

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
 Data File : VD068420.D
 Acq On : 23 Feb 2021 12:26
 Operator : VA/SY
 Sample : VD0223SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/24/2021 1:35:21 PM

Quant Time: Feb 23 14:04:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	396468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	666803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	603170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	277198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	203488	50.20	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.40%			
35) Dibromofluoromethane	7.914	113	210969	53.30	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.60%			
50) Toluene-d8	10.344	98	852044	51.94	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.88%			
62) 4-Bromofluorobenzene	12.632	95	275404	51.54	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	75796	20.86	ug/l	99
3) Chloromethane	2.209	50	87372	20.20	ug/l	97
4) Vinyl Chloride	2.344	62	108430	20.94	ug/l	100
5) Bromomethane	2.756	94	78747	21.28	ug/l	97
6) Chloroethane	2.921	64	72531	21.45	ug/l	91
7) Trichlorofluoromethane	3.268	101	138392	21.72	ug/l	95
8) Diethyl Ether	3.715	74	39263	20.98	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	86051	22.19	ug/l	95
10) Methyl Iodide	4.303	142	75450	20.72	ug/l	93
11) Tert butyl alcohol	5.220	59	22662	111.52	ug/l #	87
12) 1,1-Dichloroethene	4.073	96	80516	21.35	ug/l	98
13) Acrolein	3.921	56	17674	76.06	ug/l	94
14) Allyl chloride	4.721	41	95208	19.42	ug/l	96
15) Acrylonitrile	5.426	53	81912	101.40	ug/l	99
16) Acetone	4.162	43	62811	100.45	ug/l	100
17) Carbon Disulfide	4.409	76	223594	20.47	ug/l	99
18) Methyl Acetate	4.715	43	32237	18.78	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	177831	20.90	ug/l	97
20) Methylene Chloride	4.968	84	104081	22.27	ug/l	96
21) trans-1,2-Dichloroethene	5.468	96	92521	21.20	ug/l	95
22) Diisopropyl ether	6.367	45	220770	20.35	ug/l	95
23) Vinyl Acetate	6.303	43	561122	100.17	ug/l	97
24) 1,1-Dichloroethane	6.267	63	154757	20.85	ug/l	96
25) 2-Butanone	7.209	43	87329	99.88	ug/l	95
26) 2,2-Dichloropropane	7.209	77	132505	20.87	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	106491	21.47	ug/l	97
28) Bromochloromethane	7.550	49	60271	19.58	ug/l	87
29) Tetrahydrofuran	7.562	42	55280	97.74	ug/l	99
30) Chloroform	7.709	83	166541	21.57	ug/l	100
31) Cyclohexane	7.985	56	134533	21.23	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	144425	21.65	ug/l	96
36) 1,1-Dichloropropene	8.109	75	130108	22.06	ug/l	96
37) Ethyl Acetate	7.297	43	43340	21.74	ug/l	95
38) Carbon Tetrachloride	8.091	117	122325	21.74	ug/l	93
39) Methylcyclohexane	9.356	83	155958	21.55	ug/l	99
40) Benzene	8.350	78	365793	21.74	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
 Data File : VD068420.D
 Acq On : 23 Feb 2021 12:26
 Operator : VA/SY
 Sample : VD0223SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/24/2021 1:35:21 PM

Quant Time: Feb 23 14:04:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	20560	17.92	ug/l #	85
42) 1,2-Dichloroethane	8.426	62	97017	21.62	ug/l	99
43) Isopropyl Acetate	8.456	43	80574	21.11	ug/l	98
44) Trichloroethene	9.114	130	103495	22.60	ug/l	98
45) 1,2-Dichloropropane	9.391	63	88305	21.51	ug/l	92
46) Dibromomethane	9.479	93	48240	21.66	ug/l	96
47) Bromodichloromethane	9.667	83	128677	22.28	ug/l	99
48) Methyl methacrylate	9.456	41	38541	20.23	ug/l #	85
49) 1,4-Dioxane	9.456	88	11794	453.23	ug/l	90
51) 4-Methyl-2-Pentanone	10.232	43	206043	105.10	ug/l	100
52) Toluene	10.403	92	243407	22.50	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	120389	22.53	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	140939	21.58	ug/l	98
55) 1,1,2-Trichloroethane	10.803	97	69316	22.53	ug/l	97
56) Ethyl methacrylate	10.661	69	76814	21.04	ug/l	97
57) 1,3-Dichloropropane	10.950	76	117492	21.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	195793	100.16	ug/l	94
59) 2-Hexanone	10.985	43	141285	106.61	ug/l	99
60) Dibromochloromethane	11.138	129	85405	22.37	ug/l	100
61) 1,2-Dibromoethane	11.244	107	66722	22.44	ug/l	98
64) Tetrachloroethene	10.879	164	84766	22.84	ug/l	97
65) Chlorobenzene	11.673	112	256261	22.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	92873	22.95	ug/l	97
67) Ethyl Benzene	11.744	91	458987	22.07	ug/l	98
68) m/p-Xylenes	11.855	106	354379	45.09	ug/l	98
69) o-Xylene	12.179	106	165395	22.94	ug/l	94
70) Styrene	12.197	104	278583	22.21	ug/l	99
71) Bromoform	12.361	173	46753	22.49	ug/l #	97
73) Isopropylbenzene	12.479	105	446641	22.06	ug/l	100
74) N-amyl acetate	12.285	43	74537	20.85	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	78857	22.47	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	44682m	16.94	ug/l	
77) Bromobenzene	12.761	156	99703	22.04	ug/l	92
78) n-propylbenzene	12.820	91	536520	22.14	ug/l	97
79) 2-Chlorotoluene	12.908	91	291575	21.72	ug/l	97
80) 1,3,5-Trimethylbenzene	12.961	105	368410	22.27	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	23031	21.89	ug/l	97
82) 4-Chlorotoluene	13.002	91	310823	21.90	ug/l	99
83) tert-Butylbenzene	13.220	119	323965	22.57	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	364382	22.11	ug/l	98
85) sec-Butylbenzene	13.402	105	442085	22.02	ug/l	99
86) p-Isopropyltoluene	13.514	119	403945	22.41	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	194879	22.27	ug/l	99
88) 1,4-Dichlorobenzene	13.597	146	192166	22.07	ug/l	98
89) n-Butylbenzene	13.844	91	384828	21.88	ug/l	98
90) Hexachloroethane	14.108	117	70696	21.61	ug/l	94
91) 1,2-Dichlorobenzene	13.891	146	166761	21.98	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	10881	21.21	ug/l	92
93) 1,2,4-Trichlorobenzene	15.161	180	111773	22.49	ug/l	98
94) Hexachlorobutadiene	15.267	225	63681	23.30	ug/l	100
95) Naphthalene	15.396	128	204500	22.13	ug/l	100
96) 1,2,3-Trichlorobenzene	15.591	180	96487	22.26	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
Data File : VD068420.D
Acq On : 23 Feb 2021 12:26
Operator : VA/SY
Sample : VD0223SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

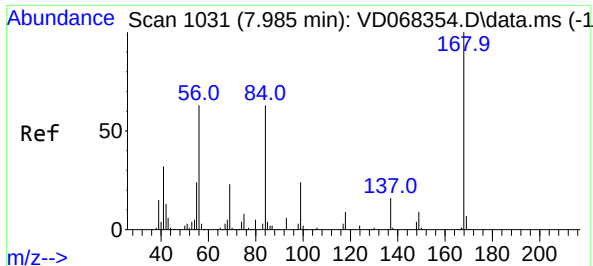
Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:21 PM

Quant Time: Feb 23 14:04:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

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

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



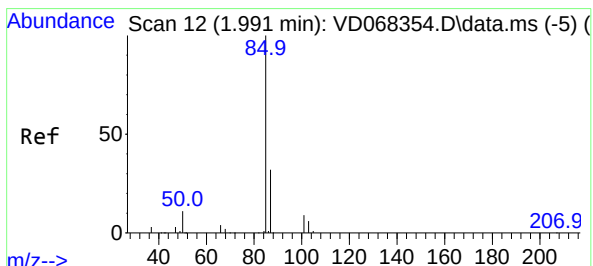
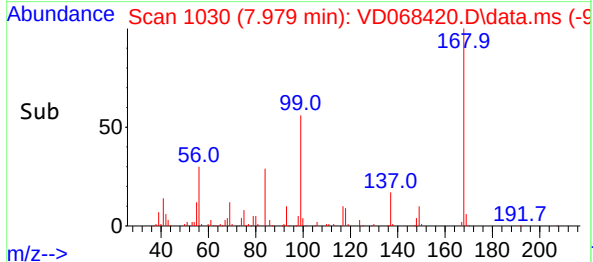
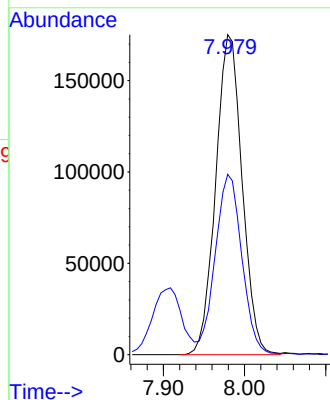
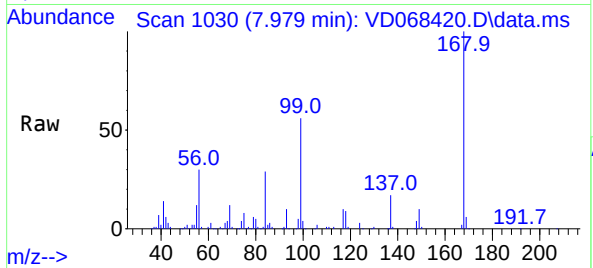
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 168 Resp: 396468
Ion Ratio Lower Upper
168 100
99 56.1 43.5 65.3

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

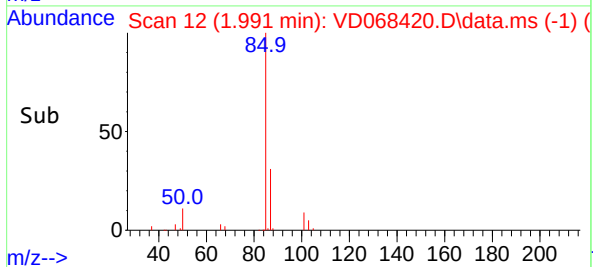
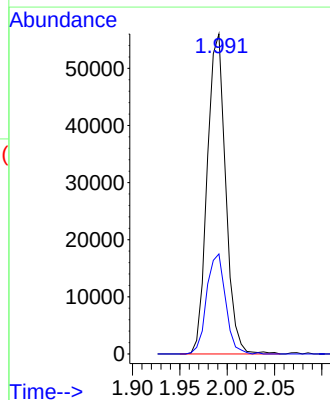
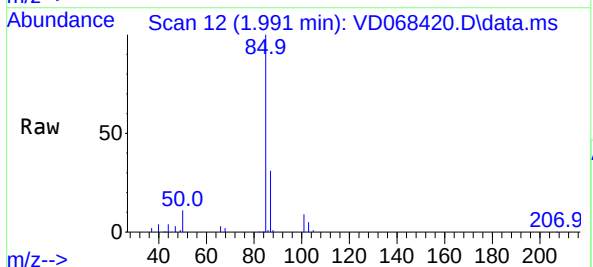
Manual Integrations
APPROVED

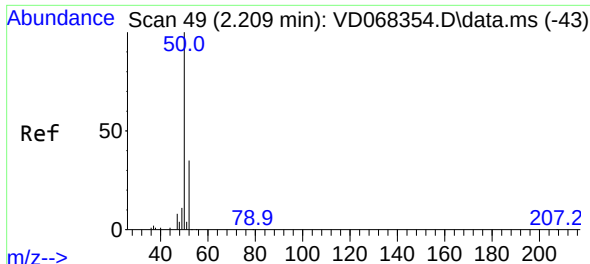
MMDadoda
2/24/2021 1:35:21 PM



#2
Dichlorodifluoromethane
Concen: 20.86 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 85 Resp: 75796
Ion Ratio Lower Upper
85 100
87 31.3 15.4 46.1





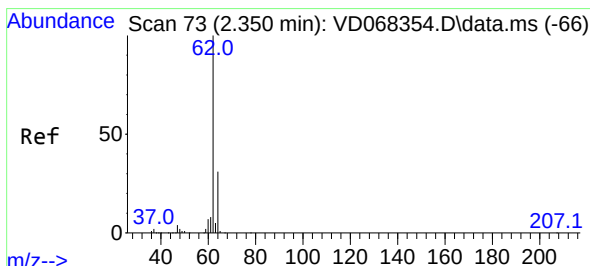
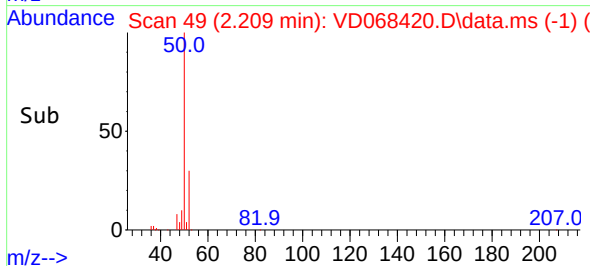
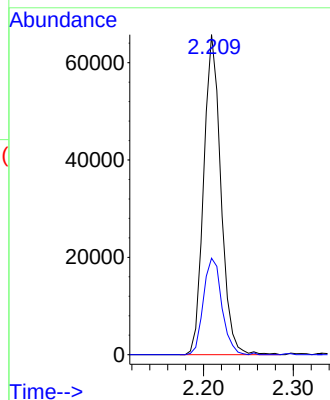
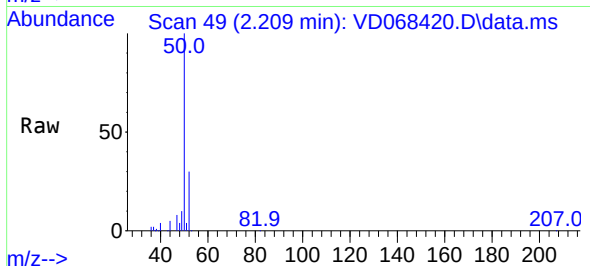
#3
Chloromethane
Concen: 20.20 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 50 Resp: 87372
Ion Ratio Lower Upper
50 100
52 30.1 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

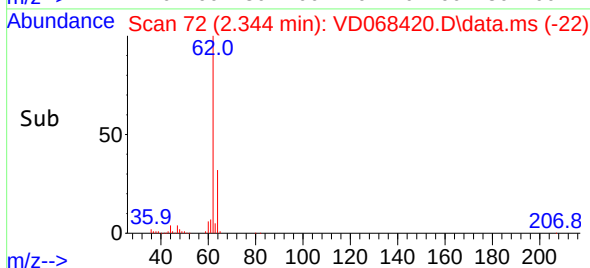
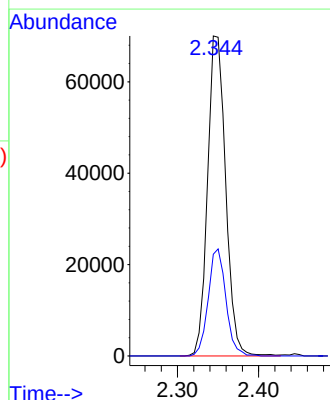
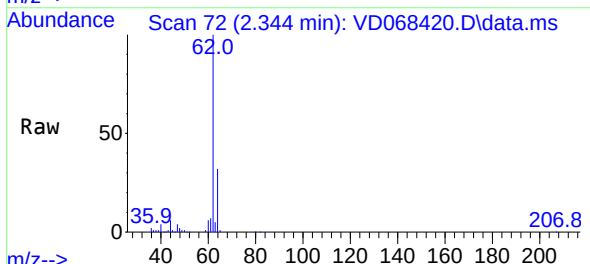
Manual Integrations
APPROVED

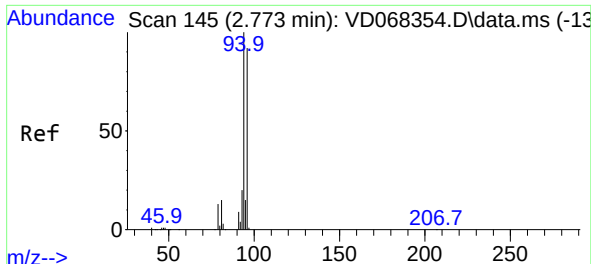
MMDadoda
2/24/2021 1:35:21 PM



#4
Vinyl Chloride
Concen: 20.94 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 62 Resp: 108430
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2





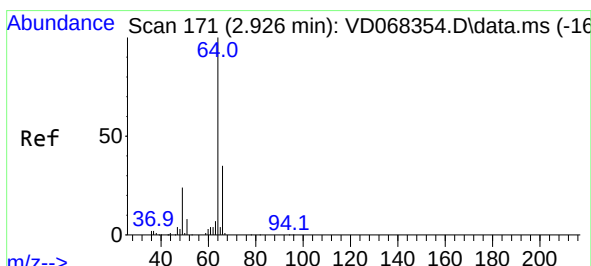
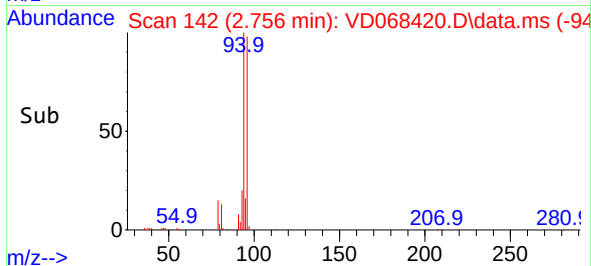
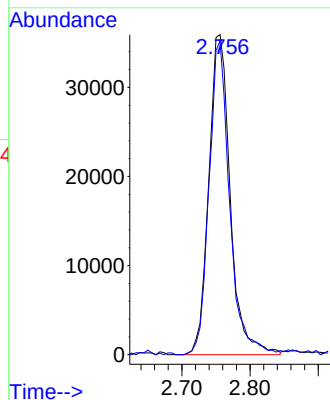
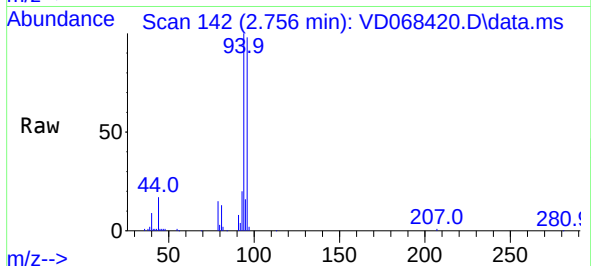
#5
Bromomethane
Concen: 21.28 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.018 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 94 Resp: 78747
Ion Ratio Lower Upper
94 100
96 98.0 75.8 113.8

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

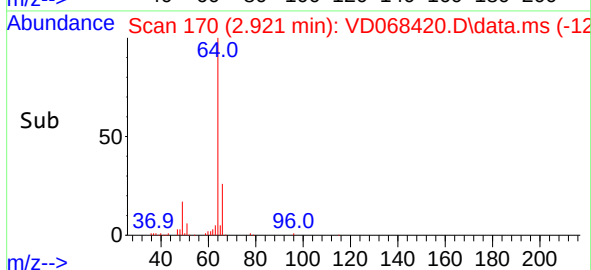
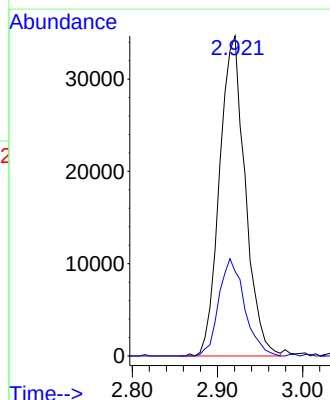
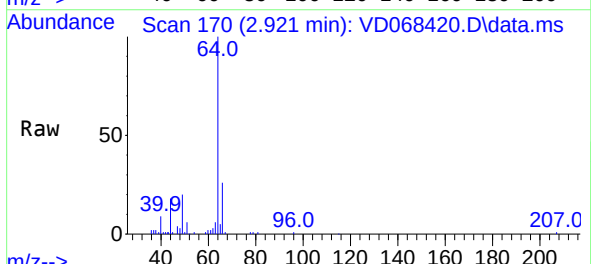
Manual Integrations
APPROVED

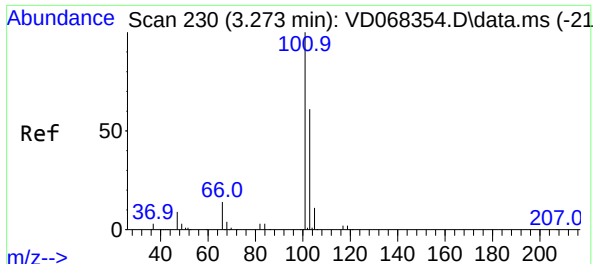
MMDadoda
2/24/2021 1:35:21 PM



#6
Chloroethane
Concen: 21.45 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 64 Resp: 72531
Ion Ratio Lower Upper
64 100
66 26.4 25.1 37.7





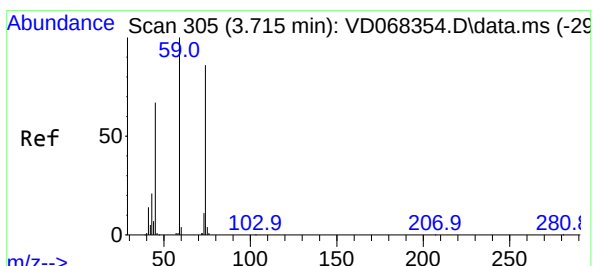
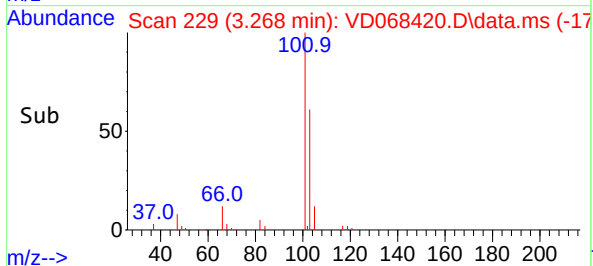
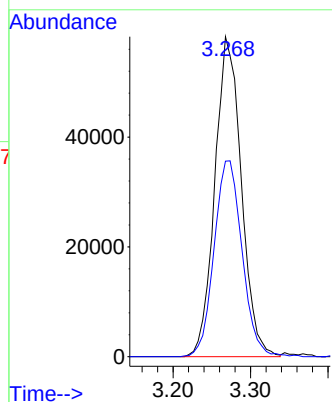
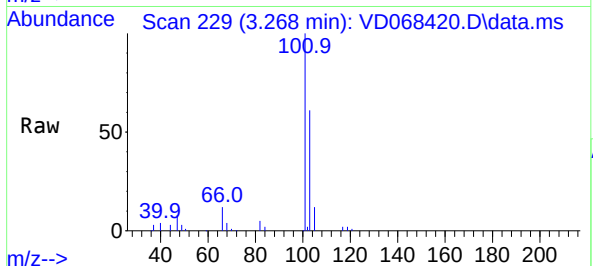
#7
Trichlorofluoromethane
Concen: 21.72 ug/l
RT: 3.268 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion:101 Resp: 138392
Ion Ratio Lower Upper
101 100
103 61.1 52.0 78.0

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

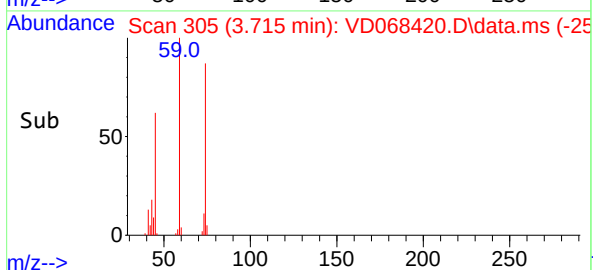
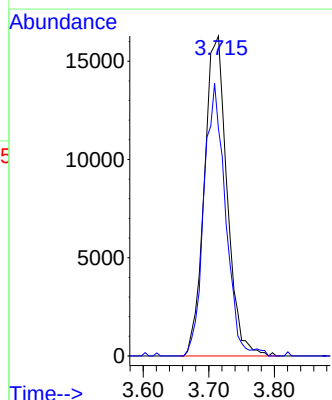
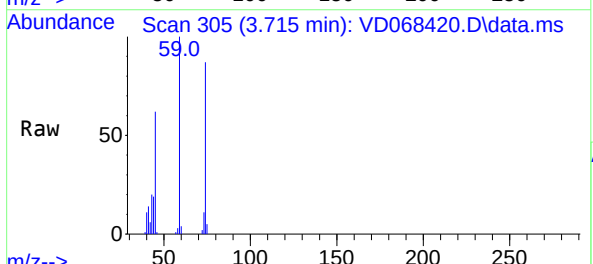
Manual Integrations
APPROVED

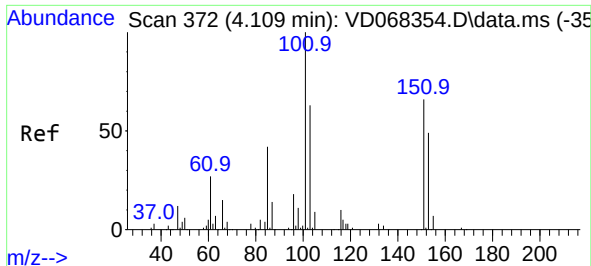
MMDadoda
2/24/2021 1:35:21 PM



#8
Diethyl Ether
Concen: 20.98 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 74 Resp: 39263
Ion Ratio Lower Upper
74 100
45 80.2 42.1 126.4





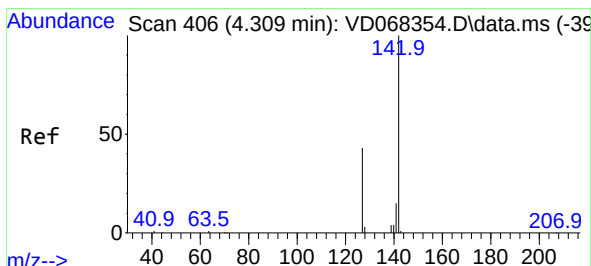
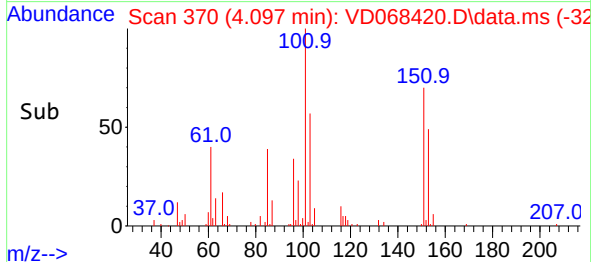
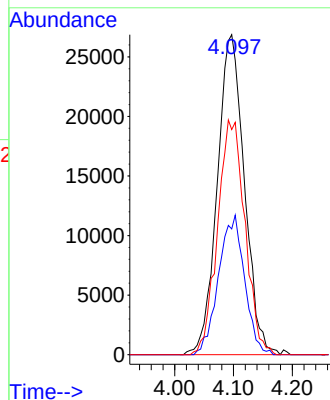
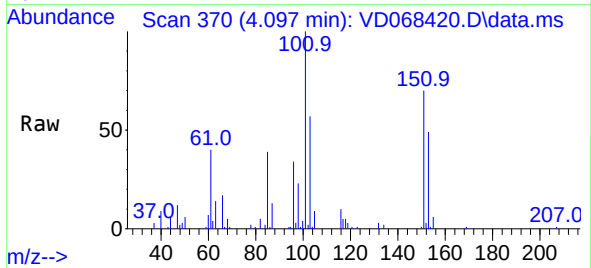
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.19 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.012 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion:101 Resp: 86051
Ion Ratio Lower Upper
101 100
85 41.8 34.0 51.0
151 74.0 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

