

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072145.D
 Acq On : 11 Mar 2022 11:43
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 14 01:26:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 01:23:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	344344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	550020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	518247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268385	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	87760	20.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.680%#
35) Dibromofluoromethane	7.909	113	88979	24.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	49.360%#
50) Toluene-d8	10.338	98	325789	24.226	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	48.460%#
62) 4-Bromofluorobenzene	12.626	95	128683	26.916	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	53.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	66351	16.556	ug/l	99
3) Chloromethane	2.209	50	53880	11.624	ug/l	97
4) Vinyl Chloride	2.350	62	51630	10.736	ug/l	95
5) Bromomethane	2.750	94	33266	10.510	ug/l	95
6) Chloroethane	2.915	64	34086	11.181	ug/l	93
7) Trichlorofluoromethane	3.274	101	124392	17.166	ug/l	97
8) Diethyl Ether	3.709	74	34139	18.037	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.097	101	79628	19.179	ug/l	96
10) Methyl Iodide	4.297	142	55905	13.725	ug/l	99
11) Tert butyl alcohol	5.221	59	23508	76.454	ug/l #	91
12) 1,1-Dichloroethene	4.068	96	60438	16.269	ug/l	91
13) Acrolein	3.915	56	24512	68.892	ug/l	92
14) Allyl chloride	4.709	41	109978	15.754	ug/l	93
15) Acrylonitrile	5.420	53	90370	94.997	ug/l	98
16) Acetone	4.156	43	84586	76.063	ug/l	99
17) Carbon Disulfide	4.409	76	103775	8.381	ug/l	100
18) Methyl Acetate	4.715	43	46511	18.926	ug/l #	90
19) Methyl tert-butyl Ether	5.479	73	177324	19.913	ug/l	100
20) Methylene Chloride	4.962	84	98381	20.097	ug/l	86
21) trans-1,2-Dichloroethene	5.473	96	65756	15.248	ug/l	92
22) Diisopropyl ether	6.367	45	265138	19.241	ug/l	91
23) Vinyl Acetate	6.303	43	638699	85.208	ug/l	97
24) 1,1-Dichloroethane	6.262	63	157942	19.457	ug/l	100
25) 2-Butanone	7.209	43	115547	87.750	ug/l	94
26) 2,2-Dichloropropane	7.209	77	138786	20.305	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	90272	19.178	ug/l	96
28) Bromochloromethane	7.538	49	61607	19.970	ug/l #	19
29) Tetrahydrofuran	7.562	42	65081	83.062	ug/l	92
30) Chloroform	7.709	83	165533	19.809	ug/l	98
31) Cyclohexane	7.979	56	109928	13.614	ug/l	90
32) 1,1,1-Trichloroethane	7.903	97	146215	19.698	ug/l	97
36) 1,1-Dichloropropene	8.109	75	105553	17.196	ug/l	96
37) Ethyl Acetate	7.291	43	49727	17.924	ug/l	96
38) Carbon Tetrachloride	8.097	117	123315	19.967	ug/l	96
39) Methylcyclohexane	9.350	83	112660	15.858	ug/l	97
40) Benzene	8.350	78	306888	18.474	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	31548	20.229	ug/l	97
42) 1,2-Dichloroethane	8.420	62	97530	18.897	ug/l	97
43) Isopropyl Acetate	8.450	43	94385	18.833	ug/l	95
44) Trichloroethene	9.109	130	87286	19.973	ug/l	97
45) 1,2-Dichloropropane	9.385	63	88146	20.560	ug/l	92
46) Dibromomethane	9.473	93	42951	19.377	ug/l	93
47) Bromodichloromethane	9.656	83	128149	21.500	ug/l	98
48) Methyl methacrylate	9.456	41	41085	15.509	ug/l #	76
49) 1,4-Dioxane	9.461	88	10041	398.421	ug/l	89
51) 4-Methyl-2-Pentanone	10.220	43	255449	97.587	ug/l	95
52) Toluene	10.397	92	201782	19.310	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	114687	21.062	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	130775	20.370	ug/l #	89
55) 1,1,2-Trichloroethane	10.797	97	67637	22.556	ug/l	93
56) Ethyl methacrylate	10.656	69	75436	20.592	ug/l	86
57) 1,3-Dichloropropane	10.938	76	111158	20.983	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	181986	107.063	ug/l	95
59) 2-Hexanone	10.979	43	173639	92.606	ug/l	98
60) Dibromochloromethane	11.132	129	87992	23.608	ug/l	100
61) 1,2-Dibromoethane	11.238	107	59868	20.894	ug/l	100
64) Tetrachloroethene	10.873	164	72611	19.605	ug/l	94
65) Chlorobenzene	11.661	112	232159	20.903	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	94795	23.213	ug/l	98
67) Ethyl Benzene	11.738	91	405894	19.974	ug/l	98
68) m/p-Xylenes	11.844	106	313570	40.568	ug/l	99
69) o-Xylene	12.173	106	151637	21.411	ug/l	97
70) Styrene	12.185	104	265184	21.808	ug/l	99
71) Bromoform	12.350	173	51818	23.960	ug/l #	97
73) Isopropylbenzene	12.473	105	429857	20.487	ug/l	100
74) N-amyl acetate	12.279	43	91825	18.562	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	79543	20.894	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	96050	33.825	ug/l #	100
77) Bromobenzene	12.750	156	96954	20.849	ug/l	91
78) n-propylbenzene	12.808	91	532783	20.414	ug/l	100
79) 2-Chlorotoluene	12.897	91	302336	20.457	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	383315	22.053	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	25202	22.024	ug/l	90
82) 4-Chlorotoluene	12.997	91	317535	20.625	ug/l	98
83) tert-Butylbenzene	13.214	119	324900	22.279	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	374071	21.915	ug/l	99
85) sec-Butylbenzene	13.391	105	501287	22.061	ug/l	98
86) p-Isopropyltoluene	13.502	119	409485	22.180	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	210806	22.253	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	206152	21.791	ug/l	100
89) n-Butylbenzene	13.832	91	388568	21.460	ug/l	99
90) Hexachloroethane	14.102	117	82227	22.459	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	182375	22.504	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	12392	19.759	ug/l	90
93) 1,2,4-Trichlorobenzene	15.144	180	120015	24.699	ug/l	98
94) Hexachlorobutadiene	15.249	225	69560	25.657	ug/l	100
95) Naphthalene	15.385	128	202792	23.597	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	105903	25.530	ug/l	97

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Quant Title : SW846 8260
QLast Update : Mon Mar 14 01:23:26 2022
Response via : Initial Calibration

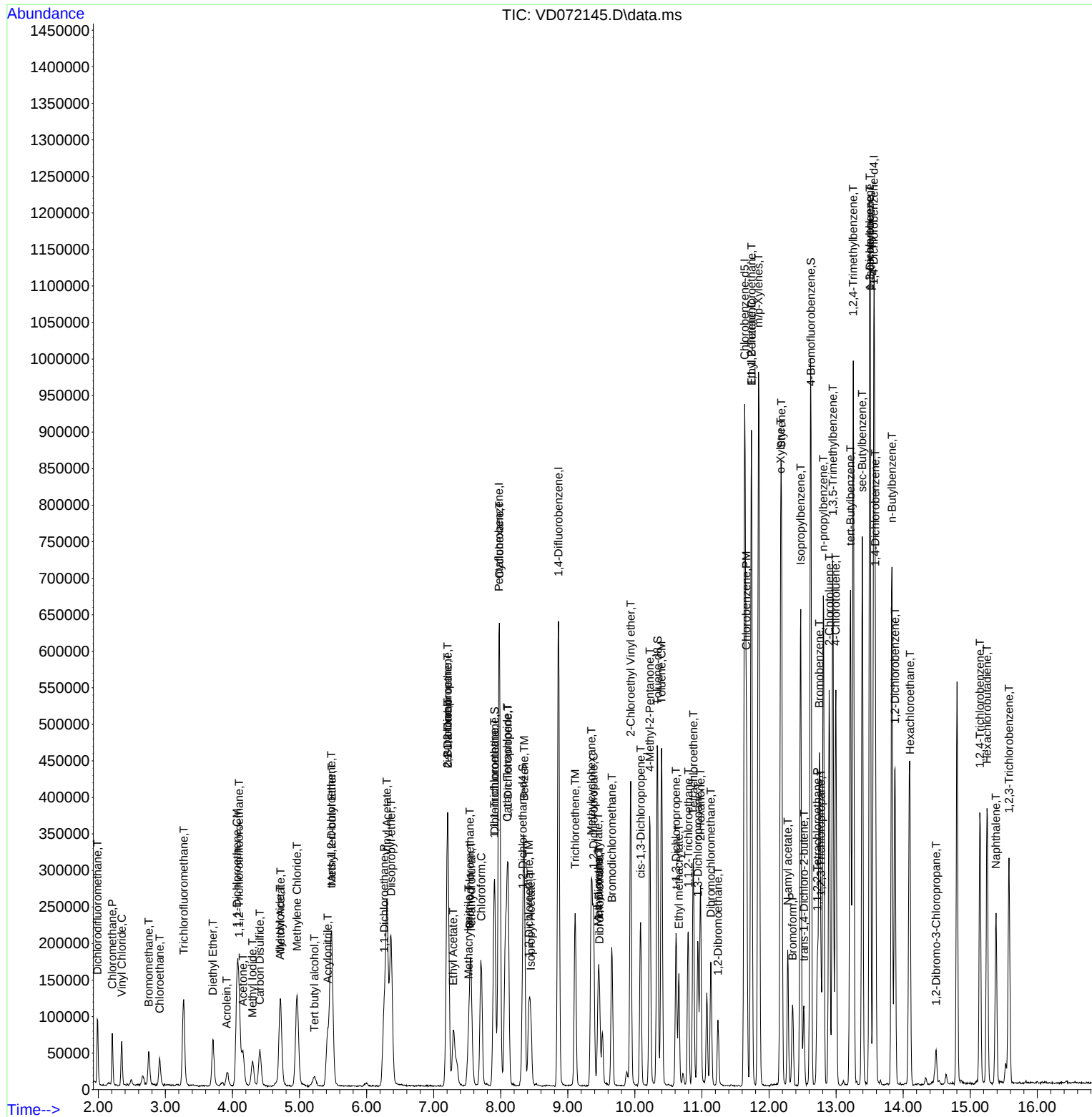
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VD072145.D
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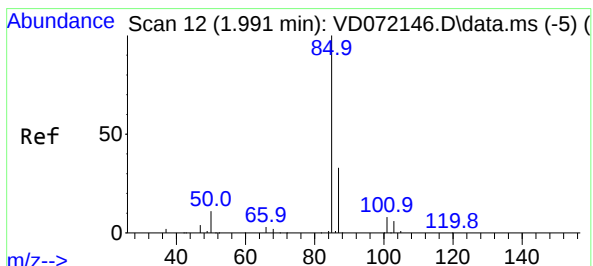
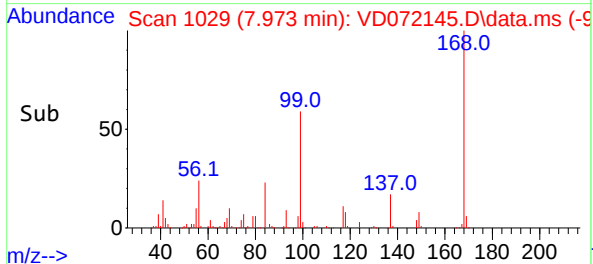
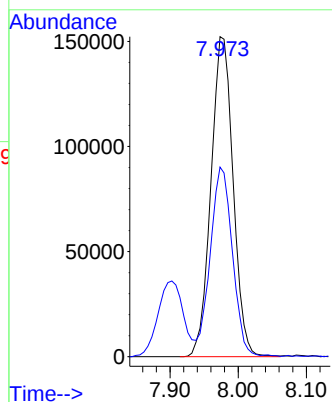
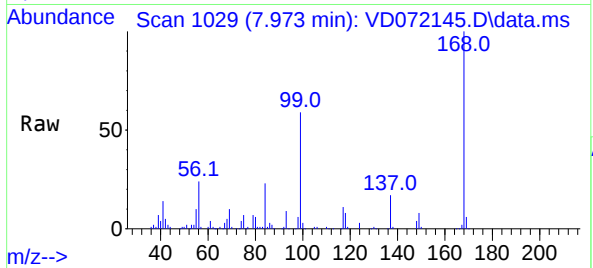




