

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068635.D
 Acq On : 17 Mar 2021 13:52
 Operator : VA/SY
 Sample : VD0317SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0317SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/18/2021 2:17:59 PM

Quant Time: Mar 18 00:55:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	240726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	408650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	374881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	209960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	116938	48.62	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.24%		
35) Dibromofluoromethane	7.920	113	123373	50.12	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.24%		
50) Toluene-d8	10.338	98	473166	48.26	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.52%		
62) 4-Bromofluorobenzene	12.632	95	160813	50.89	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.78%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	48737	20.86	ug/l	97
3) Chloromethane	2.209	50	62037	21.01	ug/l	99
4) Vinyl Chloride	2.350	62	77277	22.04	ug/l	96
5) Bromomethane	2.756	94	52840	21.17	ug/l	98
6) Chloroethane	2.915	64	47974	21.16	ug/l	89
7) Trichlorofluoromethane	3.273	101	90978	22.75	ug/l	99
8) Diethyl Ether	3.709	74	24604	20.66	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.103	101	55381	22.73	ug/l	94
10) Methyl Iodide	4.303	142	51227	19.28	ug/l	96
11) Tert butyl alcohol	5.220	59	15471	120.47	ug/l #	90
12) 1,1-Dichloroethene	4.068	96	51959	21.49	ug/l	99
13) Acrolein	3.926	56	13851	75.47	ug/l	95
14) Allyl chloride	4.720	41	64523	20.67	ug/l	97
15) Acrylonitrile	5.426	53	60971	121.33	ug/l	97
16) Acetone	4.168	43	39358	103.02	ug/l	93
17) Carbon Disulfide	4.403	76	163083	20.59	ug/l	97
18) Methyl Acetate	4.715	43	21004	21.33	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	125554	23.95	ug/l	99
20) Methylene Chloride	4.968	84	67019	21.05	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	68609	23.77	ug/l	96
22) Diisopropyl ether	6.362	45	147164	21.41	ug/l	96
23) Vinyl Acetate	6.309	43	366217	102.69	ug/l	99
24) 1,1-Dichloroethane	6.267	63	102558	21.77	ug/l	100
25) 2-Butanone	7.209	43	58067	105.73	ug/l	91
26) 2,2-Dichloropropane	7.209	77	89594	22.83	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	68959	21.76	ug/l	98
28) Bromochloromethane	7.544	49	37120	20.18	ug/l #	79
29) Tetrahydrofuran	7.567	42	35874	100.60	ug/l	97
30) Chloroform	7.714	83	107316	21.57	ug/l	100
31) Cyclohexane	7.985	56	87647	20.04	ug/l	96
32) 1,1,1-Trichloroethane	7.909	97	96372	22.69	ug/l	97
36) 1,1-Dichloropropene	8.114	75	83374	21.46	ug/l	98
37) Ethyl Acetate	7.297	43	27507	21.34	ug/l	96
38) Carbon Tetrachloride	8.103	117	82648	22.64	ug/l	99
39) Methylcyclohexane	9.356	83	99760	20.82	ug/l	97
40) Benzene	8.350	78	240911	21.62	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068635.D
 Acq On : 17 Mar 2021 13:52
 Operator : VA/SY
 Sample : VD0317SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0317SBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/18/2021 2:17:59 PM

Quant Time: Mar 18 00:55:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	14949m	19.98	ug/l	
42) 1,2-Dichloroethane	8.426	62	65774	22.45	ug/l	97
43) Isopropyl Acetate	8.456	43	51416	21.71	ug/l	98
44) Trichloroethene	9.114	130	68892	22.52	ug/l	100
45) 1,2-Dichloropropane	9.391	63	60764	22.81	ug/l	96
46) Dibromomethane	9.479	93	30896	21.32	ug/l	95
47) Bromodichloromethane	9.667	83	85179	22.72	ug/l	97
48) Methyl methacrylate	9.461	41	26763	21.20	ug/l	91
49) 1,4-Dioxane	9.467	88	7283	440.70	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	132510	106.90	ug/l	99
52) Toluene	10.403	92	156512	22.00	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	76001	21.94	ug/l	95
54) cis-1,3-Dichloropropene	10.091	75	89886	21.26	ug/l #	94
55) 1,1,2-Trichloroethane	10.803	97	45902	22.89	ug/l	95
56) Ethyl methacrylate	10.661	69	48390	20.99	ug/l	97
57) 1,3-Dichloropropane	10.944	76	75496	21.57	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	107455	92.92	ug/l	95
59) 2-Hexanone	10.985	43	88666	107.32	ug/l	97
60) Dibromochloromethane	11.138	129	55055	22.18	ug/l	99
61) 1,2-Dibromoethane	11.244	107	41739	21.27	ug/l	97
64) Tetrachloroethene	10.879	164	56190	22.95	ug/l	94
65) Chlorobenzene	11.667	112	168752	22.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	59045	22.25	ug/l	97
67) Ethyl Benzene	11.744	91	300557	22.06	ug/l	99
68) m/p-Xylenes	11.855	106	236886	45.77	ug/l	99
69) o-Xylene	12.179	106	108256	22.71	ug/l	94
70) Styrene	12.191	104	188910	23.17	ug/l	98
71) Bromoform	12.355	173	32193	23.88	ug/l #	98
73) Isopropylbenzene	12.479	105	295903	19.00	ug/l	100
74) N-amyl acetate	12.285	43	50036	18.86	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	52251	19.50	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	36282m	19.47	ug/l	
77) Bromobenzene	12.755	156	70019	19.70	ug/l	90
78) n-propylbenzene	12.820	91	389564	20.94	ug/l	97
79) 2-Chlorotoluene	12.908	91	217457	21.06	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	264099	20.69	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	15640	19.58	ug/l	98
82) 4-Chlorotoluene	13.002	91	220822	20.32	ug/l	99
83) tert-Butylbenzene	13.220	119	220493	20.29	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	265430	20.77	ug/l	98
85) sec-Butylbenzene	13.396	105	321647	20.95	ug/l	96
86) p-Isopropyltoluene	13.514	119	299362	21.48	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	145146	21.15	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	149931	22.05	ug/l	98
89) n-Butylbenzene	13.838	91	290361	21.60	ug/l	97
90) Hexachloroethane	14.102	117	50790	18.34	ug/l	92
91) 1,2-Dichlorobenzene	13.885	146	130237	22.12	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8738	18.50	ug/l	96
93) 1,2,4-Trichlorobenzene	15.161	180	89150	19.61	ug/l	99
94) Hexachlorobutadiene	15.261	225	52107	20.65	ug/l	99
95) Naphthalene	15.396	128	150396	18.27	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	77235	19.62	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
Data File : VD068635.D
Acq On : 17 Mar 2021 13:52
Operator : VA/SY
Sample : VD0317SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:17:59 PM

Quant Time: Mar 18 00:55:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

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

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

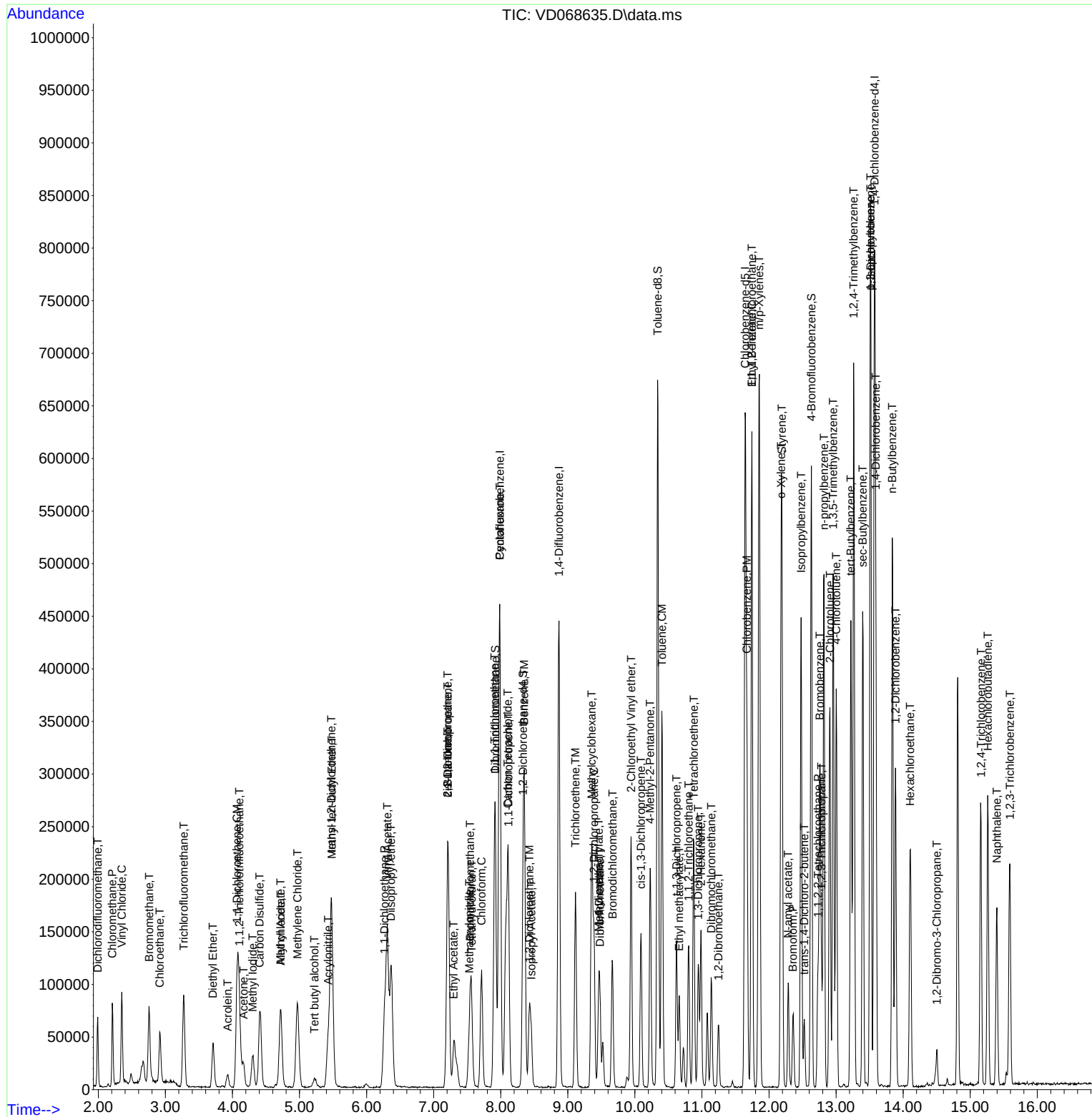
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068635.D
 Acq On : 17 Mar 2021 13:52
 Operator : VA/SY
 Sample : VD0317SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

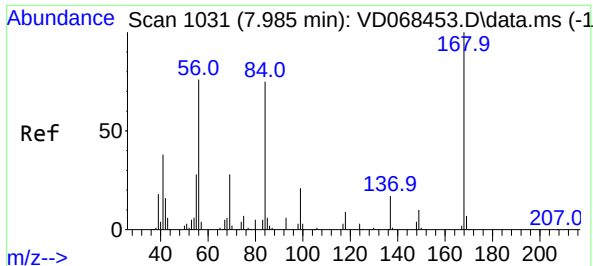
Instrument :
 MSVOA_D
 Client Sample Id :
 VD0317SBSD01

Manual Integrations
 APPROVED

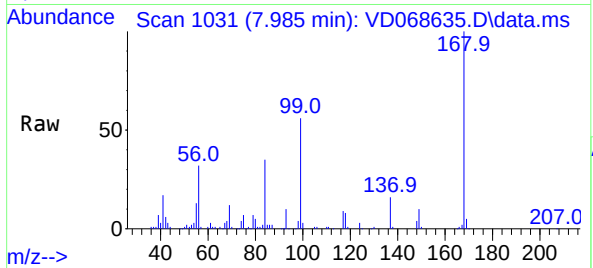
MMDadoda
 3/18/2021 2:17:59 PM

Quant Time: Mar 18 00:55:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

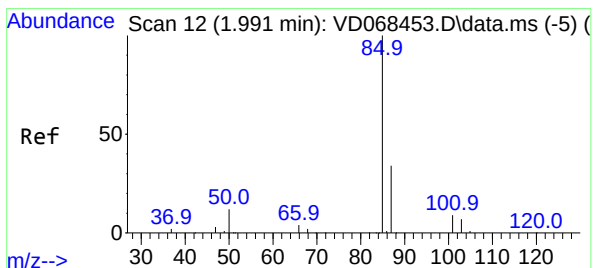
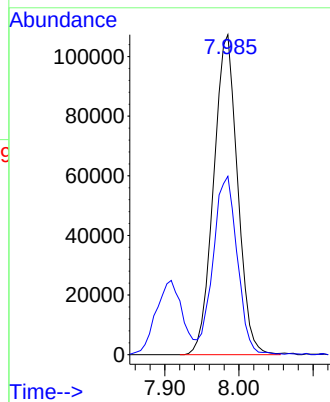
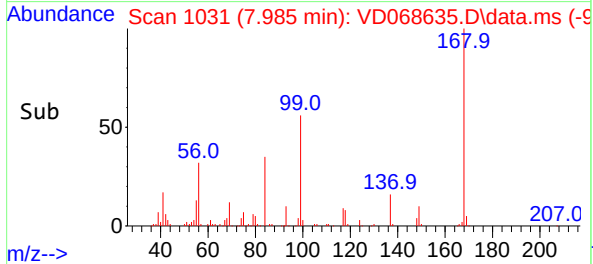




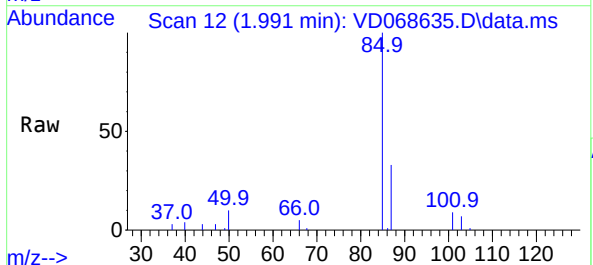
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



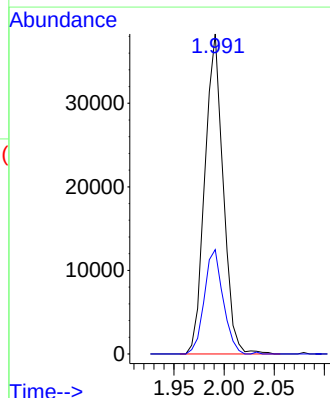
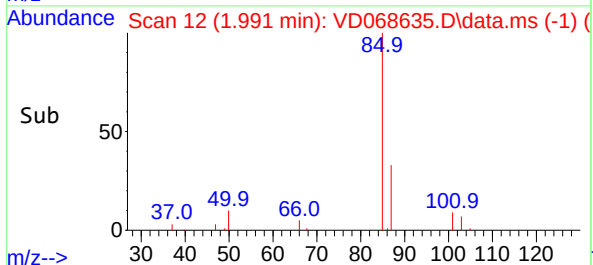
Tgt Ion:168 Resp: 240726
Ion Ratio Lower Upper
168 100
99 55.5 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 20.86 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



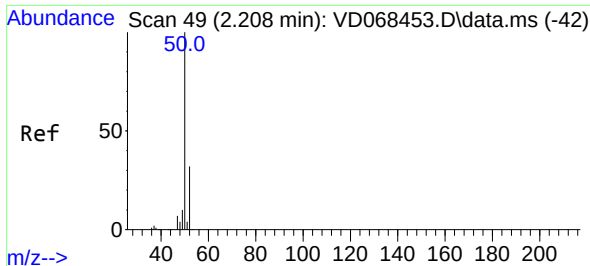
Tgt Ion: 85 Resp: 48737
Ion Ratio Lower Upper
85 100
87 32.6 15.4 46.1



Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:17:59 PM



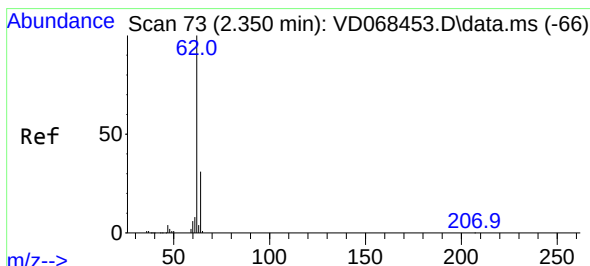
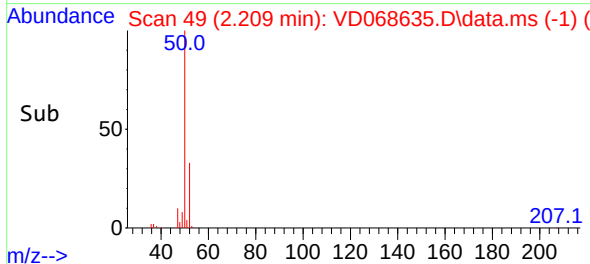
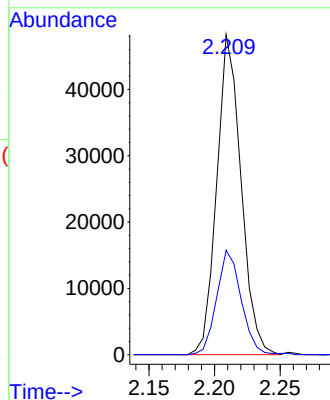
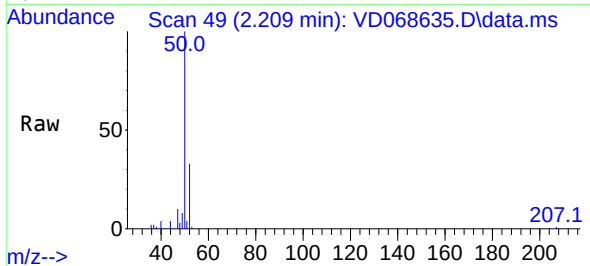
#3
Chloromethane
Concen: 21.01 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 50 Resp: 62037
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

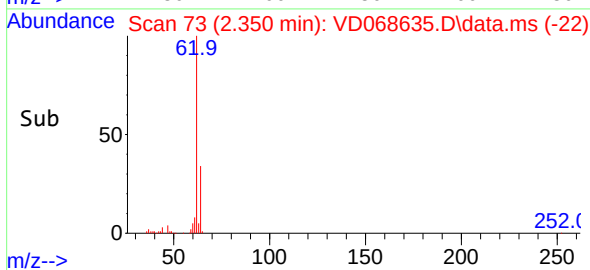
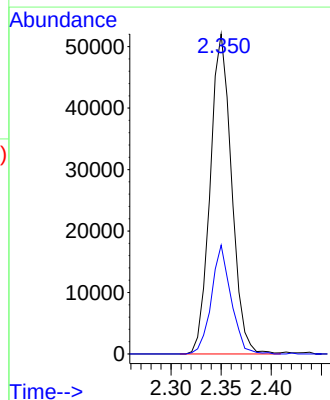
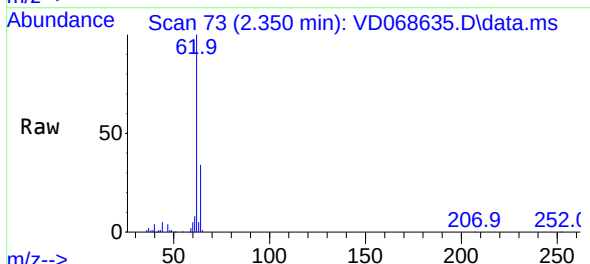
Manual Integrations
APPROVED

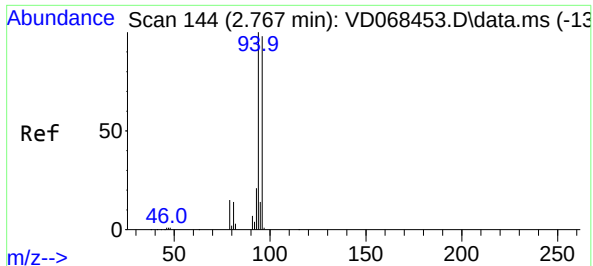
MMDadoda
3/18/2021 2:17:59 PM



#4
Vinyl Chloride
Concen: 22.04 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 62 Resp: 77277
Ion Ratio Lower Upper
62 100
64 34.0 25.4 38.2





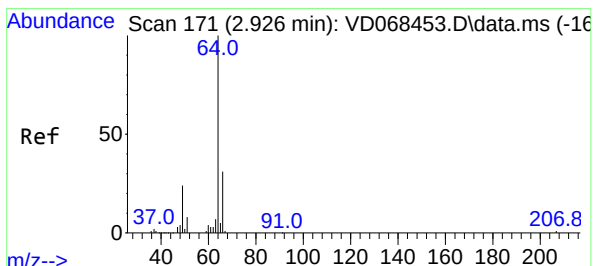
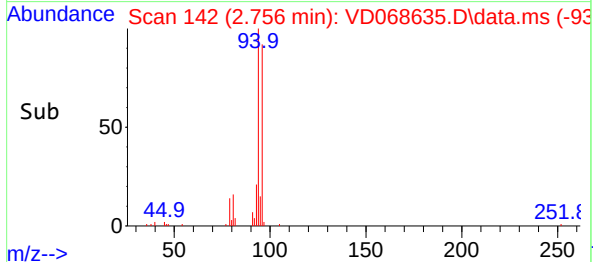
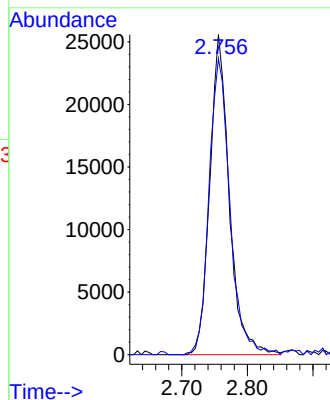
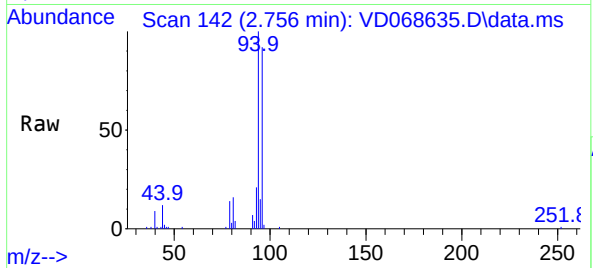
#5
Bromomethane
Concen: 21.17 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.011 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 94 Resp: 52840
Ion Ratio Lower Upper
94 100
96 92.5 75.8 113.8

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

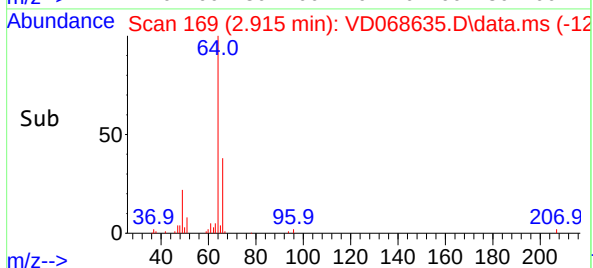
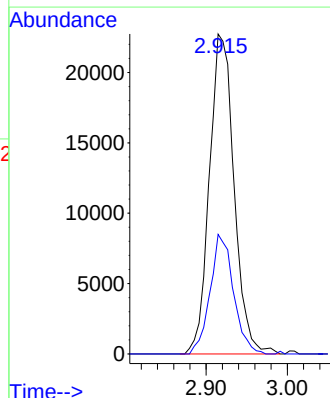
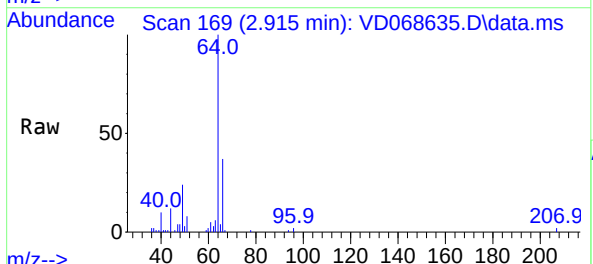
Manual Integrations
APPROVED

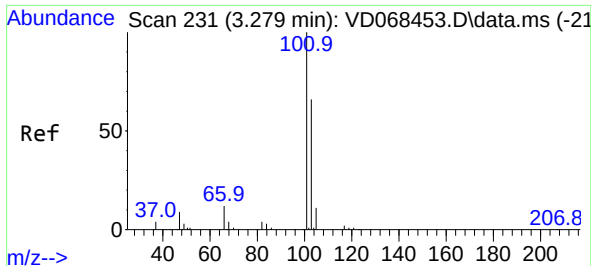
MMDadoda
3/18/2021 2:17:59 PM



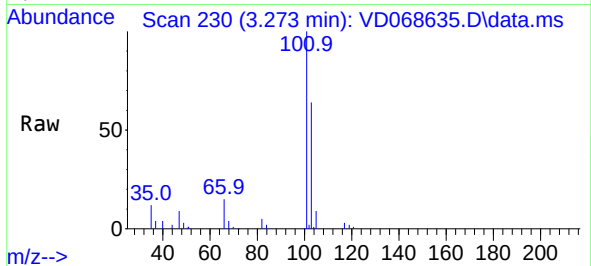
#6
Chloroethane
Concen: 21.16 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.011 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 64 Resp: 47974
Ion Ratio Lower Upper
64 100
66 37.4 25.1 37.7

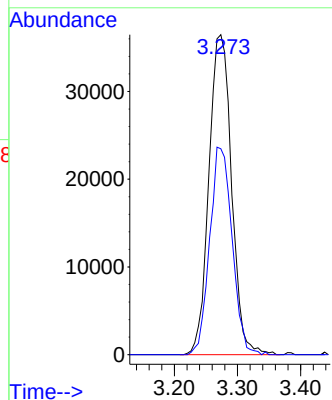




#7
Trichlorofluoromethane
Concen: 22.75 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



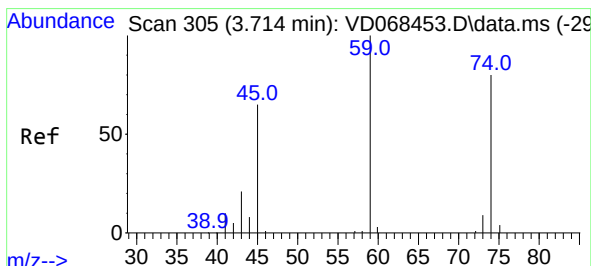
Tgt Ion:101 Resp: 90978
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0



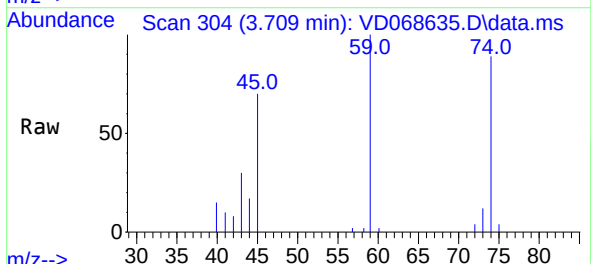
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

Manual Integrations
APPROVED

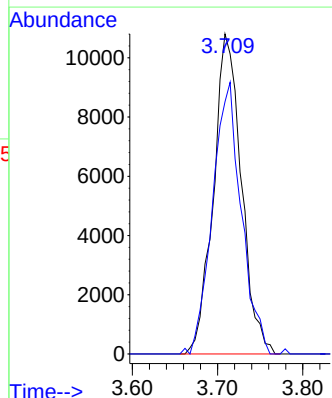
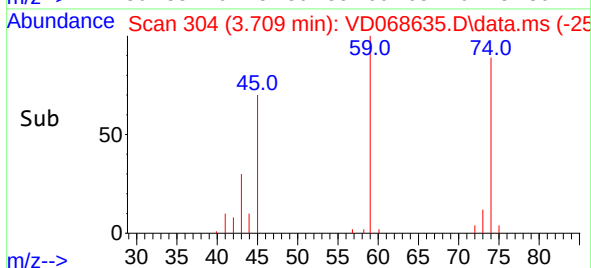
MMDadoda
3/18/2021 2:17:59 PM

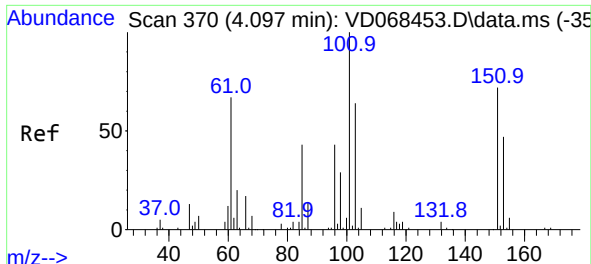


#8
Diethyl Ether
Concen: 20.66 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