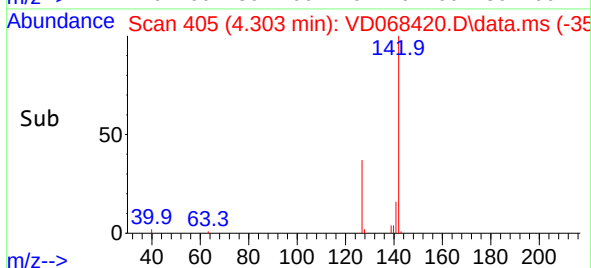
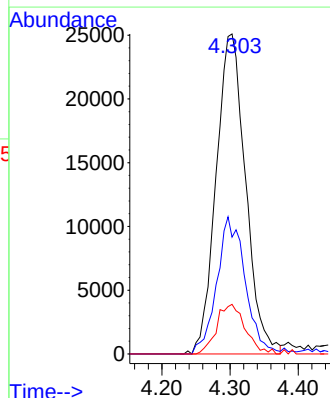
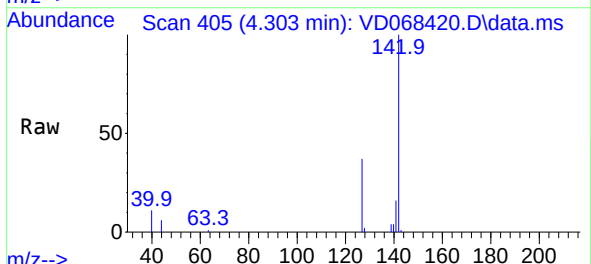
Manual Integrations
APPROVED

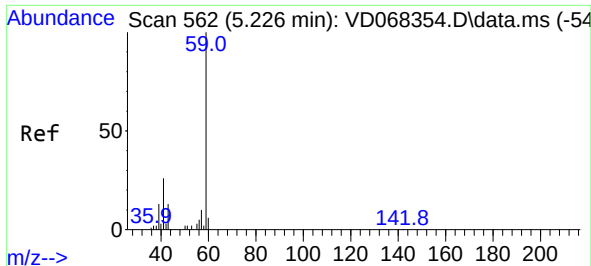
MMDadoda
2/24/2021 1:35:21 PM



#10
Methyl Iodide
Concen: 20.72 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion:142 Resp: 75450
Ion Ratio Lower Upper
142 100
127 41.2 37.9 56.9
141 15.0 11.5 17.3





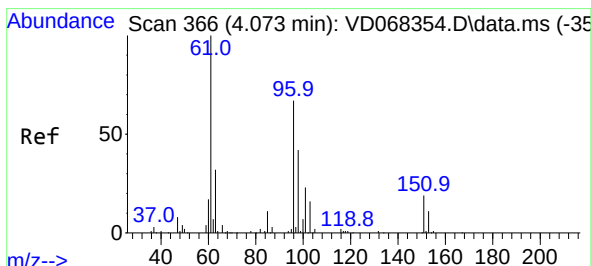
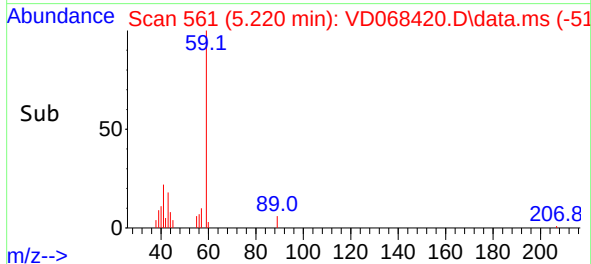
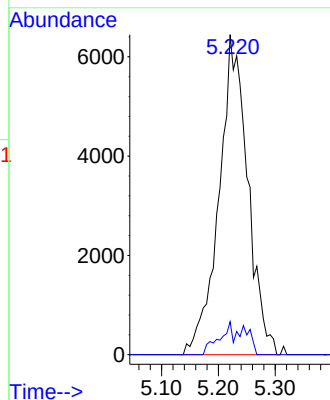
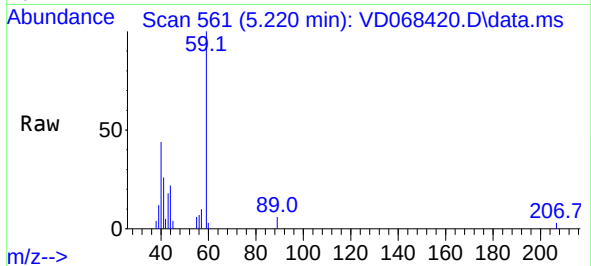
#11
Tert butyl alcohol
Concen: 111.52 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 59 Resp: 22662
Ion Ratio Lower Upper
59 100
57 4.7 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

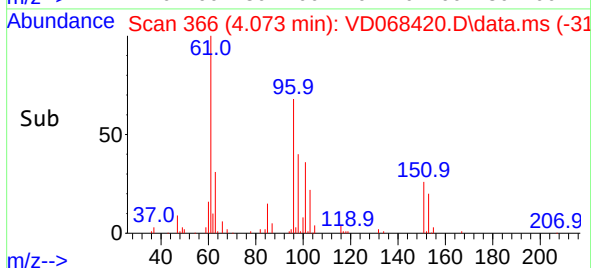
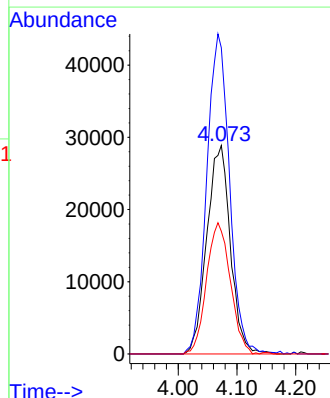
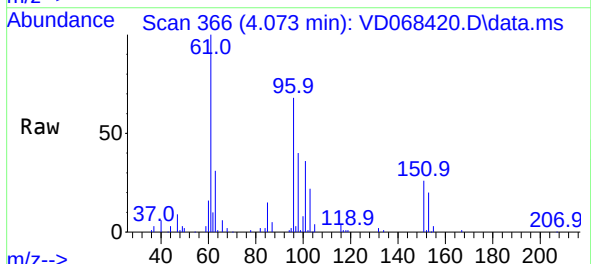
Manual Integrations
APPROVED

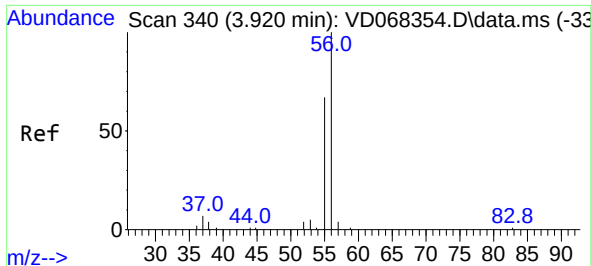
MMDadoda
2/24/2021 1:35:21 PM



#12
1,1-Dichloroethene
Concen: 21.35 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

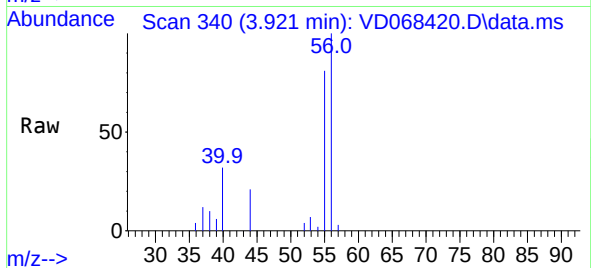
Tgt Ion: 96 Resp: 80516
Ion Ratio Lower Upper
96 100
61 147.0 116.2 174.4
98 58.9 48.6 73.0



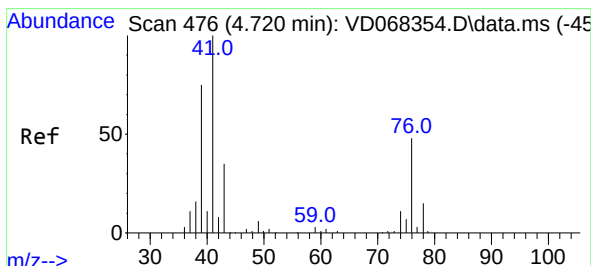
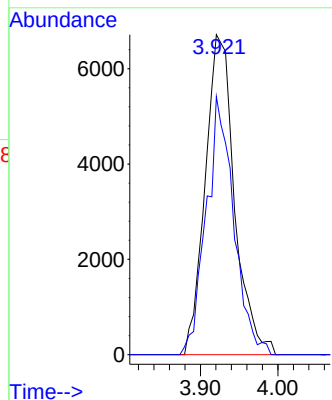
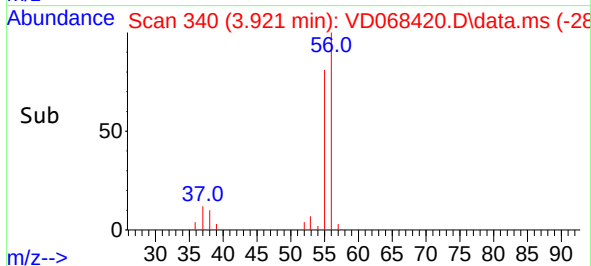


#13
Acrolein
Concen: 76.06 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

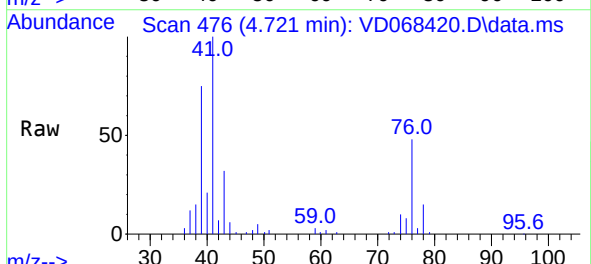
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01



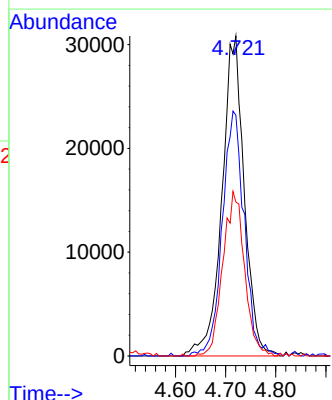
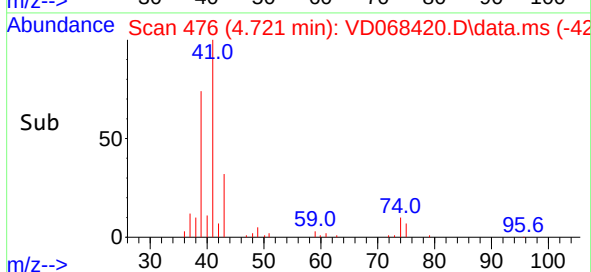
Tgt Ion: 56 Resp: 17674
Ion Ratio Lower Upper
56 100
55 75.6 56.5 84.7

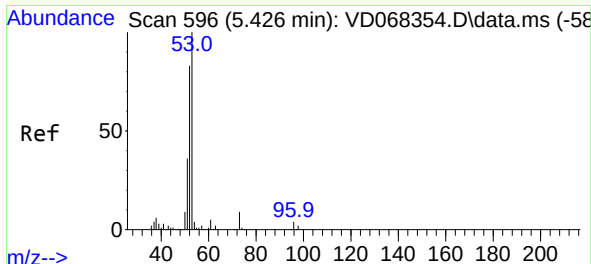


#14
Allyl chloride
Concen: 19.42 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



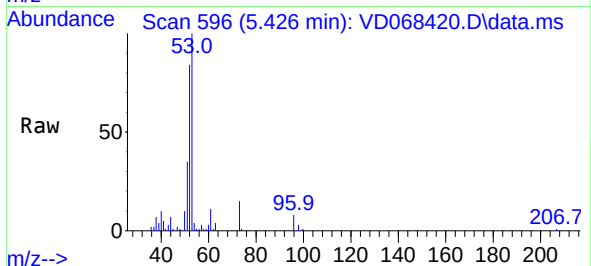
Tgt Ion: 41 Resp: 95208
Ion Ratio Lower Upper
41 100
39 75.4 56.3 84.5
76 49.9 38.9 58.3





#15
Acrylonitrile
Concen: 101.40 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

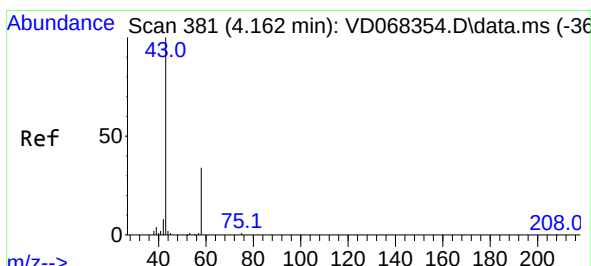
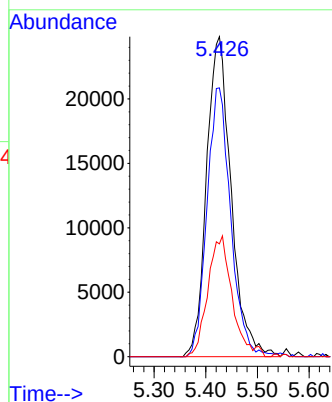
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01



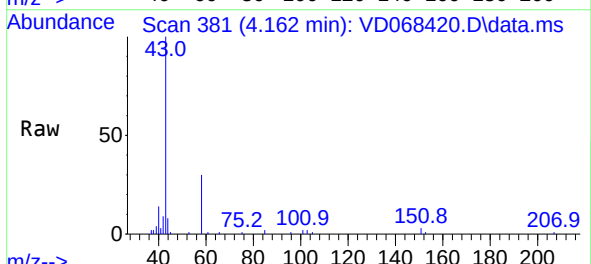
Tgt Ion:	53	Resp:	81912
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.2	99.2
51	36.7	29.0	43.4

Manual Integrations
APPROVED

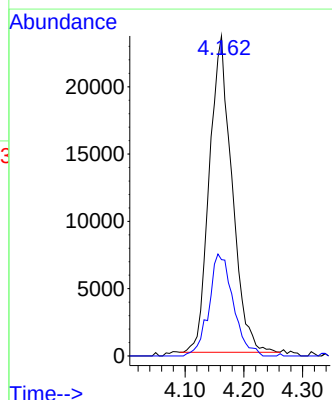
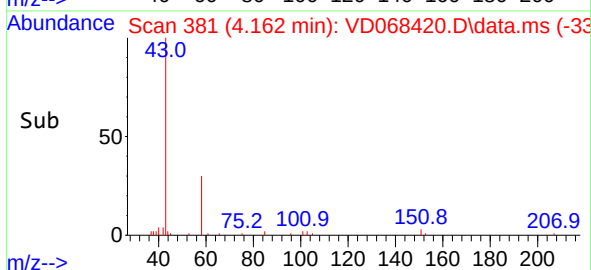
MMDadoda
2/24/2021 1:35:21 PM

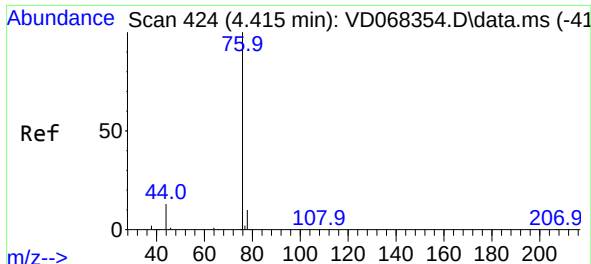


#16
Acetone
Concen: 100.45 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



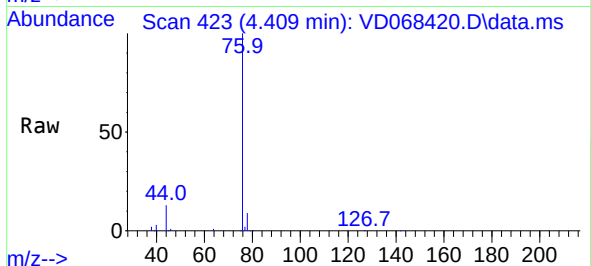
Tgt Ion:	43	Resp:	62811
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.2	36.4





#17
Carbon Disulfide
Concen: 20.47 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

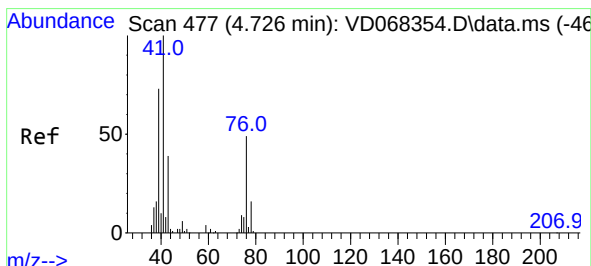
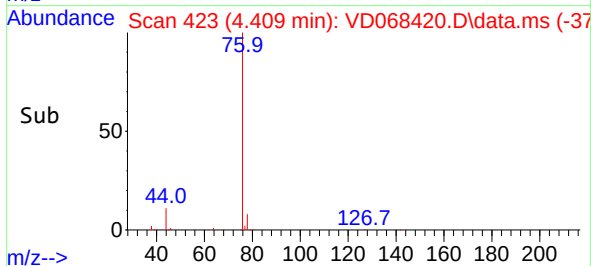
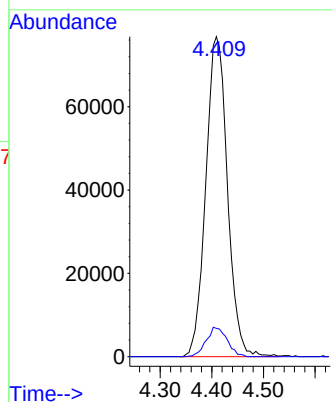
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01



Tgt Ion: 76 Resp: 223594
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

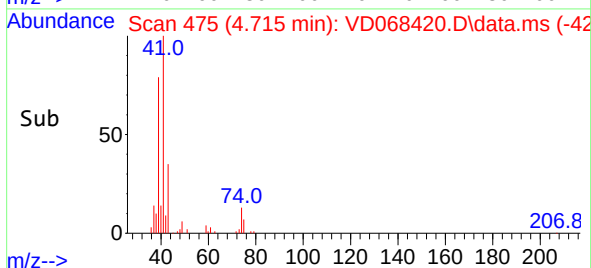
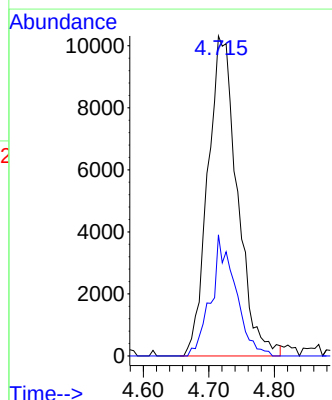
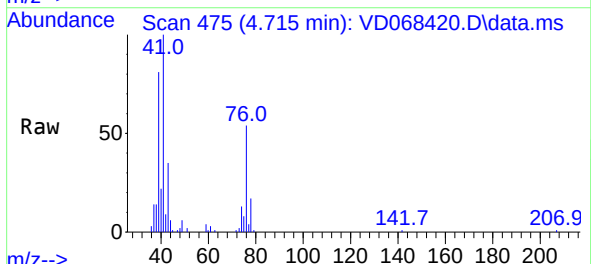
Manual Integrations
APPROVED

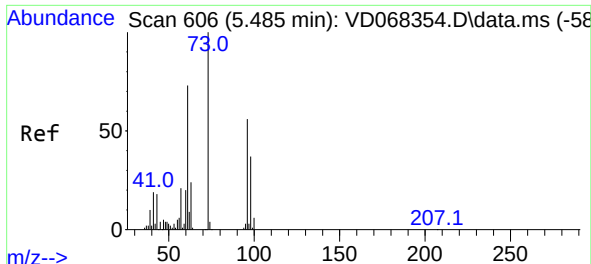
MMDadoda
2/24/2021 1:35:21 PM



#18
Methyl Acetate
Concen: 18.78 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.012 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 43 Resp: 32237
Ion Ratio Lower Upper
43 100
74 31.4 25.4 38.0





#19

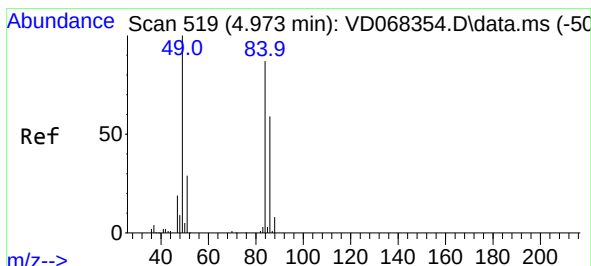
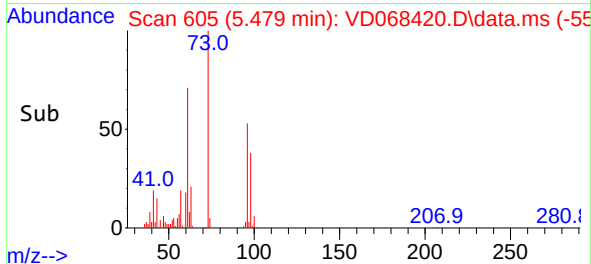
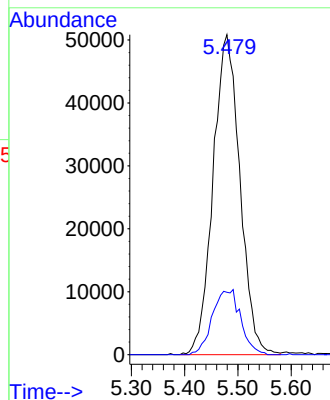
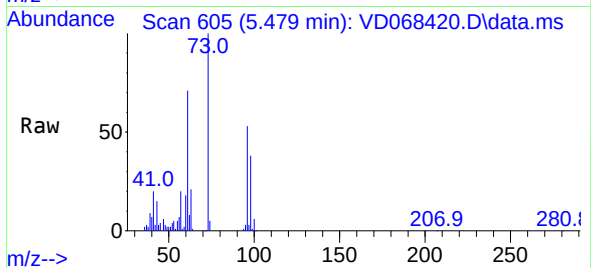
Methyl tert-butyl Ether
Concen: 20.90 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 73 Resp: 177831
Ion Ratio Lower Upper
73 100
57 19.5 14.4 21.6

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

Manual Integrations
APPROVED

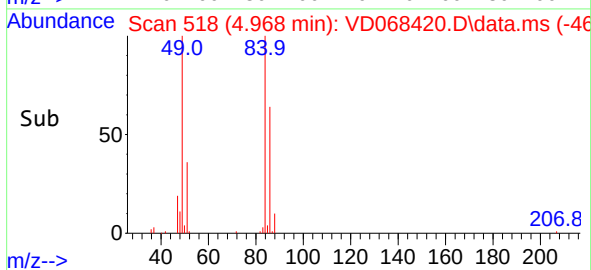
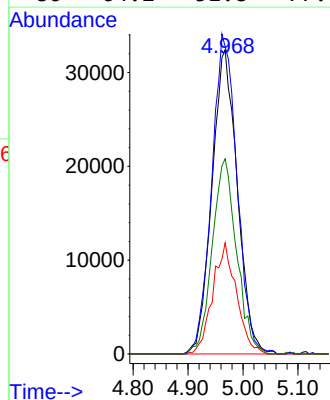
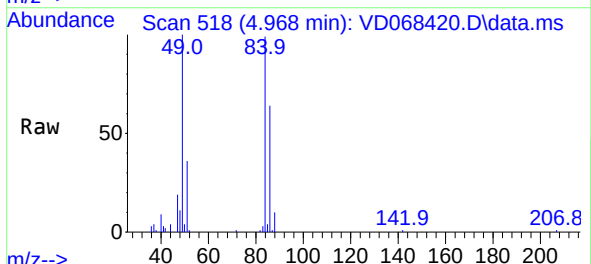
MMDadoda
2/24/2021 1:35:21 PM

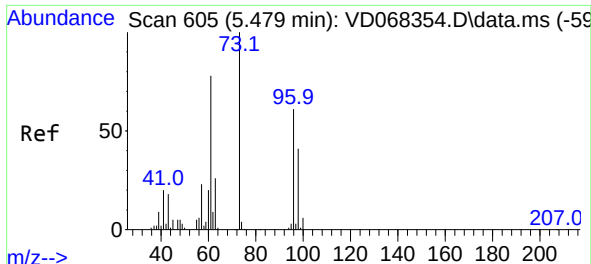


#20

Methylene Chloride
Concen: 22.27 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

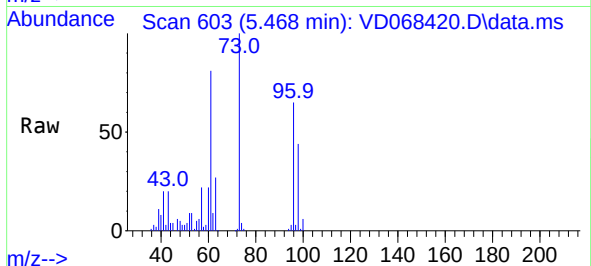
Tgt Ion: 84 Resp: 104081
Ion Ratio Lower Upper
84 100
49 101.0 77.4 116.2
51 36.6 26.1 39.1
86 64.2 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 21.20 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.012 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

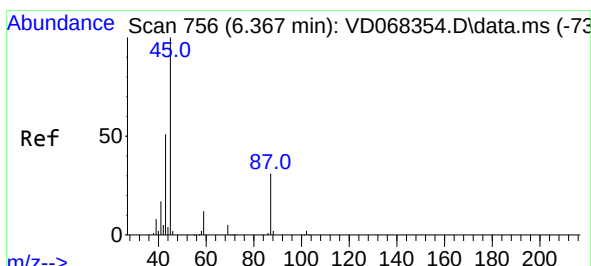
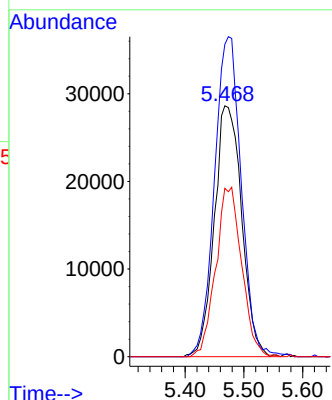
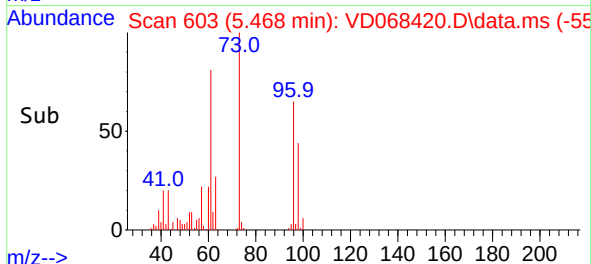
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01



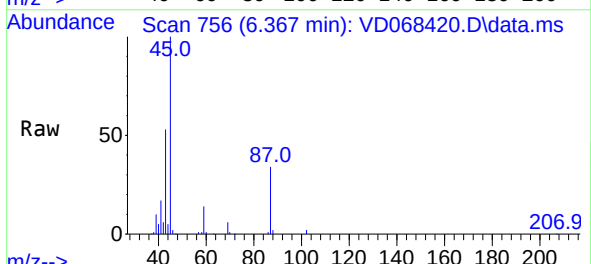
Tgt Ion: 96 Resp: 92521
Ion Ratio Lower Upper
96 100
61 124.5 96.7 145.1
98 67.1 47.6 71.4

Manual Integrations
APPROVED

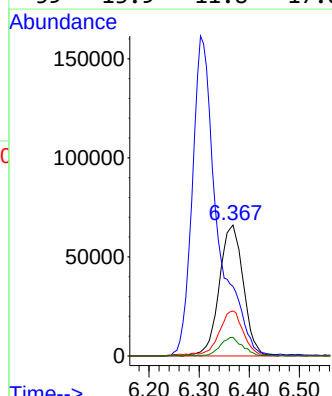
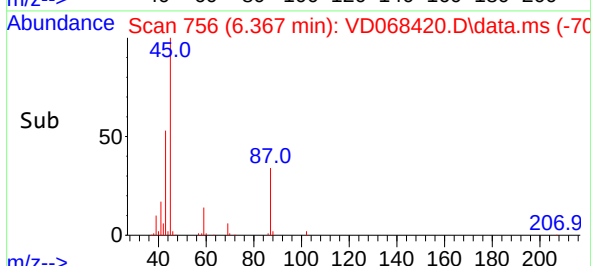
MMDadoda
2/24/2021 1:35:21 PM