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072145.D
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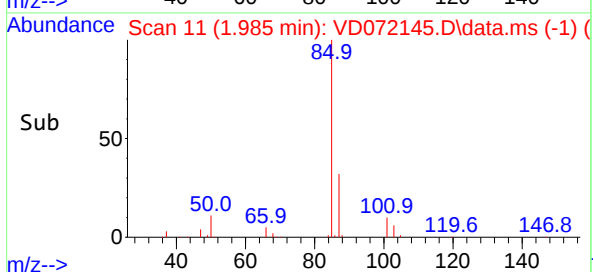
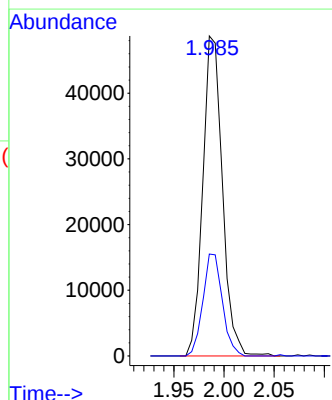
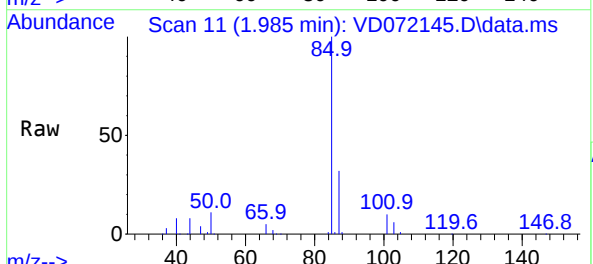
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

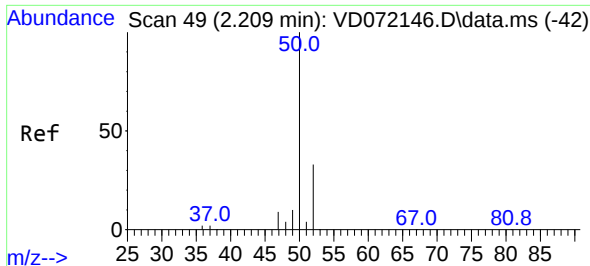
Tgt Ion:168 Resp: 344344
Ion Ratio Lower Upper
168 100
99 59.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 16.556 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 85 Resp: 66351
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0

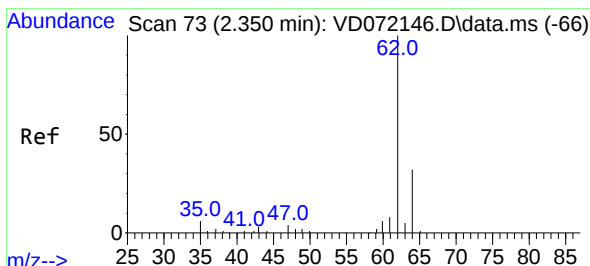
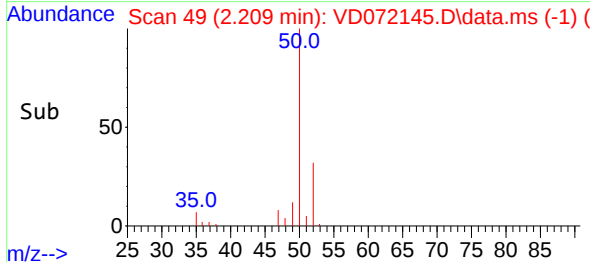
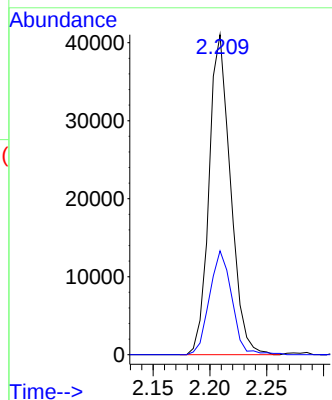
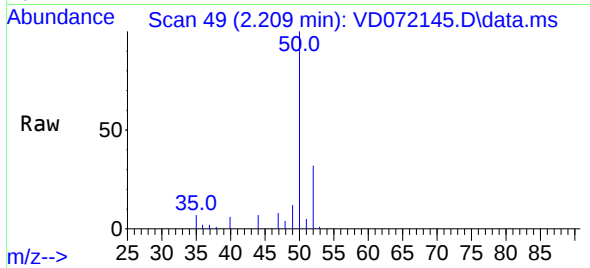




#3
Chloromethane
Concen: 11.624 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

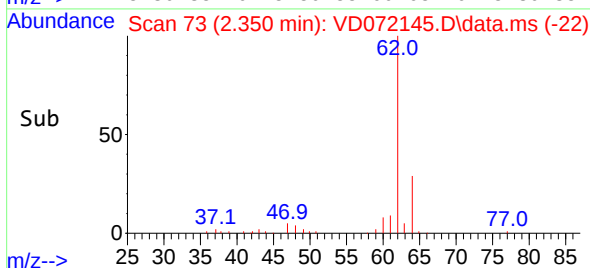
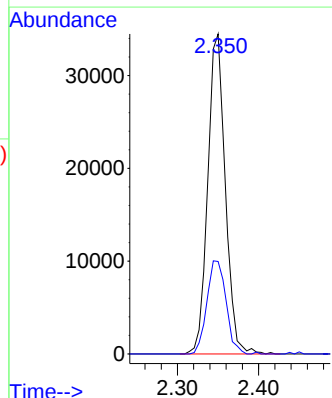
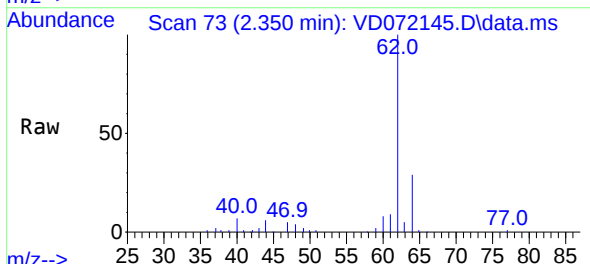
Instrument :
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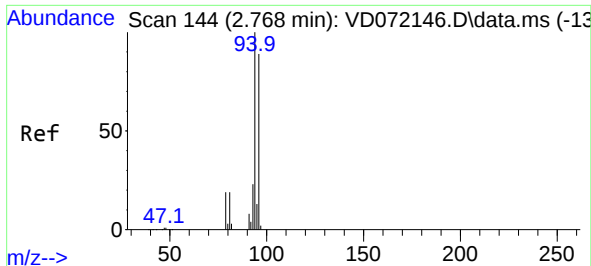
Tgt Ion: 50 Resp: 53880
Ion Ratio Lower Upper
50 100
52 32.5 27.4 41.0



#4
Vinyl Chloride
Concen: 10.736 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 62 Resp: 51630
Ion Ratio Lower Upper
62 100
64 28.9 25.4 38.0

