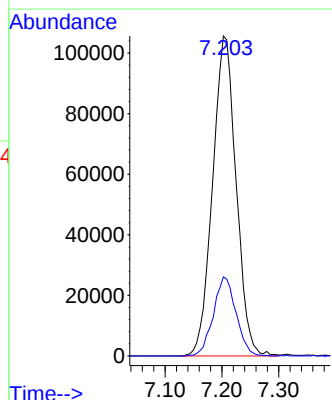
MMDadoda
10/15/2021 1:18:35 AM

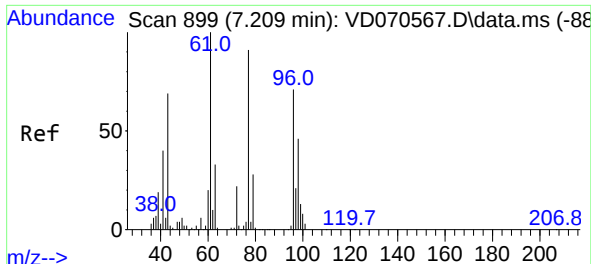


#26
2,2-Dichloropropane
Concen: 47.01 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



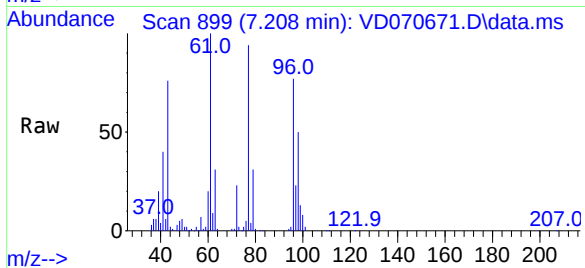
Tgt Ion: 77 Resp: 304185
Ion Ratio Lower Upper
77 100
97 23.8 11.9 35.7





#27
cis-1,2-Dichloroethene
Concen: 48.03 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

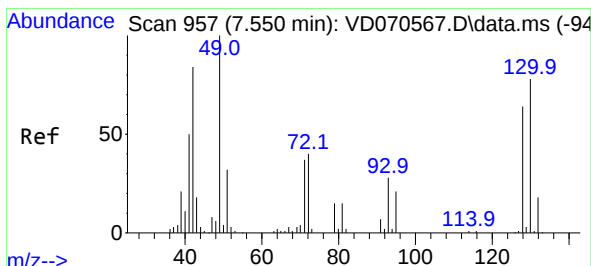
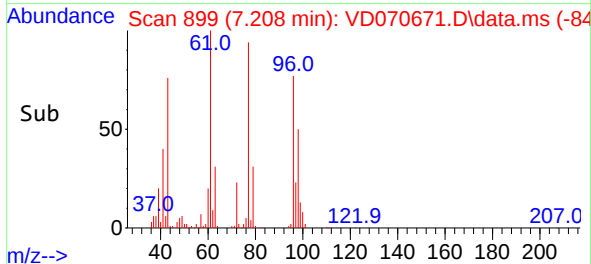
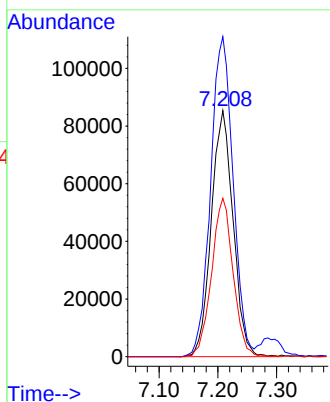
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 220386
Ion Ratio Lower Upper
96 100
61 133.9 0.0 278.2
98 63.4 0.0 128.6

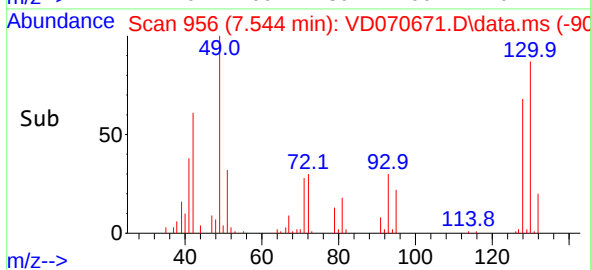
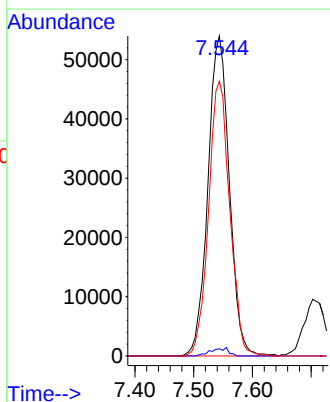
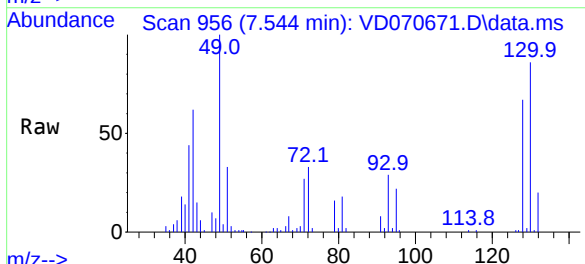
Manual Integrations
APPROVED

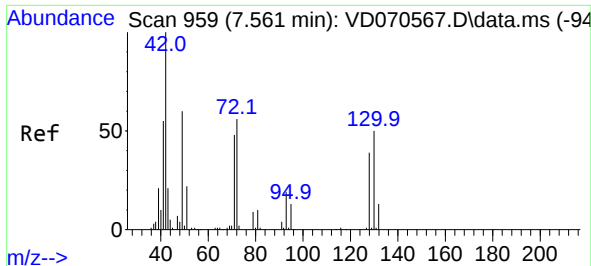
MMDadoda
10/15/2021 1:18:35 AM



#28
Bromochloromethane
Concen: 50.13 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 49 Resp: 136475
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 85.0 62.4 93.6





#29
Tetrahydrofuran
Concen: 246.74 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

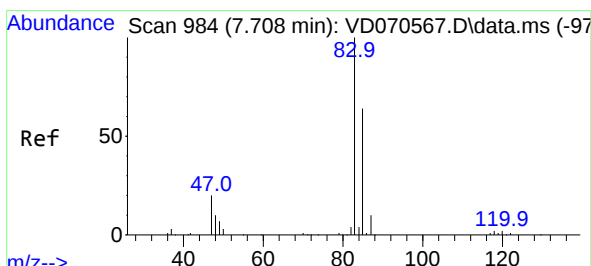
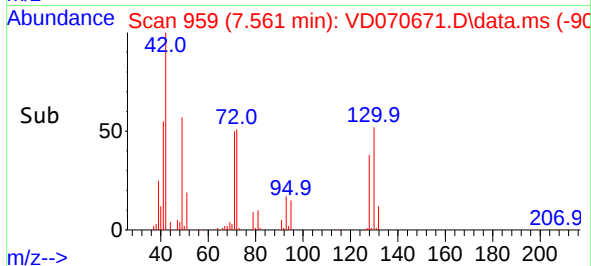
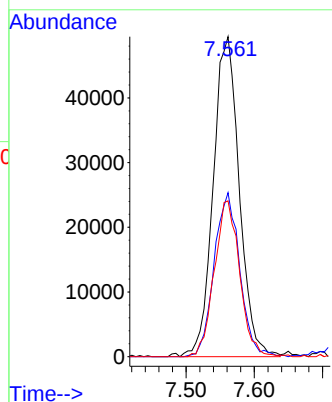
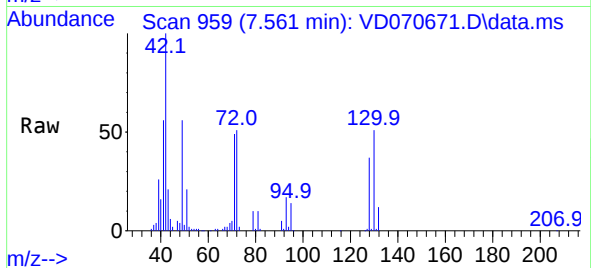
Tgt Ion: 42 Resp: 131636

Ion	Ratio	Lower	Upper
42	100		
72	50.4	40.2	60.4
71	47.5	37.2	55.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

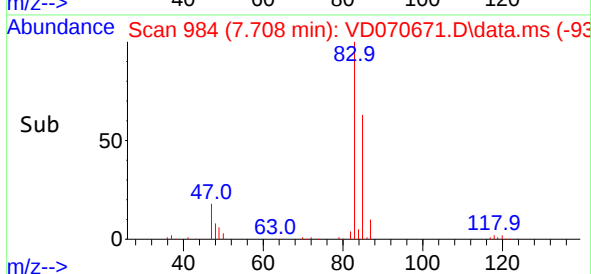
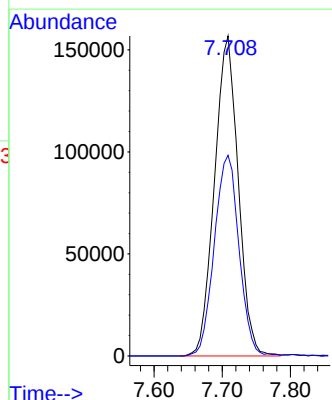
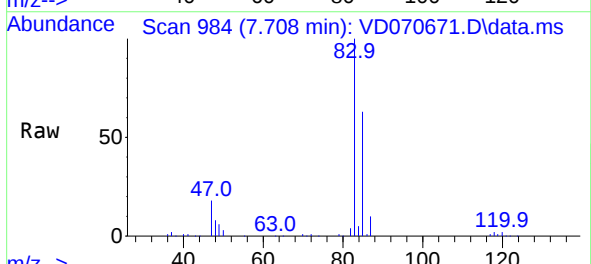
MMDadoda
10/15/2021 1:18:35 AM

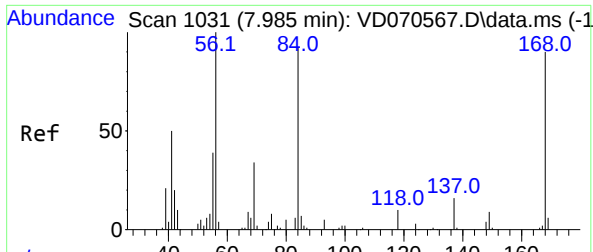


#30
Chloroform
Concen: 46.79 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 83 Resp: 380534

Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.2	76.8





#31

Cyclohexane

Concen: 43.84 ug/l

RT: 7.985 min Scan# 1031

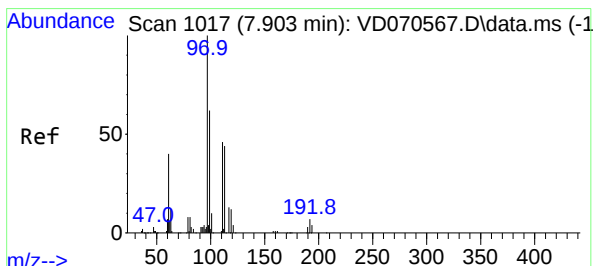
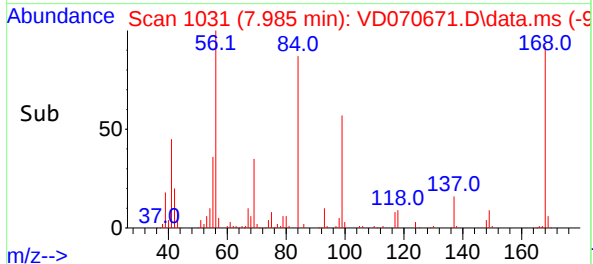
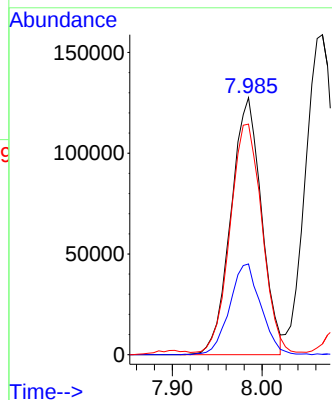
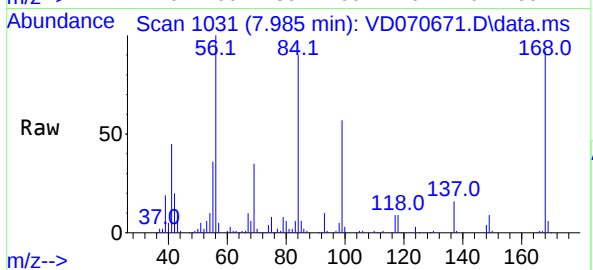
Delta R.T. -0.000 min

Lab File: VD070671.D

Acq: 12 Oct 2021 11:06

Tgt Ion: 56 Resp: 302231

Ion	Ratio	Lower	Upper
56	100		
69	35.3	27.4	41.2
84	88.5	73.6	110.4



#32

1,1,1-Trichloroethane

Concen: 46.48 ug/l

RT: 7.897 min Scan# 1016

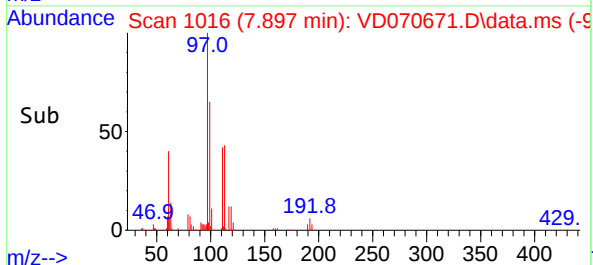
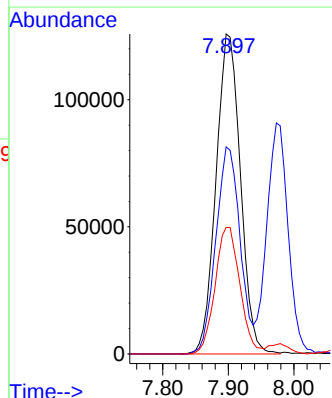
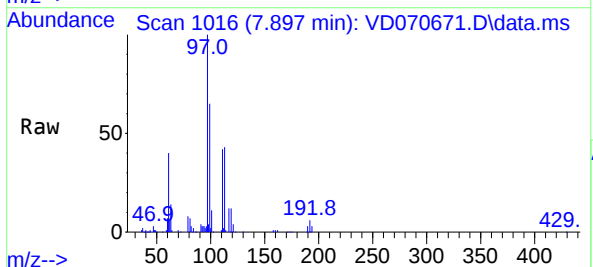
Delta R.T. -0.006 min

Lab File: VD070671.D

Acq: 12 Oct 2021 11:06

Tgt Ion: 97 Resp: 325653

Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.7	76.1
61	40.2	32.5	48.7



Instrument :

MSVOA_D

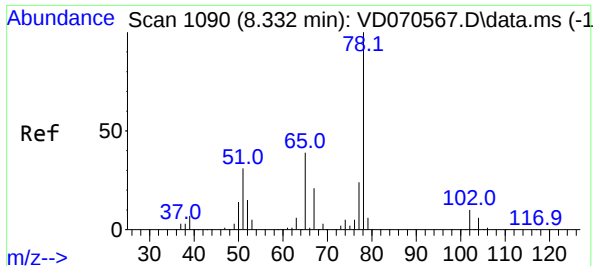
ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

MMDadoda
10/15/2021 1:18:35 AM



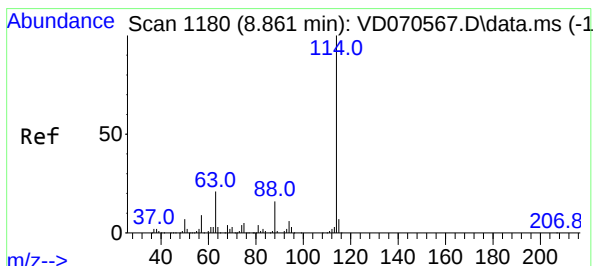
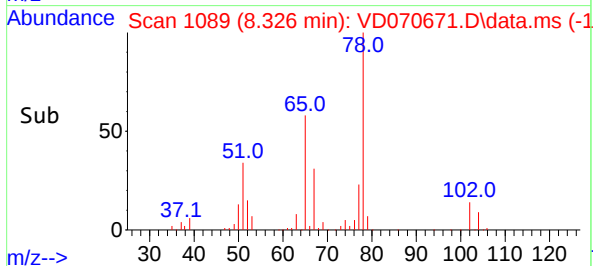
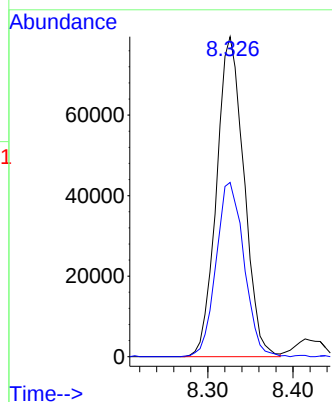
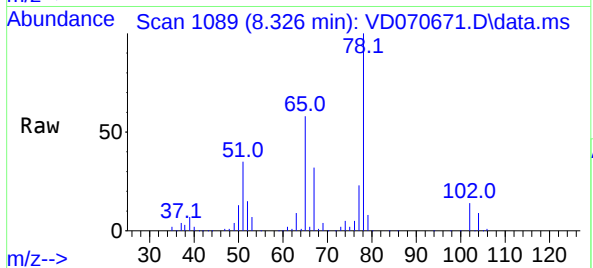
#33
1,2-Dichloroethane-d4
Concen: 47.74 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 65 Resp: 177711
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

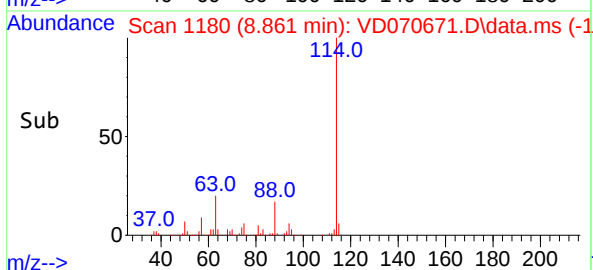
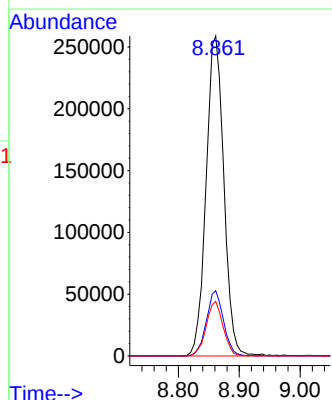
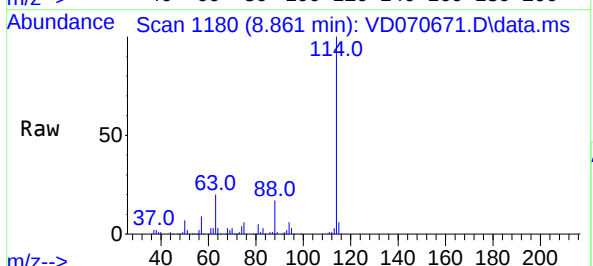
Manual Integrations
APPROVED

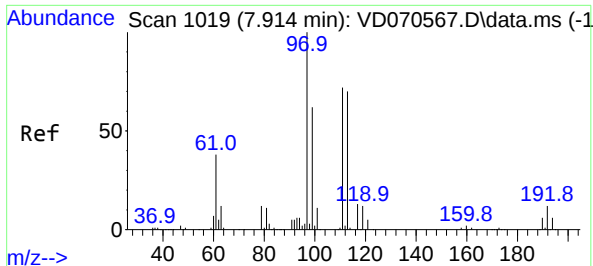
MMDadoda
10/15/2021 1:18:35 AM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 114 Resp: 524862
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.8
88 17.1 0.0 32.6