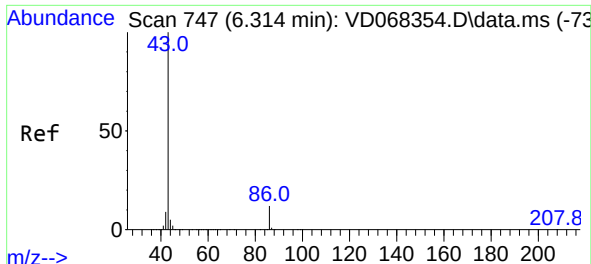


#22
Diisopropyl ether
Concen: 20.35 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



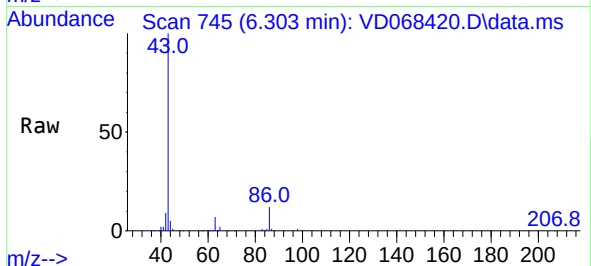
Tgt Ion: 45 Resp: 220770
Ion Ratio Lower Upper
45 100
43 51.7 43.9 65.9
87 34.0 29.9 44.9
59 13.9 11.8 17.8





#23
 Vinyl Acetate
 Concen: 100.17 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.012 min
 Lab File: VD068420.D
 Acq: 23 Feb 2021 12:26

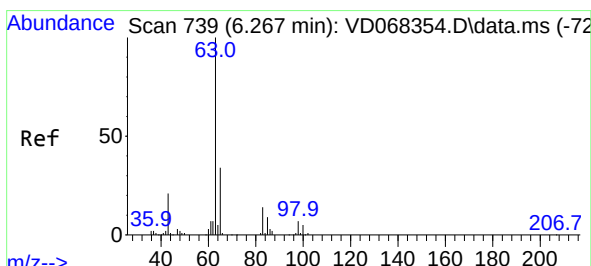
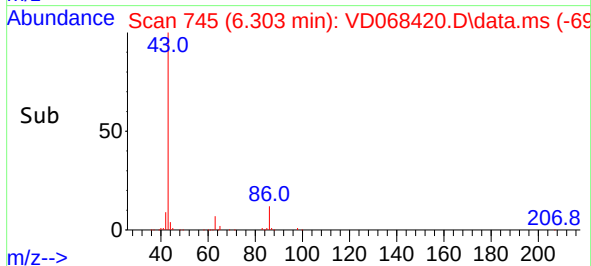
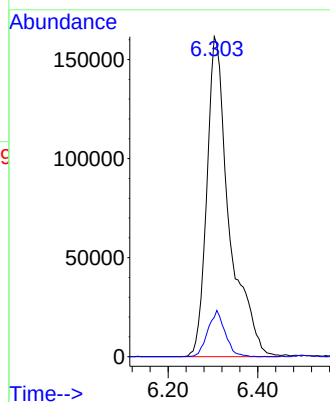
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0223SBS01



Tgt Ion: 43 Resp: 561122
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.8 16.2

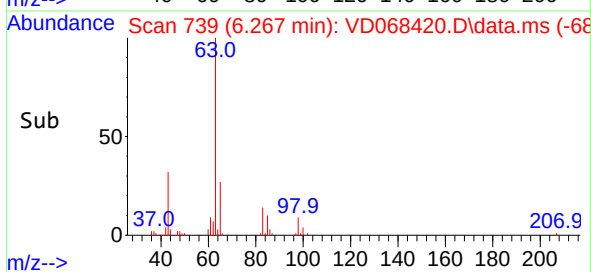
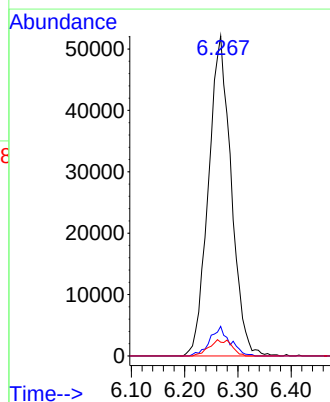
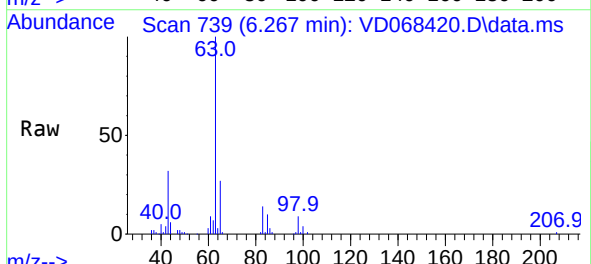
Manual Integrations
 APPROVED

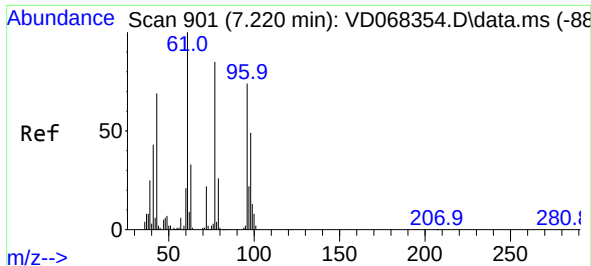
MMDadoda
 2/24/2021 1:35:21 PM



#24
 1,1-Dichloroethane
 Concen: 20.85 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD068420.D
 Acq: 23 Feb 2021 12:26

Tgt Ion: 63 Resp: 154757
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.8 11.4
 100 4.3 2.6 8.0





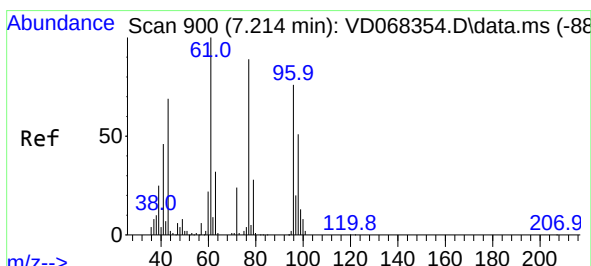
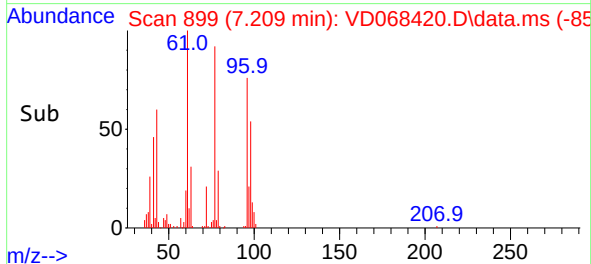
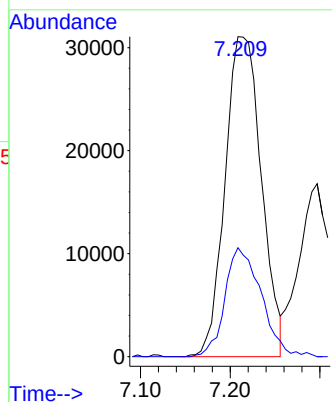
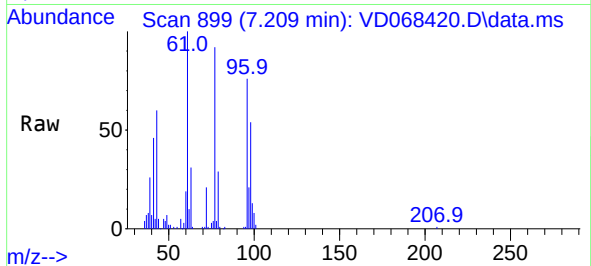
#25
2-Butanone
Concen: 99.88 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.012 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

Tgt Ion: 43 Resp: 87329
Ion Ratio Lower Upper
43 100
72 34.0 25.1 37.7

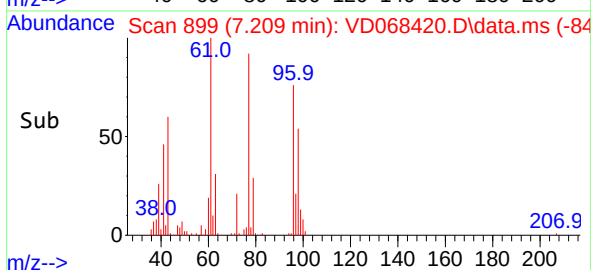
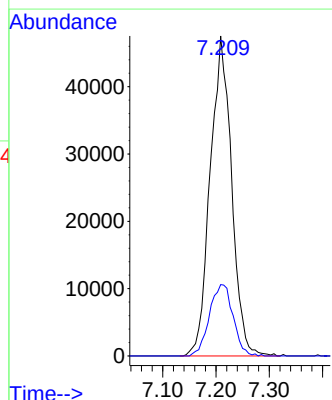
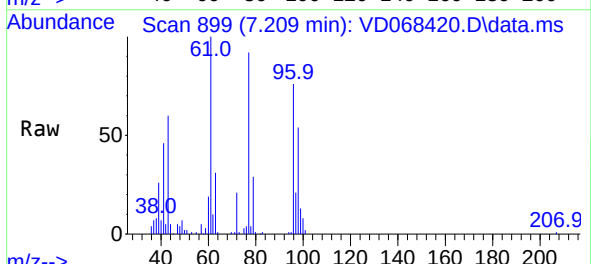
Manual Integrations
APPROVED

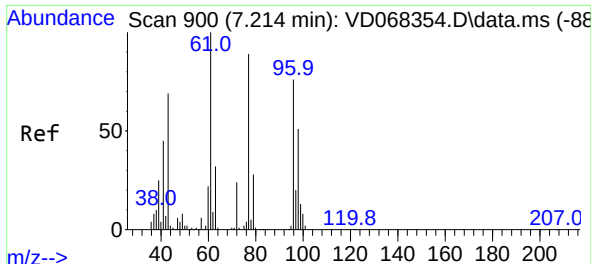
MMDadoda
2/24/2021 1:35:21 PM



#26
2,2-Dichloropropane
Concen: 20.87 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

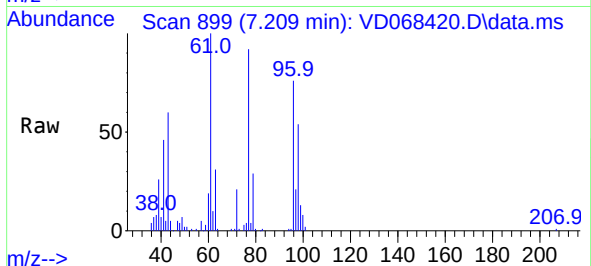
Tgt Ion: 77 Resp: 132505
Ion Ratio Lower Upper
77 100
97 24.6 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 21.47 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

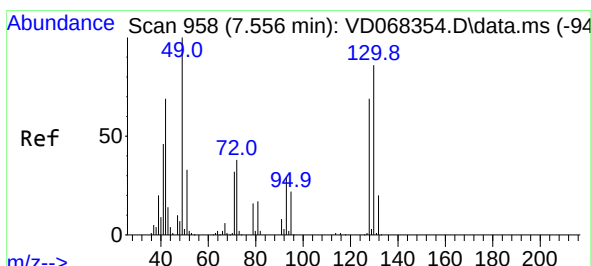
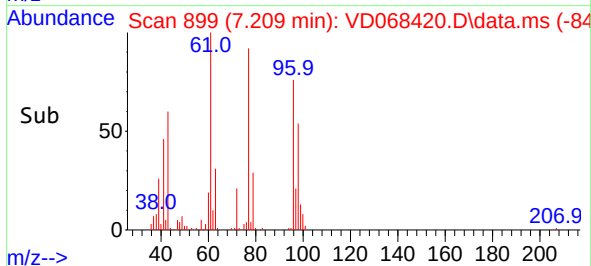
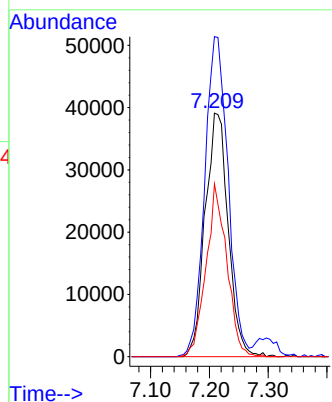
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01



Tgt Ion: 96 Resp: 106491
Ion Ratio Lower Upper
96 100
61 132.8 0.0 257.4
98 64.1 0.0 126.6

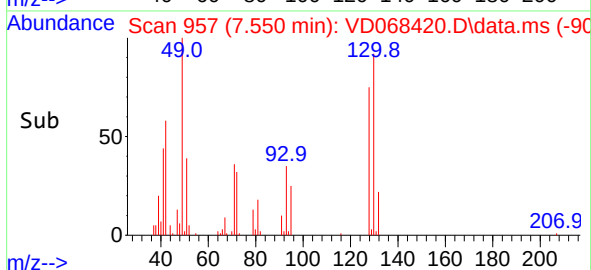
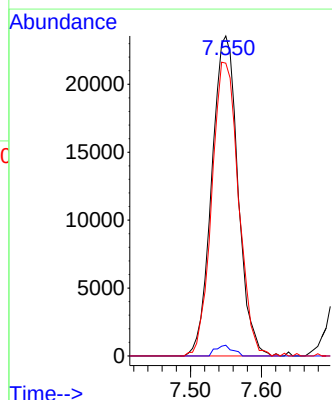
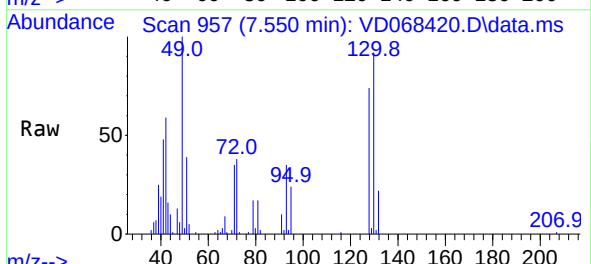
Manual Integrations
APPROVED

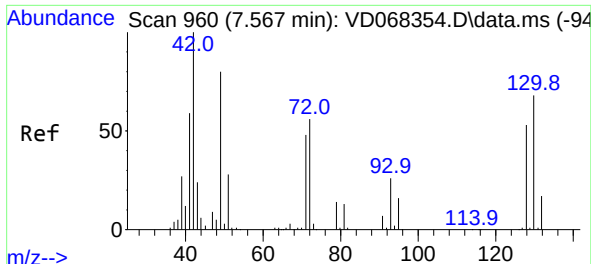
MMDadoda
2/24/2021 1:35:21 PM



#28
Bromochloromethane
Concen: 19.58 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 49 Resp: 60271
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 93.5 85.5 128.3





#29

Tetrahydrofuran

Concen: 97.74 ug/l

RT: 7.562 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD068420.D

Acq: 23 Feb 2021 12:26

Tgt Ion: 42 Resp: 55280

Ion Ratio Lower Upper

42 100

72 55.5 43.4 65.0

71 51.0 40.8 61.2

Instrument :

MSVOA_D

ClientSampleId :

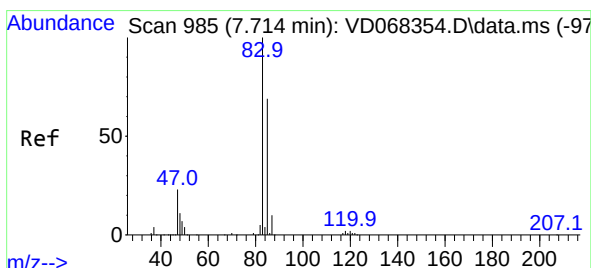
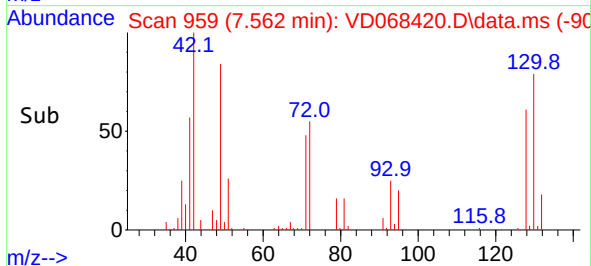
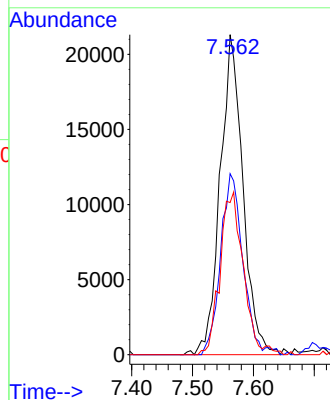
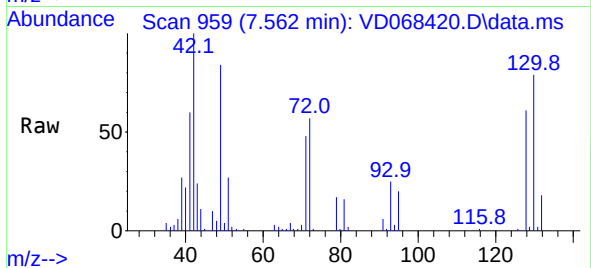
VD0223SBS01

Manual Integrations

APPROVED

MMDadoda

2/24/2021 1:35:21 PM



#30

Chloroform

Concen: 21.57 ug/l

RT: 7.709 min Scan# 984

Delta R.T. -0.006 min

Lab File: VD068420.D

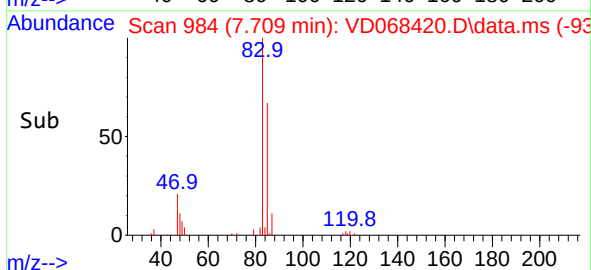
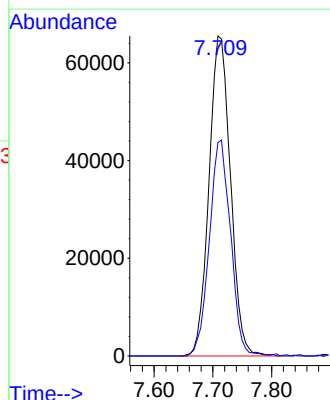
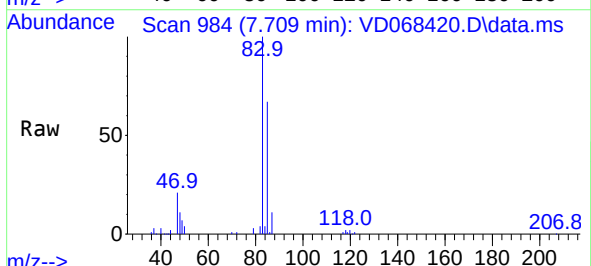
Acq: 23 Feb 2021 12:26

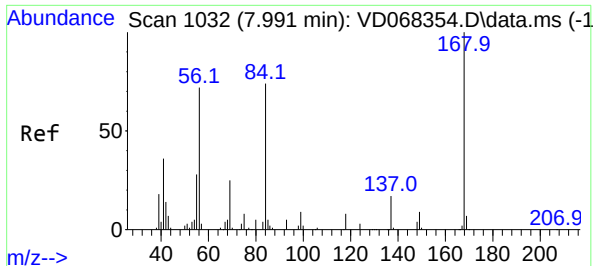
Tgt Ion: 83 Resp: 166541

Ion Ratio Lower Upper

83 100

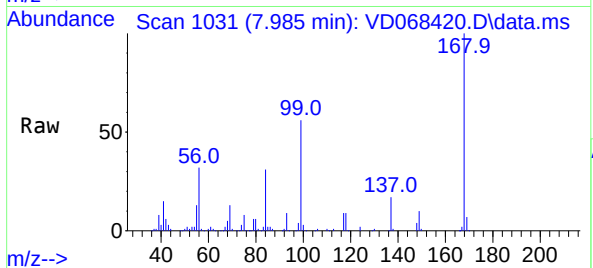
85 66.7 53.4 80.0





#31
Cyclohexane
Concen: 21.23 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

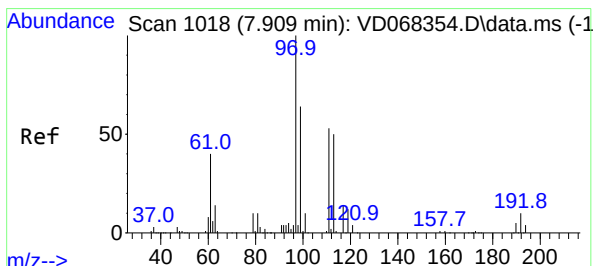
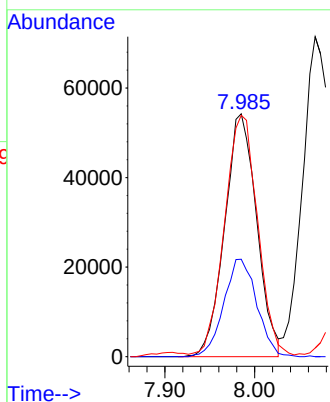
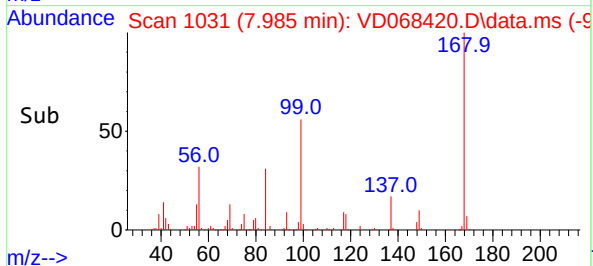
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01



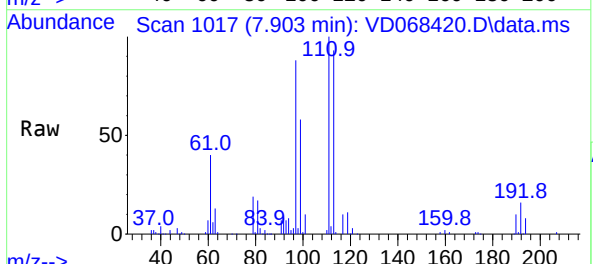
Tgt Ion: 56 Resp: 134533
Ion Ratio Lower Upper
56 100
69 40.1 30.1 45.1
84 97.9 82.1 123.1

Manual Integrations
APPROVED

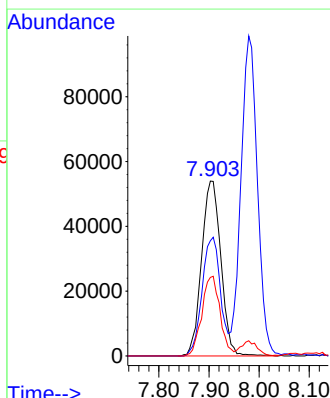
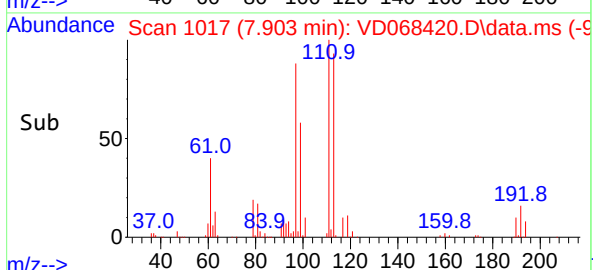
MMDadoda
2/24/2021 1:35:21 PM

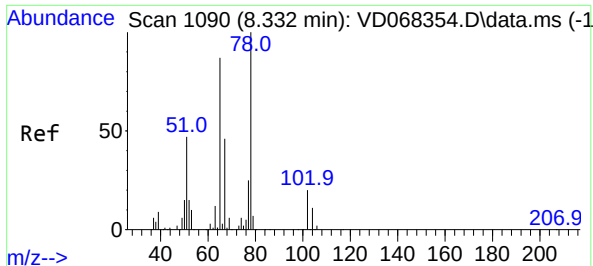


#32
1,1,1-Trichloroethane
Concen: 21.65 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



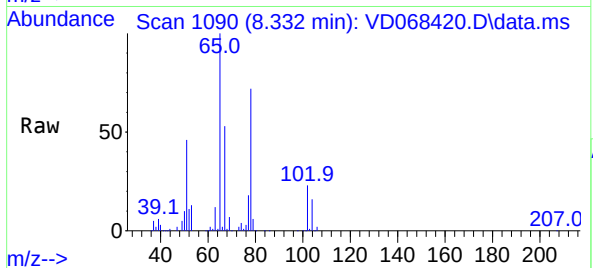
Tgt Ion: 97 Resp: 144425
Ion Ratio Lower Upper
97 100
99 64.3 52.1 78.1
61 43.0 30.1 45.1





#33
1,2-Dichloroethane-d4
Concen: 50.20 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

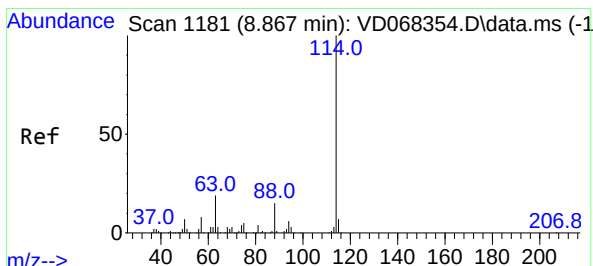
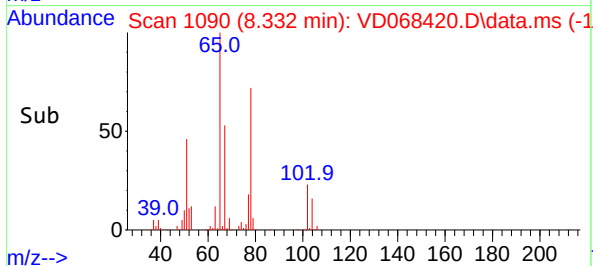
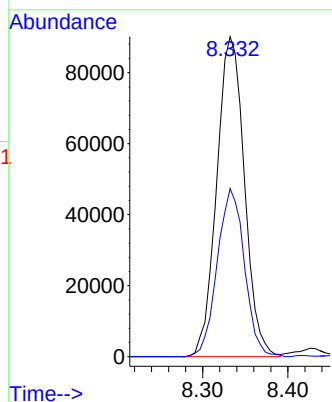
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01



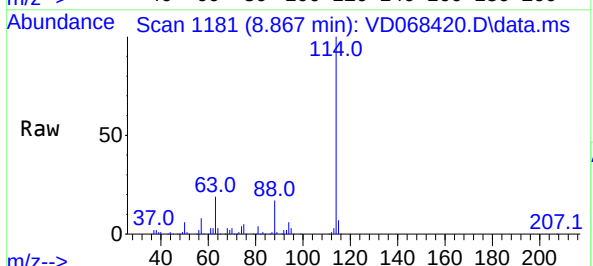
Tgt Ion: 65 Resp: 203488
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.0

Manual Integrations
APPROVED

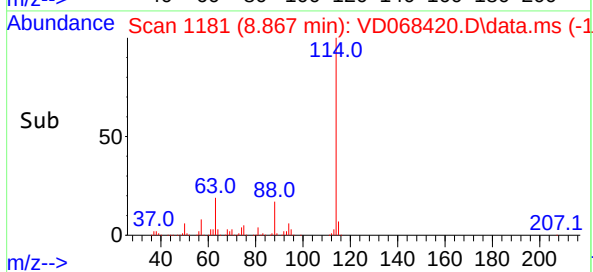
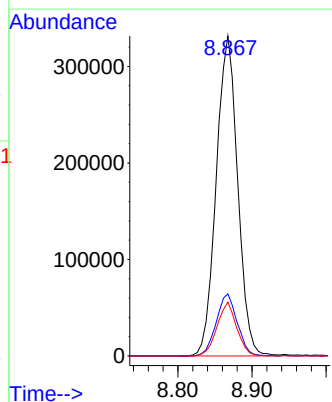
MMDadoda
2/24/2021 1:35:21 PM