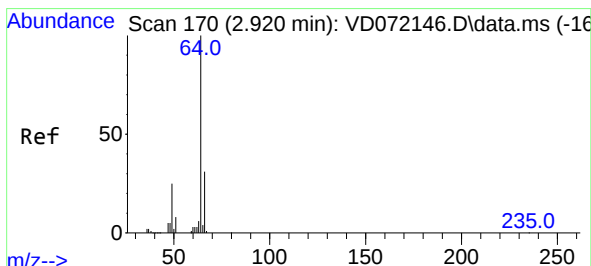
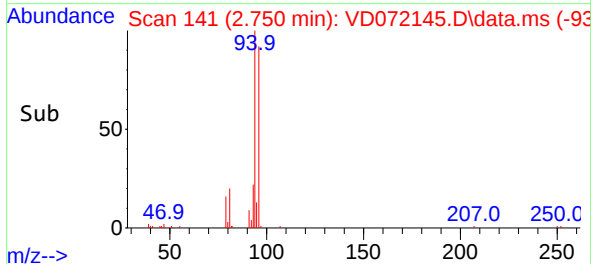
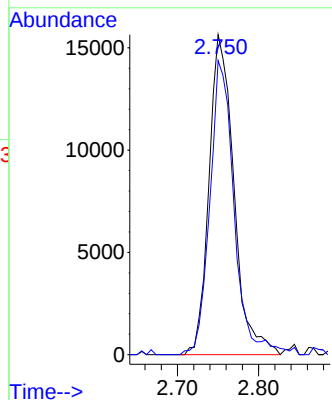
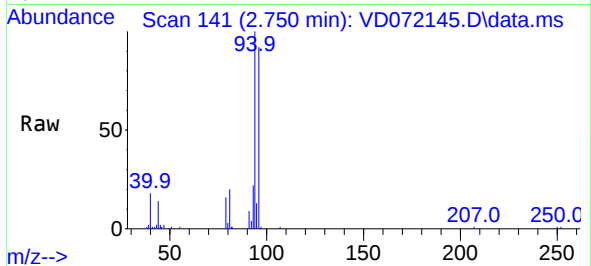




#5
Bromomethane
Concen: 10.510 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

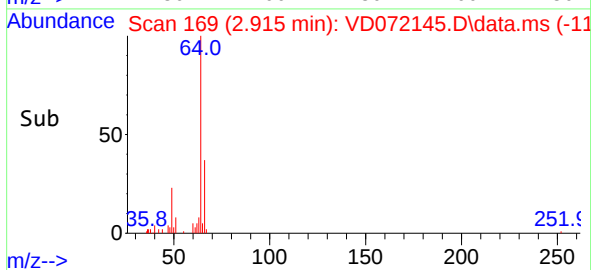
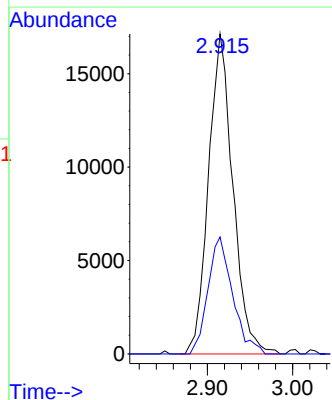
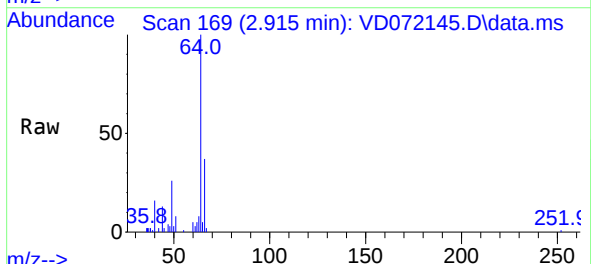
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 33266
Ion Ratio Lower Upper
94 100
96 91.9 77.6 116.4

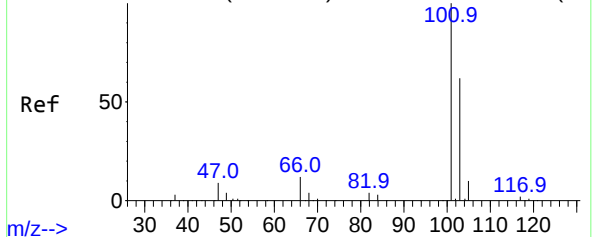


#6
Chloroethane
Concen: 11.181 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

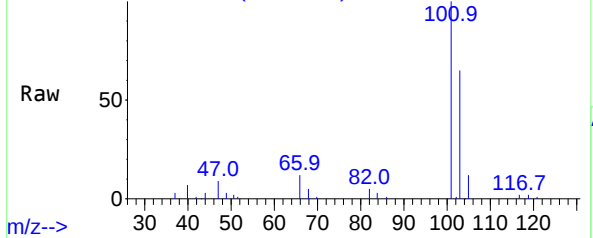
Tgt Ion: 64 Resp: 34086
Ion Ratio Lower Upper
64 100
66 36.5 25.9 38.9



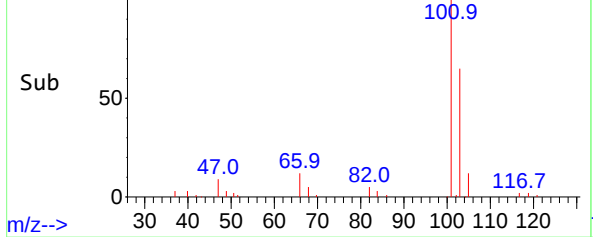
Abundance Scan 230 (3.273 min): VD072146.D\data.ms (-21



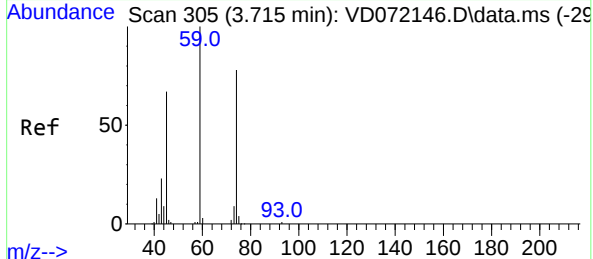
m/z--> Scan 230 (3.274 min): VD072145.D\data.ms



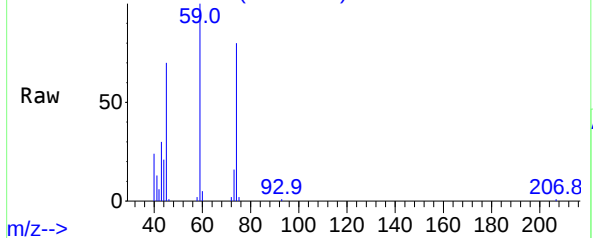
Abundance Scan 230 (3.274 min): VD072145.D\data.ms (-17



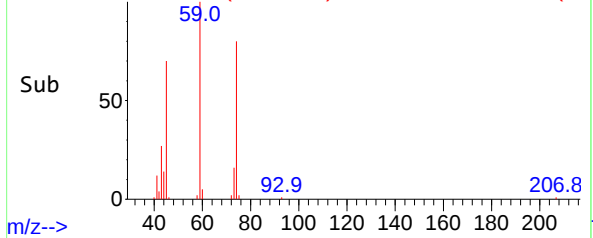
m/z--> Scan 305 (3.715 min): VD072146.D\data.ms (-29