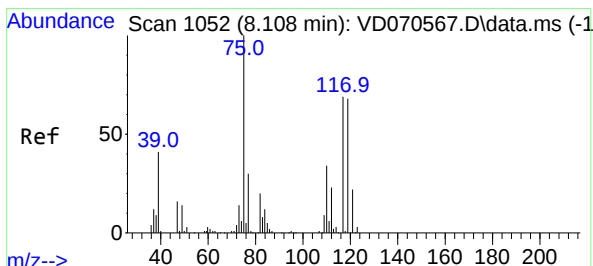
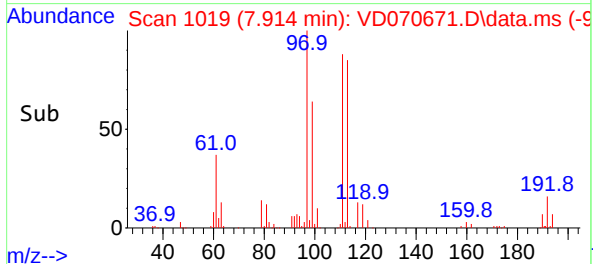
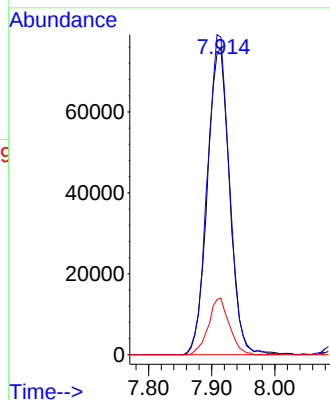
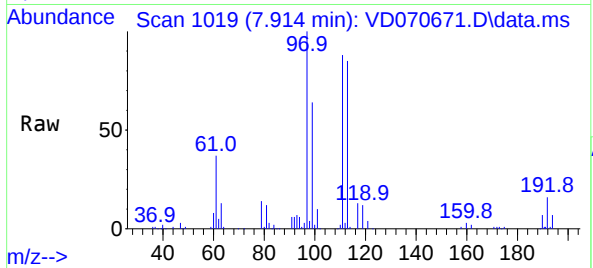
#35
Dibromofluoromethane
Concen: 53.18 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion:113 Resp: 185578
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 17.3 12.7 19.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

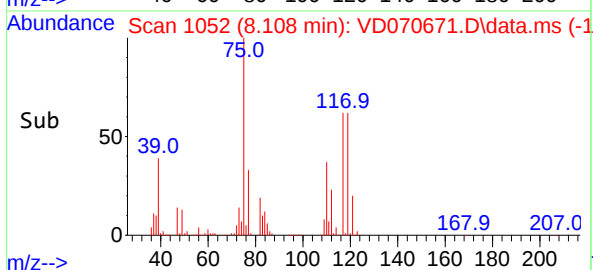
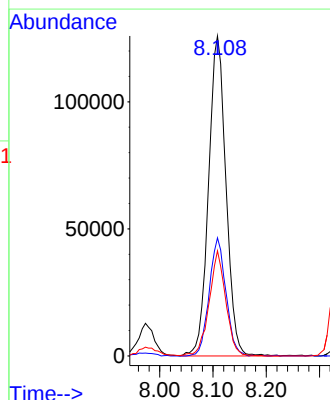
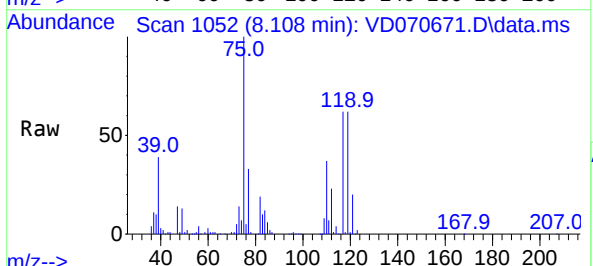
Manual Integrations
APPROVED

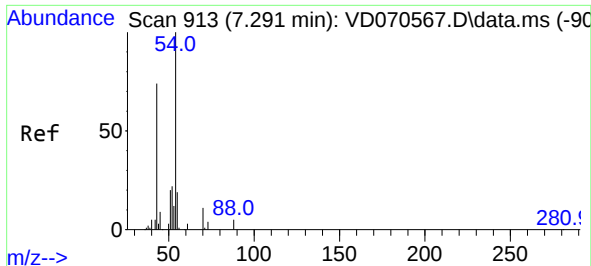
MMDadoda
10/15/2021 1:18:35 AM



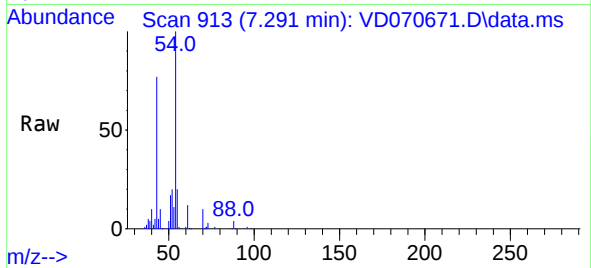
#36
1,1-Dichloropropene
Concen: 51.33 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 75 Resp: 286120
Ion Ratio Lower Upper
75 100
110 35.3 17.2 51.6
77 31.4 24.2 36.4



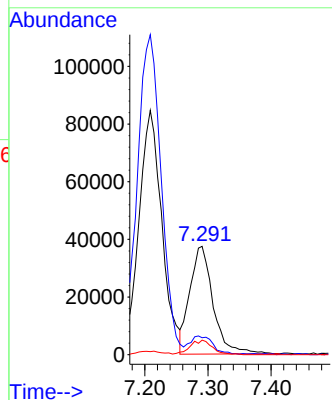


#37
Ethyl Acetate
Concen: 51.74 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



Tgt Ion: 43 Resp: 95812

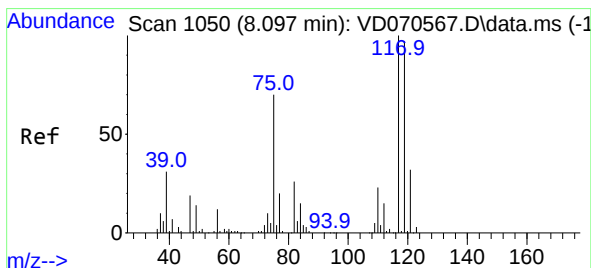
Ion	Ratio	Lower	Upper
43	100		
61	16.6	12.9	19.3
70	13.0	9.9	14.9



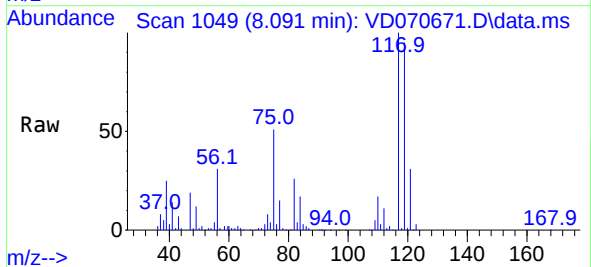
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/15/2021 1:18:35 AM

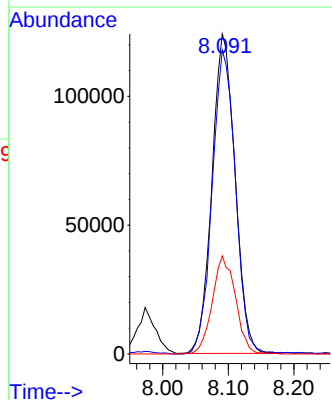
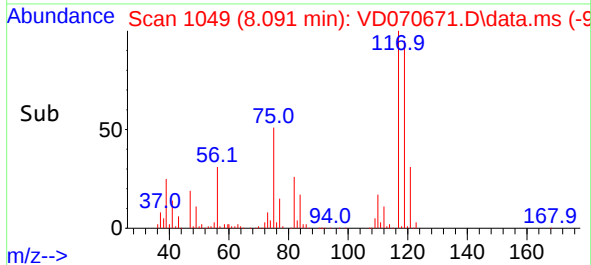


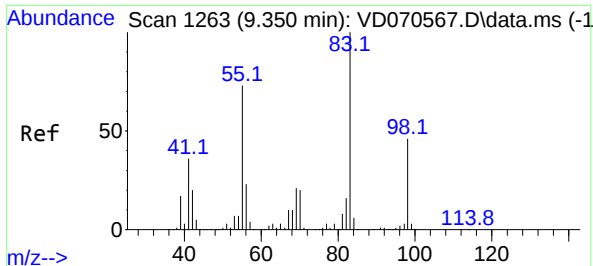
#38
Carbon Tetrachloride
Concen: 51.90 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



Tgt Ion: 117 Resp: 302793

Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
121	30.7	25.4	38.0





#39

Methylcyclohexane

Concen: 50.93 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD070671.D

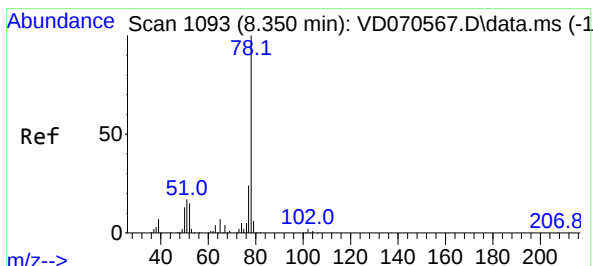
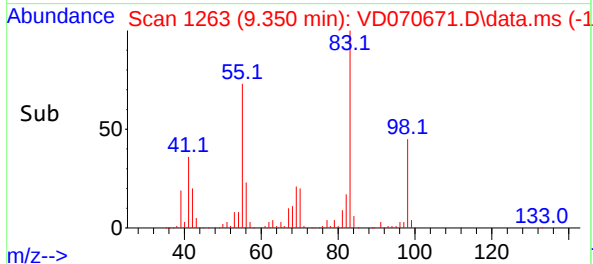
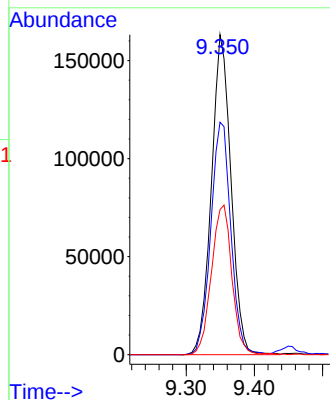
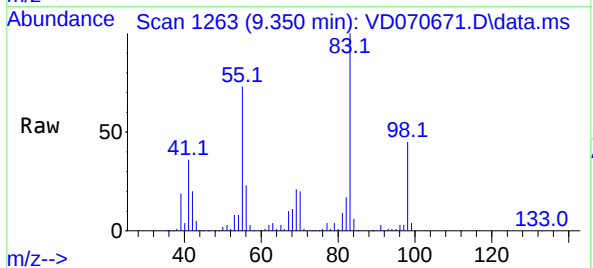
Acq: 12 Oct 2021 11:06

Tgt Ion:	83	Resp:	326476
Ion	Ratio	Lower	Upper
83	100		
55	72.6	58.2	87.4
98	45.4	36.9	55.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/15/2021 1:18:35 AM



#40

Benzene

Concen: 49.58 ug/l

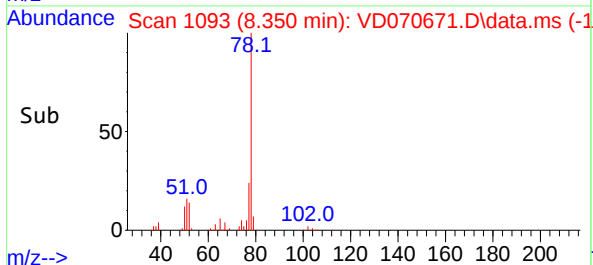
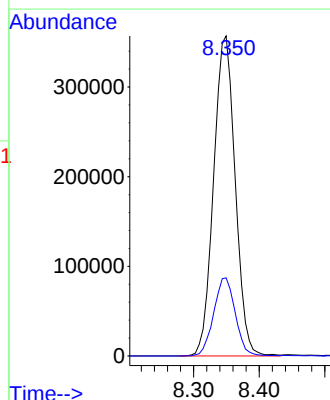
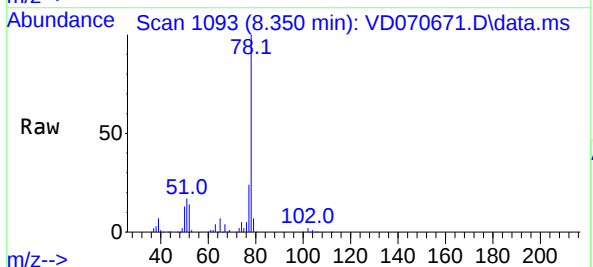
RT: 8.350 min Scan# 1093

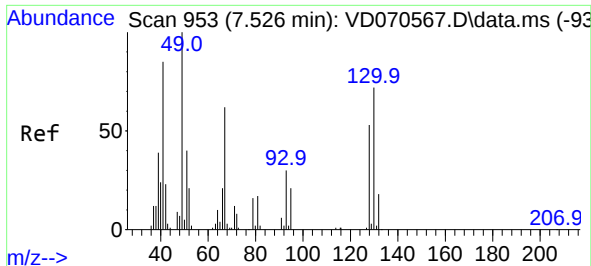
Delta R.T. -0.000 min

Lab File: VD070671.D

Acq: 12 Oct 2021 11:06

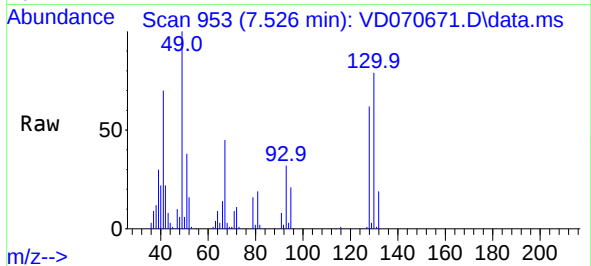
Tgt Ion:	78	Resp:	814604
Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.9	28.3





#41
Methacrylonitrile
Concen: 53.10 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

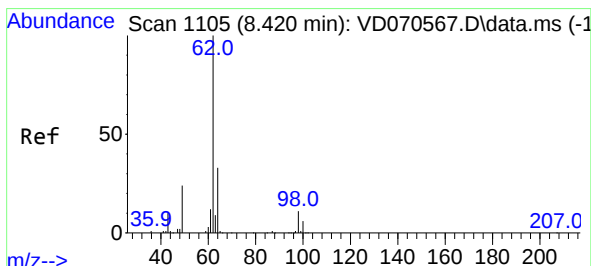
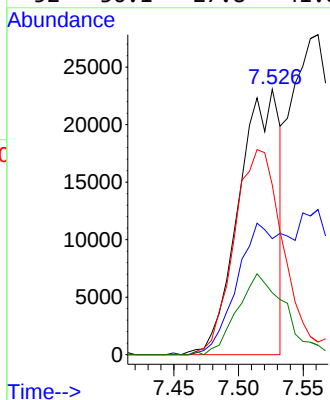
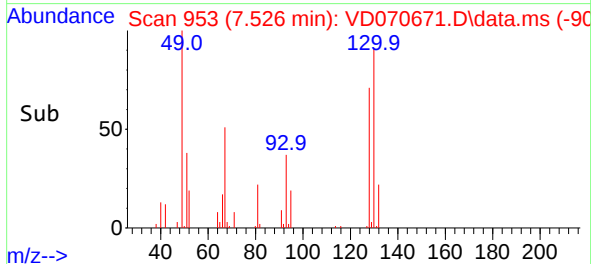
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



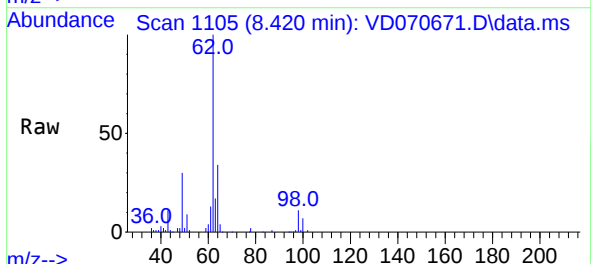
Tgt Ion: 41 Resp: 50717
Ion Ratio Lower Upper
41 100
39 58.1 45.2 67.8
67 93.8 75.8 113.6
52 36.1 27.8 41.8

Manual Integrations
APPROVED

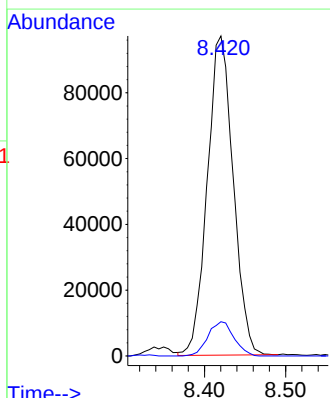
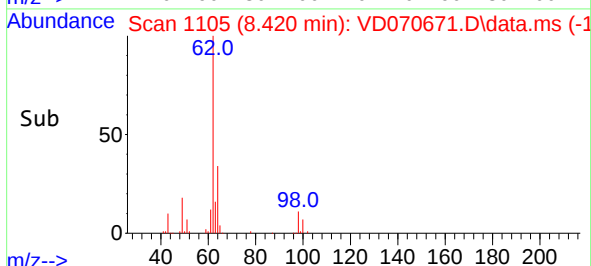
MMDadoda
10/15/2021 1:18:35 AM

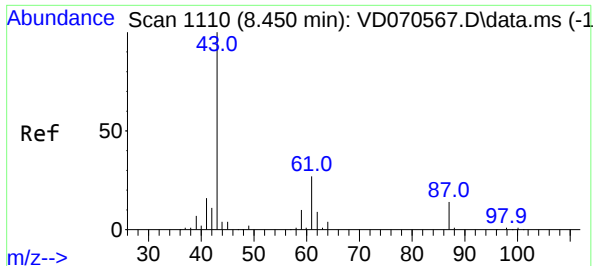


#42
1,2-Dichloroethane
Concen: 50.71 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



Tgt Ion: 62 Resp: 215461
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0





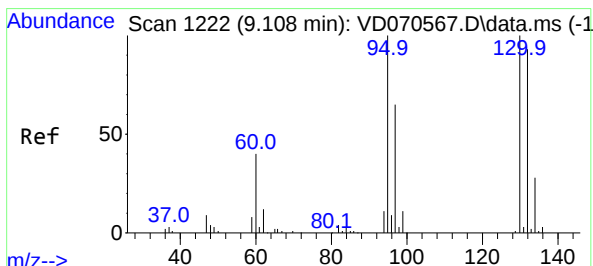
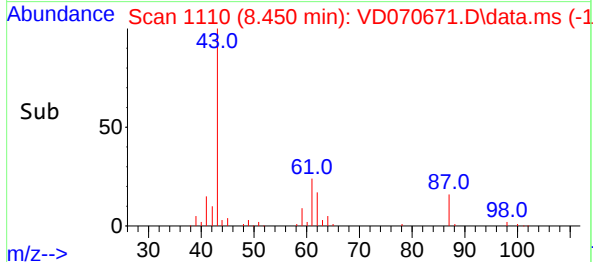
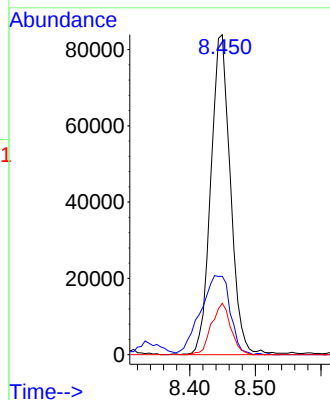
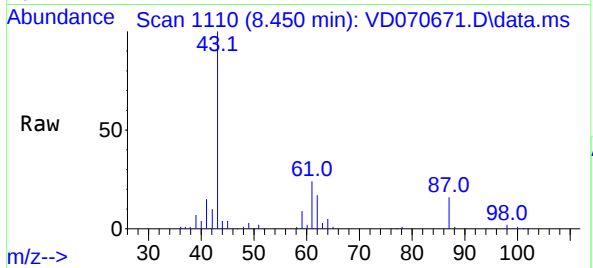
#43
Isopropyl Acetate
Concen: 51.36 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 43 Resp: 174302
Ion Ratio Lower Upper
43 100
61 37.2 29.0 43.4
87 15.8 11.8 17.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