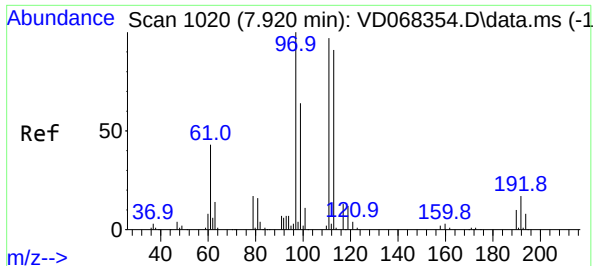


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

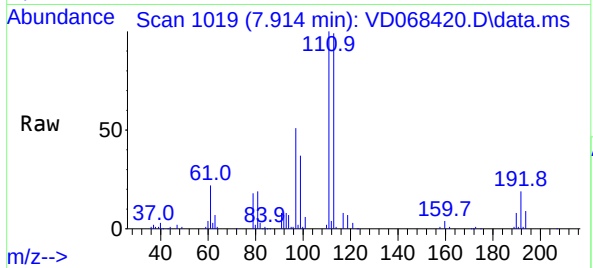


Tgt Ion: 114 Resp: 666803
Ion Ratio Lower Upper
114 100
63 19.4 0.0 34.8
88 16.9 0.0 31.6

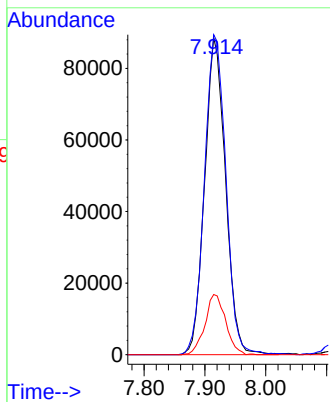
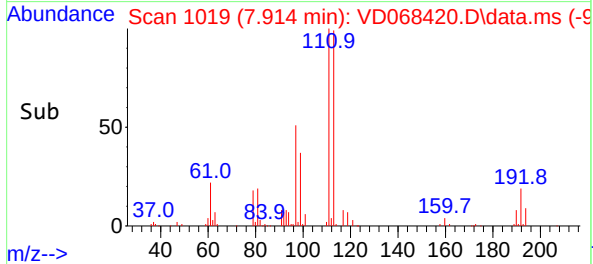




#35
Dibromofluoromethane
Concen: 53.30 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



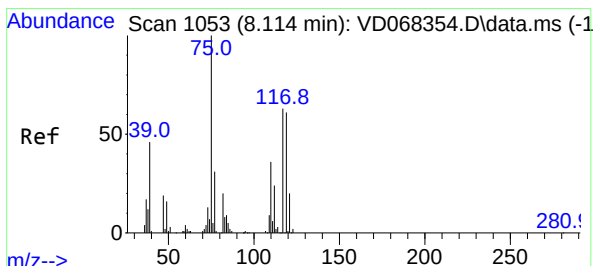
Tgt Ion:113 Resp: 210969
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 18.8 16.1 24.1



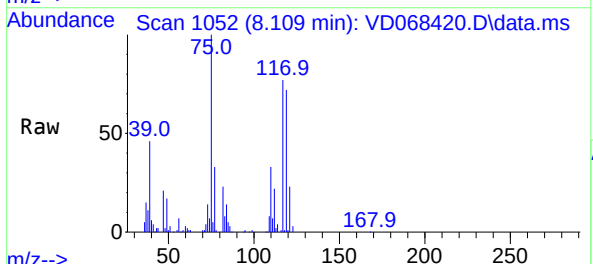
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

Manual Integrations
APPROVED

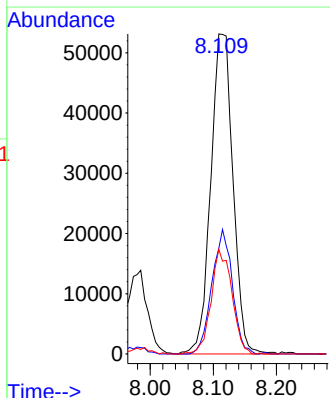
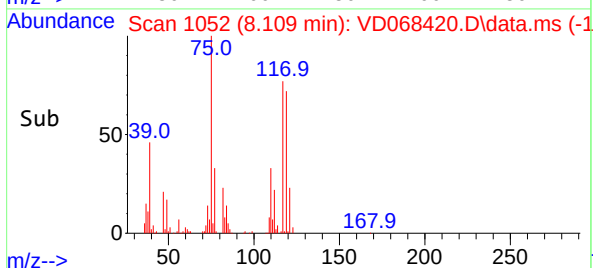
MMDadoda
2/24/2021 1:35:21 PM

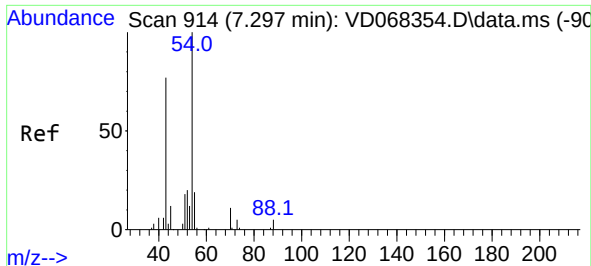


#36
1,1-Dichloropropene
Concen: 22.06 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

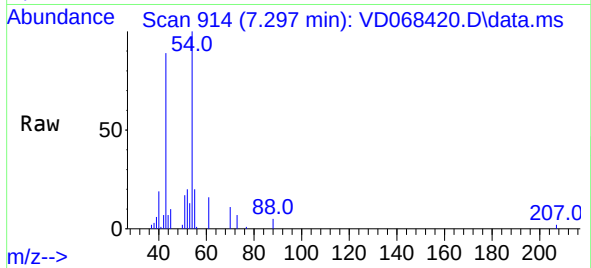


Tgt Ion: 75 Resp: 130108
Ion Ratio Lower Upper
75 100
110 35.7 19.4 58.2
77 30.5 25.3 37.9

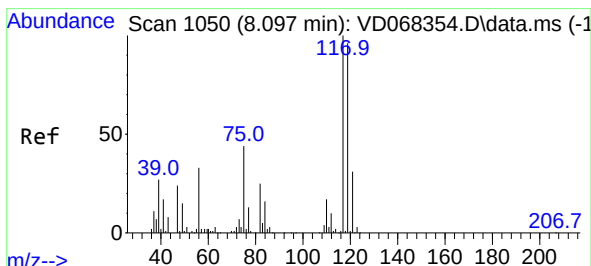
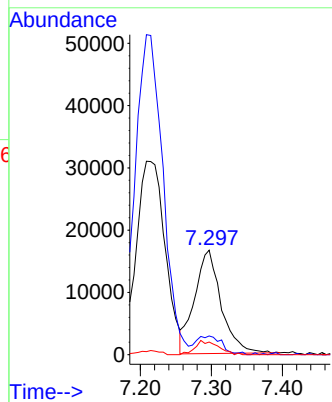
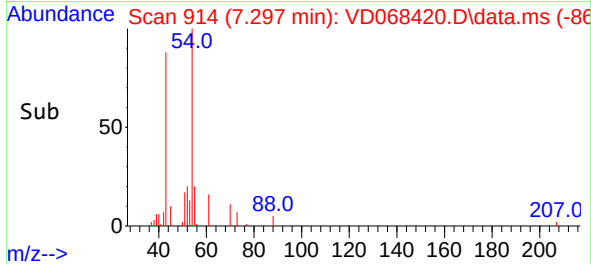




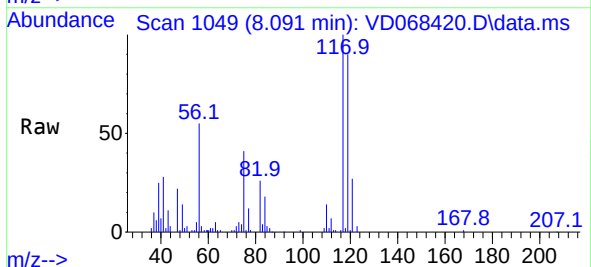
#37
Ethyl Acetate
Concen: 21.74 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



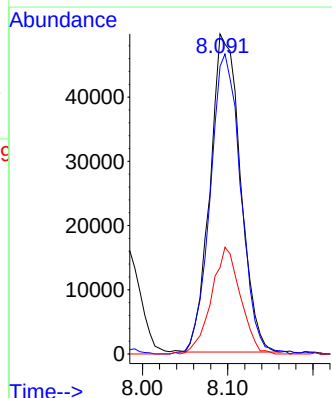
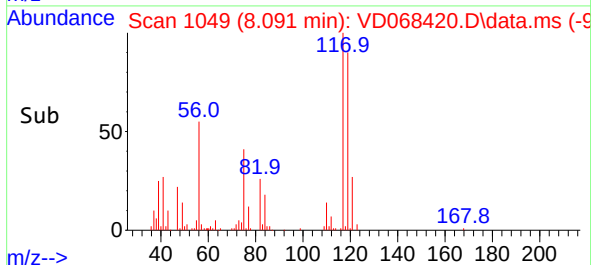
Tgt Ion: 43 Resp: 43340
Ion Ratio Lower Upper
43 100
61 18.0 12.9 19.3
70 11.7 11.0 16.6



#38
Carbon Tetrachloride
Concen: 21.74 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



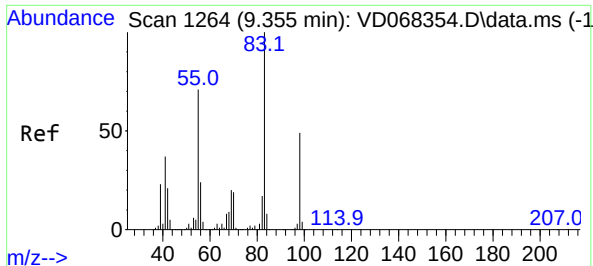
Tgt Ion: 117 Resp: 122325
Ion Ratio Lower Upper
117 100
119 89.8 77.3 115.9
121 27.2 24.7 37.1



Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:21 PM



#39

Methylcyclohexane

Concen: 21.55 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068420.D

Acq: 23 Feb 2021 12:26

Tgt Ion:	83	Resp:	155958
Ion	Ratio	Lower	Upper
83	100		
55	69.0	55.2	82.8
98	49.8	39.1	58.7

Instrument :

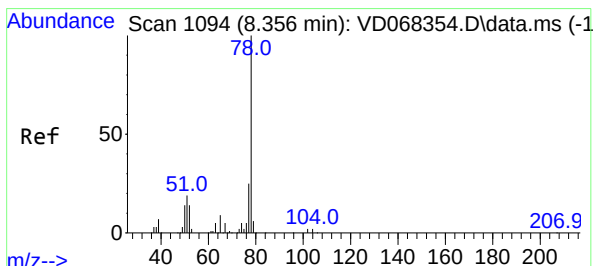
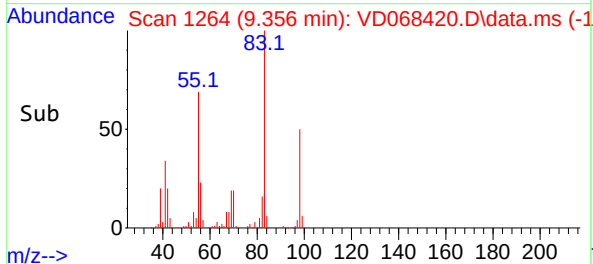
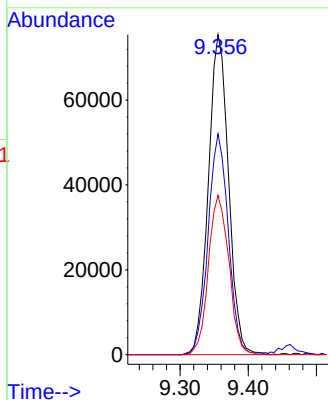
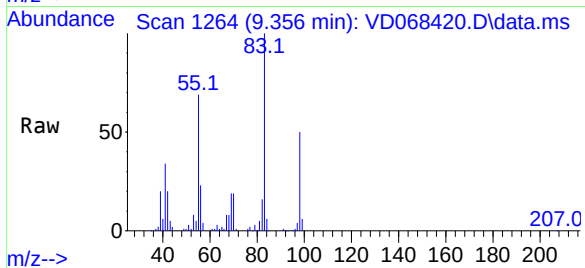
MSVOA_D

ClientSampleId :

VD0223SBSD01

Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:21 PM



#40

Benzene

Concen: 21.74 ug/l

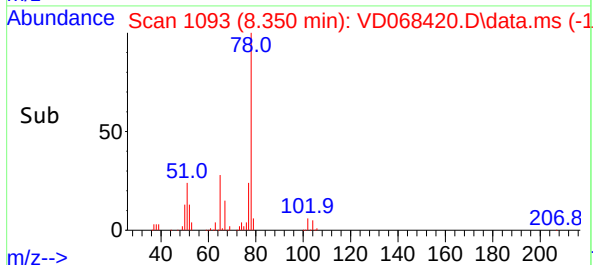
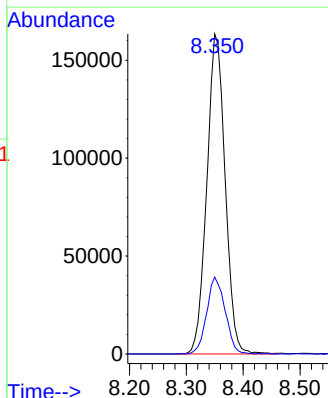
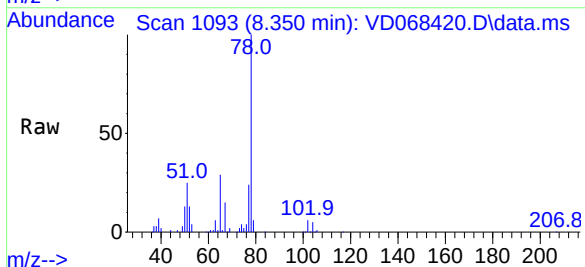
RT: 8.350 min Scan# 1093

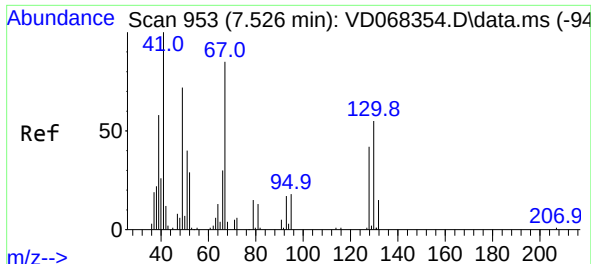
Delta R.T. -0.006 min

Lab File: VD068420.D

Acq: 23 Feb 2021 12:26

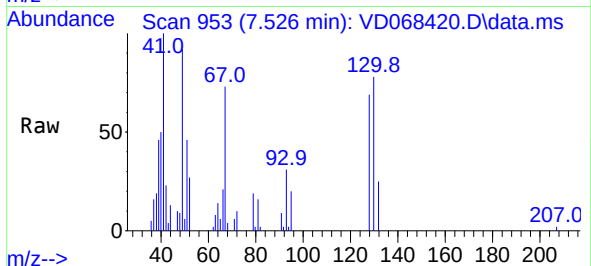
Tgt Ion:	78	Resp:	365793
Ion	Ratio	Lower	Upper
78	100		
77	24.0	17.8	26.6





#41
Methacrylonitrile
Concen: 17.92 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

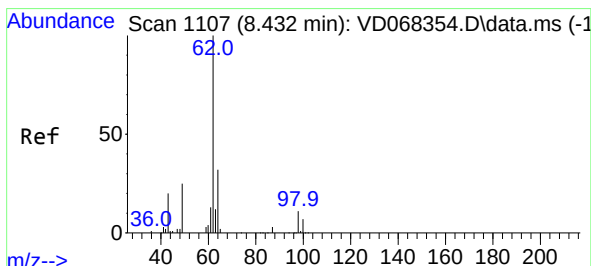
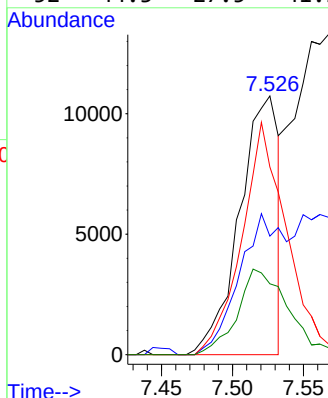
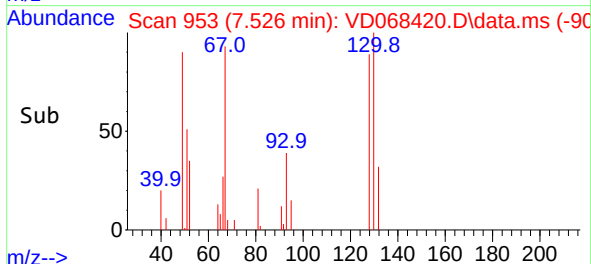
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01



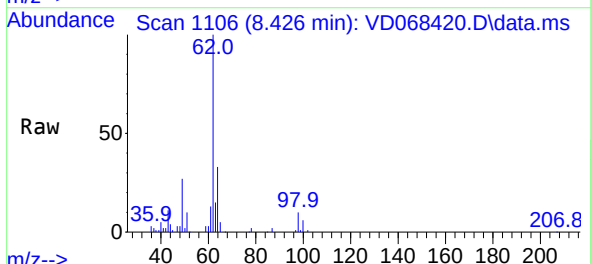
Tgt Ion: 41 Resp: 20560
Ion Ratio Lower Upper
41 100
39 62.1 45.2 67.8
67 102.4 67.4 101.2#
52 44.3 27.5 41.3#

Manual Integrations
APPROVED

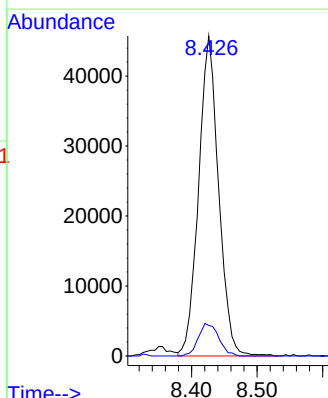
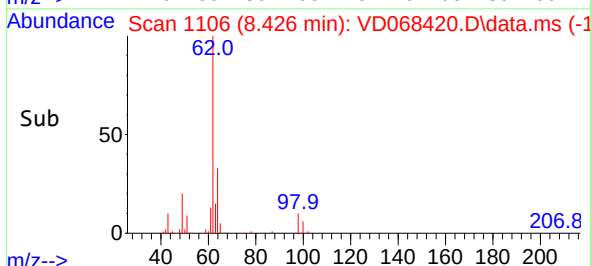
MMDadoda
2/24/2021 1:35:21 PM

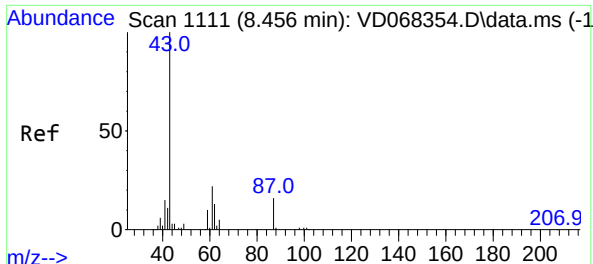


#42
1,2-Dichloroethane
Concen: 21.62 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



Tgt Ion: 62 Resp: 97017
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.8





#43

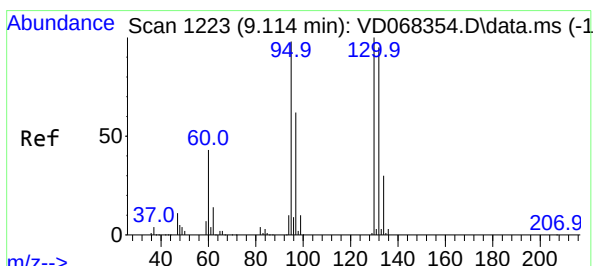
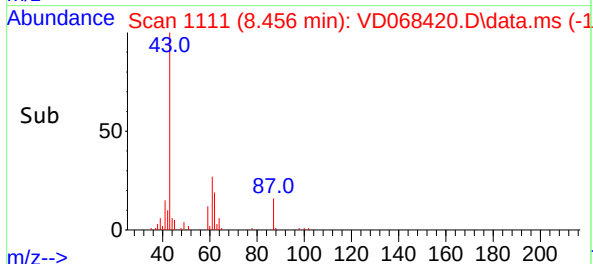
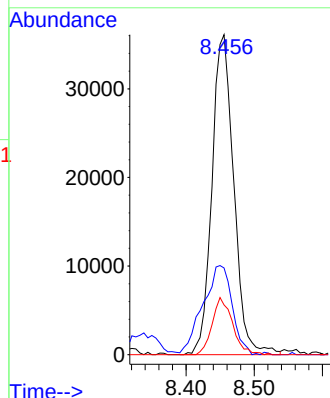
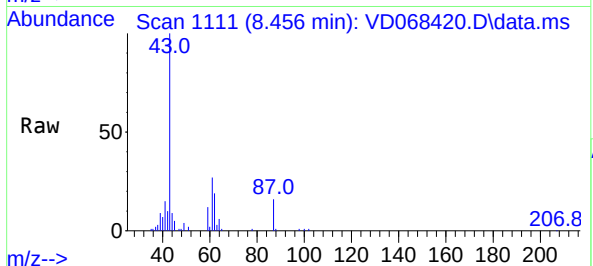
Isopropyl Acetate
Concen: 21.11 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 43 Resp: 80574
Ion Ratio Lower Upper
43 100
61 37.2 28.7 43.1
87 16.8 13.9 20.9

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

Manual Integrations
APPROVED

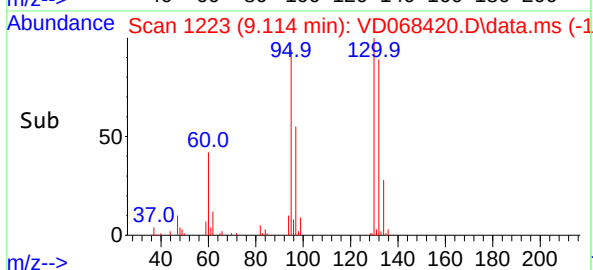
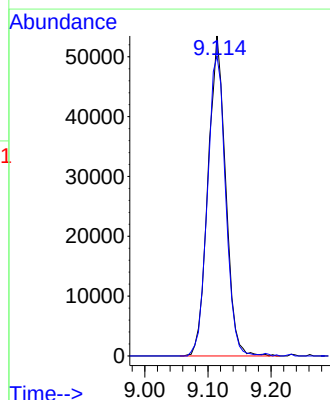
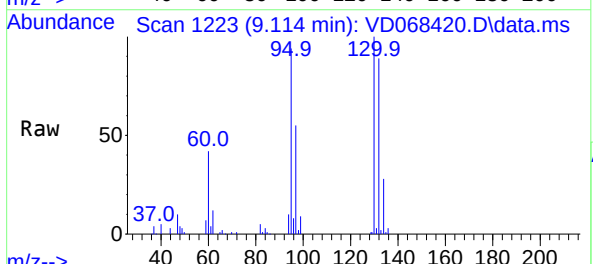
MMDadoda
2/24/2021 1:35:21 PM

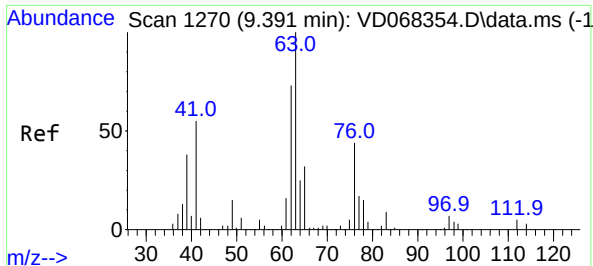


#44

Trichloroethene
Concen: 22.60 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion:130 Resp: 103495
Ion Ratio Lower Upper
130 100
95 93.8 0.0 191.2





#45

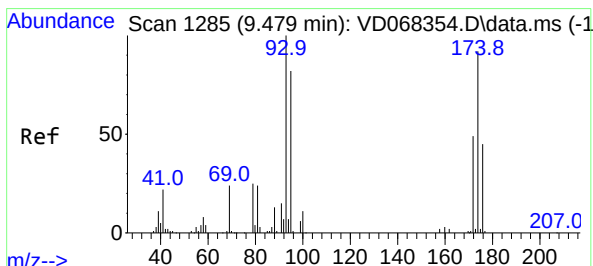
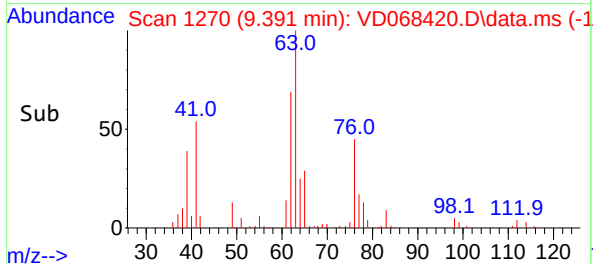
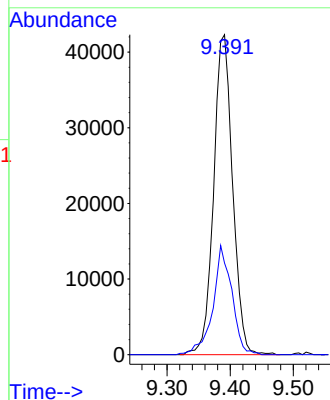
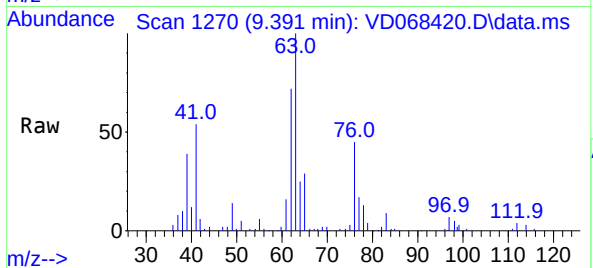
1,2-Dichloropropane
Concen: 21.51 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 63 Resp: 88305
Ion Ratio Lower Upper
63 100
65 28.6 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

Manual Integrations
APPROVED

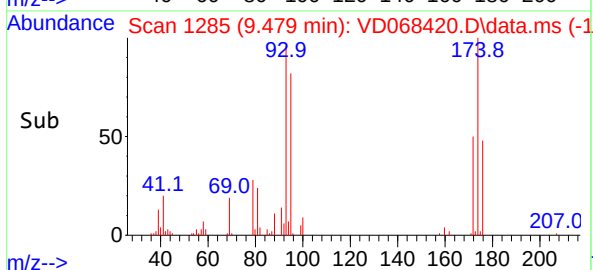
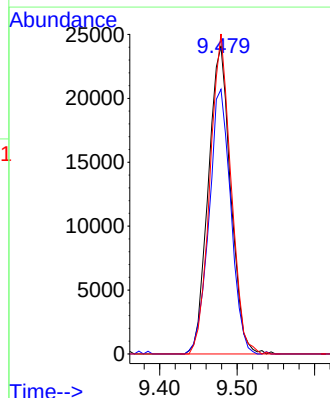
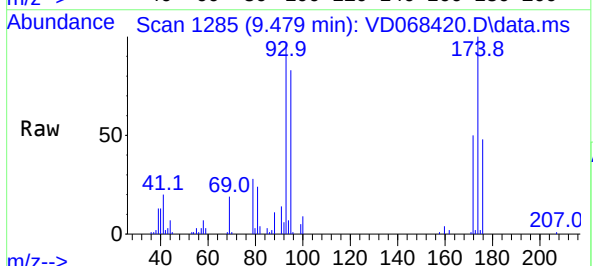
MMDadoda
2/24/2021 1:35:21 PM

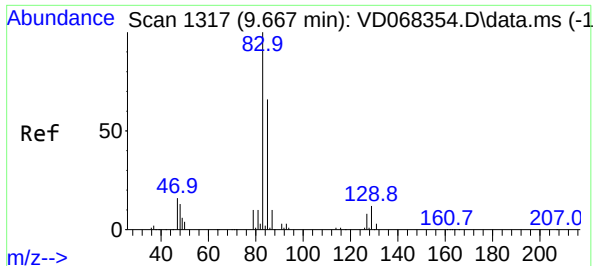


#46

Dibromomethane
Concen: 21.66 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