m/z--> Scan 304 (3.709 min): VD072145.D\data.ms



Abundance Scan 304 (3.709 min): VD072145.D\data.ms (-25



m/z--> Scan 230 (3.274 min): VD072145.D\data.ms

#7

Trichlorofluoromethane

Concen: 17.166 ug/l

RT: 3.274 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

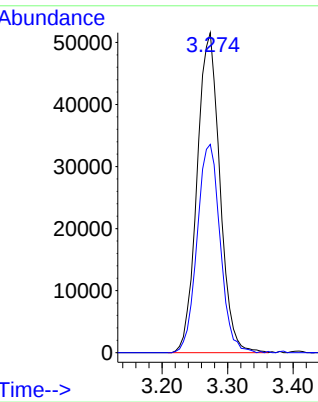
VSTDIC020

Tgt Ion:101 Resp: 124392

Ion Ratio Lower Upper

101 100

103 65.1 50.1 75.1



#8

Diethyl Ether

Concen: 18.037 ug/l

RT: 3.709 min Scan# 304

Delta R.T. -0.006 min

Lab File: VD072145.D

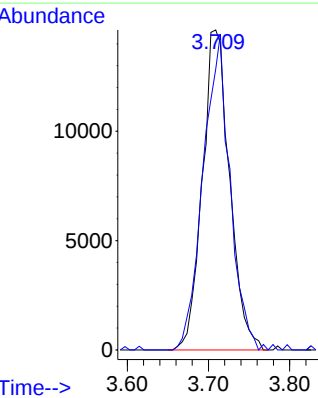
Acq: 11 Mar 2022 11:43

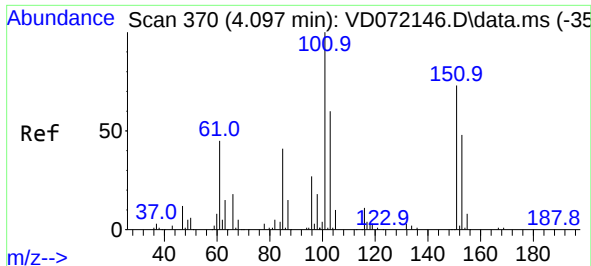
Tgt Ion: 74 Resp: 34139

Ion Ratio Lower Upper

74 100

45 97.4 52.6 157.8



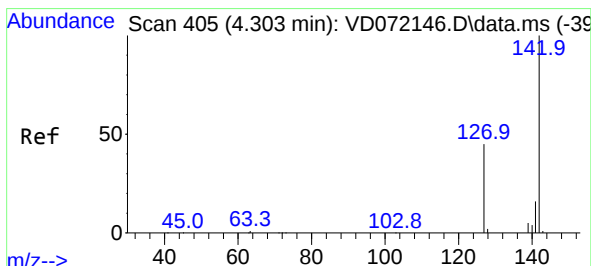
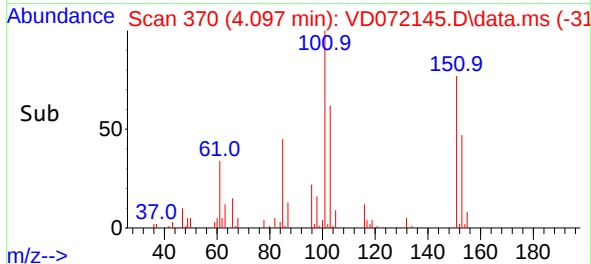
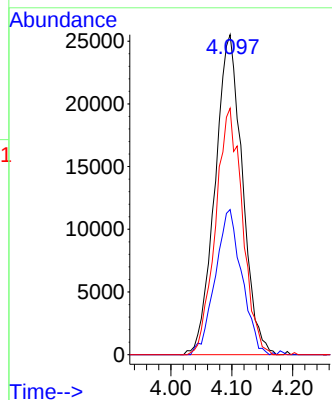
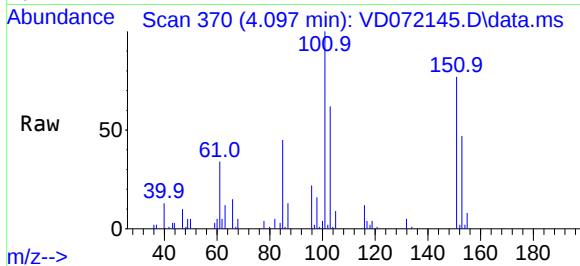


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.179 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 79628

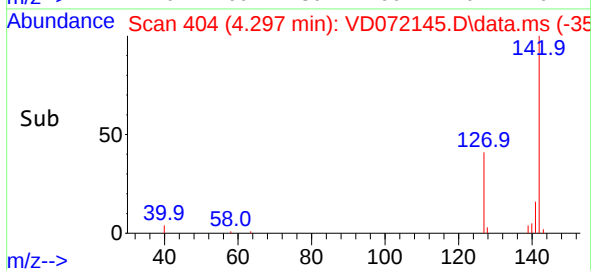
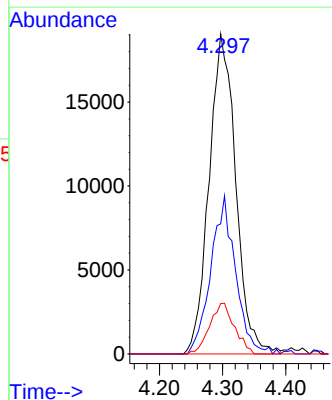
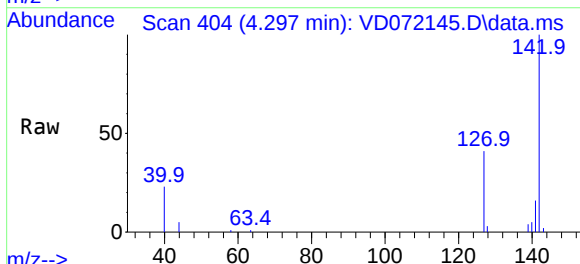
Ion	Ratio	Lower	Upper
101	100		
85	44.2	36.4	54.6
151	75.9	57.3	85.9



#10
Methyl Iodide
Concen: 13.725 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion:142 Resp: 55905

Ion	Ratio	Lower	Upper
142	100		
127	45.9	37.3	55.9
141	14.7	11.7	17.5

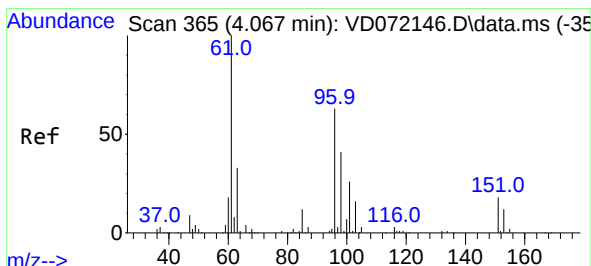
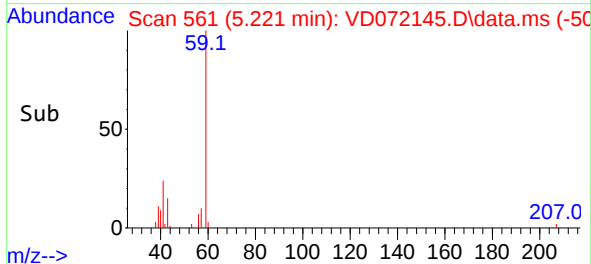
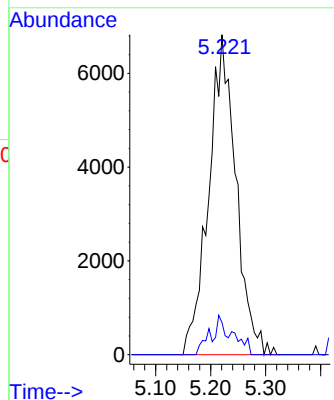
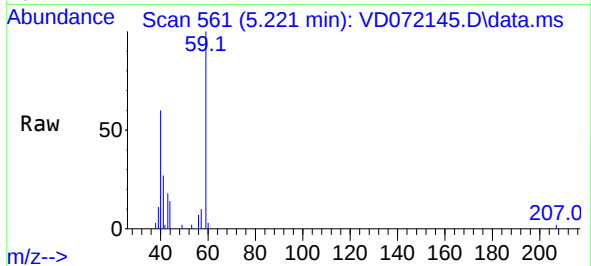




#11
Tert butyl alcohol
Concen: 76.454 ug/l
RT: 5.221 min Scan# 50
Delta R.T. 0.012 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

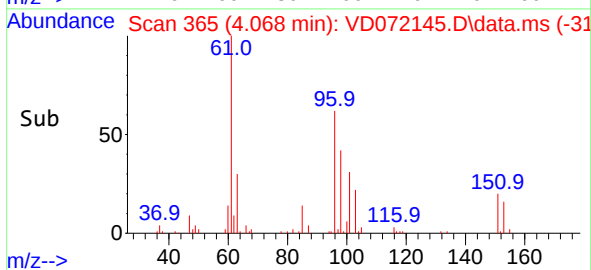
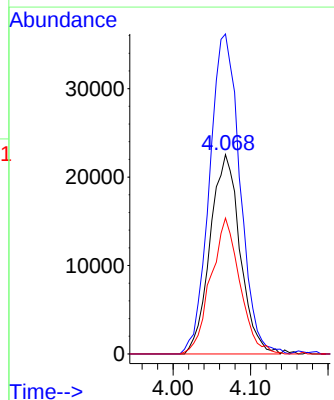
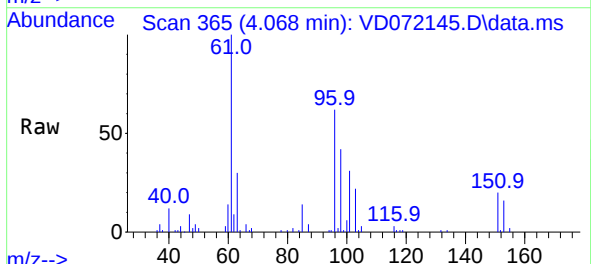
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

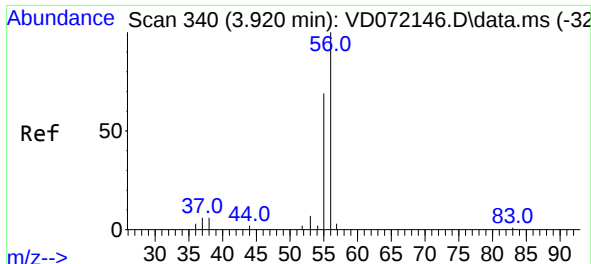
Tgt Ion: 59 Resp: 23508
Ion Ratio Lower Upper
59 100
57 6.4 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 16.269 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 96 Resp: 60438
Ion Ratio Lower Upper
96 100
61 160.4 138.5 207.7
98 68.1 48.6 73.0

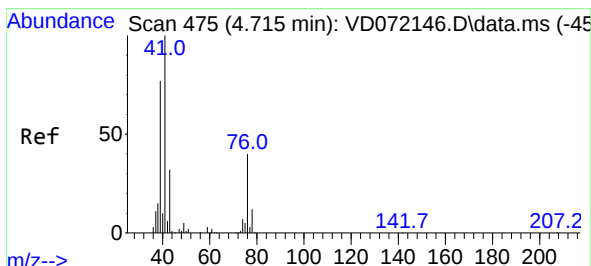
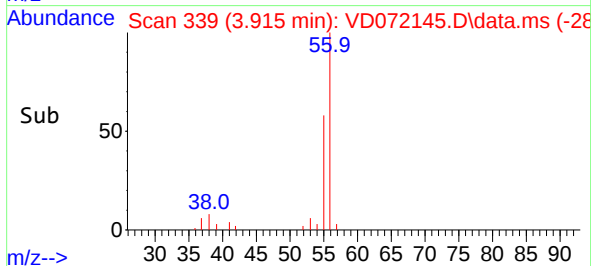
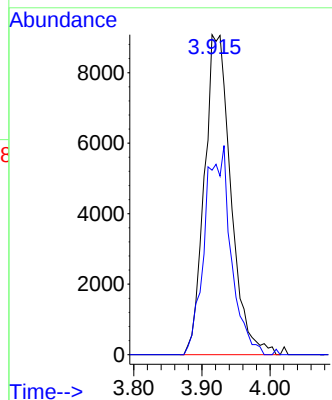
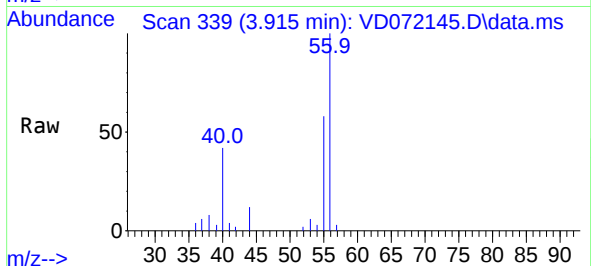




