

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011221\
 Data File : VD068054.D
 Acq On : 12 Jan 2021 13:37
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Manual Integrations
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Quant Time: Jan 13 03:36:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:34:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	512493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	785858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	734585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	360943	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	90207	16.72	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	33.44%#
35) Dibromofluoromethane	7.920	113	94673	19.29	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.58%#
50) Toluene-d8	10.344	98	367803	20.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	40.06%#
62) 4-Bromofluorobenzene	12.632	95	123688	19.60	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.20%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	80119	15.50	ug/l	93
3) Chloromethane	2.209	50	81616	12.09	ug/l	99
4) Vinyl Chloride	2.350	62	88825	13.87	ug/l	98
5) Bromomethane	2.756	94	65208	13.98	ug/l	96
6) Chloroethane	2.920	64	55277	14.02	ug/l	91
7) Trichlorofluoromethane	3.273	101	174580	17.85	ug/l	95
8) Diethyl Ether	3.715	74	43015	15.87	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	97667	16.96	ug/l	99
10) Methyl Iodide	4.309	142	90264	17.81	ug/l	98
11) Tert butyl alcohol	5.226	59	31557	67.64	ug/l #	86
12) 1,1-Dichloroethene	4.073	96	90100	16.43	ug/l	92
13) Acrolein	3.926	56	34288	88.33	ug/l	99
14) Allyl chloride	4.720	41	103538	11.17	ug/l	97
15) Acrylonitrile	5.426	53	82527	64.39	ug/l	99
16) Acetone	4.162	43	69683	68.06	ug/l	90
17) Carbon Disulfide	4.414	76	271745	14.57	ug/l	99
18) Methyl Acetate	4.720	43	33967	11.53	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	185419	16.21	ug/l #	87
20) Methylene Chloride	4.967	84	129479	15.25	ug/l	98
21) trans-1,2-Dichloroethene	5.479	96	99390	15.33	ug/l	94
22) Diisopropyl ether	6.367	45	225381	12.09	ug/l	97
23) Vinyl Acetate	6.308	43	558044	58.74	ug/l	96
24) 1,1-Dichloroethane	6.273	63	161047	13.89	ug/l	99
25) 2-Butanone	7.220	43	86753	58.99	ug/l	99
26) 2,2-Dichloropropane	7.214	77	158193	16.77	ug/l	99
27) cis-1,2-Dichloroethene	7.220	96	111863	16.08	ug/l	97
28) Bromochloromethane	7.550	49	55091	12.99	ug/l	98
29) Tetrahydrofuran	7.573	42	56223	56.91	ug/l	99
30) Chloroform	7.714	83	187563	16.27	ug/l	99
31) Cyclohexane	7.991	56	135571	12.58	ug/l #	90
32) 1,1,1-Trichloroethane	7.908	97	175905	17.42	ug/l	99
36) 1,1-Dichloropropene	8.114	75	141328	17.33	ug/l	100
37) Ethyl Acetate	7.291	43	42835	13.41	ug/l	97
38) Carbon Tetrachloride	8.097	117	163479	20.10	ug/l	97
39) Methylcyclohexane	9.361	83	164826	17.30	ug/l	96
40) Benzene	8.355	78	398647	16.89	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	24817	13.65	ug/l	98
42) 1,2-Dichloroethane	8.426	62	109915	17.05	ug/l	98
43) Isopropyl Acetate	8.461	43	80291	13.60	ug/l	98
44) Trichloroethene	9.114	130	119156	19.52	ug/l	99
45) 1,2-Dichloropropane	9.391	63	90897	15.31	ug/l	97
46) Dibromomethane	9.479	93	52525	17.65	ug/l	98
47) Bromodichloromethane	9.667	83	141060	17.70	ug/l	97
48) Methyl methacrylate	9.461	41	37956	12.40	ug/l	84
49) 1,4-Dioxane	9.467	88	11244	344.49	ug/l #	85
51) 4-Methyl-2-Pentanone	10.232	43	204467	67.09	ug/l	99
52) Toluene	10.408	92	267188	18.11	ug/l	98
53) t-1,3-Dichloropropene	10.626	75	125972	17.43	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	154615	17.42	ug/l	99
55) 1,1,2-Trichloroethane	10.802	97	76766	18.49	ug/l	99
56) Ethyl methacrylate	10.667	69	77133	16.66	ug/l	99
57) 1,3-Dichloropropane	10.949	76	122673	16.99	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.949	63	203202	89.00	ug/l	100
59) 2-Hexanone	10.991	43	144005	71.50	ug/l	97
60) Dibromochloromethane	11.144	129	103579	19.84	ug/l	100
61) 1,2-Dibromoethane	11.249	107	72798	18.20	ug/l	100
64) Tetrachloroethene	10.879	164	103769	19.88	ug/l	97
65) Chlorobenzene	11.673	112	290607	18.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.743	131	110463	19.40	ug/l	99
67) Ethyl Benzene	11.749	91	498294	17.78	ug/l	99
68) m/p-Xylenes	11.855	106	400060	37.37	ug/l	99
69) o-Xylene	12.179	106	179725	18.82	ug/l	92
70) Styrene	12.196	104	309491	18.69	ug/l	99
71) Bromoform	12.361	173	59739	20.65	ug/l #	94
73) Isopropylbenzene	12.479	105	484980	18.00	ug/l	99
74) N-amyl acetate	12.291	43	72775	12.55	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	78227	15.99	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	60567m	20.18	ug/l	
77) Bromobenzene	12.761	156	116855	18.92	ug/l	97
78) n-propylbenzene	12.820	91	579183	17.52	ug/l	99
79) 2-Chlorotoluene	12.908	91	332803	17.83	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	424186	18.92	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.532	75	25664	17.42	ug/l	91
82) 4-Chlorotoluene	13.008	91	349138	17.78	ug/l	99
83) tert-Butylbenzene	13.226	119	350138	18.90	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	416478	18.60	ug/l	99
85) sec-Butylbenzene	13.402	105	495693	18.43	ug/l	100
86) p-Isopropyltoluene	13.514	119	470555	19.75	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	232711	19.00	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	231780	19.14	ug/l	98
89) n-Butylbenzene	13.843	91	413497	17.76	ug/l	97
90) Hexachloroethane	14.114	117	84698	17.50	ug/l	99
91) 1,2-Dichlorobenzene	13.890	146	199044	19.19	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	12431	16.02	ug/l	92
93) 1,2,4-Trichlorobenzene	15.161	180	135551	21.35	ug/l	99
94) Hexachlorobutadiene	15.267	225	83566	22.12	ug/l	99
95) Naphthalene	15.402	128	211007	19.01	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	115432	21.08	ug/l	100

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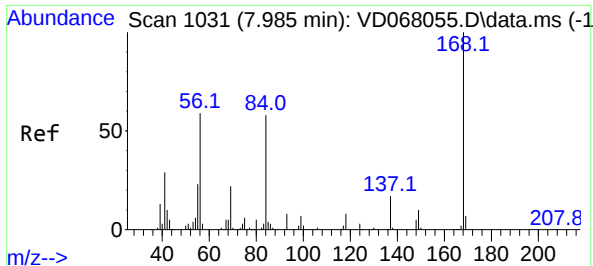
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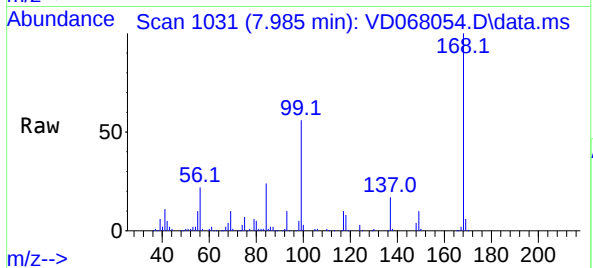
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD068054.D
 Acq: 12 Jan 2021 13:37

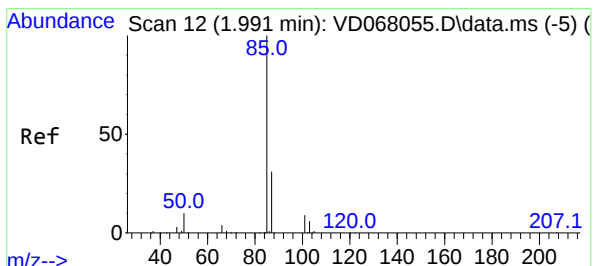
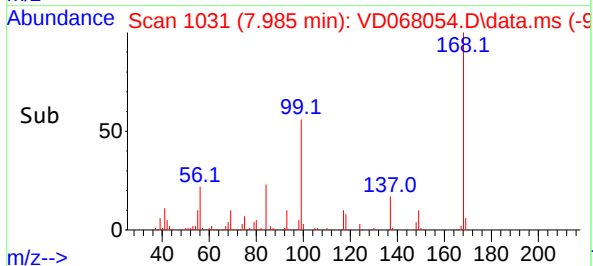
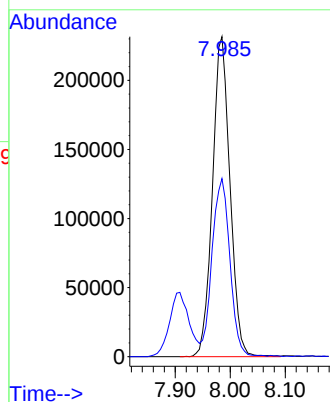
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020



Tgt Ion:168 Resp: 512493
 Ion Ratio Lower Upper
 168 100
 99 55.4 43.5 65.3

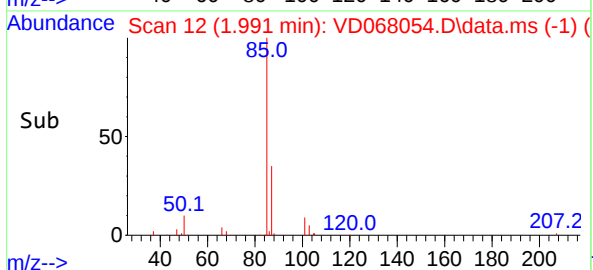
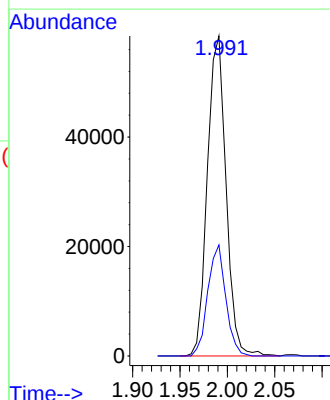
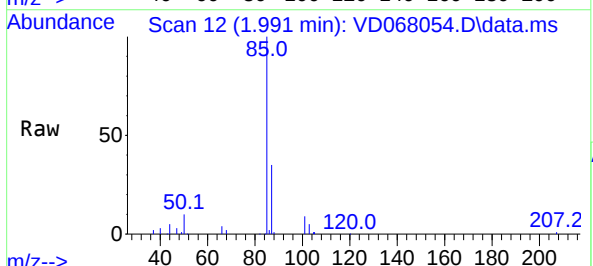
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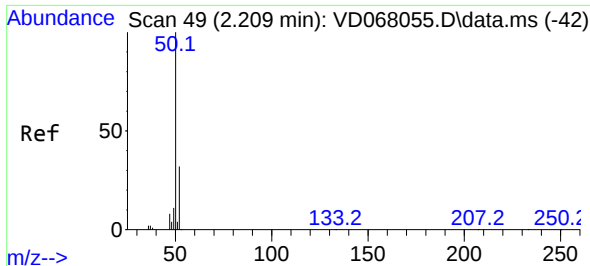
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Dichlorodifluoromethane
 Concen: 15.50 ug/l
 RT: 1.991 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: VD068054.D
 Acq: 12 Jan 2021 13:37

Tgt Ion: 85 Resp: 80119
 Ion Ratio Lower Upper
 85 100
 87 34.7 15.4 46.1





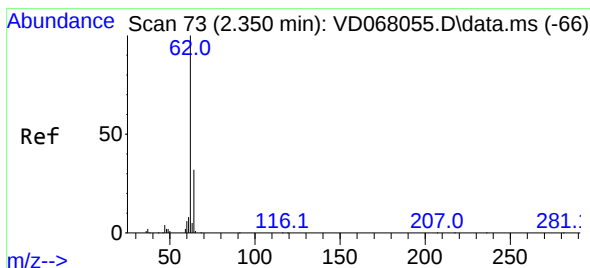
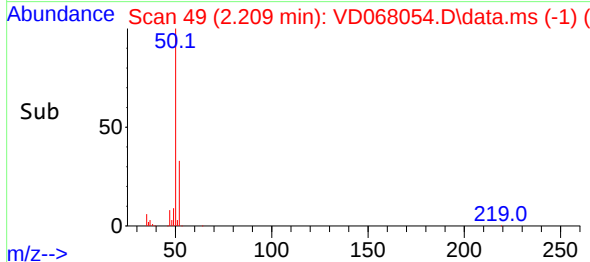
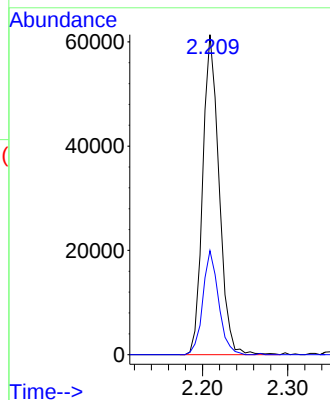
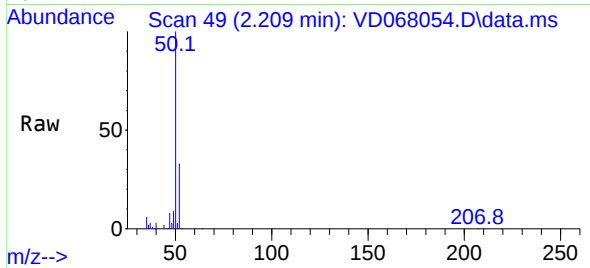
#3
Chloromethane
Concen: 12.09 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 50 Resp: 81616
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

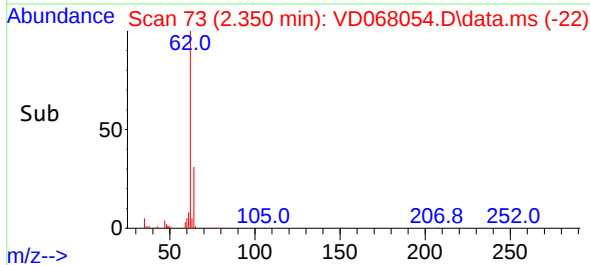
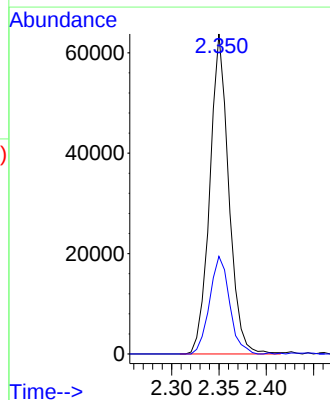
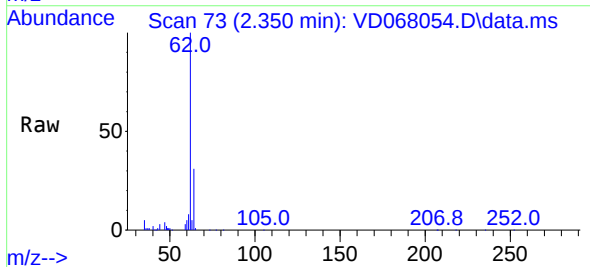
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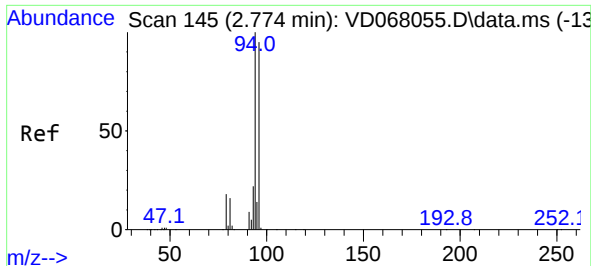
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#4
Vinyl Chloride
Concen: 13.87 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 62 Resp: 88825
Ion Ratio Lower Upper
62 100
64 30.5 25.4 38.2





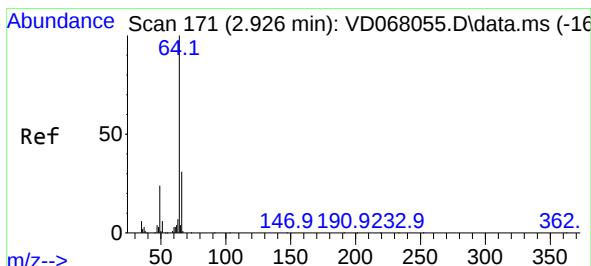
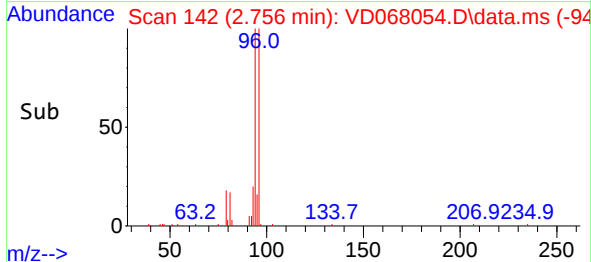
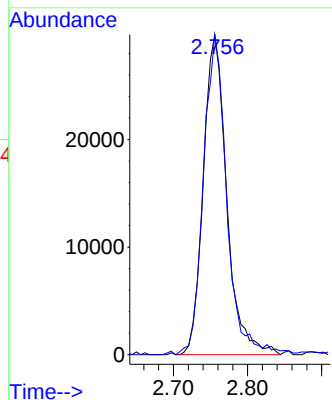
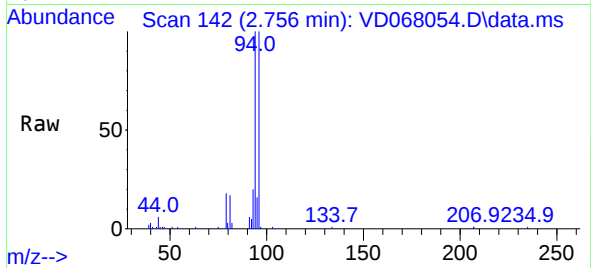
#5
Bromomethane
Concen: 13.98 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.018 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 94 Resp: 65208
Ion Ratio Lower Upper
94 100
96 99.0 75.8 113.8

Instrument :
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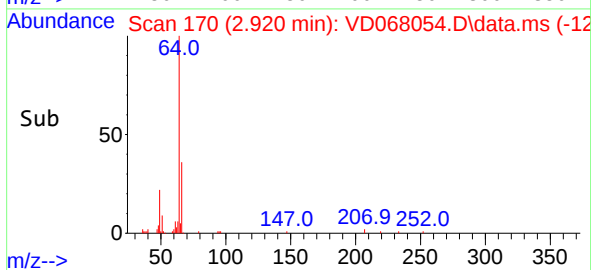
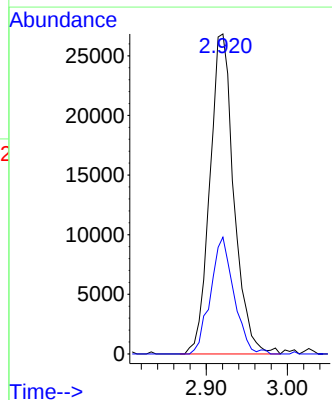
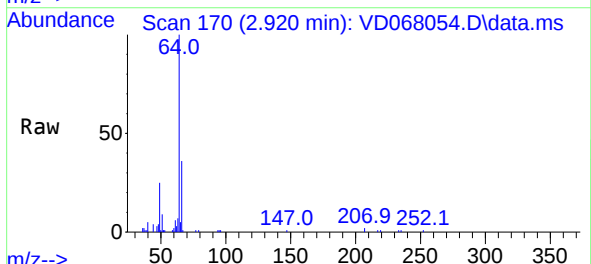
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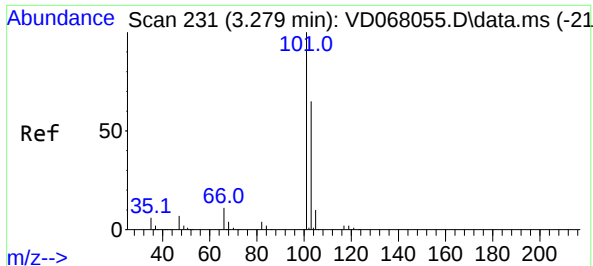
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#6
Chloroethane
Concen: 14.02 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 64 Resp: 55277
Ion Ratio Lower Upper
64 100
66 36.5 25.1 37.7





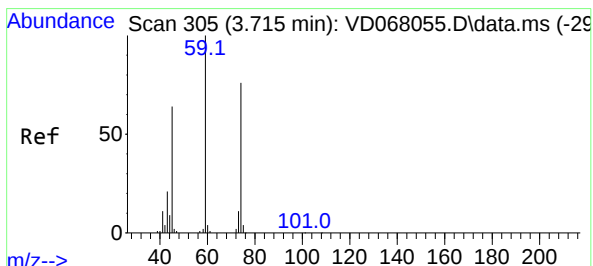
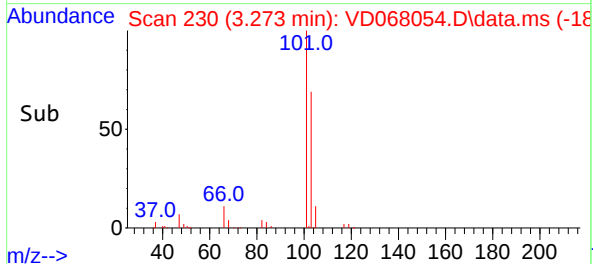
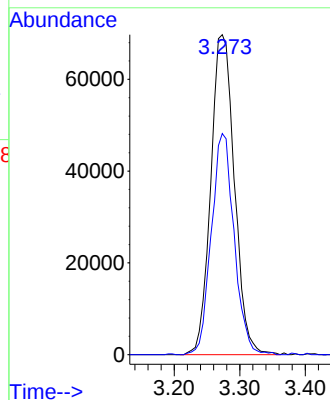
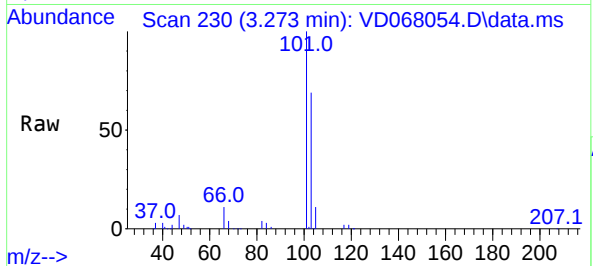
#7
Trichlorofluoromethane
Concen: 17.85 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion:101 Resp: 174580
Ion Ratio Lower Upper
101 100
103 69.1 52.0 78.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

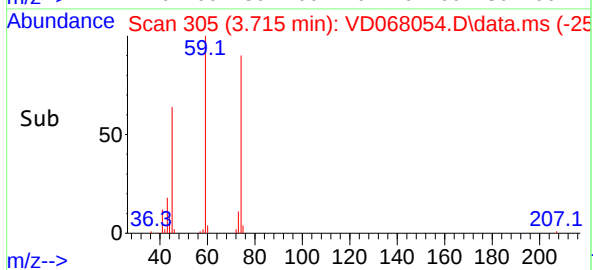
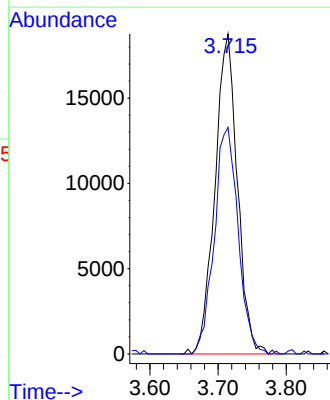
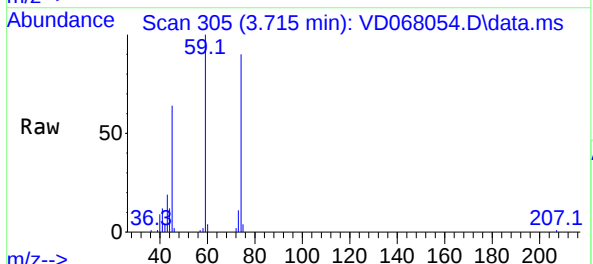
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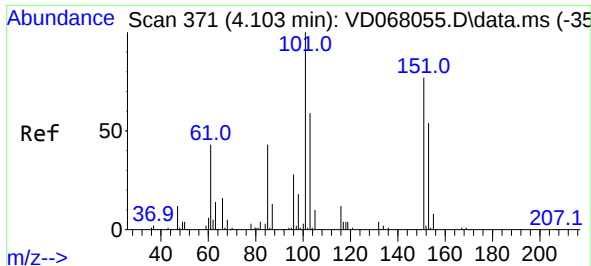
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#8
Diethyl Ether
Concen: 15.87 ug/l
RT: 3.715 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 74 Resp: 43015
Ion Ratio Lower Upper
74 100
45 75.2 42.1 126.4





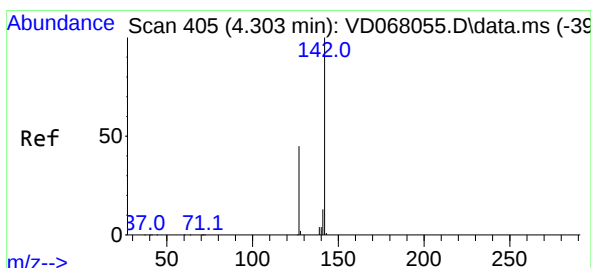
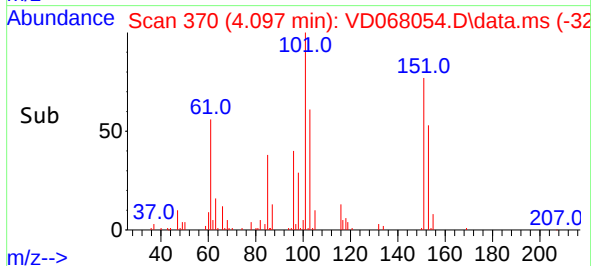
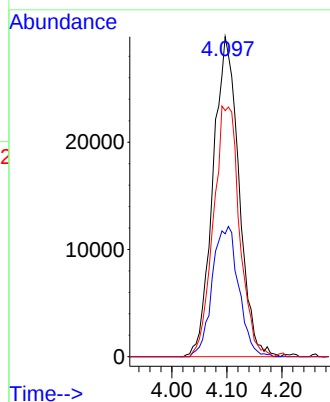
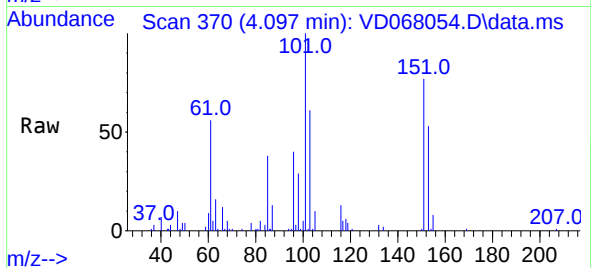
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.96 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

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Tgt Ion:	101	Resp:	97667
Ion	Ratio	Lower	Upper
101	100		
85	41.5	34.0	51.0
151	79.1	64.1	96.1