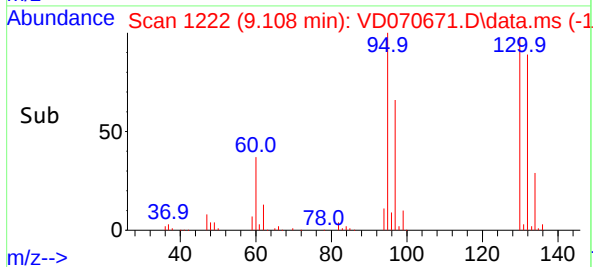
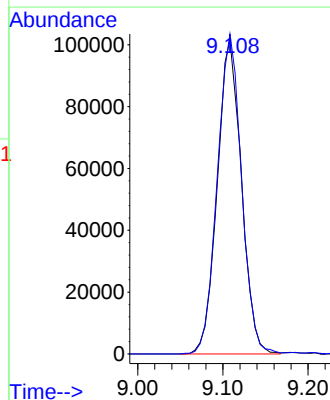
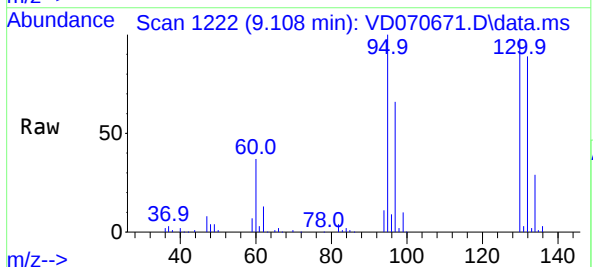
Manual Integrations
APPROVED

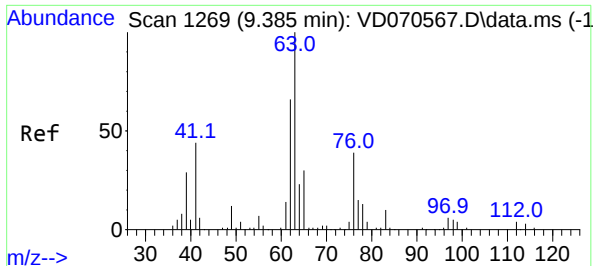
MMDadoda
10/15/2021 1:18:35 AM



#44
Trichloroethene
Concen: 49.42 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion:130 Resp: 200211
Ion Ratio Lower Upper
130 100
95 101.9 0.0 200.8





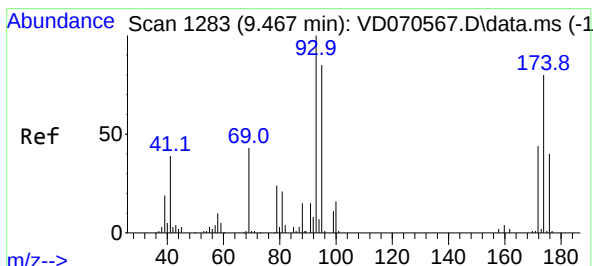
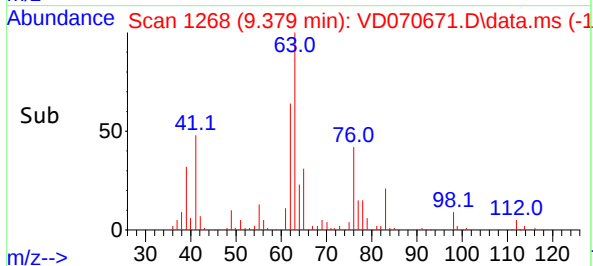
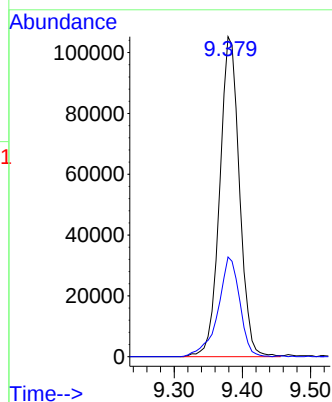
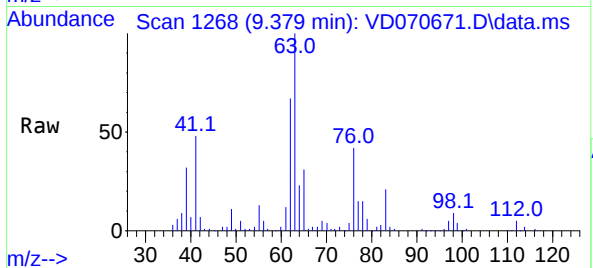
#45
1,2-Dichloropropane
Concen: 50.51 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 63 Resp: 211794
Ion Ratio Lower Upper
63 100
65 31.1 23.8 35.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

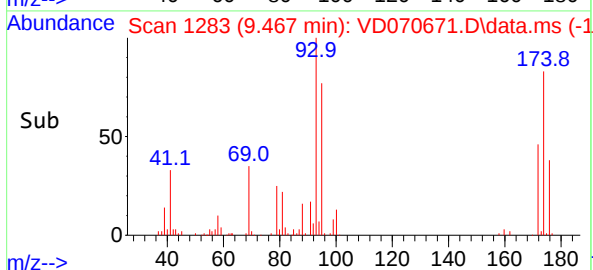
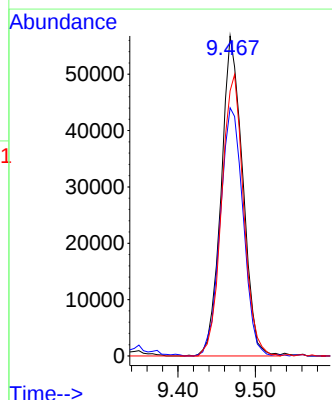
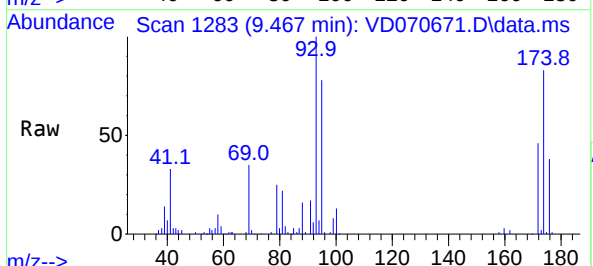
Manual Integrations
APPROVED

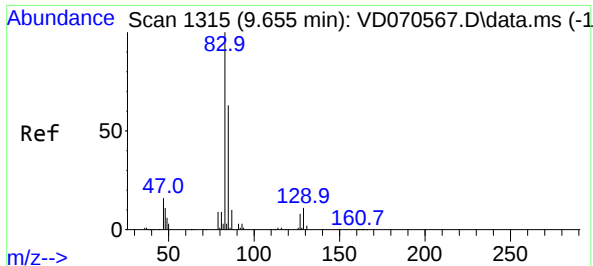
MMDadoda
10/15/2021 1:18:35 AM



#46
Dibromomethane
Concen: 50.97 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 93 Resp: 109686
Ion Ratio Lower Upper
93 100
95 82.5 66.5 99.7
174 89.4 66.7 100.1





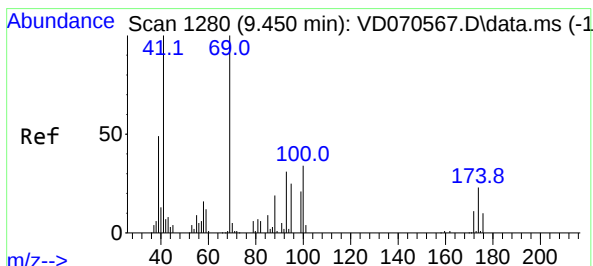
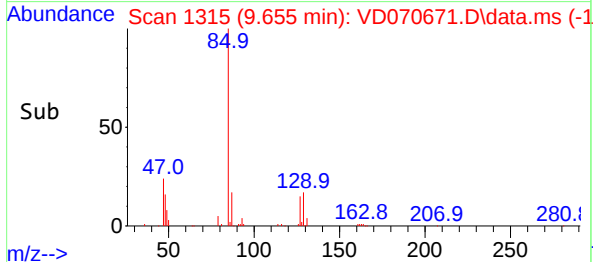
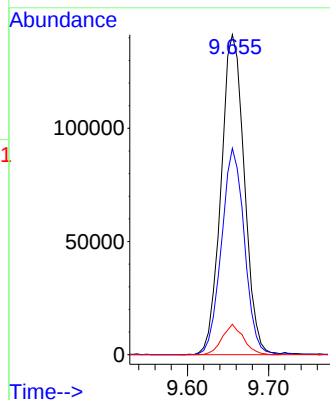
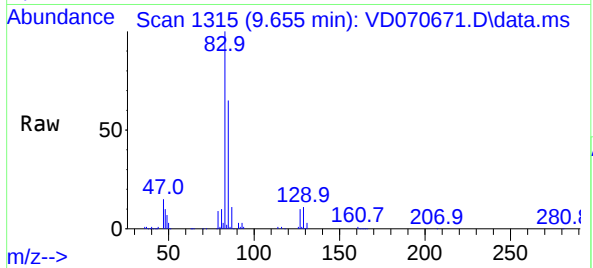
#47
Bromodichloromethane
Concen: 50.75 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 83 Resp: 281870
Ion Ratio Lower Upper
83 100
85 64.5 50.7 76.1
127 9.5 6.5 9.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

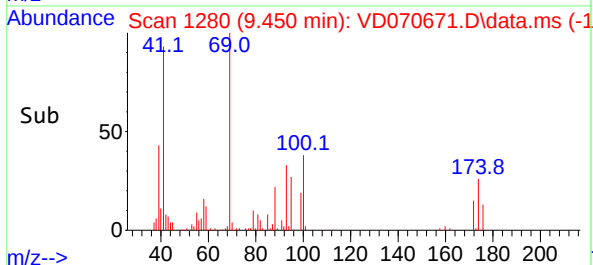
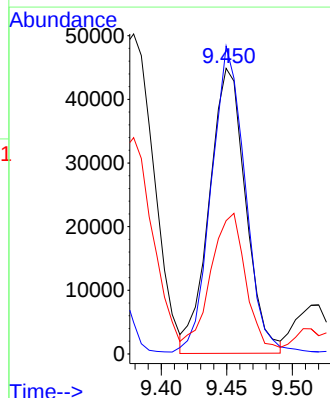
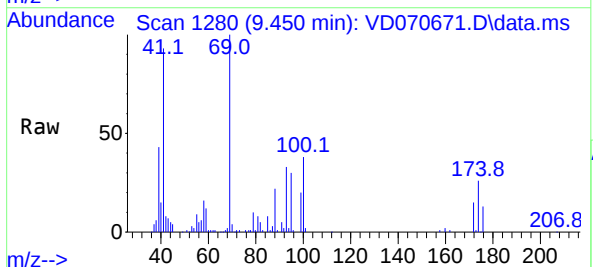
Manual Integrations
APPROVED

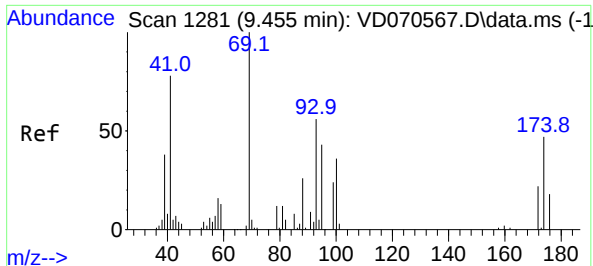
MMDadoda
10/15/2021 1:18:35 AM



#48
Methyl methacrylate
Concen: 54.25 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 41 Resp: 86291
Ion Ratio Lower Upper
41 100
69 101.9 78.5 117.7
39 43.9 34.9 52.3





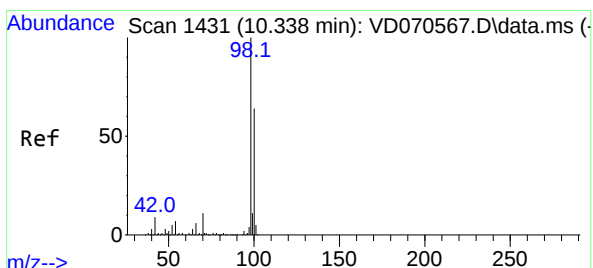
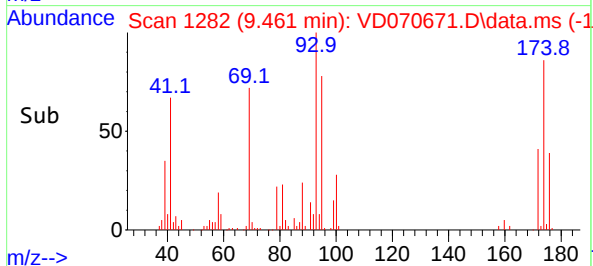
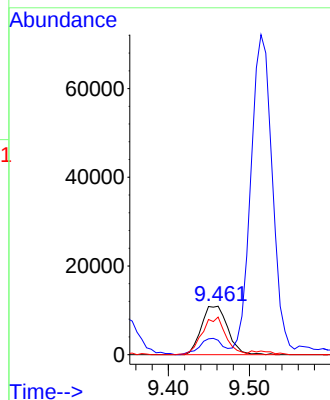
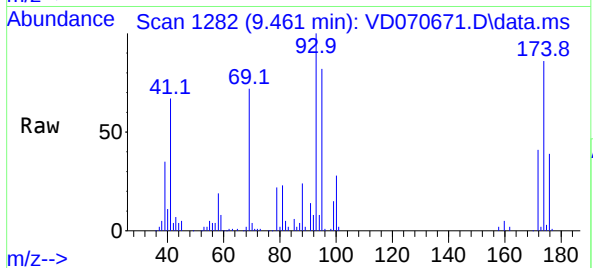
#49
1,4-Dioxane
Concen: 1127.41 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 88 Resp: 24654
Ion Ratio Lower Upper
88 100
43 29.1 25.1 37.7
58 69.6 57.4 86.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

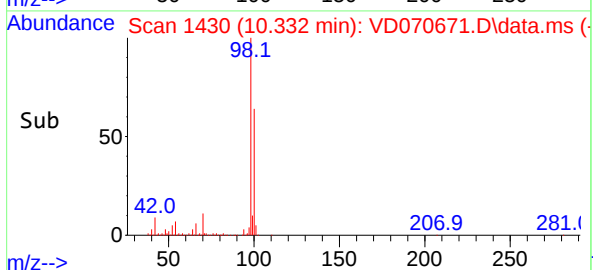
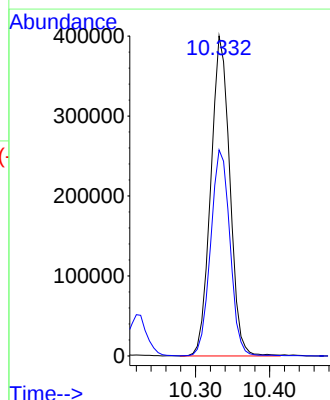
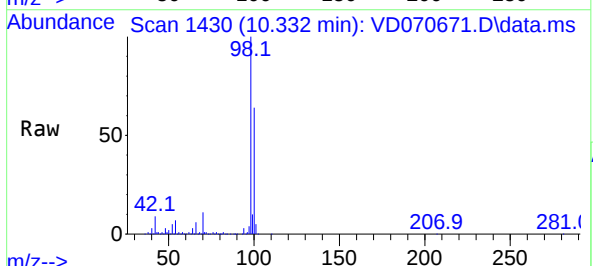
Manual Integrations
APPROVED

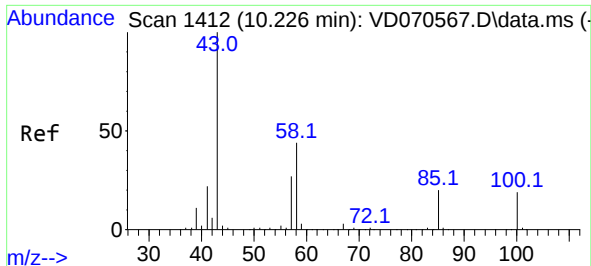
MMDadoda
10/15/2021 1:18:35 AM



#50
Toluene-d8
Concen: 53.53 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 98 Resp: 714099
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4





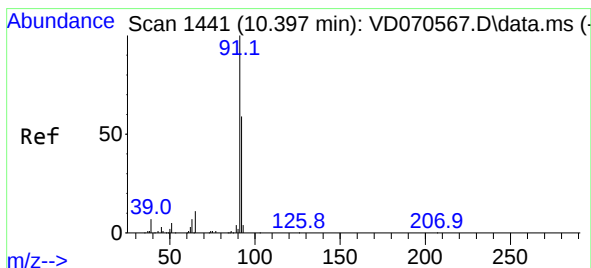
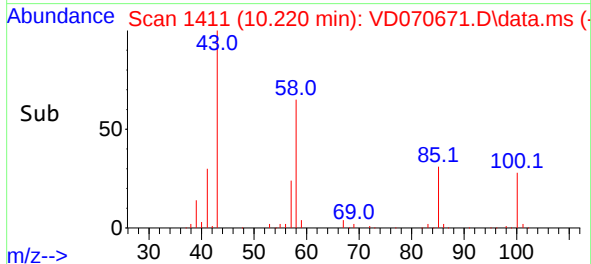
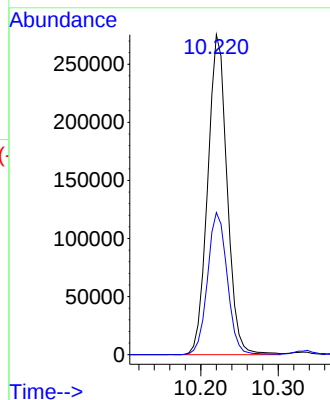
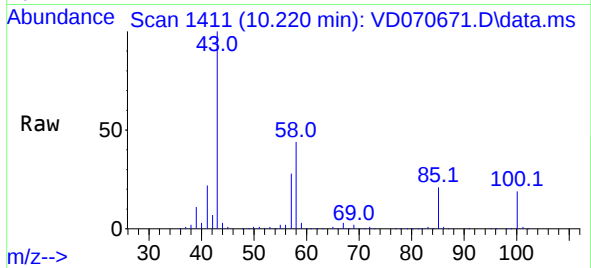
#51
4-Methyl-2-Pentanone
Concen: 273.65 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 43 Resp: 479091
Ion Ratio Lower Upper
43 100
58 45.1 35.0 52.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

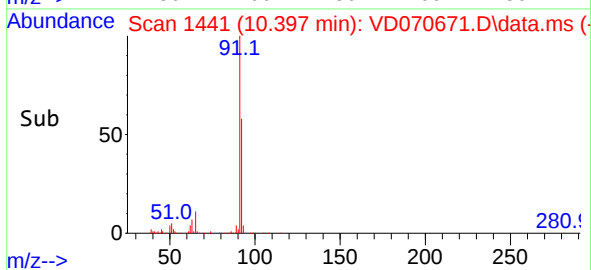
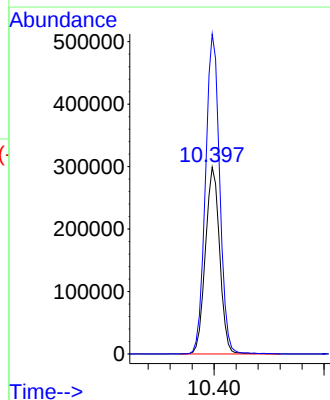
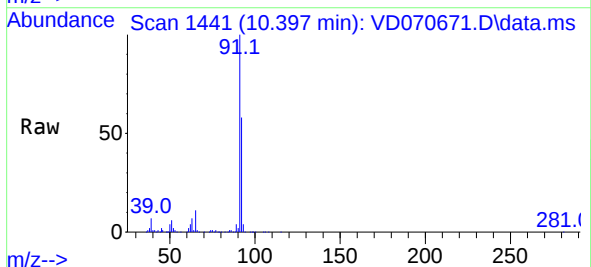
Manual Integrations
APPROVED

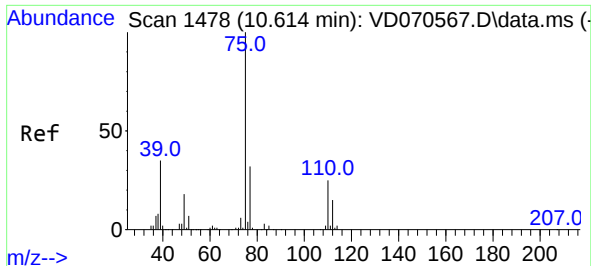
MMDadoda
10/15/2021 1:18:35 AM



#52
Toluene
Concen: 53.36 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 92 Resp: 538550
Ion Ratio Lower Upper
92 100
91 170.7 136.3 204.5