#13
Acrolein
Concen: 68.892 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

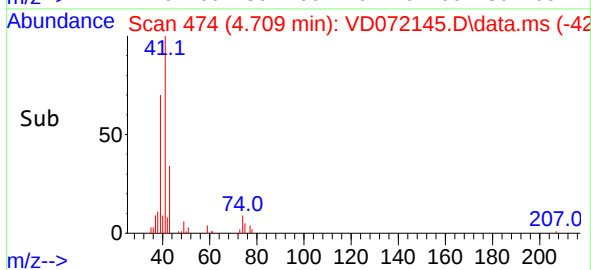
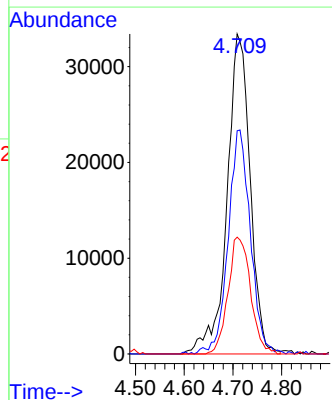
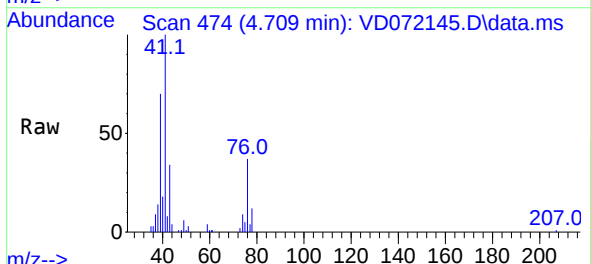
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 24512
Ion Ratio Lower Upper
56 100
55 64.7 57.1 85.7



#14
Allyl chloride
Concen: 15.754 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 41 Resp: 109978
Ion Ratio Lower Upper
41 100
39 67.3 59.3 88.9
76 35.6 25.7 38.5

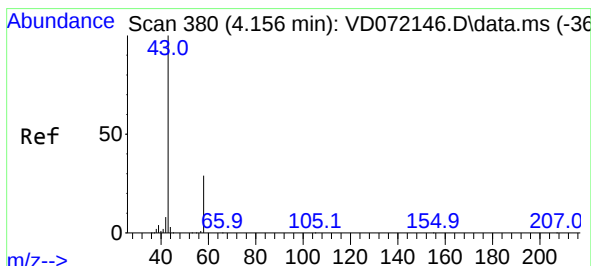
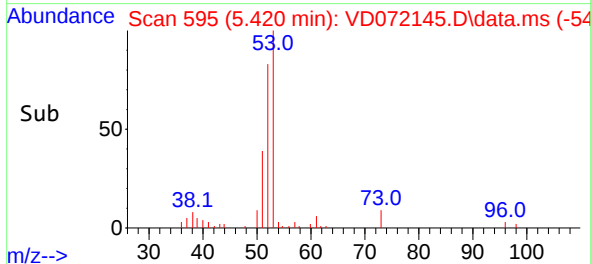
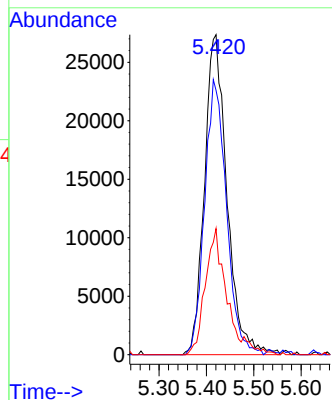
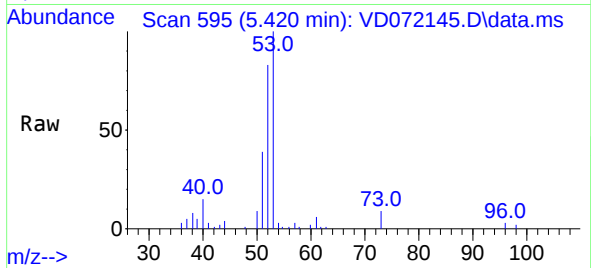




#15
Acrylonitrile
Concen: 94.997 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

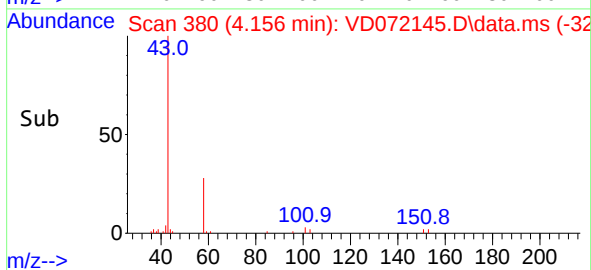
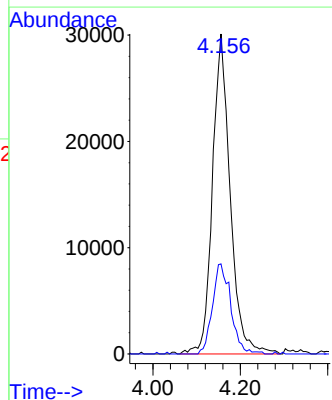
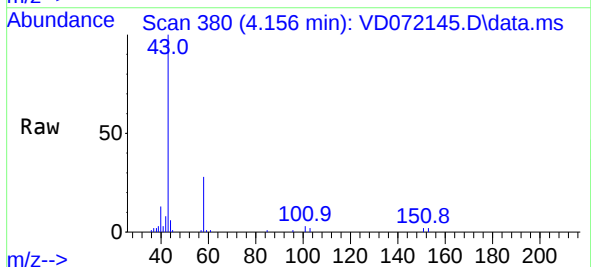
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 90370
Ion Ratio Lower Upper
53 100
52 83.5 67.2 100.8
51 35.1 30.3 45.5



#16
Acetone
Concen: 76.063 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 43 Resp: 84586
Ion Ratio Lower Upper
43 100
58 28.1 22.1 33.1

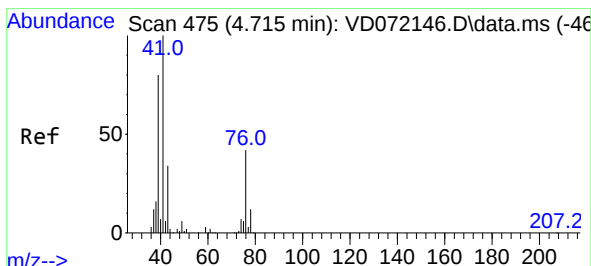
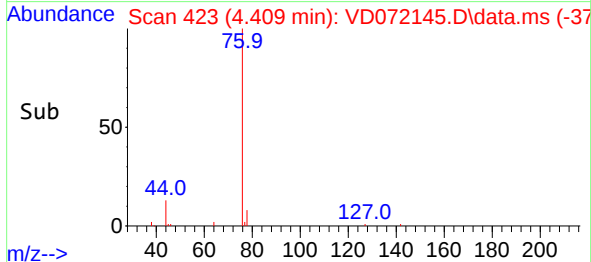
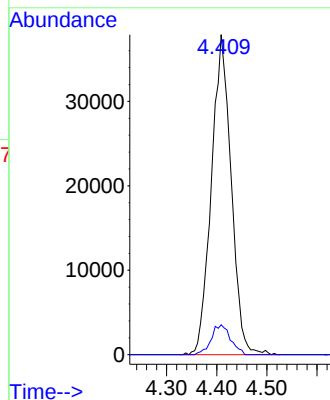
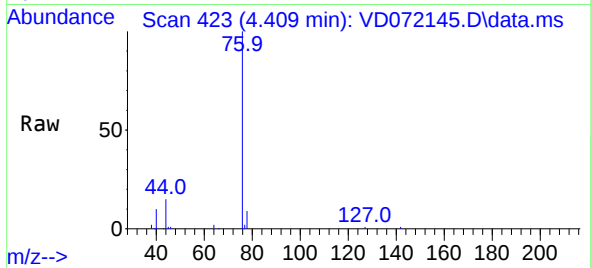




#17
Carbon Disulfide
Concen: 8.381 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

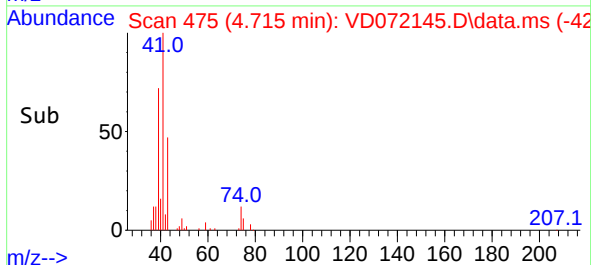
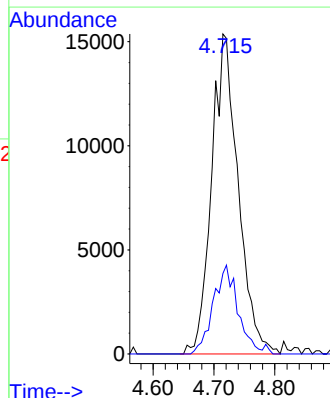
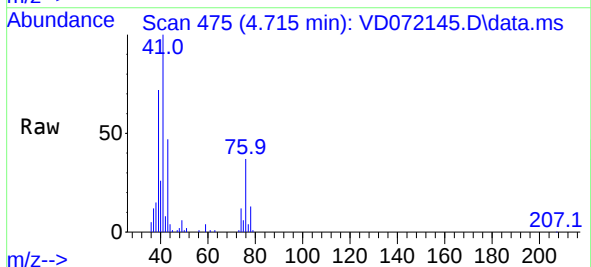
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