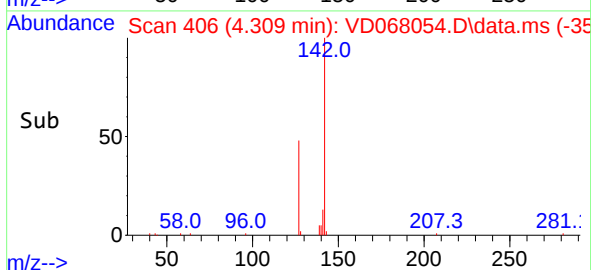
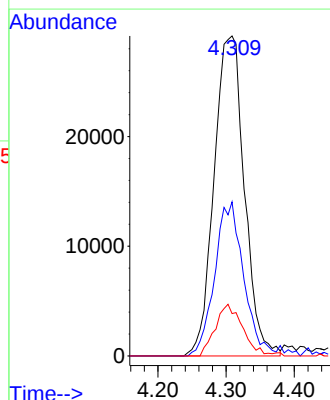
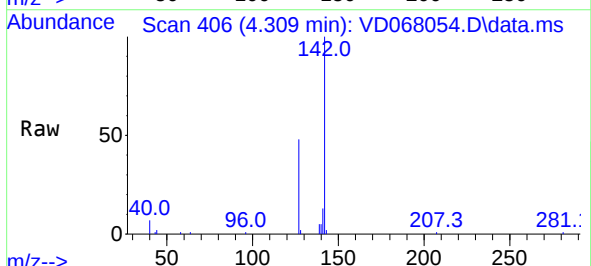
Manual Integrations
APPROVED

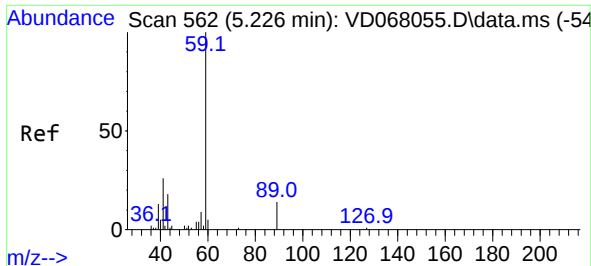
MMDadoda
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#10
Methyl Iodide
Concen: 17.81 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion:	142	Resp:	90264
Ion	Ratio	Lower	Upper
142	100		
127	45.8	37.9	56.9
141	14.5	11.5	17.3





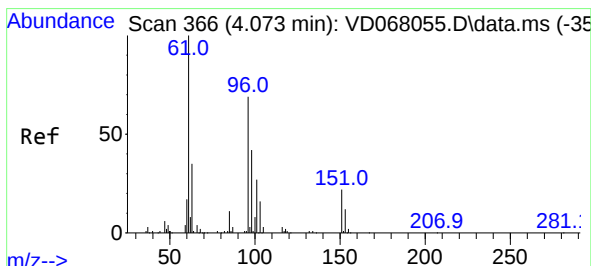
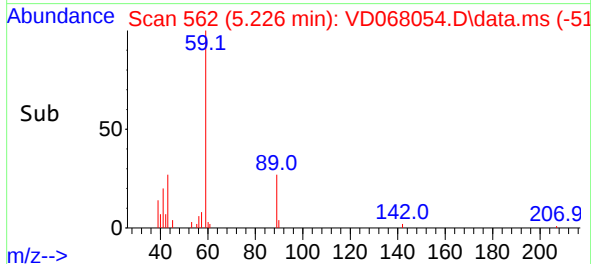
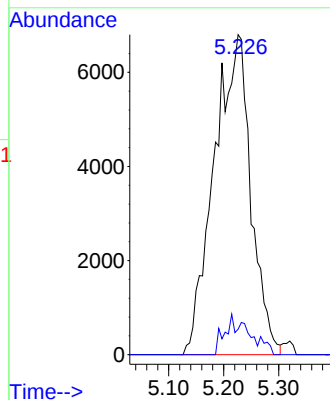
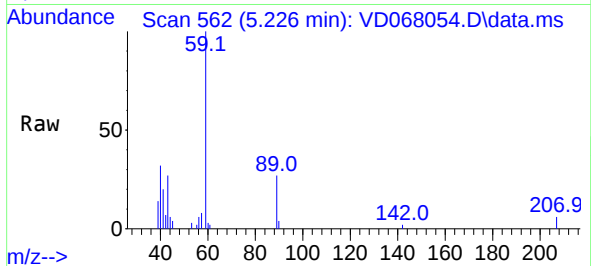
#11
Tert butyl alcohol
Concen: 67.64 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 59 Resp: 31557
Ion Ratio Lower Upper
59 100
57 4.1 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

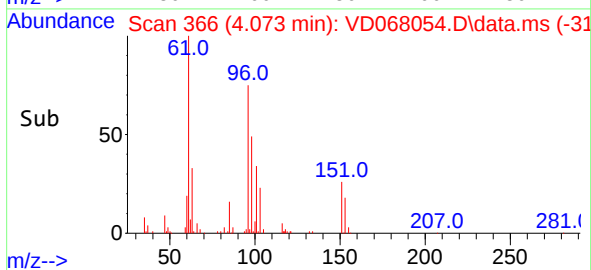
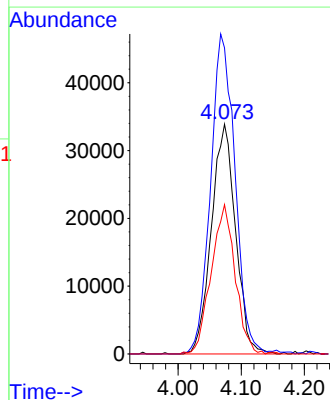
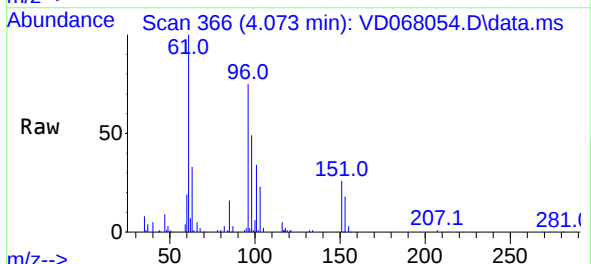
Manual Integrations
APPROVED

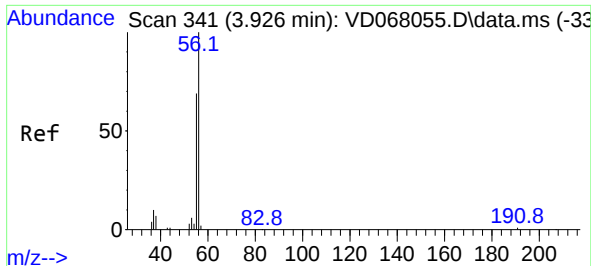
MMDadoda
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#12
1,1-Dichloroethene
Concen: 16.43 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 96 Resp: 90100
Ion Ratio Lower Upper
96 100
61 133.2 116.2 174.4
98 65.0 48.6 73.0





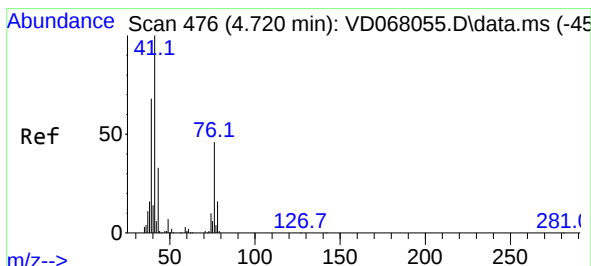
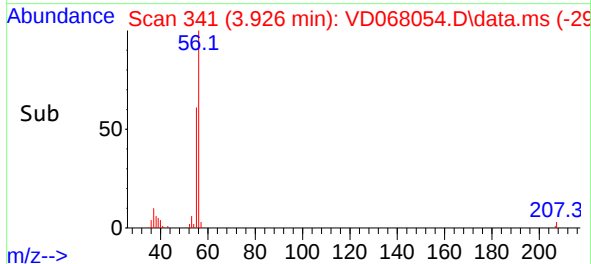
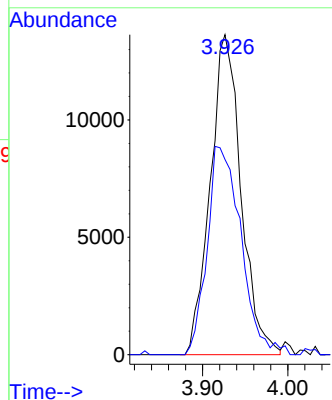
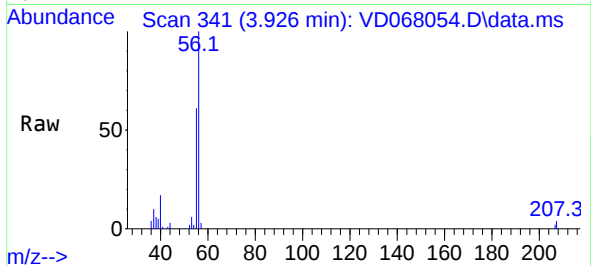
#13
Acrolein
Concen: 88.33 ug/l
RT: 3.926 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 56 Resp: 34288
Ion Ratio Lower Upper
56 100
55 71.3 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

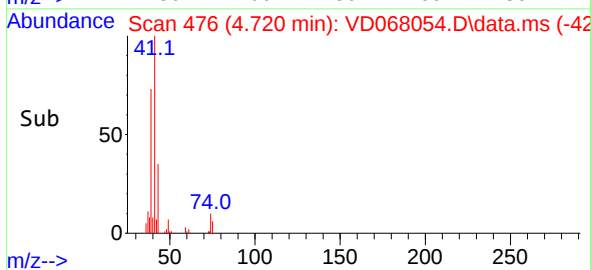
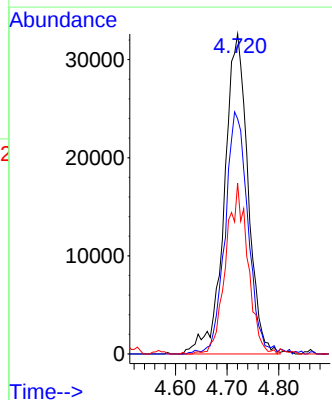
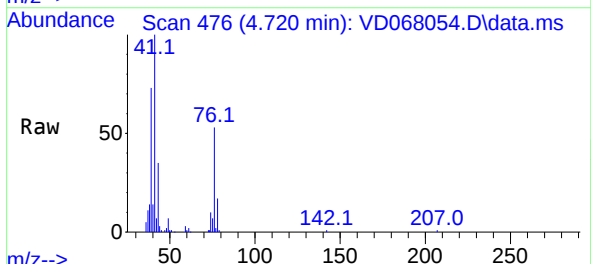
Manual Integrations
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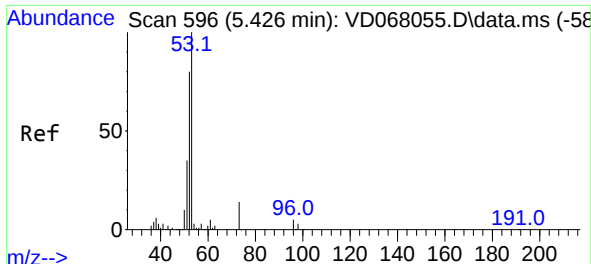
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#14
Allyl chloride
Concen: 11.17 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

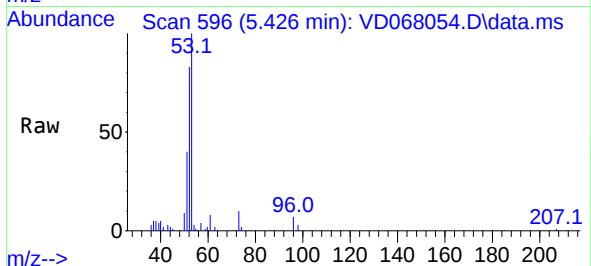
Tgt Ion: 41 Resp: 103538
Ion Ratio Lower Upper
41 100
39 74.0 56.3 84.5
76 49.1 38.9 58.3





#15
Acrylonitrile
Concen: 64.39 ug/l
RT: 5.426 min Scan# 596
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

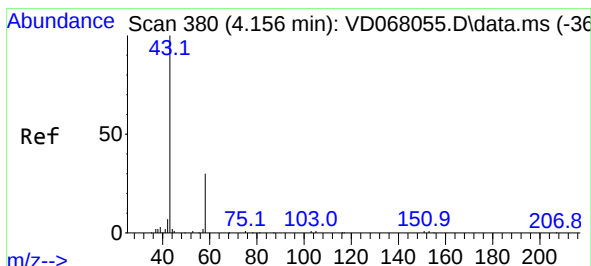
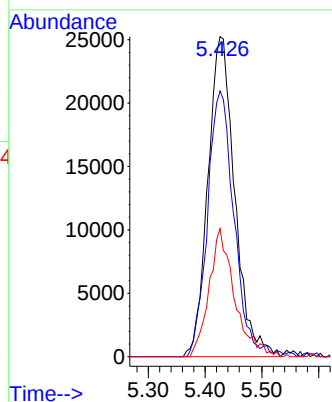
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



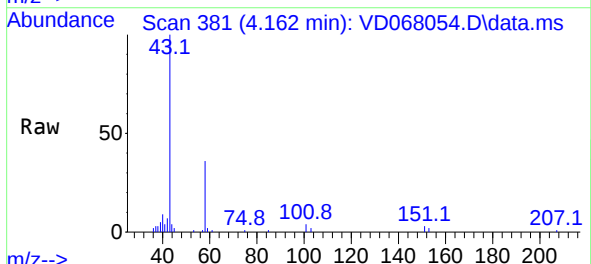
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.2	99.2
51	38.0	29.0	43.4

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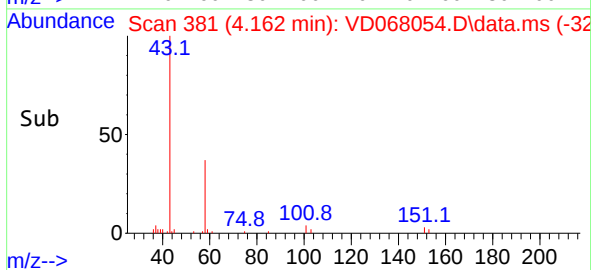
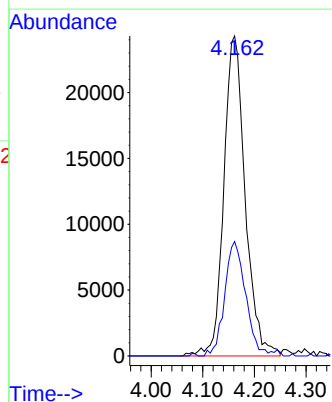
MMDadoda
1/13/2021 4:37:53 PM

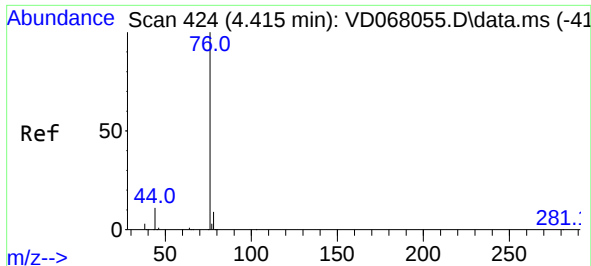


#16
Acetone
Concen: 68.06 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



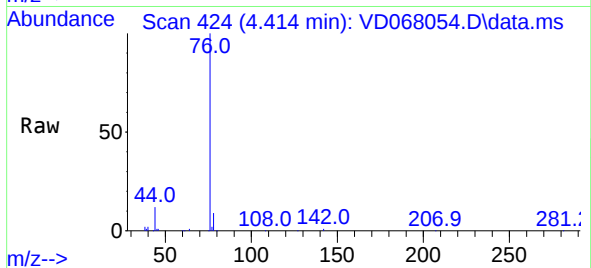
Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.7	24.2	36.4





#17
Carbon Disulfide
Concen: 14.57 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

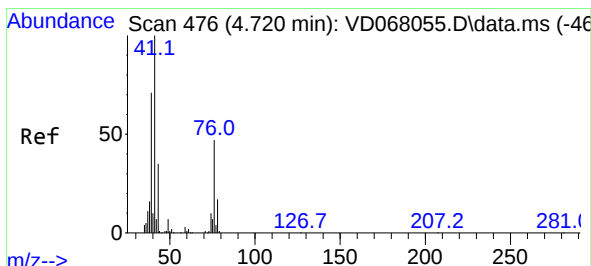
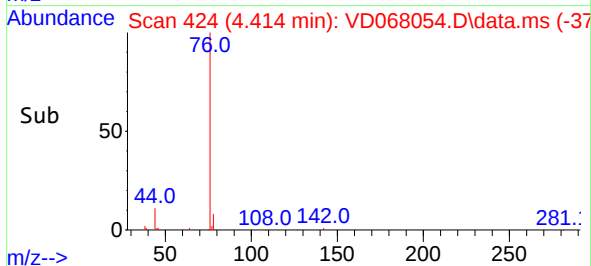
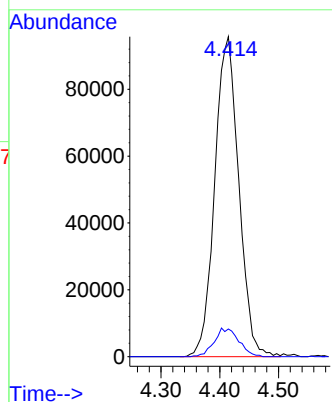
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



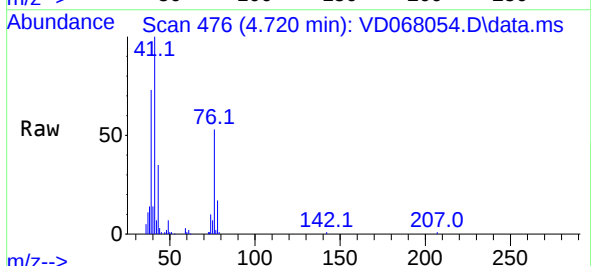
Tgt Ion: 76 Resp: 271745
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

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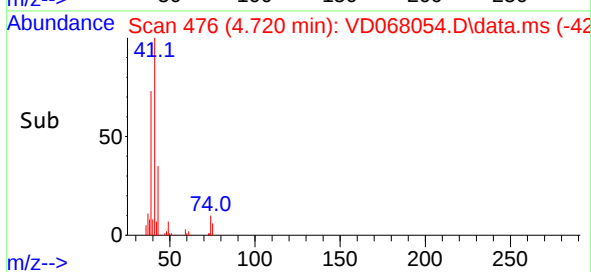
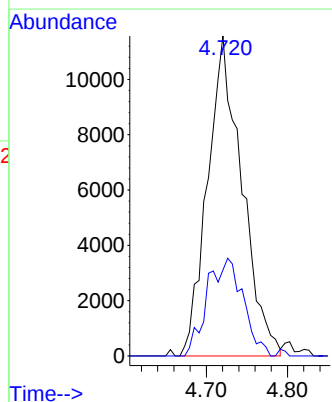
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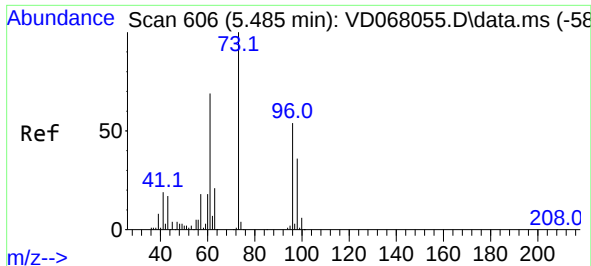


#18
Methyl Acetate
Concen: 11.53 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

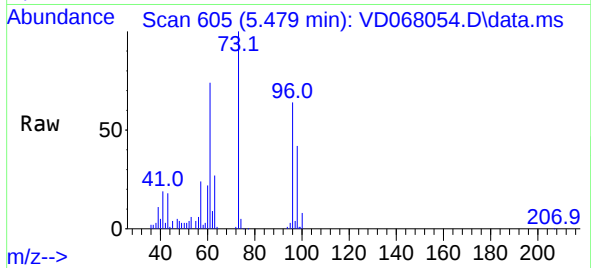


Tgt Ion: 43 Resp: 33967
Ion Ratio Lower Upper
43 100
74 31.9 25.4 38.0

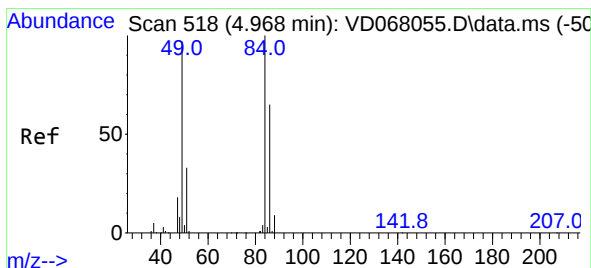
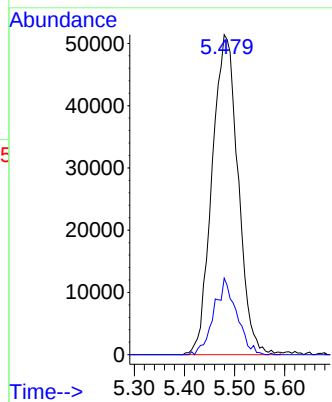
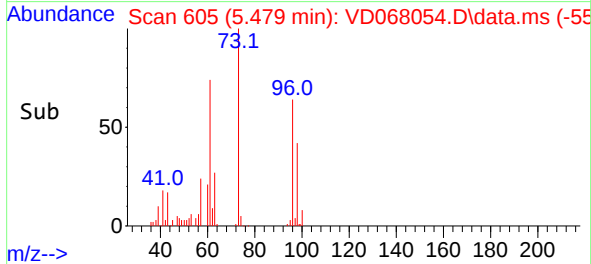




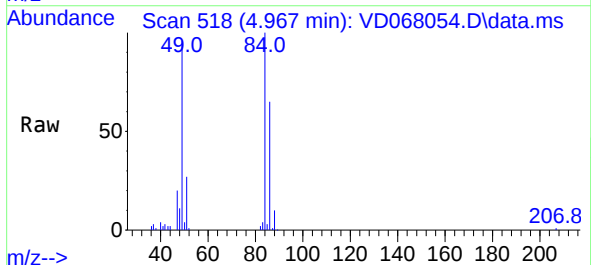
#19
Methyl tert-butyl Ether
Concen: 16.21 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



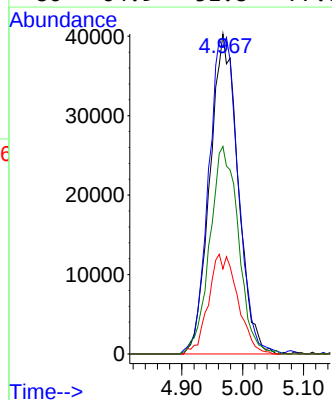
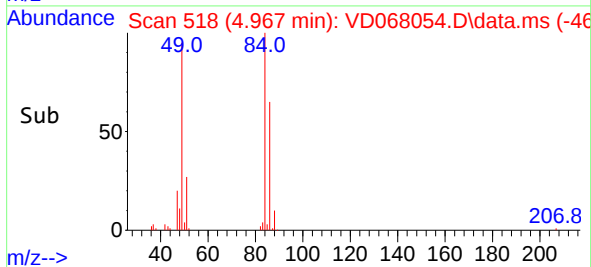
Tgt Ion: 73 Resp: 185419
Ion Ratio Lower Upper
73 100
57 23.9 14.4 21.6#



#20
Methylene Chloride
Concen: 15.25 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



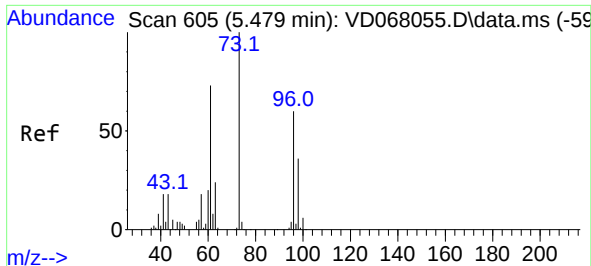
Tgt Ion: 84 Resp: 129479
Ion Ratio Lower Upper
84 100
49 95.9 77.4 116.2
51 26.6 26.1 39.1
86 64.9 51.8 77.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
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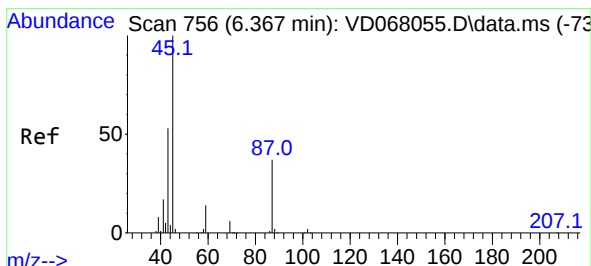
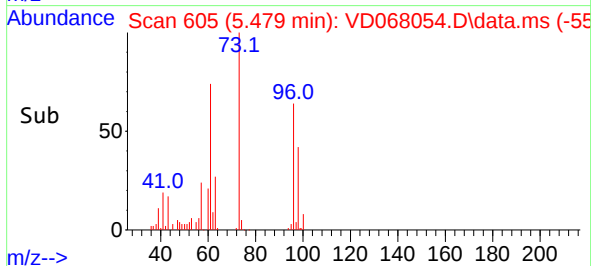
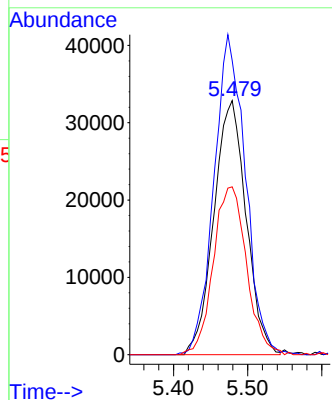
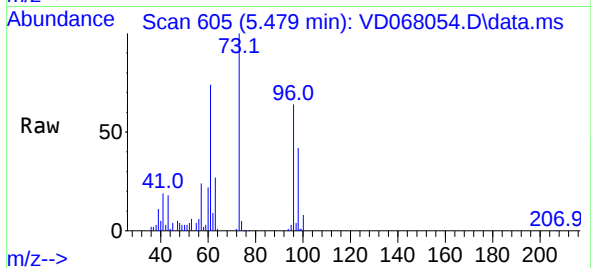
#21
trans-1,2-Dichloroethene
Concen: 15.33 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 96 Resp: 99390
Ion Ratio Lower Upper
96 100
61 115.0 96.7 145.1
98 66.1 47.6 71.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

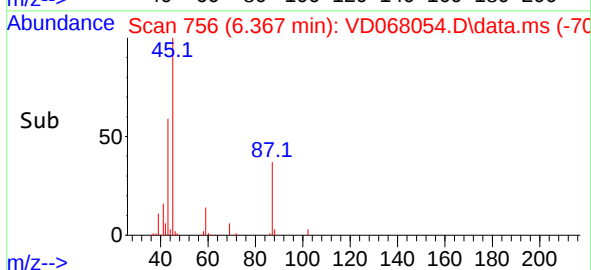
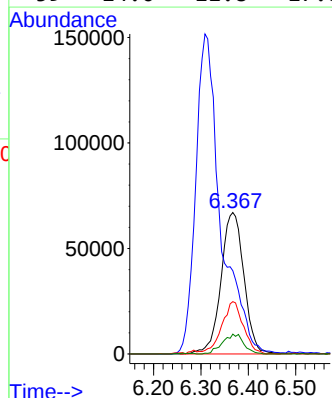
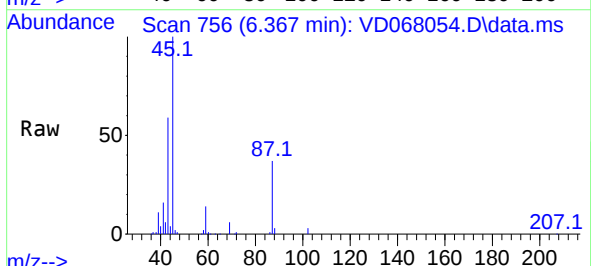
Manual Integrations
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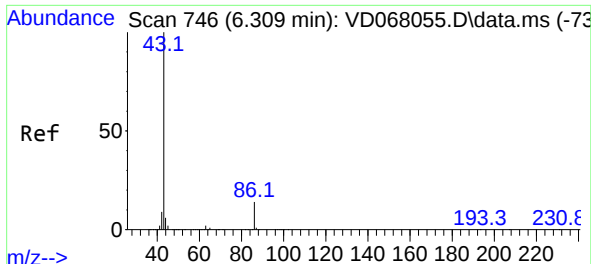
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#22
Diisopropyl ether
Concen: 12.09 ug/l
RT: 6.367 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