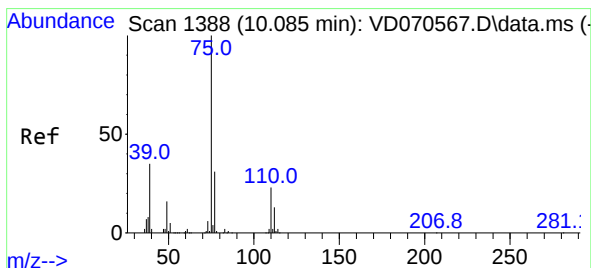
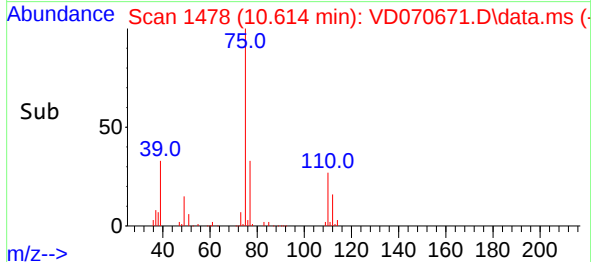
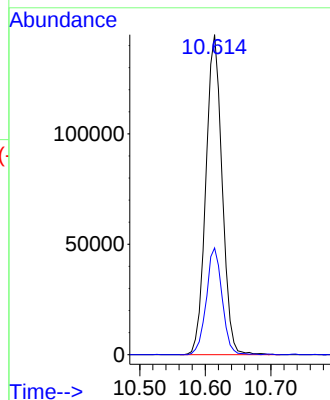
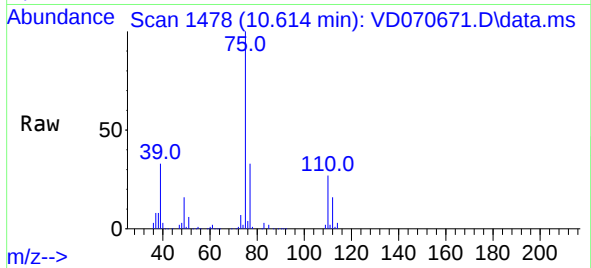
#53
t-1,3-Dichloropropene
Concen: 51.39 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 75 Resp: 249771
Ion Ratio Lower Upper
75 100
77 33.4 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

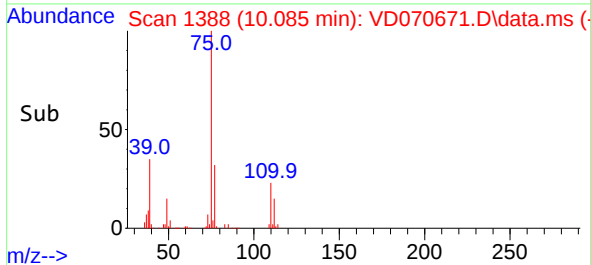
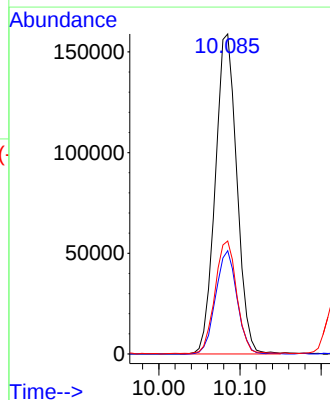
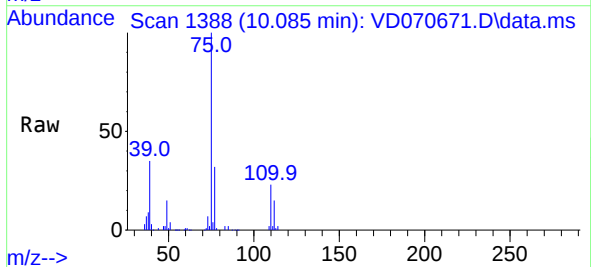
Manual Integrations
APPROVED

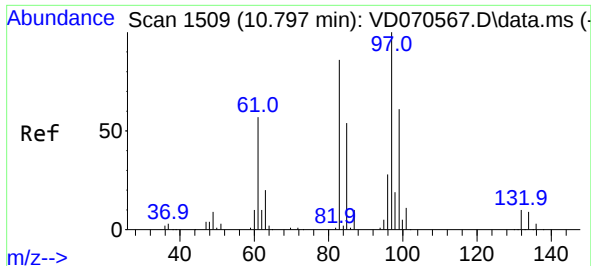
MMDadoda
10/15/2021 1:18:35 AM



#54
cis-1,3-Dichloropropene
Concen: 50.24 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 75 Resp: 294014
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8
39 35.2 27.8 41.6





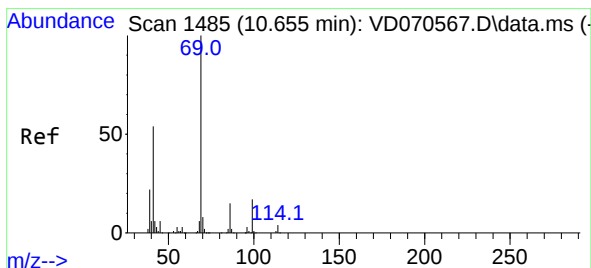
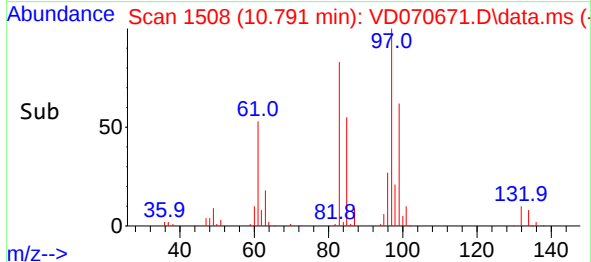
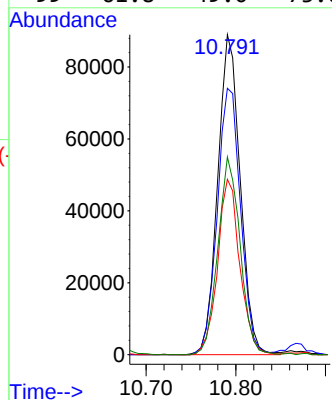
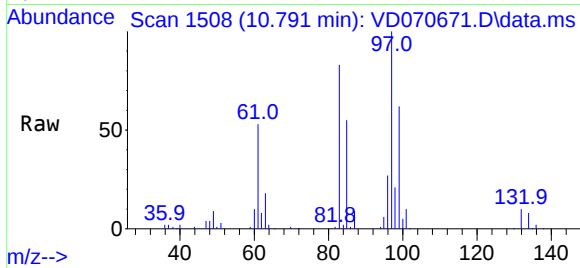
#55
1,1,2-Trichloroethane
Concen: 52.84 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion:	97	Resp:	154910
Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.1	103.7
85	54.8	43.0	64.6
99	61.8	49.0	73.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

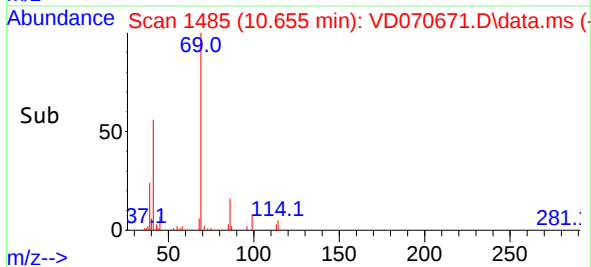
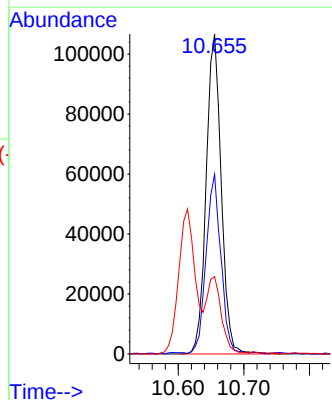
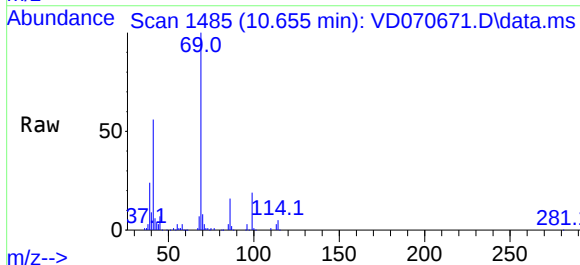
Manual Integrations
APPROVED

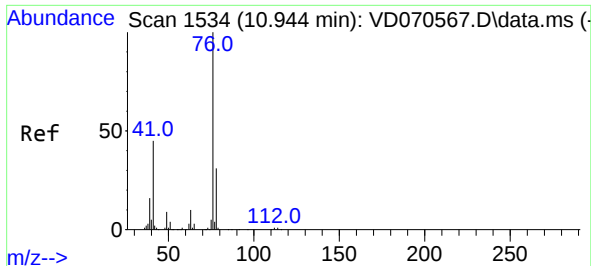
MMDadoda
10/15/2021 1:18:35 AM



#56
Ethyl methacrylate
Concen: 48.71 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion:	69	Resp:	170424
Ion	Ratio	Lower	Upper
69	100		
41	54.9	44.7	67.1
39	22.5	19.5	29.3





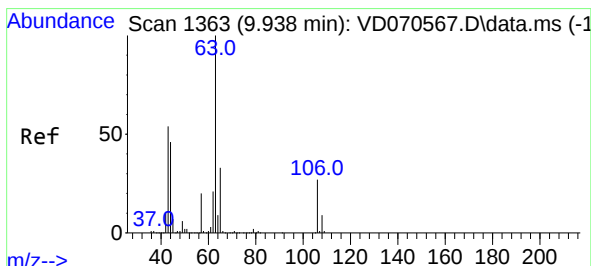
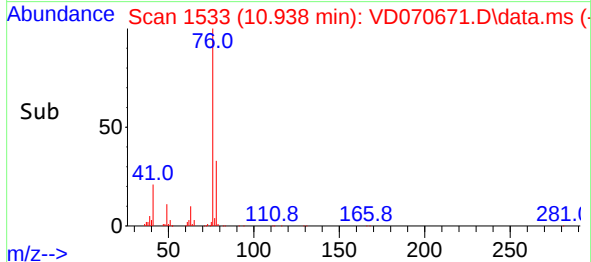
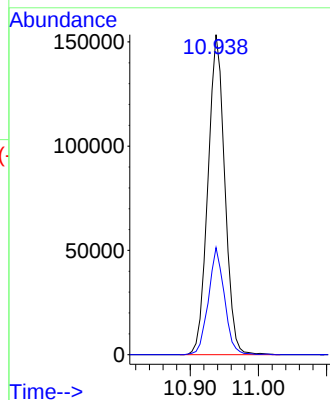
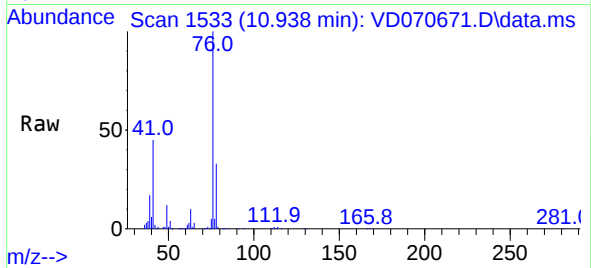
#57
1,3-Dichloropropane
Concen: 52.93 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 76 Resp: 263981
Ion Ratio Lower Upper
76 100
78 31.8 25.3 37.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

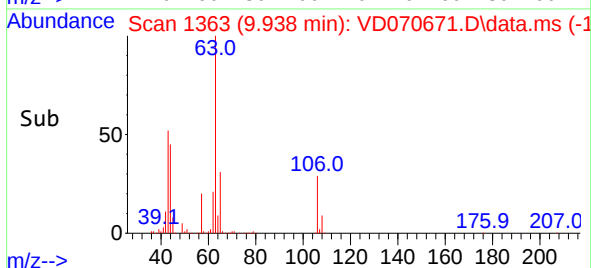
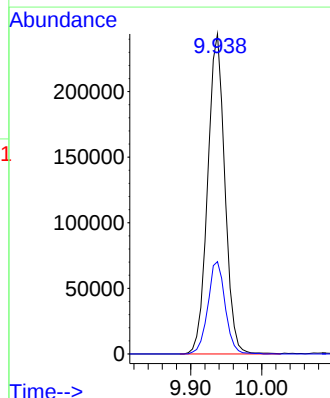
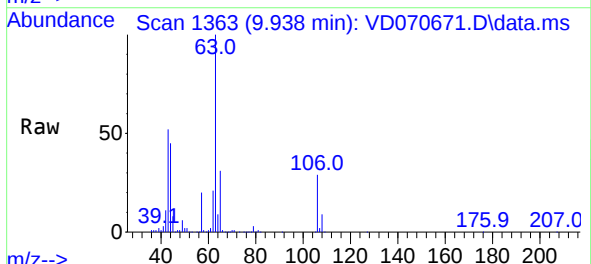
Manual Integrations
APPROVED

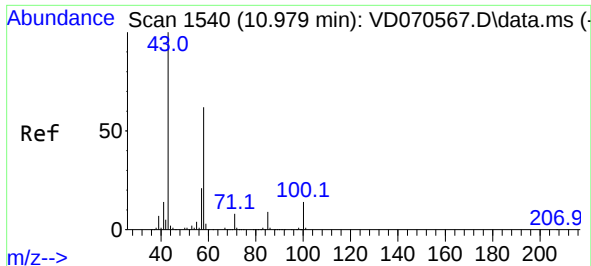
MMDadoda
10/15/2021 1:18:35 AM



#58
2-Chloroethyl Vinyl ether
Concen: 289.93 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

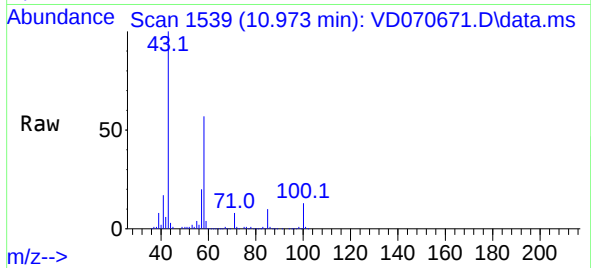
Tgt Ion: 63 Resp: 409539
Ion Ratio Lower Upper
63 100
106 29.1 22.3 33.5





#59
2-Hexanone
Concen: 276.32 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

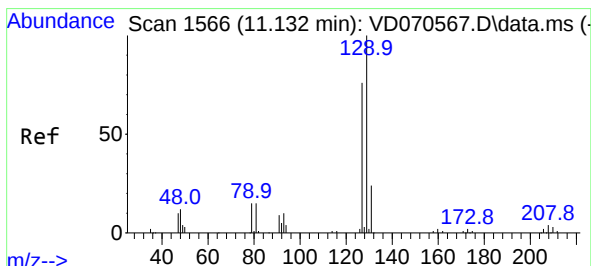
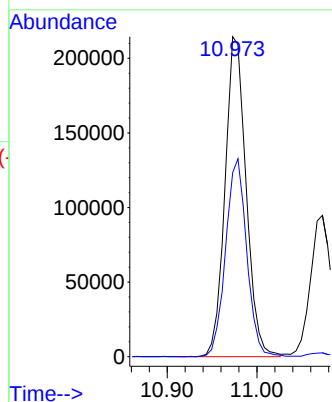
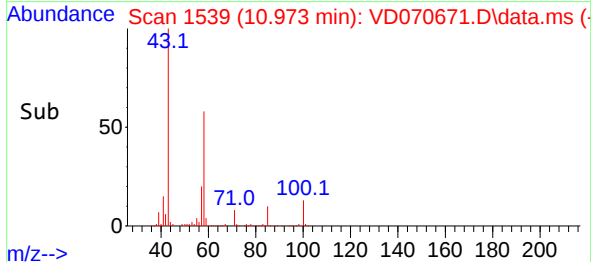
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



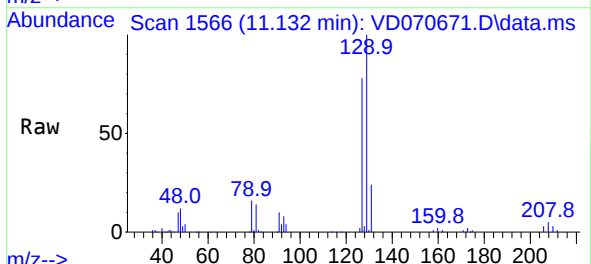
Tgt Ion: 43 Resp: 350167
Ion Ratio Lower Upper
43 100
58 61.9 30.4 91.3

Manual Integrations
APPROVED

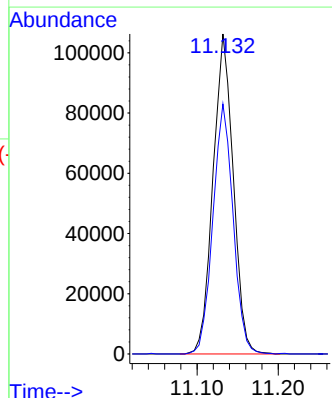
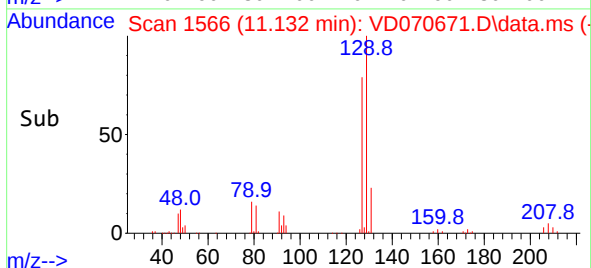
MMDadoda
10/15/2021 1:18:35 AM

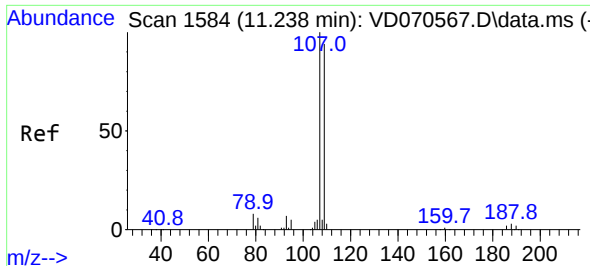


#60
Dibromochloromethane
Concen: 52.09 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



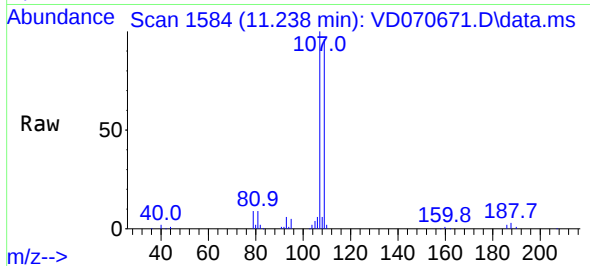
Tgt Ion: 129 Resp: 183962
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 52.00 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

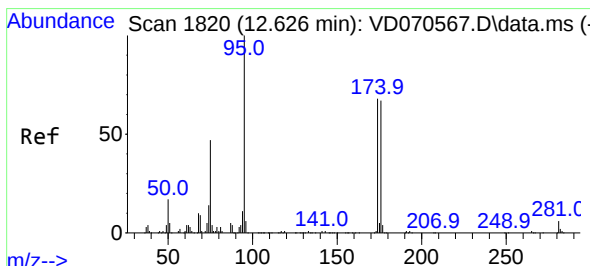
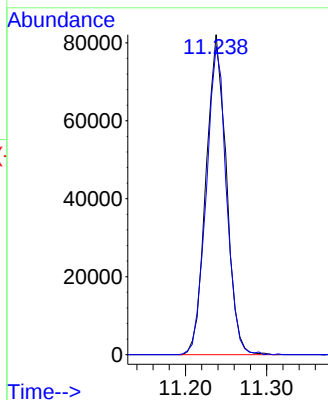
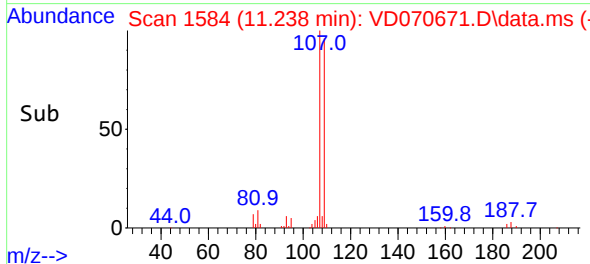
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