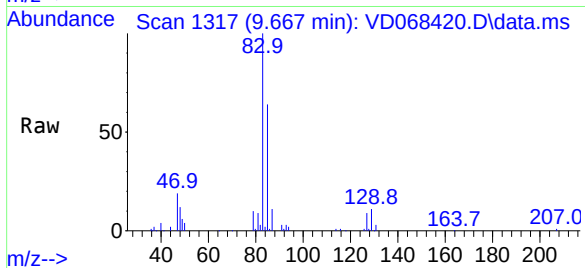
Tgt Ion: 93 Resp: 48240
Ion Ratio Lower Upper
93 100
95 83.7 67.3 100.9
174 97.8 84.6 127.0





#47
Bromodichloromethane
Concen: 22.28 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

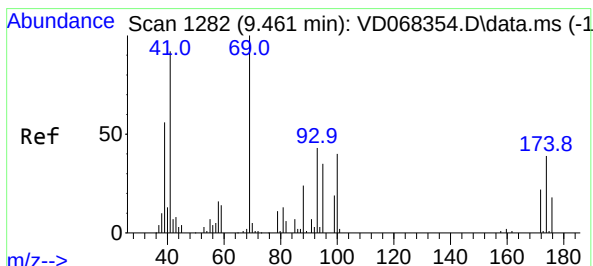
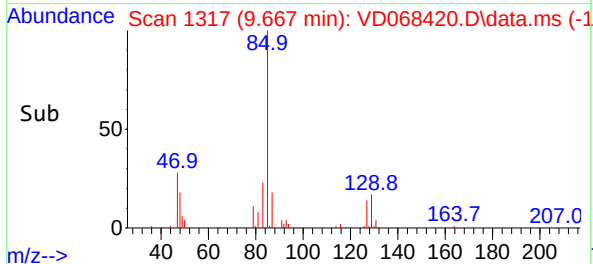
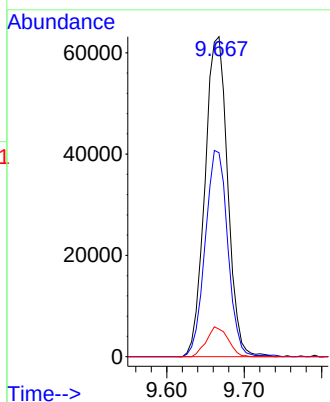
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01



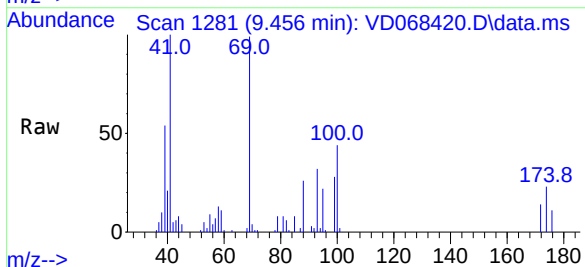
Tgt Ion: 83 Resp: 128677
Ion Ratio Lower Upper
83 100
85 63.8 51.6 77.4
127 8.6 7.4 11.0

Manual Integrations
APPROVED

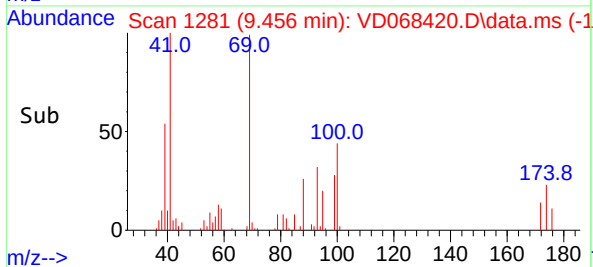
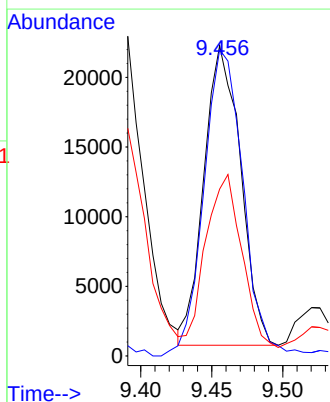
MMDadoda
2/24/2021 1:35:21 PM

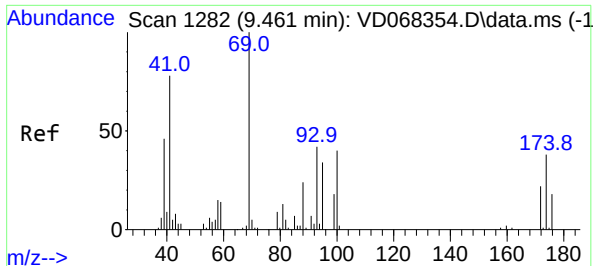


#48
Methyl methacrylate
Concen: 20.23 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



Tgt Ion: 41 Resp: 38541
Ion Ratio Lower Upper
41 100
69 110.2 77.1 115.7
39 63.5 41.5 62.3#





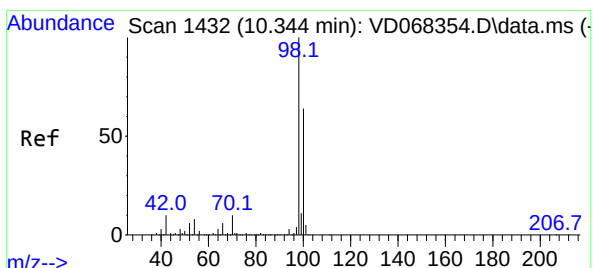
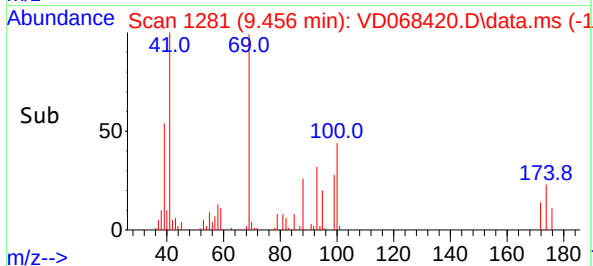
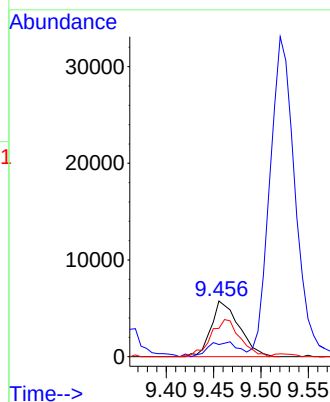
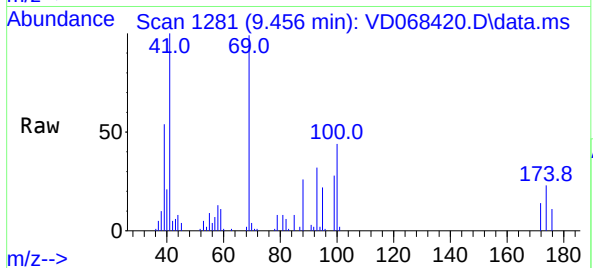
#49
1,4-Dioxane
Concen: 453.23 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 88 Resp: 11794
Ion Ratio Lower Upper
88 100
43 28.0 22.1 33.1
58 69.7 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01

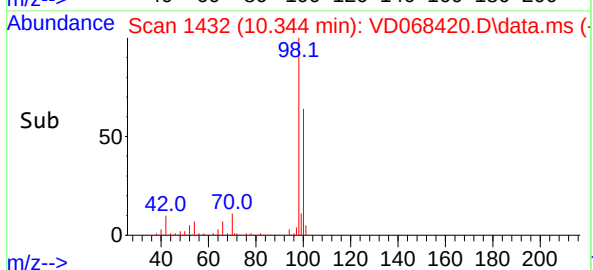
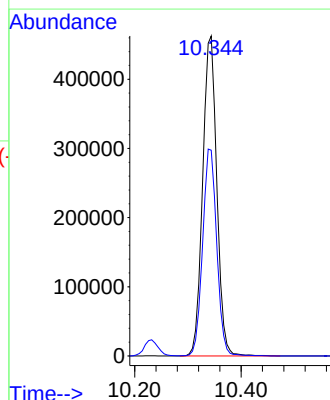
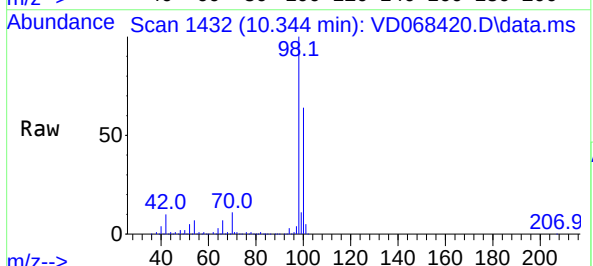
Manual Integrations
APPROVED

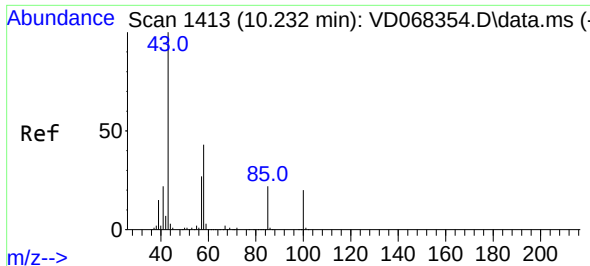
MMDadoda
2/24/2021 1:35:21 PM



#50
Toluene-d8
Concen: 51.94 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 98 Resp: 852044
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4





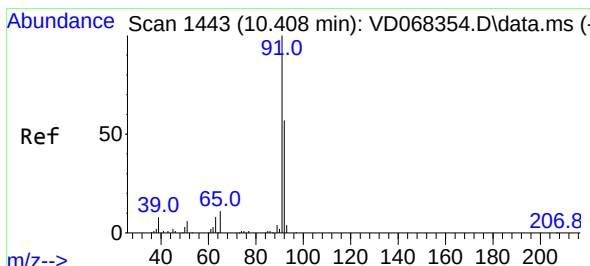
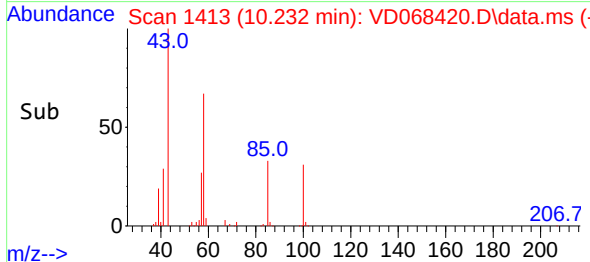
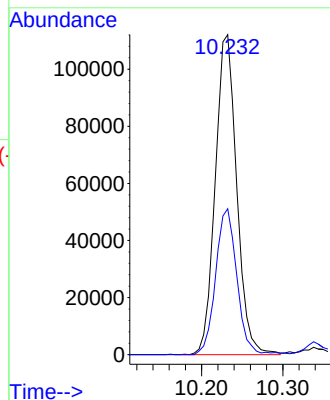
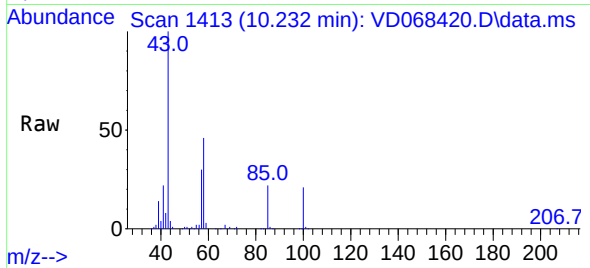
#51
4-Methyl-2-Pentanone
Concen: 105.10 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 43 Resp: 206043
Ion Ratio Lower Upper
43 100
58 45.2 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

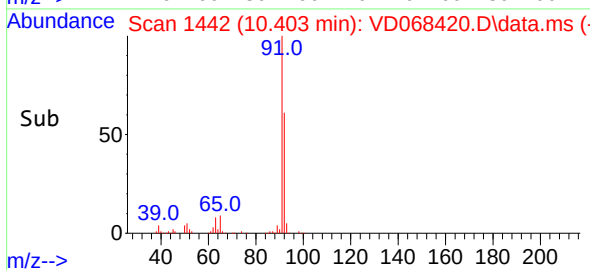
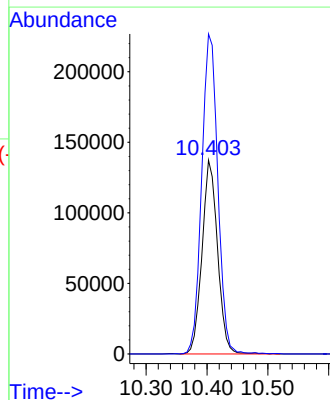
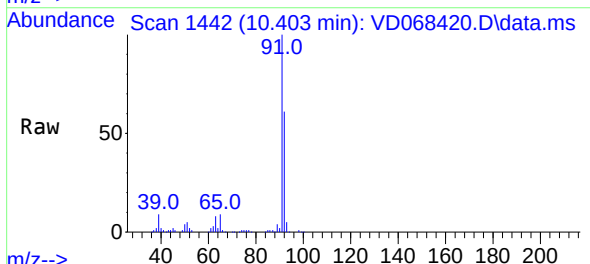
Manual Integrations
APPROVED

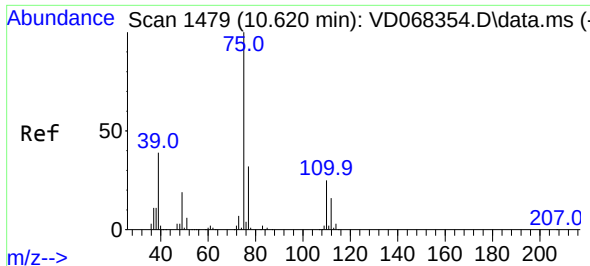
MMDadoda
2/24/2021 1:35:21 PM



#52
Toluene
Concen: 22.50 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

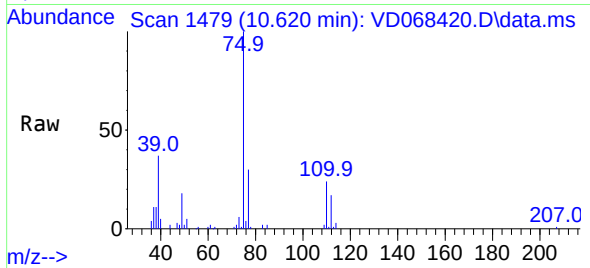
Tgt Ion: 92 Resp: 243407
Ion Ratio Lower Upper
92 100
91 171.6 134.1 201.1





#53
t-1,3-Dichloropropene
Concen: 22.53 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

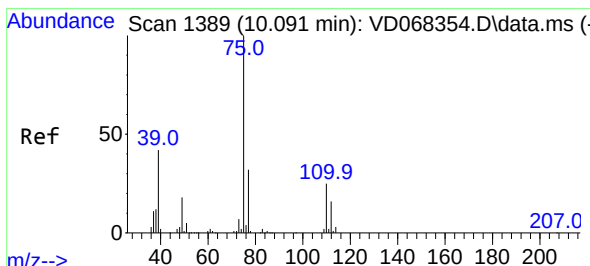
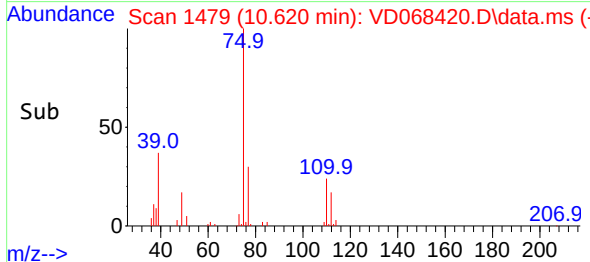
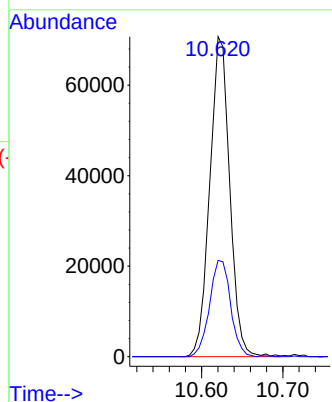
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01



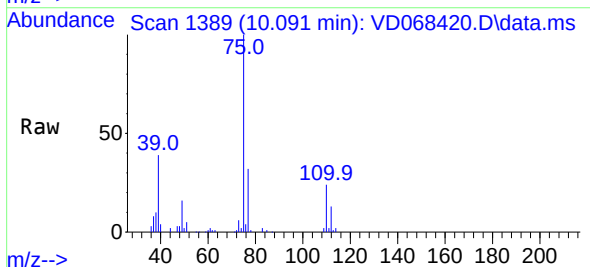
Tgt Ion: 75 Resp: 120389
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.4

Manual Integrations
APPROVED

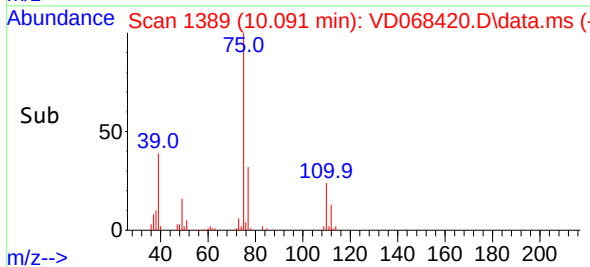
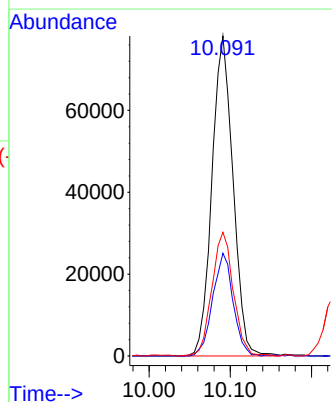
MMDadoda
2/24/2021 1:35:21 PM

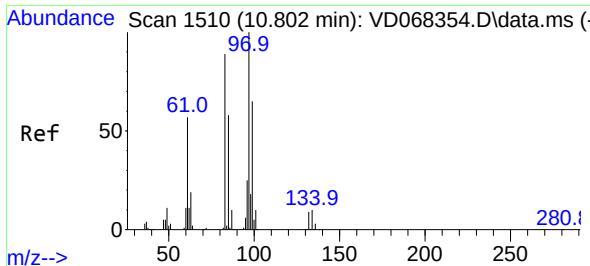


#54
cis-1,3-Dichloropropene
Concen: 21.58 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



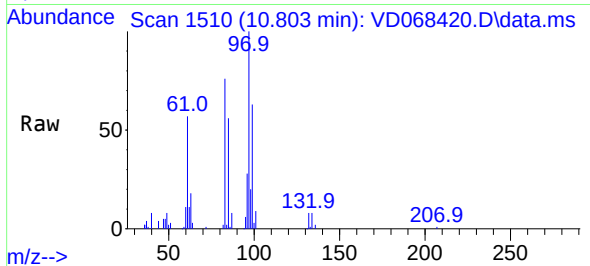
Tgt Ion: 75 Resp: 140939
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0
39 38.6 31.4 47.0





#55
1,1,2-Trichloroethane
Concen: 22.53 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

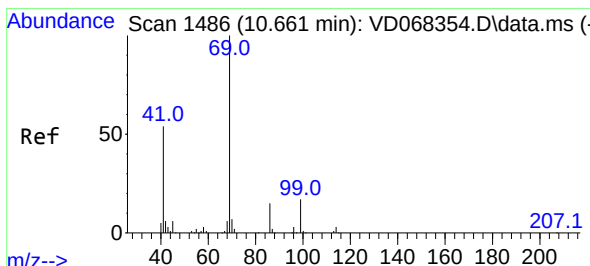
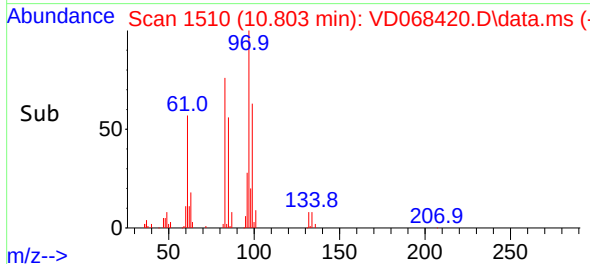
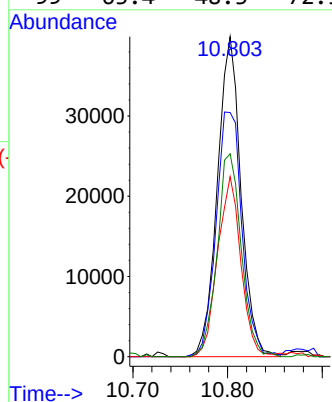


Tgt Ion: 97 Resp: 69316

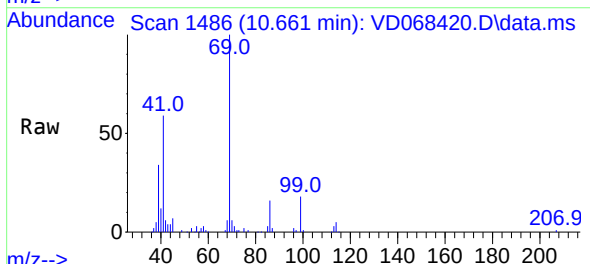
Ion	Ratio	Lower	Upper
97	100		
83	76.3	61.8	92.6
85	56.2	42.2	63.2
99	63.4	48.3	72.5

Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:21 PM

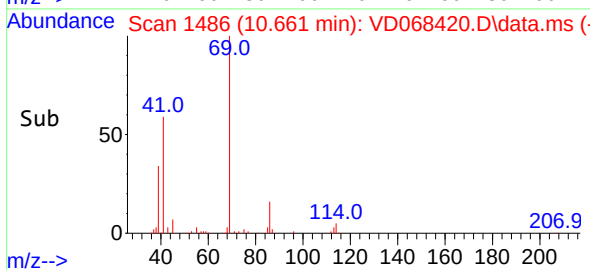
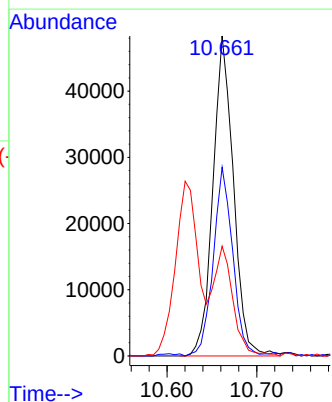


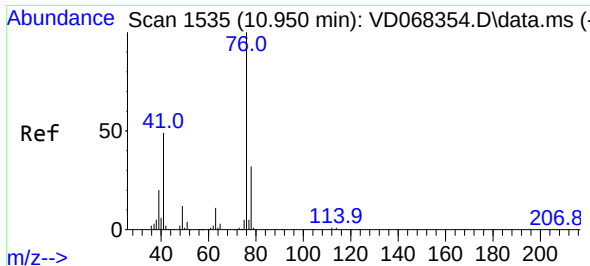
#56
Ethyl methacrylate
Concen: 21.04 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



Tgt Ion: 69 Resp: 76814

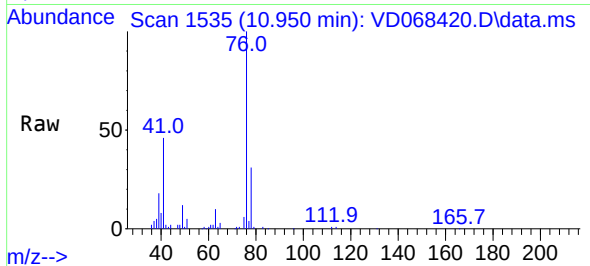
Ion	Ratio	Lower	Upper
69	100		
41	56.2	44.9	67.3
39	32.7	21.9	32.9





#57
1,3-Dichloropropane
Concen: 21.76 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

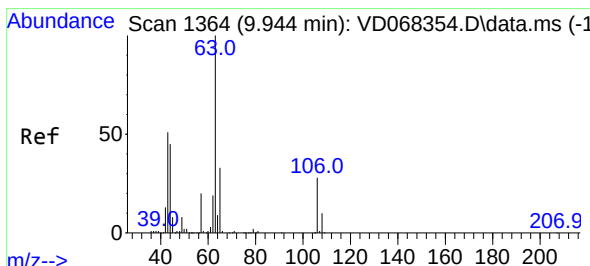
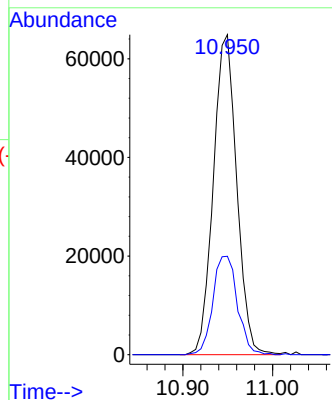
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01



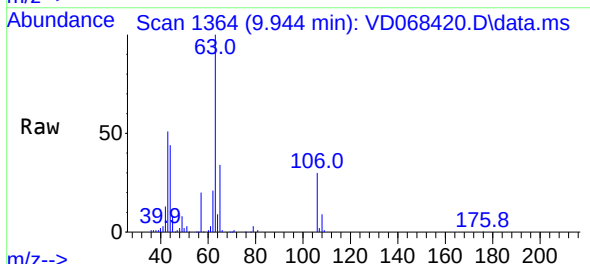
Tgt Ion: 76 Resp: 117492
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4

Manual Integrations
APPROVED

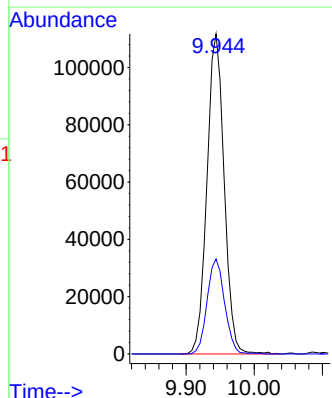
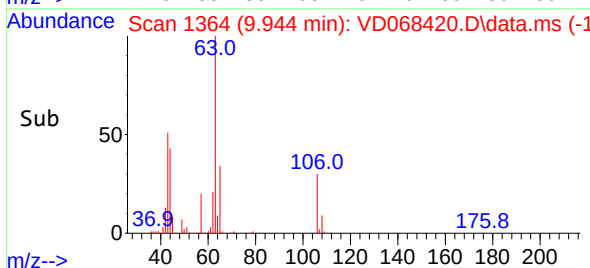
MMDadoda
2/24/2021 1:35:21 PM

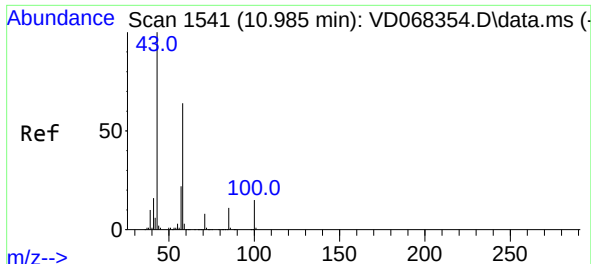


#58
2-Chloroethyl Vinyl ether
Concen: 100.16 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



Tgt Ion: 63 Resp: 195793
Ion Ratio Lower Upper
63 100
106 30.2 27.0 40.4





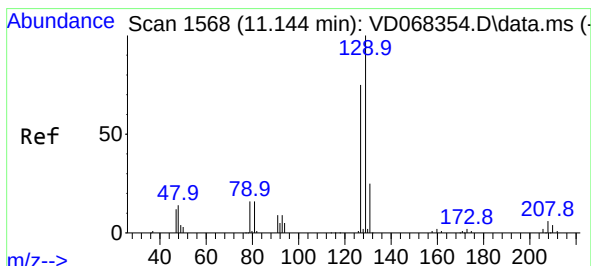
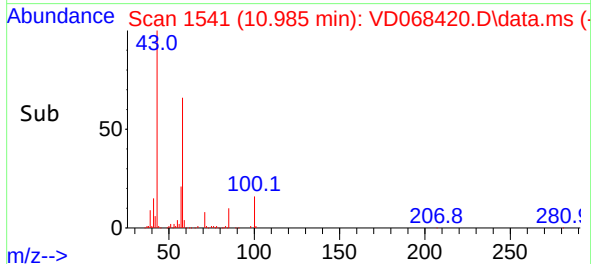
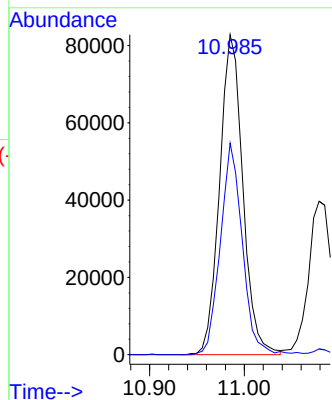
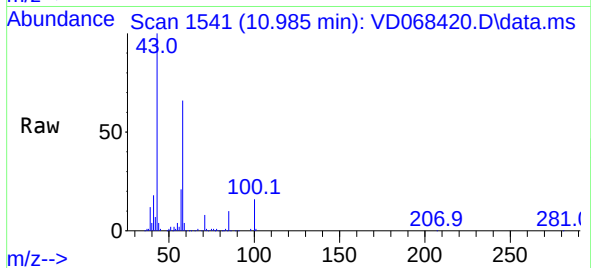
#59
2-Hexanone
Concen: 106.61 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 43 Resp: 141285
Ion Ratio Lower Upper
43 100
58 62.4 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