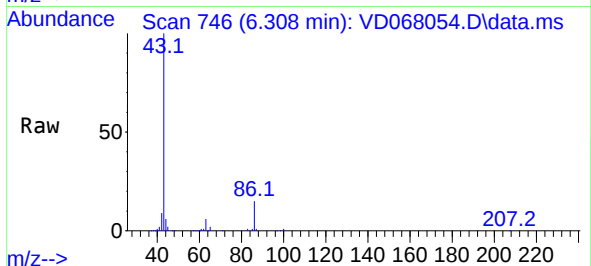
Tgt Ion: 45 Resp: 225381
Ion Ratio Lower Upper
45 100
43 57.9 43.9 65.9
87 37.0 29.9 44.9
59 14.0 11.8 17.8





#23
 Vinyl Acetate
 Concen: 58.74 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD068054.D
 Acq: 12 Jan 2021 13:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

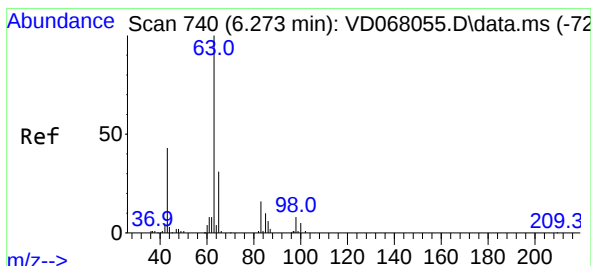
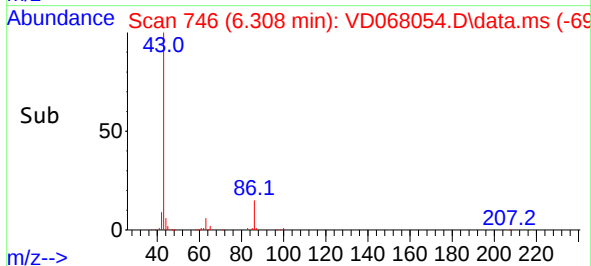
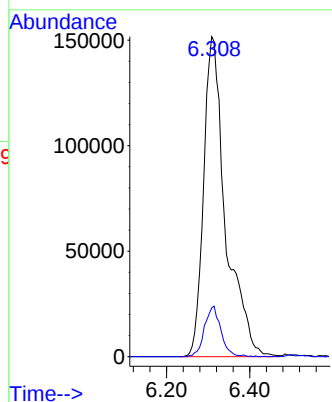


Tgt Ion: 43 Resp: 558044

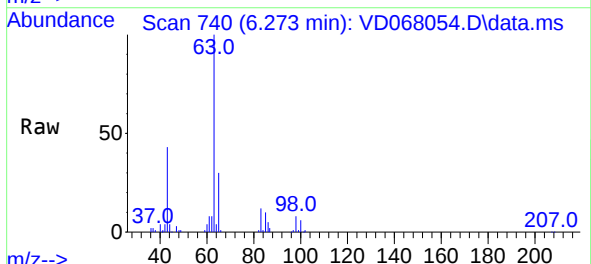
Ion	Ratio	Lower	Upper
43	100		
86	15.2	10.8	16.2

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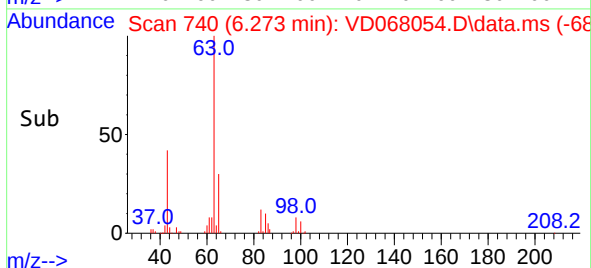
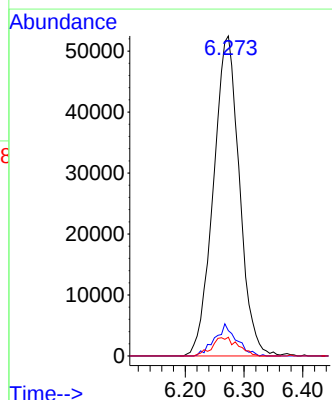


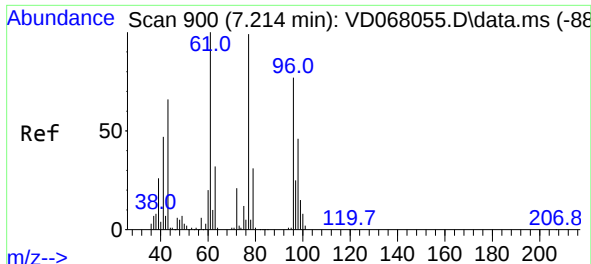
#24
 1,1-Dichloroethane
 Concen: 13.89 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. -0.000 min
 Lab File: VD068054.D
 Acq: 12 Jan 2021 13:37



Tgt Ion: 63 Resp: 161047

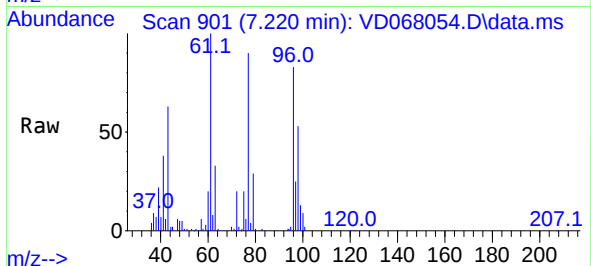
Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.8	11.4
100	5.8	2.6	8.0





#25
2-Butanone
Concen: 58.99 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

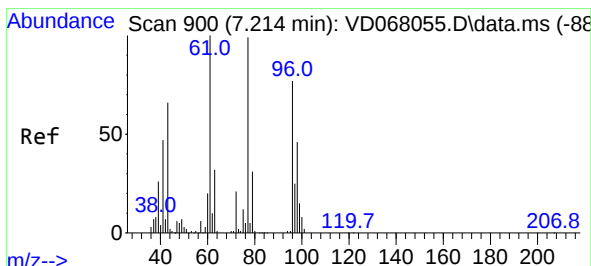
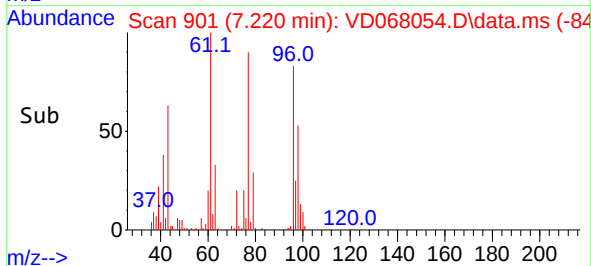
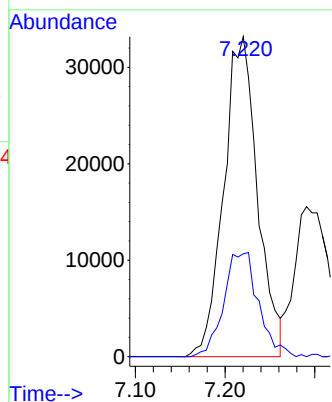
Instrument :
MSVOA_D
ClientSampled :
VSTDIC020



Tgt Ion: 43 Resp: 86753
Ion Ratio Lower Upper
43 100
72 32.1 25.1 37.7

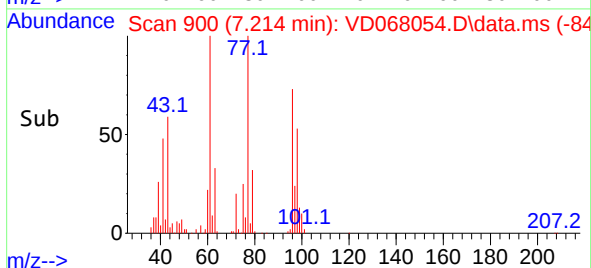
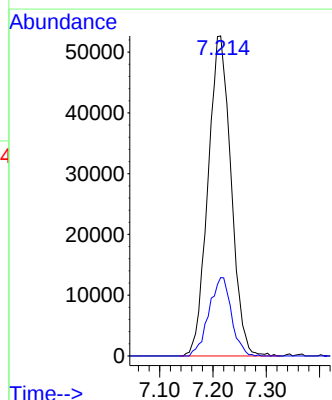
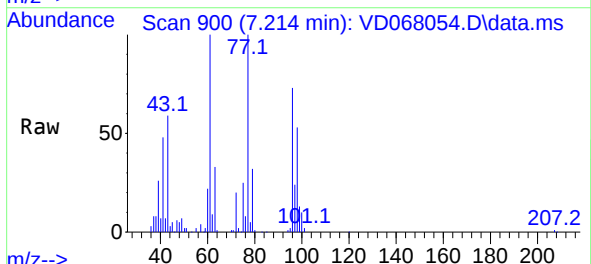
Manual Integrations
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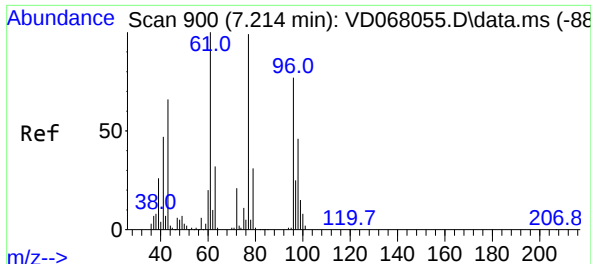
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1/13/2021 4:37:53 PM



#26
2,2-Dichloropropane
Concen: 16.77 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

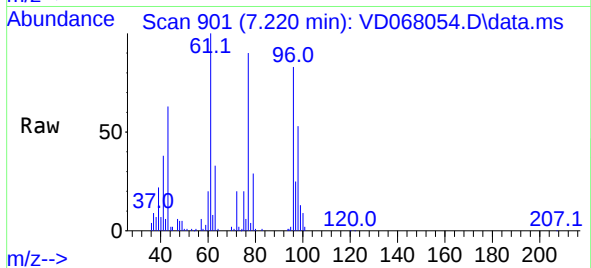
Tgt Ion: 77 Resp: 158193
Ion Ratio Lower Upper
77 100
97 23.9 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 16.08 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

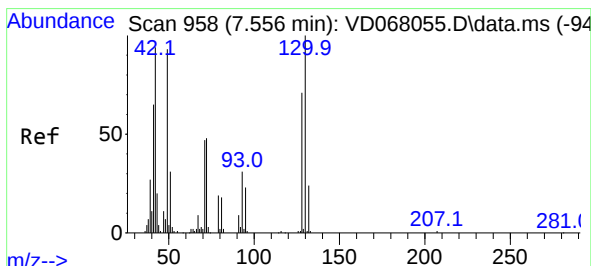
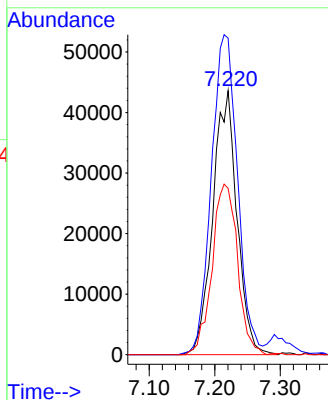
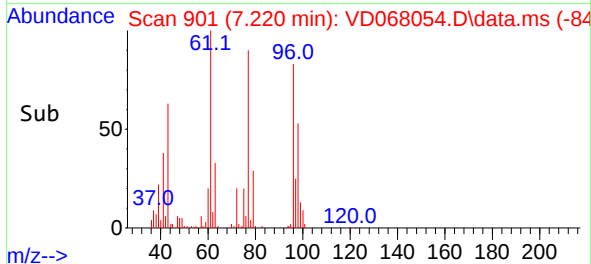
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



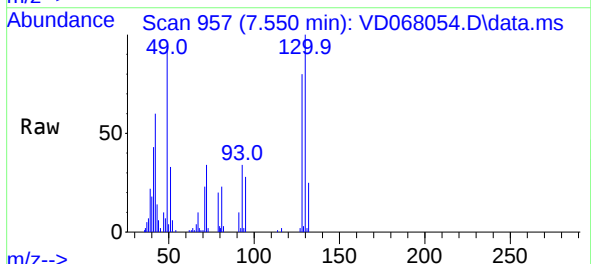
Tgt Ion: 96 Resp: 111863
Ion Ratio Lower Upper
96 100
61 131.0 0.0 257.4
98 67.7 0.0 126.6

Manual Integrations
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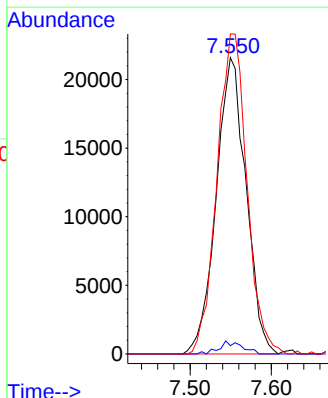
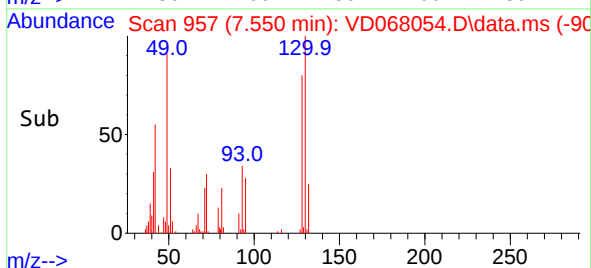
MMDadoda
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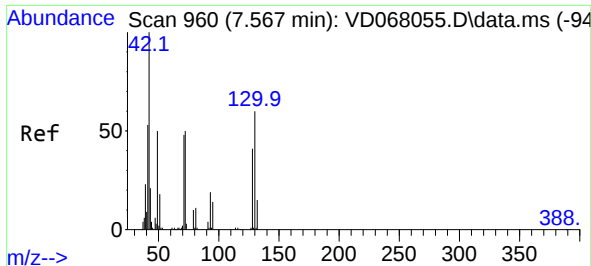


#28
Bromochloromethane
Concen: 12.99 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



Tgt Ion: 49 Resp: 55091
Ion Ratio Lower Upper
49 100
129 3.3 0.0 4.8
130 108.6 85.5 128.3





#29
Tetrahydrofuran
Concen: 56.91 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

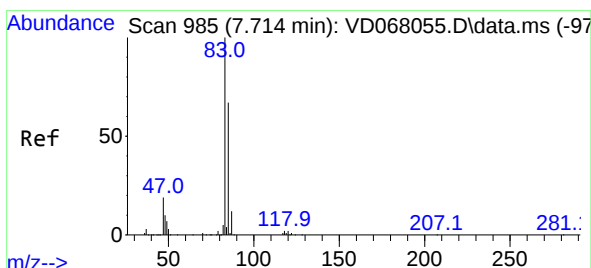
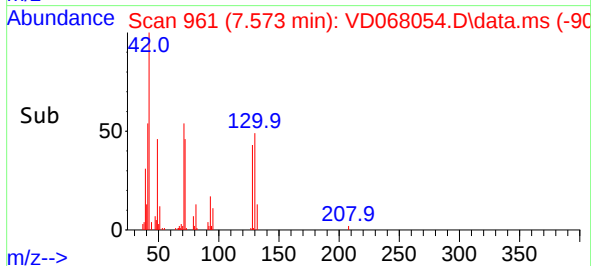
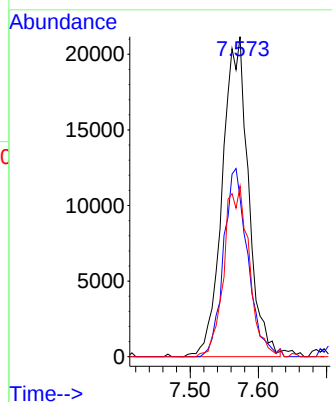
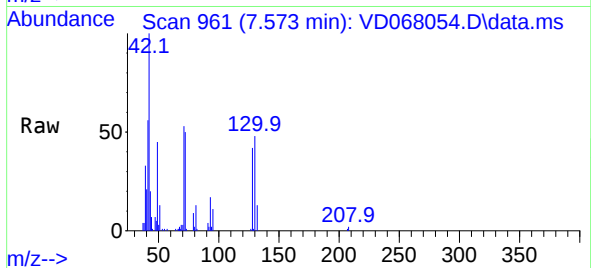
Tgt Ion: 42 Resp: 56223

Ion	Ratio	Lower	Upper
42	100		
72	54.7	43.4	65.0
71	51.8	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

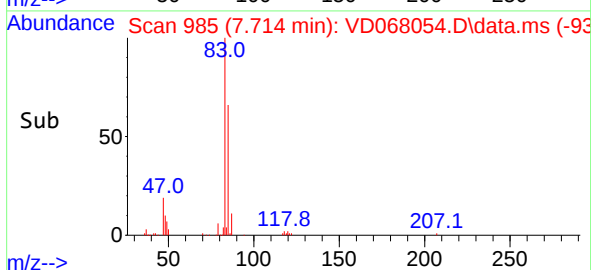
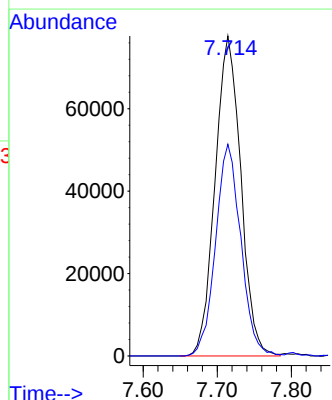
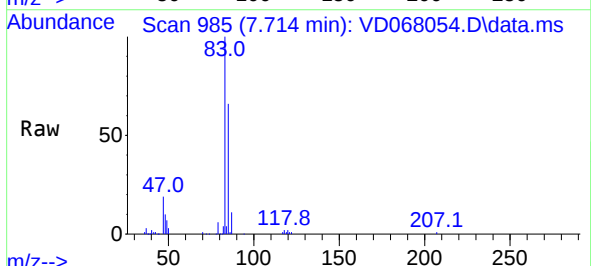
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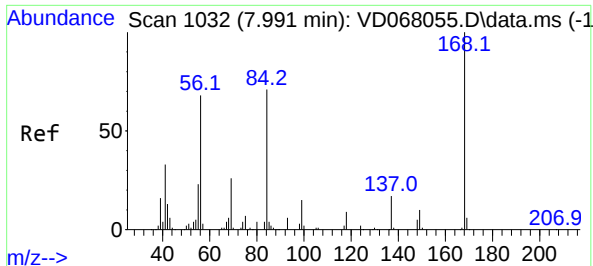


#30
Chloroform
Concen: 16.27 ug/l
RT: 7.714 min Scan# 985
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 83 Resp: 187563

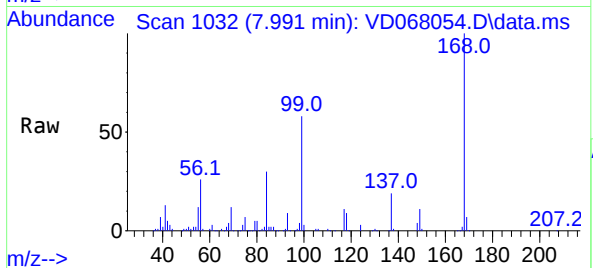
Ion	Ratio	Lower	Upper
83	100		
85	66.2	53.4	80.0





#31
Cyclohexane
Concen: 12.58 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

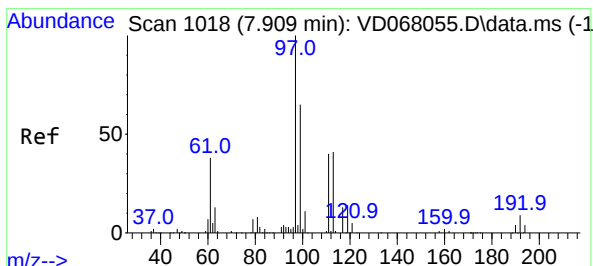
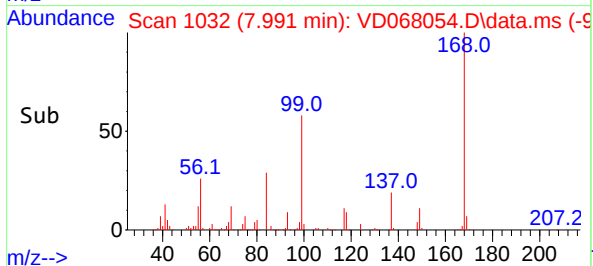
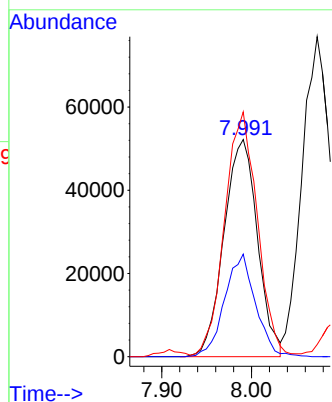
Instrument :
MSVOA_D
ClientSampled :
VSTDIC020



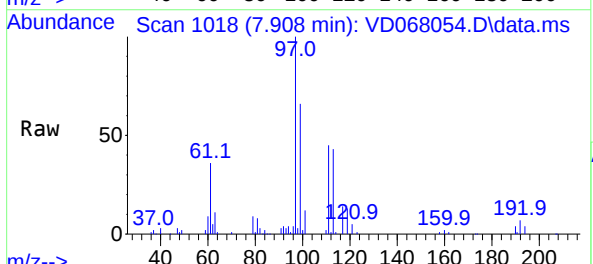
Tgt Ion: 56 Resp: 135571
Ion Ratio Lower Upper
56 100
69 47.3 30.1 45.1#
84 110.8 82.1 123.1

Manual Integrations
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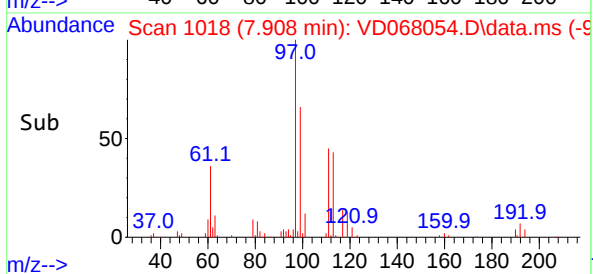
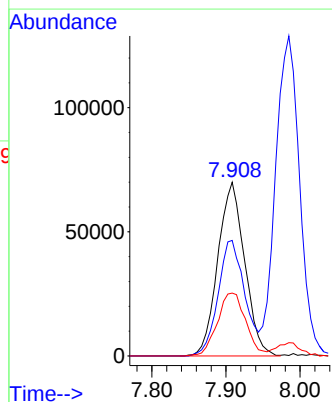
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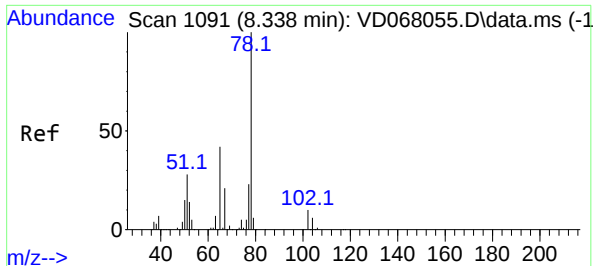


#32
1,1,1-Trichloroethane
Concen: 17.42 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



Tgt Ion: 97 Resp: 175905
Ion Ratio Lower Upper
97 100
99 66.3 52.1 78.1
61 38.4 30.1 45.1





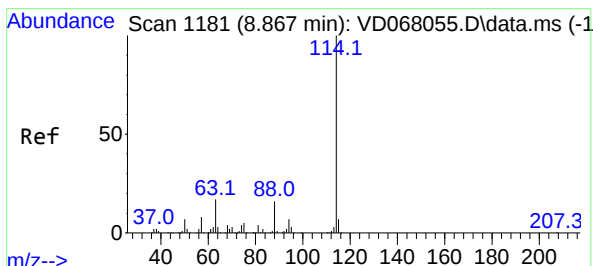
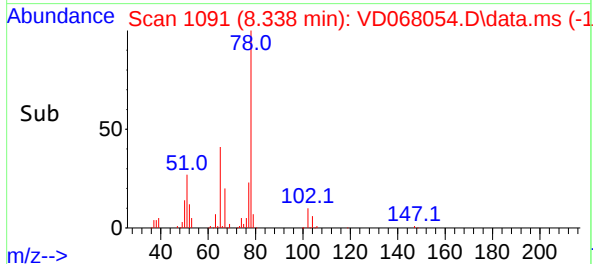
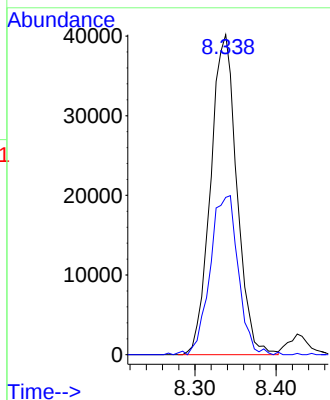
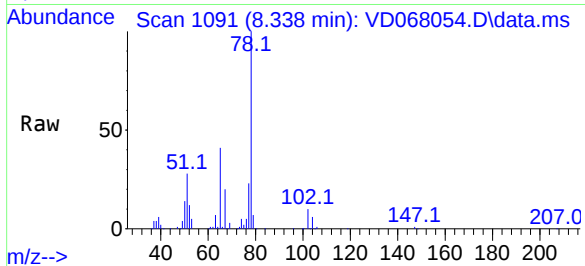
#33
1,2-Dichloroethane-d4
Concen: 16.72 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 65 Resp: 90207
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

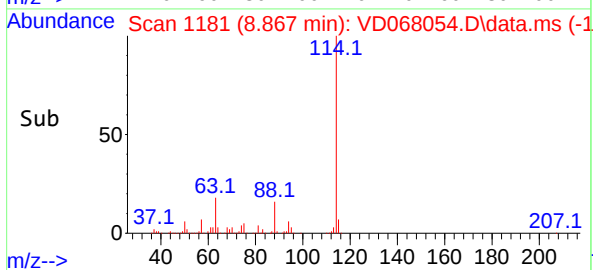
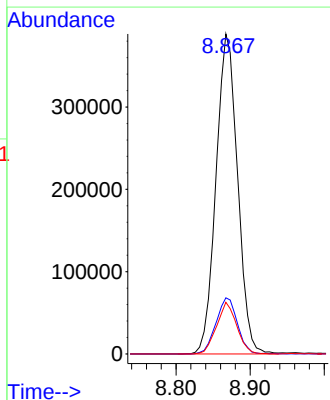
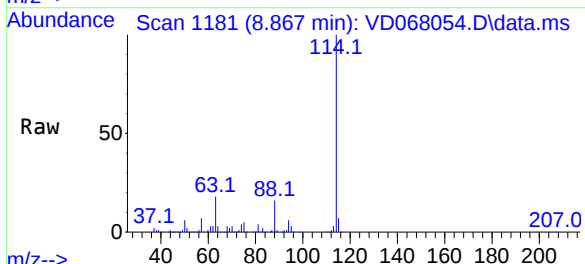
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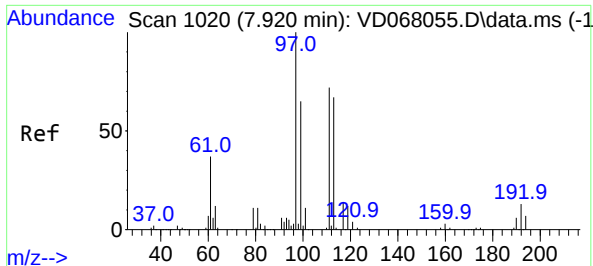
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 114 Resp: 785858
Ion Ratio Lower Upper
114 100
63 17.5 0.0 34.8
88 16.1 0.0 31.6