Tgt Ion: 74 Resp: 24604
Ion Ratio Lower Upper
74 100
45 87.6 42.1 126.4





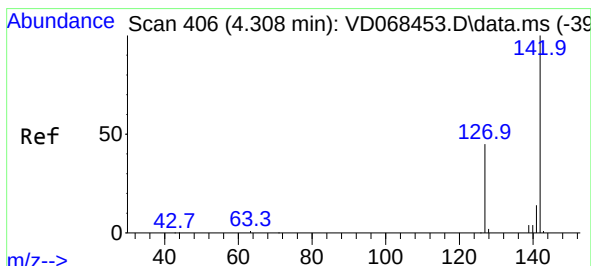
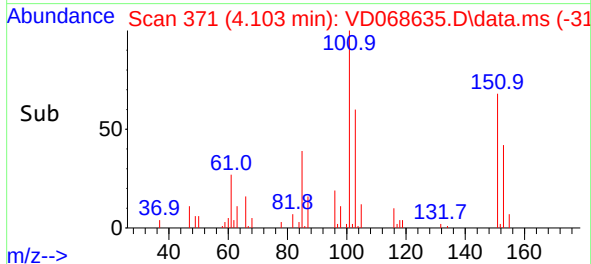
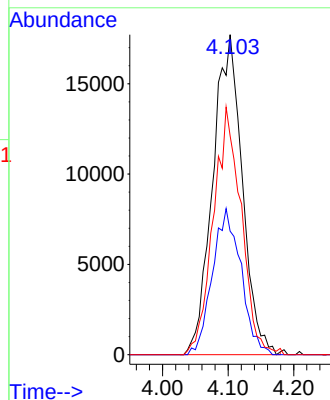
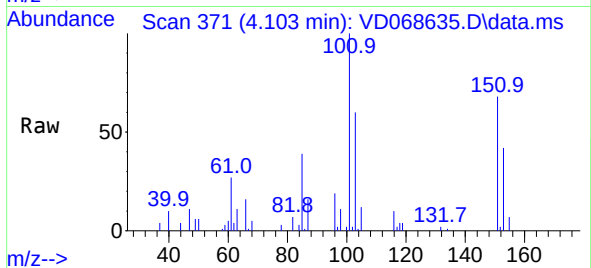
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.73 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion:	101	Resp:	55381
Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.0	51.0
151	73.1	64.1	96.1

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

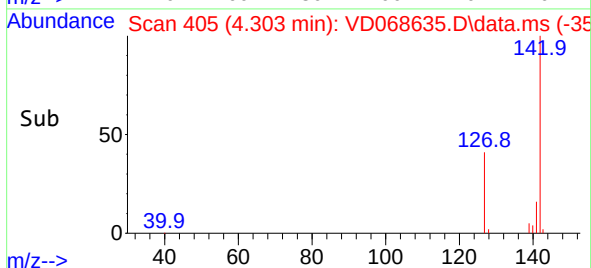
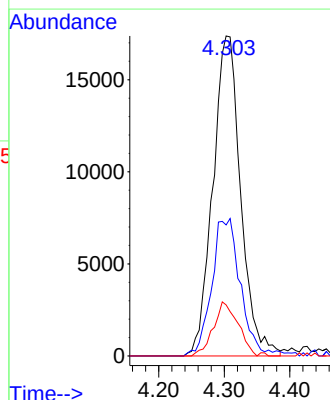
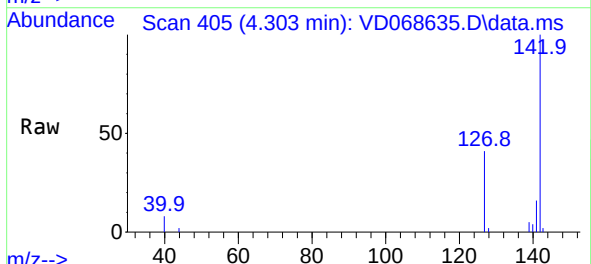
Manual Integrations
APPROVED

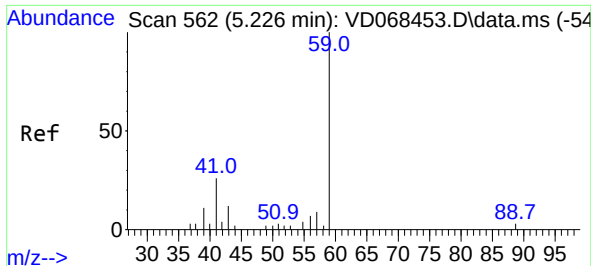
MMDadoda
3/18/2021 2:17:59 PM



#10
Methyl Iodide
Concen: 19.28 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

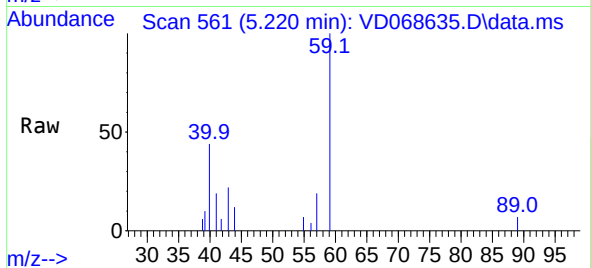
Tgt Ion:	142	Resp:	51227
Ion	Ratio	Lower	Upper
142	100		
127	44.6	37.9	56.9
141	14.9	11.5	17.3





#11
Tert butyl alcohol
Concen: 120.47 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

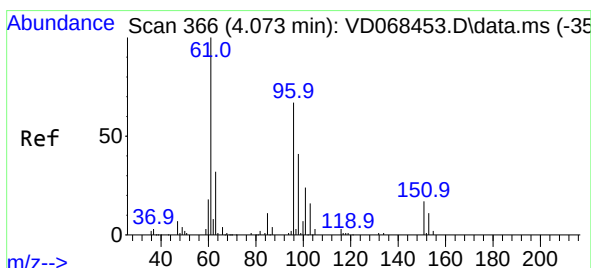
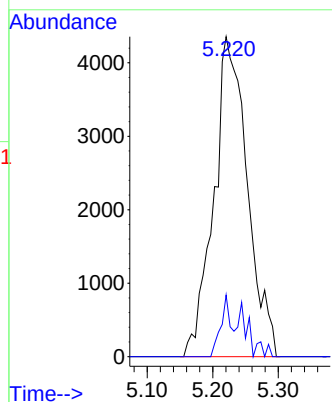
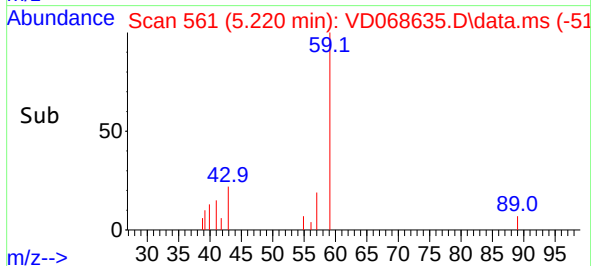
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01



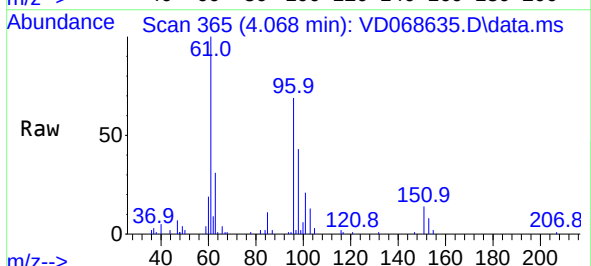
Tgt Ion: 59 Resp: 15471
Ion Ratio Lower Upper
59 100
57 5.8 7.4 11.2#

Manual Integrations
APPROVED

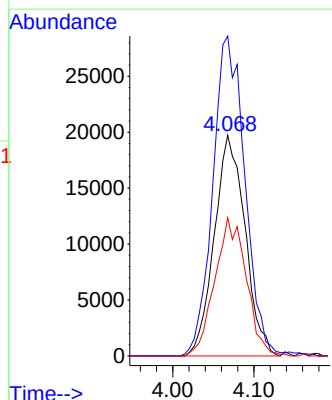
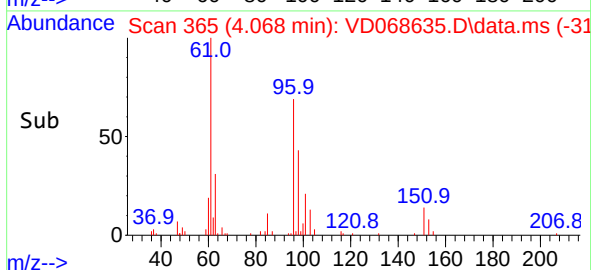
MMDadoda
3/18/2021 2:17:59 PM

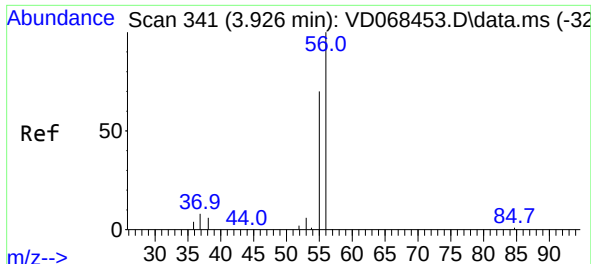


#12
1,1-Dichloroethene
Concen: 21.49 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



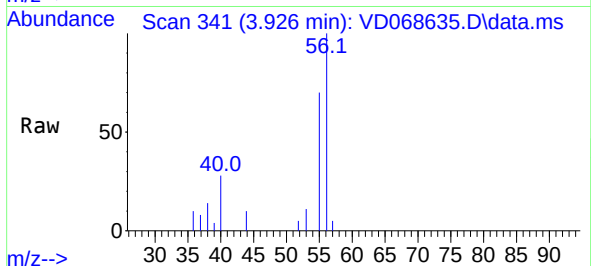
Tgt Ion: 96 Resp: 51959
Ion Ratio Lower Upper
96 100
61 145.1 116.2 174.4
98 62.7 48.6 73.0



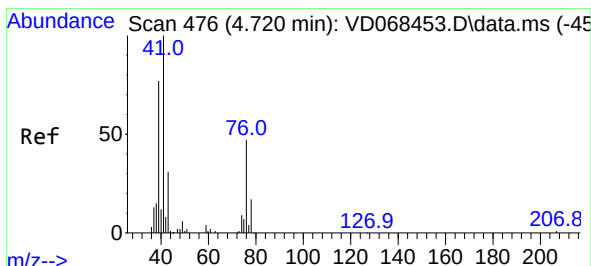
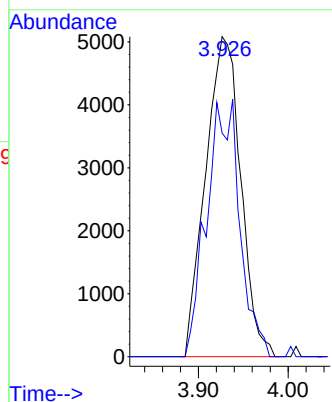
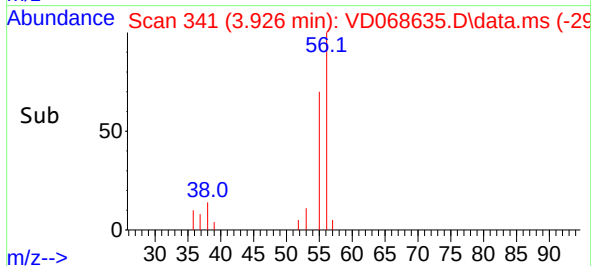


#13
Acrolein
Concen: 75.47 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

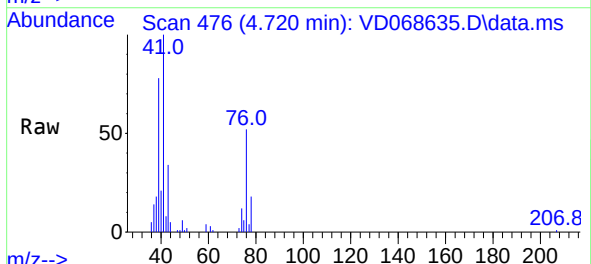
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01



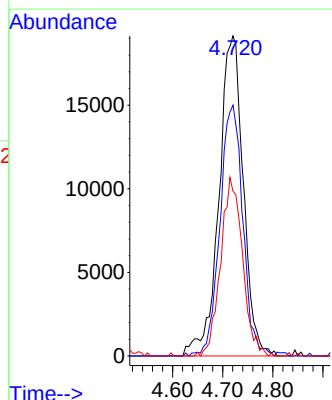
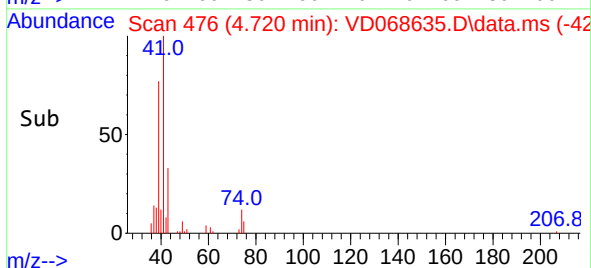
Tgt Ion: 56 Resp: 13851
Ion Ratio Lower Upper
56 100
55 75.0 56.5 84.7

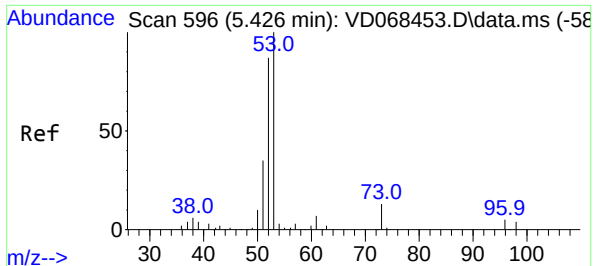


#14
Allyl chloride
Concen: 20.67 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

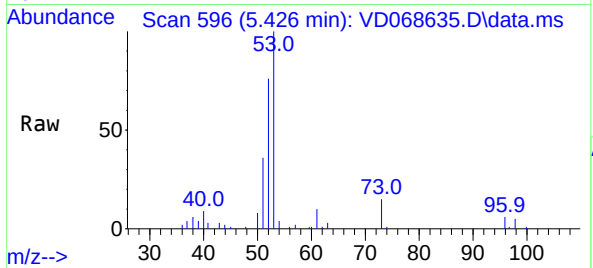


Tgt Ion: 41 Resp: 64523
Ion Ratio Lower Upper
41 100
39 73.6 56.3 84.5
76 50.1 38.9 58.3

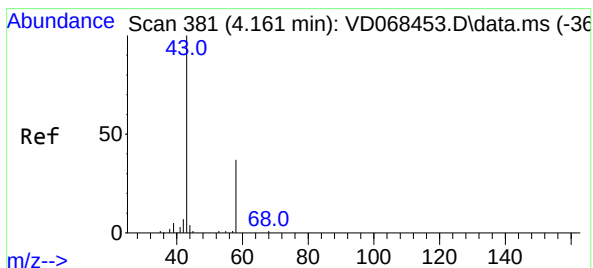
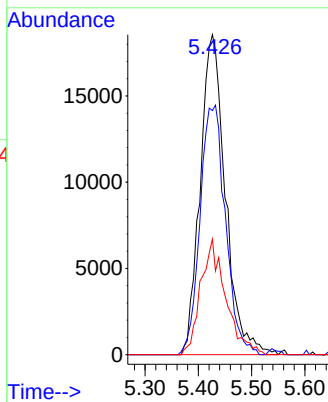
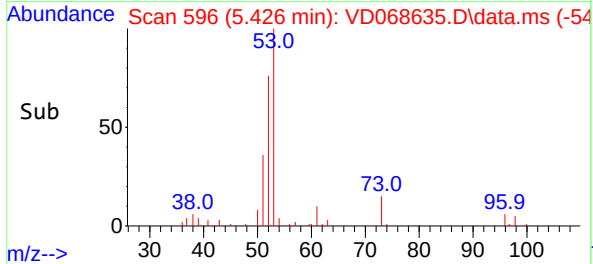




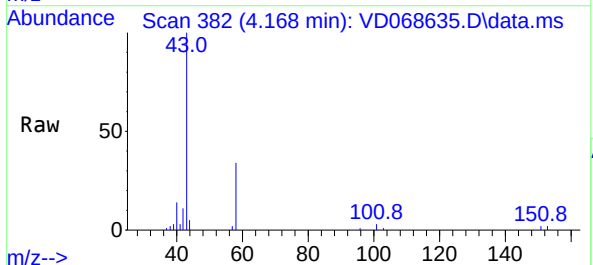
#15
Acrylonitrile
Concen: 121.33 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



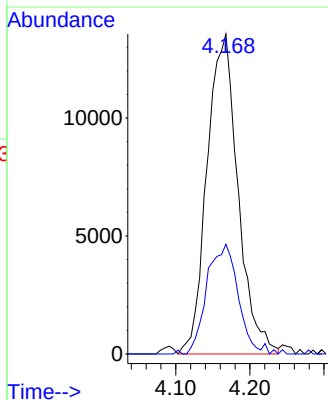
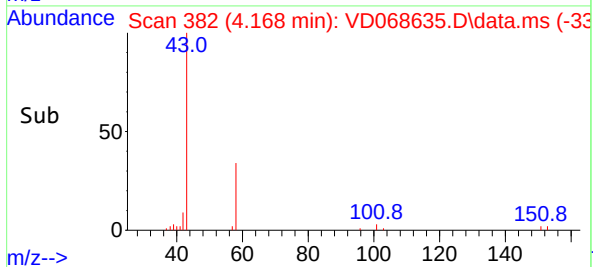
Tgt Ion:	53	Resp:	60971
Ion	Ratio	Lower	Upper
53	100		
52	78.7	66.2	99.2
51	36.1	29.0	43.4



#16
Acetone
Concen: 103.02 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



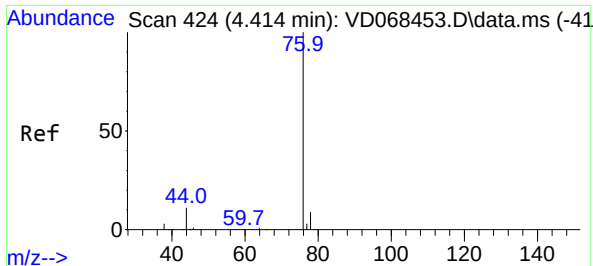
Tgt Ion:	43	Resp:	39358
Ion	Ratio	Lower	Upper
43	100		
58	34.2	24.2	36.4



Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:17:59 PM



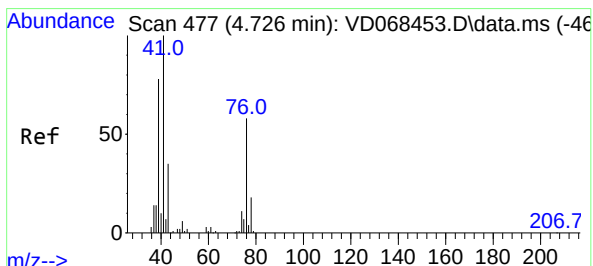
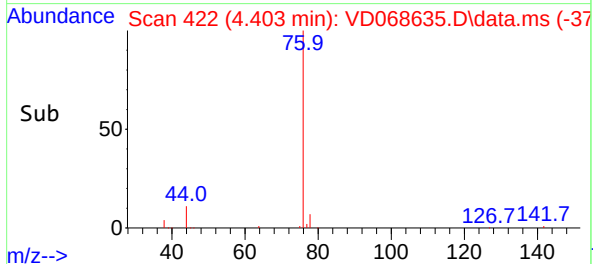
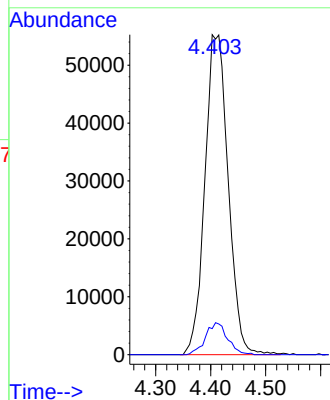
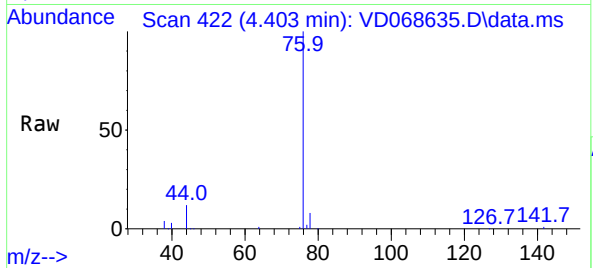
#17
Carbon Disulfide
Concen: 20.59 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.011 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 76 Resp: 163083
Ion Ratio Lower Upper
76 100
78 8.2 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

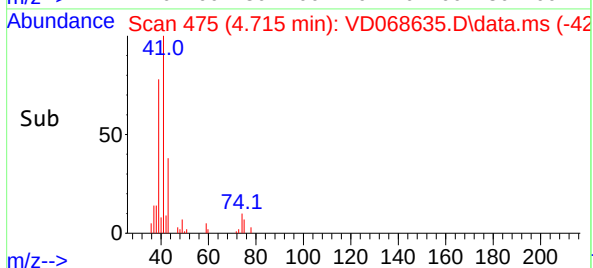
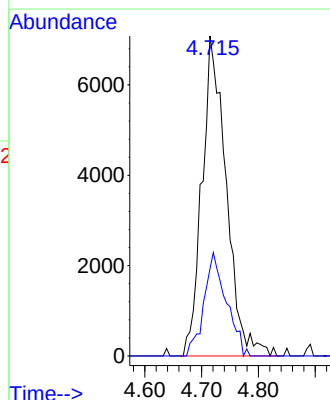
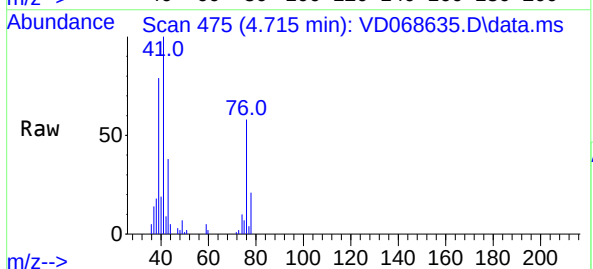
Manual Integrations
APPROVED

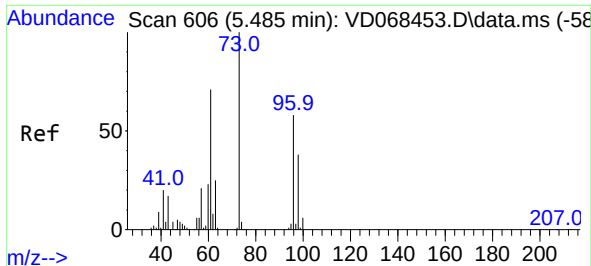
MMDadoda
3/18/2021 2:17:59 PM



#18
Methyl Acetate
Concen: 21.33 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.011 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 43 Resp: 21004
Ion Ratio Lower Upper
43 100
74 29.8 25.4 38.0





#19

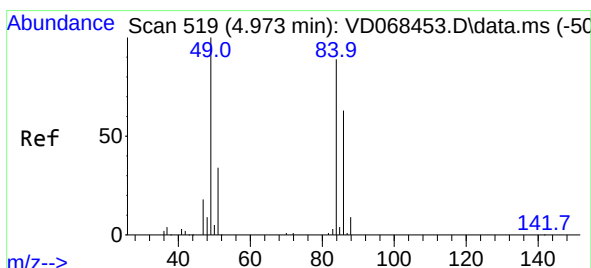
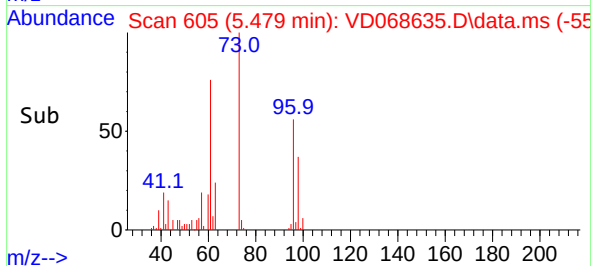
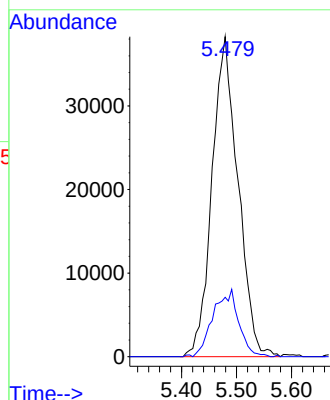
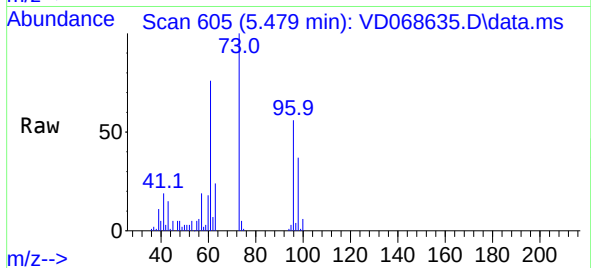
Methyl tert-butyl Ether
Concen: 23.95 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

Tgt Ion: 73 Resp: 125554
Ion Ratio Lower Upper
73 100
57 18.5 14.4 21.6

Manual Integrations
APPROVED

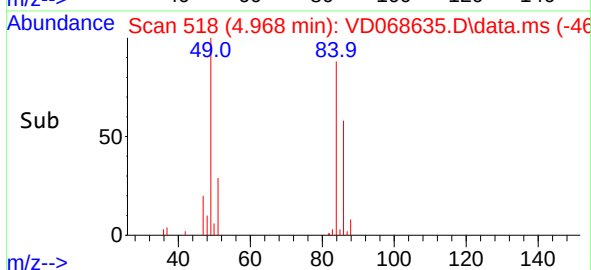
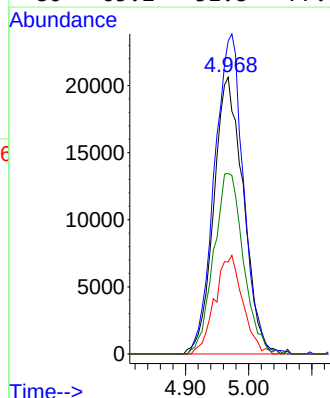
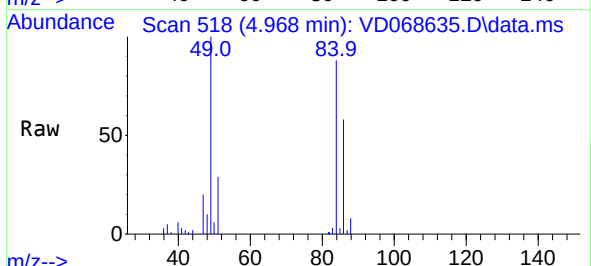
MMDadoda
3/18/2021 2:17:59 PM

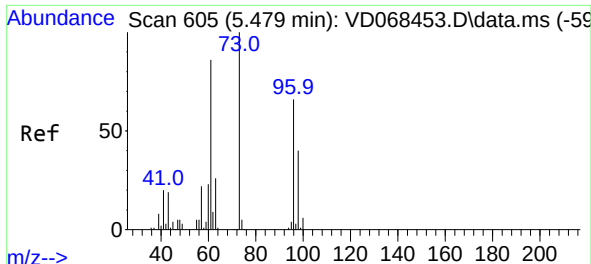


#20

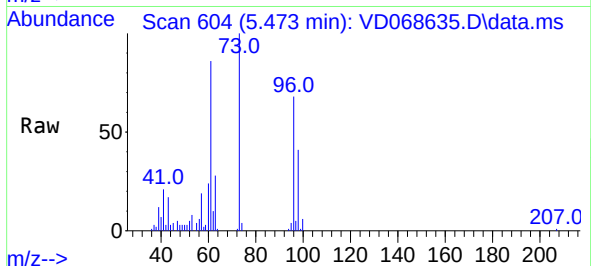
Methylene Chloride
Concen: 21.05 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 84 Resp: 67019
Ion Ratio Lower Upper
84 100
49 113.1 77.4 116.2
51 33.3 26.1 39.1
86 65.2 51.8 77.8



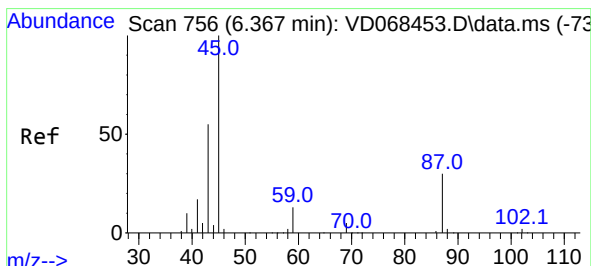
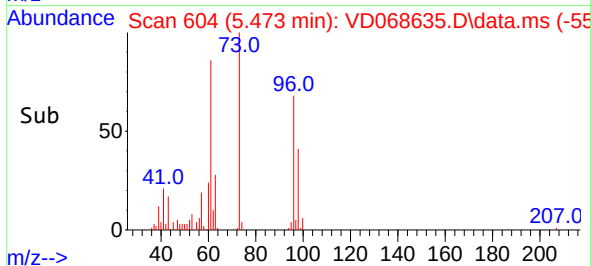
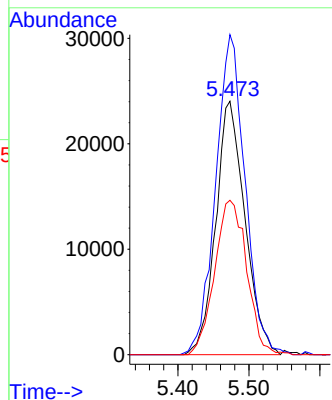