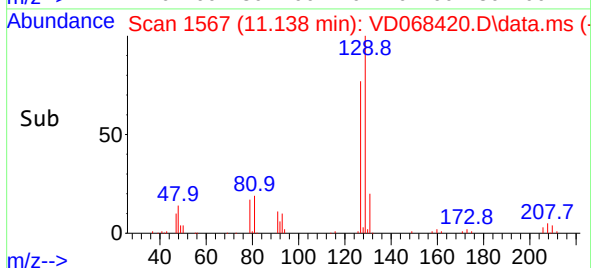
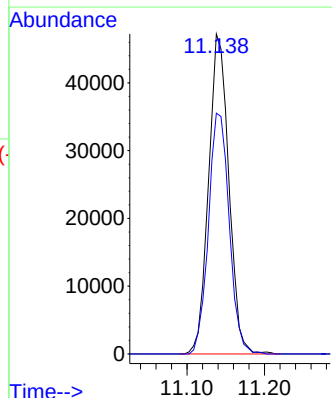
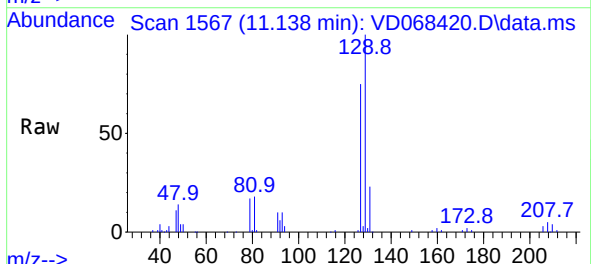
Manual Integrations
APPROVED

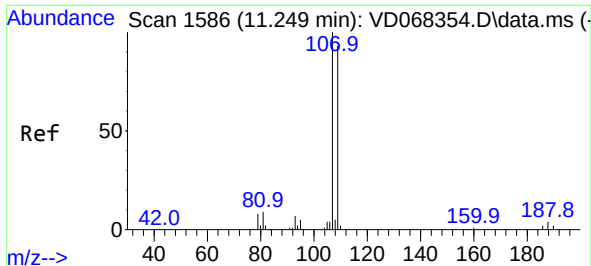
MMDadoda
2/24/2021 1:35:21 PM



#60
Dibromochloromethane
Concen: 22.37 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

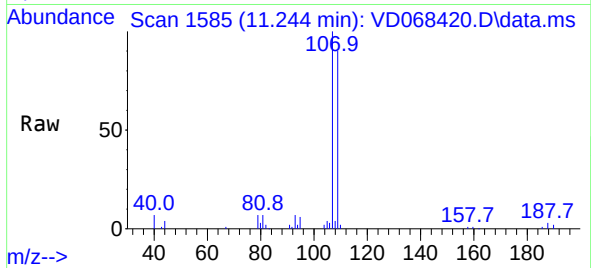
Tgt Ion: 129 Resp: 85405
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 22.44 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

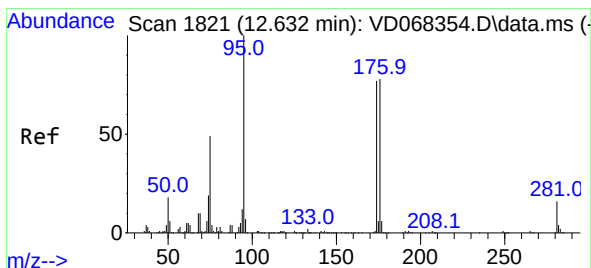
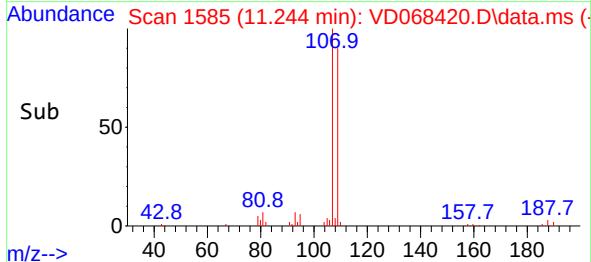
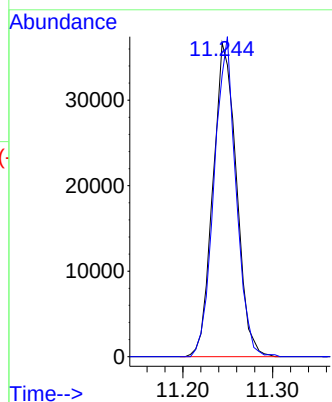
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01



Tgt Ion:107 Resp: 66722
Ion Ratio Lower Upper
107 100
109 95.0 74.8 112.2

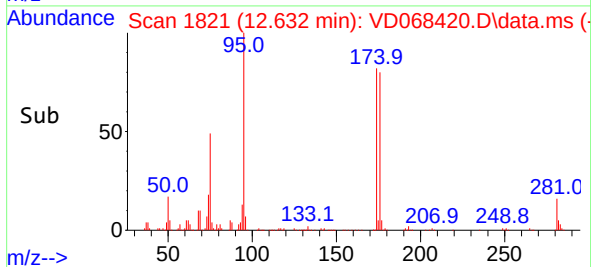
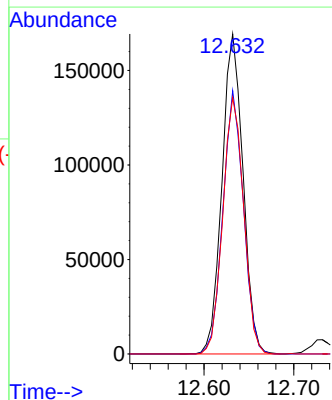
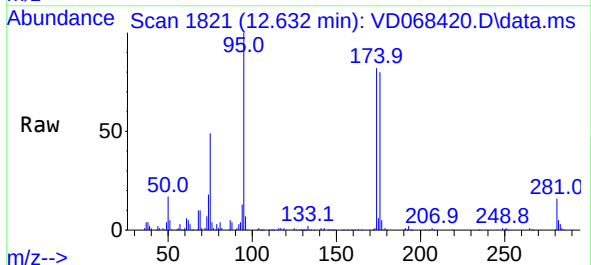
Manual Integrations
APPROVED

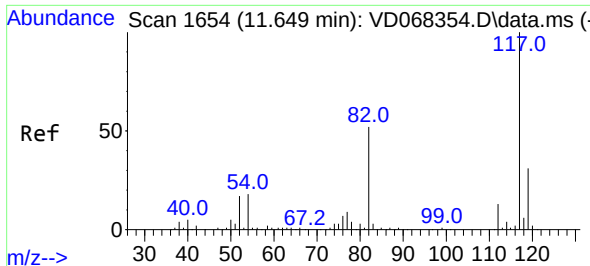
MMDadoda
2/24/2021 1:35:21 PM



#62
4-Bromofluorobenzene
Concen: 51.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 95 Resp: 275404
Ion Ratio Lower Upper
95 100
174 80.2 0.0 172.4
176 79.7 0.0 168.4





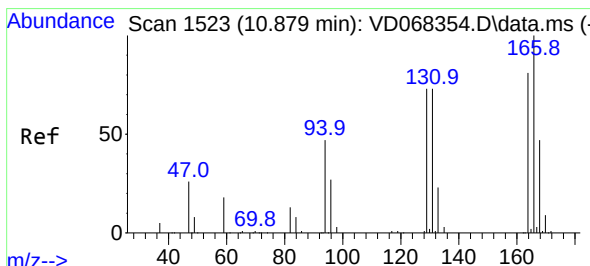
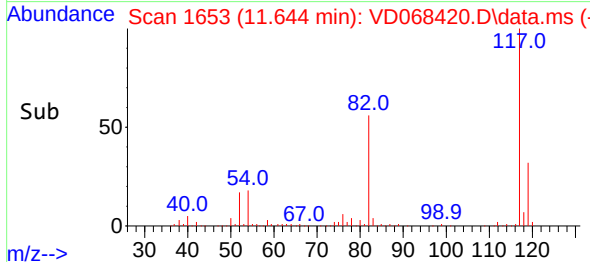
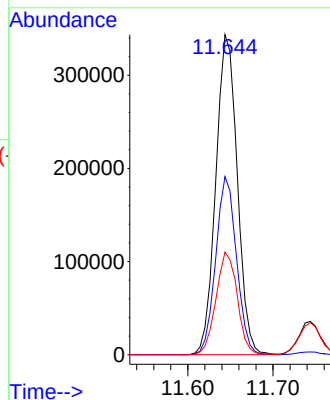
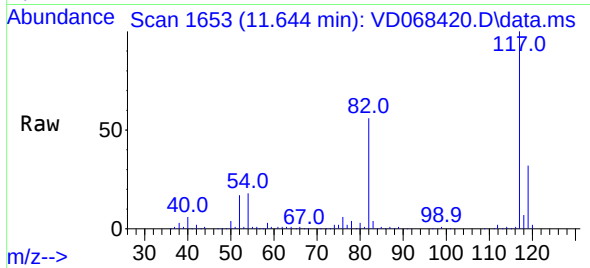
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion:117 Resp: 603170
Ion Ratio Lower Upper
117 100
82 55.6 41.4 62.0
119 32.0 26.1 39.1

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

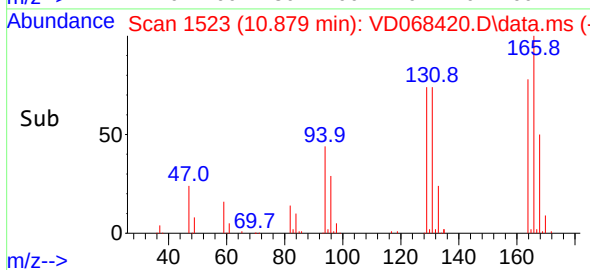
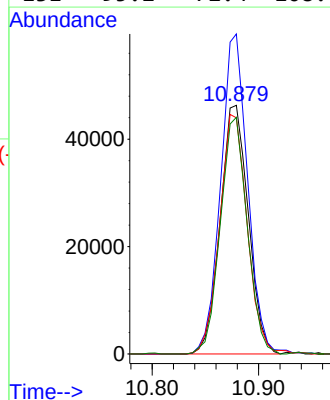
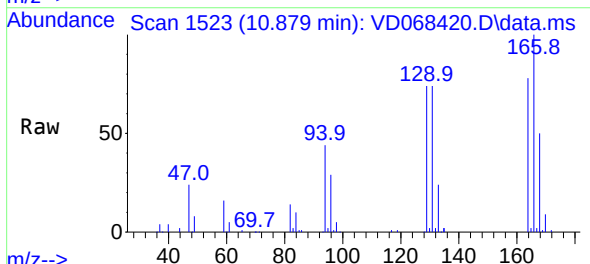
Manual Integrations
APPROVED

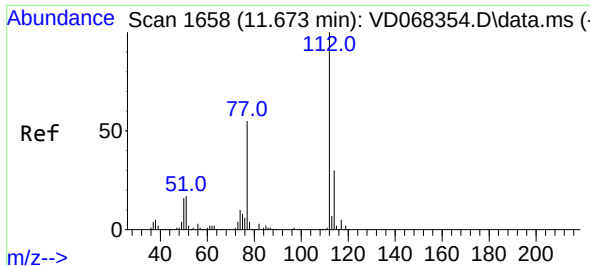
MMDadoda
2/24/2021 1:35:21 PM



#64
Tetrachloroethene
Concen: 22.84 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

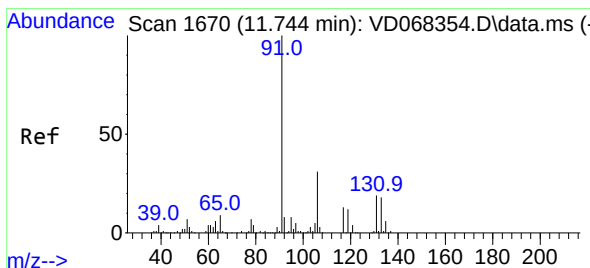
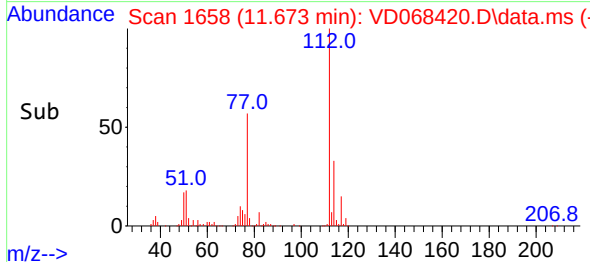
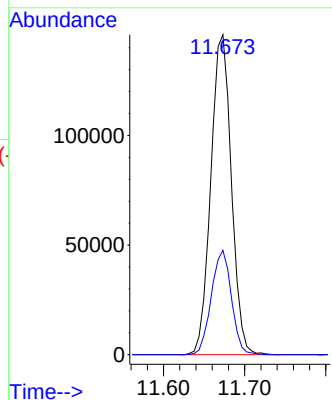
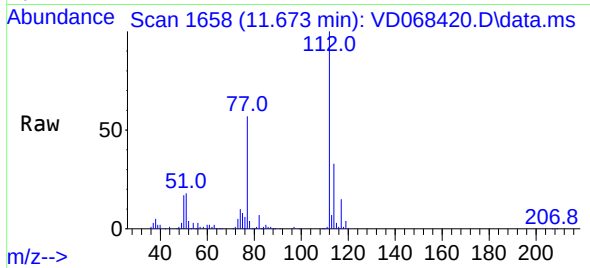
Tgt Ion:164 Resp: 84766
Ion Ratio Lower Upper
164 100
166 128.7 105.5 158.3
129 95.0 75.6 113.4
131 95.2 72.4 108.6





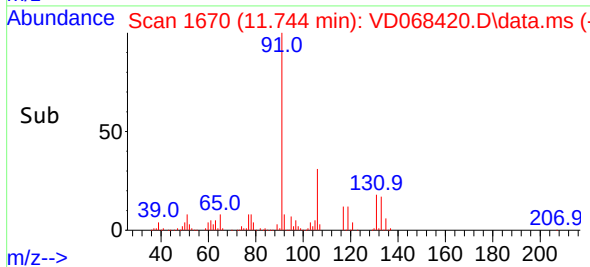
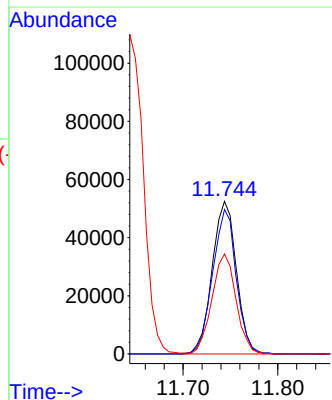
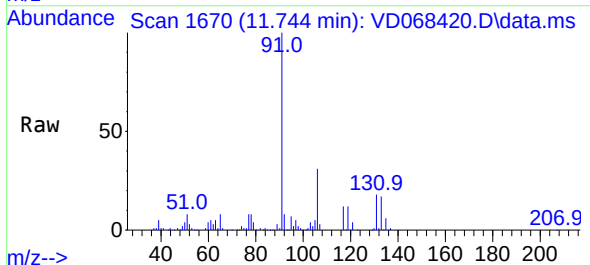
#65
Chlorobenzene
Concen: 22.10 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion:112 Resp: 256261
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.95 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

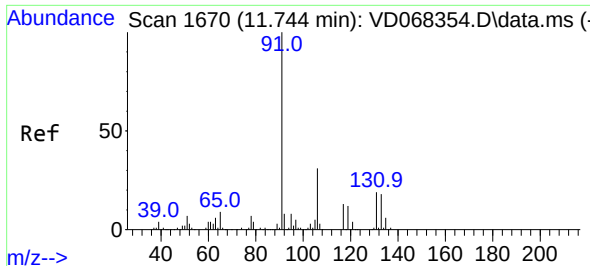
Tgt Ion:131 Resp: 92873
Ion Ratio Lower Upper
131 100
133 93.0 48.1 144.4
119 65.6 31.6 94.8



Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:21 PM



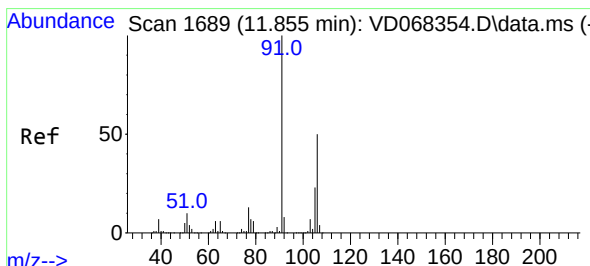
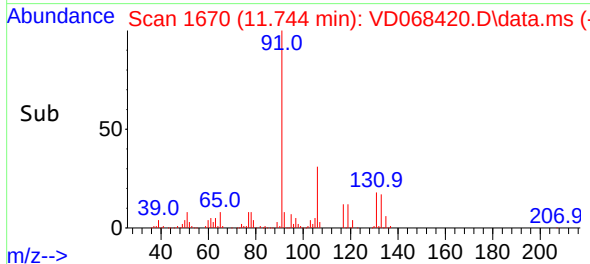
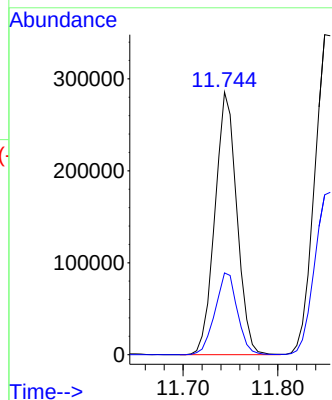
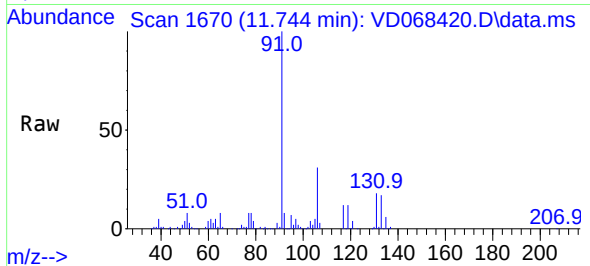
#67
Ethyl Benzene
Concen: 22.07 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 91 Resp: 458987
Ion Ratio Lower Upper
91 100
106 31.2 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

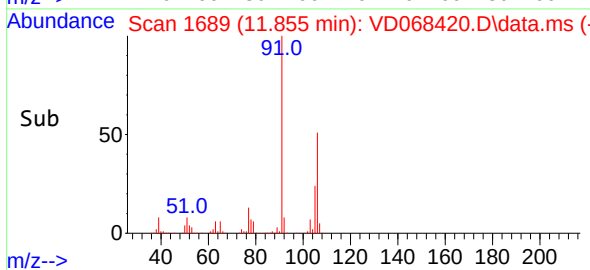
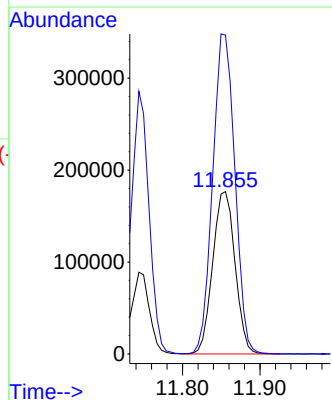
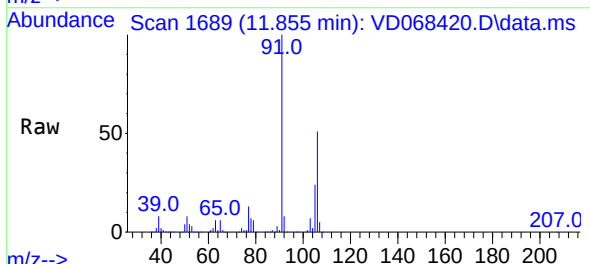
Manual Integrations
APPROVED

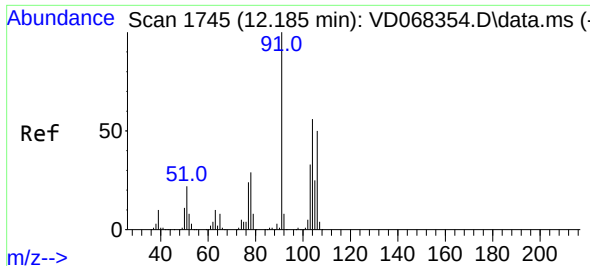
MMDadoda
2/24/2021 1:35:21 PM



#68
m/p-Xylenes
Concen: 45.09 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 106 Resp: 354379
Ion Ratio Lower Upper
106 100
91 195.7 159.1 238.7





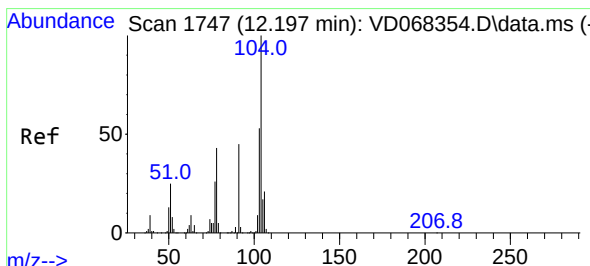
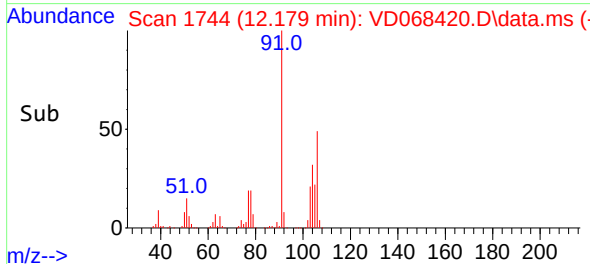
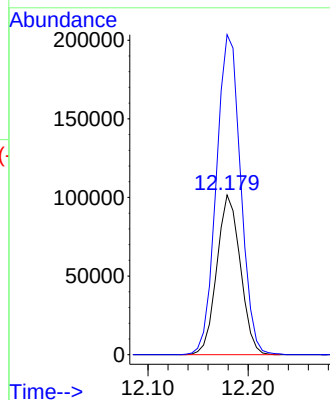
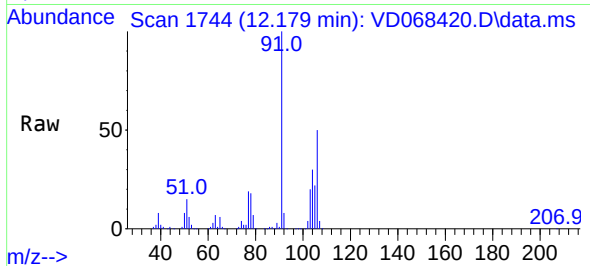
#69
o-Xylene
Concen: 22.94 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion:106 Resp: 165395
Ion Ratio Lower Upper
106 100
91 207.6 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

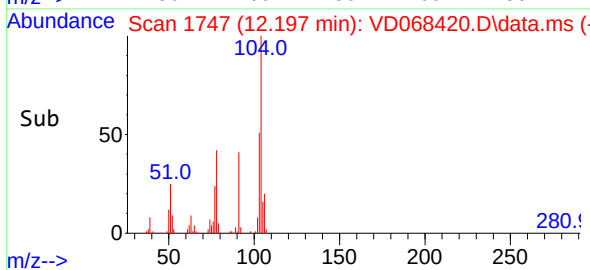
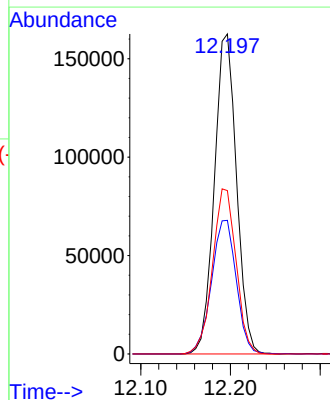
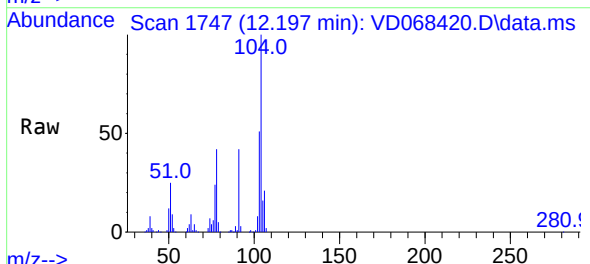
Manual Integrations
APPROVED

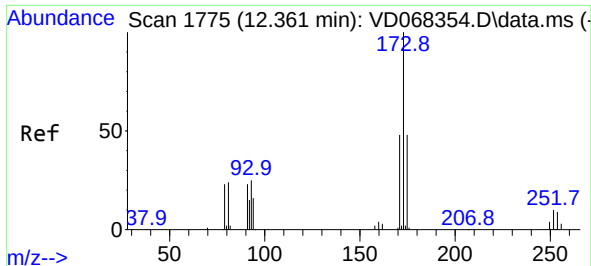
MMDadoda
2/24/2021 1:35:21 PM



#70
Styrene
Concen: 22.21 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion:104 Resp: 278583
Ion Ratio Lower Upper
104 100
78 46.7 38.2 57.2
103 54.9 43.1 64.7





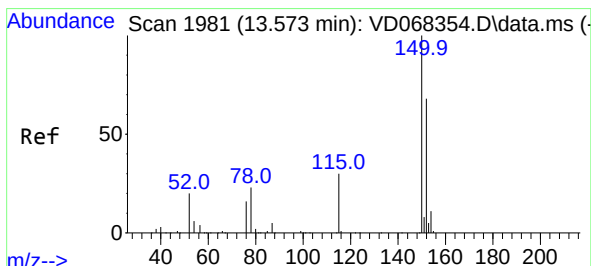
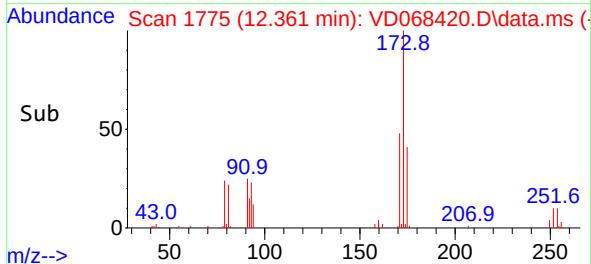
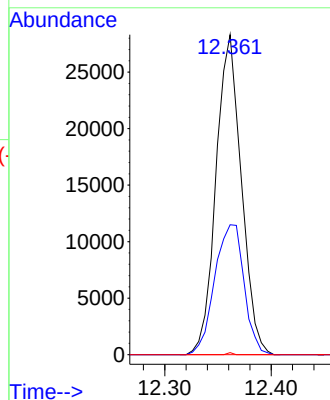
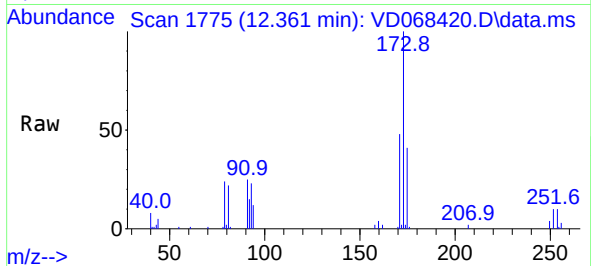
#71
Bromoform
Concen: 22.49 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion:173 Resp: 46753
Ion Ratio Lower Upper
173 100
175 47.0 24.6 73.8
254 0.1 0.0 0.0#