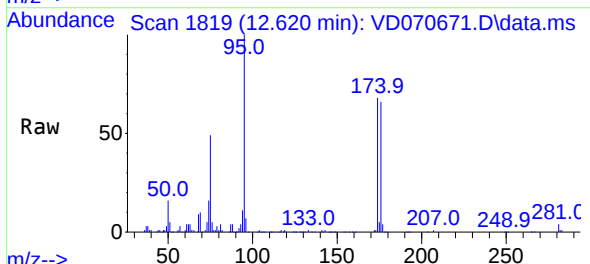
Tgt Ion:107 Resp: 141961
Ion Ratio Lower Upper
107 100
109 96.2 75.0 112.6

Manual Integrations
APPROVED

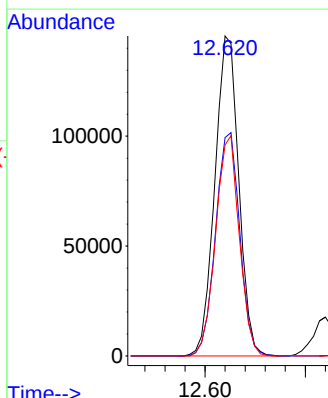
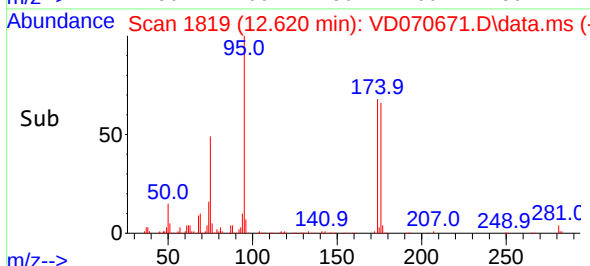
MMDadoda
10/15/2021 1:18:35 AM

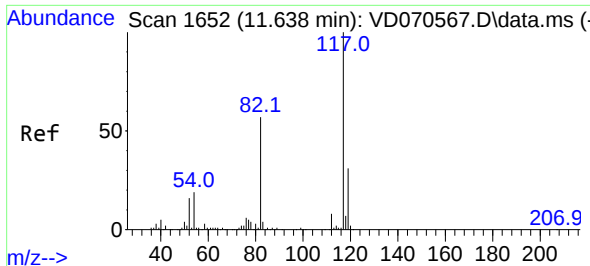


#62
4-Bromofluorobenzene
Concen: 53.90 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



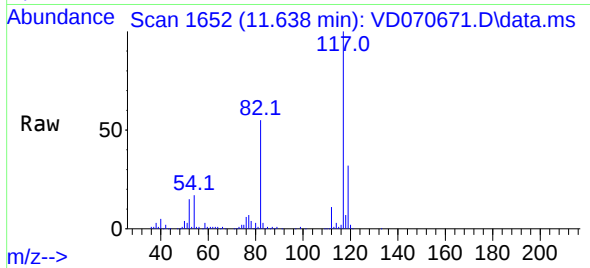
Tgt Ion: 95 Resp: 240298
Ion Ratio Lower Upper
95 100
174 71.0 0.0 138.0
176 68.1 0.0 135.6





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

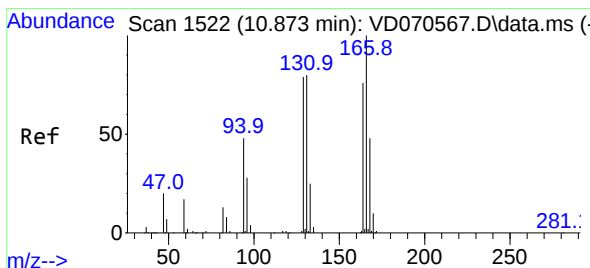
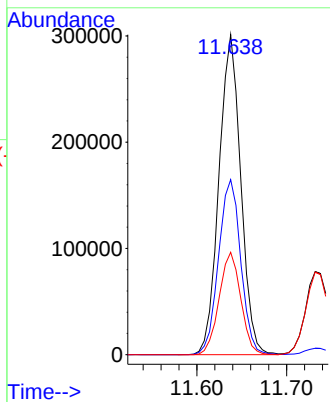
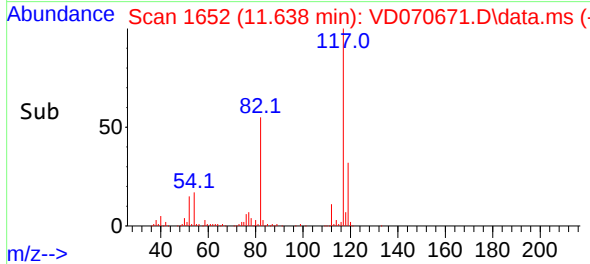
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



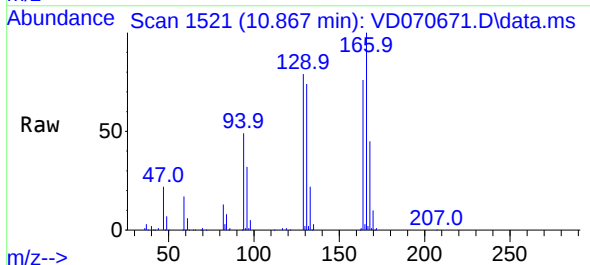
Tgt Ion:117 Resp: 508802
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.2
119 32.0 24.7 37.1

Manual Integrations
APPROVED

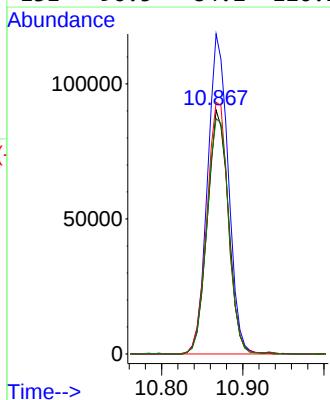
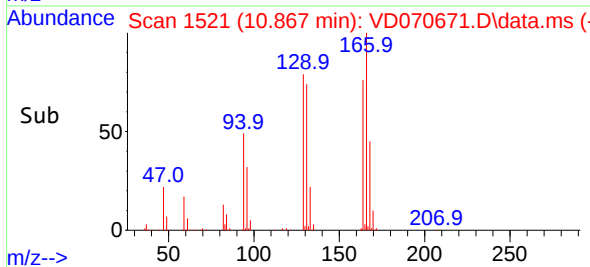
MMDadoda
10/15/2021 1:18:35 AM

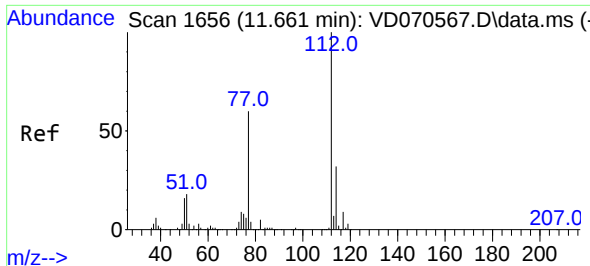


#64
Tetrachloroethene
Concen: 50.18 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



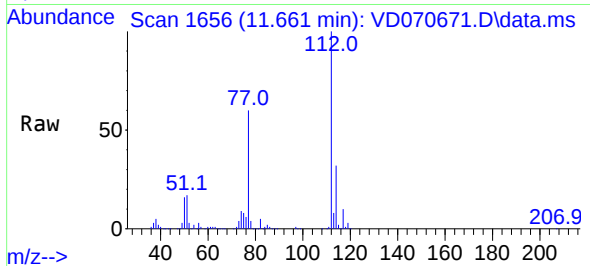
Tgt Ion:164 Resp: 163721
Ion Ratio Lower Upper
164 100
166 131.3 105.8 158.6
129 103.2 83.8 125.6
131 96.5 84.2 126.2





#65
Chlorobenzene
Concen: 49.38 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

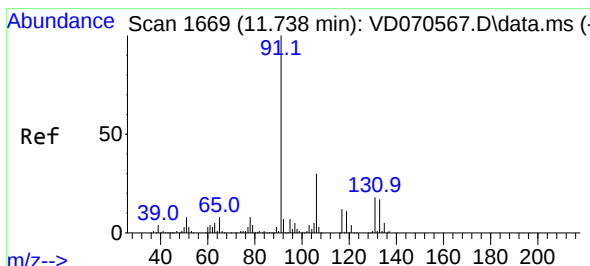
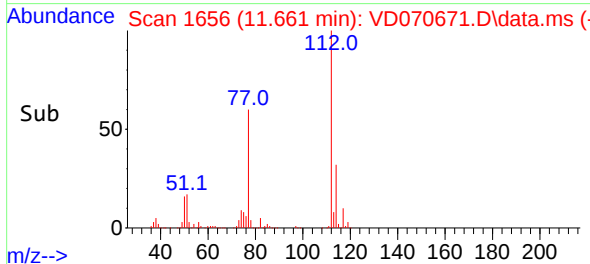
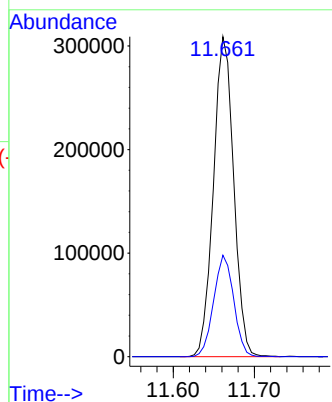
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



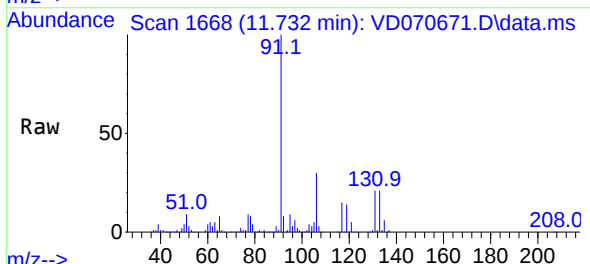
Tgt Ion:112 Resp: 535707
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9

Manual Integrations
APPROVED

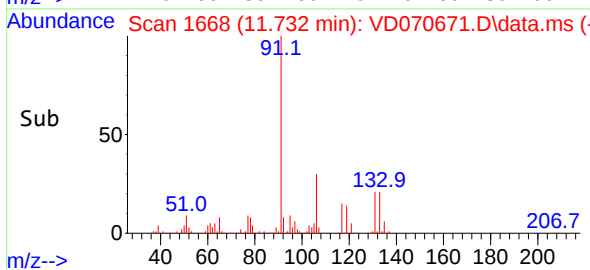
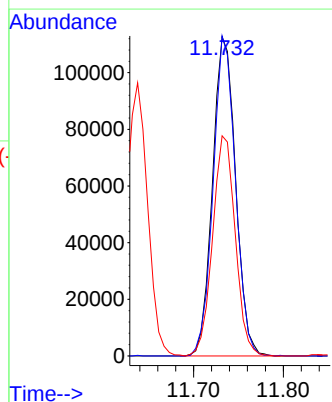
MMDadoda
10/15/2021 1:18:35 AM

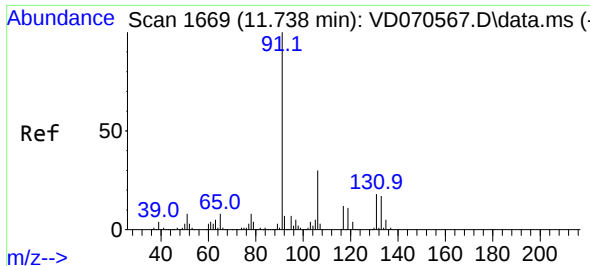


#66
1,1,1,2-Tetrachloroethane
Concen: 49.74 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



Tgt Ion:131 Resp: 200753
Ion Ratio Lower Upper
131 100
133 96.8 46.8 140.3
119 68.0 32.6 97.7





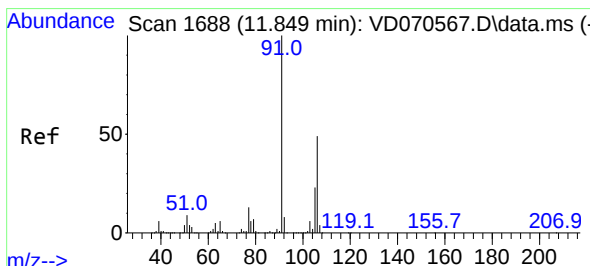
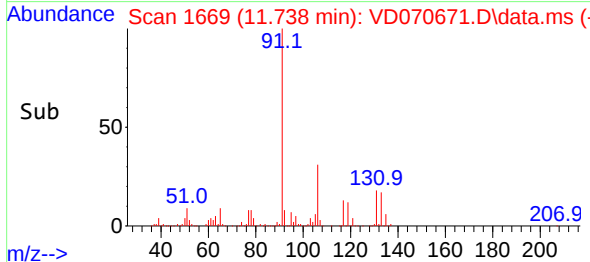
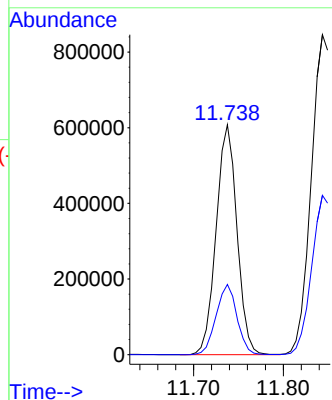
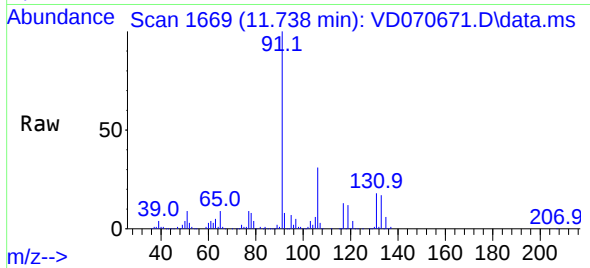
#67
Ethyl Benzene
Concen: 52.25 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 91 Resp: 978164
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

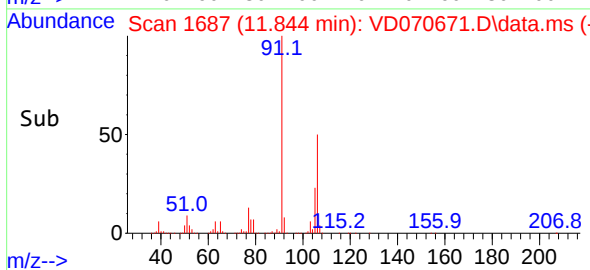
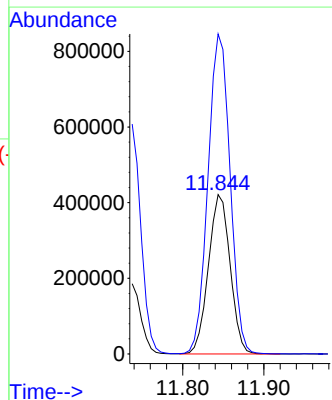
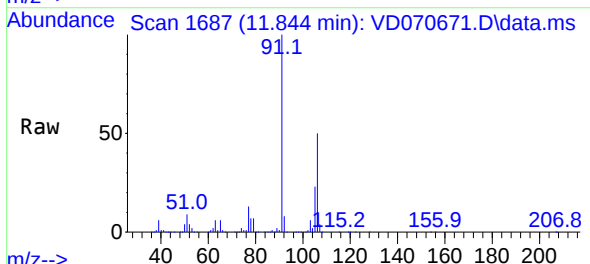
Manual Integrations
APPROVED

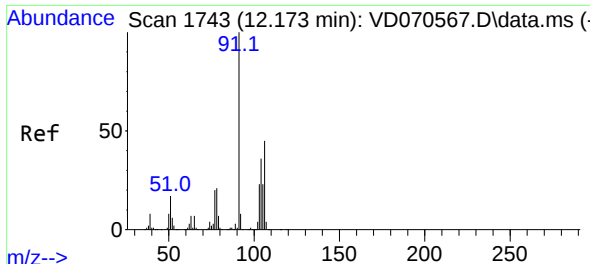
MMDadoda
10/15/2021 1:18:35 AM



#68
m/p-Xylenes
Concen: 106.25 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion:106 Resp: 783373
Ion Ratio Lower Upper
106 100
91 203.7 162.7 244.1





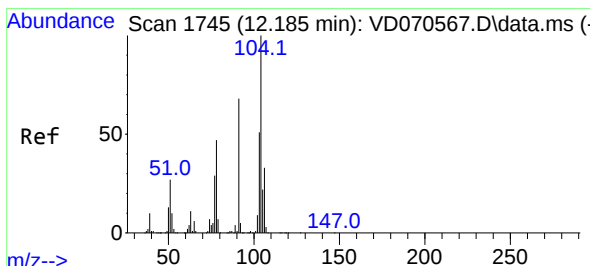
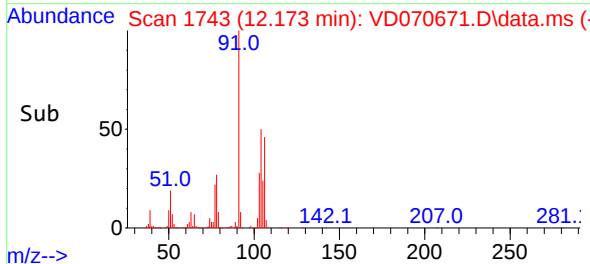
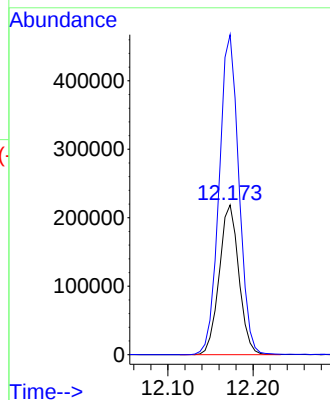
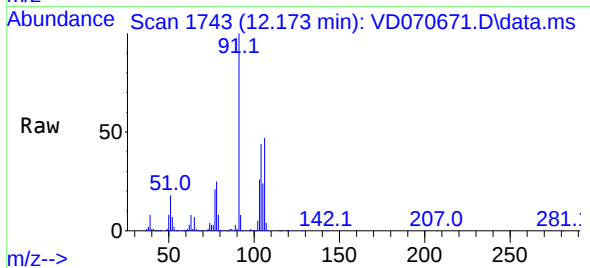
#69
o-Xylene
Concen: 53.35 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion:106 Resp: 349845
Ion Ratio Lower Upper
106 100
91 215.3 107.8 323.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

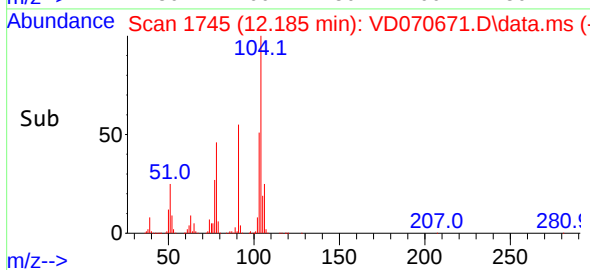
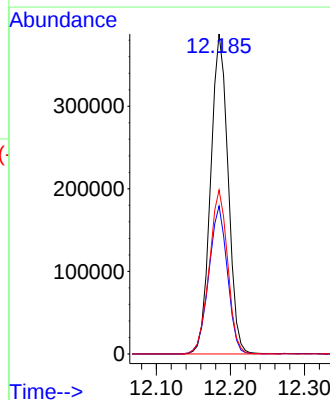
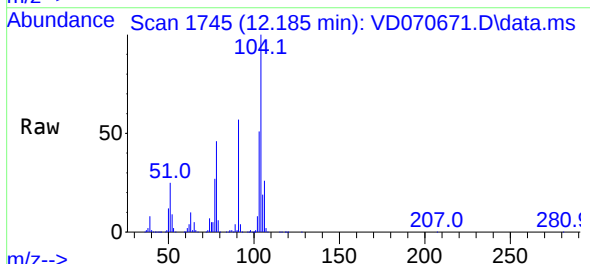
Manual Integrations
APPROVED