#35

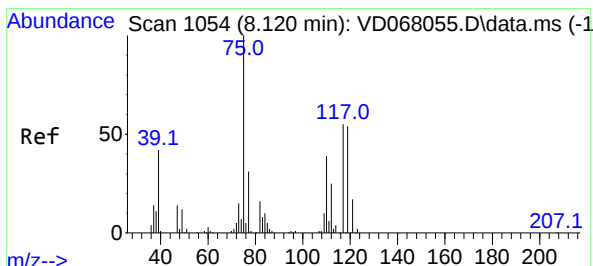
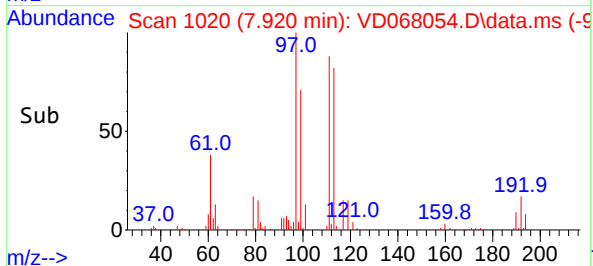
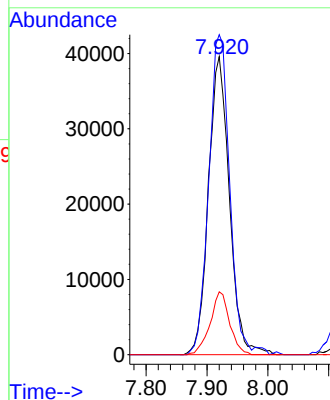
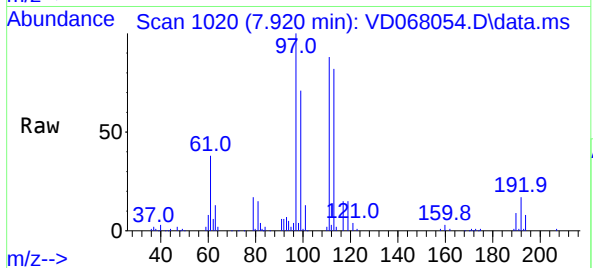
Dibromofluoromethane
Concen: 19.29 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion:113 Resp: 94673
Ion Ratio Lower Upper
113 100
111 106.1 81.4 122.0
192 19.6 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
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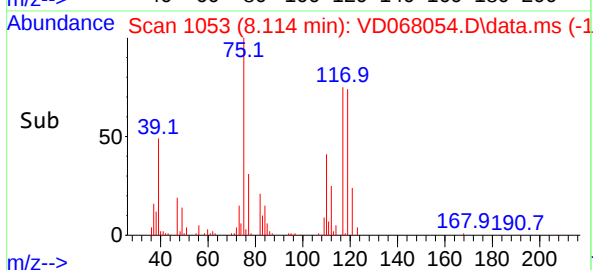
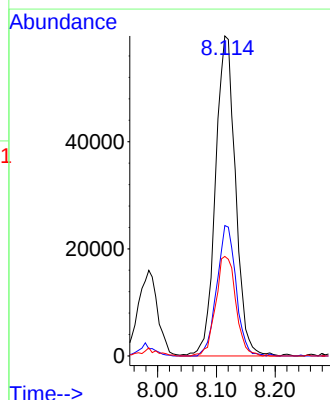
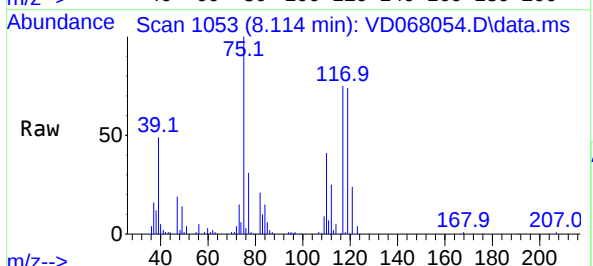
MMDadoda
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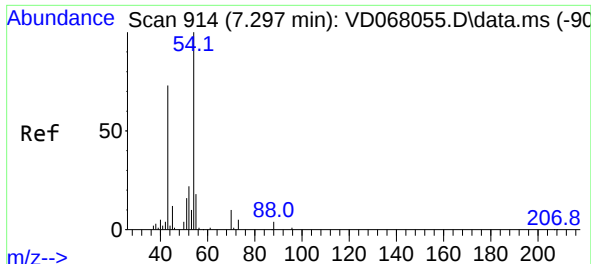


#36

1,1-Dichloropropene
Concen: 17.33 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

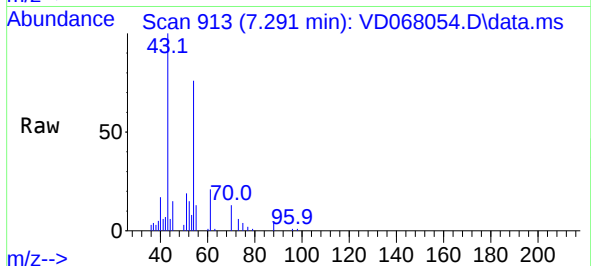
Tgt Ion: 75 Resp: 141328
Ion Ratio Lower Upper
75 100
110 39.1 19.4 58.2
77 31.3 25.3 37.9





#37
Ethyl Acetate
Concen: 13.41 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

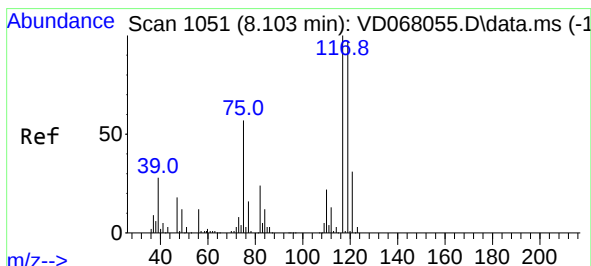
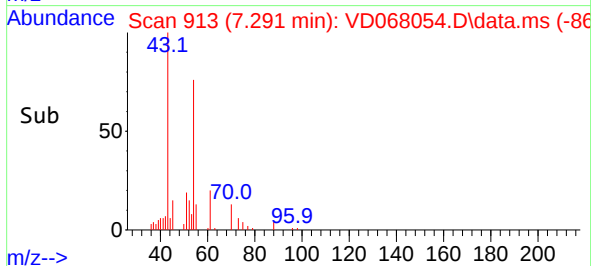
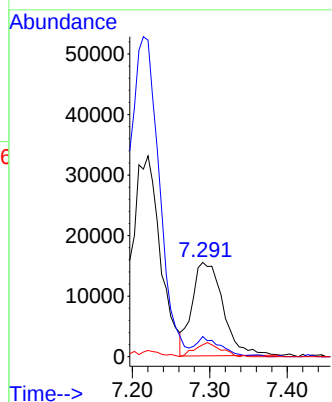
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 42835
Ion Ratio Lower Upper
43 100
61 14.6 12.9 19.3
70 12.4 11.0 16.6

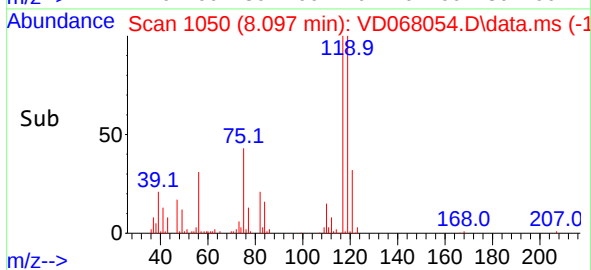
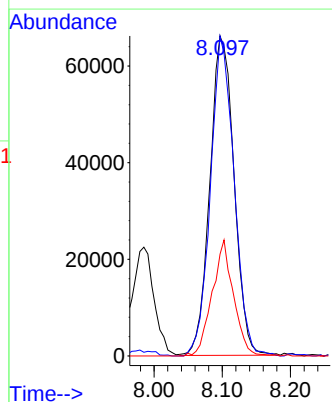
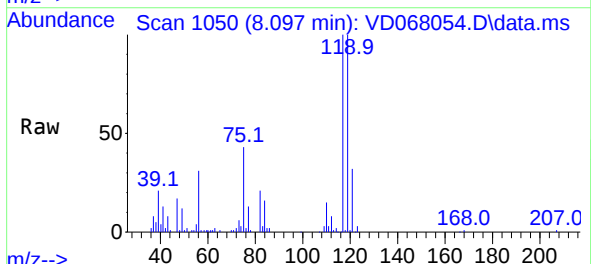
Manual Integrations
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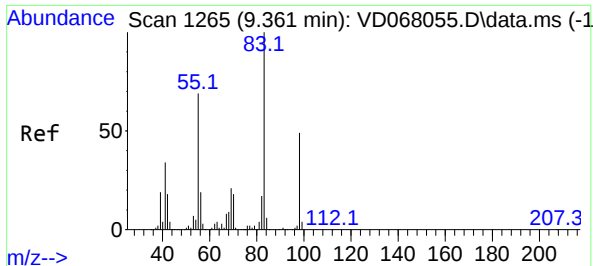
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#38
Carbon Tetrachloride
Concen: 20.10 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 117 Resp: 163479
Ion Ratio Lower Upper
117 100
119 100.1 77.3 115.9
121 31.9 24.7 37.1





#39

Methylcyclohexane

Concen: 17.30 ug/l

RT: 9.361 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD068054.D

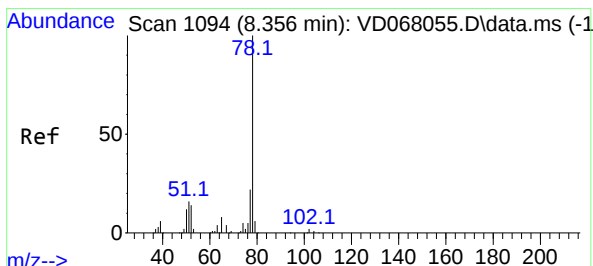
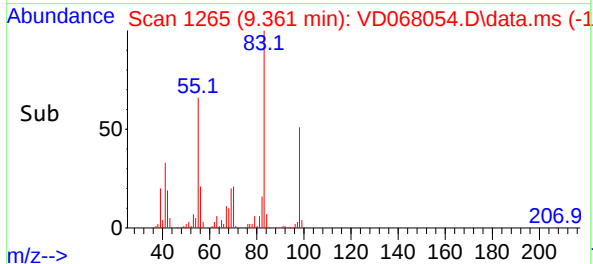
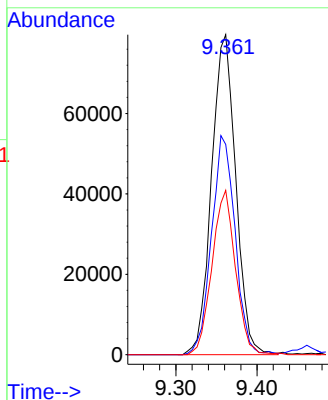
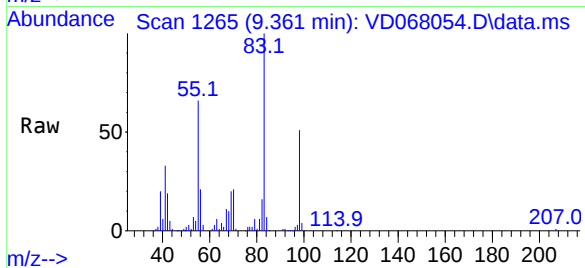
Acq: 12 Jan 2021 13:37

Tgt Ion:	83	Resp:	164826
Ion	Ratio	Lower	Upper
83	100		
55	65.7	55.2	82.8
98	51.3	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
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#40

Benzene

Concen: 16.89 ug/l

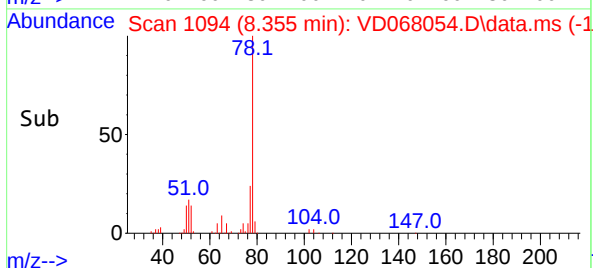
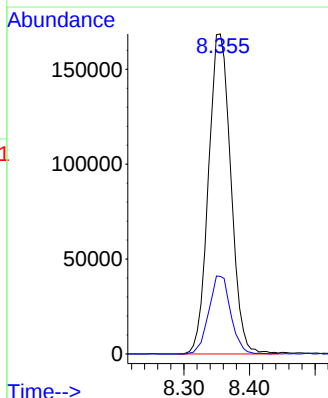
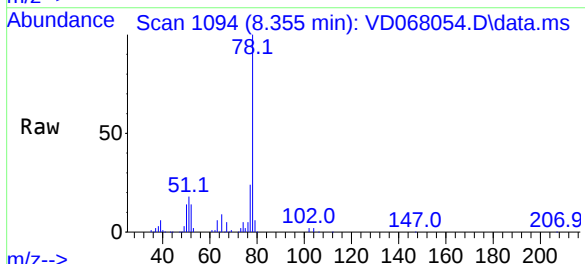
RT: 8.355 min Scan# 1094

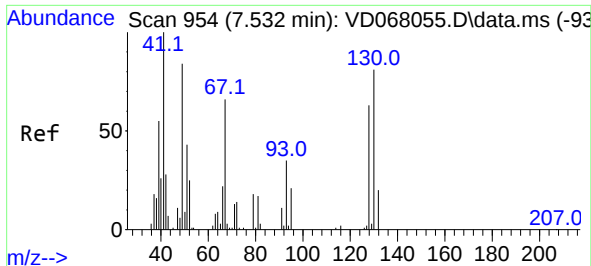
Delta R.T. -0.000 min

Lab File: VD068054.D

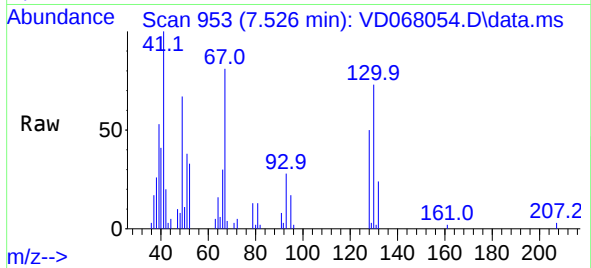
Acq: 12 Jan 2021 13:37

Tgt Ion:	78	Resp:	398647
Ion	Ratio	Lower	Upper
78	100		
77	24.3	17.8	26.6

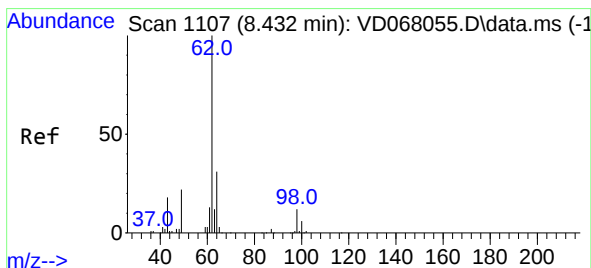
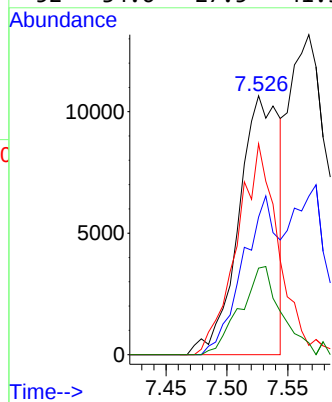
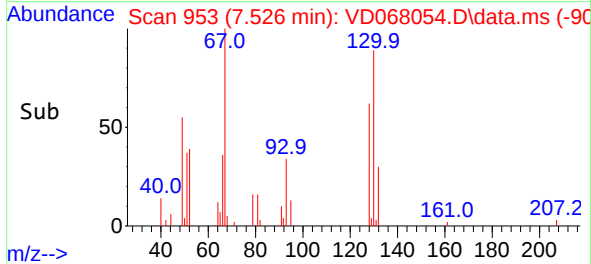




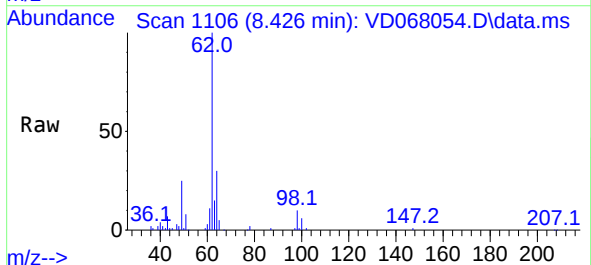
#41
Methacrylonitrile
Concen: 13.65 ug/l
RT: 7.526 min Scan# 953
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



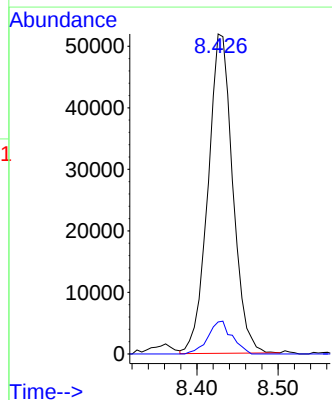
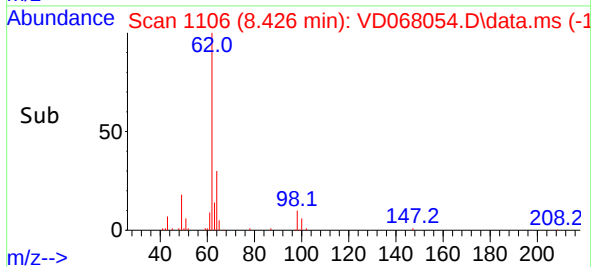
Tgt Ion: 41 Resp: 24817
Ion Ratio Lower Upper
41 100
39 53.1 45.2 67.8
67 84.2 67.4 101.2
52 34.6 27.5 41.3



#42
1,2-Dichloroethane
Concen: 17.05 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



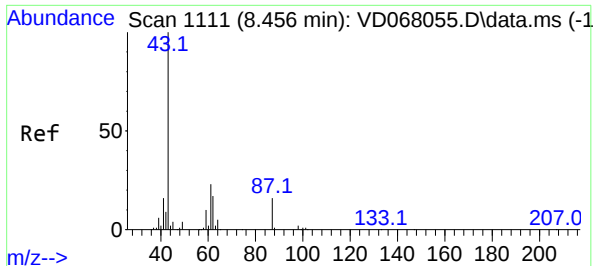
Tgt Ion: 62 Resp: 109915
Ion Ratio Lower Upper
62 100
98 10.0 0.0 21.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

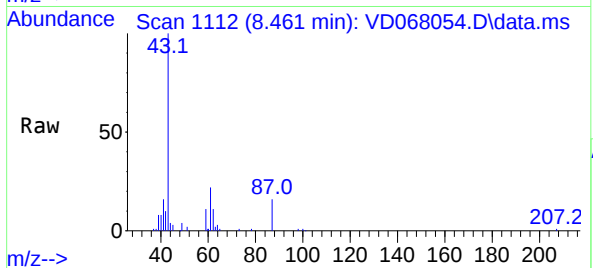
Manual Integrations
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#43
Isopropyl Acetate
Concen: 13.60 ug/l
RT: 8.461 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

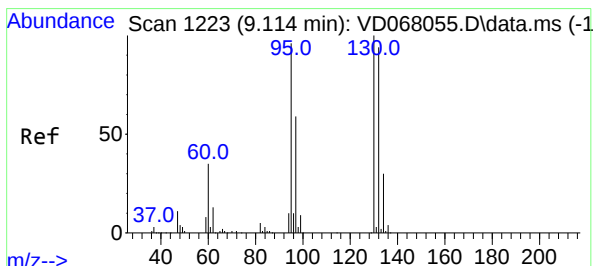
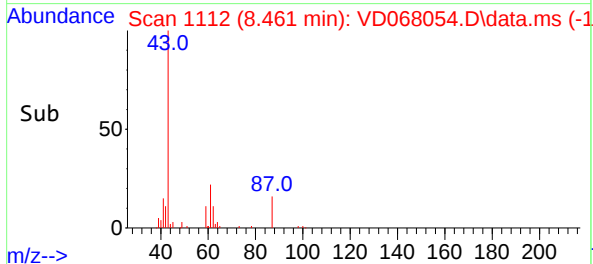
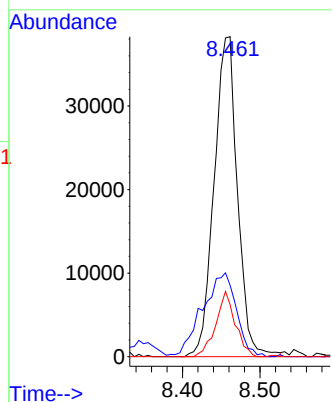
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 80291
Ion Ratio Lower Upper
43 100
61 37.7 28.7 43.1
87 17.0 13.9 20.9

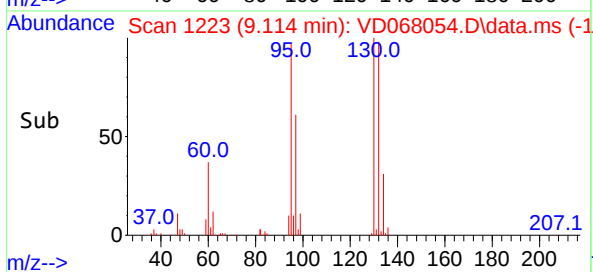
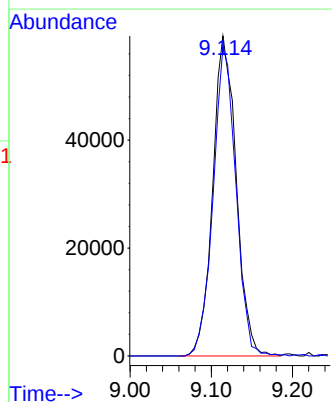
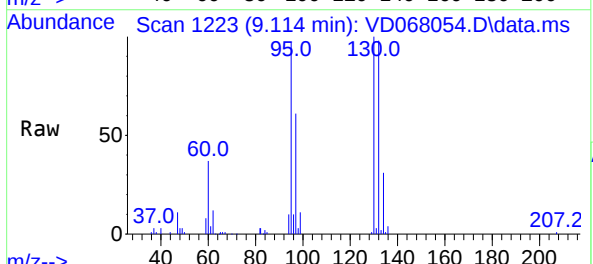
Manual Integrations
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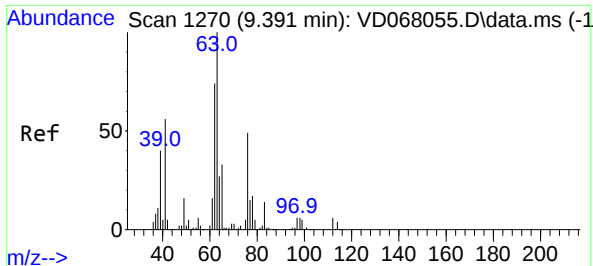
MMDadoda
1/13/2021 4:37:53 PM



#44
Trichloroethene
Concen: 19.52 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 130 Resp: 119156
Ion Ratio Lower Upper
130 100
95 96.6 0.0 191.2





#45

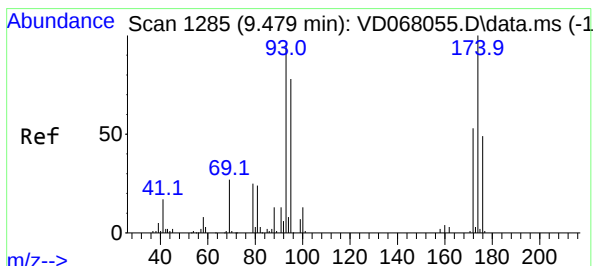
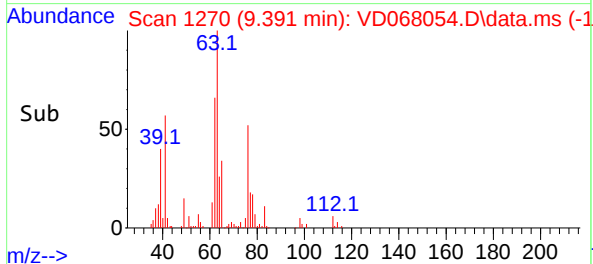
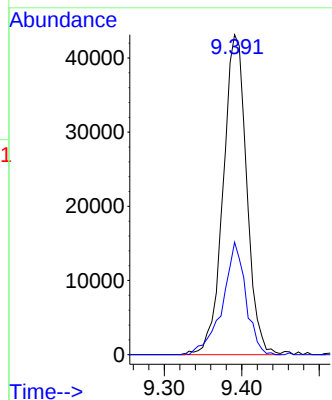
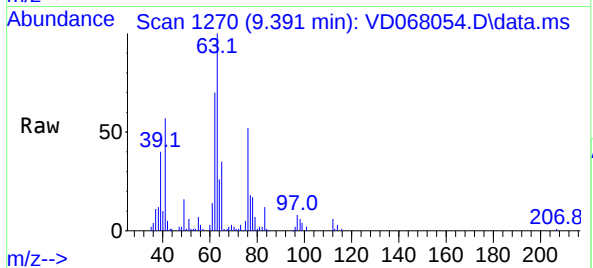
1,2-Dichloropropane
Concen: 15.31 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 63 Resp: 90897
Ion Ratio Lower Upper
63 100
65 35.1 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

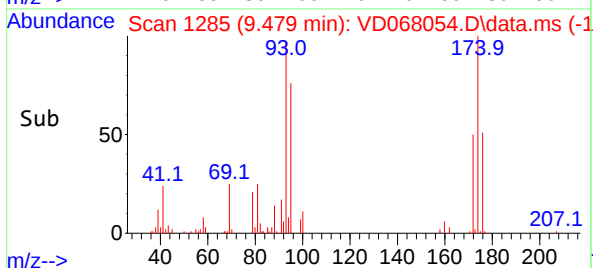
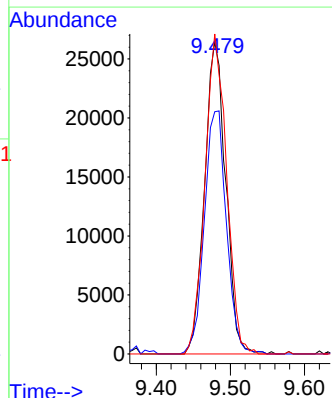
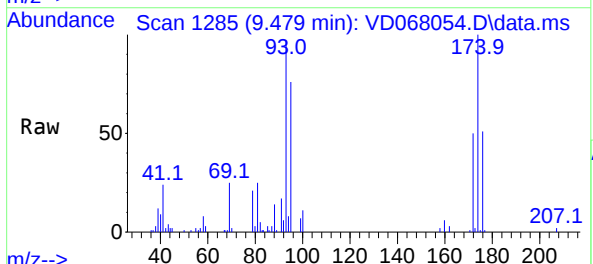
MMDadoda
1/13/2021 4:37:53 PM