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

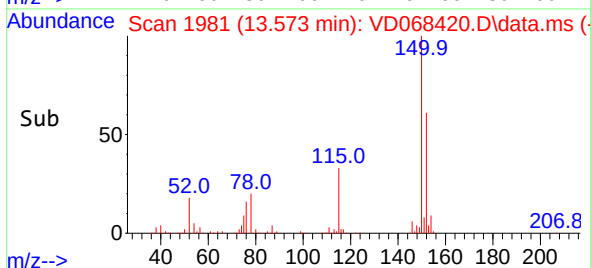
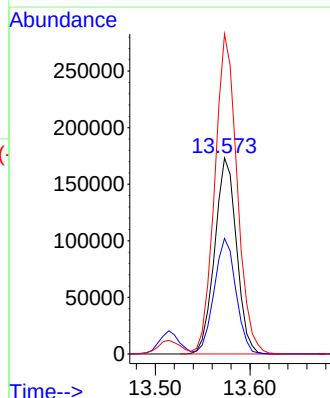
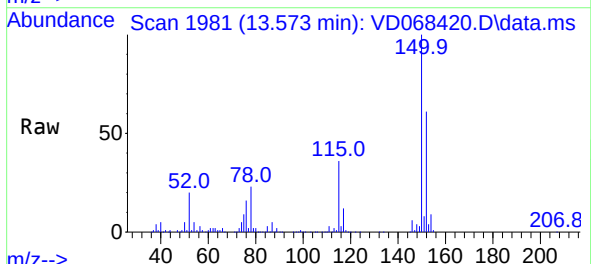
Manual Integrations
APPROVED

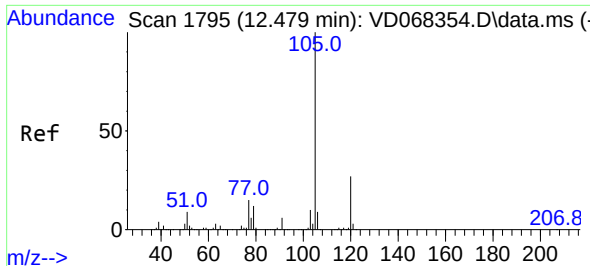
MMDadoda
2/24/2021 1:35:21 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

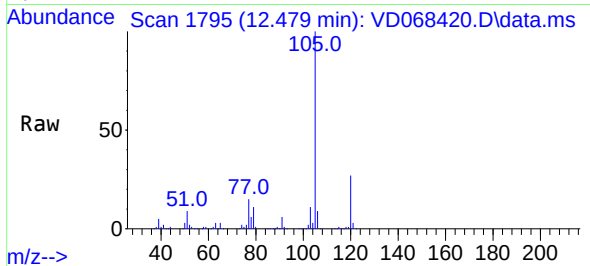
Tgt Ion:152 Resp: 277198
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 167.6 0.0 344.4





#73
Isopropylbenzene
Concen: 22.06 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

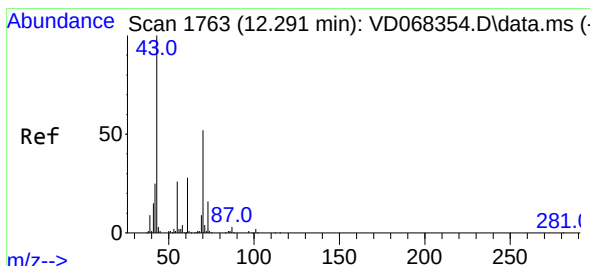
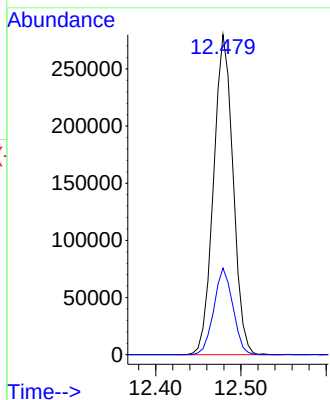
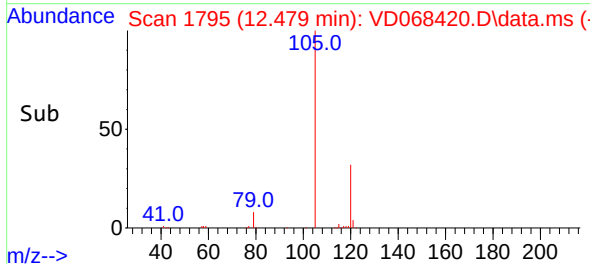
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBS01



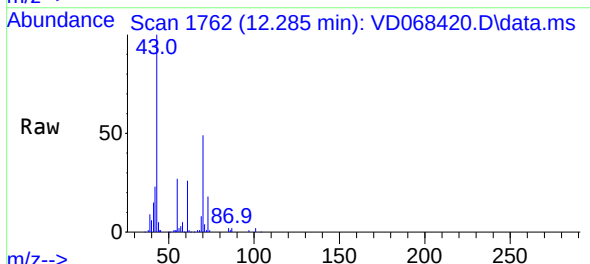
Tgt Ion:105 Resp: 446641
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6

Manual Integrations
APPROVED

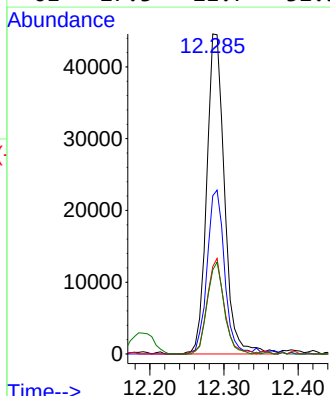
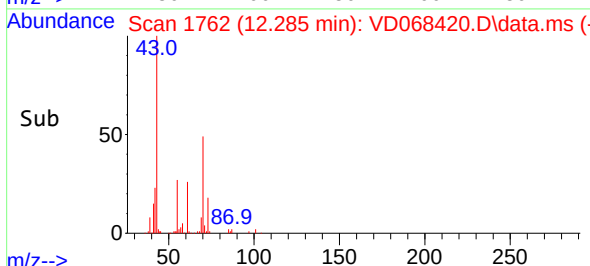
MMDadoda
2/24/2021 1:35:21 PM

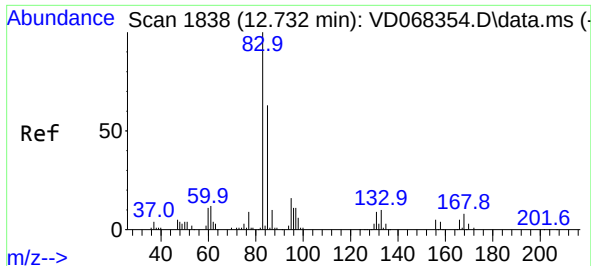


#74
N-ethyl acetate
Concen: 20.85 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



Tgt Ion: 43 Resp: 74537
Ion Ratio Lower Upper
43 100
70 49.8 41.8 62.8
55 28.6 24.2 36.4
61 27.3 21.7 32.5





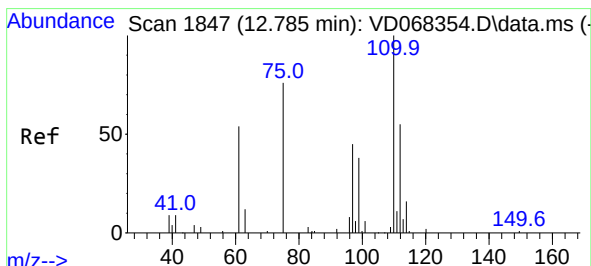
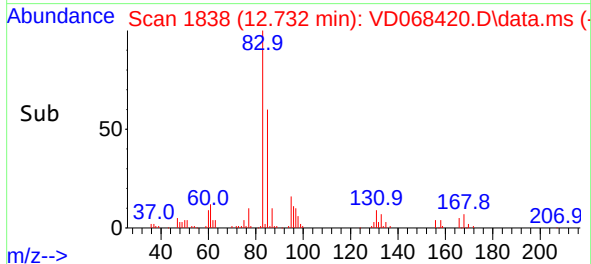
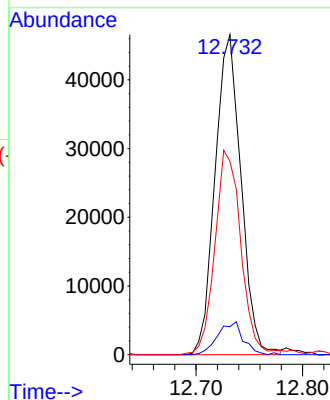
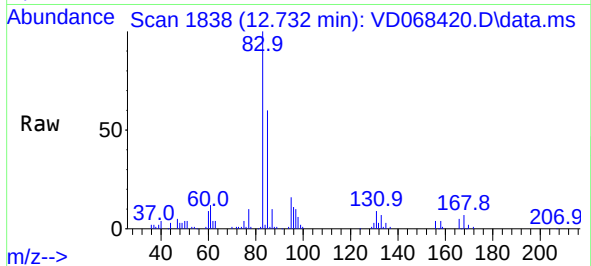
#75
1,1,2,2-Tetrachloroethane
Concen: 22.47 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion:	83	Resp:	78857
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.8	17.4
85	63.5	32.4	97.2

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

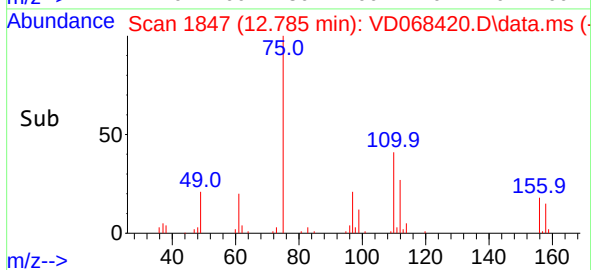
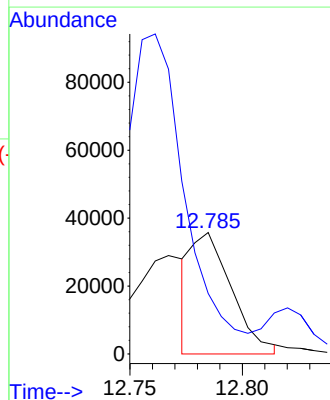
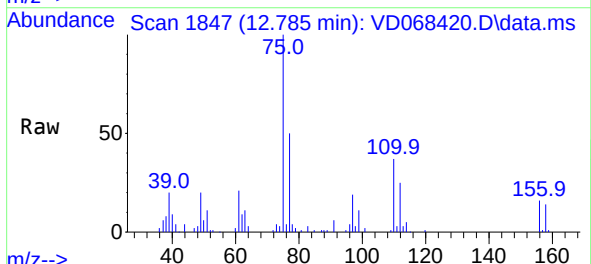
Manual Integrations
APPROVED

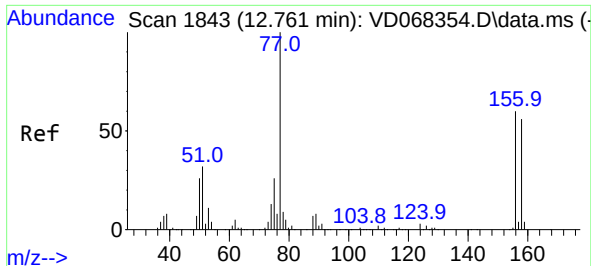
MMDadoda
2/24/2021 1:35:21 PM



#76
1,2,3-Trichloropropane
Concen: 16.94 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion:	75	Resp:	44682
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 22.04 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

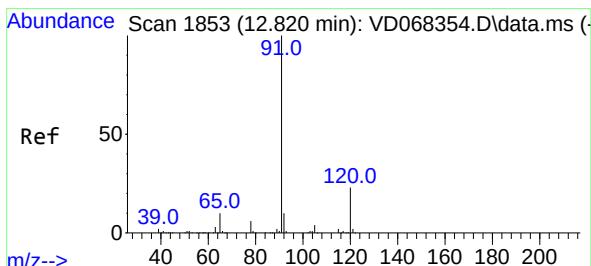
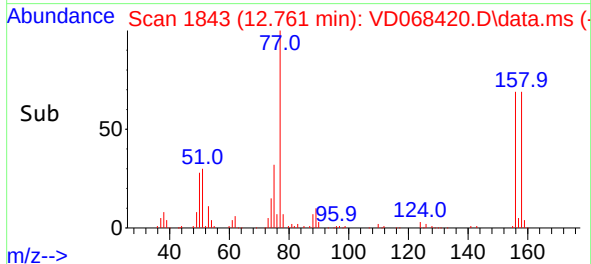
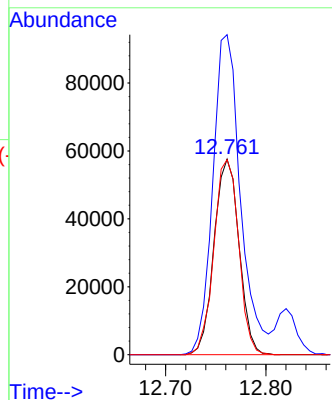
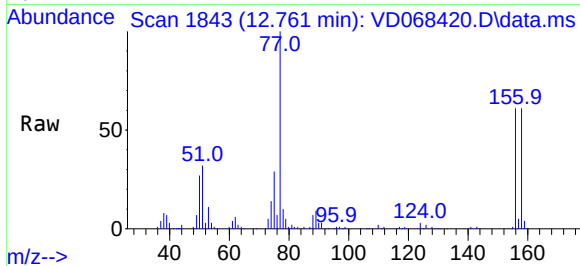
Tgt Ion:156 Resp: 99703

Ion	Ratio	Lower	Upper
156	100		
77	181.0	82.8	248.3
158	98.9	48.0	144.0

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

Manual Integrations
APPROVED

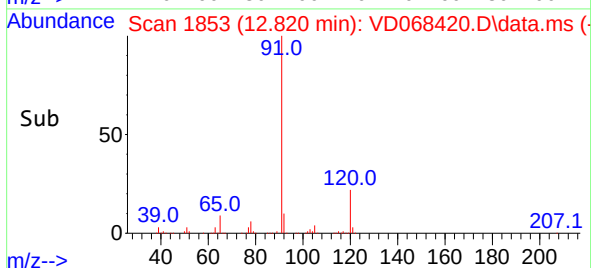
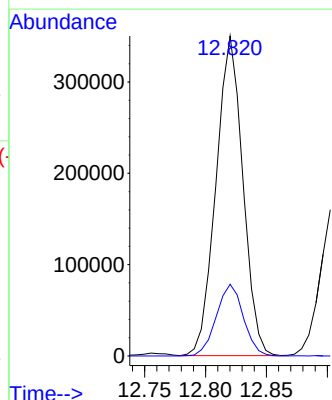
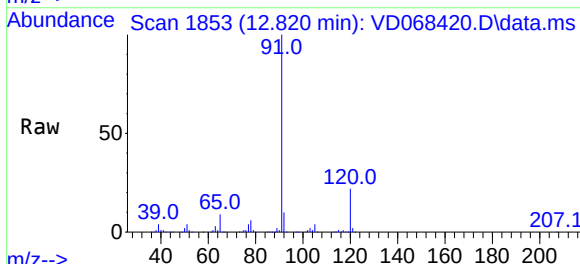
MMDadoda
2/24/2021 1:35:21 PM

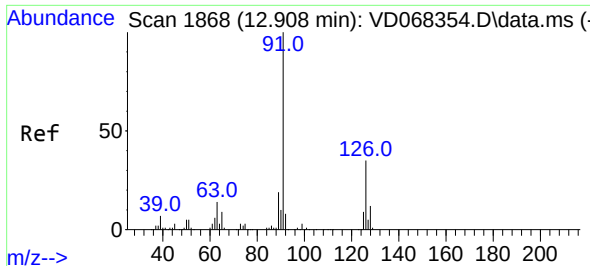


#78
n-propylbenzene
Concen: 22.14 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 91 Resp: 536520

Ion	Ratio	Lower	Upper
91	100		
120	22.6	12.0	36.0





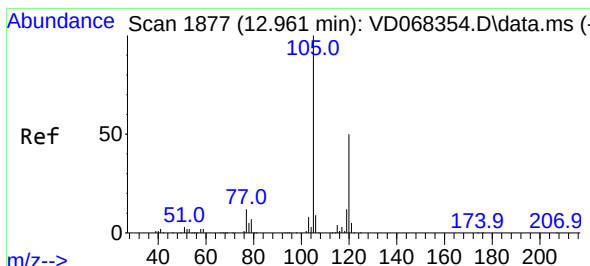
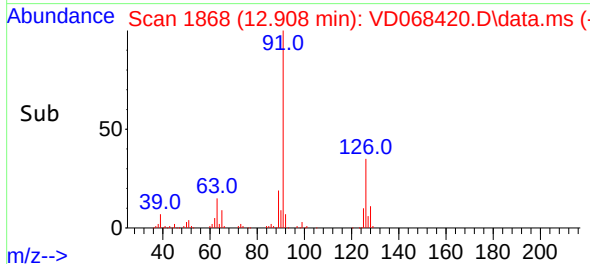
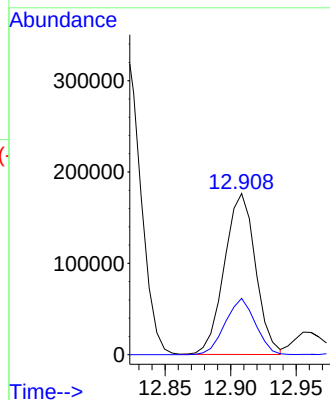
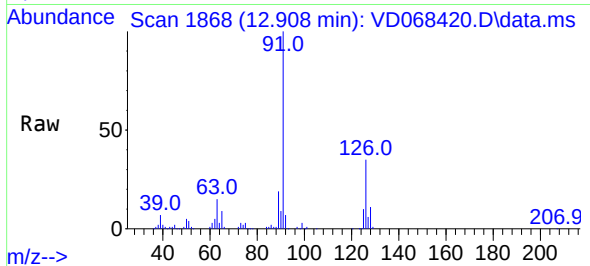
#79
2-Chlorotoluene
Concen: 21.72 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

Tgt Ion: 91 Resp: 291575
Ion Ratio Lower Upper
91 100
126 33.8 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

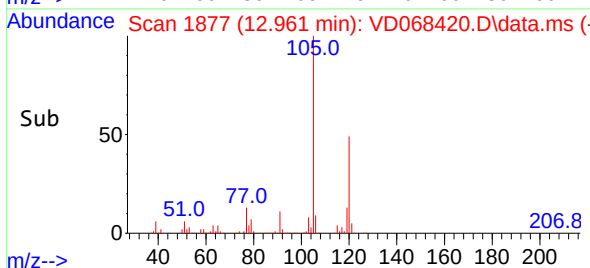
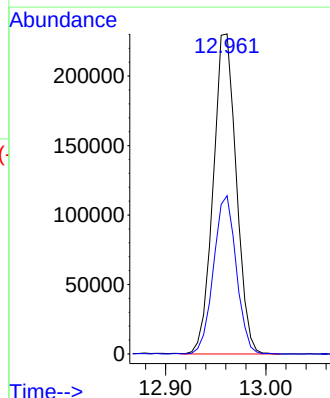
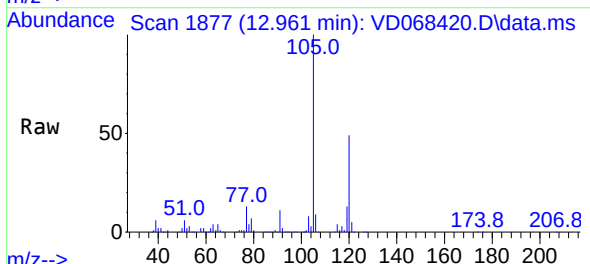
Manual Integrations
APPROVED

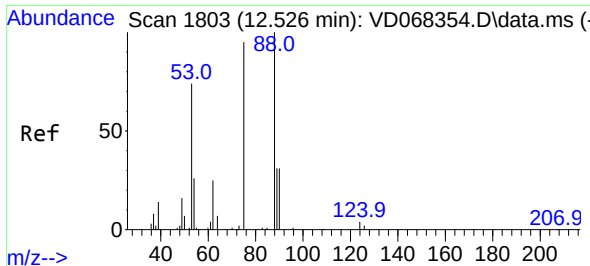
MMDadoda
2/24/2021 1:35:21 PM



#80
1,3,5-Trimethylbenzene
Concen: 22.27 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

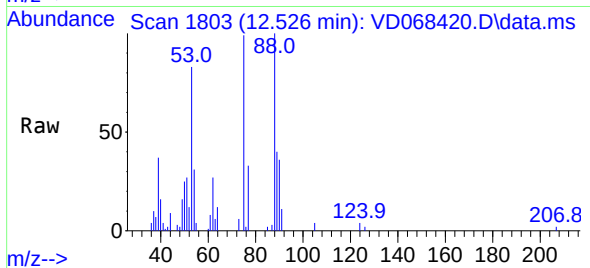
Tgt Ion: 105 Resp: 368410
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 21.89 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

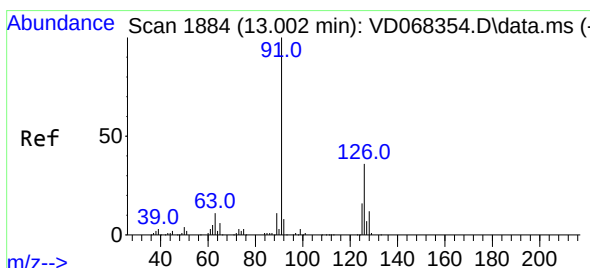
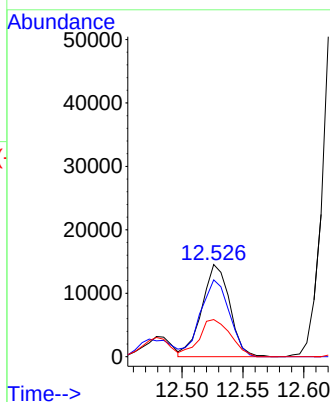
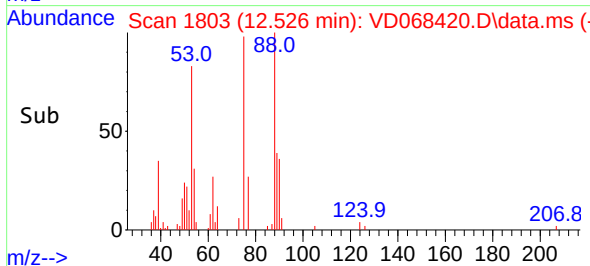
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01



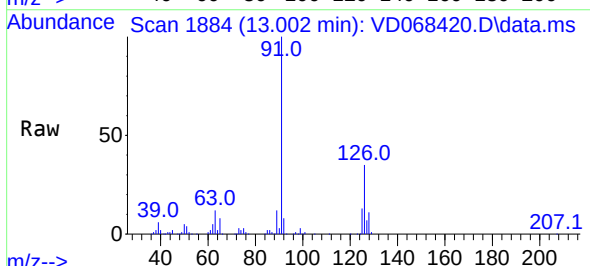
Tgt Ion: 75 Resp: 23031
Ion Ratio Lower Upper
75 100
53 86.7 70.2 105.2
89 45.8 40.3 60.5

Manual Integrations
APPROVED

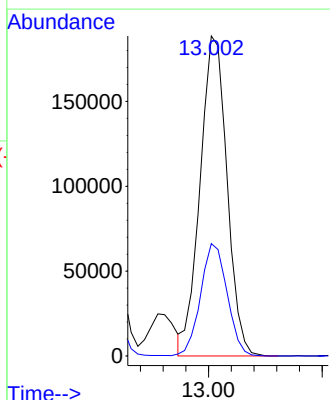
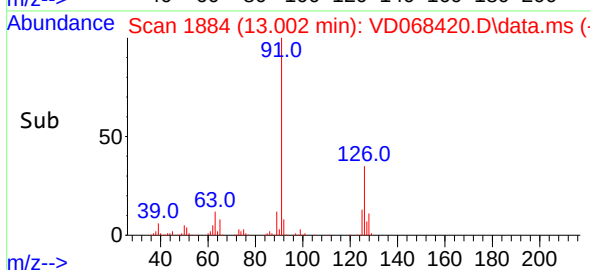
MMDadoda
2/24/2021 1:35:21 PM

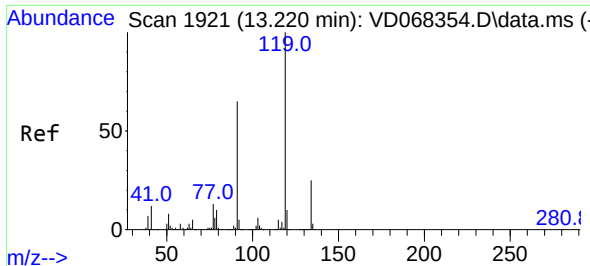


#82
4-Chlorotoluene
Concen: 21.90 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

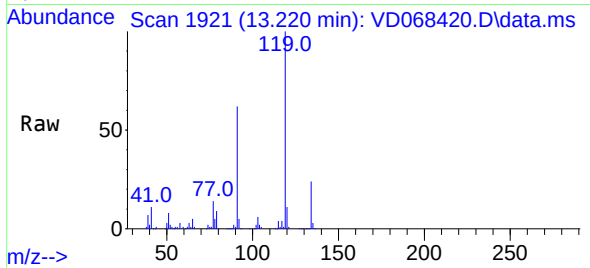


Tgt Ion: 91 Resp: 310823
Ion Ratio Lower Upper
91 100
126 34.6 17.7 53.1

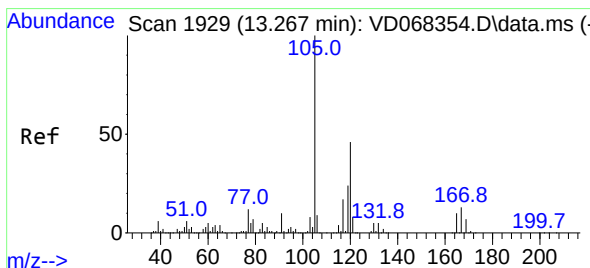
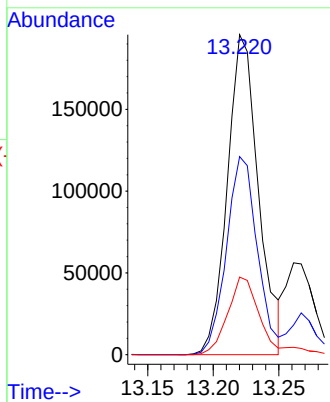
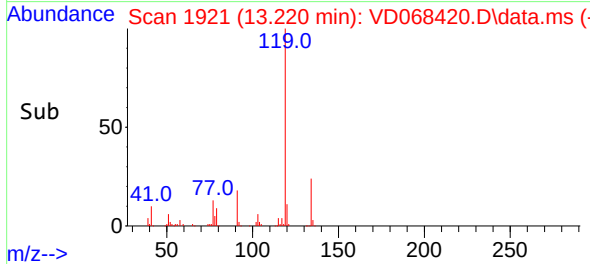




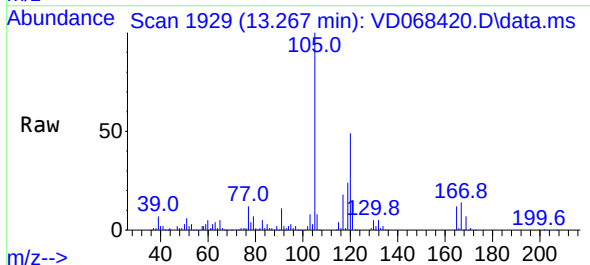
#83
tert-Butylbenzene
Concen: 22.57 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



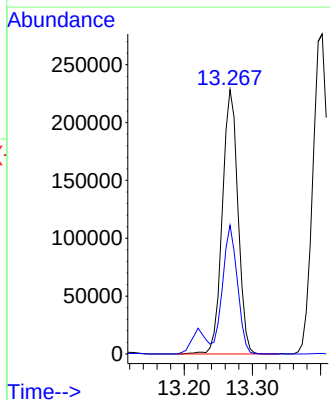
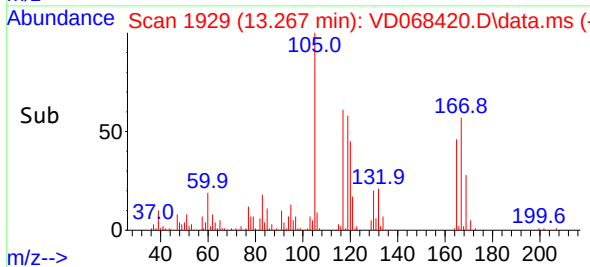
Tgt Ion:119 Resp: 323965
Ion Ratio Lower Upper
119 100
91 61.3 31.1 93.5
134 25.8 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 22.11 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