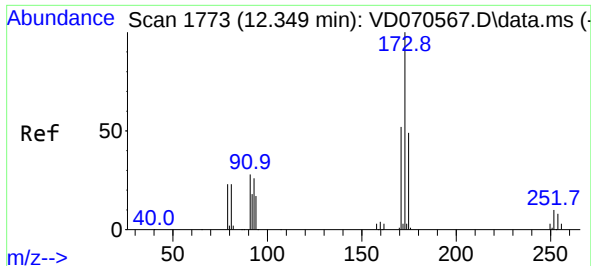
MMDadoda
10/15/2021 1:18:35 AM



#70
Styrene
Concen: 54.97 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion:104 Resp: 635179
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.6
103 54.1 43.4 65.2





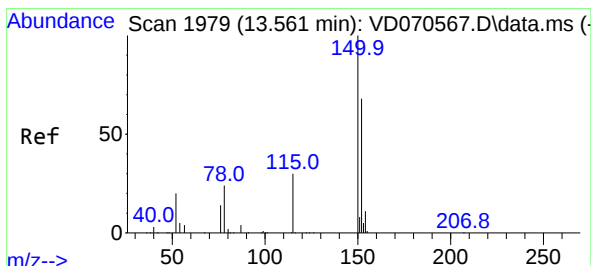
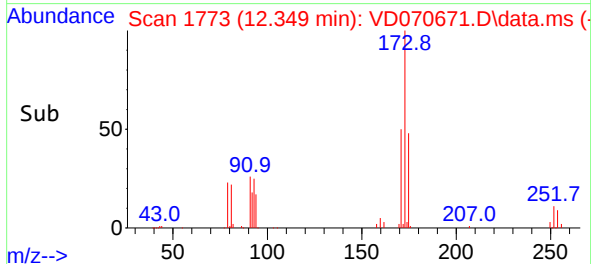
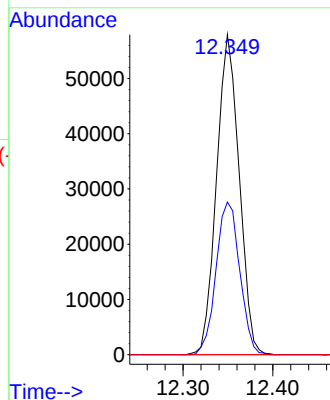
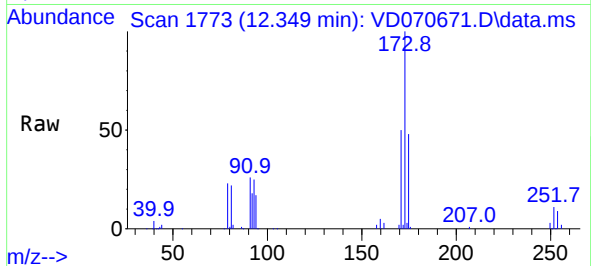
#71
Bromoform
Concen: 53.54 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion:173 Resp: 101443
Ion Ratio Lower Upper
173 100
175 50.0 24.4 73.4
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

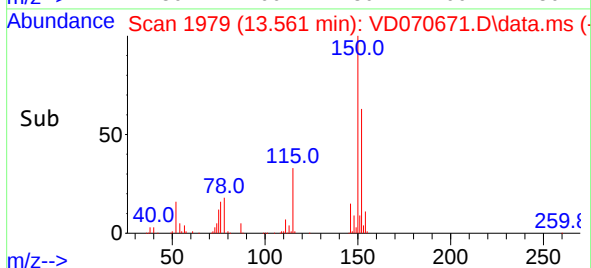
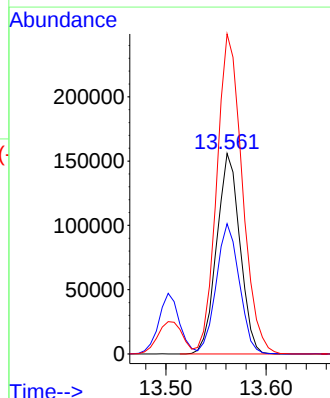
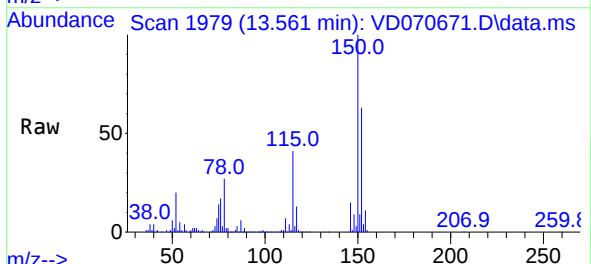
Manual Integrations
APPROVED

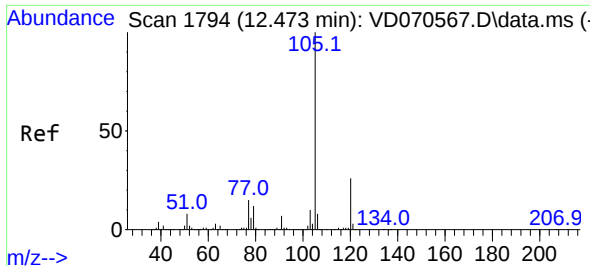
MMDadoda
10/15/2021 1:18:35 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

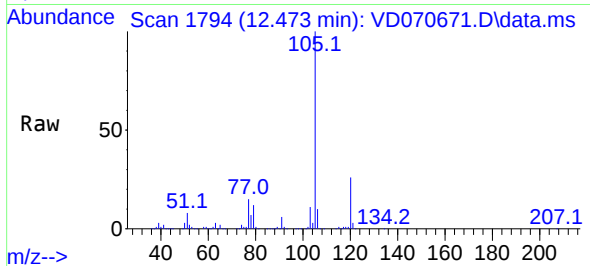
Tgt Ion:152 Resp: 251042
Ion Ratio Lower Upper
152 100
115 64.5 31.9 95.7
150 175.3 0.0 350.0





#73
Isopropylbenzene
Concen: 50.13 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

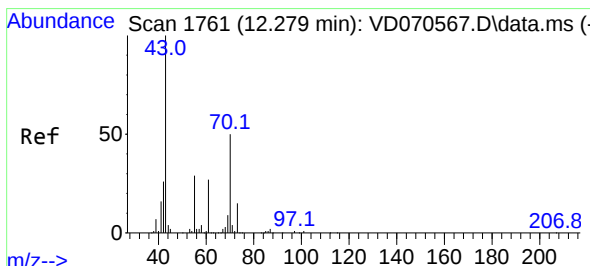
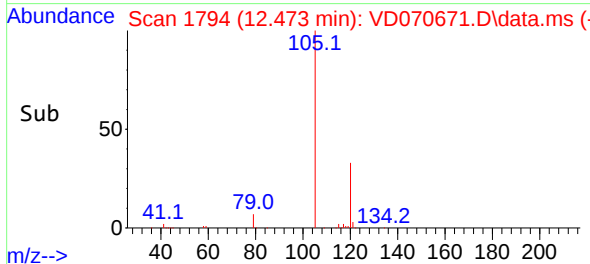
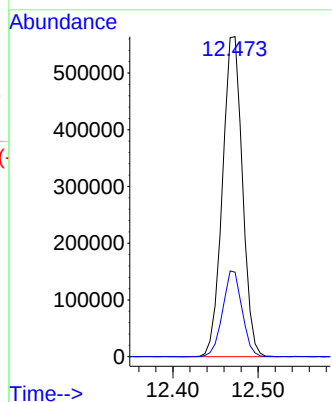
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



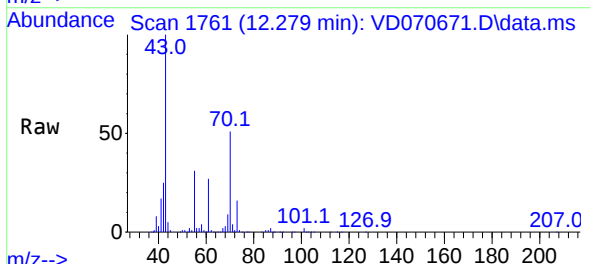
Tgt Ion:105 Resp: 917447
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3

Manual Integrations
APPROVED

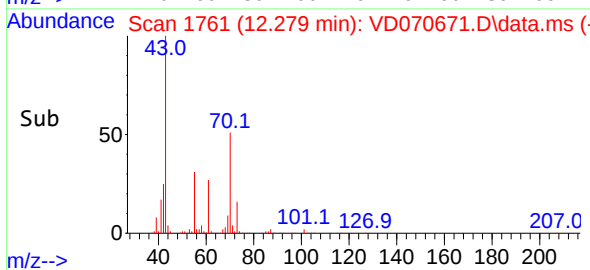
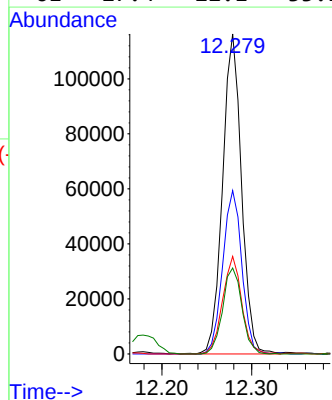
MMDadoda
10/15/2021 1:18:35 AM

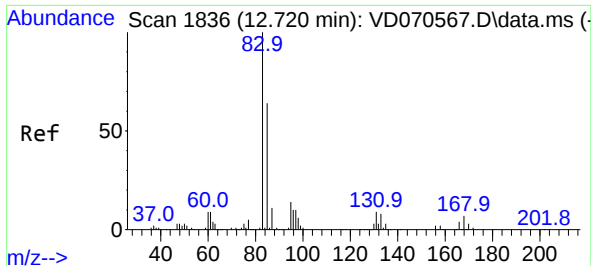


#74
N-ethyl acetate
Concen: 49.37 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



Tgt Ion: 43 Resp: 170267
Ion Ratio Lower Upper
43 100
70 51.7 40.0 60.0
55 30.9 23.8 35.6
61 27.4 22.1 33.1





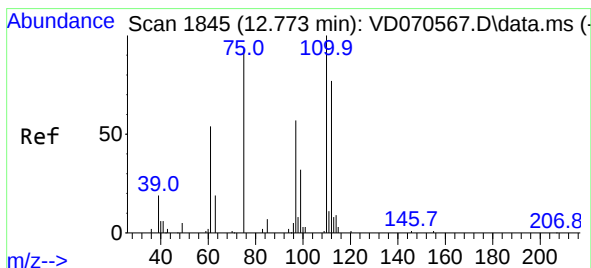
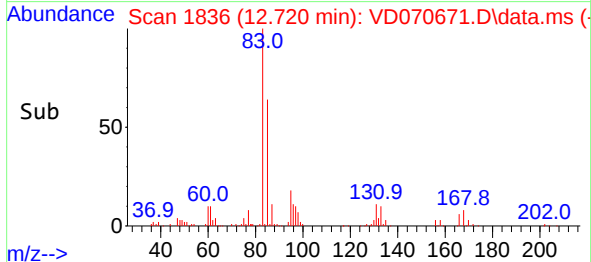
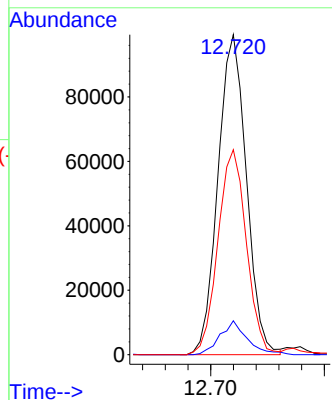
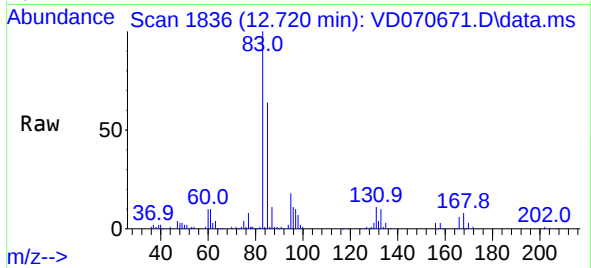
#75
1,1,2,2-Tetrachloroethane
Concen: 48.23 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 83 Resp: 172580
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 64.1 31.9 95.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

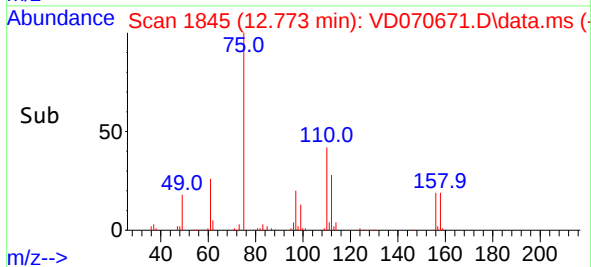
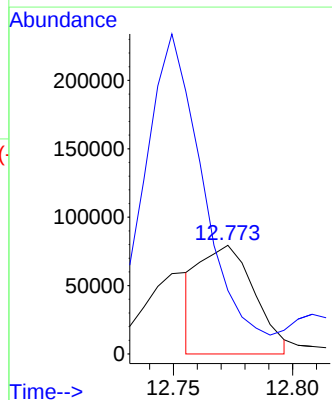
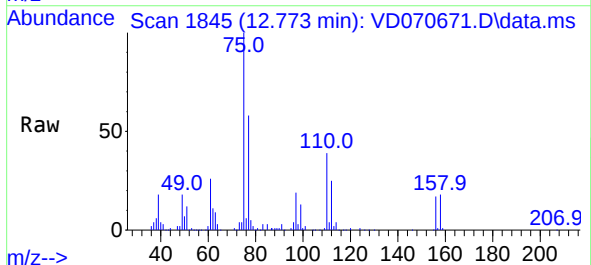
Manual Integrations
APPROVED

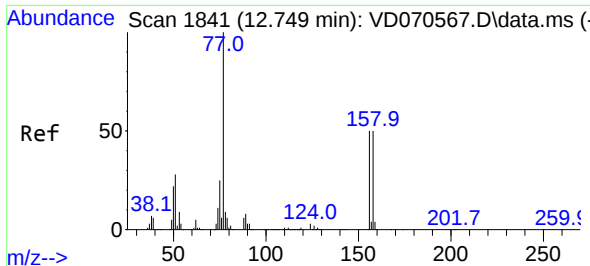
MMDadoda
10/15/2021 1:18:35 AM



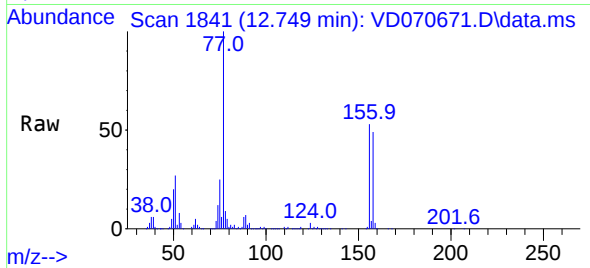
#76
1,2,3-Trichloropropane
Concen: 56.11 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 75 Resp: 127498
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

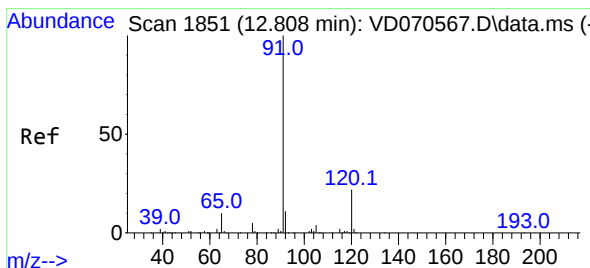
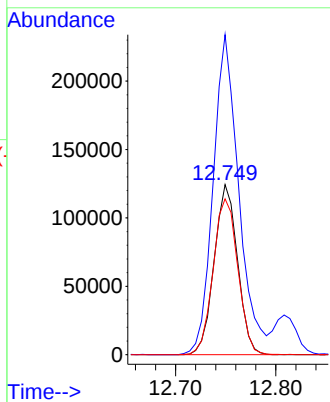
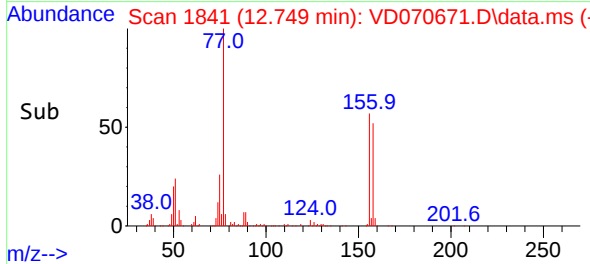




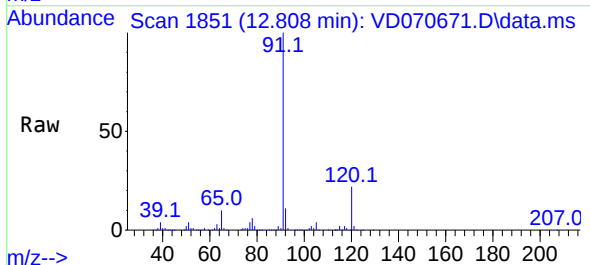
#77
Bromobenzene
Concen: 49.09 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



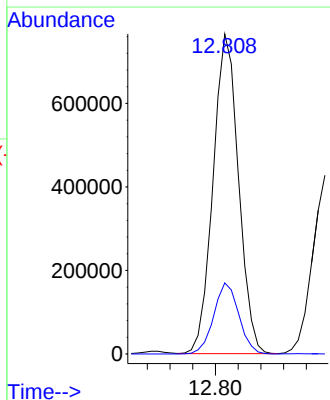
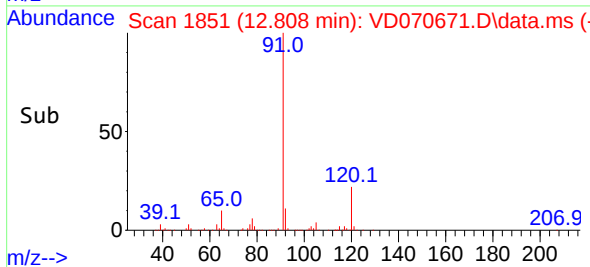
Tgt Ion:156 Resp: 200877
Ion Ratio Lower Upper
156 100
77 206.7 105.7 317.1
158 96.9 48.9 146.6



#78
n-propylbenzene
Concen: 51.44 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



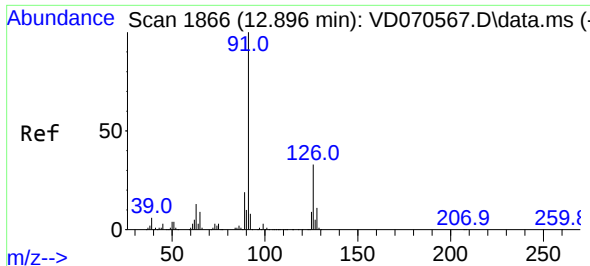
Tgt Ion: 91 Resp: 1191409
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/15/2021 1:18:35 AM