#21
trans-1,2-Dichloroethene
Concen: 23.77 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

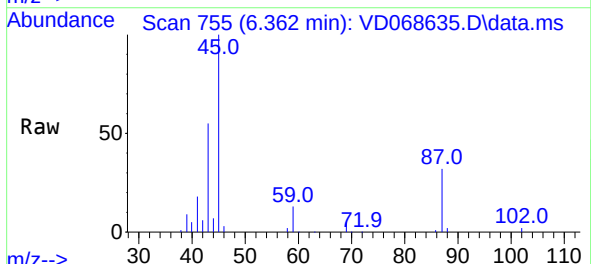


Tgt Ion: 96 Resp: 68609

Ion	Ratio	Lower	Upper
96	100		
61	126.3	96.7	145.1
98	60.9	47.6	71.4

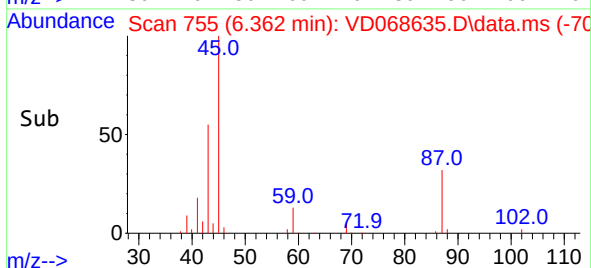
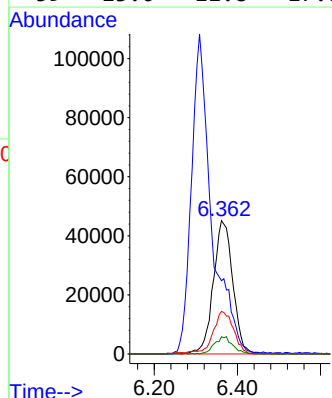


#22
Diisopropyl ether
Concen: 21.41 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



Tgt Ion: 45 Resp: 147164

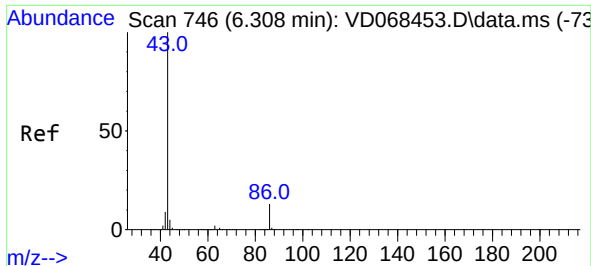
Ion	Ratio	Lower	Upper
45	100		
43	54.0	43.9	65.9
87	31.9	29.9	44.9
59	13.0	11.8	17.8



Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:17:59 PM



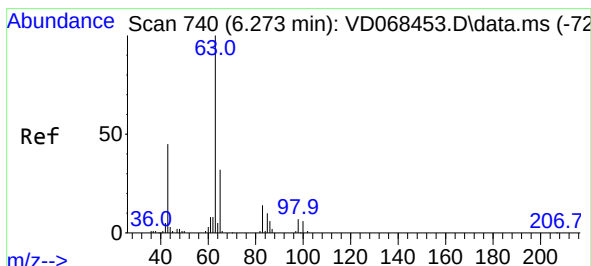
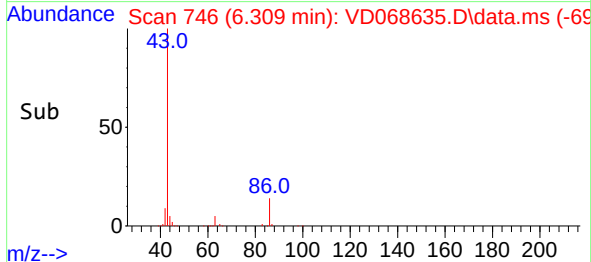
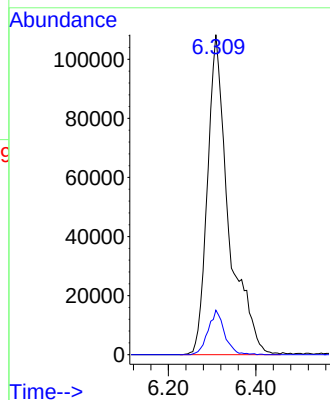
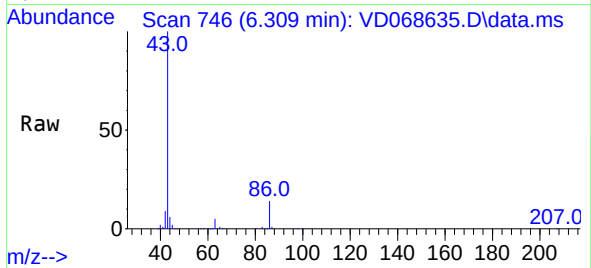
#23
 Vinyl Acetate
 Concen: 102.69 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068635.D
 Acq: 17 Mar 2021 13:52

Tgt Ion: 43 Resp: 366217
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0317SBS01

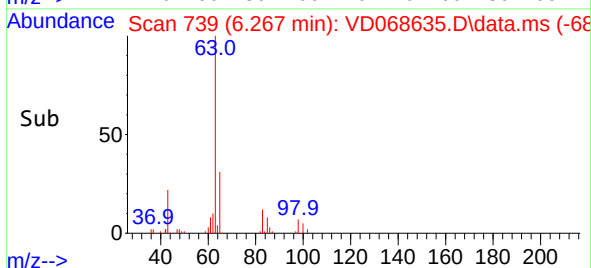
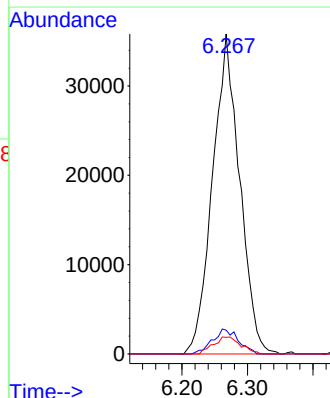
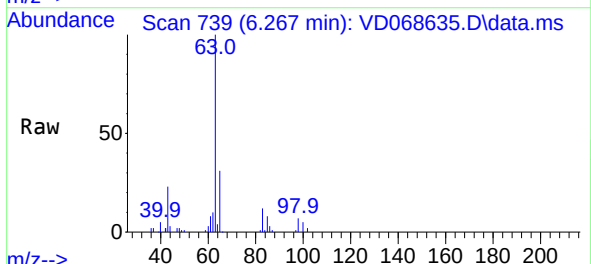
Manual Integrations
 APPROVED

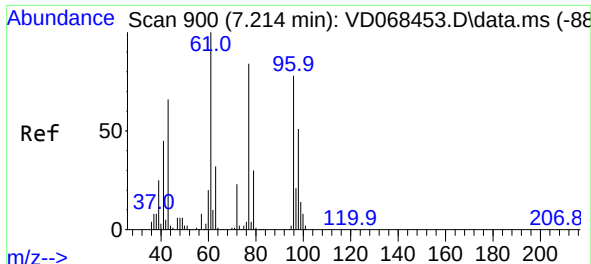
MMDadoda
 3/18/2021 2:17:59 PM



#24
 1,1-Dichloroethane
 Concen: 21.77 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.005 min
 Lab File: VD068635.D
 Acq: 17 Mar 2021 13:52

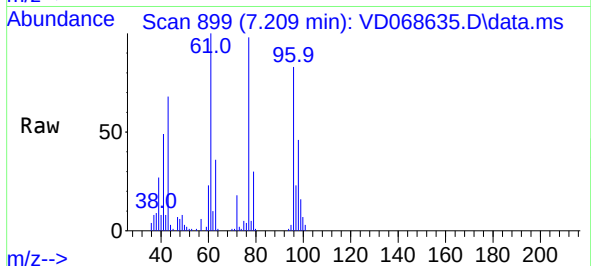
Tgt Ion: 63 Resp: 102558
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 5.2 2.6 8.0





#25
2-Butanone
Concen: 105.73 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

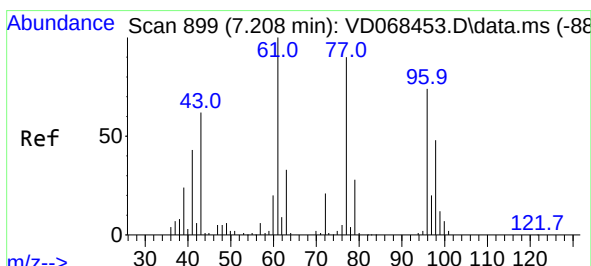
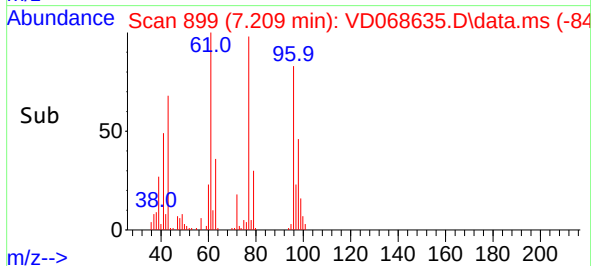
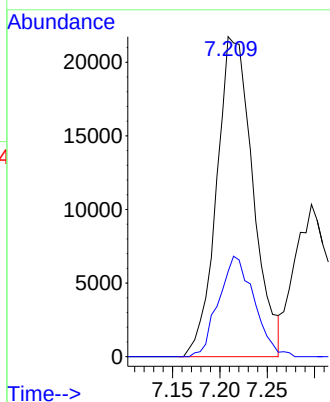
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01



Tgt Ion: 43 Resp: 58067
Ion Ratio Lower Upper
43 100
72 26.6 25.1 37.7

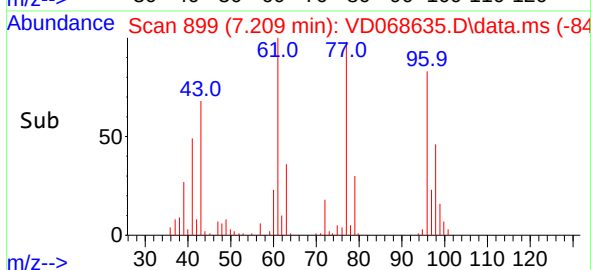
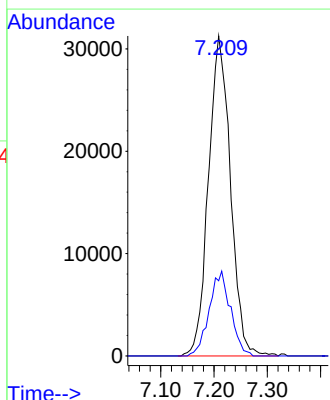
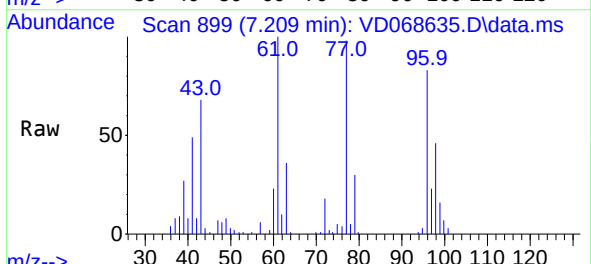
Manual Integrations
APPROVED

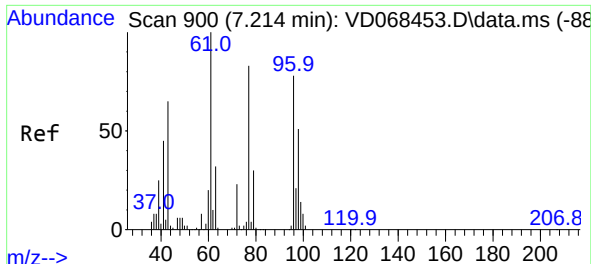
MMDadoda
3/18/2021 2:17:59 PM



#26
2,2-Dichloropropane
Concen: 22.83 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

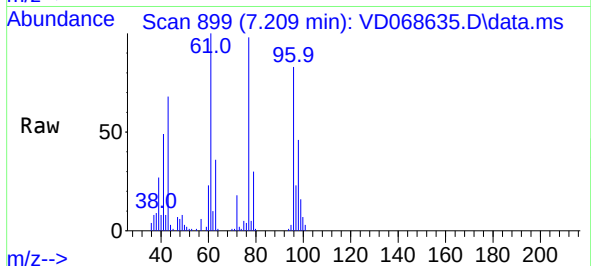
Tgt Ion: 77 Resp: 89594
Ion Ratio Lower Upper
77 100
97 25.7 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 21.76 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

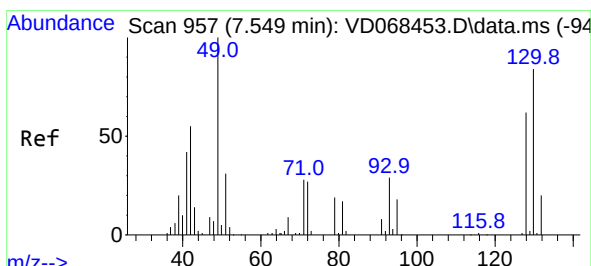
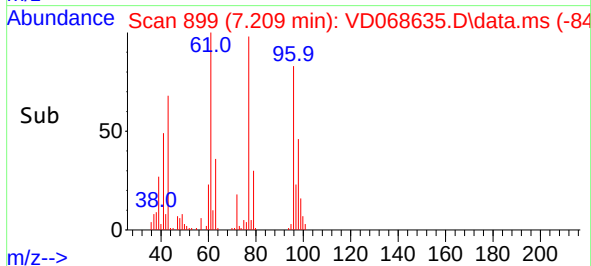
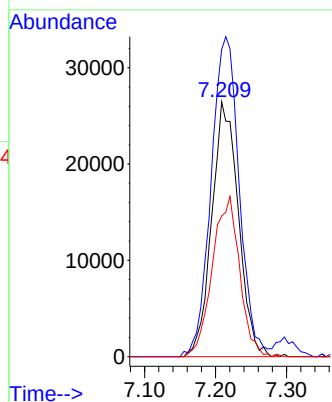
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01



Tgt Ion: 96 Resp: 68959
Ion Ratio Lower Upper
96 100
61 132.3 0.0 257.4
98 64.0 0.0 126.6

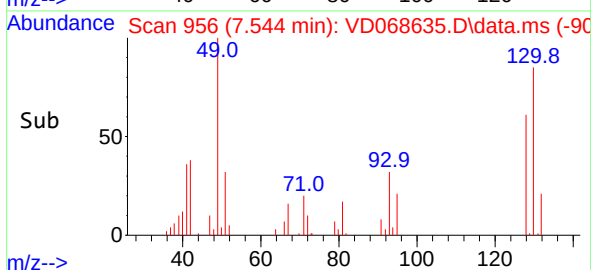
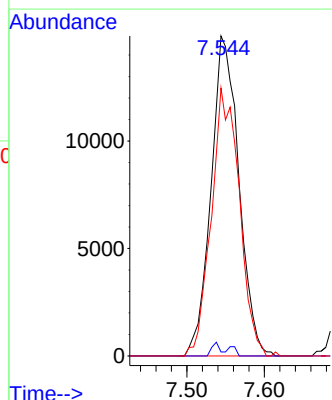
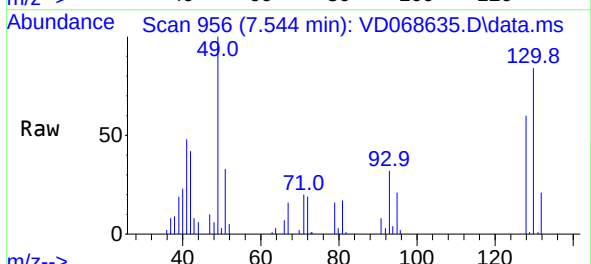
Manual Integrations
APPROVED

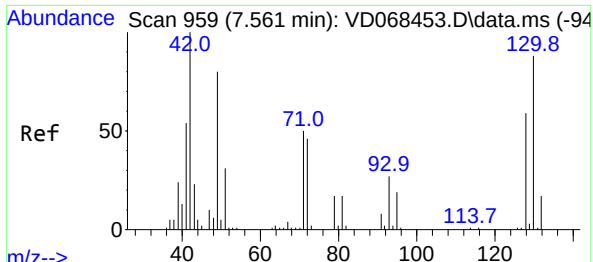
MMDadoda
3/18/2021 2:17:59 PM



#28
Bromochloromethane
Concen: 20.18 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 49 Resp: 37120
Ion Ratio Lower Upper
49 100
129 1.4 0.0 4.8
130 84.2 85.5 128.3#





#29

Tetrahydrofuran

Concen: 100.60 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD068635.D

Acq: 17 Mar 2021 13:52

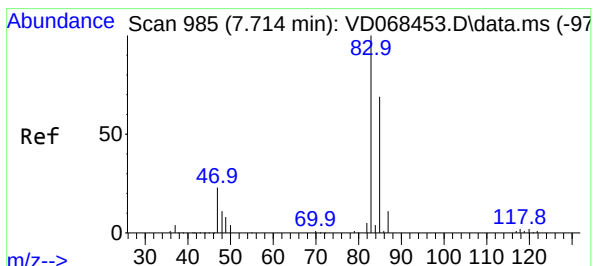
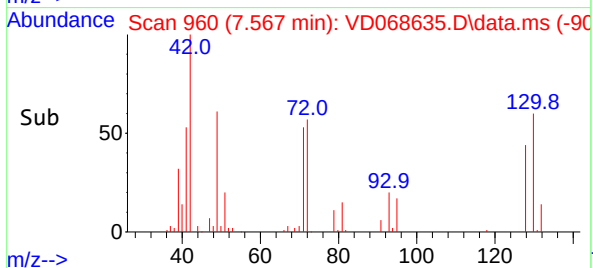
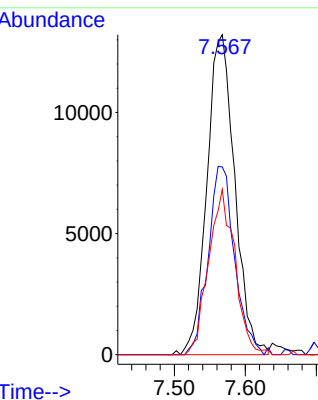
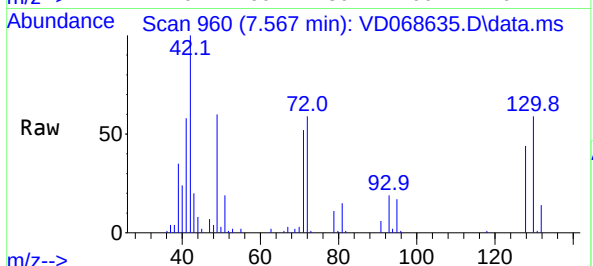
Tgt Ion: 42 Resp: 35874

Ion Ratio Lower Upper

42 100

72 56.2 43.4 65.0

71 49.2 40.8 61.2



#30

Chloroform

Concen: 21.57 ug/l

RT: 7.714 min Scan# 985

Delta R.T. 0.000 min

Lab File: VD068635.D

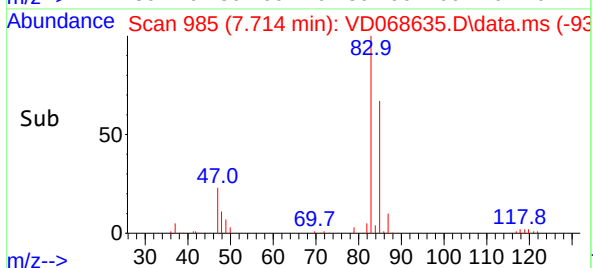
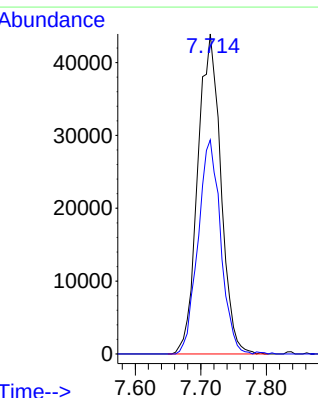
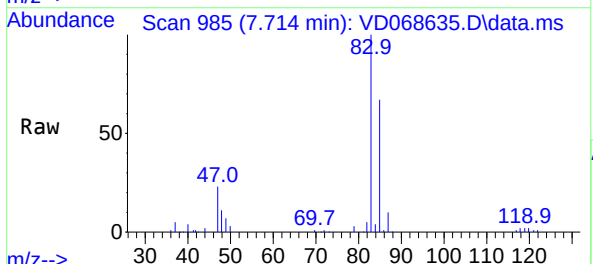
Acq: 17 Mar 2021 13:52

Tgt Ion: 83 Resp: 107316

Ion Ratio Lower Upper

83 100

85 66.9 53.4 80.0



Instrument :

MSVOA_D

ClientSampleId :

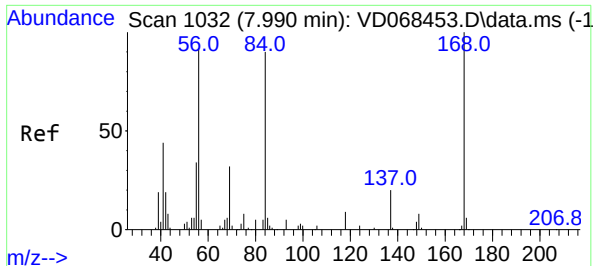
VD0317SBS01

Manual Integrations

APPROVED

MMDadoda

3/18/2021 2:17:59 PM



#31

Cyclohexane

Concen: 20.04 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.005 min

Lab File: VD068635.D

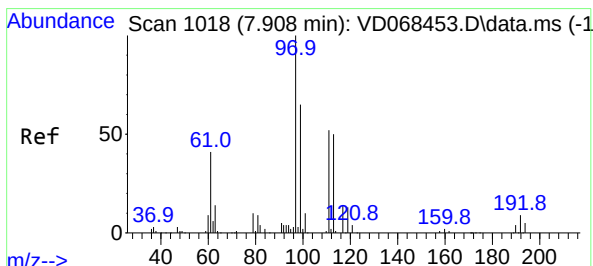
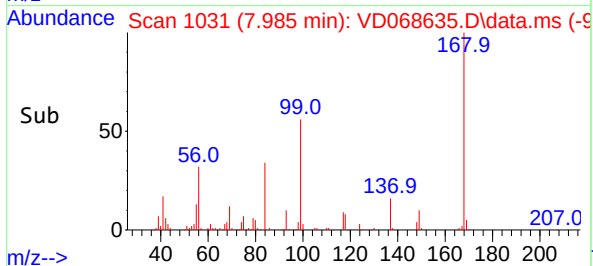
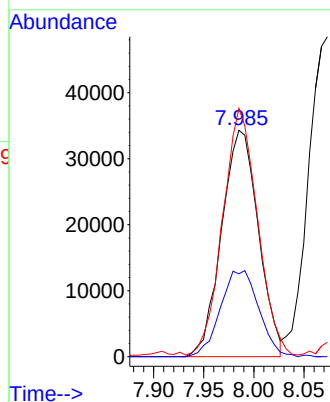
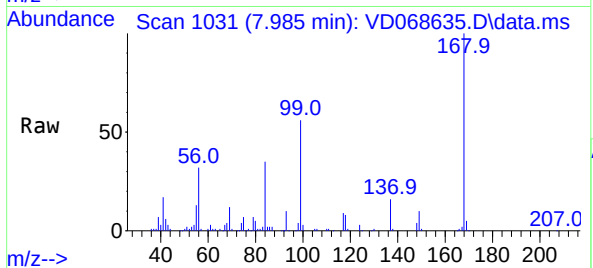
Acq: 17 Mar 2021 13:52

Tgt Ion:	56	Resp:	87647
Ion	Ratio	Lower	Upper
56	100		
69	36.0	30.1	45.1
84	107.6	82.1	123.1

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:17:59 PM



#32

1,1,1-Trichloroethane

Concen: 22.69 ug/l

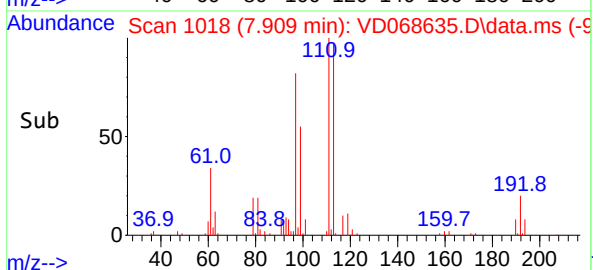
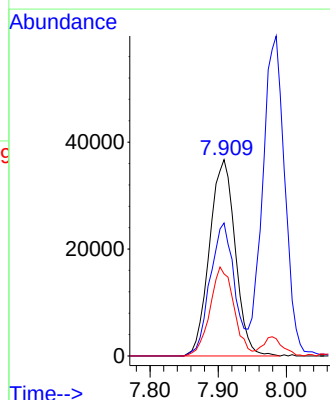
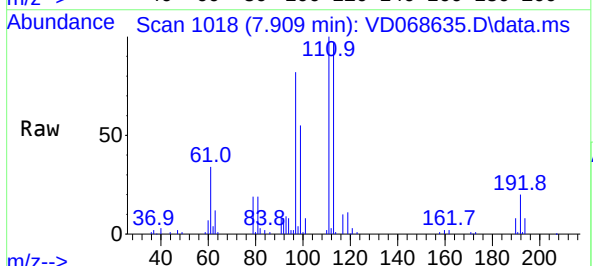
RT: 7.909 min Scan# 1018

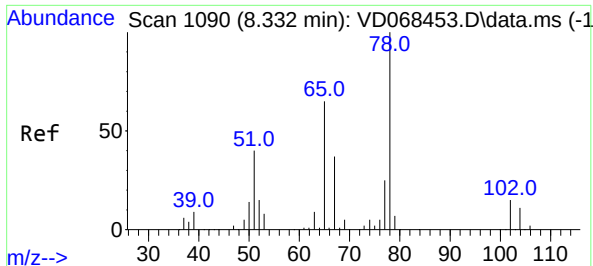
Delta R.T. 0.000 min

Lab File: VD068635.D

Acq: 17 Mar 2021 13:52

Tgt Ion:	97	Resp:	96372
Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.1	78.1
61	42.2	30.1	45.1





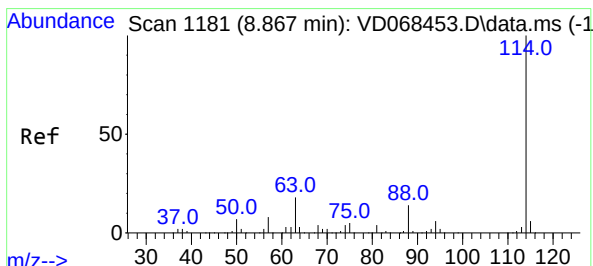
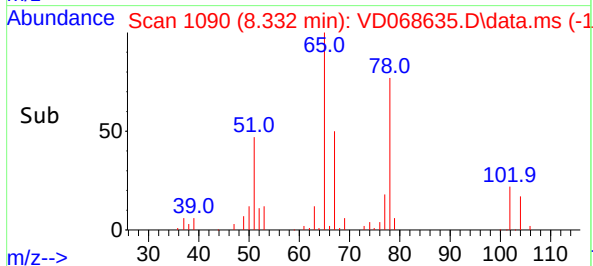
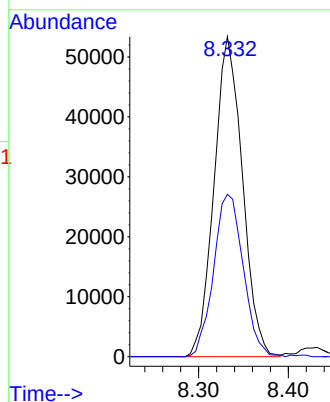
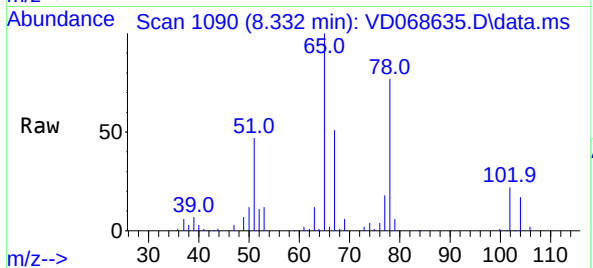
#33
1,2-Dichloroethane-d4
Concen: 48.62 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 65 Resp: 116938
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