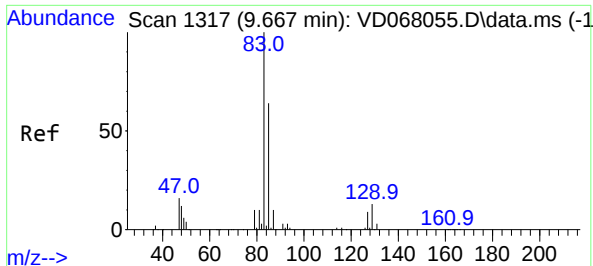


#46

Dibromomethane
Concen: 17.65 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 93 Resp: 52525
Ion Ratio Lower Upper
93 100
95 81.4 67.3 100.9
174 104.7 84.6 127.0





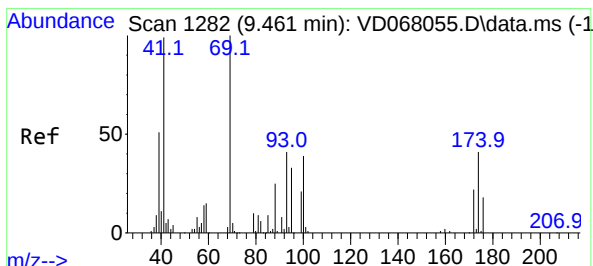
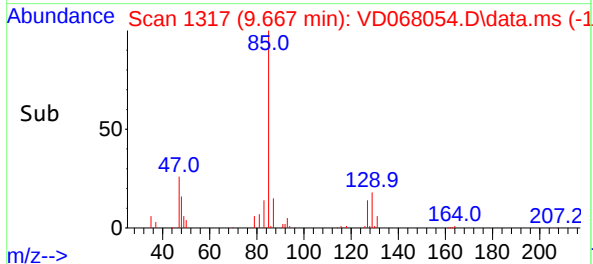
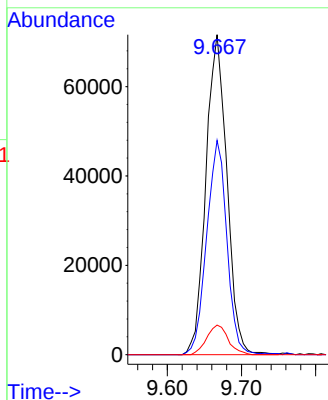
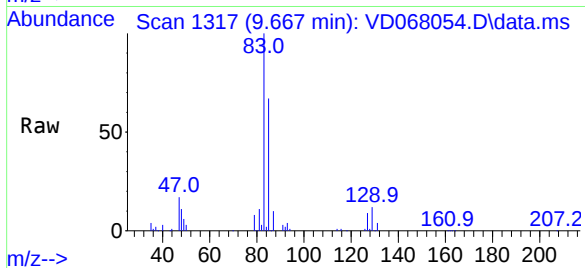
#47
Bromodichloromethane
Concen: 17.70 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion:	83	Resp:	141060
Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.6	77.4
127	9.2	7.4	11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

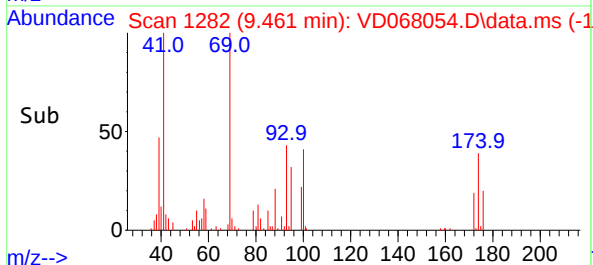
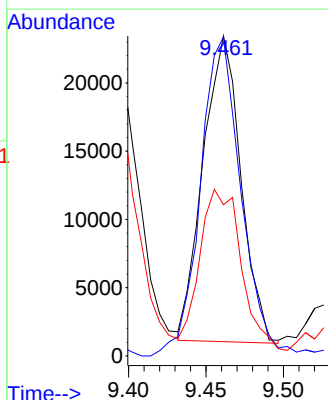
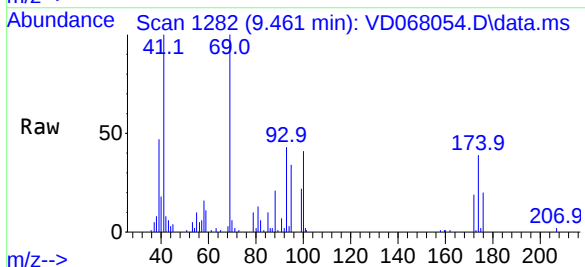
Manual Integrations
APPROVED

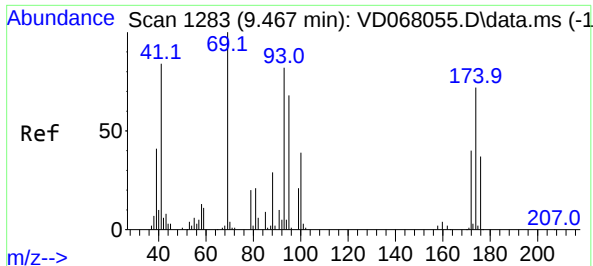
MMDadoda
1/13/2021 4:37:53 PM



#48
Methyl methacrylate
Concen: 12.40 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

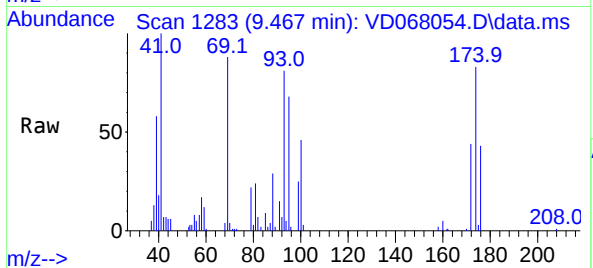
Tgt Ion:	41	Resp:	37956
Ion	Ratio	Lower	Upper
41	100		
69	114.1	77.1	115.7
39	60.3	41.5	62.3





#49
1,4-Dioxane
Concen: 344.49 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

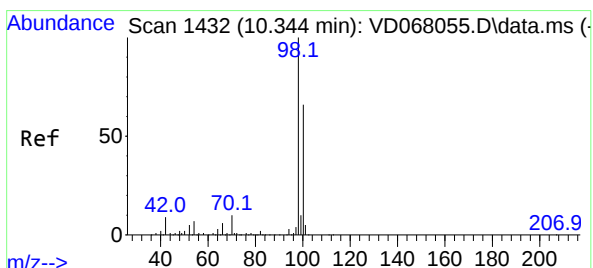
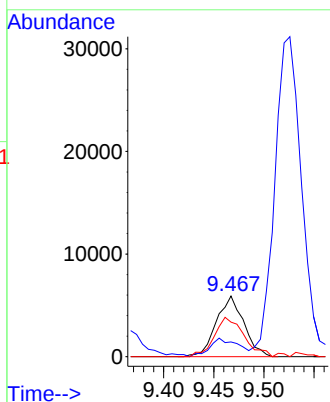
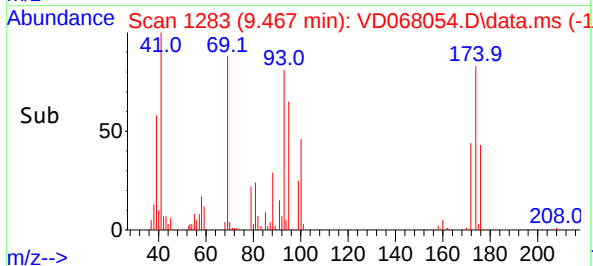
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



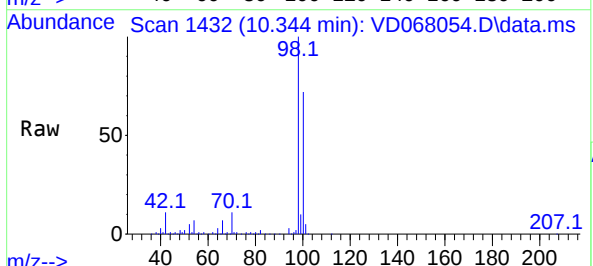
Tgt Ion: 88 Resp: 11244
Ion Ratio Lower Upper
88 100
43 31.4 22.1 33.1
58 71.8 46.7 70.1#

Manual Integrations
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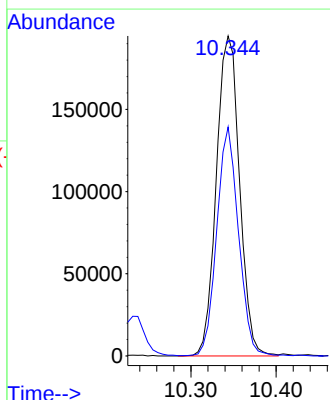
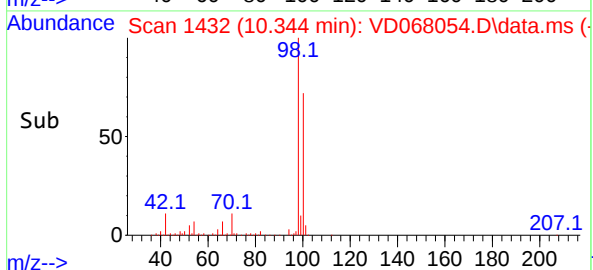
MMDadoda
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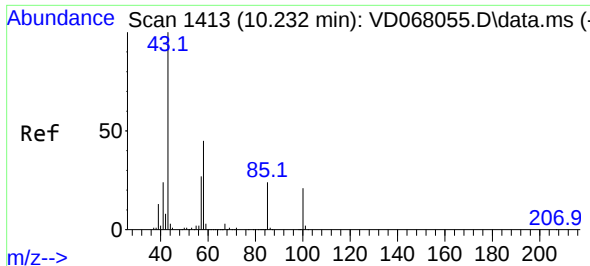


#50
Toluene-d8
Concen: 20.03 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



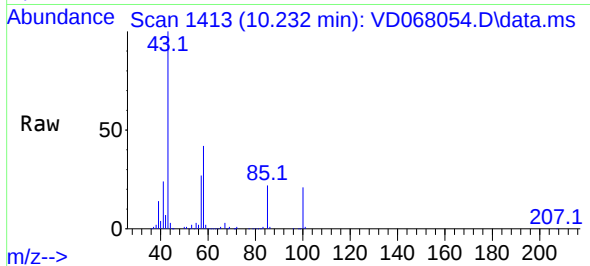
Tgt Ion: 98 Resp: 367803
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 67.09 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

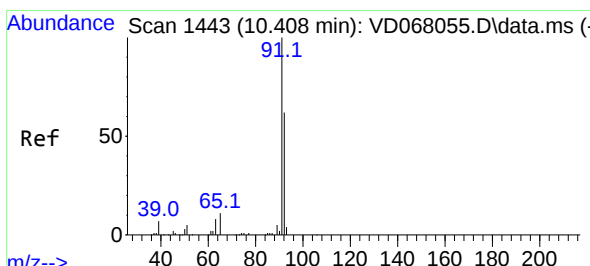
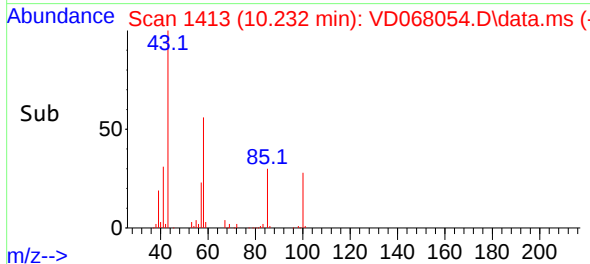
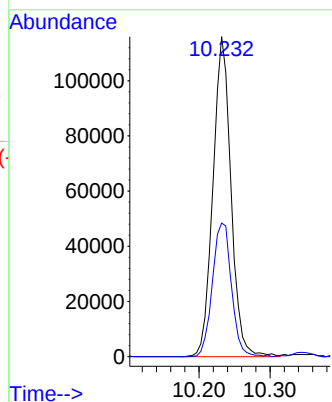
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 204467
Ion Ratio Lower Upper
43 100
58 44.2 36.1 54.1

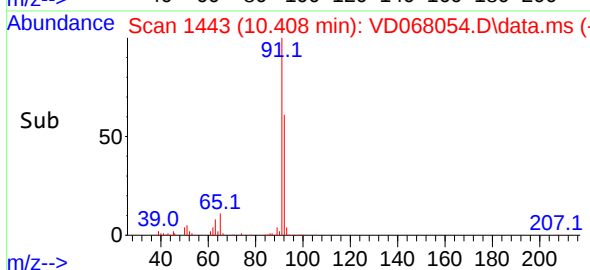
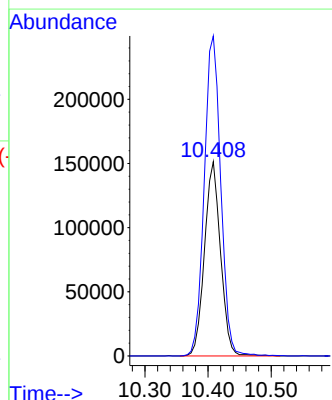
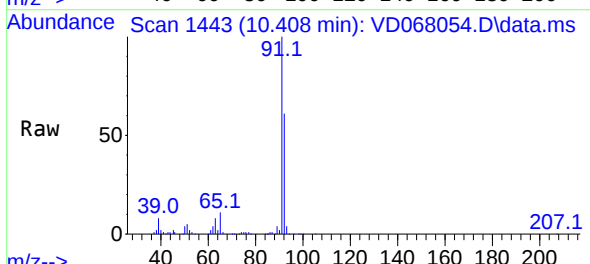
Manual Integrations
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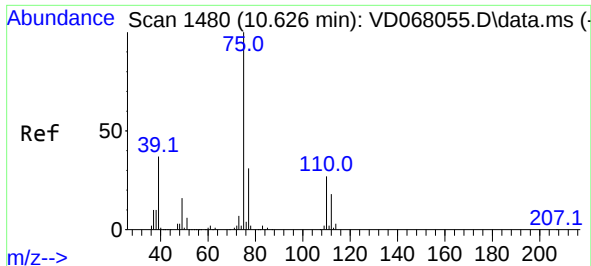
MMDadoda
1/13/2021 4:37:53 PM



#52
Toluene
Concen: 18.11 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 92 Resp: 267188
Ion Ratio Lower Upper
92 100
91 169.8 134.1 201.1



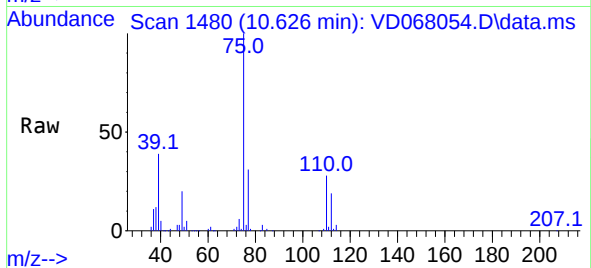


#53
t-1,3-Dichloropropene
Concen: 17.43 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

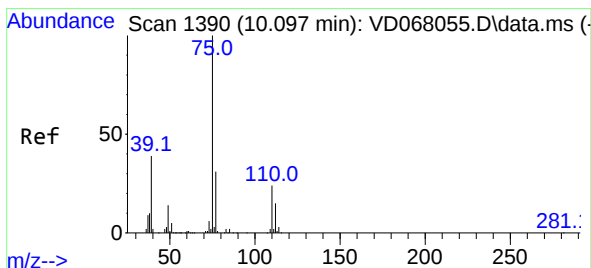
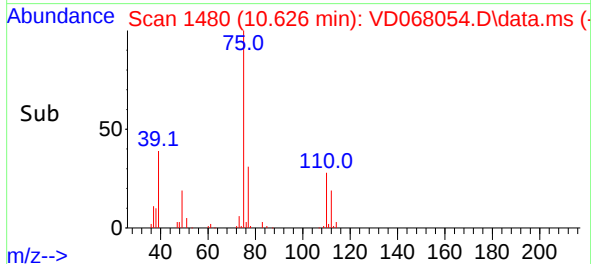
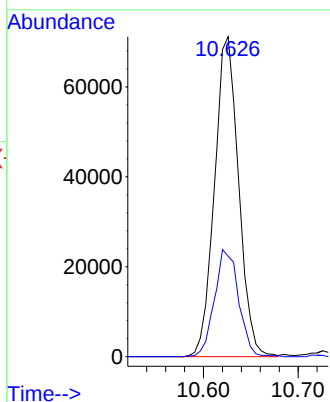
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

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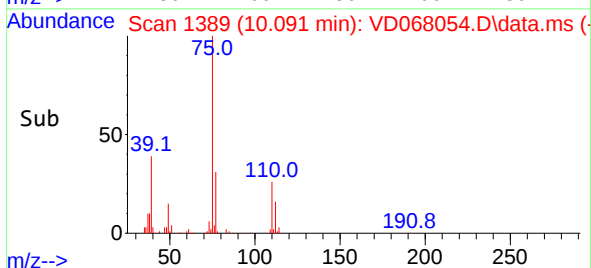
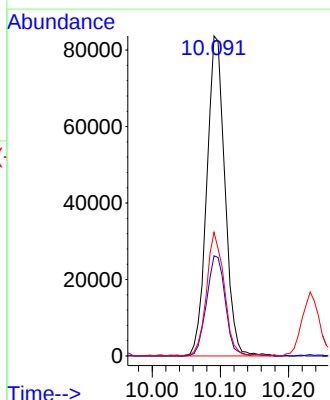
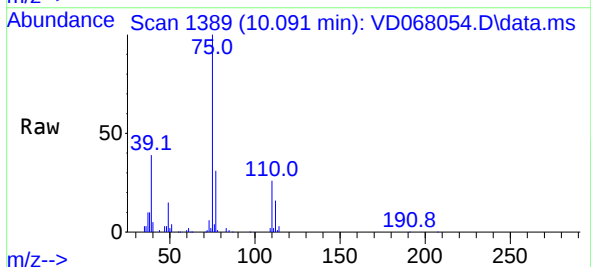


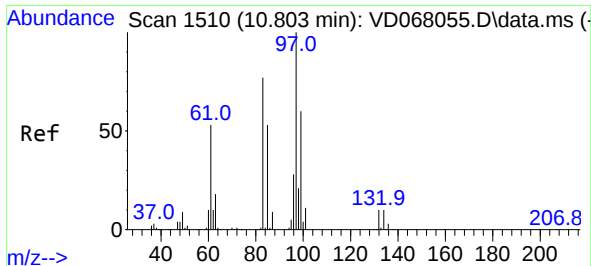
Tgt Ion: 75 Resp: 125972
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 17.42 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

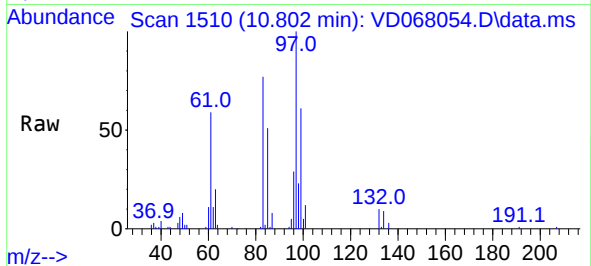
Tgt Ion: 75 Resp: 154615
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0
39 38.7 31.4 47.0





#55
1,1,2-Trichloroethane
Concen: 18.49 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

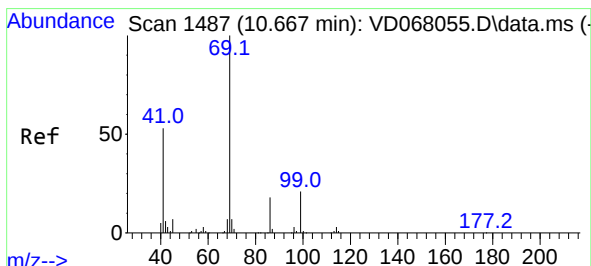
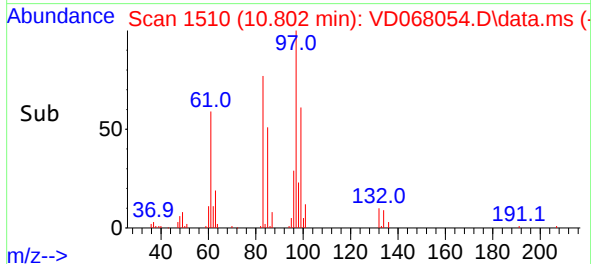
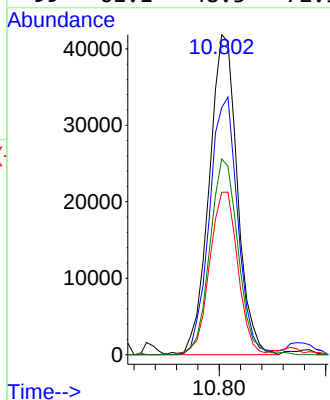
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:	97	Resp:	76766
Ion	Ratio	Lower	Upper
97	100		
83	77.2	61.8	92.6
85	50.4	42.2	63.2
99	61.1	48.3	72.5

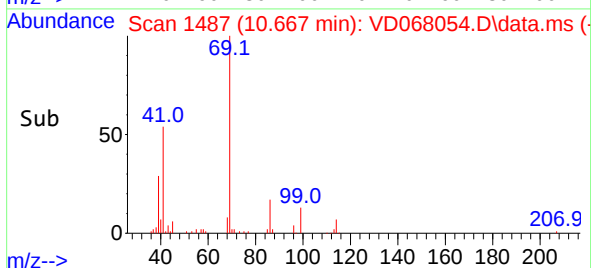
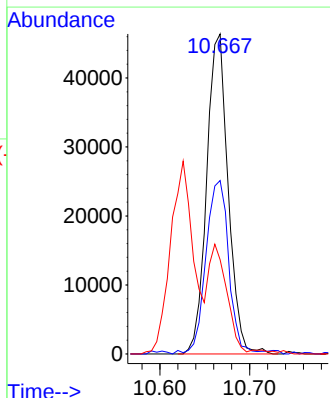
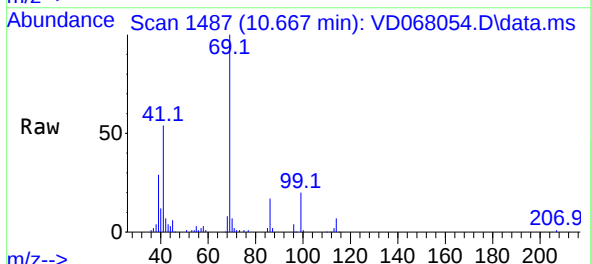
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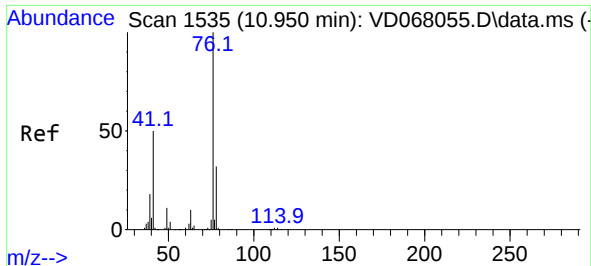
MMDadoda
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#56
Ethyl methacrylate
Concen: 16.66 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion:	69	Resp:	77133
Ion	Ratio	Lower	Upper
69	100		
41	57.5	44.9	67.3
39	27.3	21.9	32.9





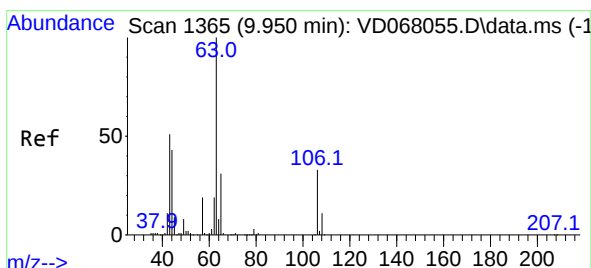
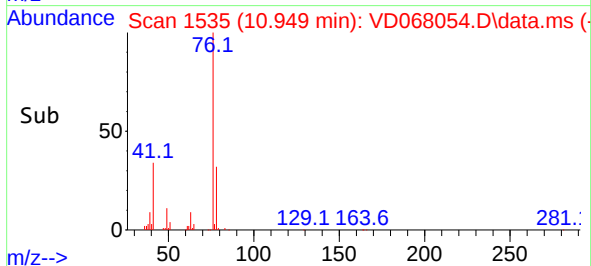
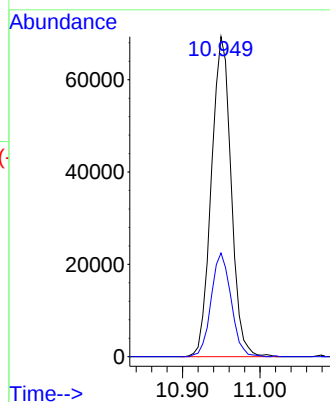
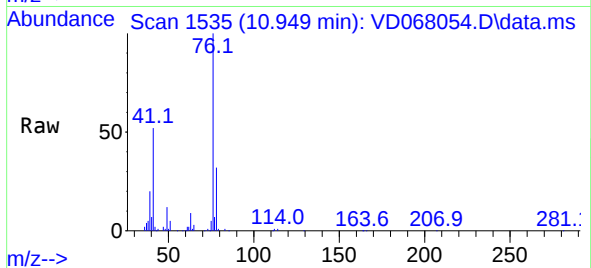
#57
1,3-Dichloropropane
Concen: 16.99 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 76 Resp: 122673
Ion Ratio Lower Upper
76 100
78 32.6 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

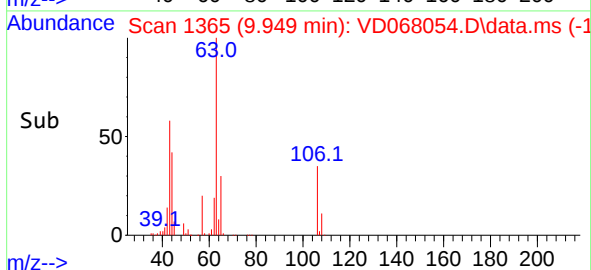
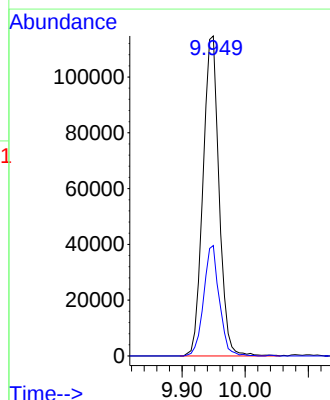
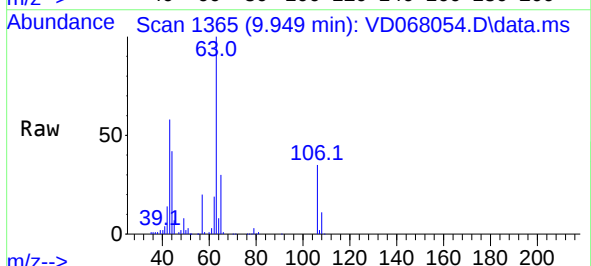
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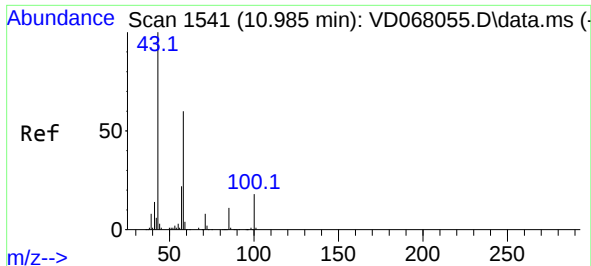
MMDadoda
1/13/2021 4:37:53 PM



#58
2-Chloroethyl Vinyl ether
Concen: 89.00 ug/l
RT: 9.949 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