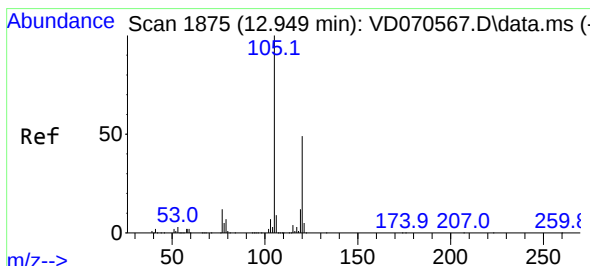
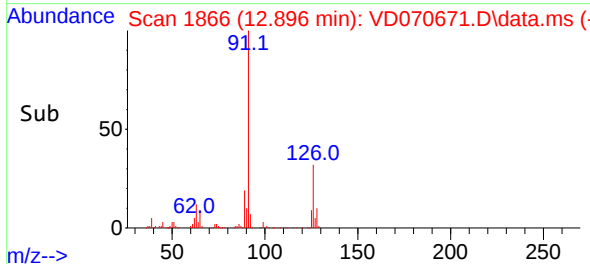
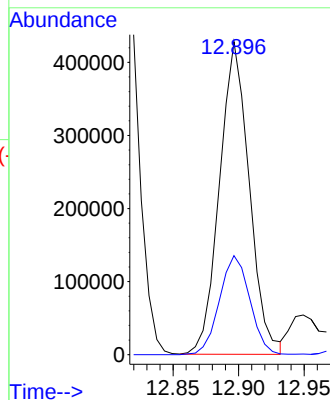
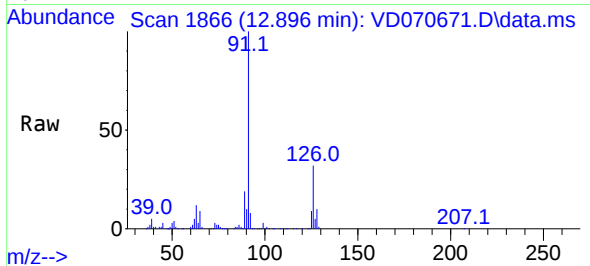
#79
2-Chlorotoluene
Concen: 49.69 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 91 Resp: 675070
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

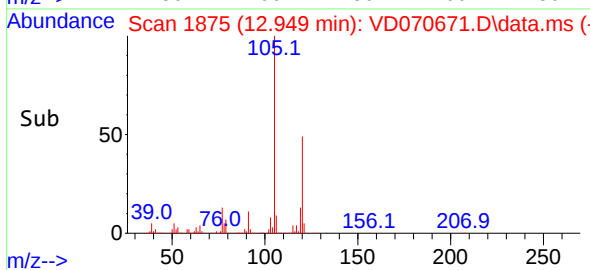
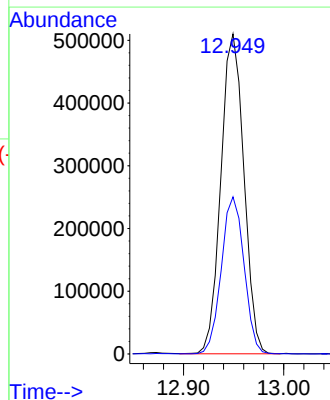
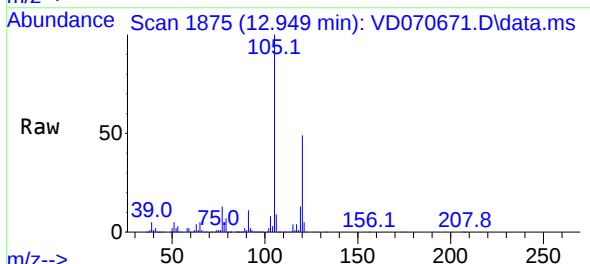
Manual Integrations
APPROVED

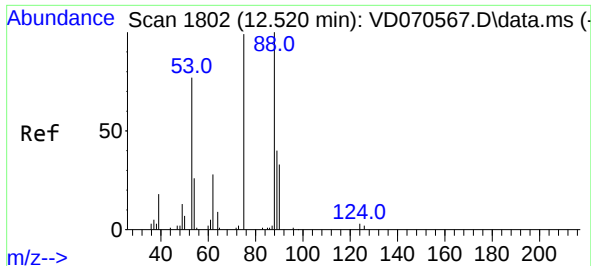
MMDadoda
10/15/2021 1:18:35 AM



#80
1,3,5-Trimethylbenzene
Concen: 51.98 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 105 Resp: 811323
Ion Ratio Lower Upper
105 100
120 48.6 24.4 73.2





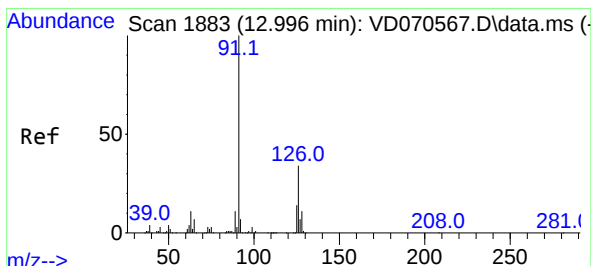
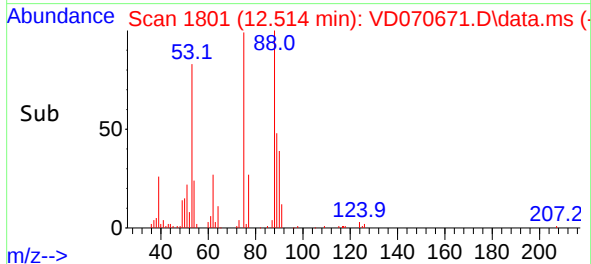
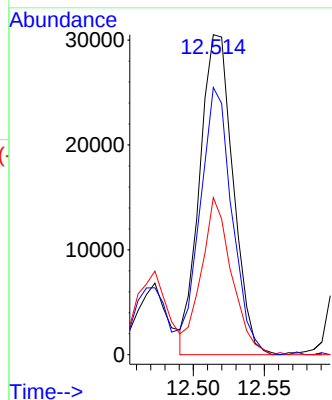
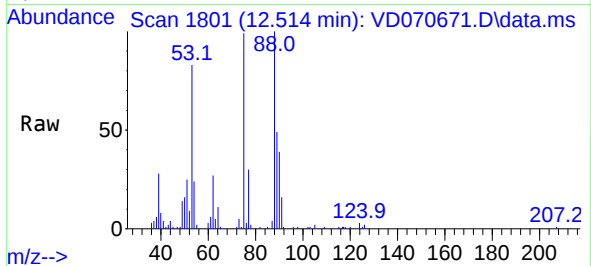
#81
trans-1,4-Dichloro-2-butene
Concen: 48.73 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 75 Resp: 49869
Ion Ratio Lower Upper
75 100
53 81.1 64.5 96.7
89 44.9 35.3 52.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

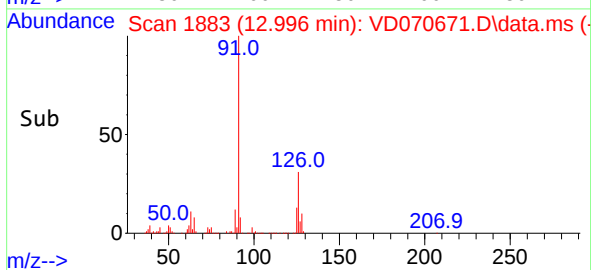
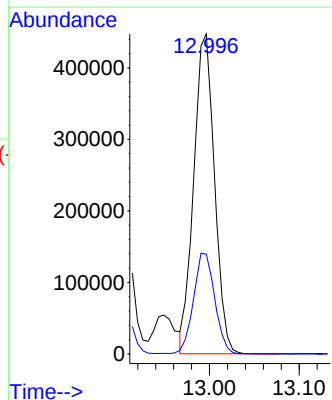
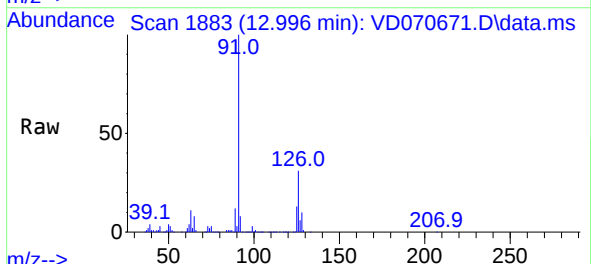
Manual Integrations
APPROVED

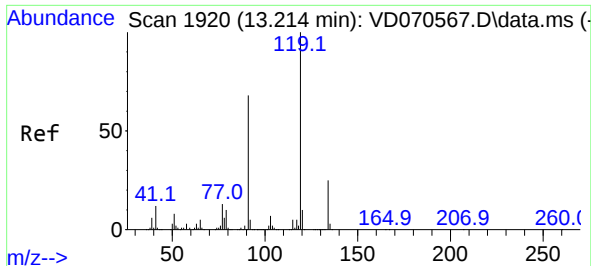
MMDadoda
10/15/2021 1:18:35 AM



#82
4-Chlorotoluene
Concen: 50.52 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

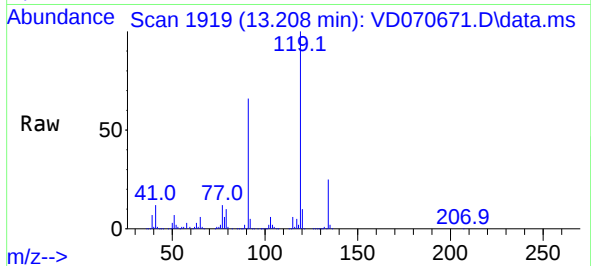
Tgt Ion: 91 Resp: 717632
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.6





#83
tert-Butylbenzene
Concen: 51.09 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

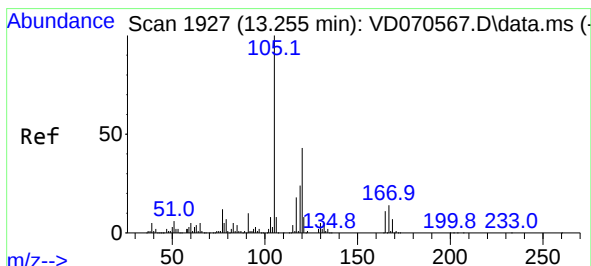
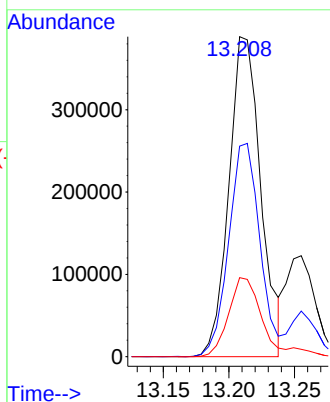
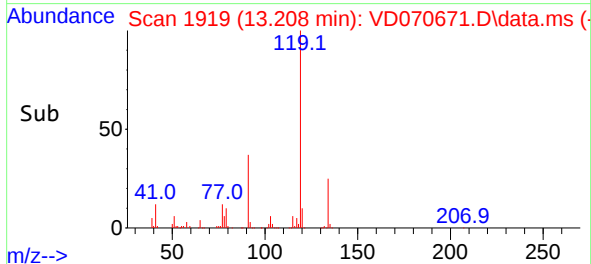
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



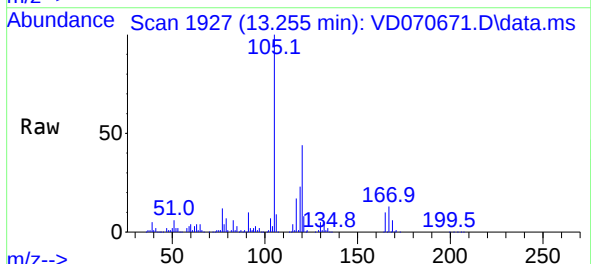
Tgt Ion:119 Resp: 659092
Ion Ratio Lower Upper
119 100
91 65.0 33.1 99.3
134 26.6 13.2 39.5

Manual Integrations
APPROVED

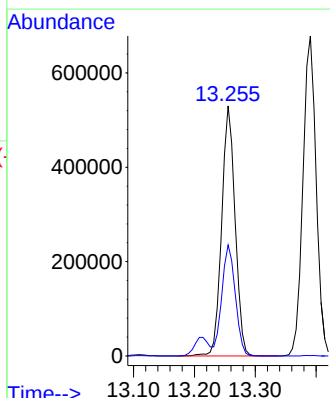
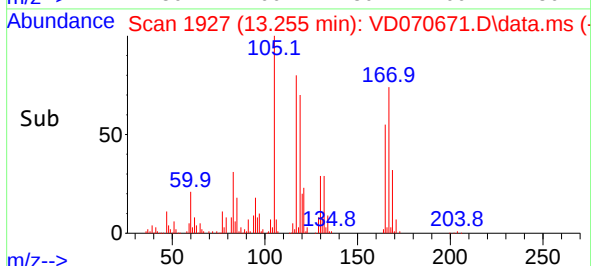
MMDadoda
10/15/2021 1:18:35 AM

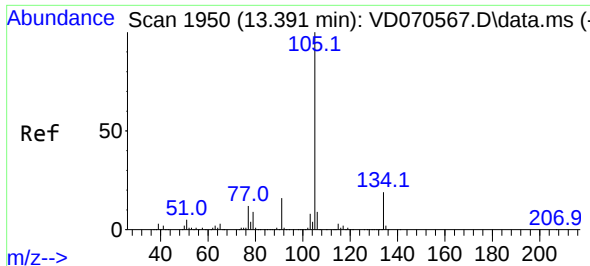


#84
1,2,4-Trimethylbenzene
Concen: 52.30 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



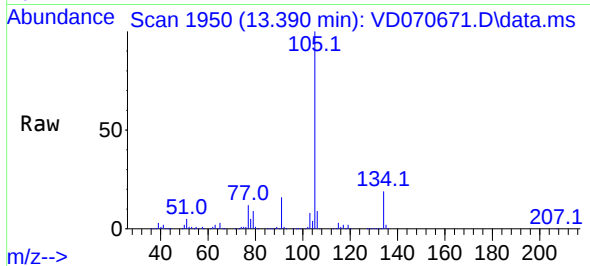
Tgt Ion:105 Resp: 812193
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.8





#85
sec-Butylbenzene
Concen: 51.05 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

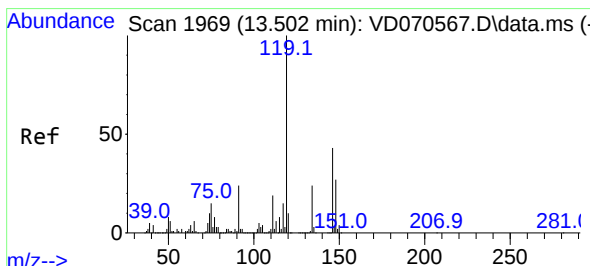
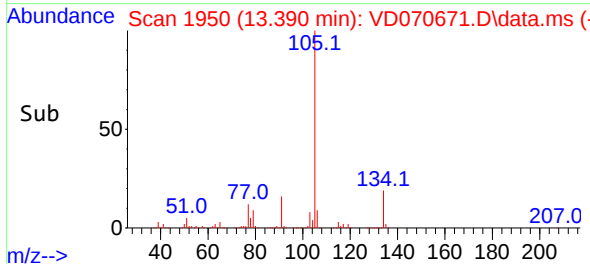
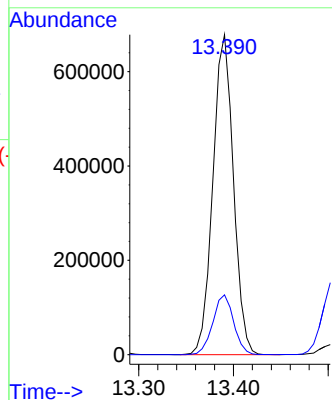
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



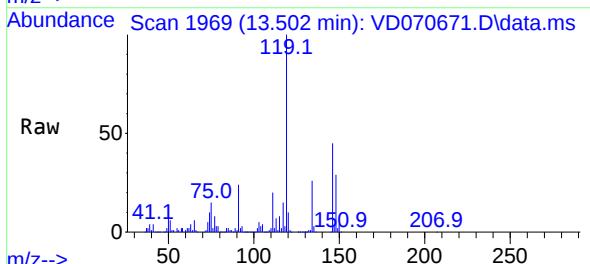
Tgt Ion:105 Resp: 1020948
Ion Ratio Lower Upper
105 100
134 19.0 9.3 28.0

Manual Integrations
APPROVED

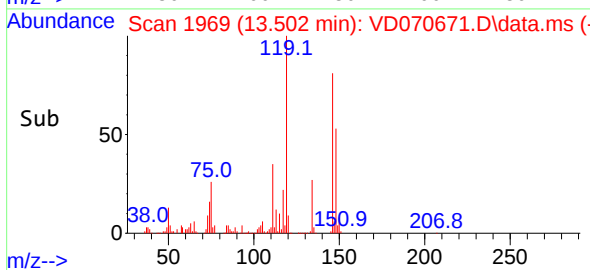
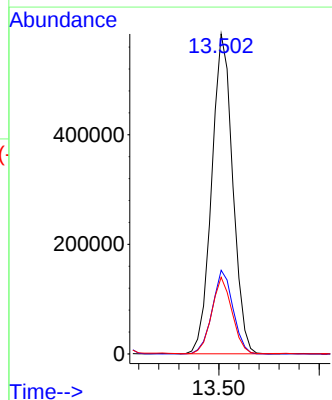
MMDadoda
10/15/2021 1:18:35 AM

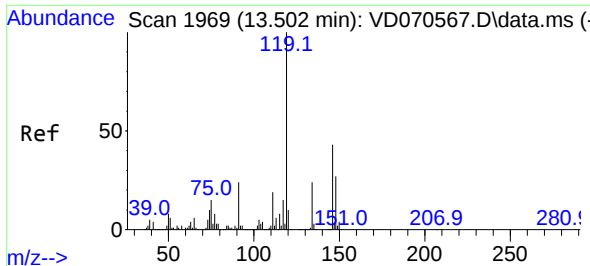


#86
p-Isopropyltoluene
Concen: 51.95 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



Tgt Ion:119 Resp: 848509
Ion Ratio Lower Upper
119 100
134 25.9 12.5 37.5
91 23.0 11.9 35.5





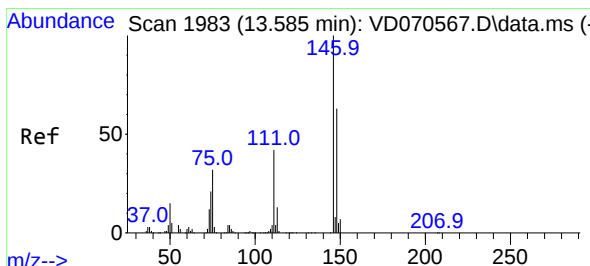
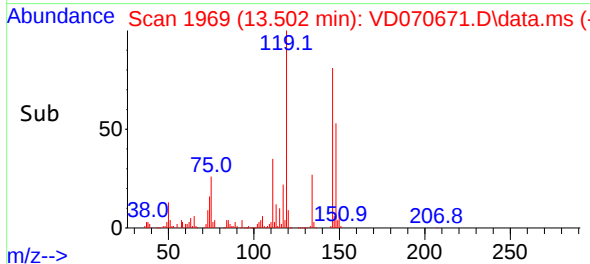
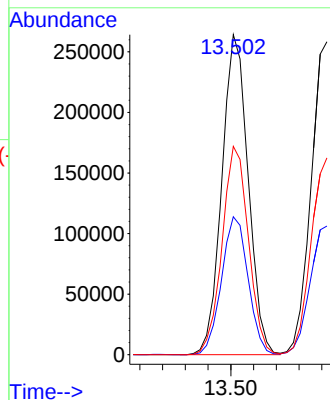
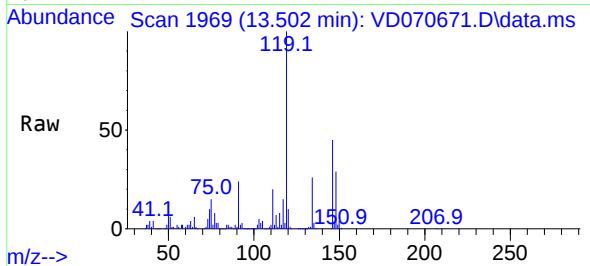
#87
1,3-Dichlorobenzene
Concen: 49.46 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion:146 Resp: 424953
Ion Ratio Lower Upper
146 100
111 43.6 21.4 64.2
148 65.3 31.8 95.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