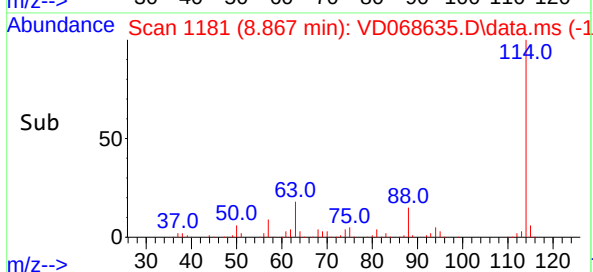
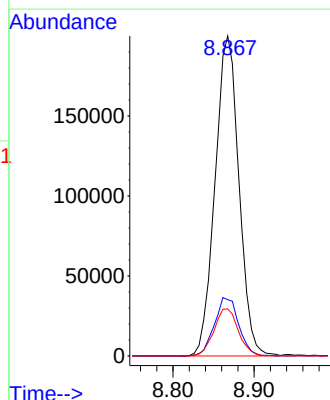
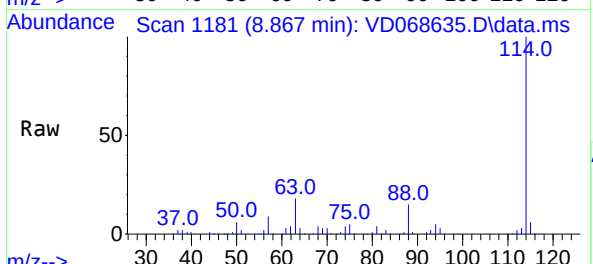
Manual Integrations
APPROVED

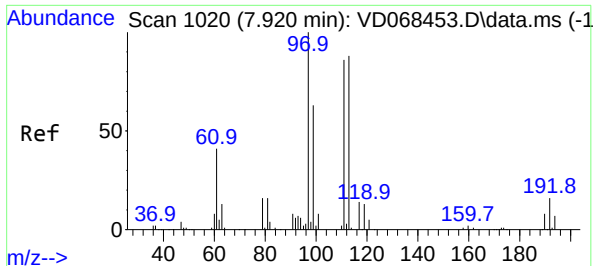
MMDadoda
3/18/2021 2:17:59 PM



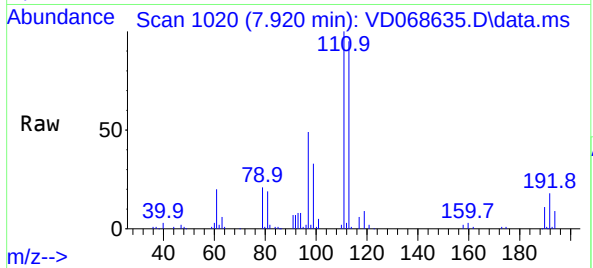
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 114 Resp: 408650
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.8
88 14.7 0.0 31.6

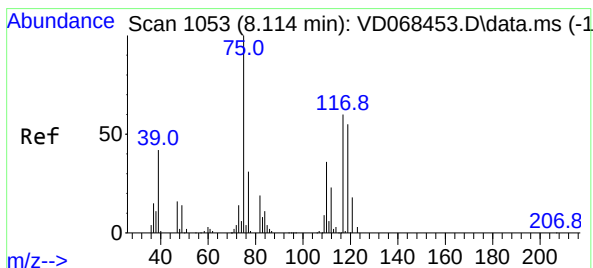
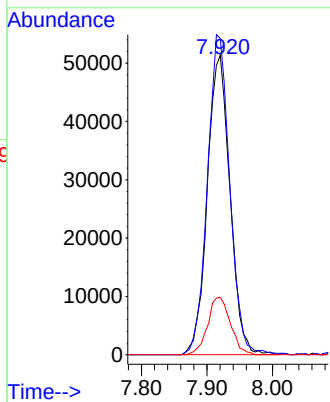
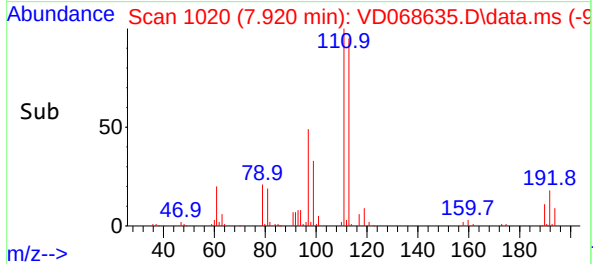




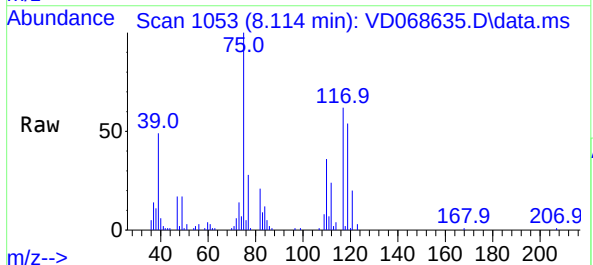
#35
Dibromofluoromethane
Concen: 50.12 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



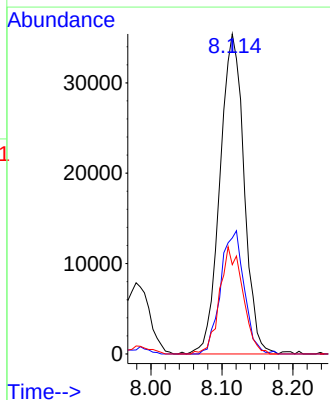
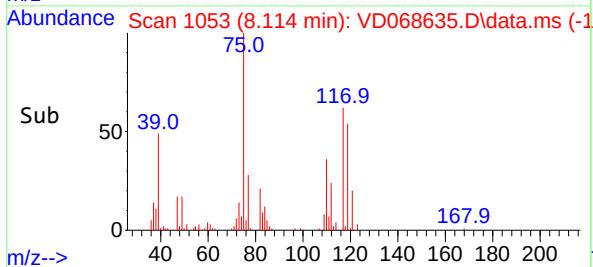
Tgt Ion:113 Resp: 123373
Ion Ratio Lower Upper
113 100
111 105.2 81.4 122.0
192 19.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 21.46 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



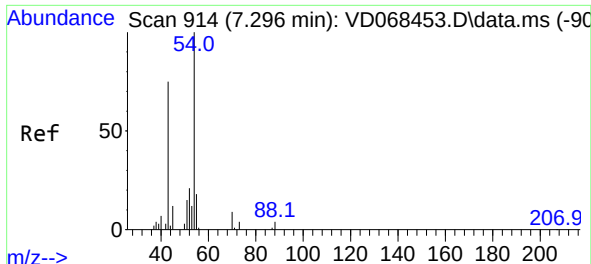
Tgt Ion: 75 Resp: 83374
Ion Ratio Lower Upper
75 100
110 37.7 19.4 58.2
77 32.2 25.3 37.9



Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

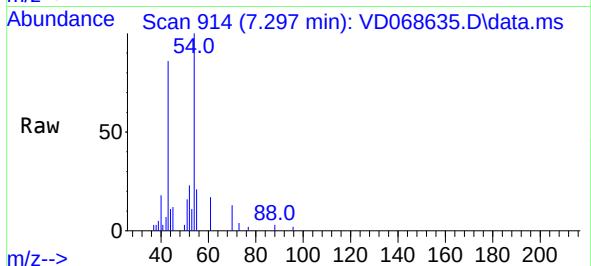
Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:17:59 PM



#37
Ethyl Acetate
Concen: 21.34 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

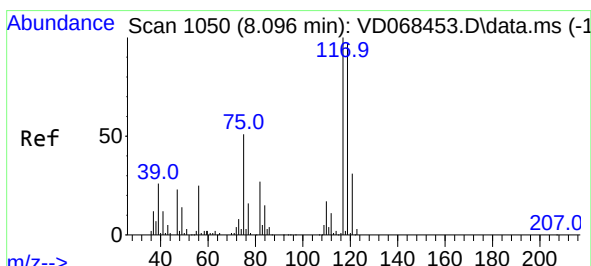
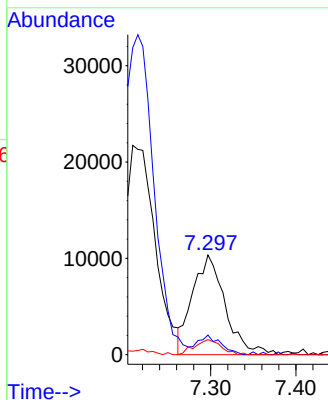
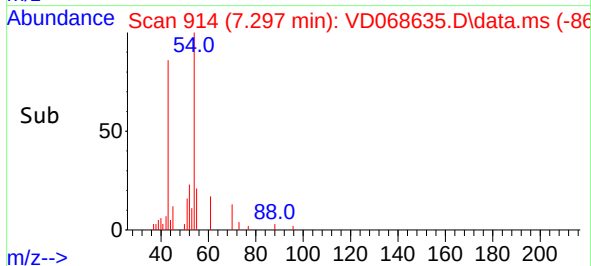
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01



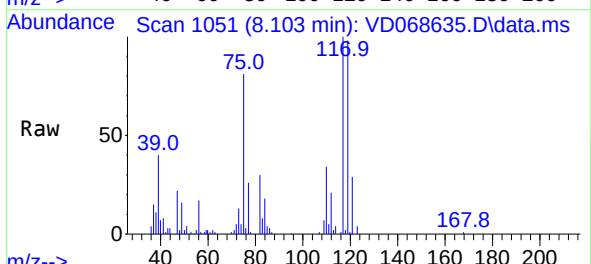
Tgt Ion: 43 Resp: 27507
Ion Ratio Lower Upper
43 100
61 14.1 12.9 19.3
70 12.2 11.0 16.6

Manual Integrations
APPROVED

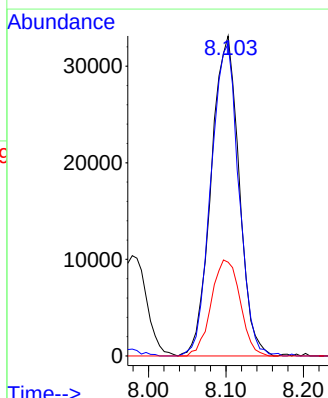
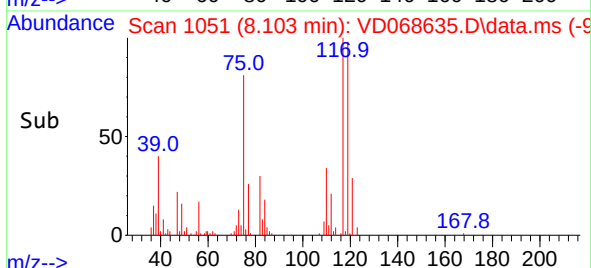
MMDadoda
3/18/2021 2:17:59 PM

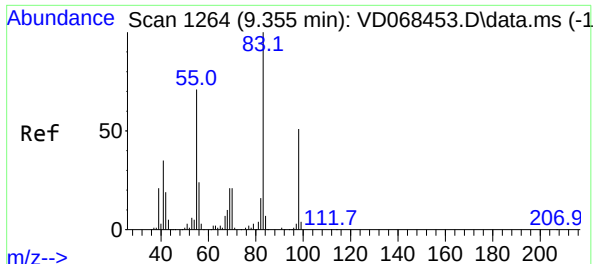


#38
Carbon Tetrachloride
Concen: 22.64 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



Tgt Ion: 117 Resp: 82648
Ion Ratio Lower Upper
117 100
119 97.5 77.3 115.9
121 29.3 24.7 37.1





#39

Methylcyclohexane

Concen: 20.82 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068635.D

Acq: 17 Mar 2021 13:52

Tgt Ion:	83	Resp:	99760
Ion	Ratio	Lower	Upper
83	100		
55	68.4	55.2	82.8
98	52.6	39.1	58.7

Instrument :

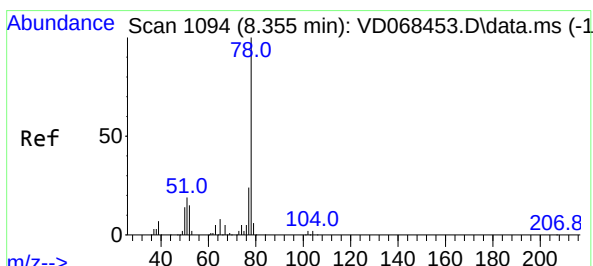
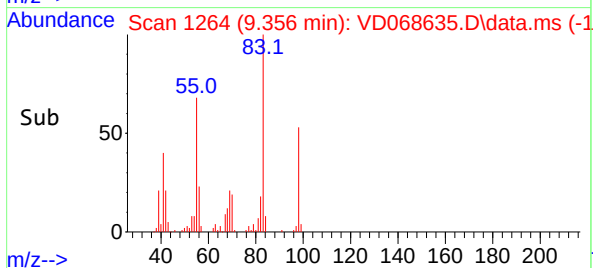
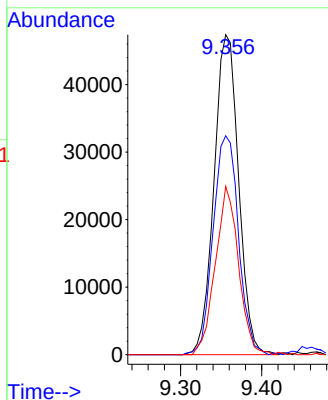
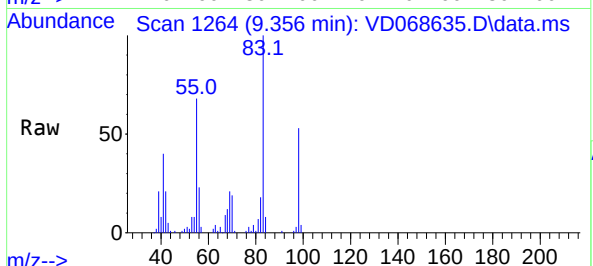
MSVOA_D

ClientSampleId :

VD0317SBSD01

Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:17:59 PM



#40

Benzene

Concen: 21.62 ug/l

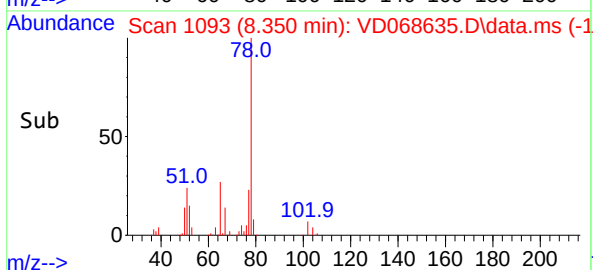
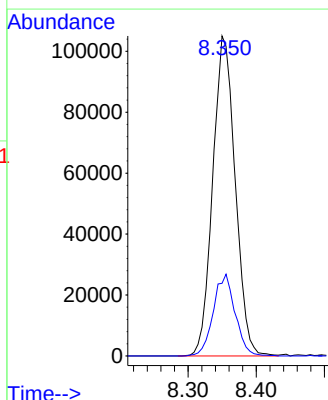
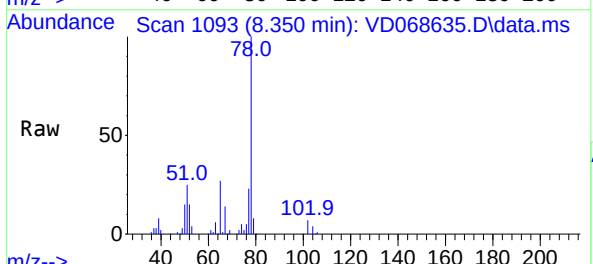
RT: 8.350 min Scan# 1093

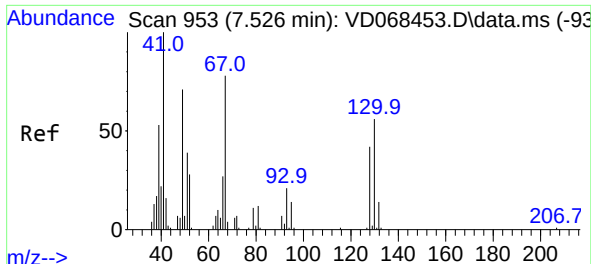
Delta R.T. -0.005 min

Lab File: VD068635.D

Acq: 17 Mar 2021 13:52

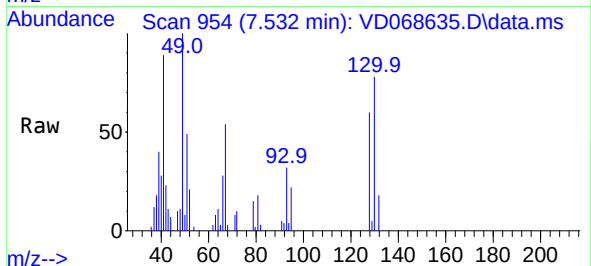
Tgt Ion:	78	Resp:	240911
Ion	Ratio	Lower	Upper
78	100		
77	22.7	17.8	26.6





#41
Methacrylonitrile
Concen: 19.98 ug/l m
RT: 7.532 min Scan# 954
Delta R.T. 0.006 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

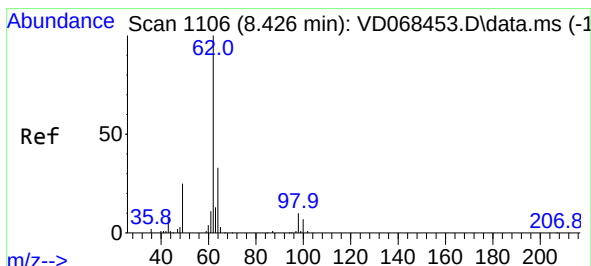
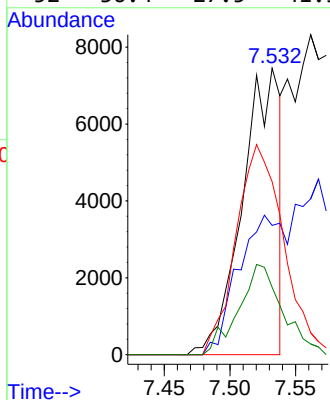
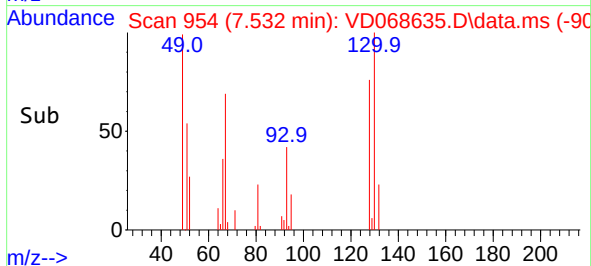
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01



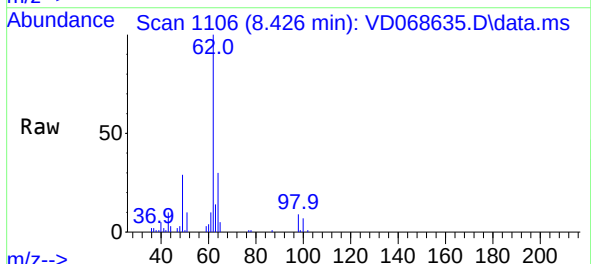
Tgt Ion:	41	Resp:	14949
Ion	Ratio	Lower	Upper
41	100		
39	60.7	45.2	67.8
67	91.6	67.4	101.2
52	36.4	27.5	41.3

Manual Integrations
APPROVED

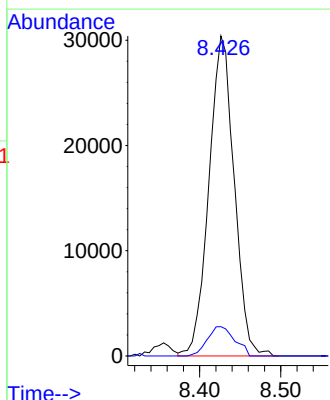
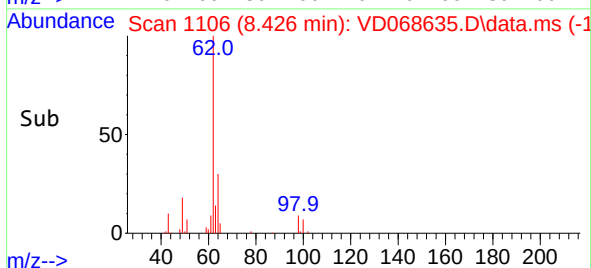
MMDadoda
3/18/2021 2:17:59 PM

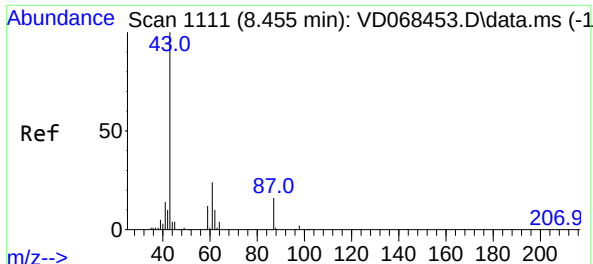


#42
1,2-Dichloroethane
Concen: 22.45 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



Tgt Ion:	62	Resp:	65774
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	21.8





#43

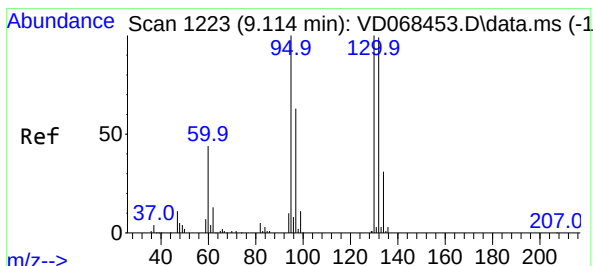
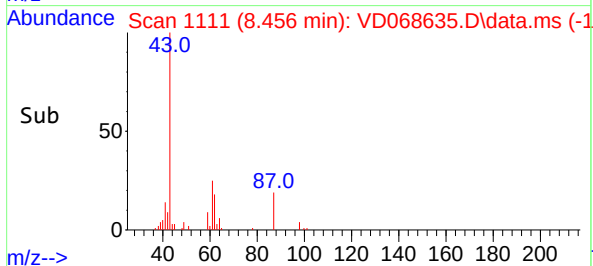
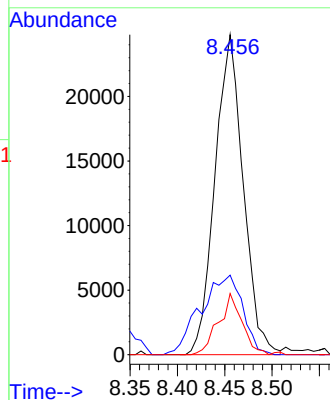
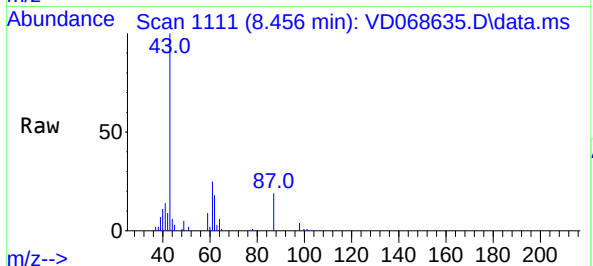
Isopropyl Acetate
Concen: 21.71 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion:	43	Resp:	51416
Ion Ratio	Lower	Upper	
43	100		
61	36.9	28.7	43.1
87	15.9	13.9	20.9

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

Manual Integrations
APPROVED

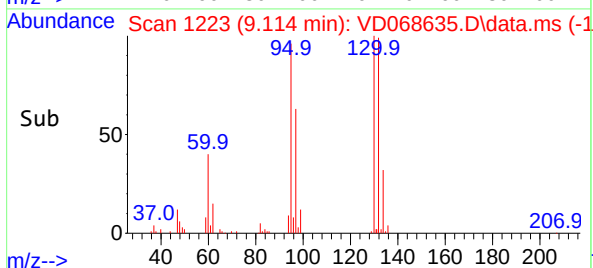
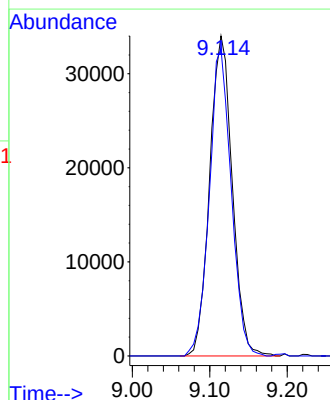
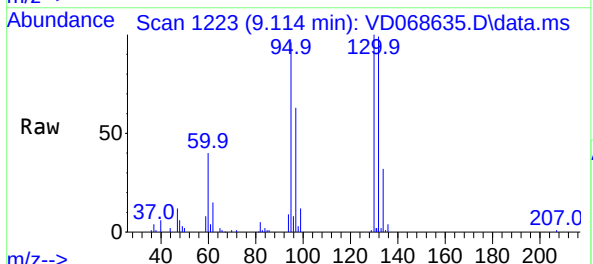
MMDadoda
3/18/2021 2:17:59 PM

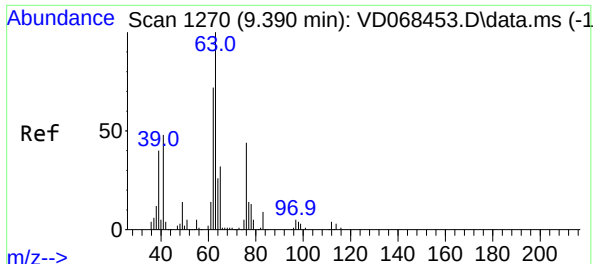


#44

Trichloroethene
Concen: 22.52 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion:	130	Resp:	68892
Ion Ratio	Lower	Upper	
130	100		
95	96.0	0.0	191.2





#45

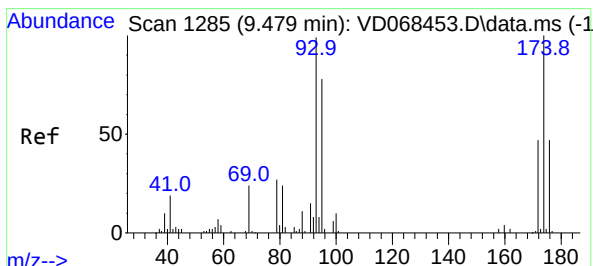
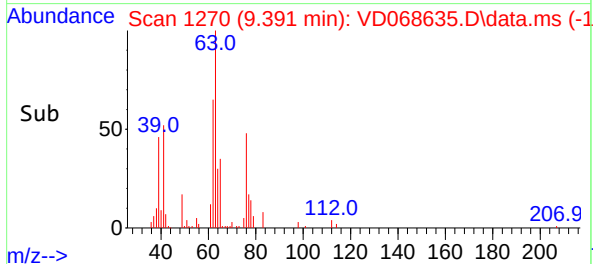
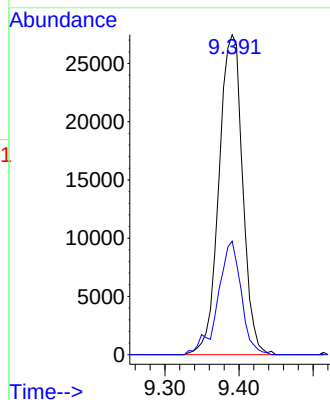
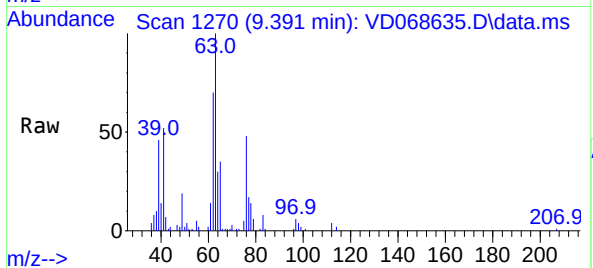
1,2-Dichloropropane
Concen: 22.81 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 63 Resp: 60764
Ion Ratio Lower Upper
63 100
65 35.5 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

Manual Integrations
APPROVED

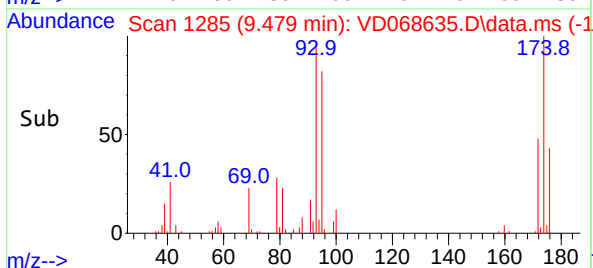
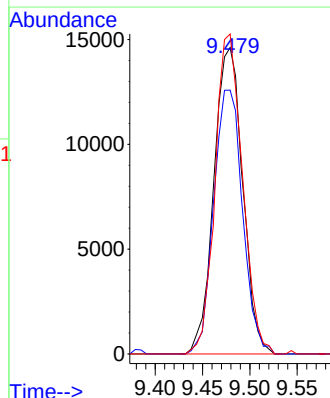
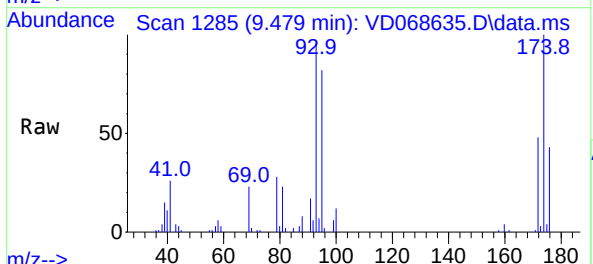
MMDadoda
3/18/2021 2:17:59 PM