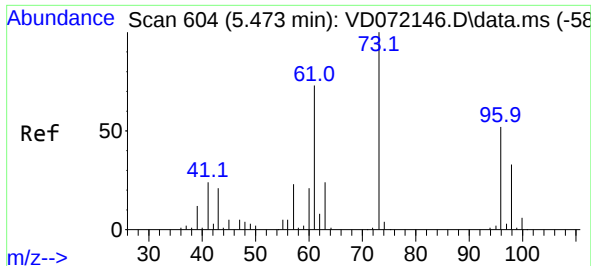
Tgt Ion: 76 Resp: 103775
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 18.926 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 43 Resp: 46511
Ion Ratio Lower Upper
43 100
74 25.7 16.7 25.1#

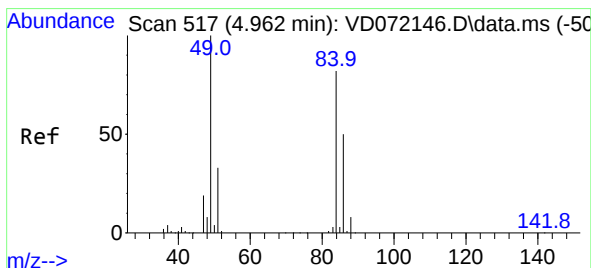
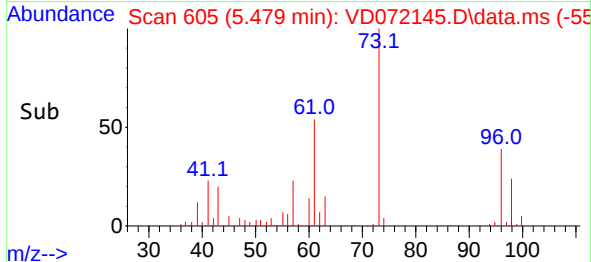
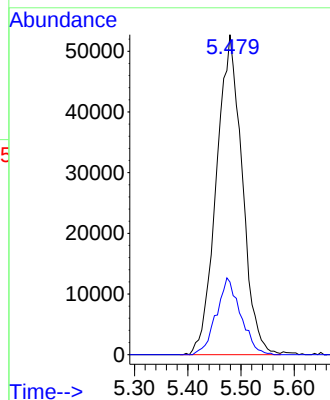
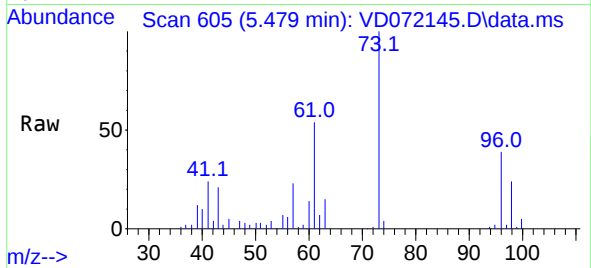




#19
Methyl tert-butyl Ether
Concen: 19.913 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

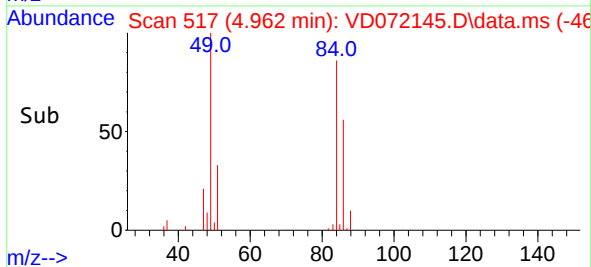
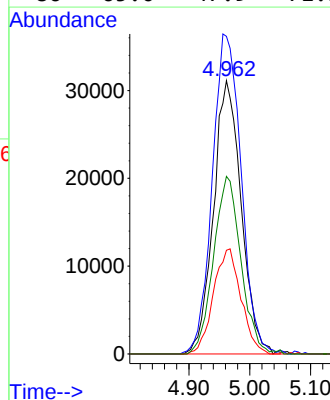
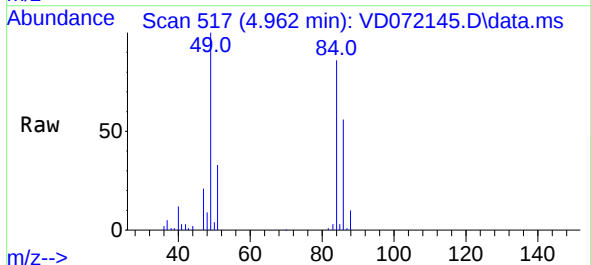
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

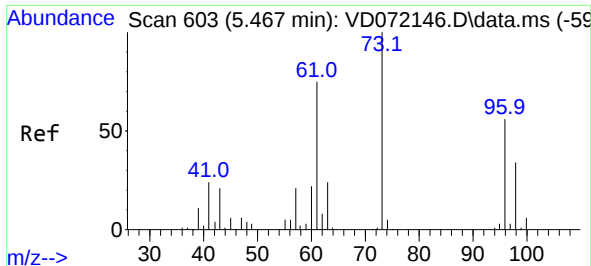
Tgt Ion: 73 Resp: 177324
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0



#20
Methylene Chloride
Concen: 20.097 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 84 Resp: 98381
Ion Ratio Lower Upper
84 100
49 116.2 112.8 169.2
51 37.9 32.6 48.8
86 65.0 47.9 71.9

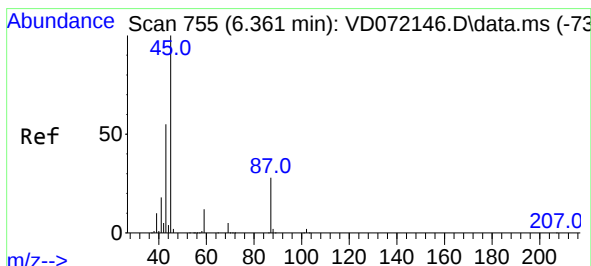
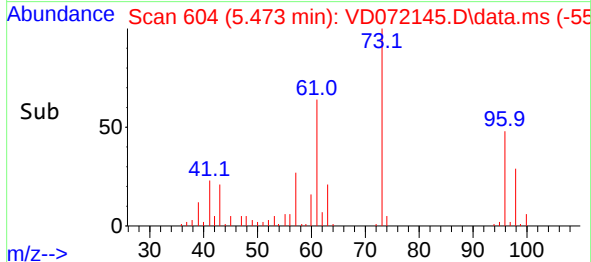
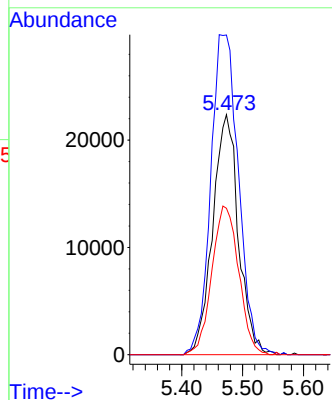
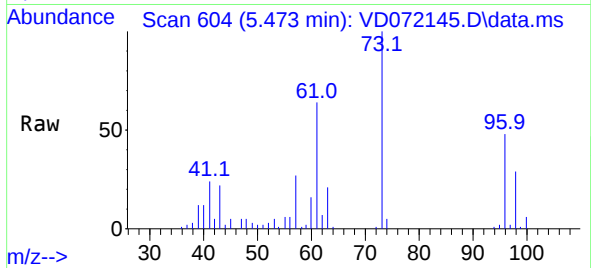




#21
trans-1,2-Dichloroethene
Concen: 15.248 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

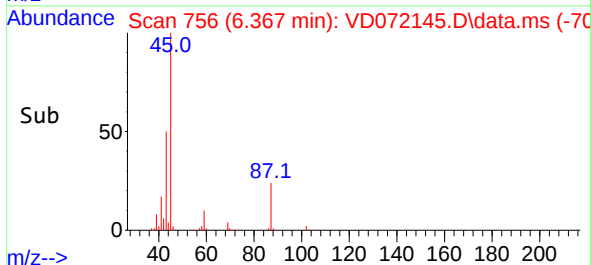
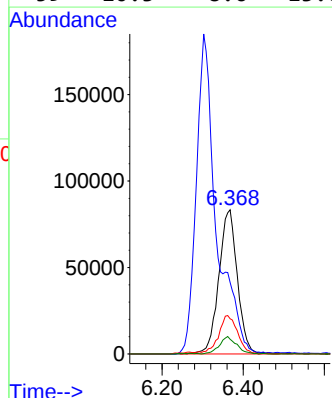
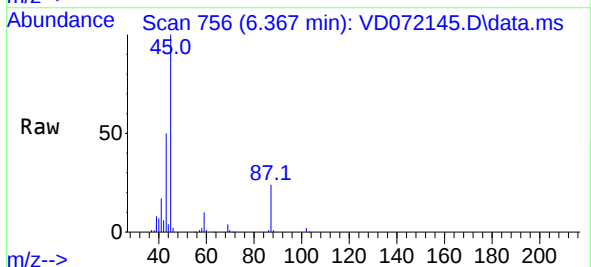
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