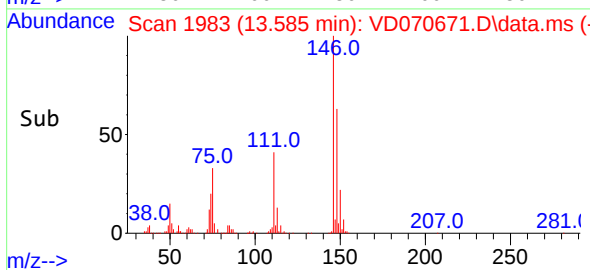
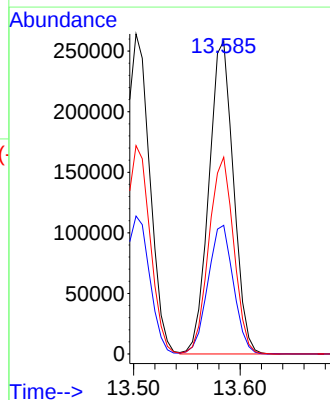
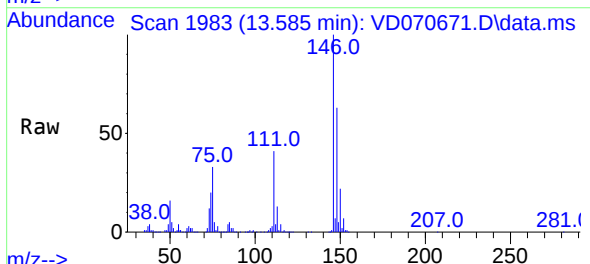
Manual Integrations
APPROVED

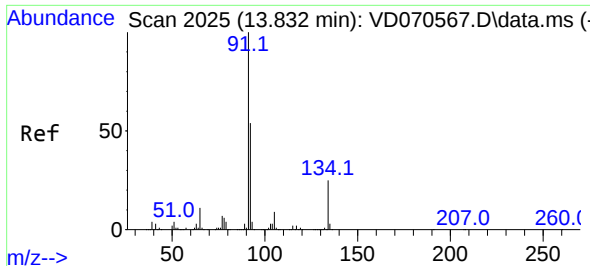
MMDadoda
10/15/2021 1:18:35 AM



#88
1,4-Dichlorobenzene
Concen: 48.72 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

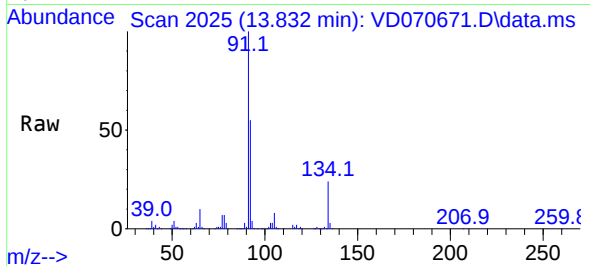
Tgt Ion:146 Resp: 415028
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.4
148 63.7 31.6 94.8





#89
n-Butylbenzene
Concen: 51.00 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

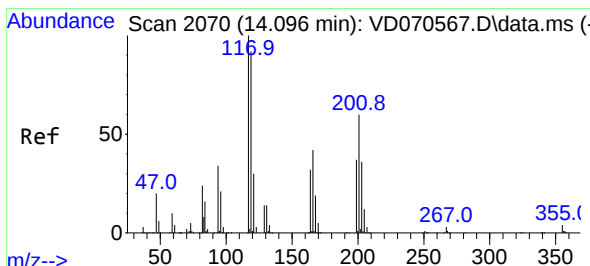
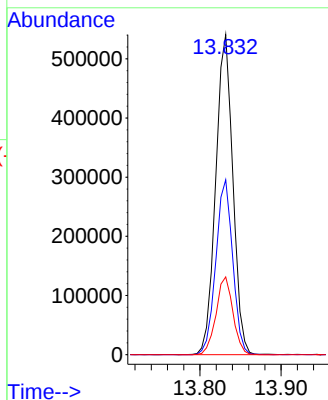
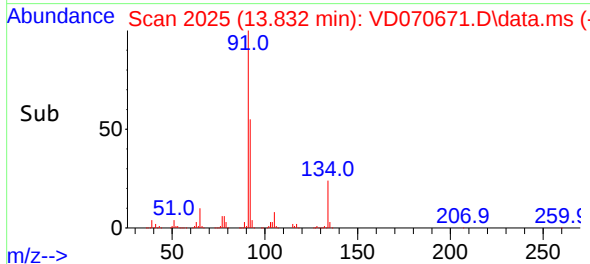
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



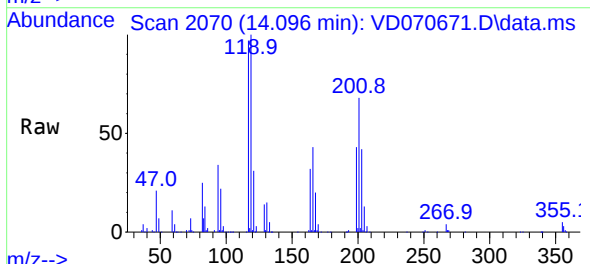
Tgt Ion: 91 Resp: 795320
Ion Ratio Lower Upper
91 100
92 53.7 26.8 80.4
134 24.0 12.2 36.4

Manual Integrations
APPROVED

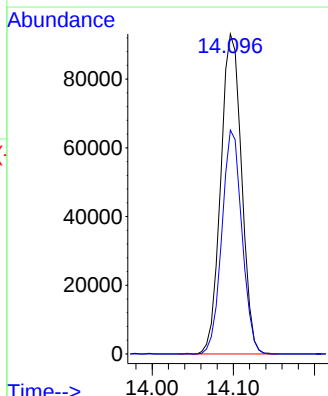
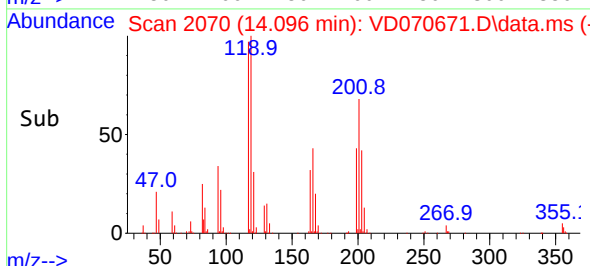
MMDadoda
10/15/2021 1:18:35 AM

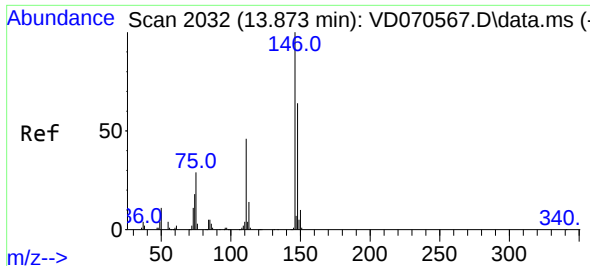


#90
Hexachloroethane
Concen: 47.02 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



Tgt Ion: 117 Resp: 166043
Ion Ratio Lower Upper
117 100
201 67.4 31.9 95.9





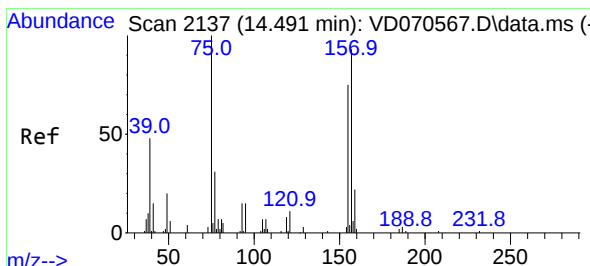
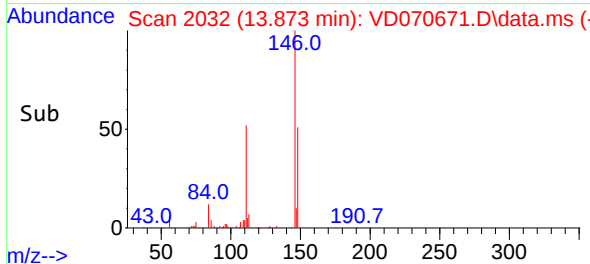
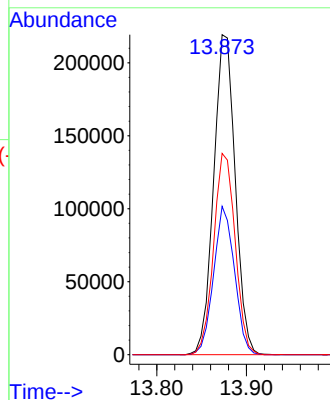
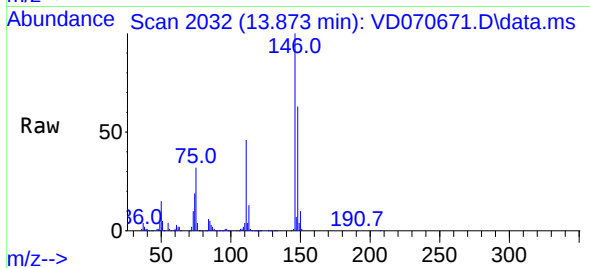
#91
1,2-Dichlorobenzene
Concen: 49.96 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

Tgt Ion: 146 Resp: 366042
Ion Ratio Lower Upper
146 100
111 44.9 22.8 68.4
148 62.9 32.4 97.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

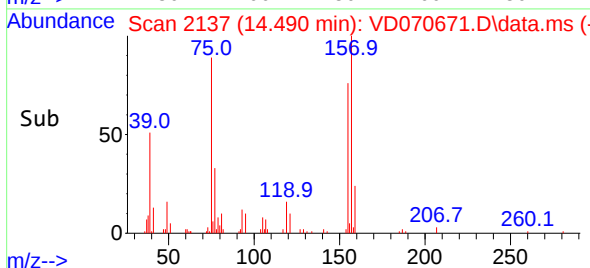
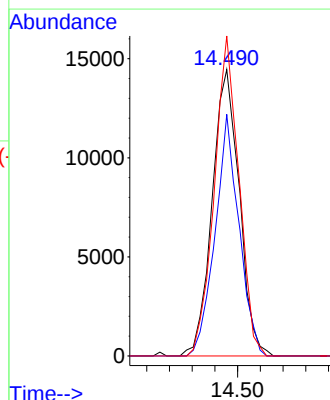
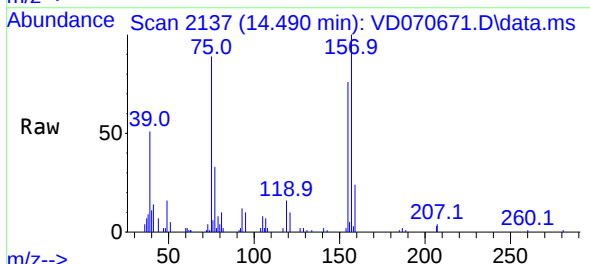
Manual Integrations
APPROVED

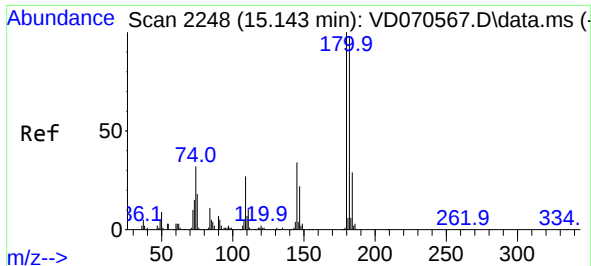
MMDadoda
10/15/2021 1:18:35 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.41 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

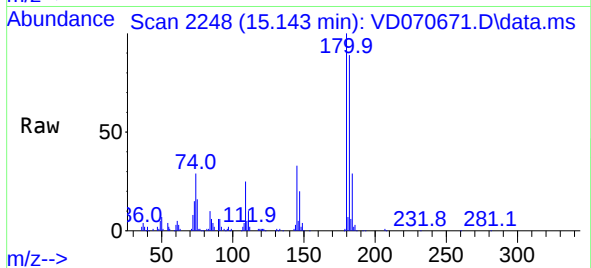
Tgt Ion: 75 Resp: 23977
Ion Ratio Lower Upper
75 100
155 74.5 38.1 114.5
157 101.4 47.6 142.9





#93
1,2,4-Trichlorobenzene
Concen: 51.19 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

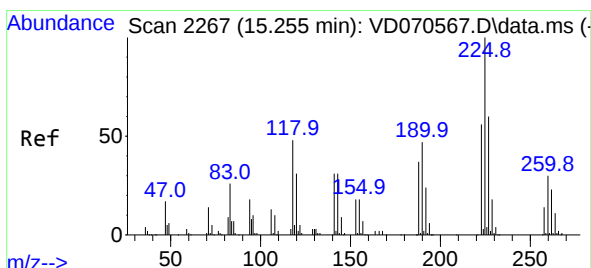
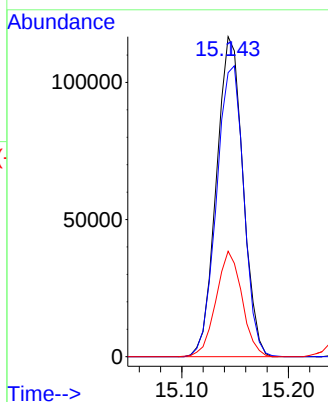
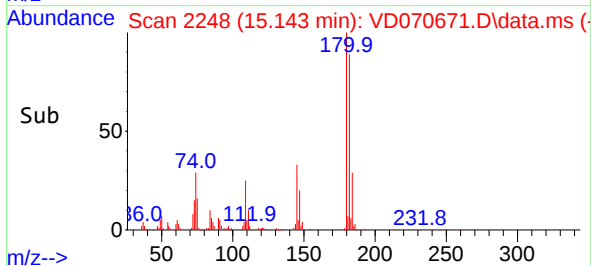
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



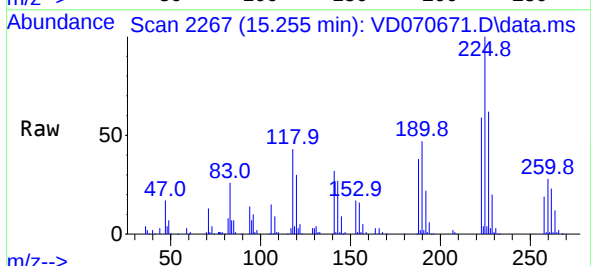
Tgt Ion:180 Resp: 201907
Ion Ratio Lower Upper
180 100
182 93.3 47.5 142.5
145 32.2 16.9 50.7

Manual Integrations
APPROVED

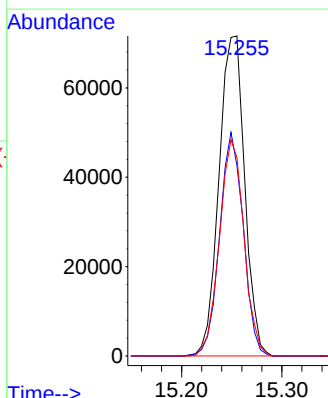
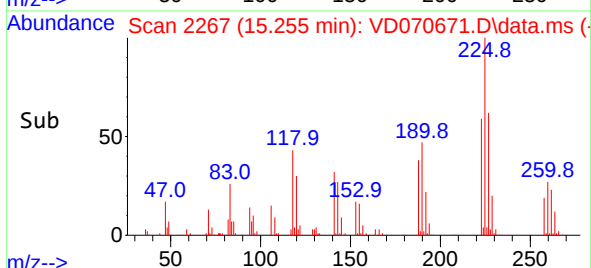
MMDadoda
10/15/2021 1:18:35 AM

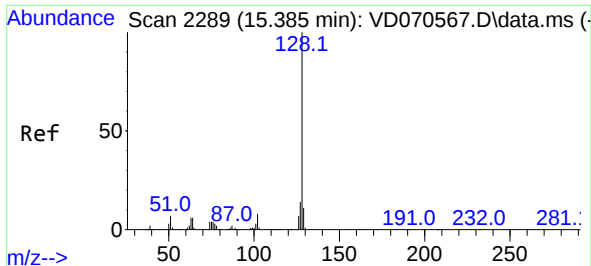


#94
Hexachlorobutadiene
Concen: 51.17 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06

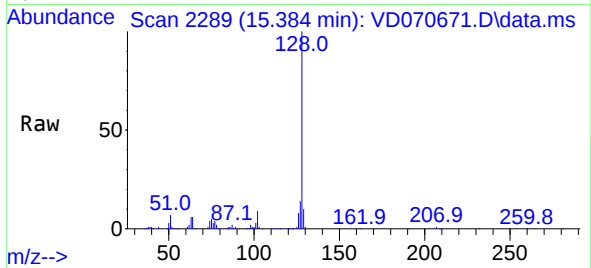


Tgt Ion:225 Resp: 127538
Ion Ratio Lower Upper
225 100
223 64.0 31.2 93.6
227 64.3 32.2 96.6

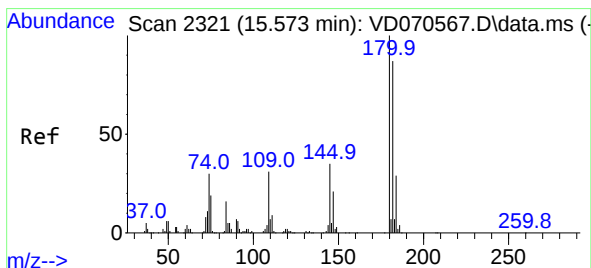
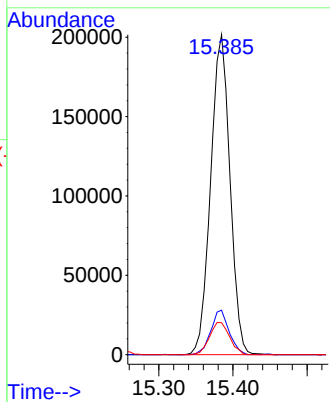
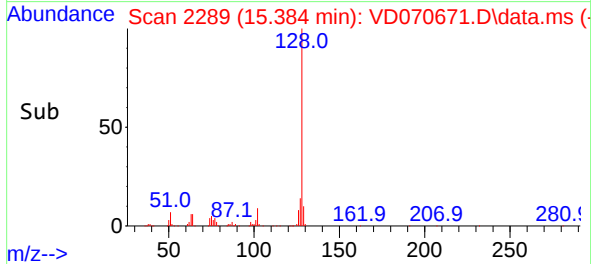




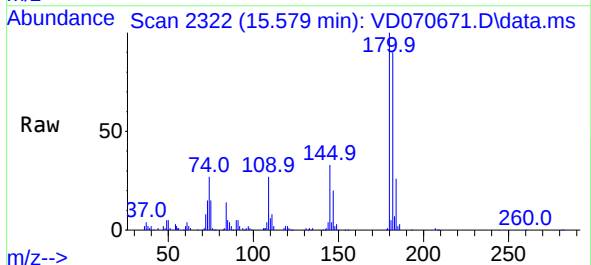
#95
Naphthalene
Concen: 45.95 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



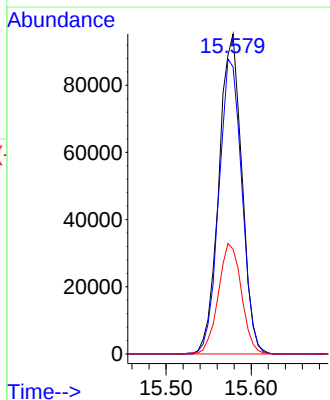
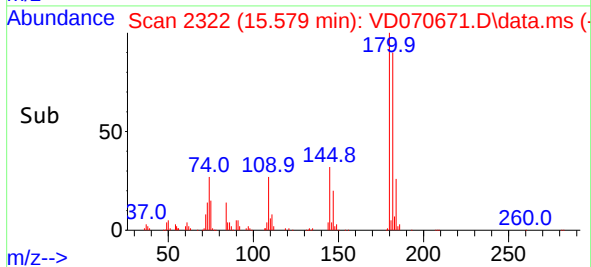
Tgt Ion:128 Resp: 364136
Ion Ratio Lower Upper
128 100
127 13.3 10.9 16.3
129 10.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.21 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD070671.D
Acq: 12 Oct 2021 11:06



Tgt Ion:180 Resp: 177920
Ion Ratio Lower Upper
180 100
182 92.3 46.2 138.5
145 34.9 17.1 51.3



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/15/2021 1:18:35 AM