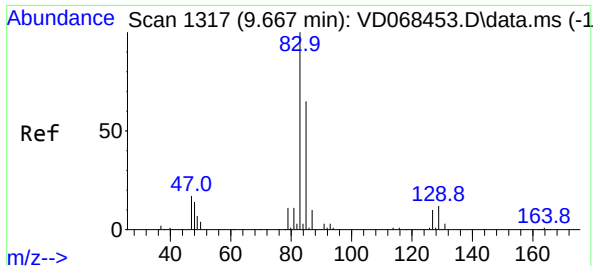


#46

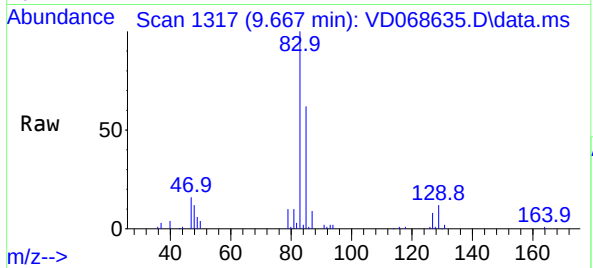
Dibromomethane
Concen: 21.32 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 93 Resp: 30896
Ion Ratio Lower Upper
93 100
95 86.6 67.3 100.9
174 99.4 84.6 127.0

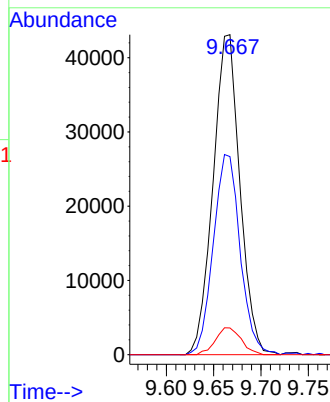
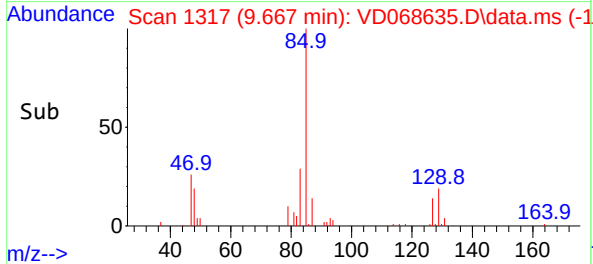




#47
Bromodichloromethane
Concen: 22.72 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



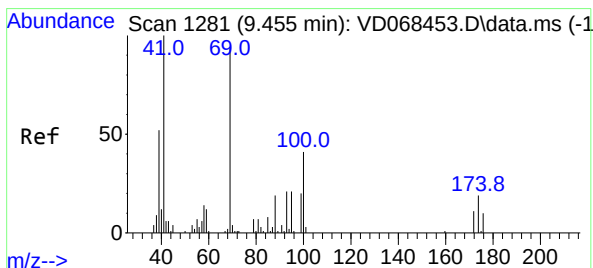
Tgt Ion: 83 Resp: 85179
Ion Ratio Lower Upper
83 100
85 61.9 51.6 77.4
127 8.4 7.4 11.0



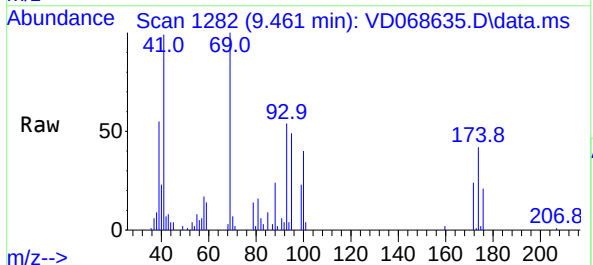
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

Manual Integrations
APPROVED

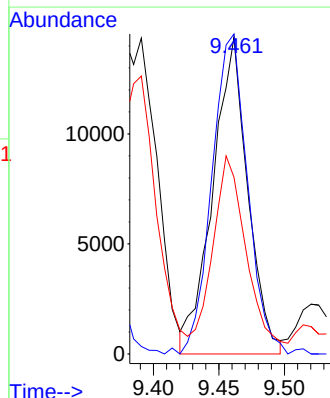
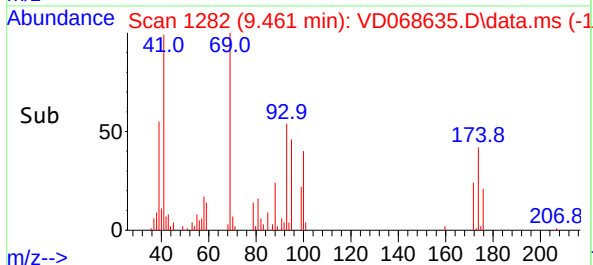
MMDadoda
3/18/2021 2:17:59 PM

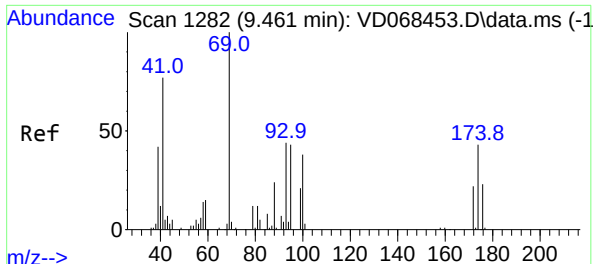


#48
Methyl methacrylate
Concen: 21.20 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

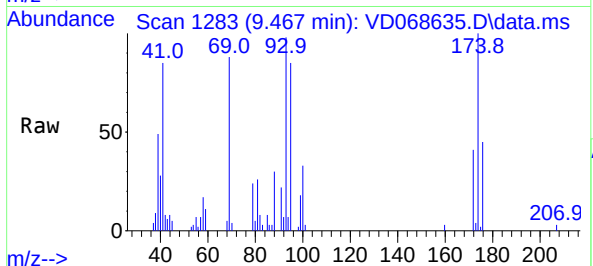


Tgt Ion: 41 Resp: 26763
Ion Ratio Lower Upper
41 100
69 103.1 77.1 115.7
39 61.2 41.5 62.3

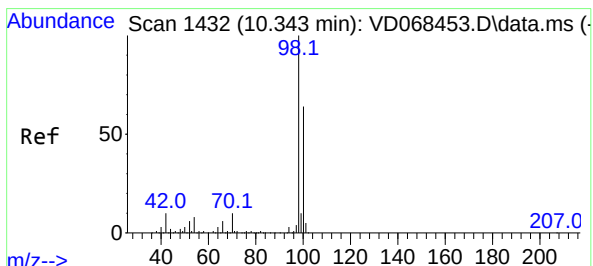
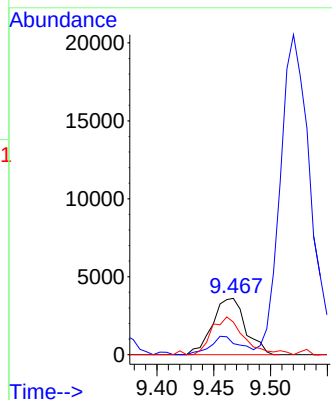
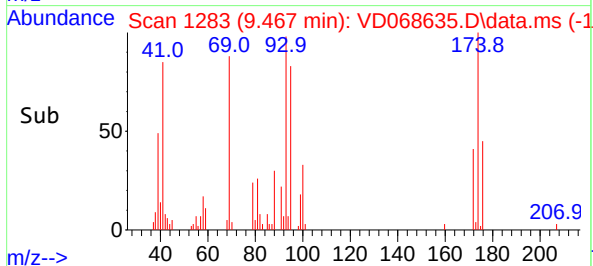




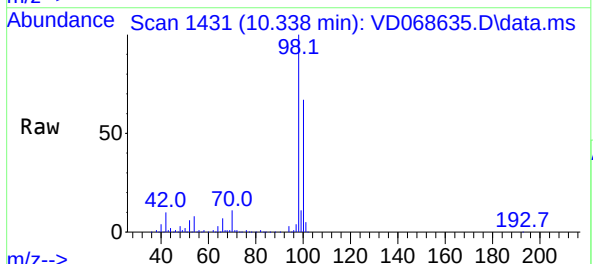
#49
1,4-Dioxane
Concen: 440.70 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.006 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



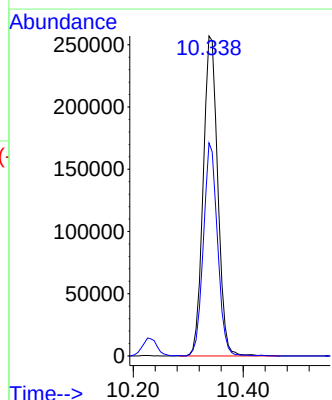
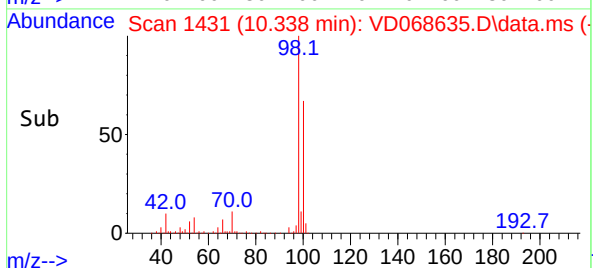
Tgt Ion: 88 Resp: 7283
Ion Ratio Lower Upper
88 100
43 29.0 22.1 33.1
58 65.6 46.7 70.1



#50
Toluene-d8
Concen: 48.26 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



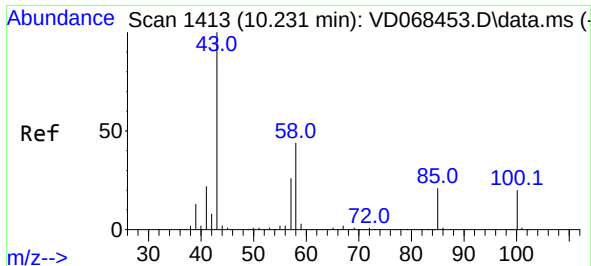
Tgt Ion: 98 Resp: 473166
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:17:59 PM



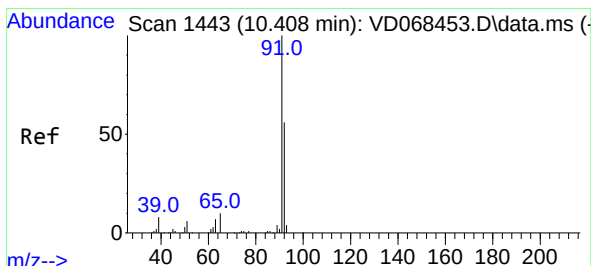
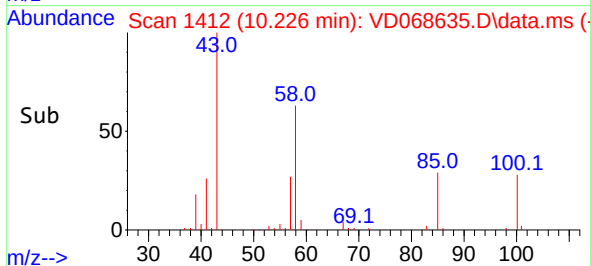
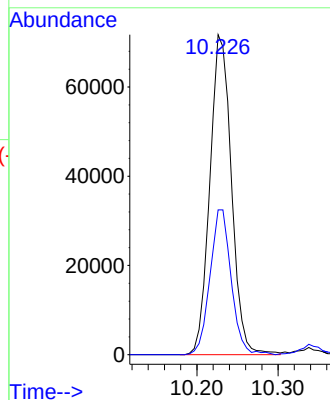
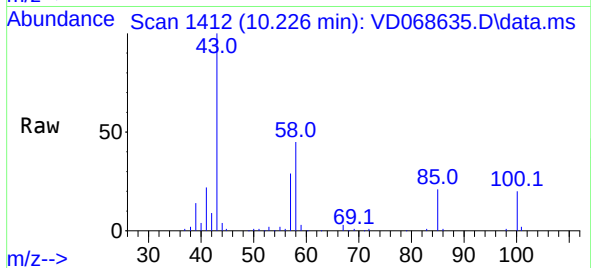
#51
4-Methyl-2-Pentanone
Concen: 106.90 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 43 Resp: 132510
Ion Ratio Lower Upper
43 100
58 44.5 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

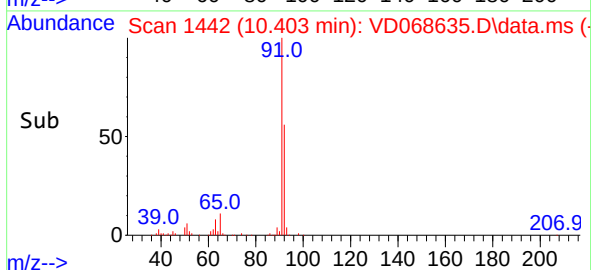
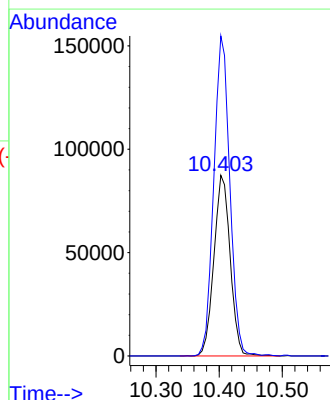
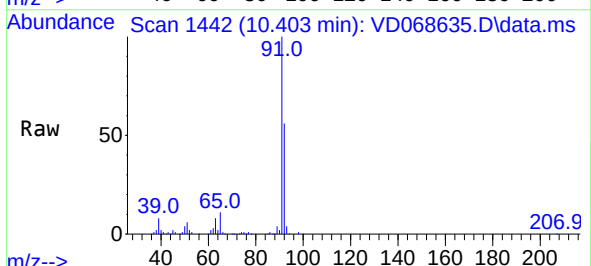
Manual Integrations
APPROVED

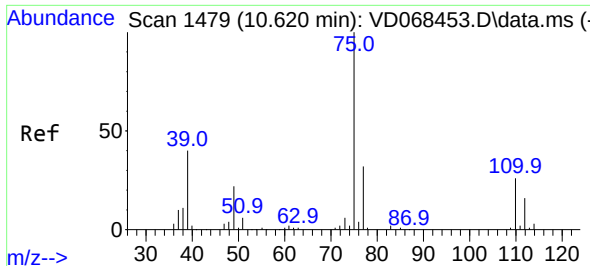
MMDadoda
3/18/2021 2:17:59 PM



#52
Toluene
Concen: 22.00 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 92 Resp: 156512
Ion Ratio Lower Upper
92 100
91 174.6 134.1 201.1





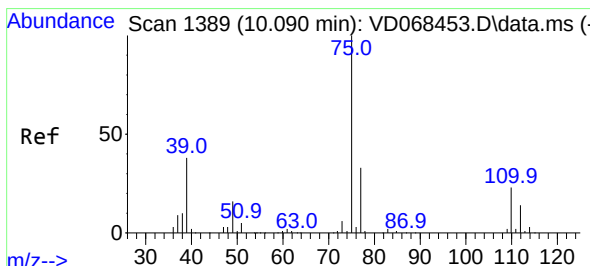
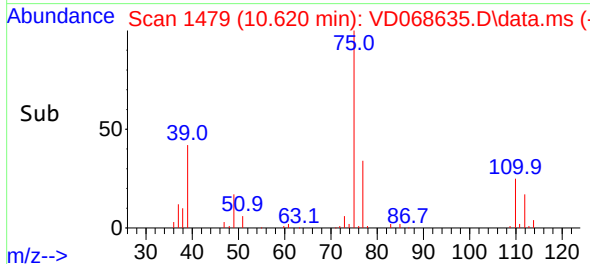
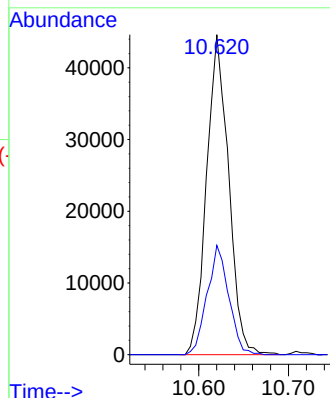
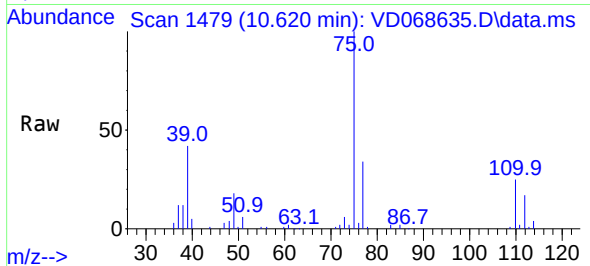
#53
t-1,3-Dichloropropene
Concen: 21.94 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 75 Resp: 76001
Ion Ratio Lower Upper
75 100
77 34.2 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

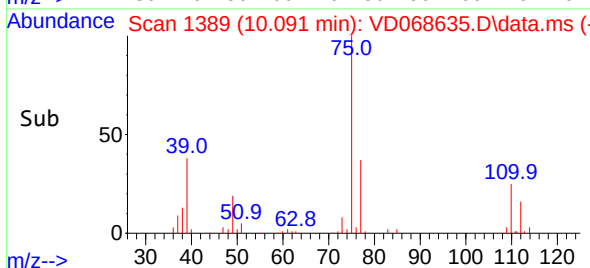
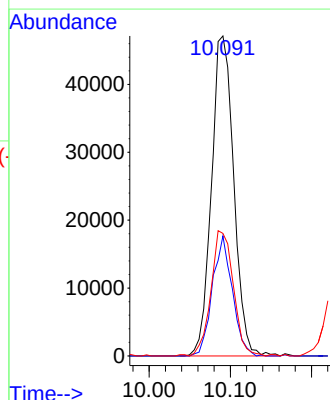
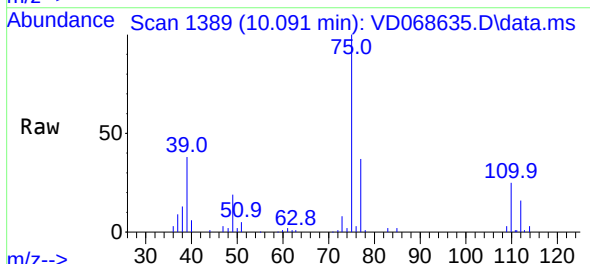
Manual Integrations
APPROVED

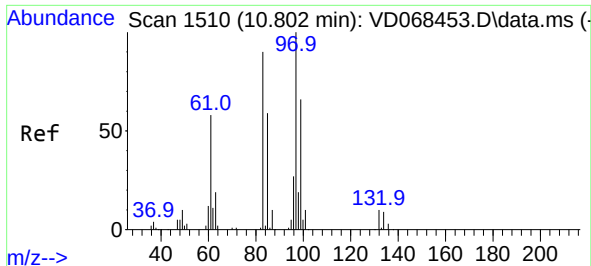
MMDadoda
3/18/2021 2:17:59 PM



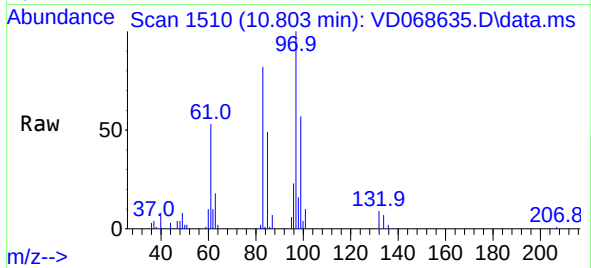
#54
cis-1,3-Dichloropropene
Concen: 21.26 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 75 Resp: 89886
Ion Ratio Lower Upper
75 100
77 37.5 24.6 37.0#
39 38.3 31.4 47.0

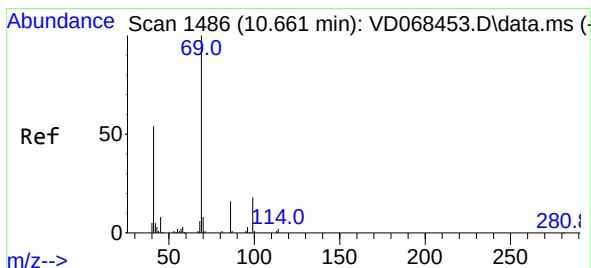
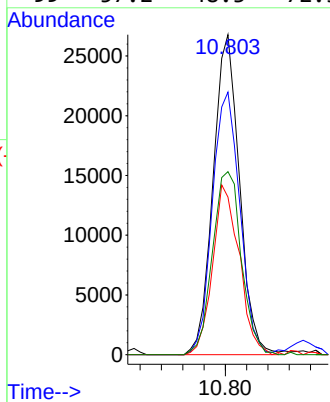
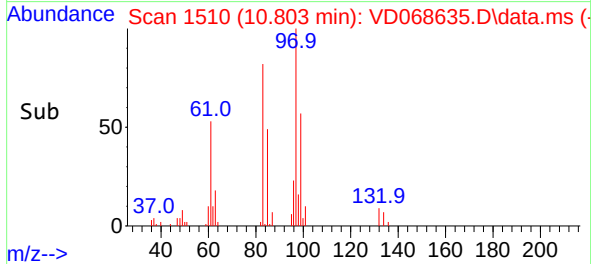




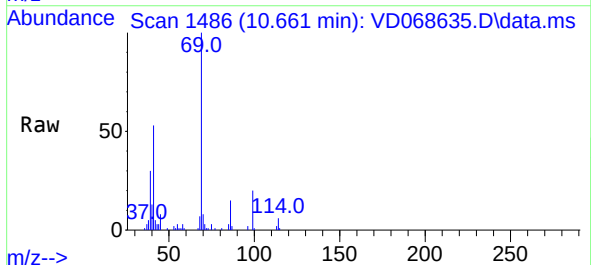
#55
1,1,2-Trichloroethane
Concen: 22.89 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



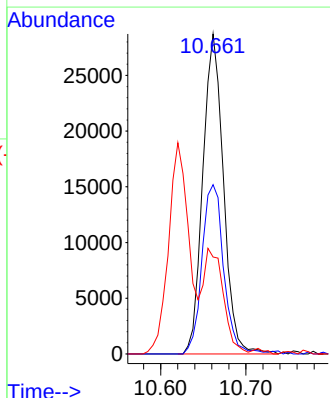
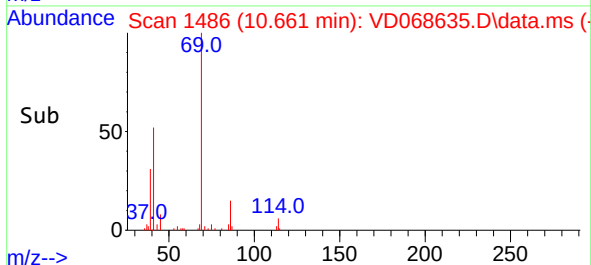
Tgt Ion:	97	Resp:	45902
Ion	Ratio	Lower	Upper
97	100		
83	82.0	61.8	92.6
85	49.2	42.2	63.2
99	57.2	48.3	72.5



#56
Ethyl methacrylate
Concen: 20.99 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



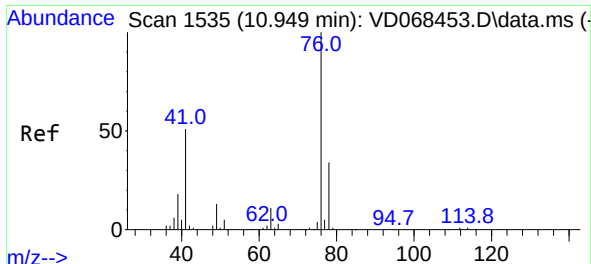
Tgt Ion:	69	Resp:	48390
Ion	Ratio	Lower	Upper
69	100		
41	55.6	44.9	67.3
39	30.9	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:17:59 PM



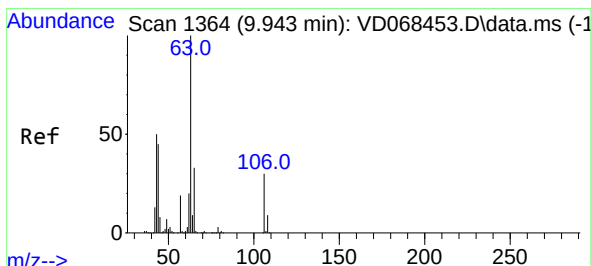
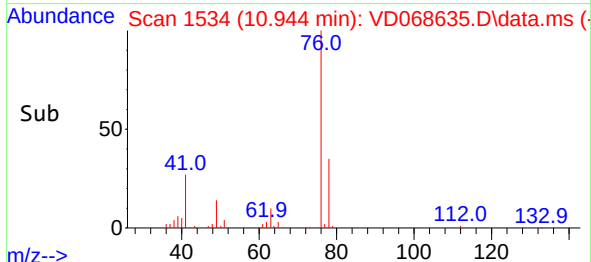
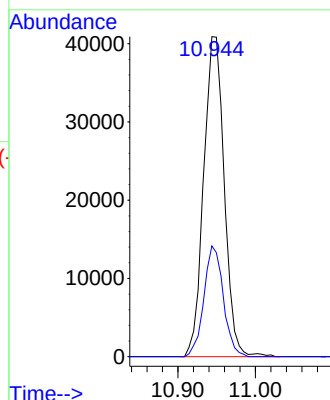
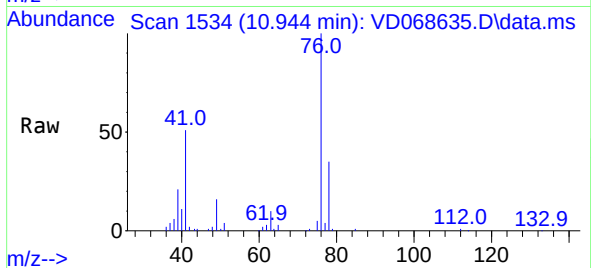
#57
1,3-Dichloropropane
Concen: 21.57 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 76 Resp: 75496
Ion Ratio Lower Upper
76 100
78 32.7 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

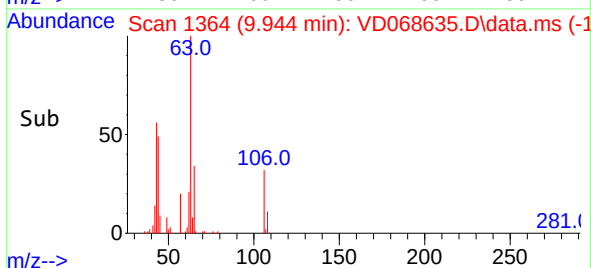
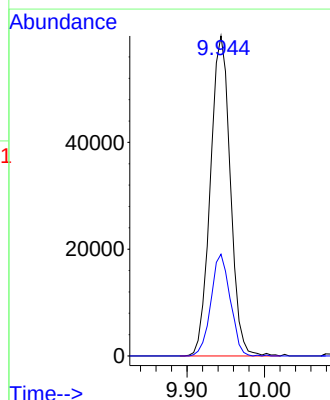
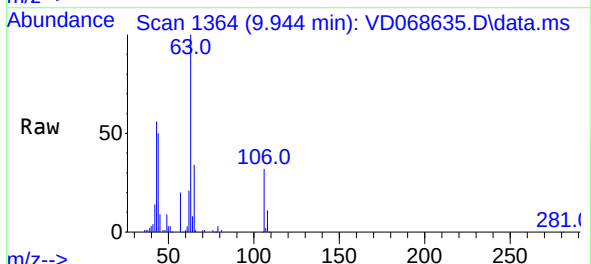
Manual Integrations
APPROVED

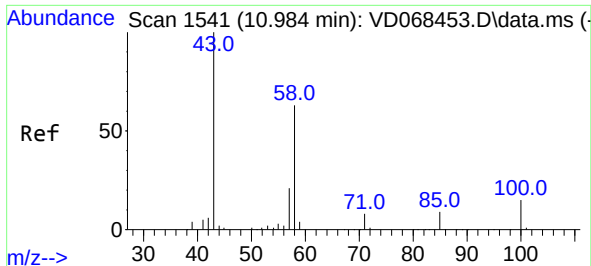
MMDadoda
3/18/2021 2:17:59 PM



#58
2-Chloroethyl Vinyl ether
Concen: 92.92 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 63 Resp: 107455
Ion Ratio Lower Upper
63 100
106 30.8 27.0 40.4