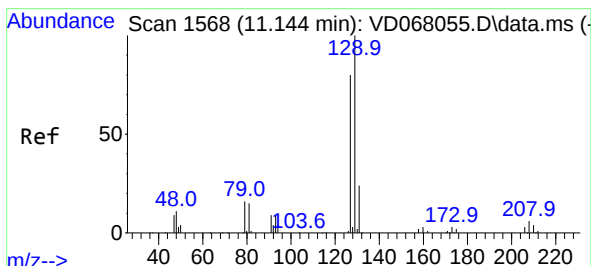
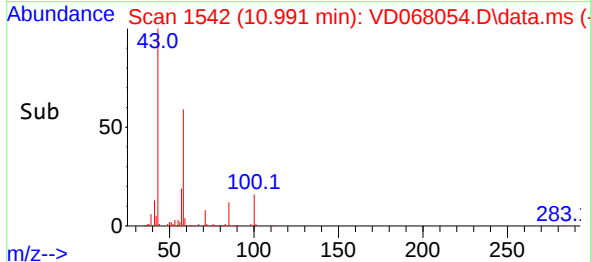
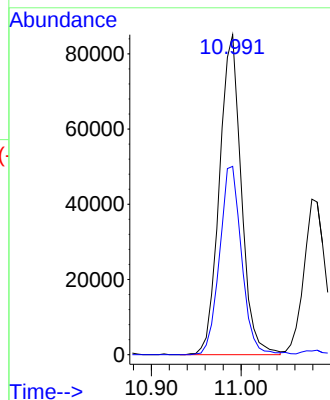
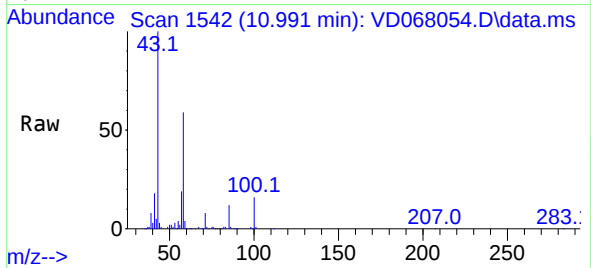
Tgt Ion: 63 Resp: 203202
Ion Ratio Lower Upper
63 100
106 33.6 27.0 40.4





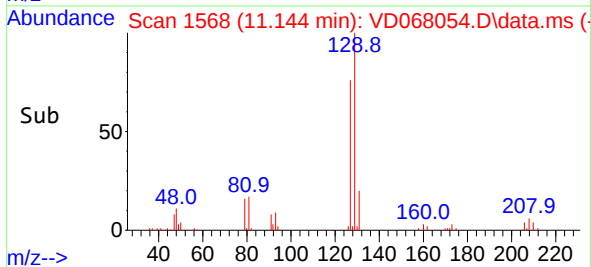
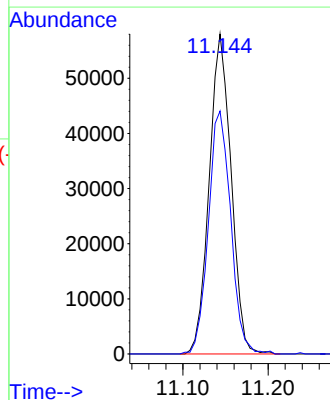
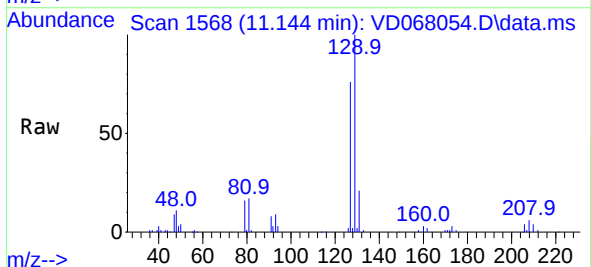
#59
2-Hexanone
Concen: 71.50 ug/l
RT: 10.991 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 43 Resp: 144005
Ion Ratio Lower Upper
43 100
58 59.4 31.0 93.0



#60
Dibromochloromethane
Concen: 19.84 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

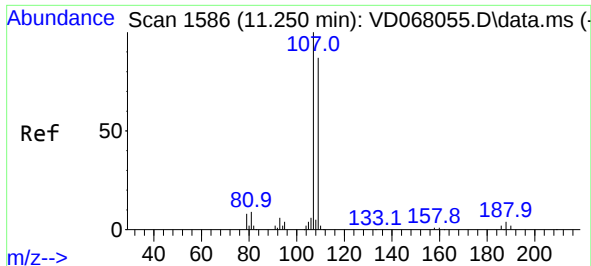
Tgt Ion: 129 Resp: 103579
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

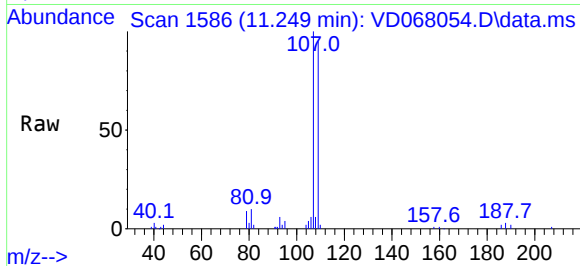
Manual Integrations
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#61
1,2-Dibromoethane
Concen: 18.20 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

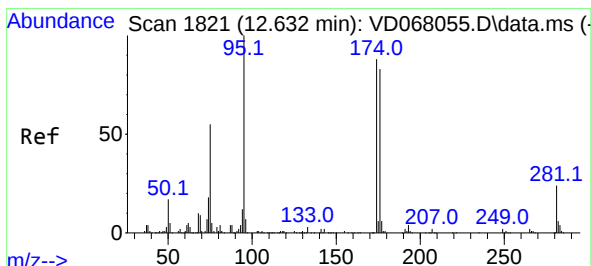
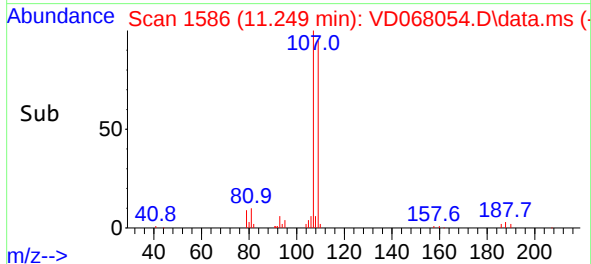
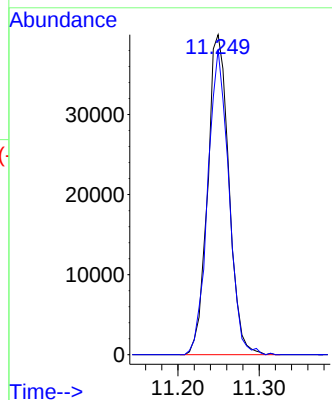
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



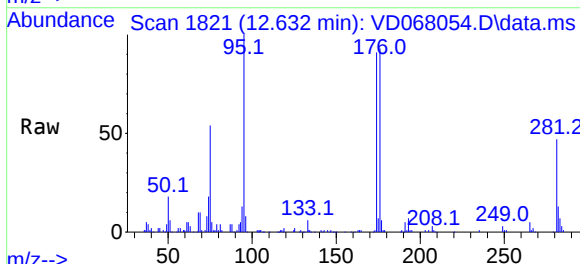
Tgt Ion:107 Resp: 72798
Ion Ratio Lower Upper
107 100
109 93.9 74.8 112.2

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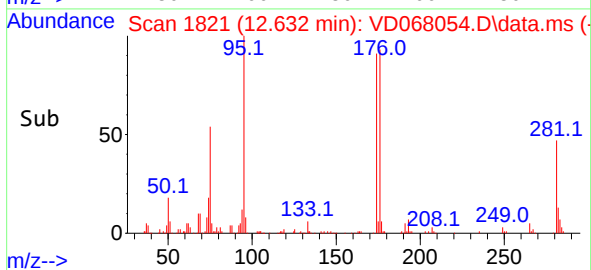
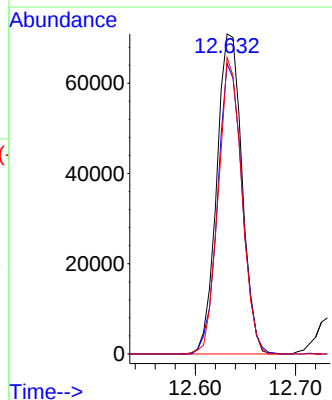
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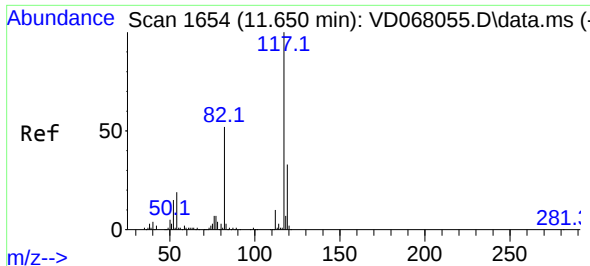


#62
4-Bromofluorobenzene
Concen: 19.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



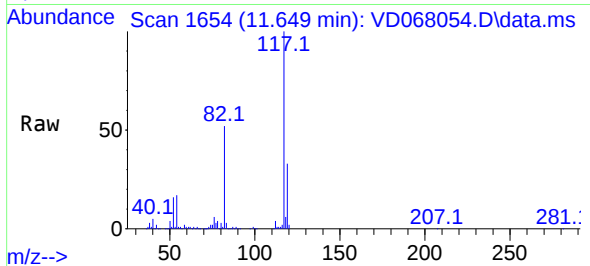
Tgt Ion: 95 Resp: 123688
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.4
176 86.3 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

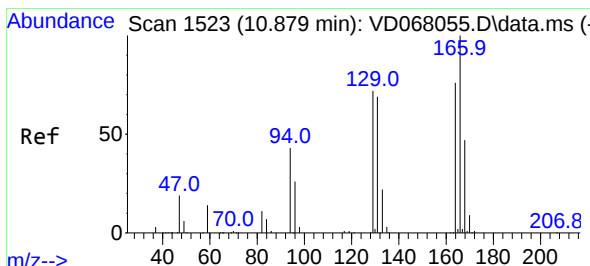
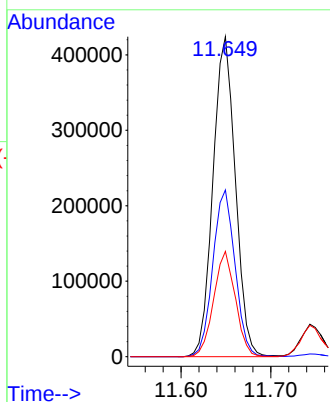
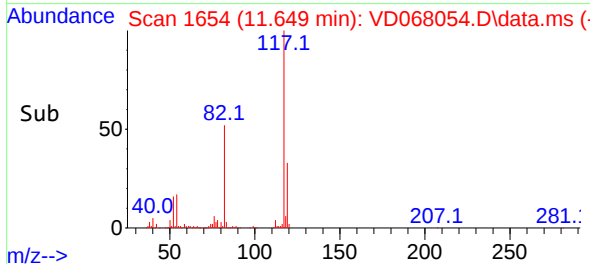
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



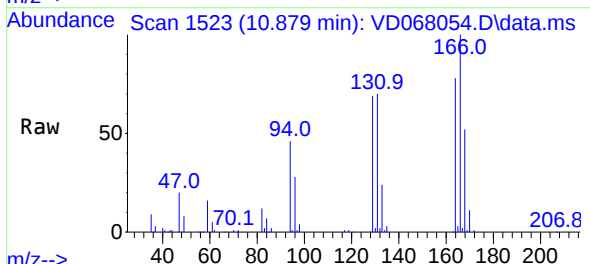
Tgt Ion:117 Resp: 734585
Ion Ratio Lower Upper
117 100
82 52.1 41.4 62.0
119 32.9 26.1 39.1

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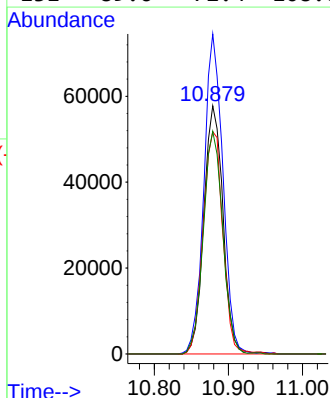
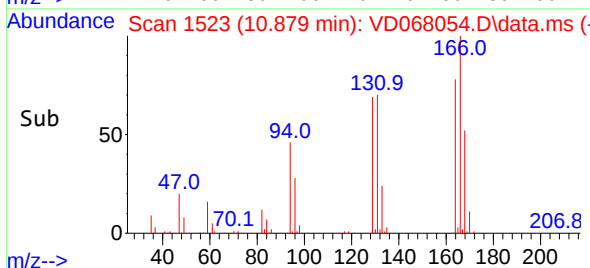
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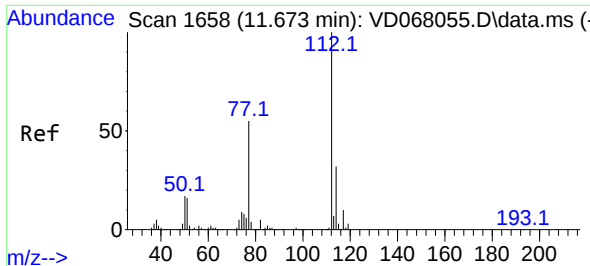


#64
Tetrachloroethene
Concen: 19.88 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



Tgt Ion:164 Resp: 103769
Ion Ratio Lower Upper
164 100
166 128.9 105.5 158.3
129 89.5 75.6 113.4
131 89.6 72.4 108.6





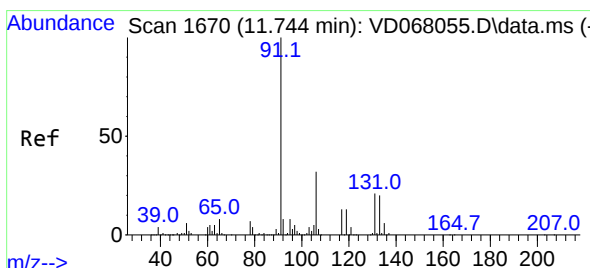
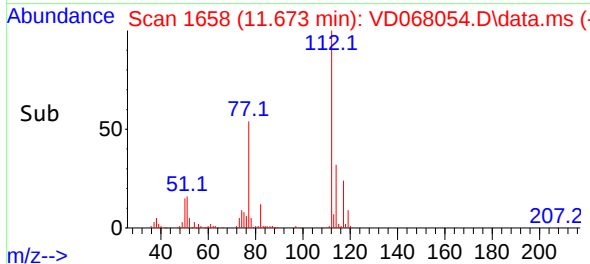
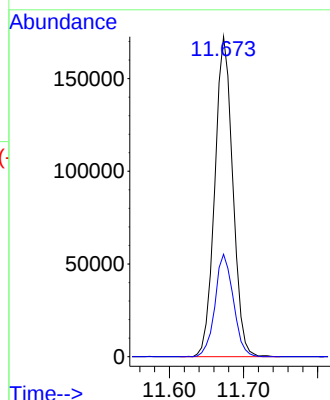
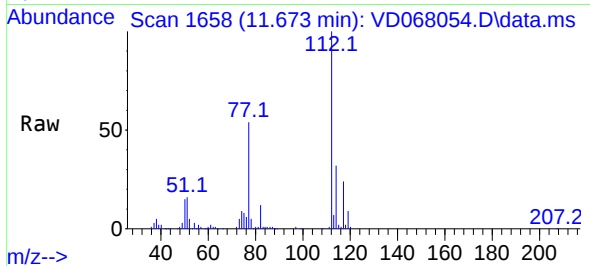
#65
Chlorobenzene
Concen: 18.38 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 290607
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

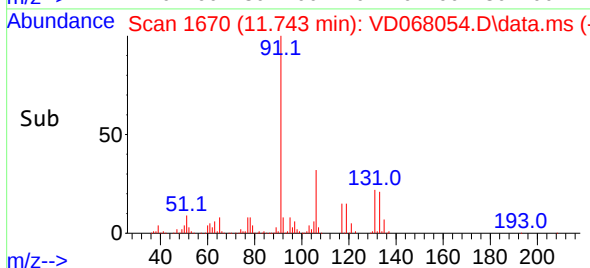
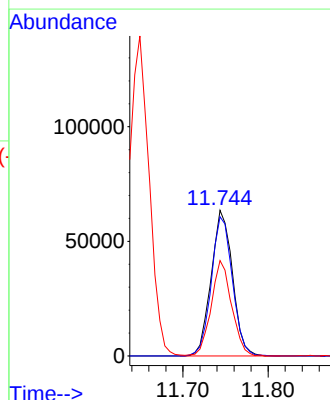
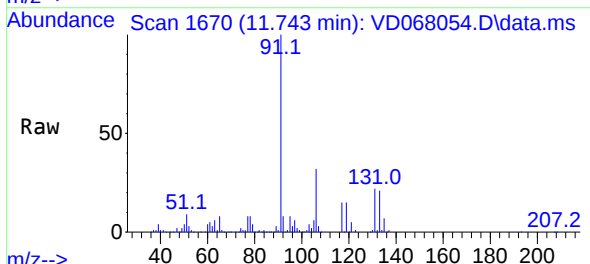
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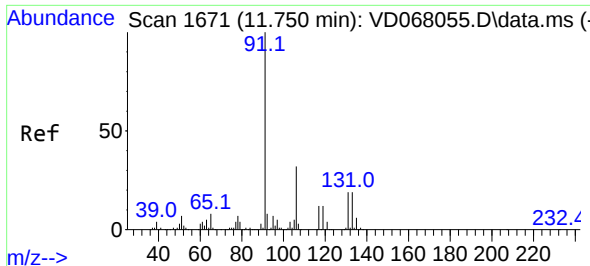
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.40 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion:131 Resp: 110463
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.4
119 62.7 31.6 94.8





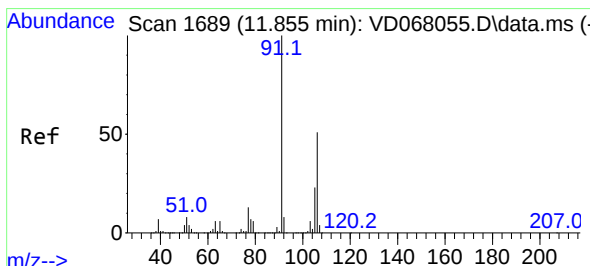
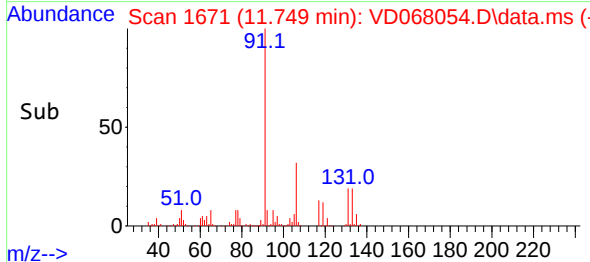
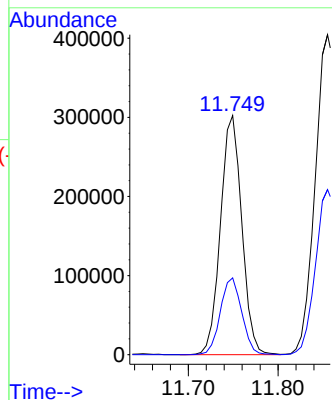
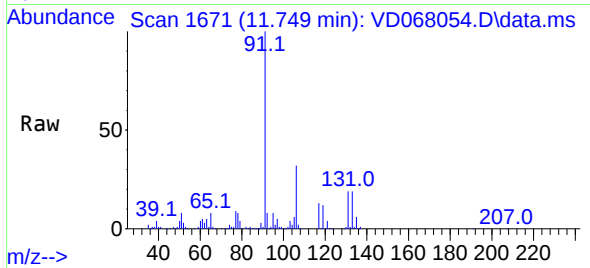
#67
Ethyl Benzene
Concen: 17.78 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 91 Resp: 498294
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

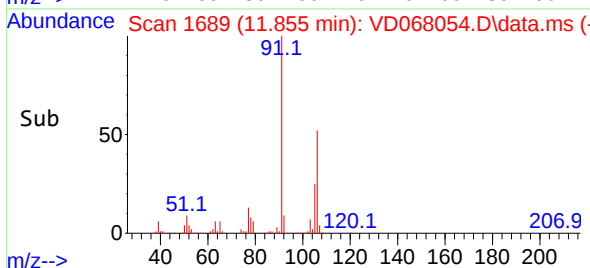
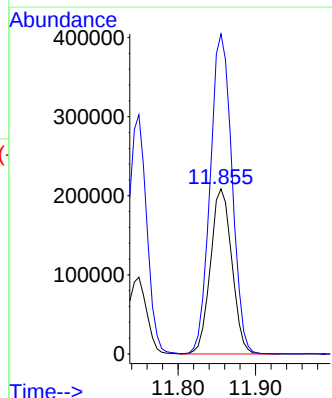
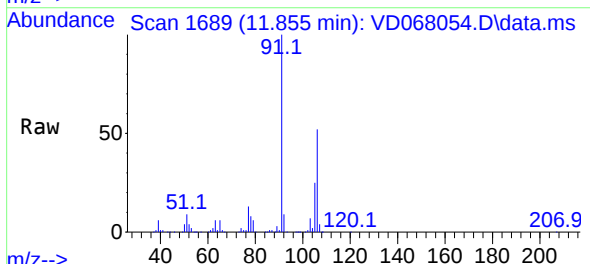
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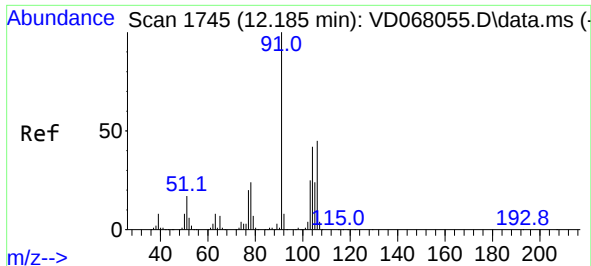
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#68
m/p-Xylenes
Concen: 37.37 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

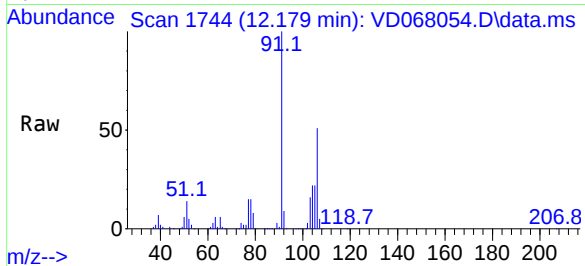
Tgt Ion:106 Resp: 400060
Ion Ratio Lower Upper
106 100
91 197.4 159.1 238.7





#69
o-Xylene
Concen: 18.82 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

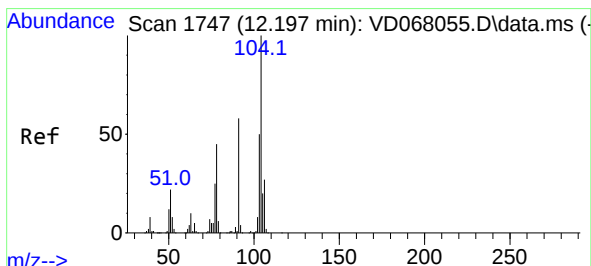
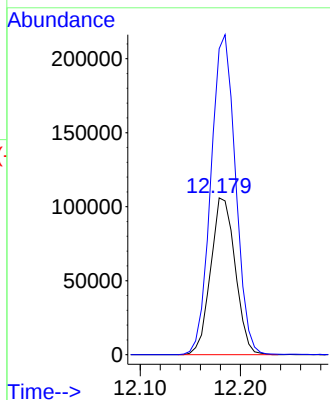
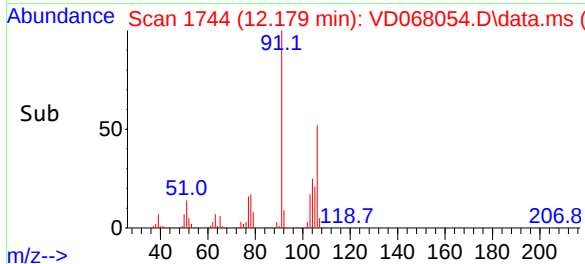
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



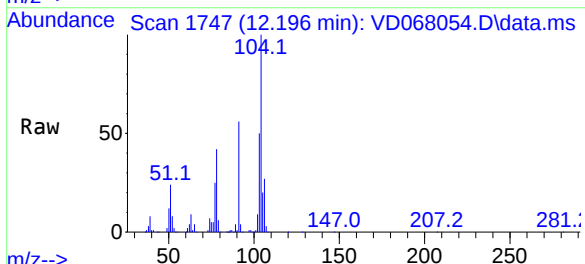
Tgt Ion:106 Resp: 179725
Ion Ratio Lower Upper
106 100
91 204.9 108.7 325.9

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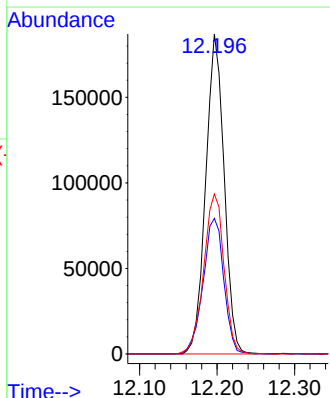
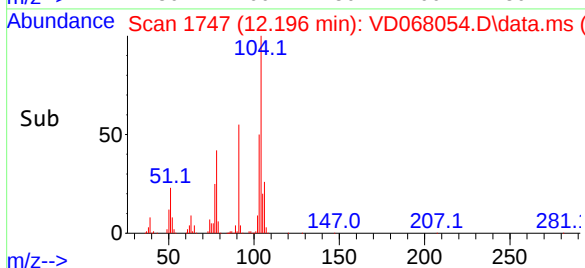
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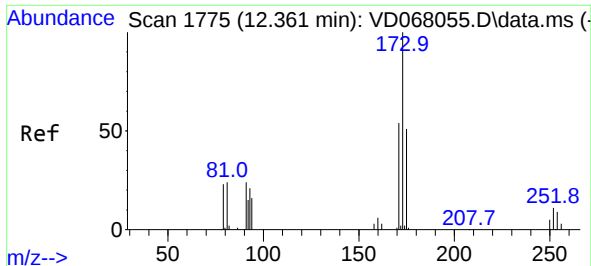


#70
Styrene
Concen: 18.69 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



Tgt Ion:104 Resp: 309491
Ion Ratio Lower Upper
104 100
78 47.5 38.2 57.2
103 55.2 43.1 64.7





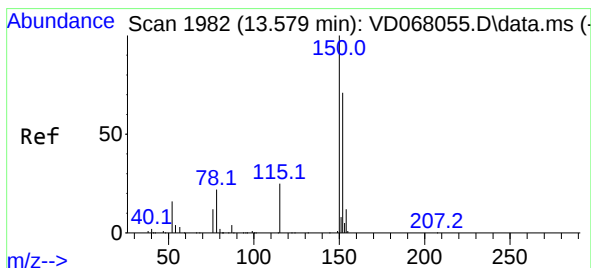
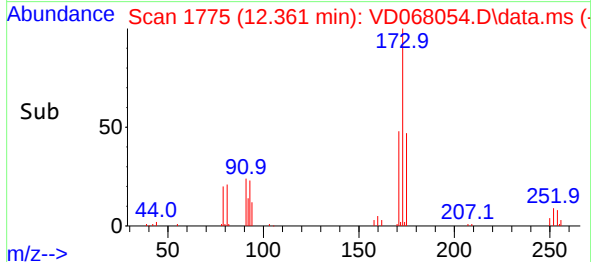
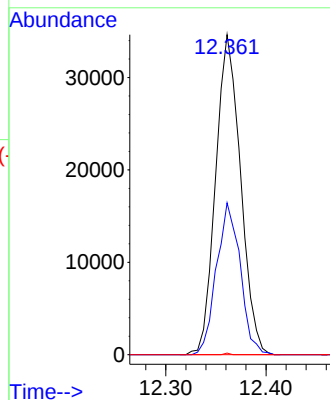
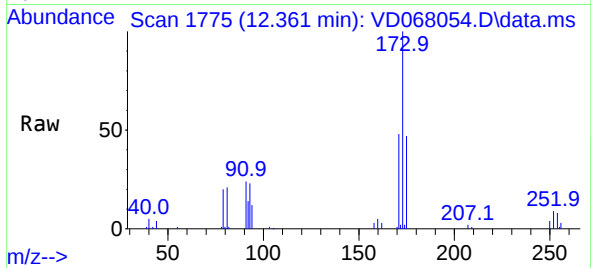
#71
Bromoform
Concen: 20.65 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion:173 Resp: 59739
Ion Ratio Lower Upper
173 100
175 45.2 24.6 73.8
254 0.1 0.0 0.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