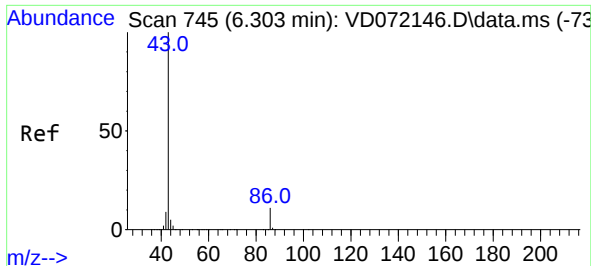
Tgt Ion: 96 Resp: 65756
Ion Ratio Lower Upper
96 100
61 133.2 117.9 176.9
98 61.0 49.4 74.2



#22
Diisopropyl ether
Concen: 19.241 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 45 Resp: 265138
Ion Ratio Lower Upper
45 100
43 48.9 46.6 70.0
87 24.2 18.4 27.6
59 10.3 8.6 13.0

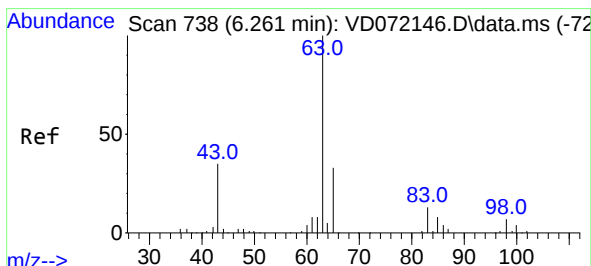
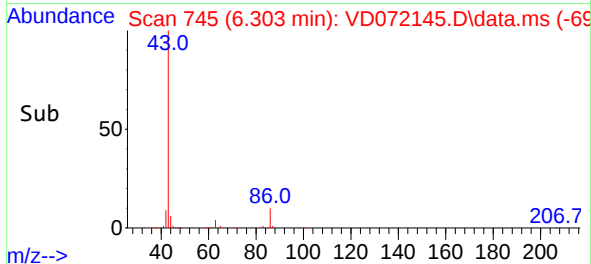
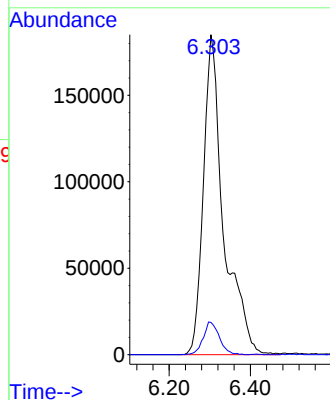
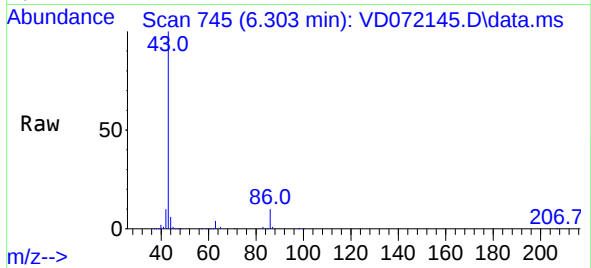




#23
 Vinyl Acetate
 Concen: 85.208 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072145.D
 Acq: 11 Mar 2022 11:43

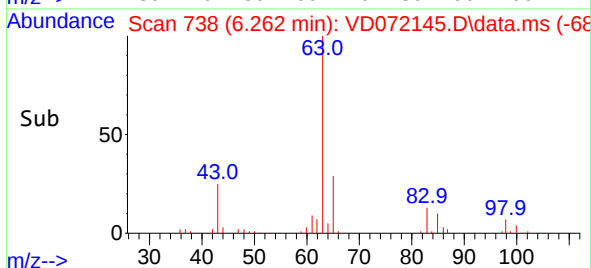
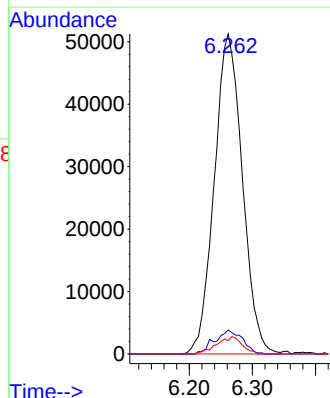
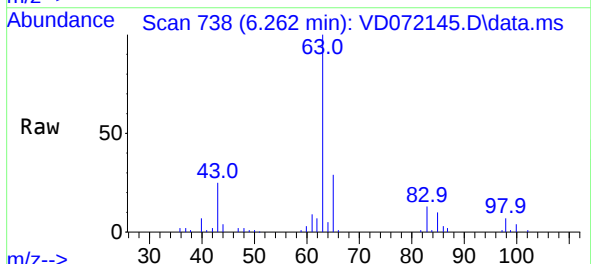
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

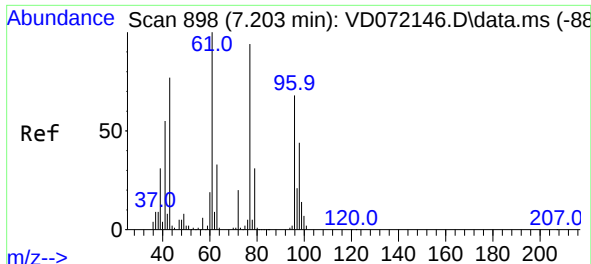
Tgt Ion: 43 Resp: 638699
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.457 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072145.D
 Acq: 11 Mar 2022 11:43

Tgt Ion: 63 Resp: 157942
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 4.2 2.1 6.5

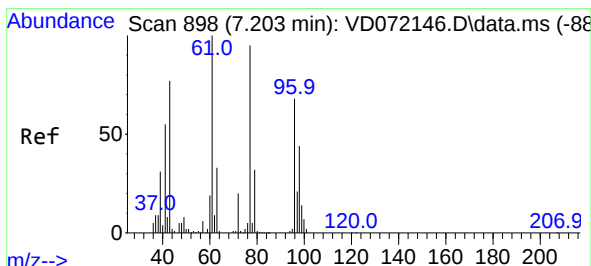
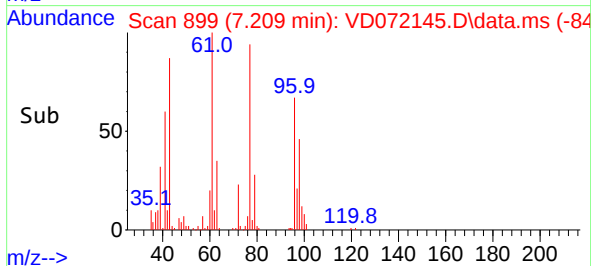
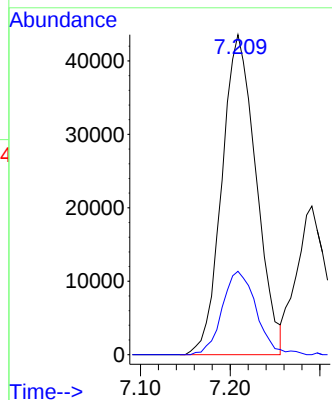
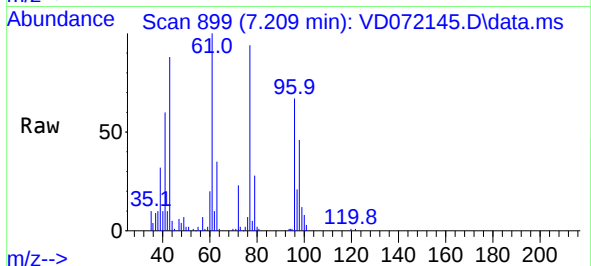




#25
2-Butanone
Concen: 87.750 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

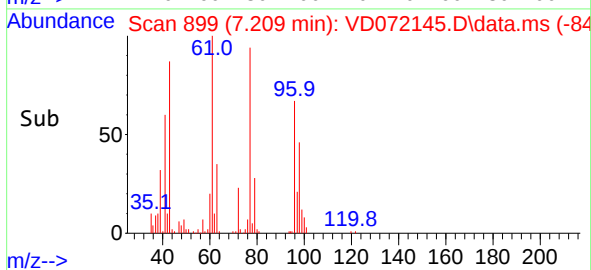
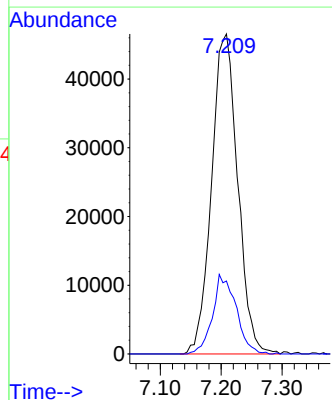
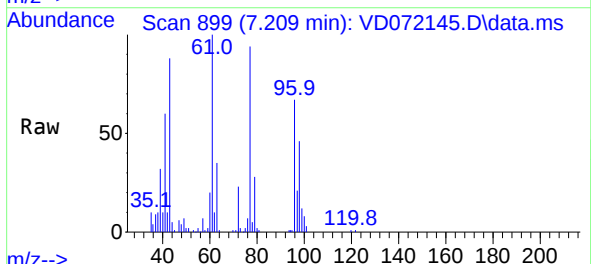
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

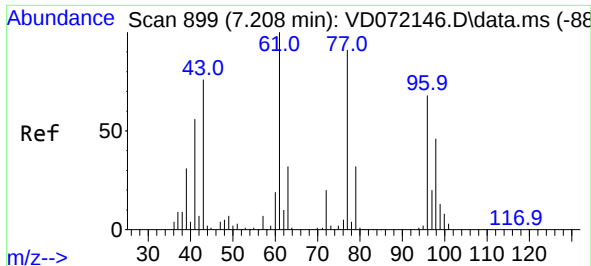
Tgt Ion: 43 Resp: 115547
Ion Ratio Lower Upper
43 100
72 26.1 18.6 27.8



#26
2,2-Dichloropropane
Concen: 20.305 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 77 Resp: 138786
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.4