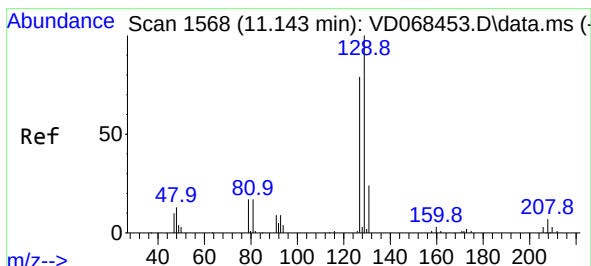
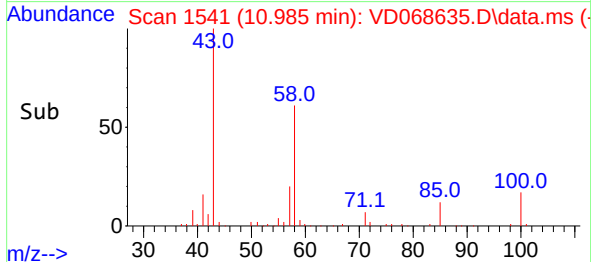
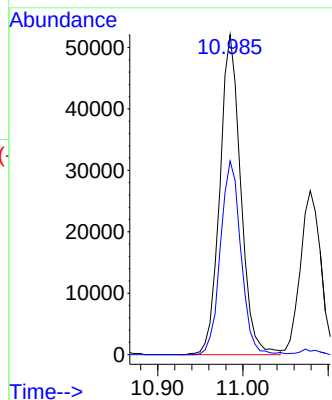
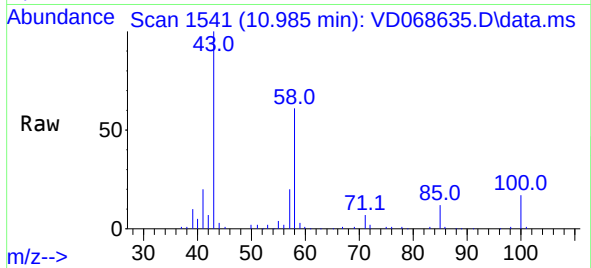
#59
2-Hexanone
Concen: 107.32 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 43 Resp: 88666
Ion Ratio Lower Upper
43 100
58 59.5 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

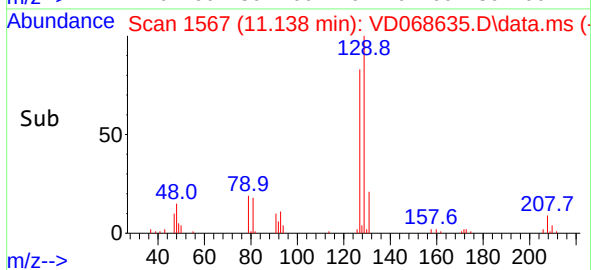
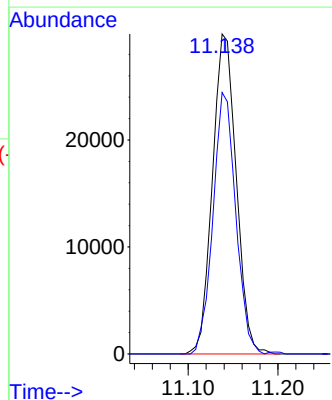
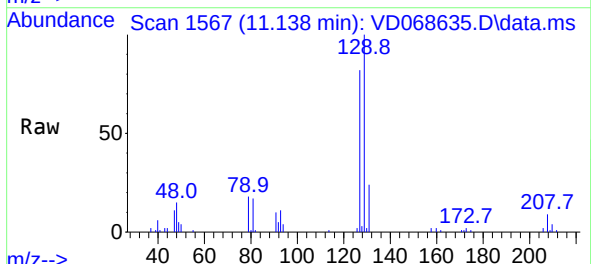
Manual Integrations
APPROVED

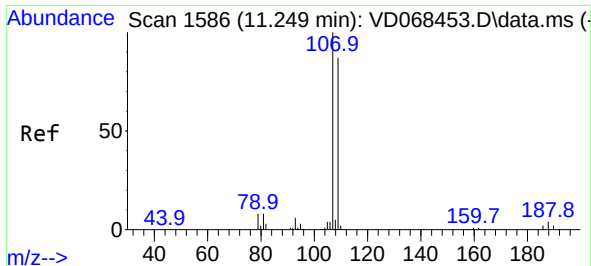
MMDadoda
3/18/2021 2:17:59 PM



#60
Dibromochloromethane
Concen: 22.18 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

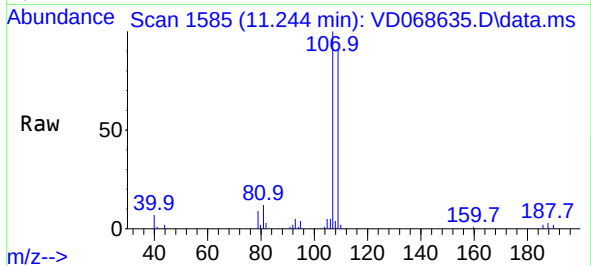
Tgt Ion:129 Resp: 55055
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.27 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

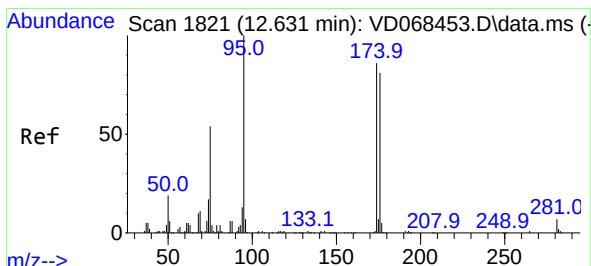
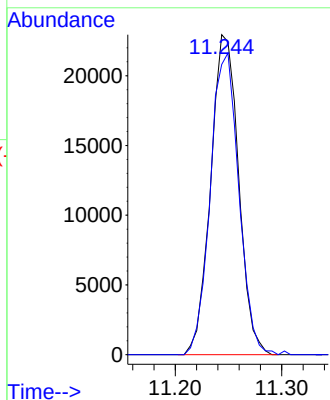
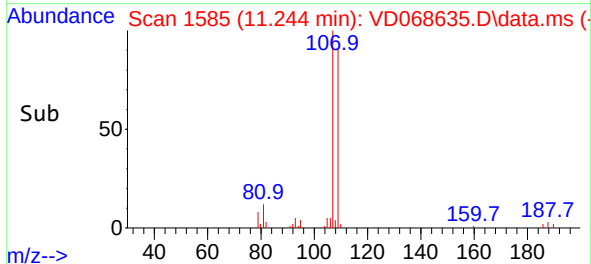
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01



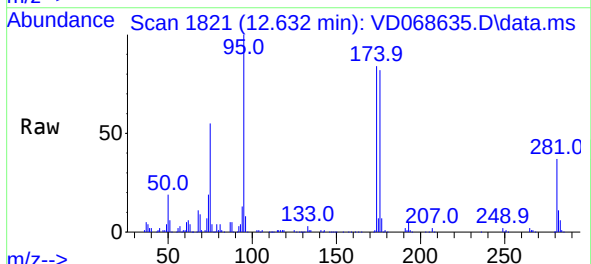
Tgt Ion:107 Resp: 41739
Ion Ratio Lower Upper
107 100
109 96.3 74.8 112.2

Manual Integrations
APPROVED

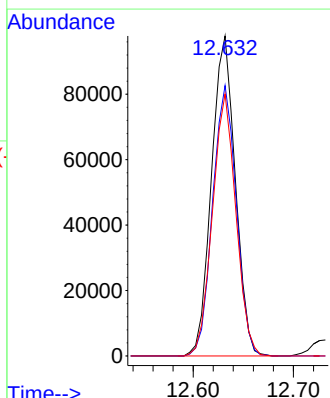
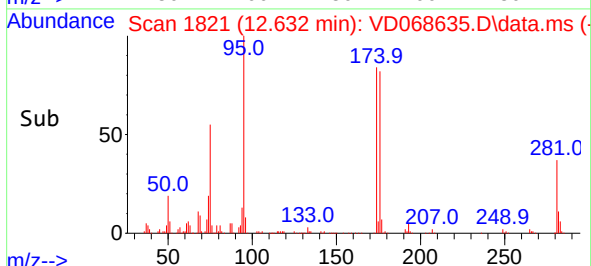
MMDadoda
3/18/2021 2:17:59 PM

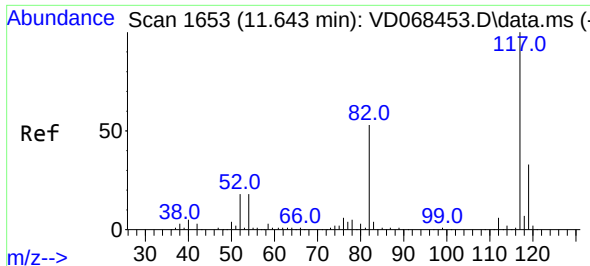


#62
4-Bromofluorobenzene
Concen: 50.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

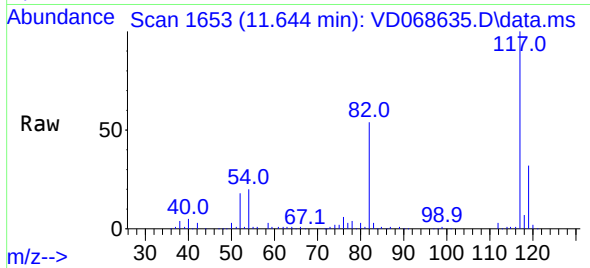


Tgt Ion: 95 Resp: 160813
Ion Ratio Lower Upper
95 100
174 84.0 0.0 172.4
176 80.7 0.0 168.4

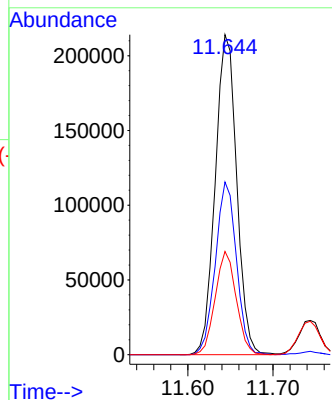
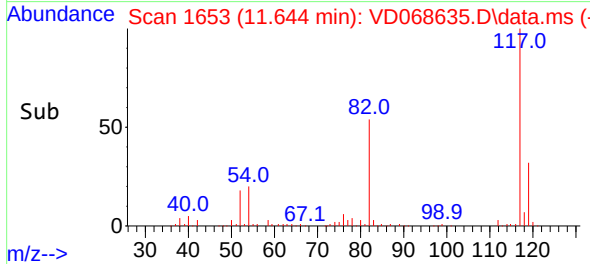




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



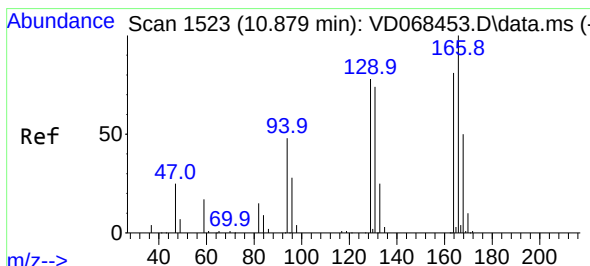
Tgt Ion:117 Resp: 374881
Ion Ratio Lower Upper
117 100
82 53.9 41.4 62.0
119 32.2 26.1 39.1



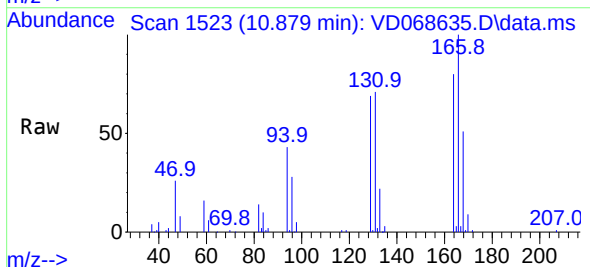
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

Manual Integrations
APPROVED

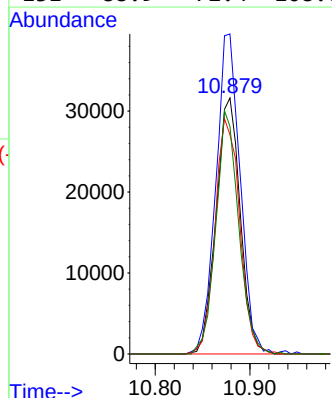
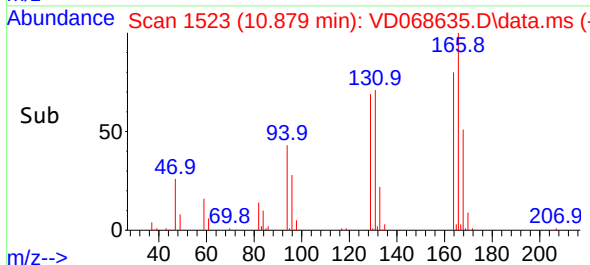
MMDadoda
3/18/2021 2:17:59 PM

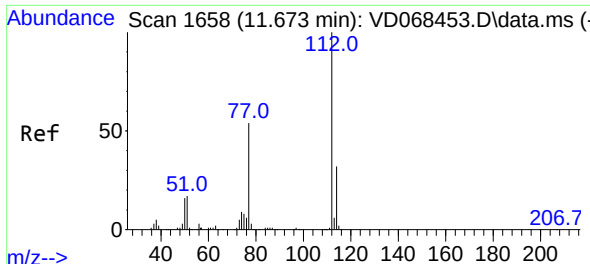


#64
Tetrachloroethene
Concen: 22.95 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



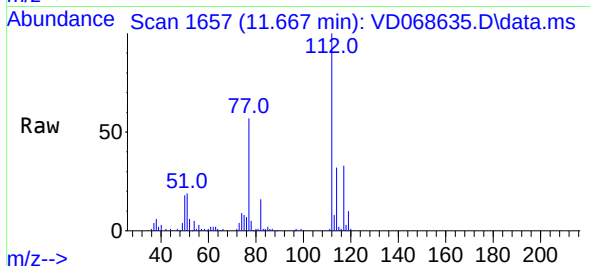
Tgt Ion:164 Resp: 56190
Ion Ratio Lower Upper
164 100
166 125.0 105.5 158.3
129 85.7 75.6 113.4
131 88.9 72.4 108.6





#65
Chlorobenzene
Concen: 22.10 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

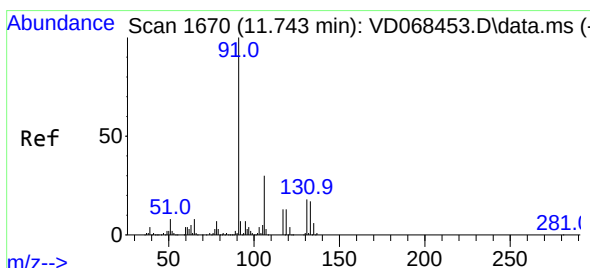
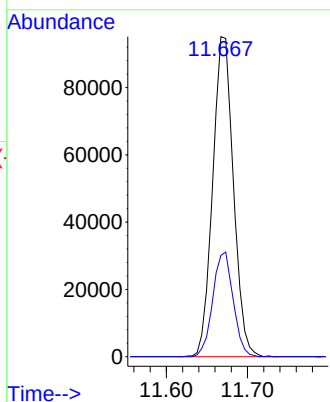
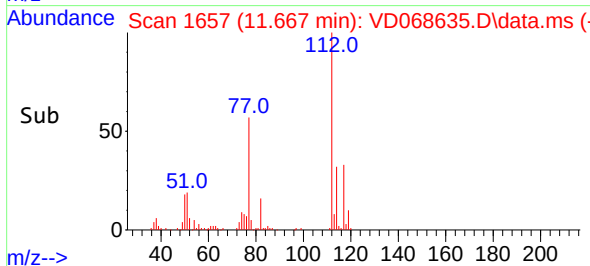
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01



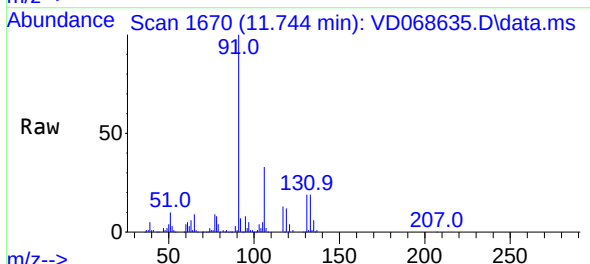
Tgt Ion:112 Resp: 168752
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

Manual Integrations
APPROVED

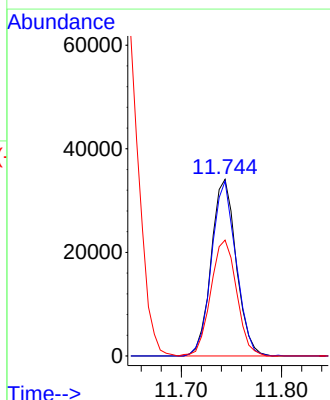
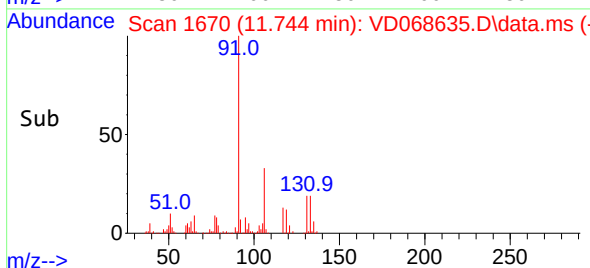
MMDadoda
3/18/2021 2:17:59 PM

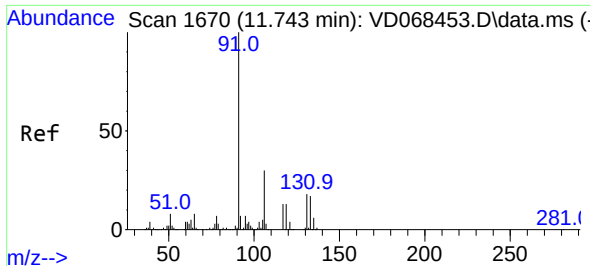


#66
1,1,1,2-Tetrachloroethane
Concen: 22.25 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



Tgt Ion:131 Resp: 59045
Ion Ratio Lower Upper
131 100
133 96.9 48.1 144.4
119 67.8 31.6 94.8





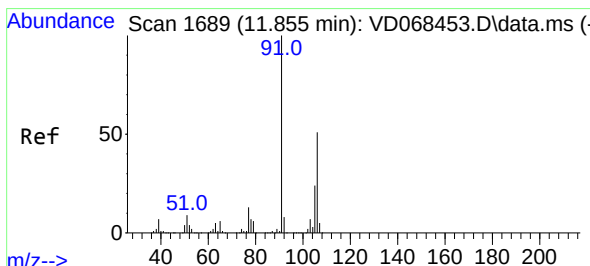
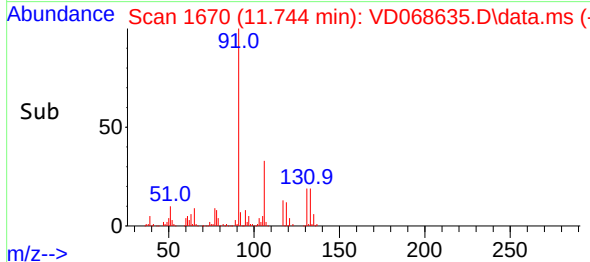
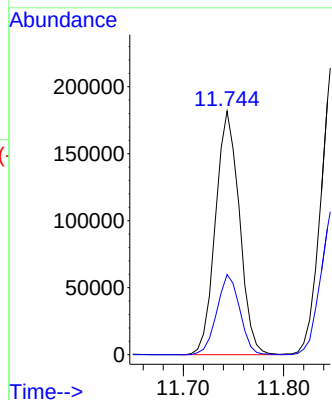
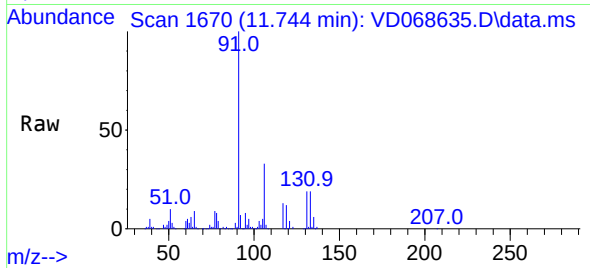
#67
Ethyl Benzene
Concen: 22.06 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 91 Resp: 300557
Ion Ratio Lower Upper
91 100
106 32.9 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

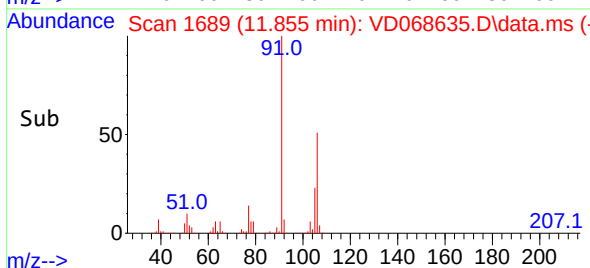
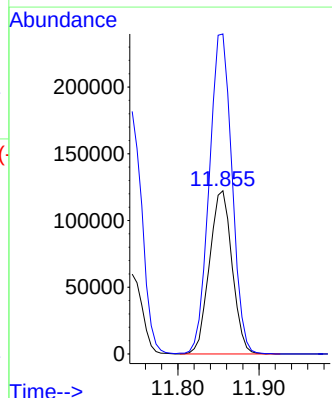
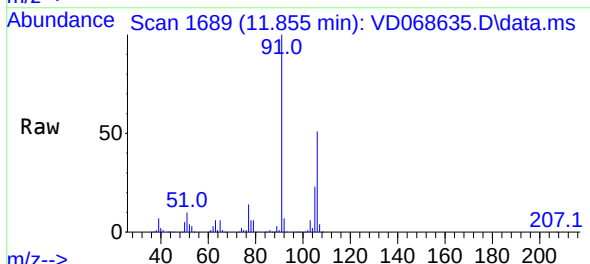
Manual Integrations
APPROVED

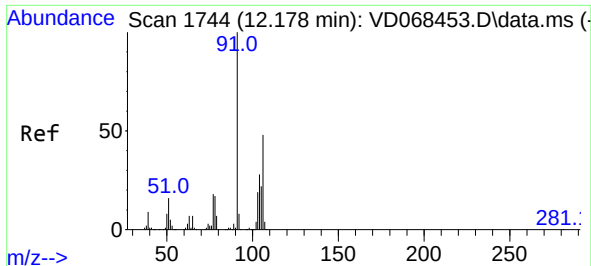
MMDadoda
3/18/2021 2:17:59 PM



#68
m/p-Xylenes
Concen: 45.77 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 106 Resp: 236886
Ion Ratio Lower Upper
106 100
91 197.1 159.1 238.7





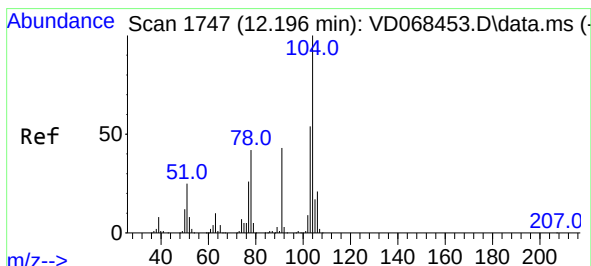
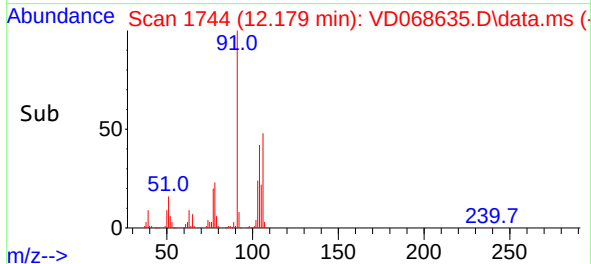
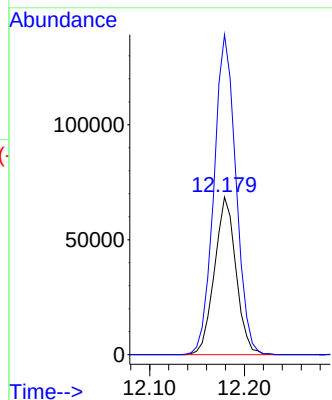
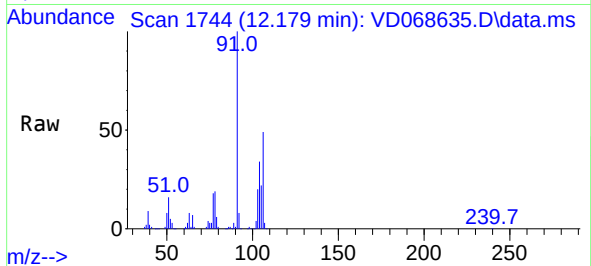
#69
o-Xylene
Concen: 22.71 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion:106 Resp: 108256
Ion Ratio Lower Upper
106 100
91 208.1 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

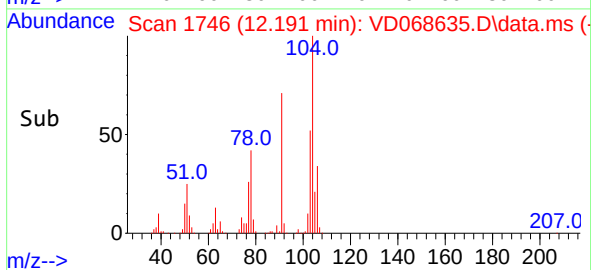
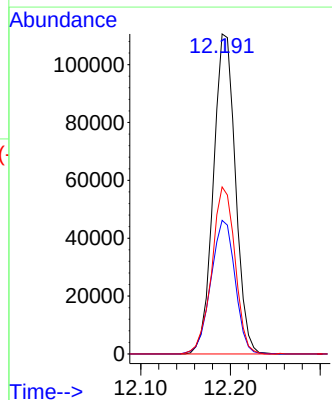
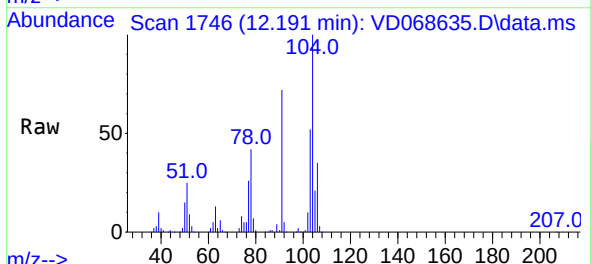
Manual Integrations
APPROVED

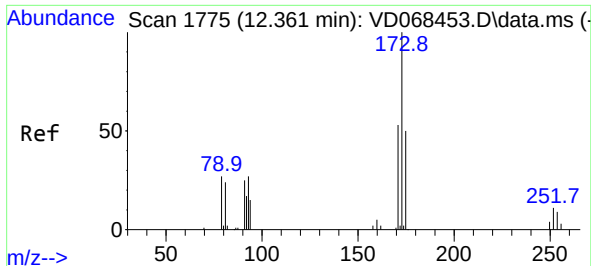
MMDadoda
3/18/2021 2:17:59 PM



#70
Styrene
Concen: 23.17 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion:104 Resp: 188910
Ion Ratio Lower Upper
104 100
78 45.7 38.2 57.2
103 54.8 43.1 64.7





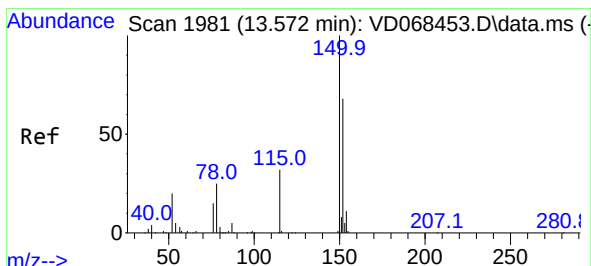
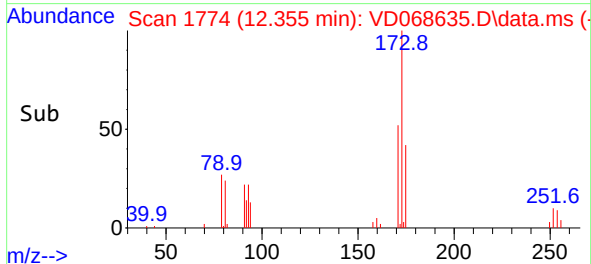
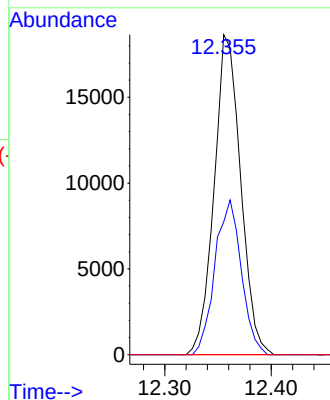
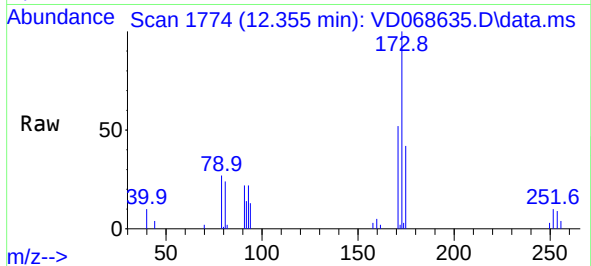
#71
Bromoform
Concen: 23.88 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion:	173	Resp:	32193
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.6	73.8
254	0.0	0.0	0.0