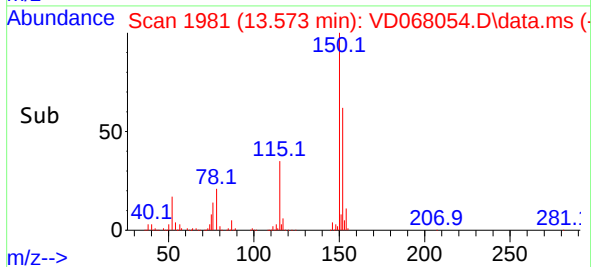
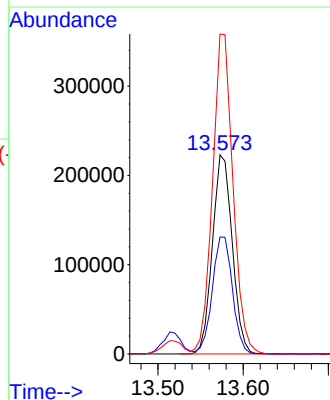
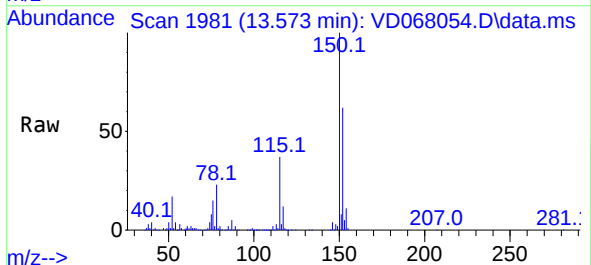
Manual Integrations
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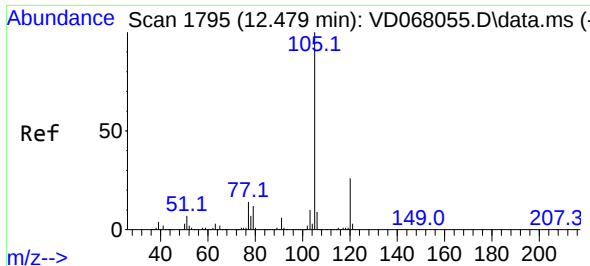
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

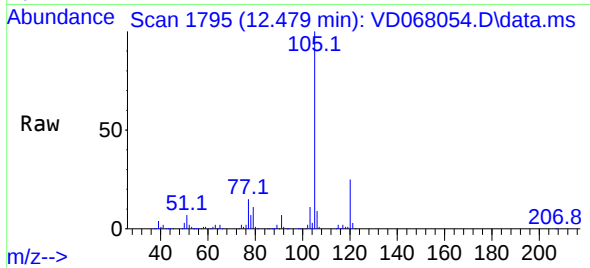
Tgt Ion:152 Resp: 360943
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.8
150 165.5 0.0 344.4





#73
Isopropylbenzene
Concen: 18.00 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

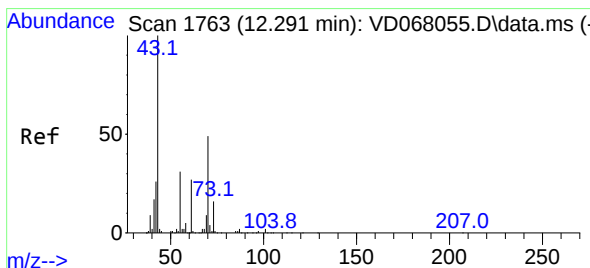
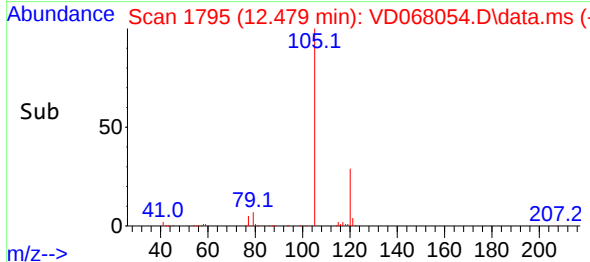
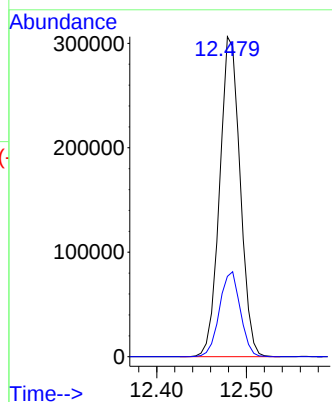
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



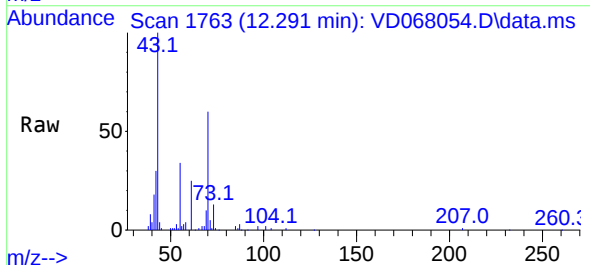
Tgt Ion: 105 Resp: 484980
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.6

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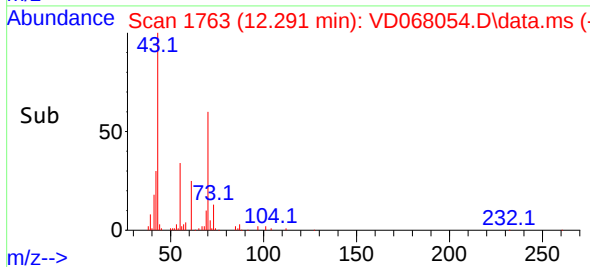
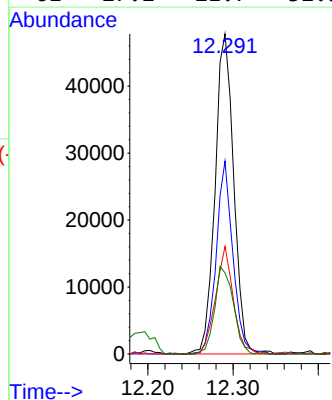
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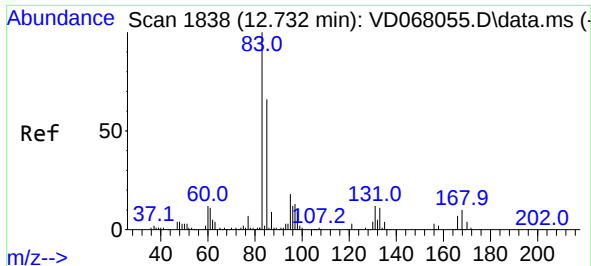


#74
N-ethyl acetate
Concen: 12.55 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



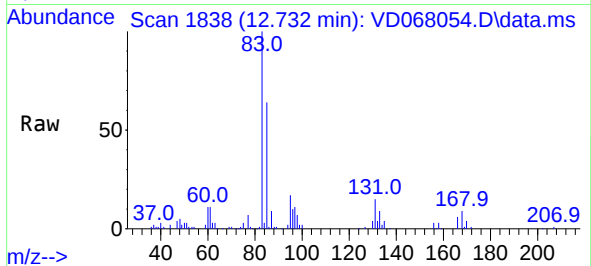
Tgt Ion: 43 Resp: 72775
Ion Ratio Lower Upper
43 100
70 54.0 41.8 62.8
55 31.8 24.2 36.4
61 27.2 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 15.99 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

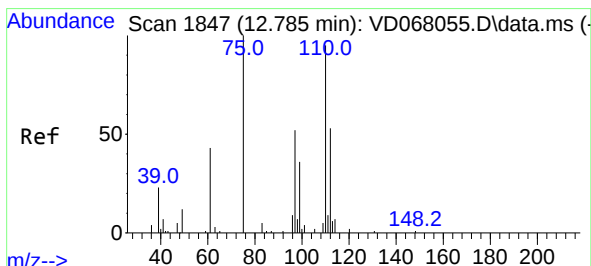
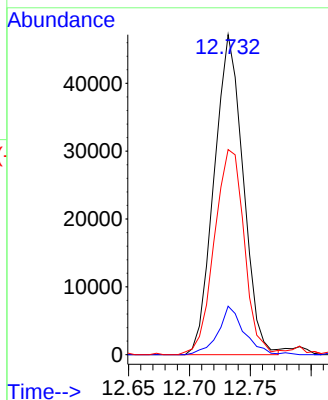
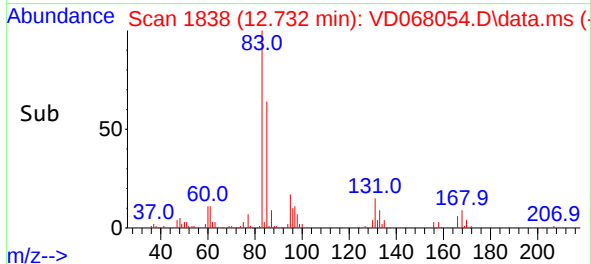
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



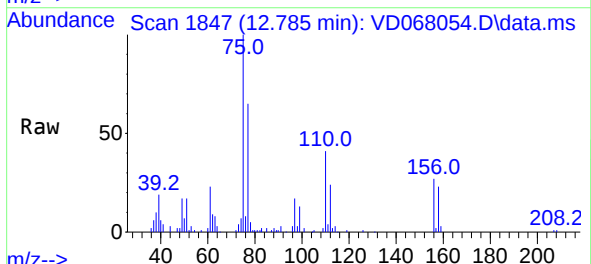
Tgt Ion: 83 Resp: 78227
Ion Ratio Lower Upper
83 100
131 13.6 5.8 17.4
85 66.4 32.4 97.2

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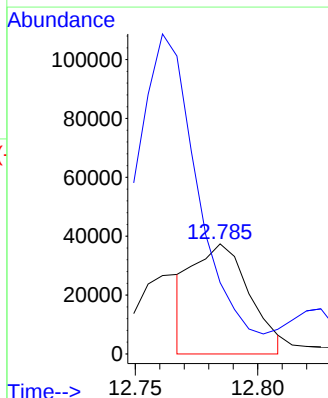
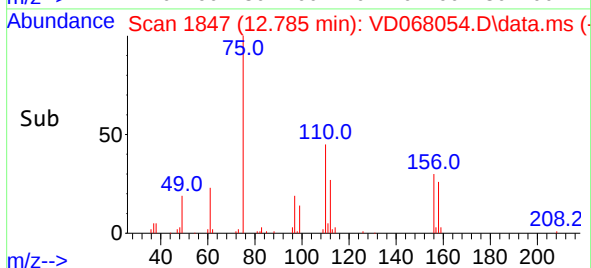
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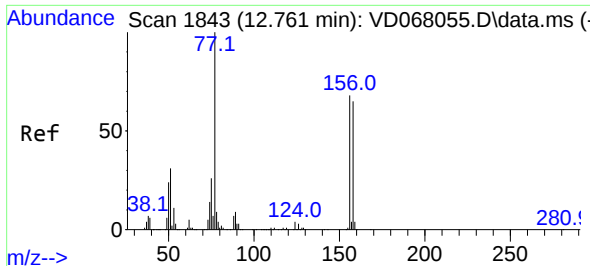


#76
1,2,3-Trichloropropane
Concen: 20.18 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



Tgt Ion: 75 Resp: 60567
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





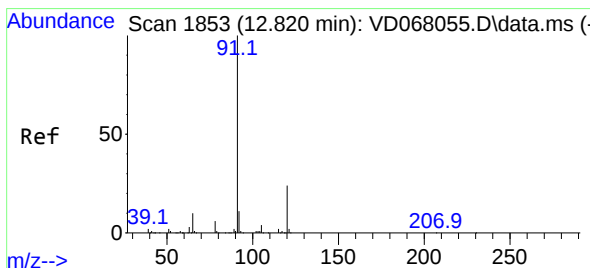
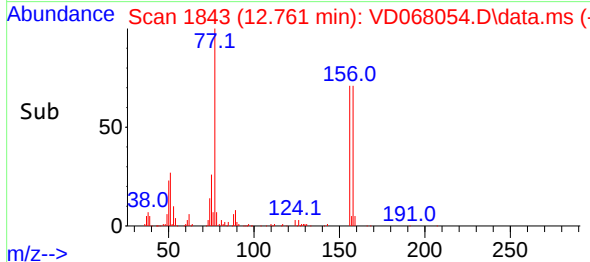
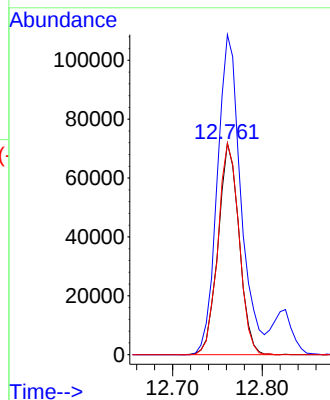
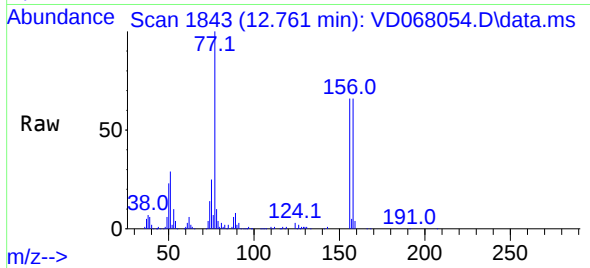
#77
Bromobenzene
Concen: 18.92 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion: 156 Resp: 116855
Ion Ratio Lower Upper
156 100
77 169.4 82.8 248.3
158 100.4 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

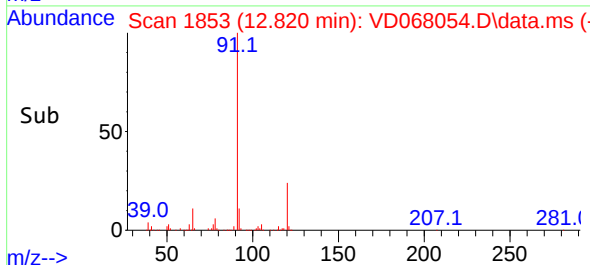
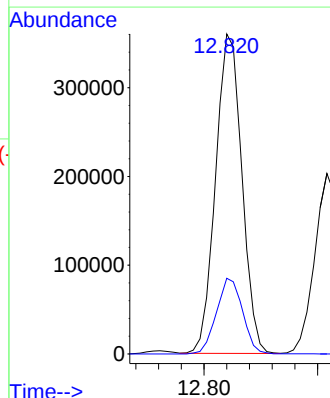
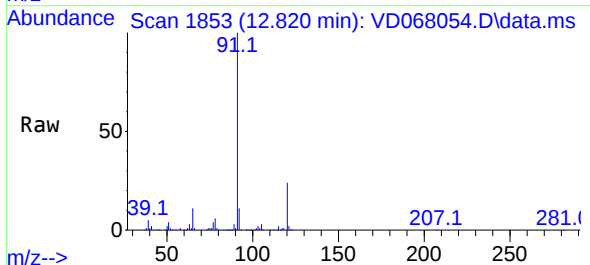
Manual Integrations
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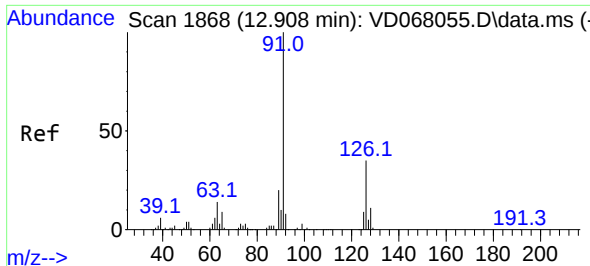
MMDadoda
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#78
n-propylbenzene
Concen: 17.52 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

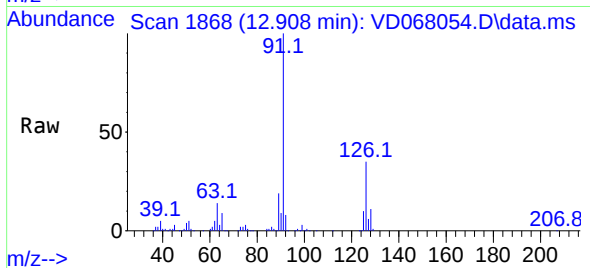
Tgt Ion: 91 Resp: 579183
Ion Ratio Lower Upper
91 100
120 23.4 12.0 36.0





#79
2-Chlorotoluene
Concen: 17.83 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

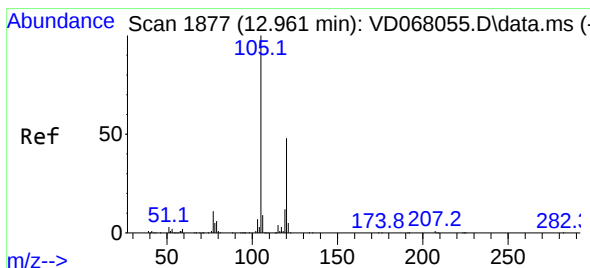
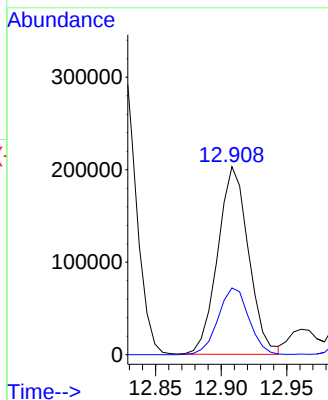
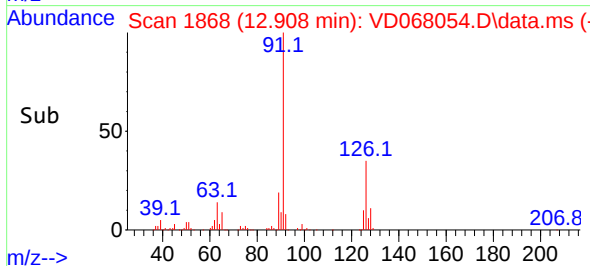
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



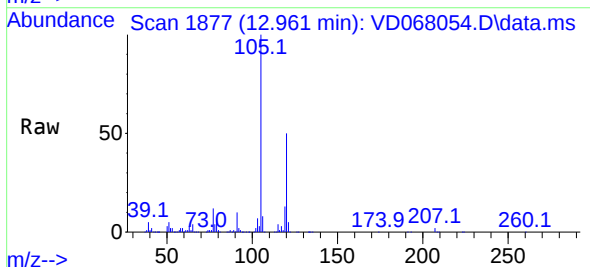
Tgt Ion: 91 Resp: 332803
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.5

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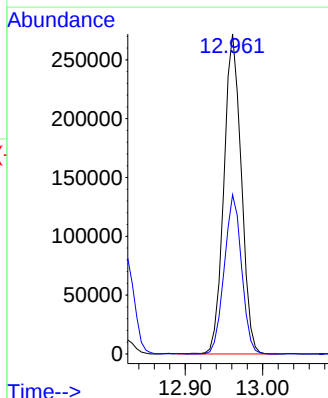
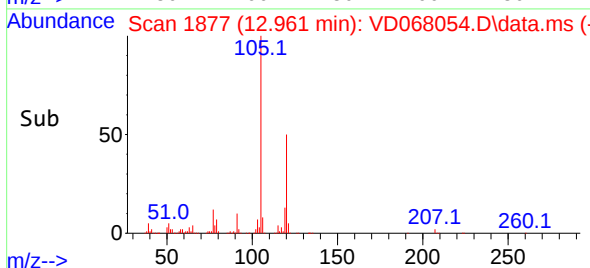
MMDadoda
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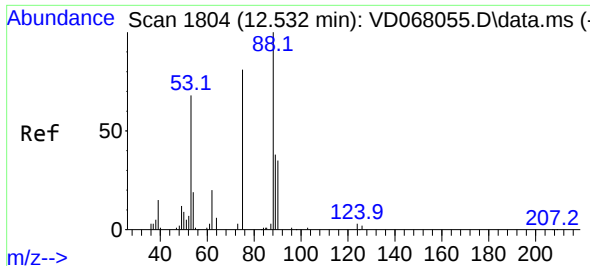


#80
1,3,5-Trimethylbenzene
Concen: 18.92 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



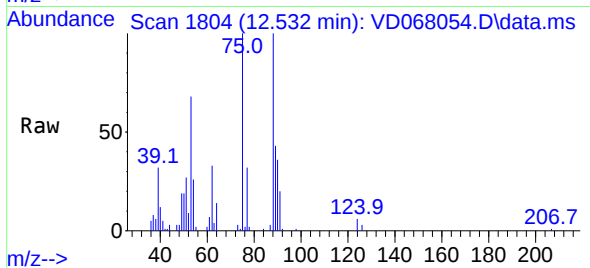
Tgt Ion: 105 Resp: 424186
Ion Ratio Lower Upper
105 100
120 49.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.42 ug/l
RT: 12.532 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

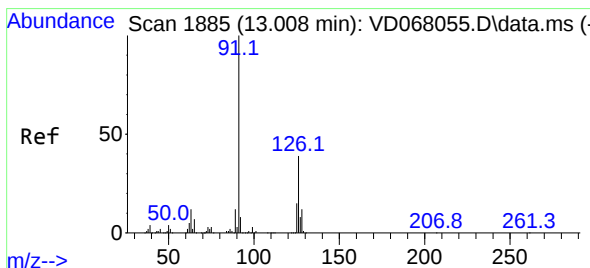
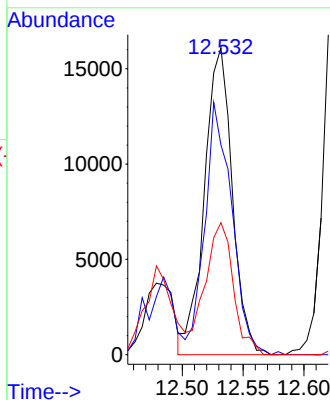
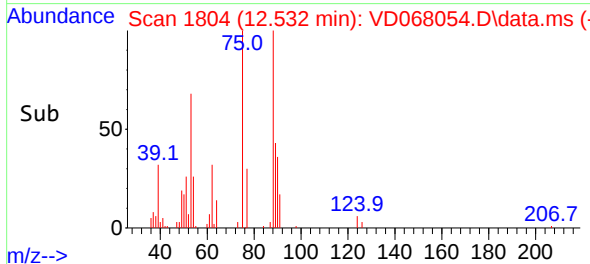
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



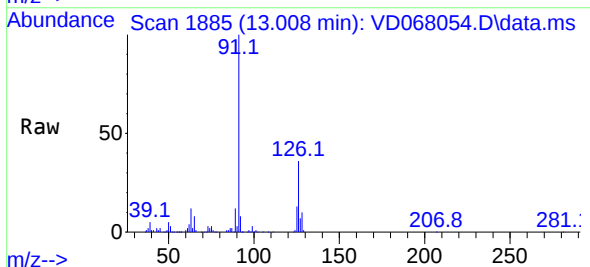
Tgt Ion: 75 Resp: 25664
Ion Ratio Lower Upper
75 100
53 79.4 70.2 105.2
89 44.0 40.3 60.5

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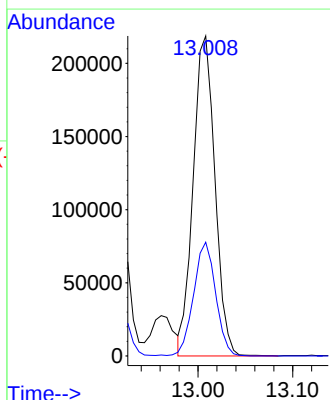
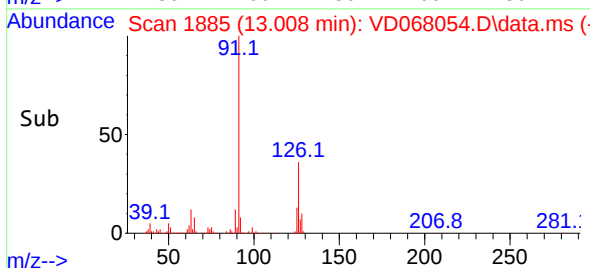
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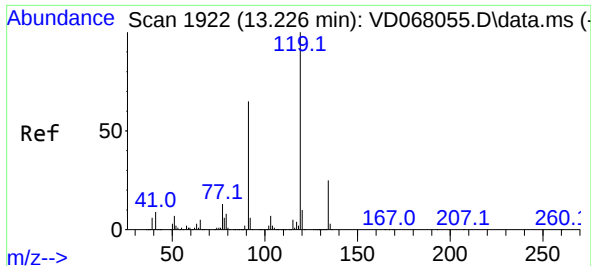


#82
4-Chlorotoluene
Concen: 17.78 ug/l
RT: 13.008 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



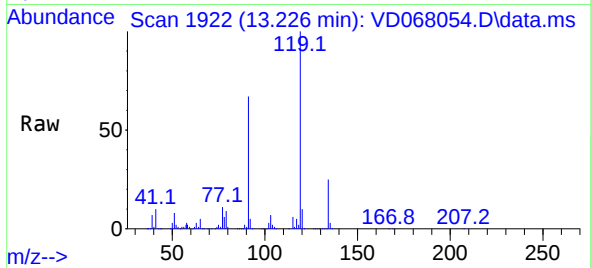
Tgt Ion: 91 Resp: 349138
Ion Ratio Lower Upper
91 100
126 36.1 17.7 53.1





#83
tert-Butylbenzene
Concen: 18.90 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

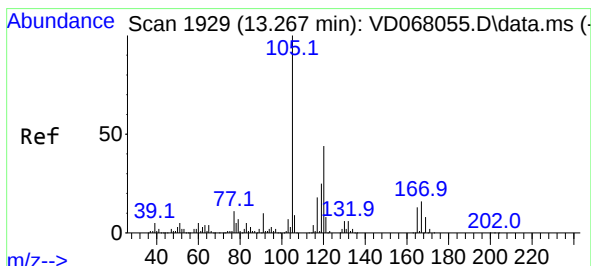
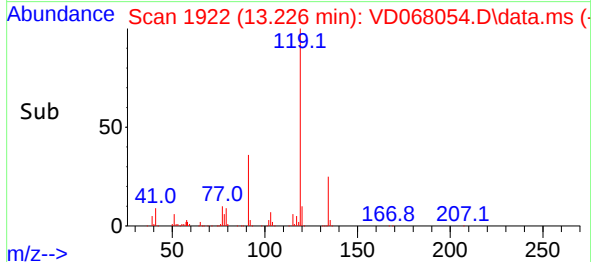
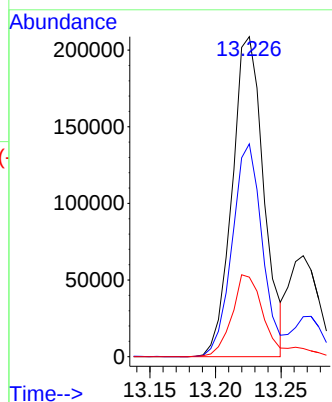
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