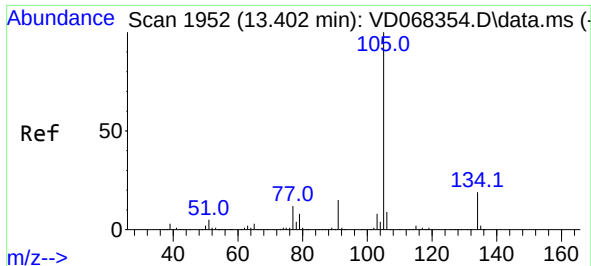
Tgt Ion:105 Resp: 364382
Ion Ratio Lower Upper
105 100
120 46.3 22.4 67.0



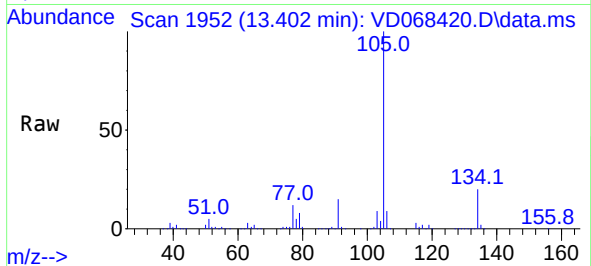
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

Manual Integrations
APPROVED

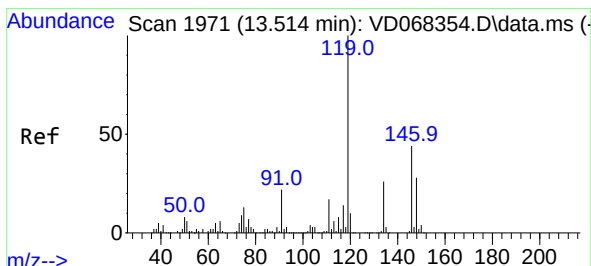
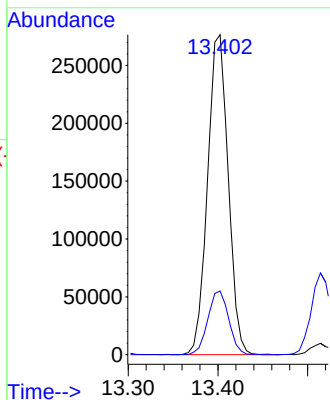
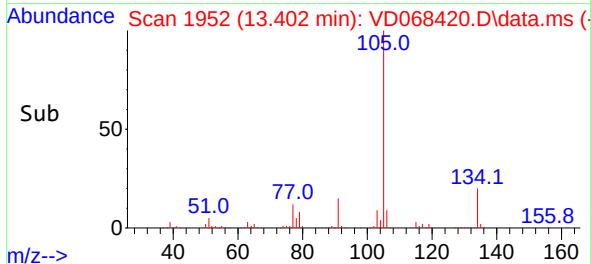
MMDadoda
2/24/2021 1:35:21 PM



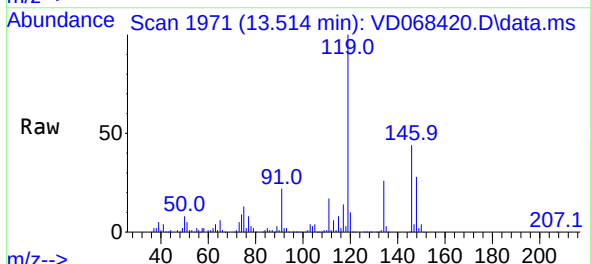
#85
sec-Butylbenzene
Concen: 22.02 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



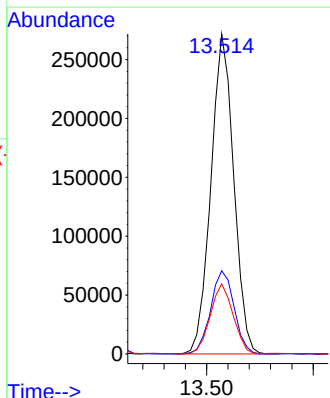
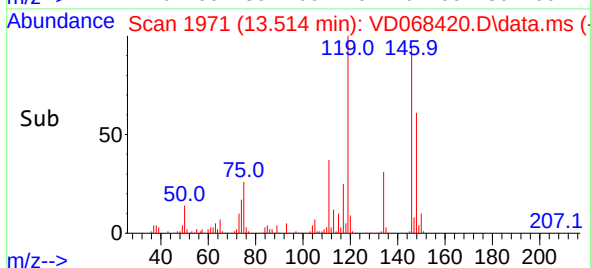
Tgt Ion:105 Resp: 442085
Ion Ratio Lower Upper
105 100
134 20.2 10.3 30.9



#86
p-Isopropyltoluene
Concen: 22.41 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



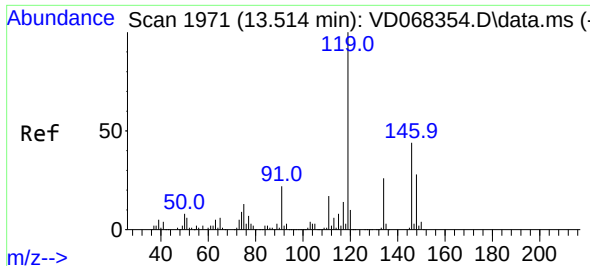
Tgt Ion:119 Resp: 403945
Ion Ratio Lower Upper
119 100
134 26.7 12.9 38.7
91 22.0 11.7 35.0



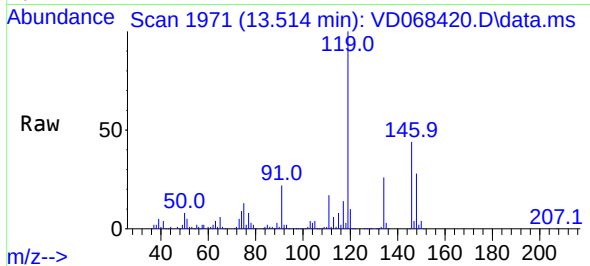
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

Manual Integrations
APPROVED

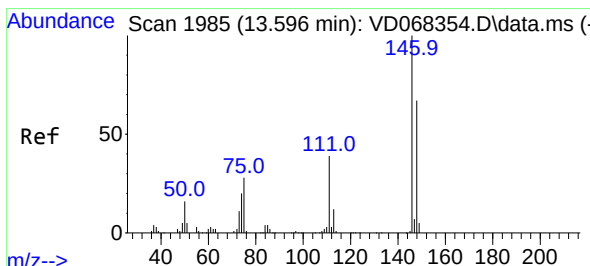
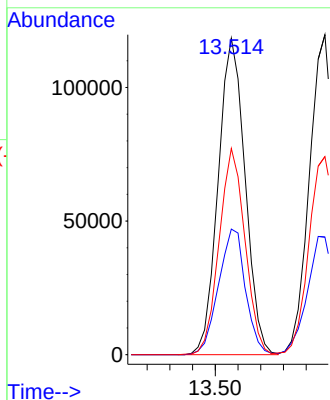
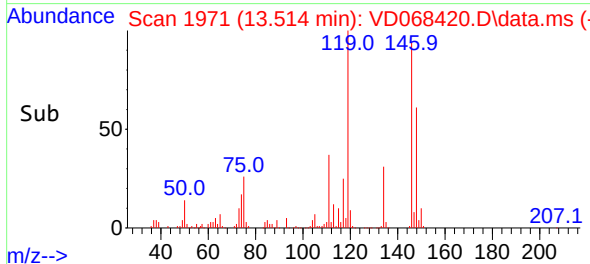
MMDadoda
2/24/2021 1:35:21 PM



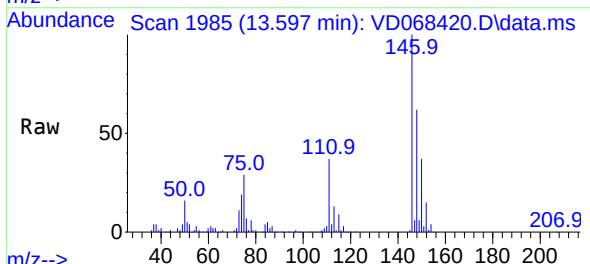
#87
1,3-Dichlorobenzene
Concen: 22.27 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



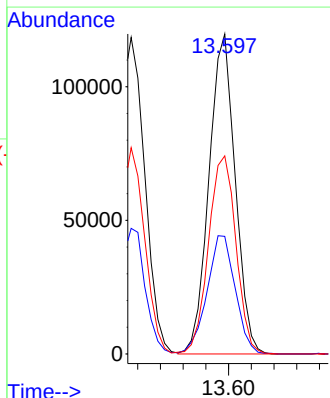
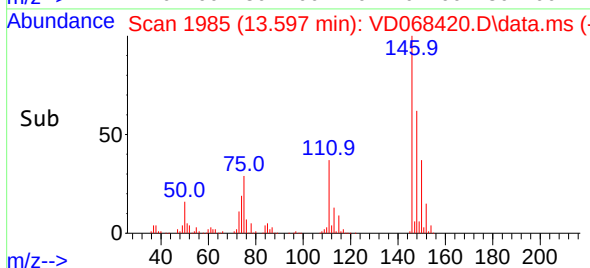
Tgt Ion:146 Resp: 194879
Ion Ratio Lower Upper
146 100
111 39.9 19.5 58.5
148 62.6 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 22.07 ug/l
RT: 13.597 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



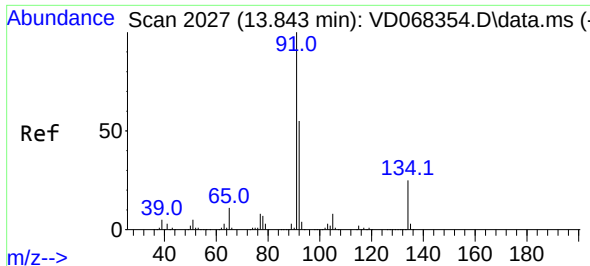
Tgt Ion:146 Resp: 192166
Ion Ratio Lower Upper
146 100
111 39.9 19.1 57.1
148 64.9 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

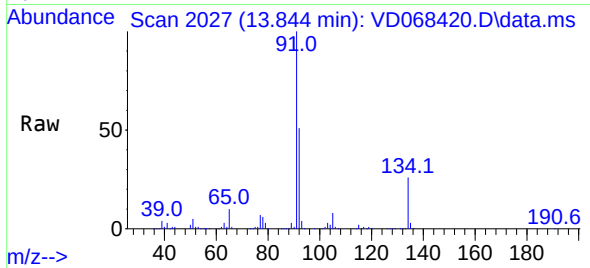
Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:21 PM



#89
n-Butylbenzene
Concen: 21.88 ug/l
RT: 13.844 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

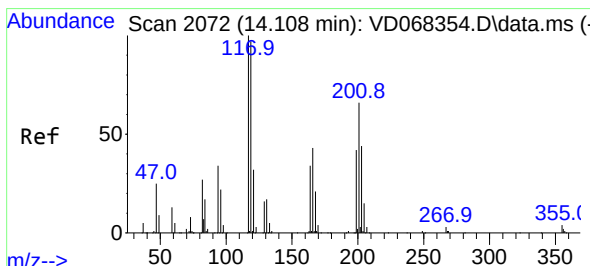
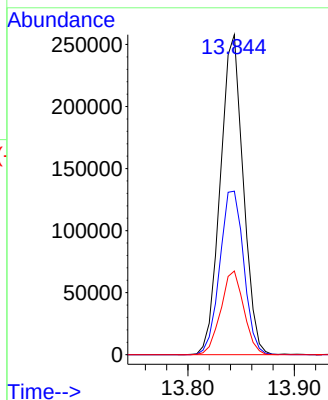
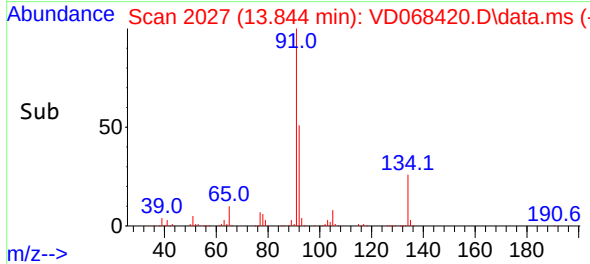
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01



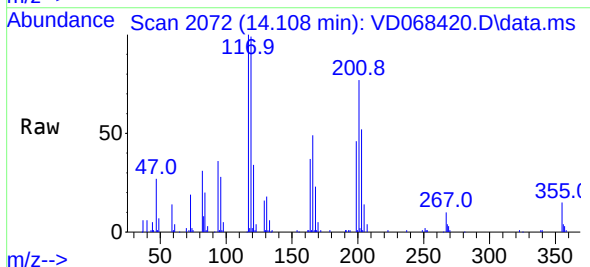
Tgt Ion: 91 Resp: 384828
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.6
134 26.3 13.9 41.7

Manual Integrations
APPROVED

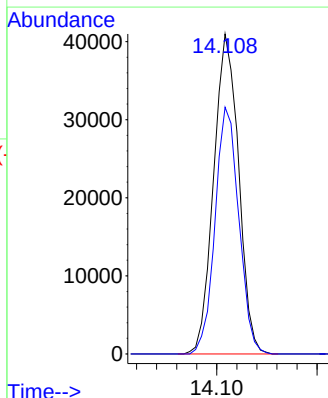
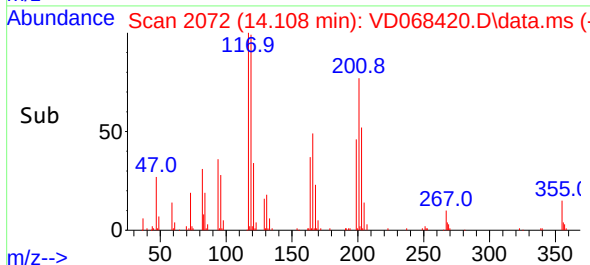
MMDadoda
2/24/2021 1:35:21 PM

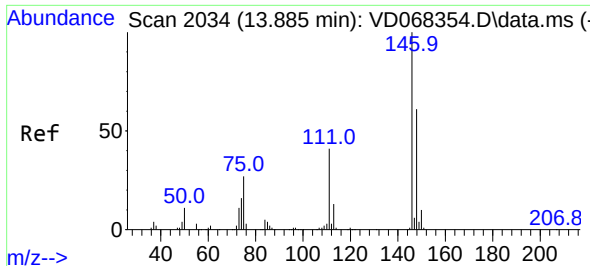


#90
Hexachloroethane
Concen: 21.61 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



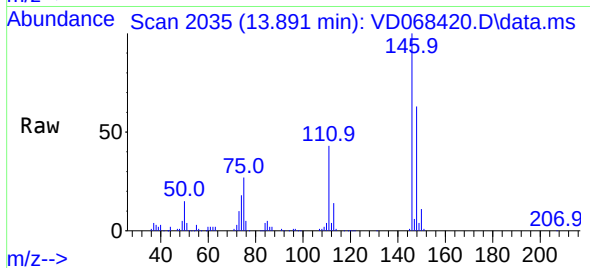
Tgt Ion: 117 Resp: 70696
Ion Ratio Lower Upper
117 100
201 73.4 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 21.98 ug/l
RT: 13.891 min Scan# 2035
Delta R.T. 0.006 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

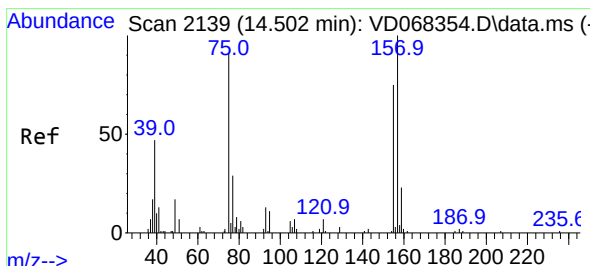
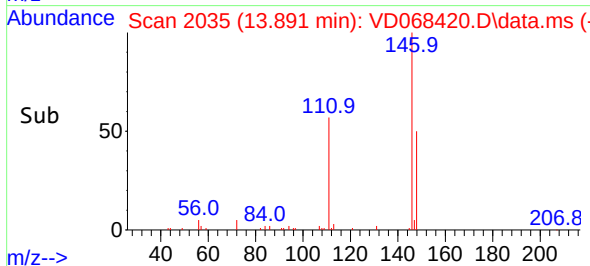
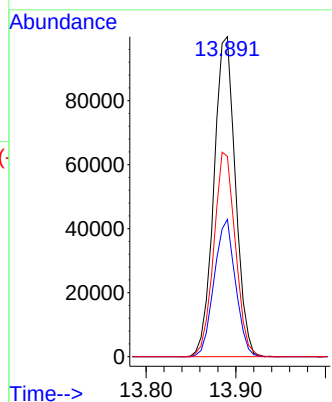
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01



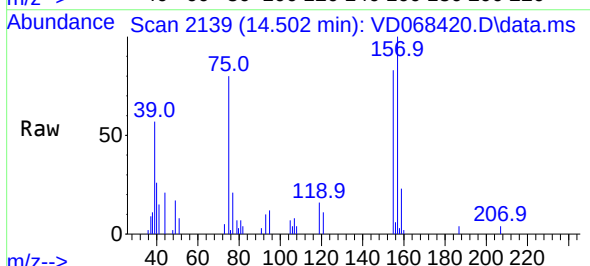
Tgt Ion:146 Resp: 166761
Ion Ratio Lower Upper
146 100
111 42.4 20.3 60.9
148 64.0 31.7 95.1

Manual Integrations
APPROVED

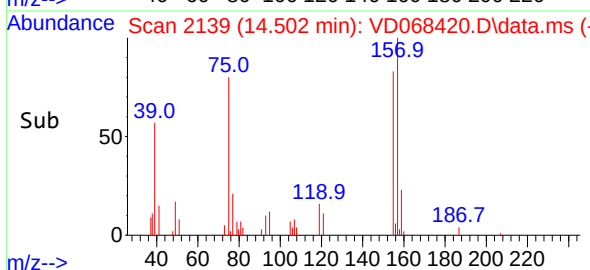
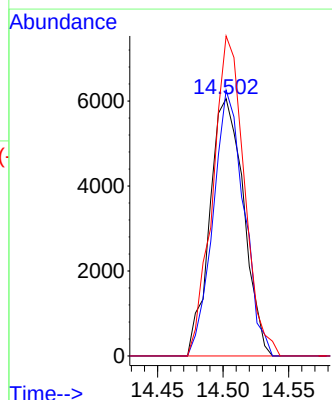
MMDadoda
2/24/2021 1:35:21 PM

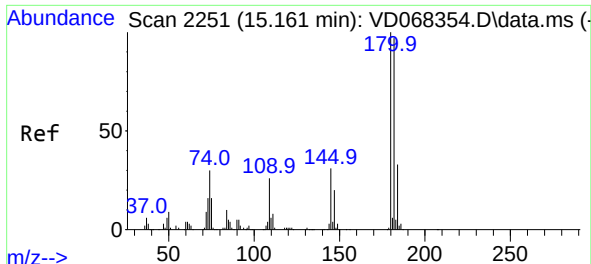


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.21 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26

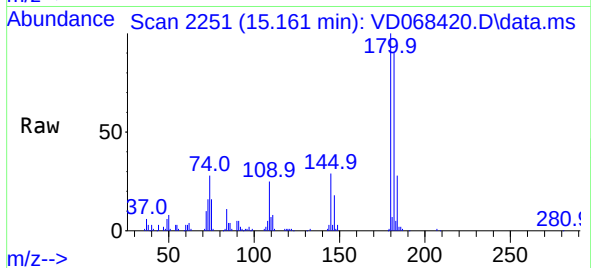


Tgt Ion: 75 Resp: 10881
Ion Ratio Lower Upper
75 100
155 94.1 48.0 144.2
157 115.7 65.0 194.8

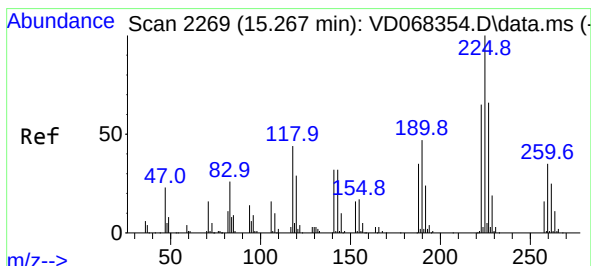
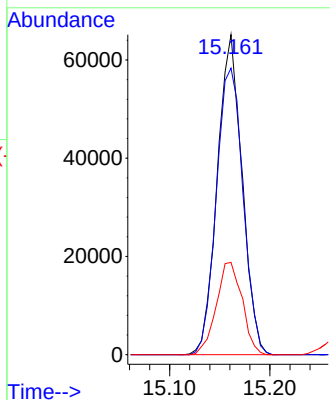
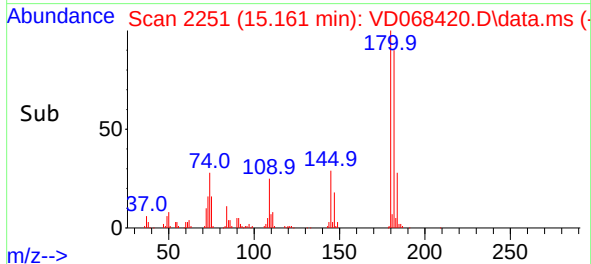




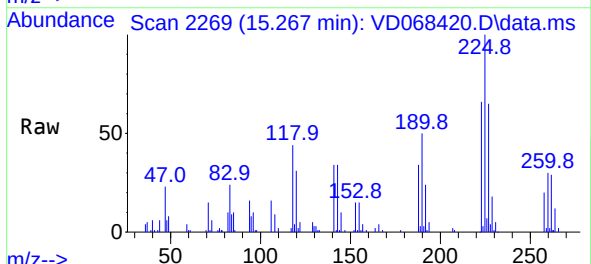
#93
1,2,4-Trichlorobenzene
Concen: 22.49 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



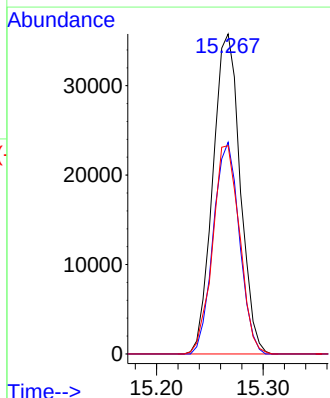
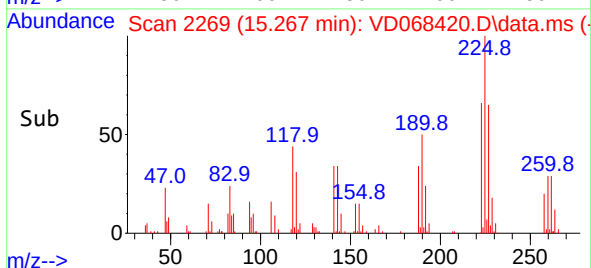
Tgt Ion:180 Resp: 111773
Ion Ratio Lower Upper
180 100
182 96.5 46.8 140.4
145 30.1 15.2 45.5



#94
Hexachlorobutadiene
Concen: 23.30 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



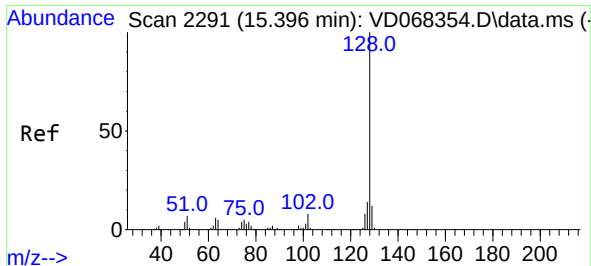
Tgt Ion:225 Resp: 63681
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.5
227 64.2 32.1 96.5



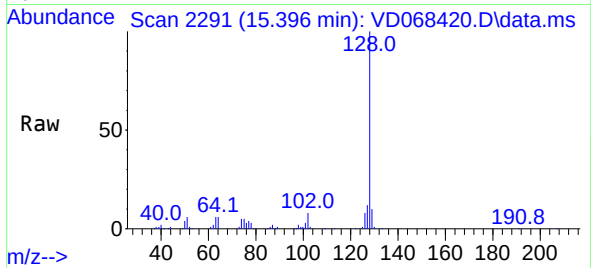
Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

Manual Integrations
APPROVED

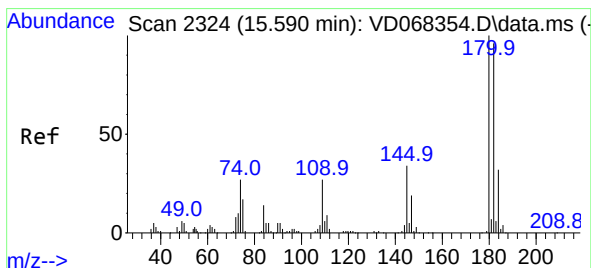
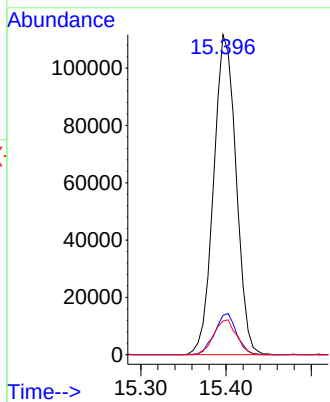
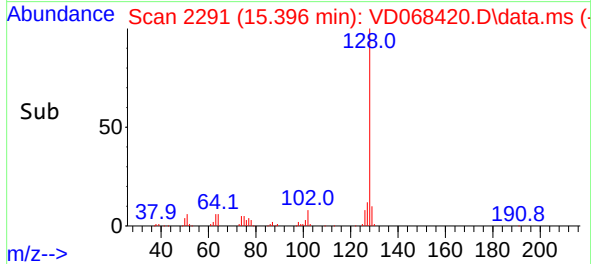
MMDadoda
2/24/2021 1:35:21 PM



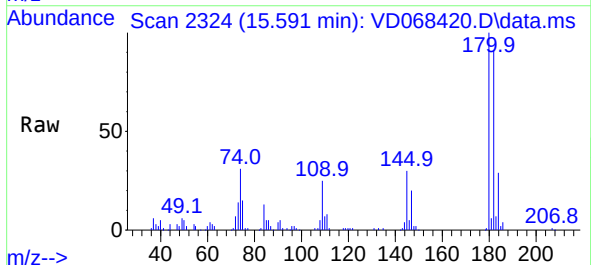
#95
Naphthalene
Concen: 22.13 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



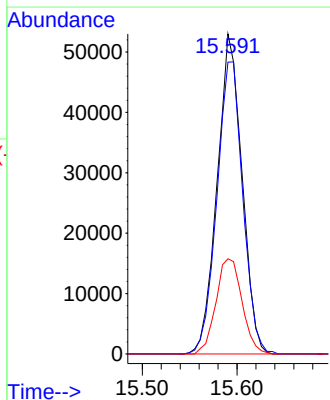
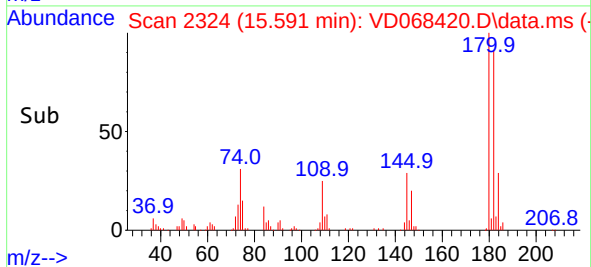
Tgt Ion:	128	Resp:	204500
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.2
129	11.1	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 22.26 ug/l
RT: 15.591 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068420.D
Acq: 23 Feb 2021 12:26



Tgt Ion:	180	Resp:	96487
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.3	144.8
145	31.3	16.7	50.1



Instrument :
MSVOA_D
ClientSampleId :
VD0223SBSD01

Manual Integrations
APPROVED

MMDadoda
2/24/2021 1:35:21 PM