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

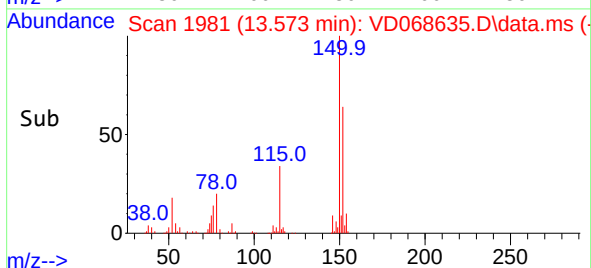
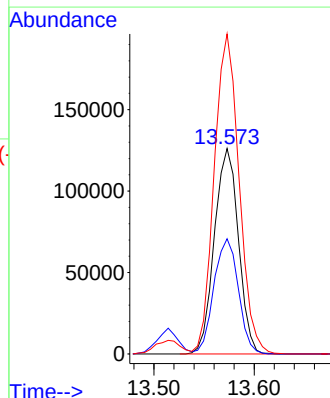
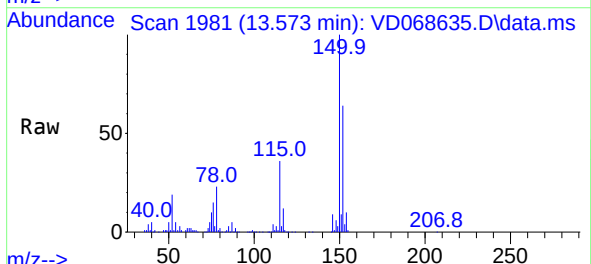
Manual Integrations
APPROVED

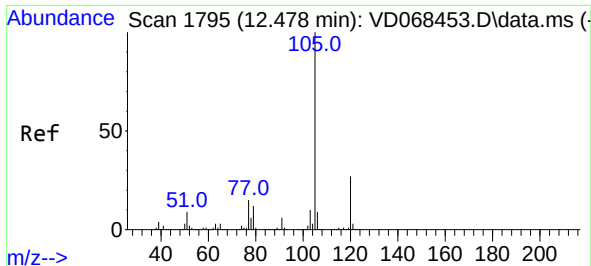
MMDadoda
3/18/2021 2:17:59 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion:	152	Resp:	209960
Ion Ratio	Lower	Upper	
152	100		
115	57.1	28.9	86.8
150	161.3	0.0	344.4





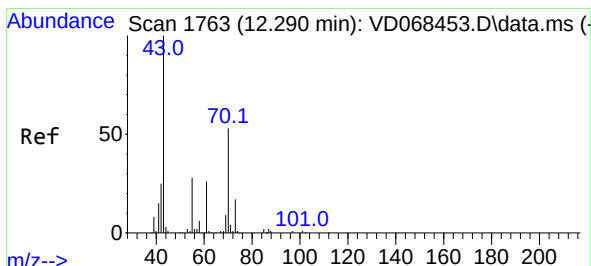
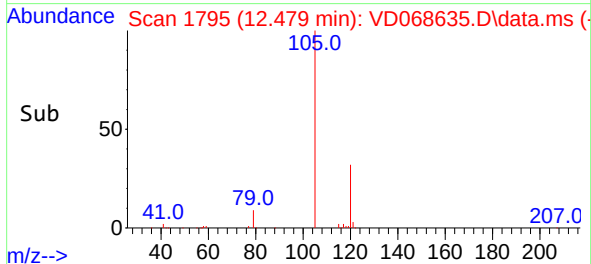
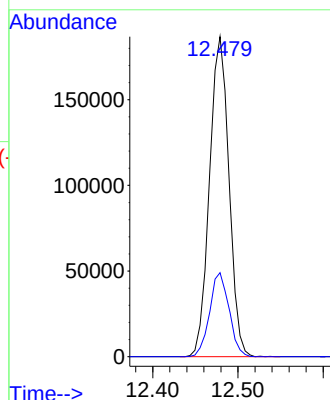
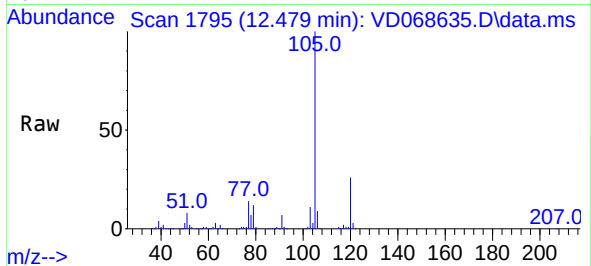
#73
Isopropylbenzene
Concen: 19.00 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 105 Resp: 295903
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

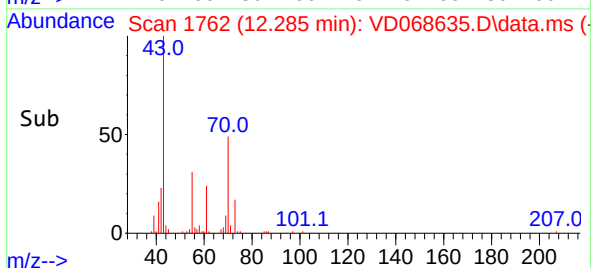
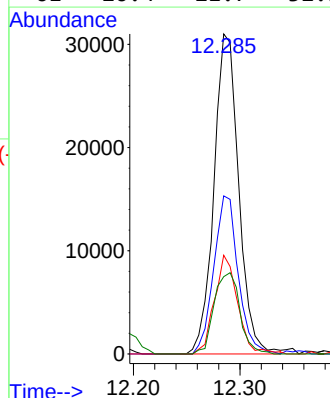
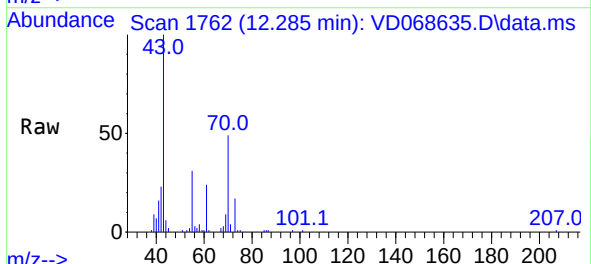
Manual Integrations
APPROVED

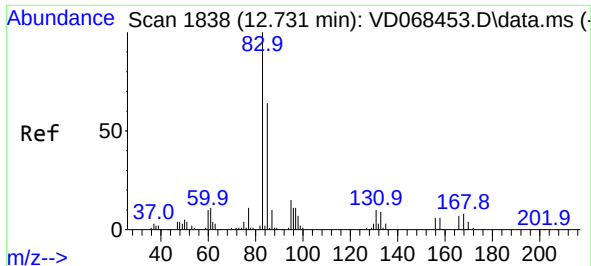
MMDadoda
3/18/2021 2:17:59 PM



#74
N-ethyl acetate
Concen: 18.86 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

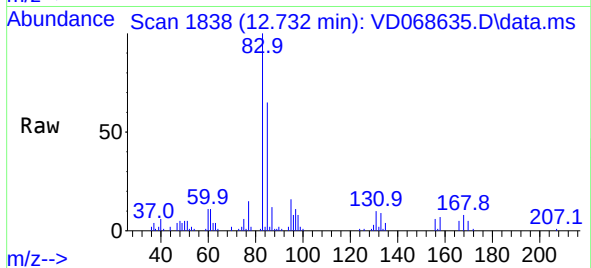
Tgt Ion: 43 Resp: 50036
Ion Ratio Lower Upper
43 100
70 48.8 41.8 62.8
55 28.8 24.2 36.4
61 26.4 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 19.50 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

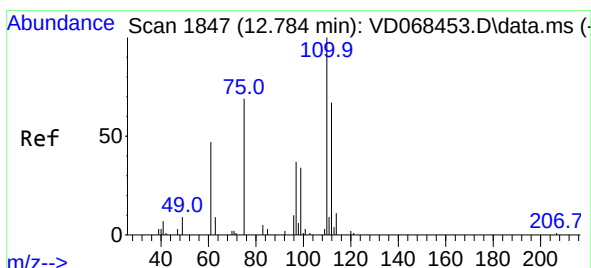
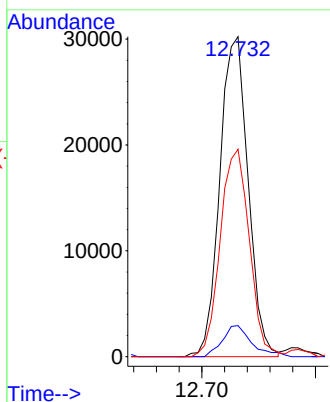
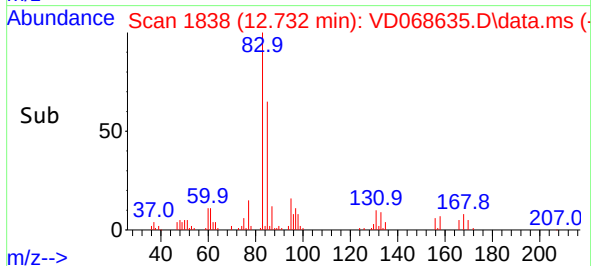
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01



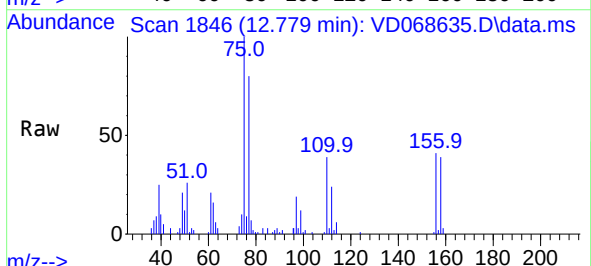
Tgt Ion: 83 Resp: 52251
Ion Ratio Lower Upper
83 100
131 10.0 5.8 17.4
85 66.7 32.4 97.2

Manual Integrations
APPROVED

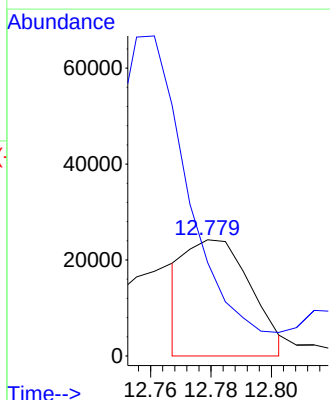
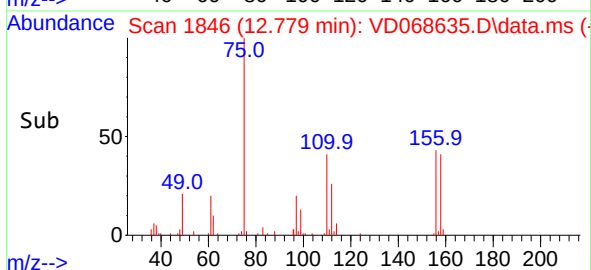
MMDadoda
3/18/2021 2:17:59 PM

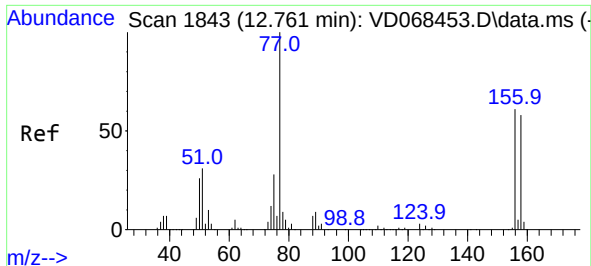


#76
1,2,3-Trichloropropane
Concen: 19.47 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



Tgt Ion: 75 Resp: 36282
Ion Ratio Lower Upper
75 100
77 351.7 0.0 0.0#





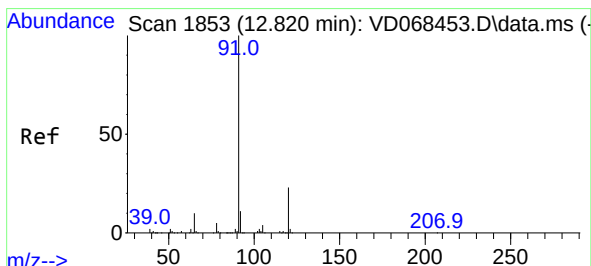
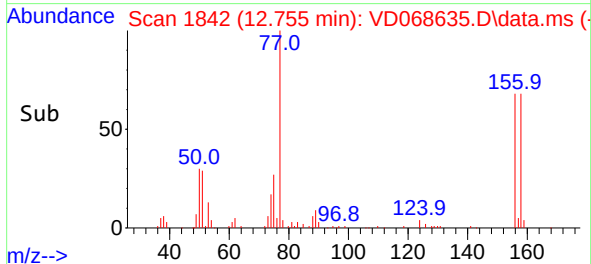
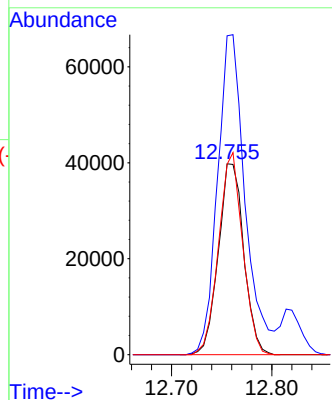
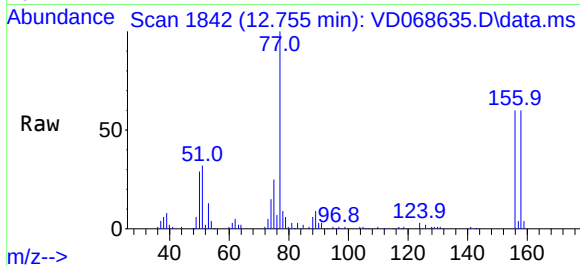
#77
Bromobenzene
Concen: 19.70 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 156 Resp: 70019
Ion Ratio Lower Upper
156 100
77 182.2 82.8 248.3
158 100.5 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

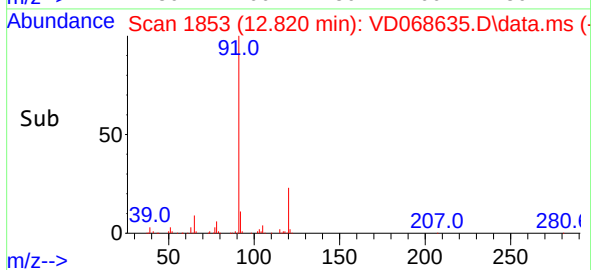
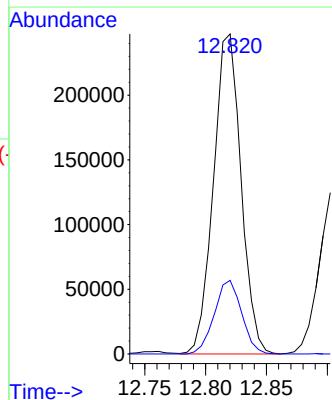
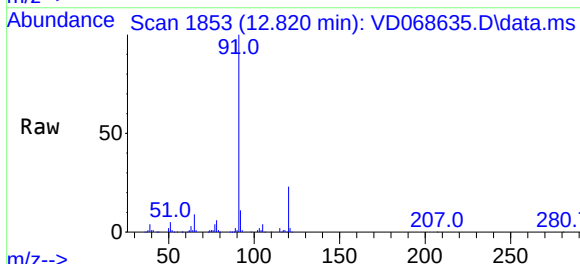
Manual Integrations
APPROVED

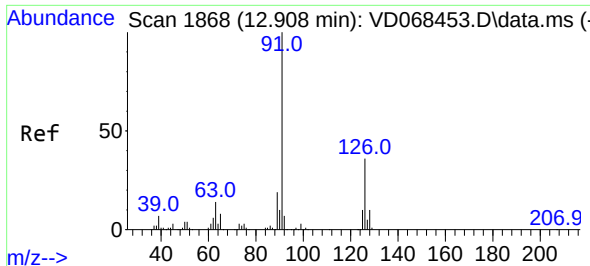
MMDadoda
3/18/2021 2:17:59 PM



#78
n-propylbenzene
Concen: 20.94 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

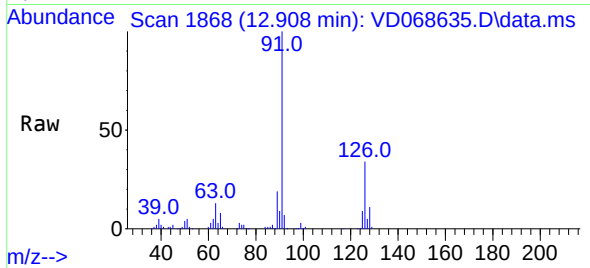
Tgt Ion: 91 Resp: 389564
Ion Ratio Lower Upper
91 100
120 22.8 12.0 36.0





#79
2-Chlorotoluene
Concen: 21.06 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

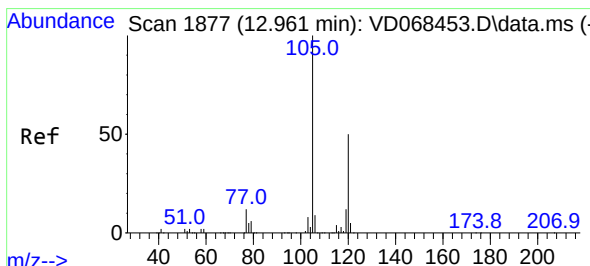
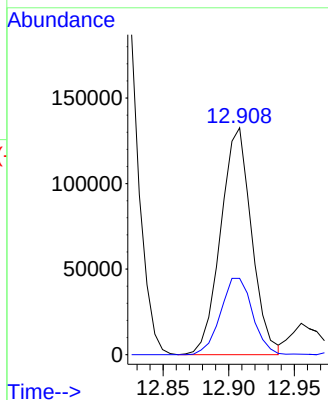
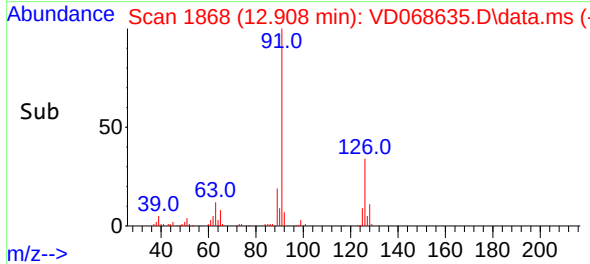
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01



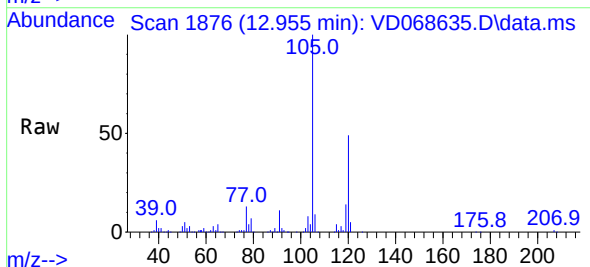
Tgt Ion: 91 Resp: 217457
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.5

Manual Integrations
APPROVED

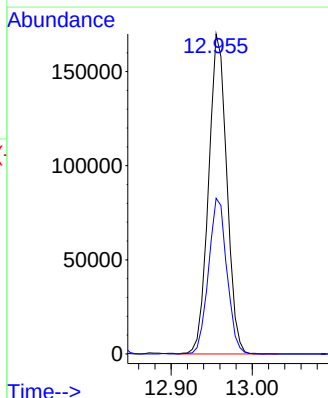
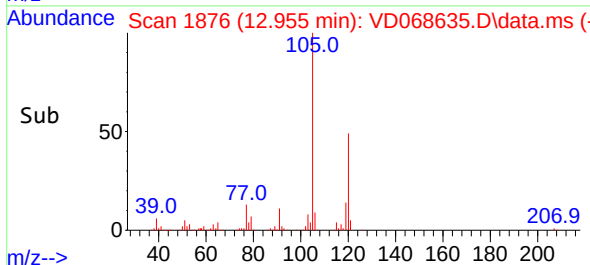
MMDadoda
3/18/2021 2:17:59 PM

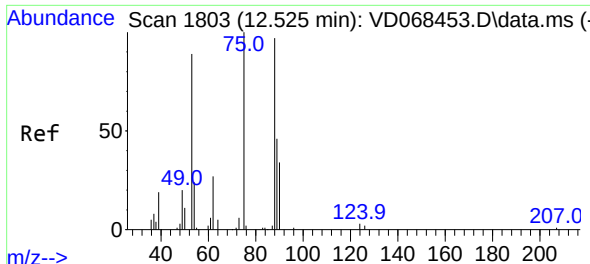


#80
1,3,5-Trimethylbenzene
Concen: 20.69 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



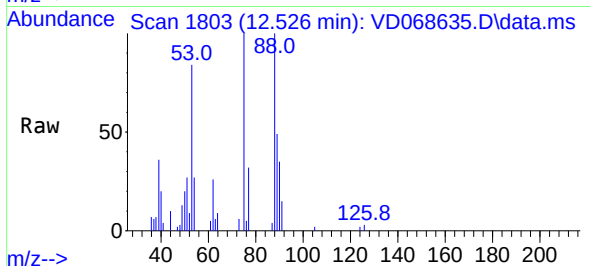
Tgt Ion: 105 Resp: 264099
Ion Ratio Lower Upper
105 100
120 49.0 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.58 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

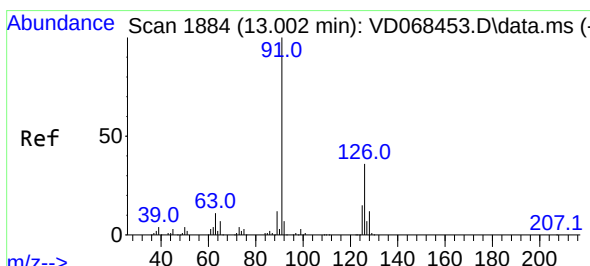
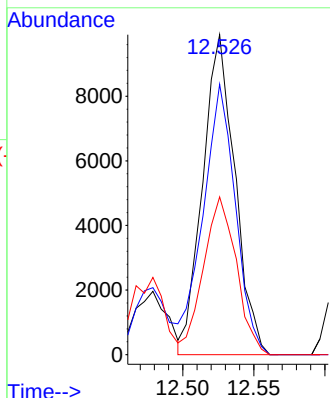
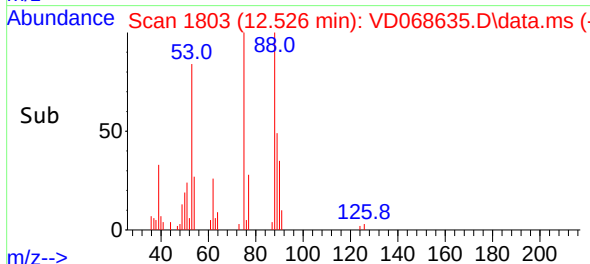
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01



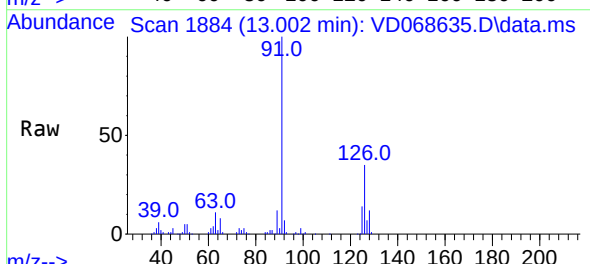
Tgt Ion: 75 Resp: 15640
Ion Ratio Lower Upper
75 100
53 84.8 70.2 105.2
89 50.5 40.3 60.5

Manual Integrations
APPROVED

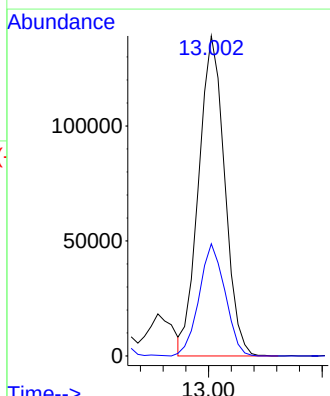
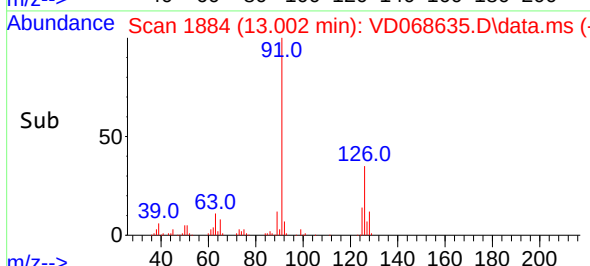
MMDadoda
3/18/2021 2:17:59 PM

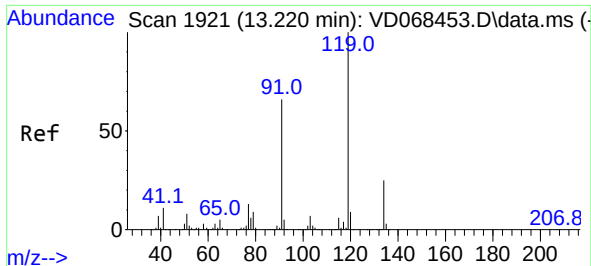


#82
4-Chlorotoluene
Concen: 20.32 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



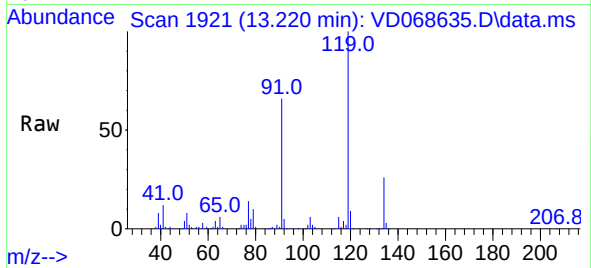
Tgt Ion: 91 Resp: 220822
Ion Ratio Lower Upper
91 100
126 34.9 17.7 53.1





#83
tert-Butylbenzene
Concen: 20.29 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

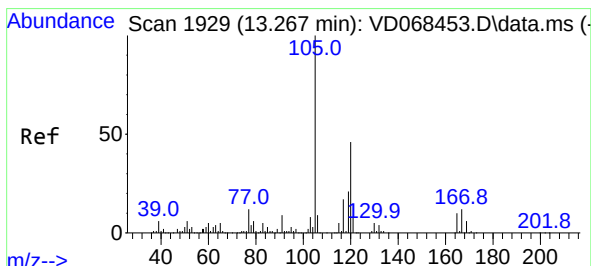
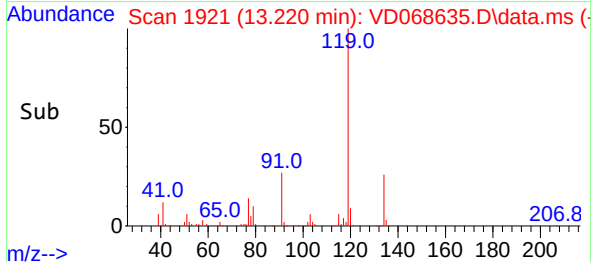
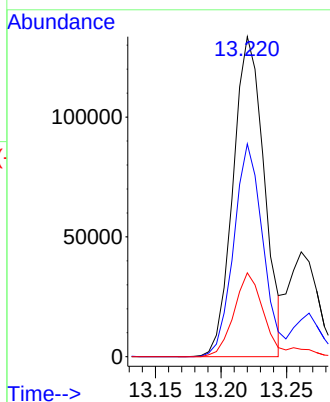
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01



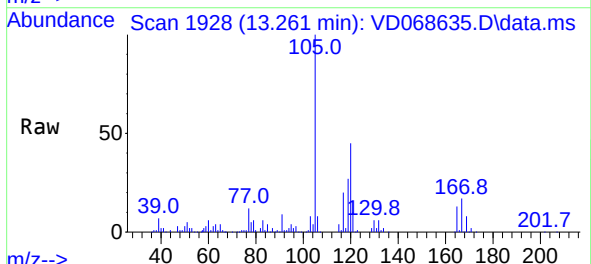
Tgt Ion:119 Resp: 220493
Ion Ratio Lower Upper
119 100
91 62.8 31.1 93.5
134 24.6 13.3 39.8