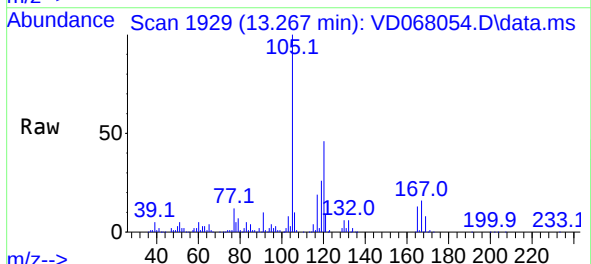
Tgt Ion:119 Resp: 350138
Ion Ratio Lower Upper
119 100
91 64.6 31.1 93.5
134 27.2 13.3 39.8

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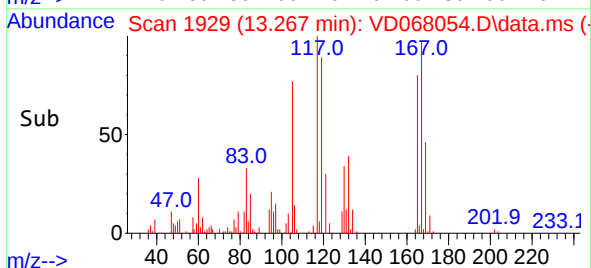
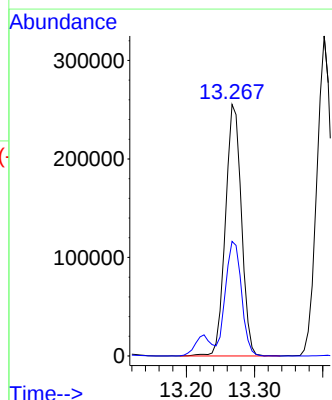
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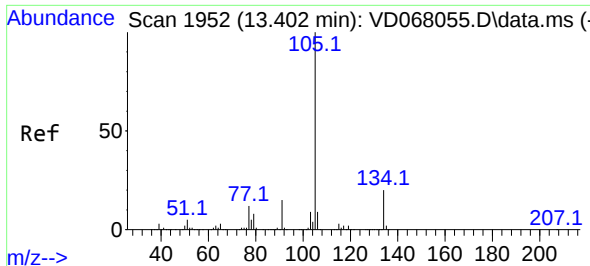


#84
1,2,4-Trimethylbenzene
Concen: 18.60 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



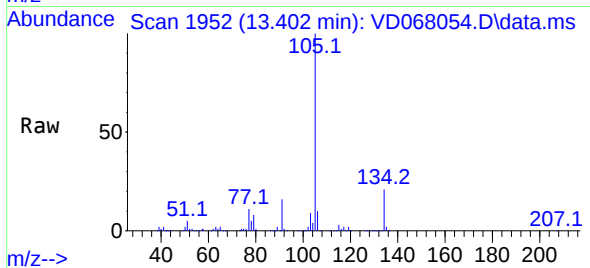
Tgt Ion:105 Resp: 416478
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.0





#85
sec-Butylbenzene
Concen: 18.43 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

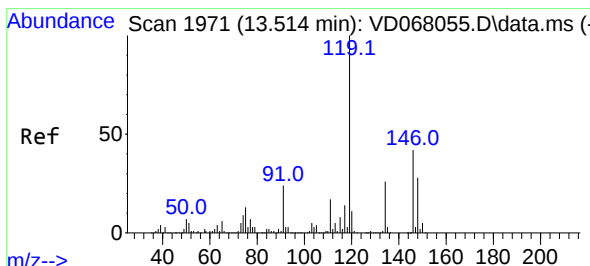
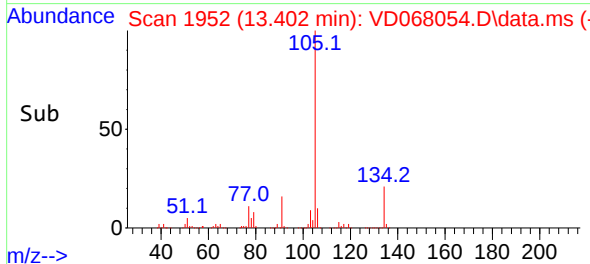
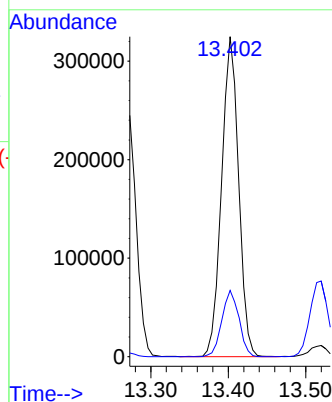
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion:105 Resp: 495693
Ion Ratio Lower Upper
105 100
134 20.8 10.3 30.9

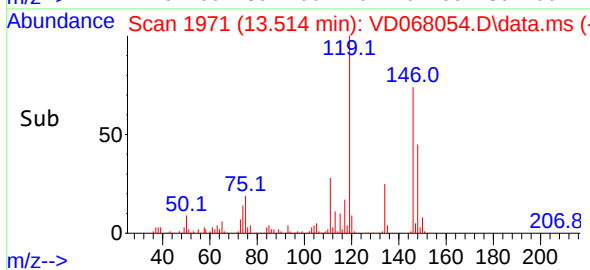
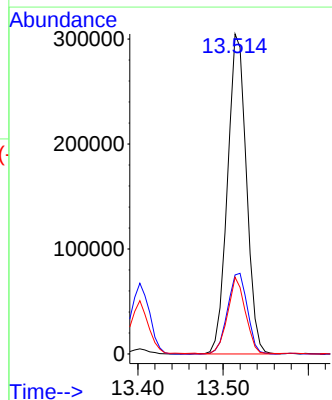
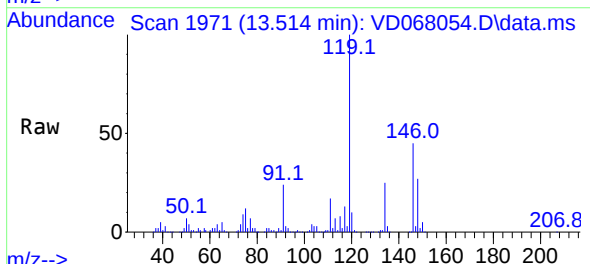
Manual Integrations
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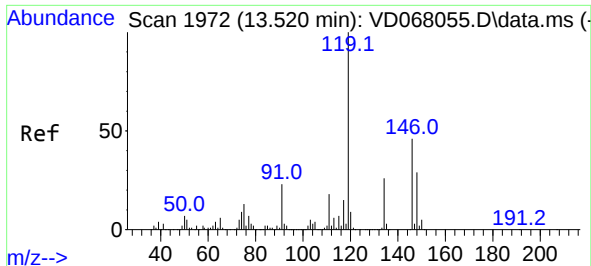
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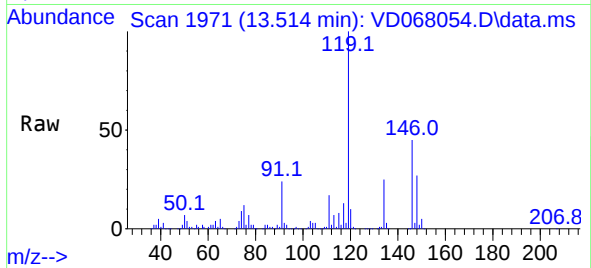
#86
p-Isopropyltoluene
Concen: 19.75 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion:119 Resp: 470555
Ion Ratio Lower Upper
119 100
134 26.4 12.9 38.7
91 22.4 11.7 35.0

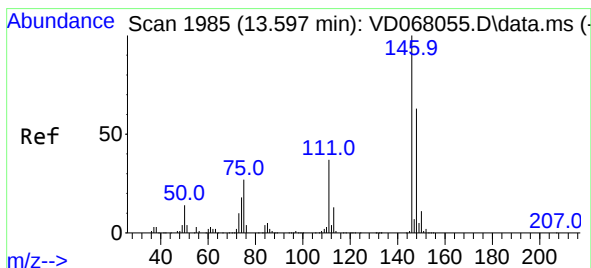
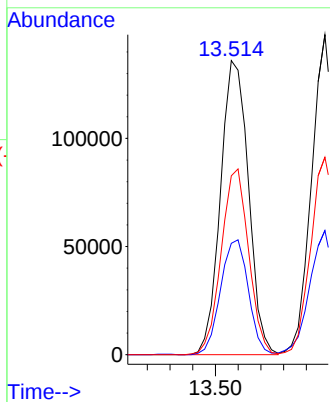
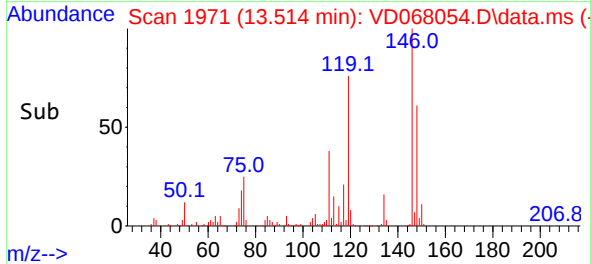




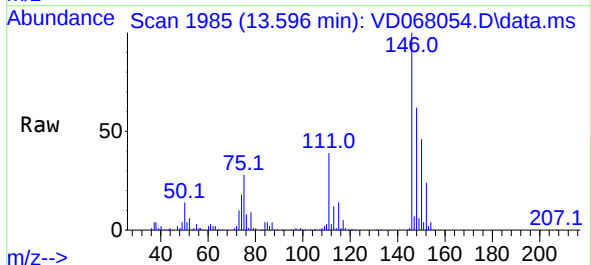
#87
1,3-Dichlorobenzene
Concen: 19.00 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



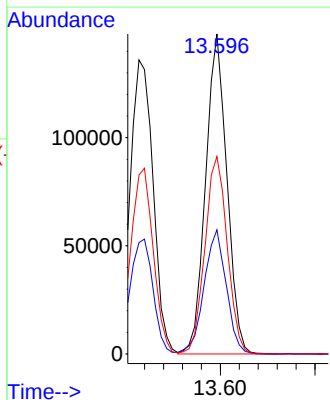
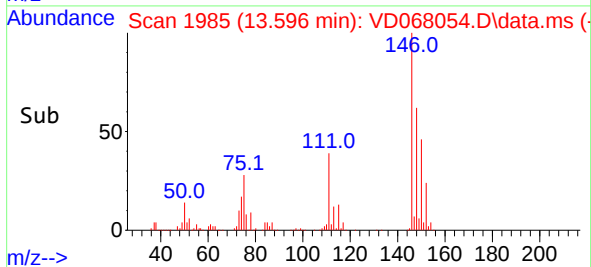
Tgt Ion:146 Resp: 232711
Ion Ratio Lower Upper
146 100
111 38.7 19.5 58.5
148 62.0 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 19.14 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



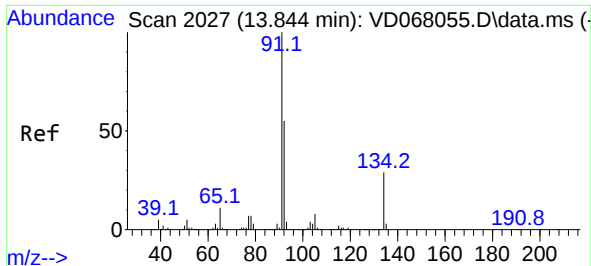
Tgt Ion:146 Resp: 231780
Ion Ratio Lower Upper
146 100
111 40.6 19.1 57.1
148 64.5 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

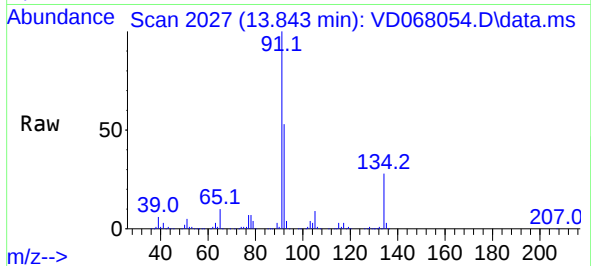
Manual Integrations
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#89
n-Butylbenzene
Concen: 17.76 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

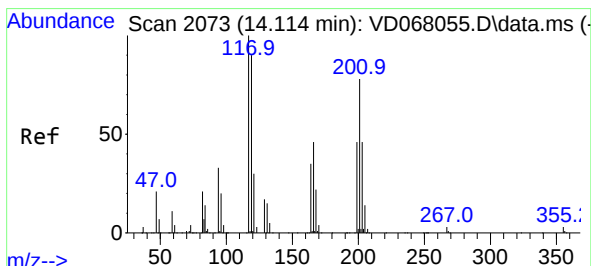
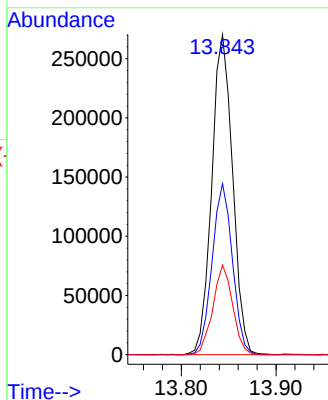
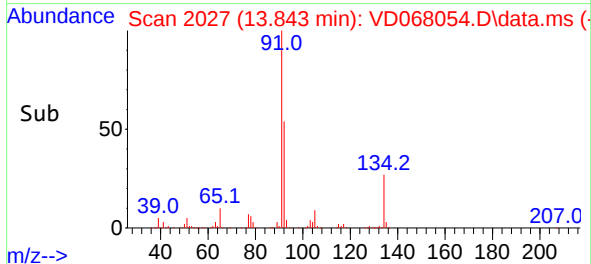
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



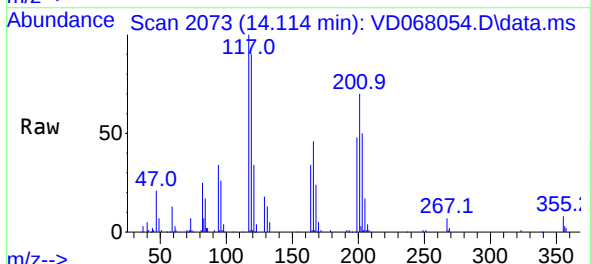
Tgt Ion: 91 Resp: 413497
Ion Ratio Lower Upper
91 100
92 52.0 27.2 81.6
134 26.6 13.9 41.7

Manual Integrations
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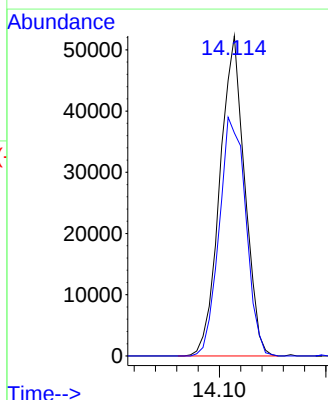
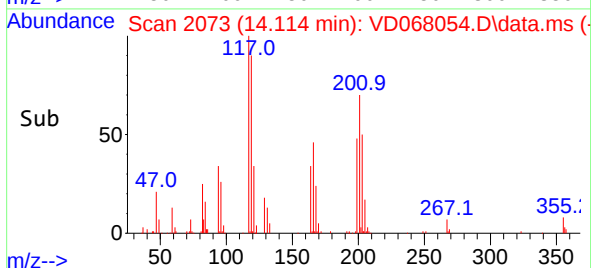
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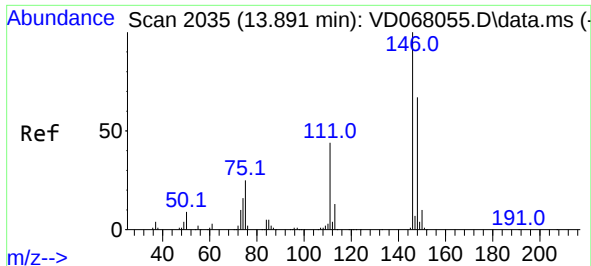


#90
Hexachloroethane
Concen: 17.50 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



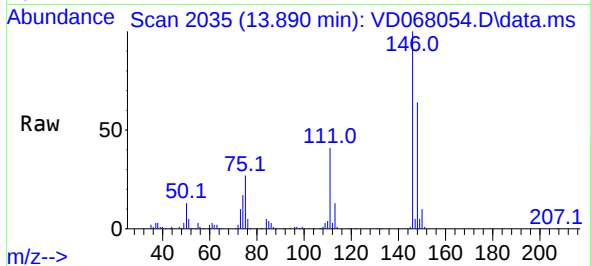
Tgt Ion: 117 Resp: 84698
Ion Ratio Lower Upper
117 100
201 79.7 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 19.19 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

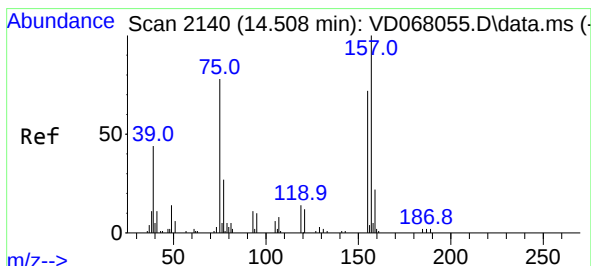
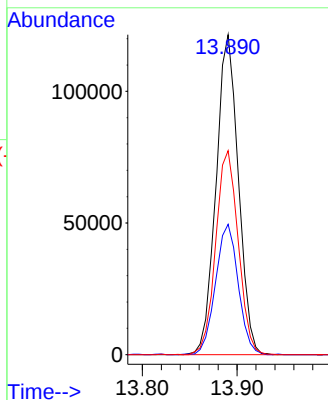
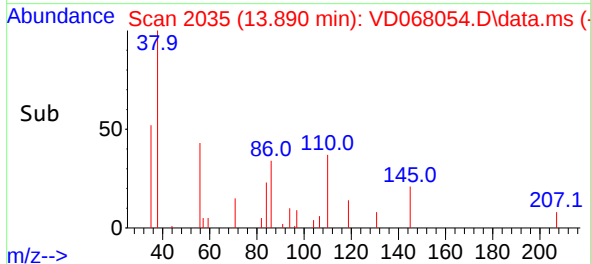
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



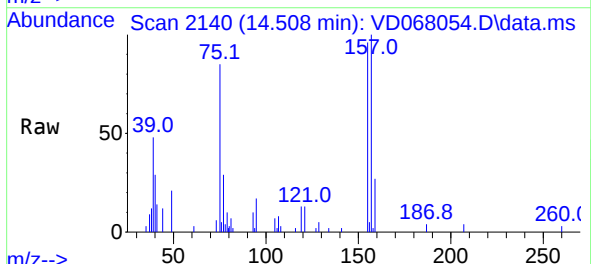
Tgt Ion:146 Resp: 199044
Ion Ratio Lower Upper
146 100
111 41.6 20.3 60.9
148 64.5 31.7 95.1

Manual Integrations
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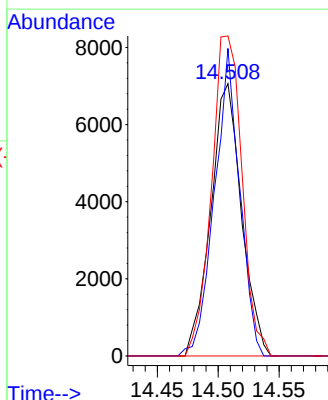
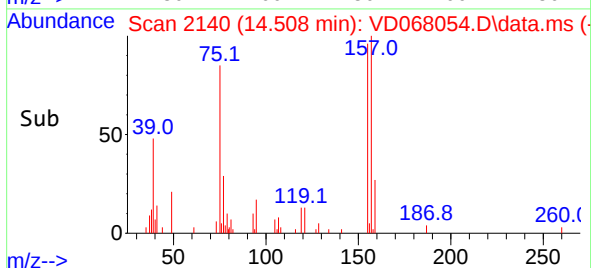
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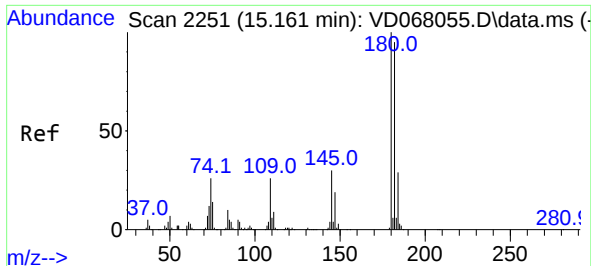


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.02 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



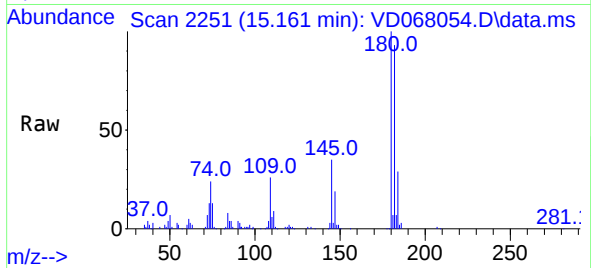
Tgt Ion: 75 Resp: 12431
Ion Ratio Lower Upper
75 100
155 92.2 48.0 144.2
157 116.6 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 21.35 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

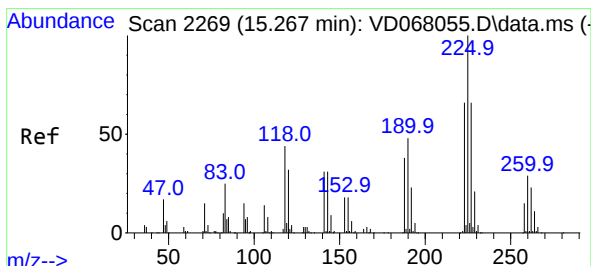
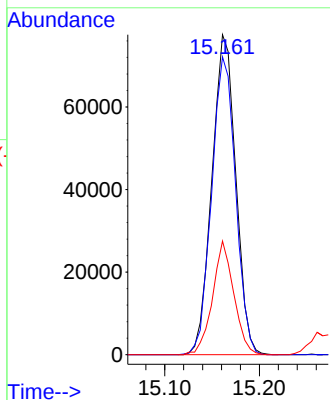
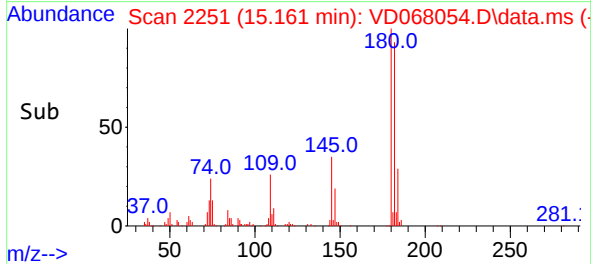
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



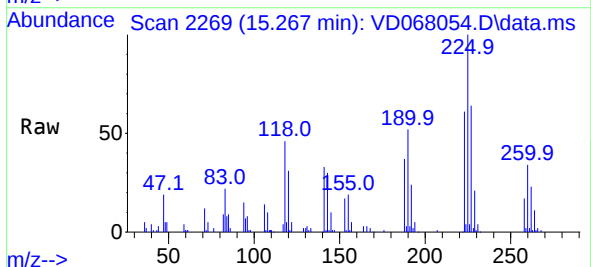
Tgt Ion:180 Resp: 135551
Ion Ratio Lower Upper
180 100
182 93.6 46.8 140.4
145 31.7 15.2 45.5

Manual Integrations
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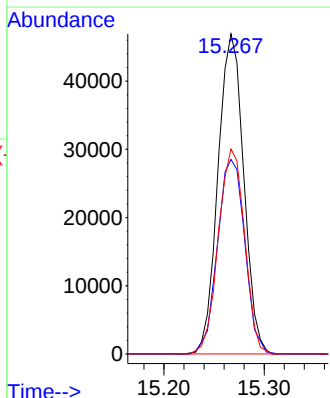
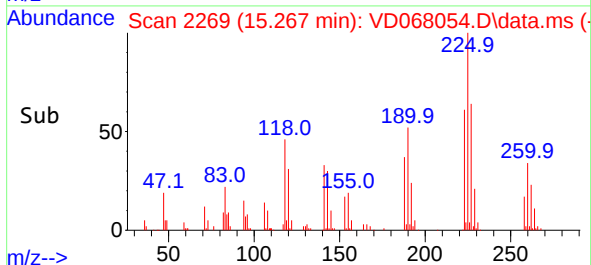
MMDadoda
1/13/2021 4:37:53 PM

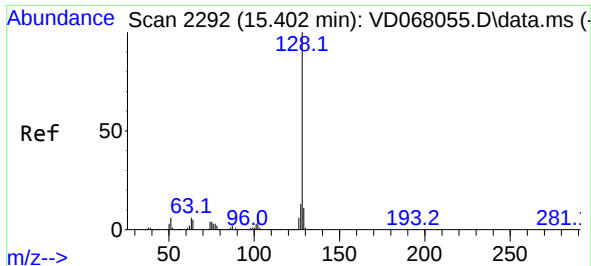


#94
Hexachlorobutadiene
Concen: 22.12 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37



Tgt Ion:225 Resp: 83566
Ion Ratio Lower Upper
225 100
223 64.5 31.9 95.5
227 65.4 32.1 96.5





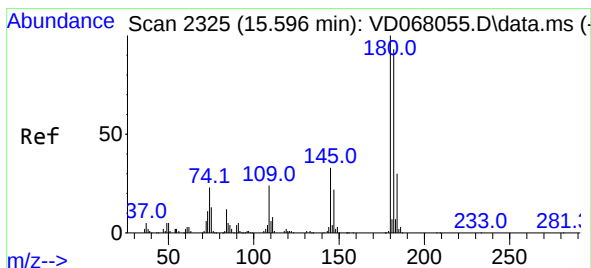
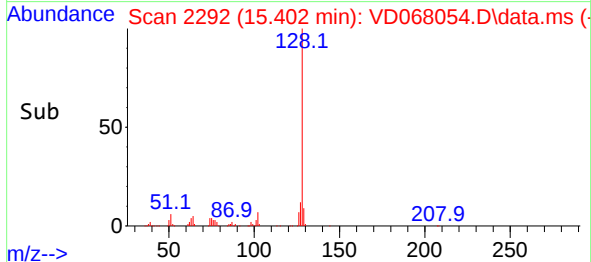
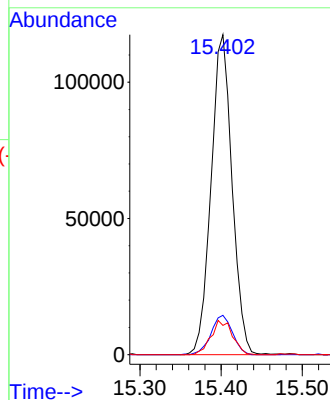
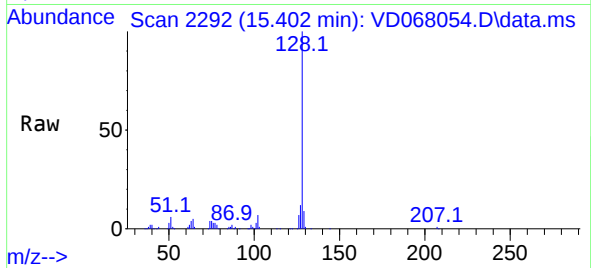
#95
Naphthalene
Concen: 19.01 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. -0.000 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion:	128	Resp:	211007
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	10.9	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
1/13/2021 4:37:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.08 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.006 min
Lab File: VD068054.D
Acq: 12 Jan 2021 13:37

Tgt Ion:	180	Resp:	115432
Ion Ratio	Lower	Upper	
180	100		
182	96.5	48.3	144.8
145	32.9	16.7	50.1