Manual Integrations
APPROVED

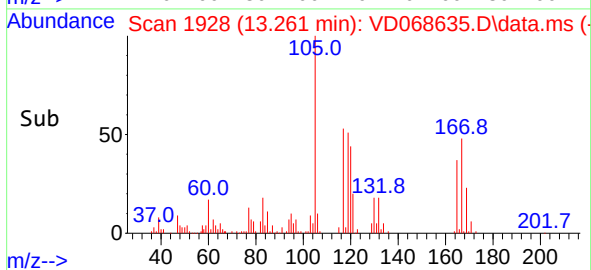
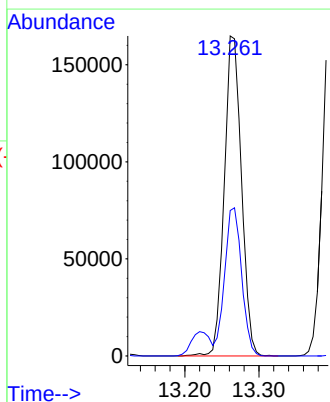
MMDadoda
3/18/2021 2:17:59 PM

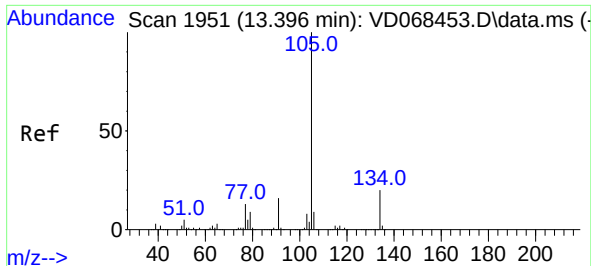


#84
1,2,4-Trimethylbenzene
Concen: 20.77 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



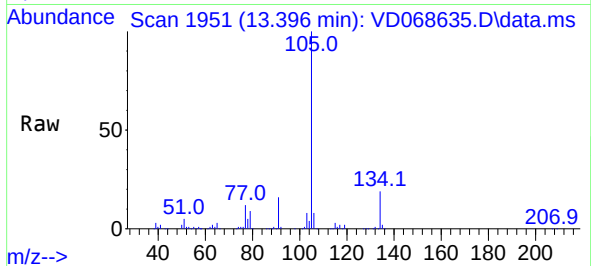
Tgt Ion:105 Resp: 265430
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.0





#85
sec-Butylbenzene
Concen: 20.95 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

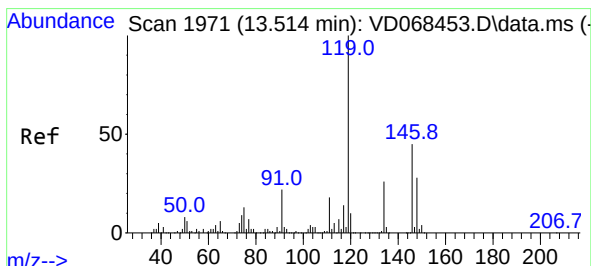
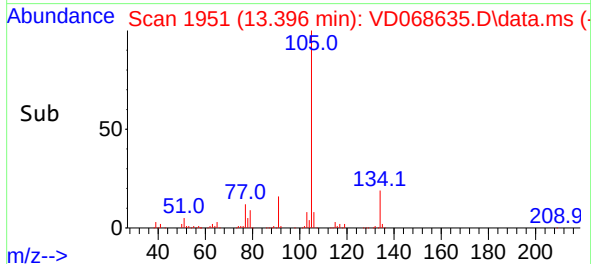
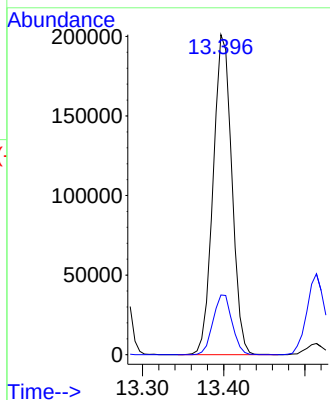
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01



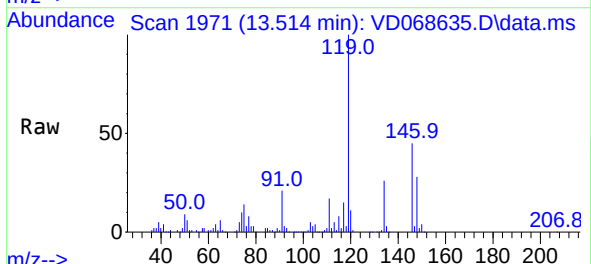
Tgt Ion:105 Resp: 321647
Ion Ratio Lower Upper
105 100
134 18.9 10.3 30.9

Manual Integrations
APPROVED

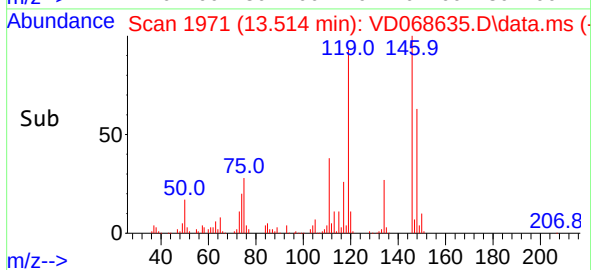
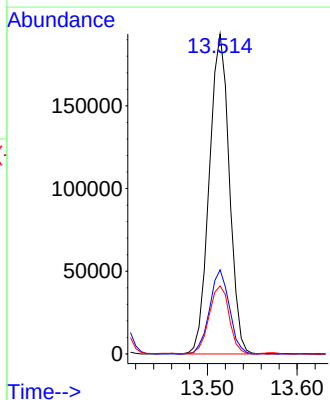
MMDadoda
3/18/2021 2:17:59 PM

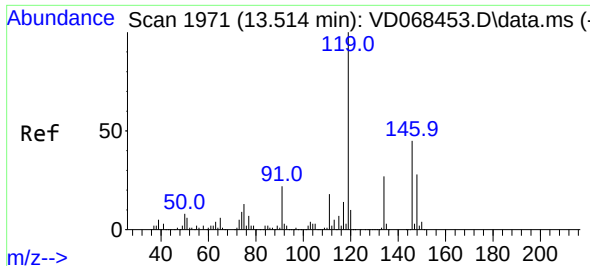


#86
p-Isopropyltoluene
Concen: 21.48 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

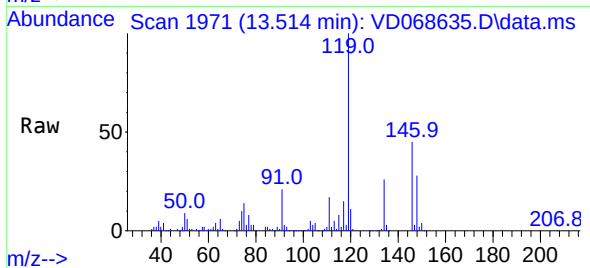


Tgt Ion:119 Resp: 299362
Ion Ratio Lower Upper
119 100
134 26.0 12.9 38.7
91 21.2 11.7 35.0

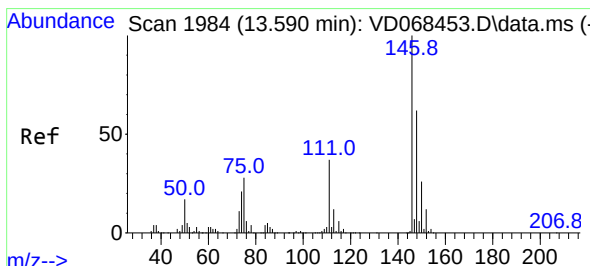
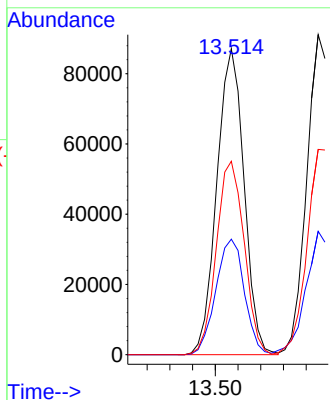
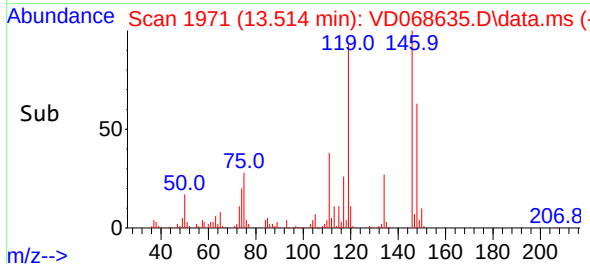




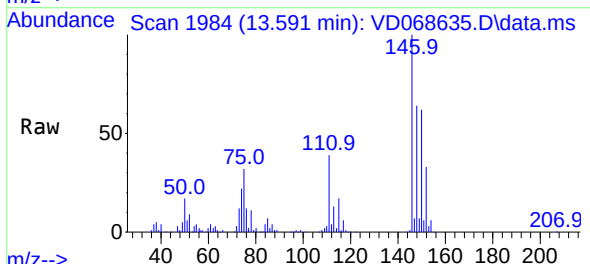
#87
1,3-Dichlorobenzene
Concen: 21.15 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



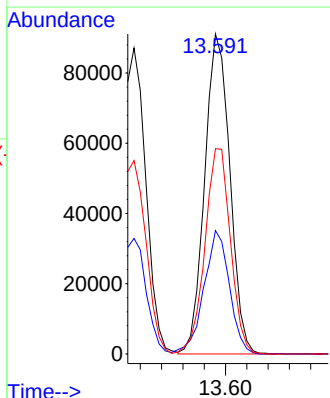
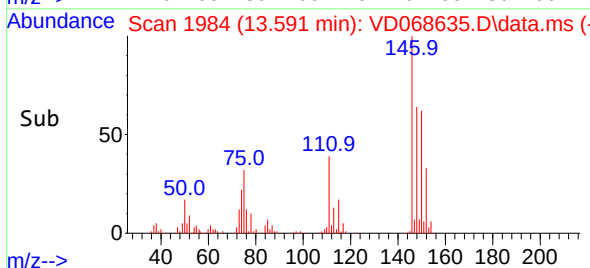
Tgt Ion:146 Resp: 145146
Ion Ratio Lower Upper
146 100
111 39.7 19.5 58.5
148 64.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 22.05 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



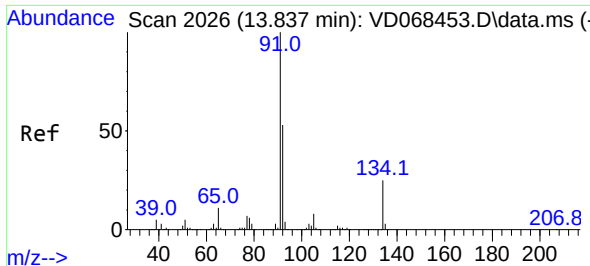
Tgt Ion:146 Resp: 149931
Ion Ratio Lower Upper
146 100
111 39.1 19.1 57.1
148 65.2 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
VD0317SBS01

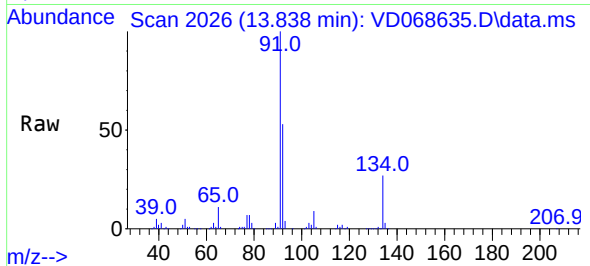
Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:17:59 PM



#89
n-Butylbenzene
Concen: 21.60 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

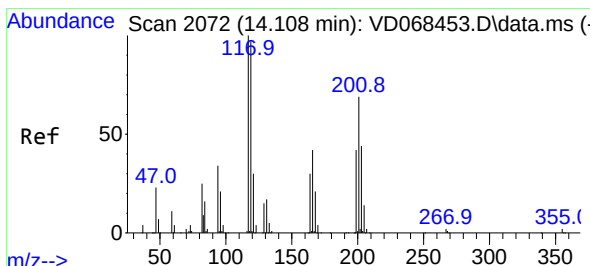
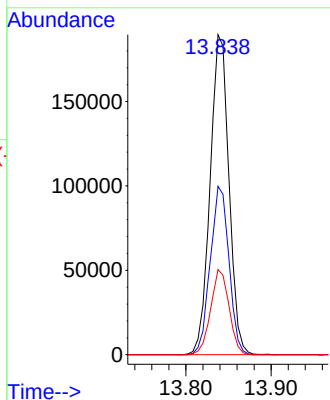
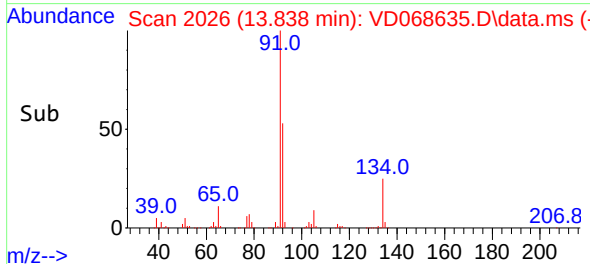
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01



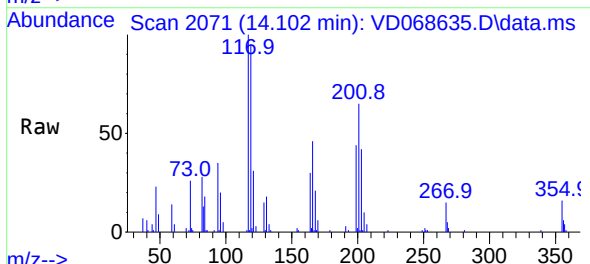
Tgt Ion: 91 Resp: 290361
Ion Ratio Lower Upper
91 100
92 52.3 27.2 81.6
134 25.9 13.9 41.7

Manual Integrations
APPROVED

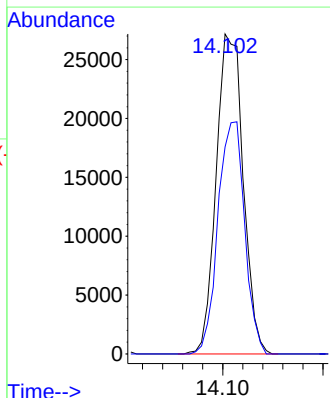
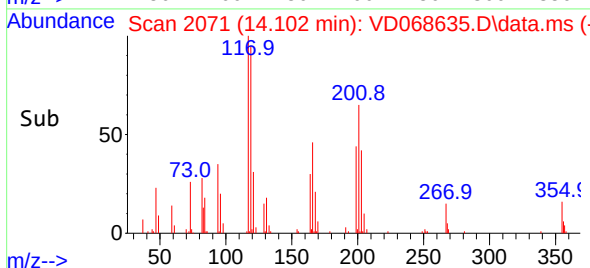
MMDadoda
3/18/2021 2:17:59 PM

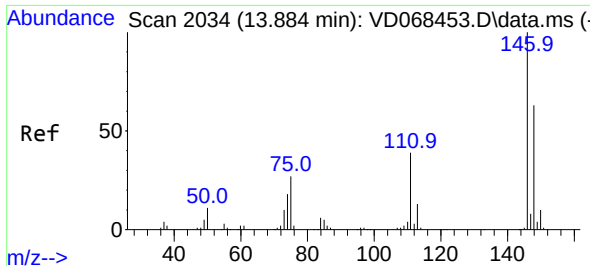


#90
Hexachloroethane
Concen: 18.34 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. -0.005 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



Tgt Ion: 117 Resp: 50790
Ion Ratio Lower Upper
117 100
201 71.7 39.5 118.5





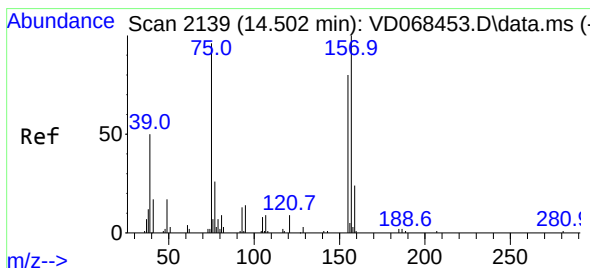
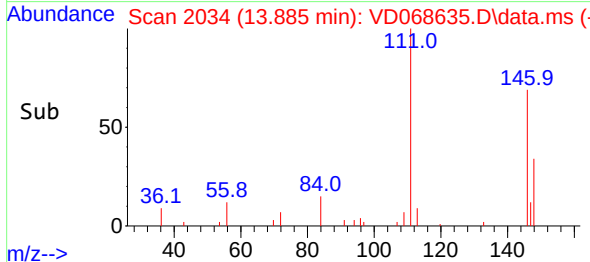
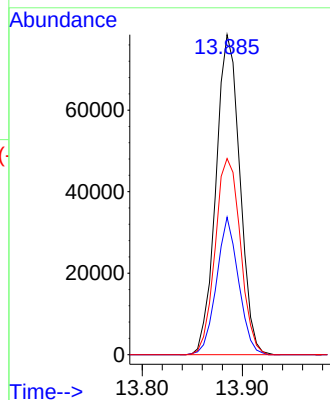
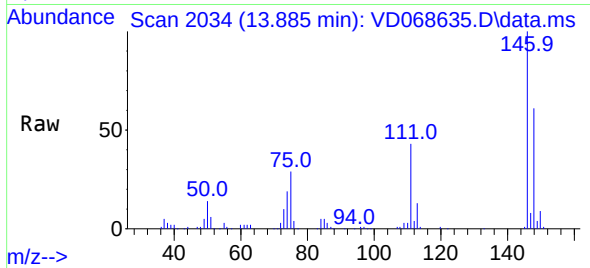
#91
1,2-Dichlorobenzene
Concen: 22.12 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion:146 Resp: 130237
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.9
148 64.6 31.7 95.1

Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

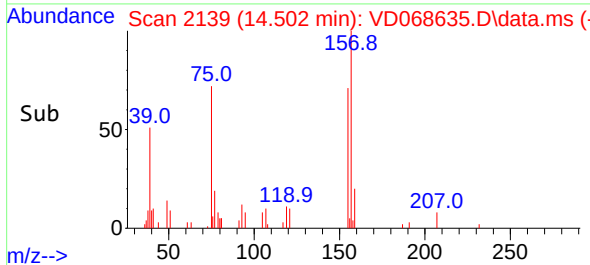
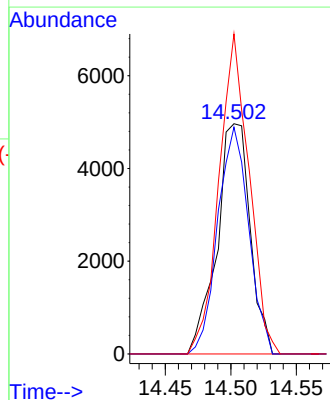
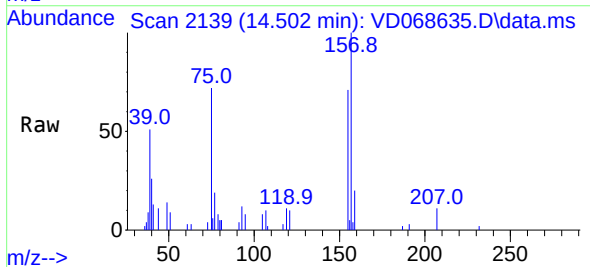
Manual Integrations
APPROVED

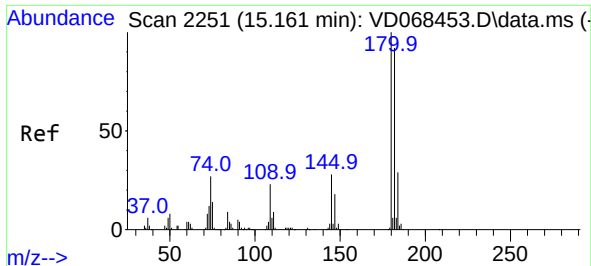
MMDadoda
3/18/2021 2:17:59 PM



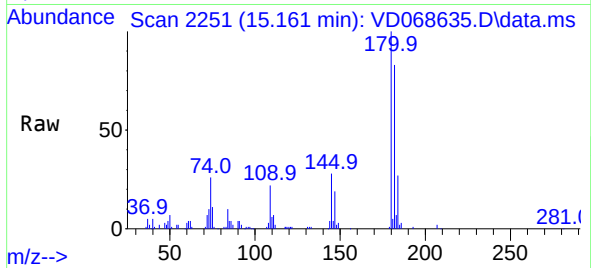
#92
1,2-Dibromo-3-Chloropropane
Concen: 18.50 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52

Tgt Ion: 75 Resp: 8738
Ion Ratio Lower Upper
75 100
155 92.0 48.0 144.2
157 125.6 65.0 194.8

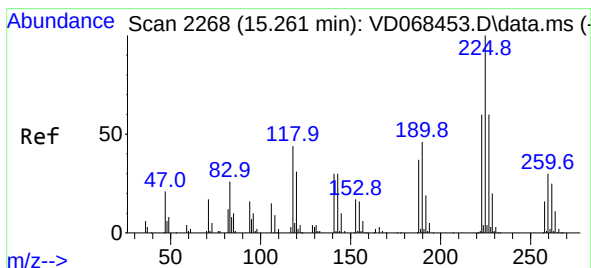
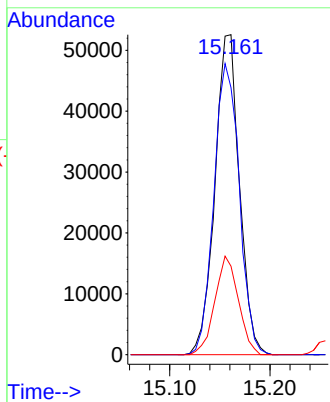
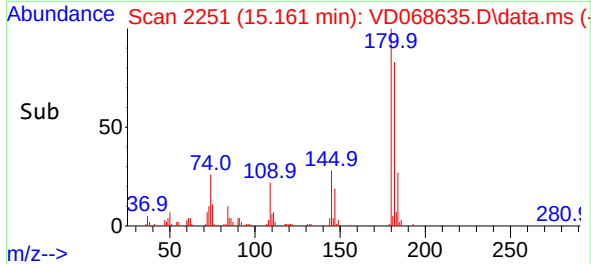




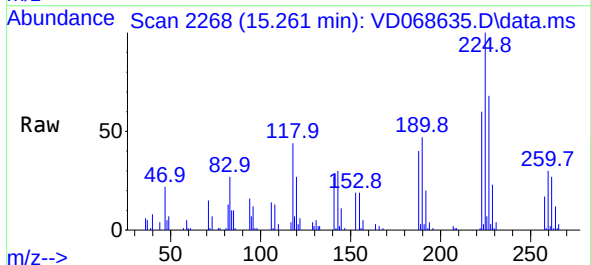
#93
1,2,4-Trichlorobenzene
Concen: 19.61 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



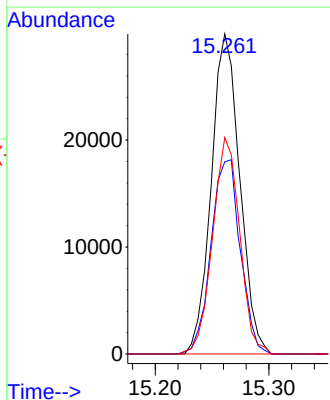
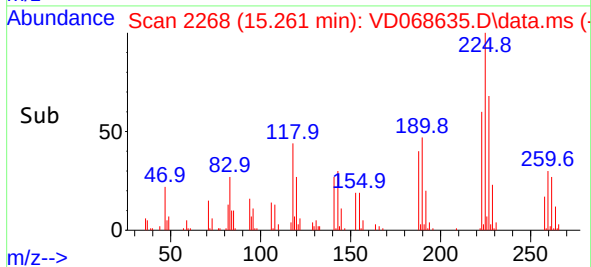
Tgt Ion:180 Resp: 89150
Ion Ratio Lower Upper
180 100
182 94.3 46.8 140.4
145 29.6 15.2 45.5



#94
Hexachlorobutadiene
Concen: 20.65 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



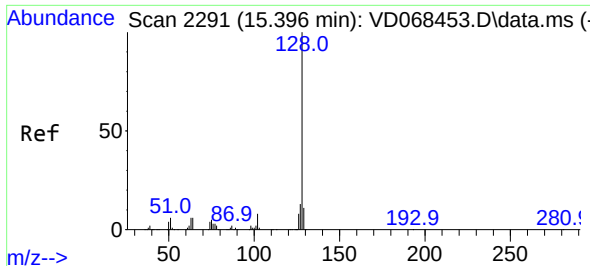
Tgt Ion:225 Resp: 52107
Ion Ratio Lower Upper
225 100
223 62.6 31.9 95.5
227 64.4 32.1 96.5



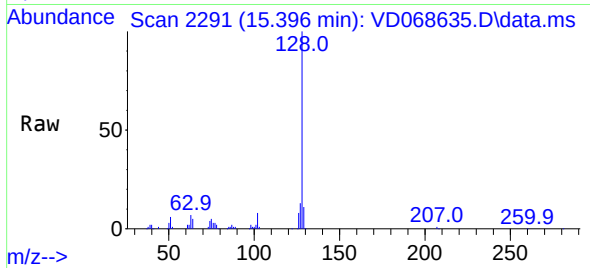
Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

Manual Integrations
APPROVED

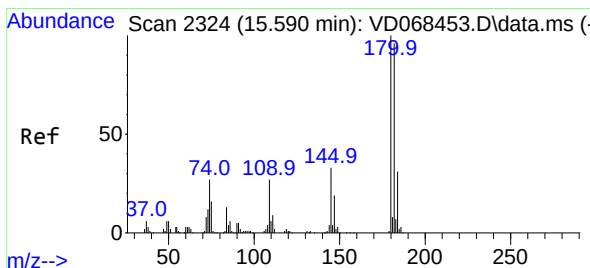
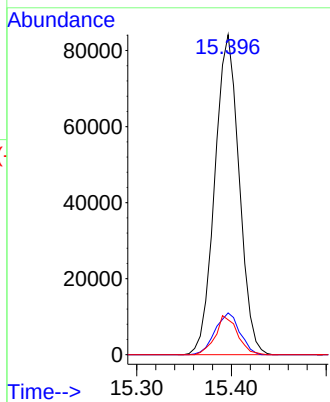
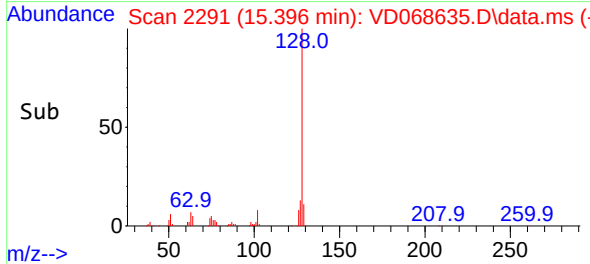
MMDadoda
3/18/2021 2:17:59 PM



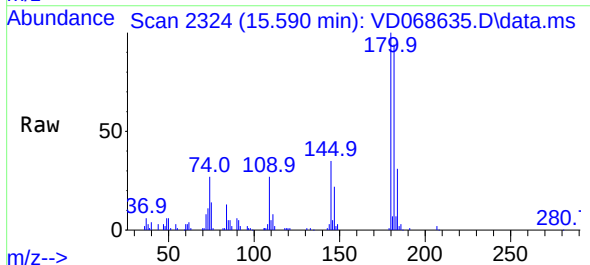
#95
Naphthalene
Concen: 18.27 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



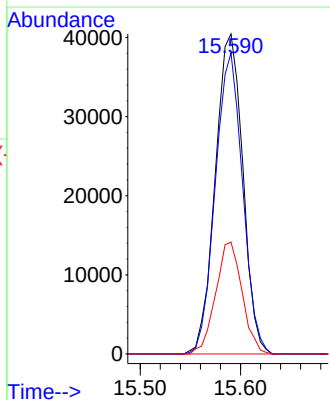
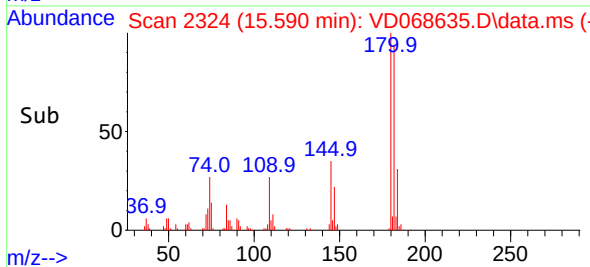
Tgt Ion:128 Resp: 150396
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.62 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068635.D
Acq: 17 Mar 2021 13:52



Tgt Ion:180 Resp: 77235
Ion Ratio Lower Upper
180 100
182 93.0 48.3 144.8
145 33.5 16.7 50.1



Instrument :
MSVOA_D
ClientSampleId :
VD0317SBSD01

Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:17:59 PM