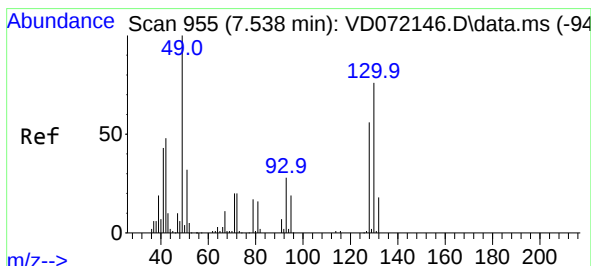
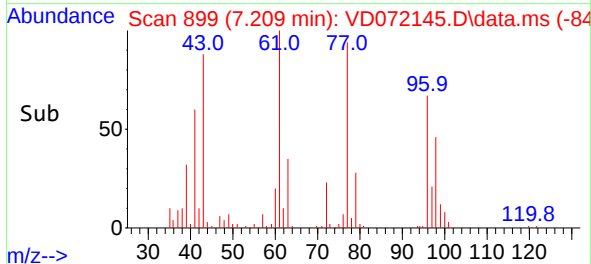
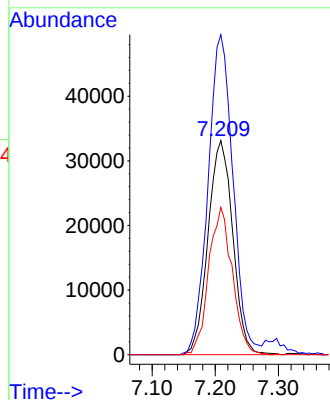
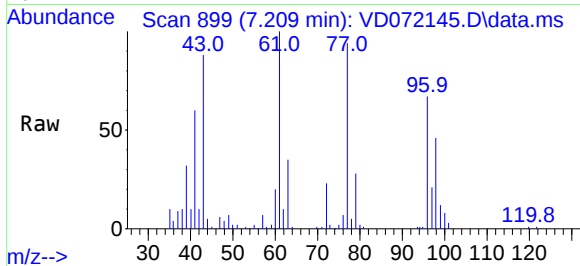




#27
cis-1,2-Dichloroethene
Concen: 19.178 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

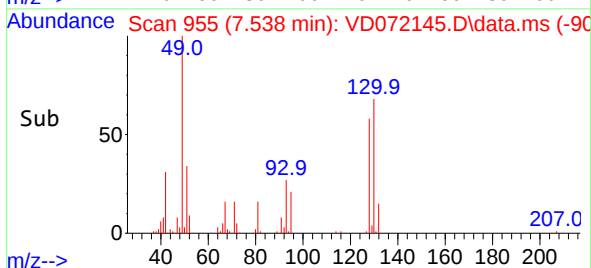
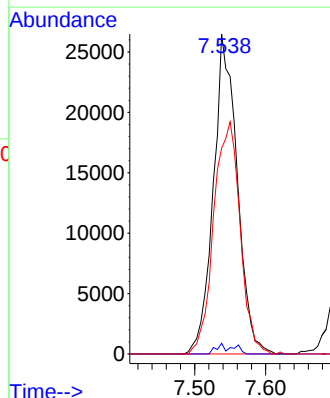
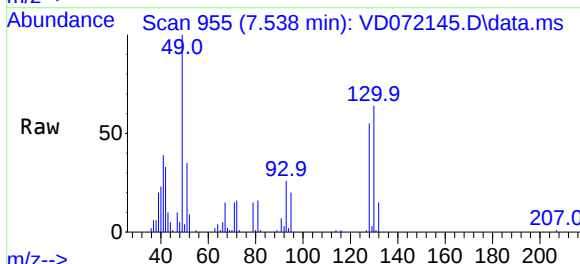
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

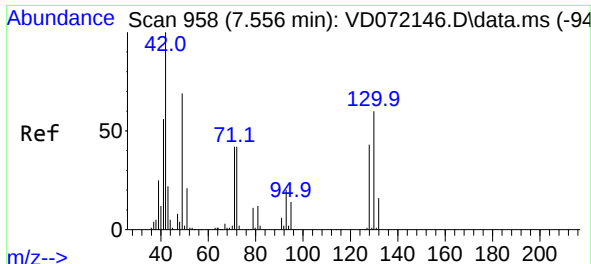
Tgt Ion:	96	Resp:	90272
Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	313.8
98	65.6	0.0	128.8



#28
Bromochloromethane
Concen: 19.970 ug/l
RT: 7.538 min Scan# 955
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion:	49	Resp:	61607
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.0
130	0.0	52.6	79.0#





#29

Tetrahydrofuran

Concen: 83.062 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

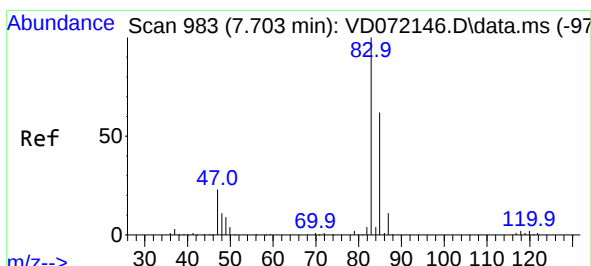
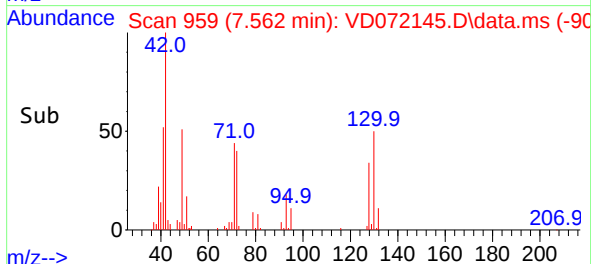
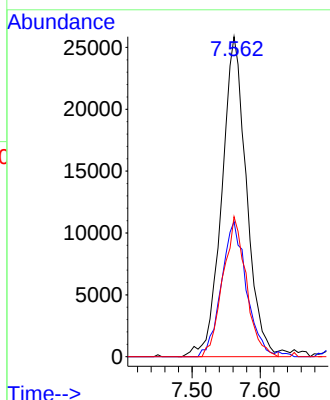
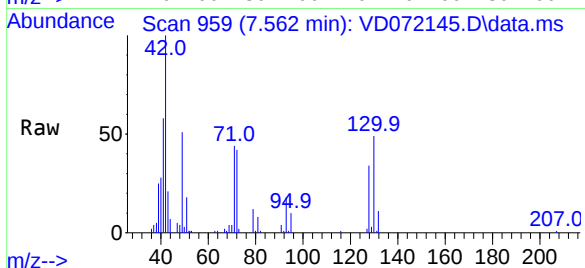
Tgt Ion: 42 Resp: 65081

Ion Ratio Lower Upper

42 100

72 42.9 30.7 46.1

71 41.4 28.6 43.0



#30

Chloroform

Concen: 19.809 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.006 min

Lab File: VD072145.D

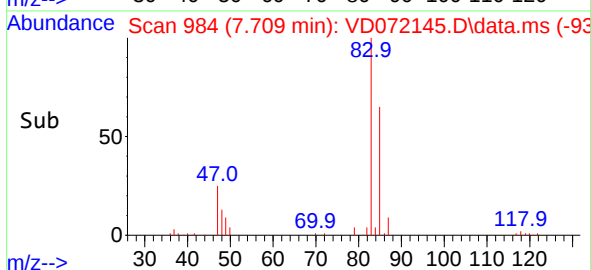
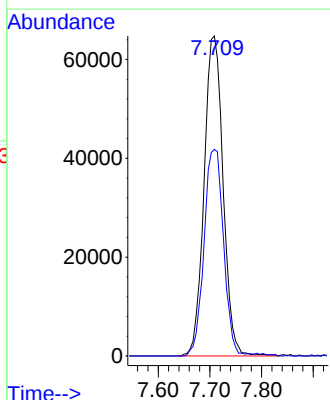
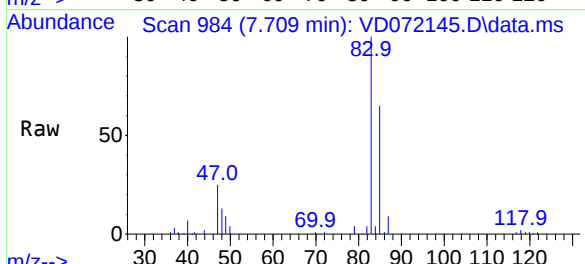
Acq: 11 Mar 2022 11:43

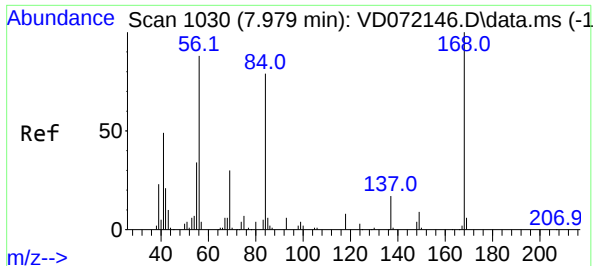
Tgt Ion: 83 Resp: 165533

Ion Ratio Lower Upper

83 100

85 64.6 52.7 79.1





#31

Cyclohexane

Concen: 13.614 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

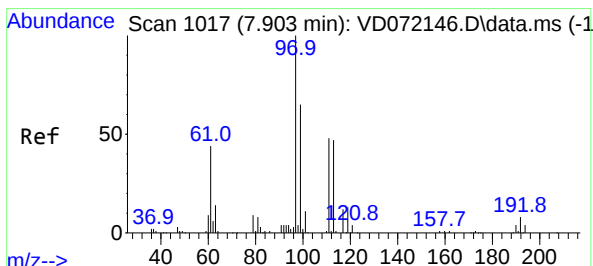
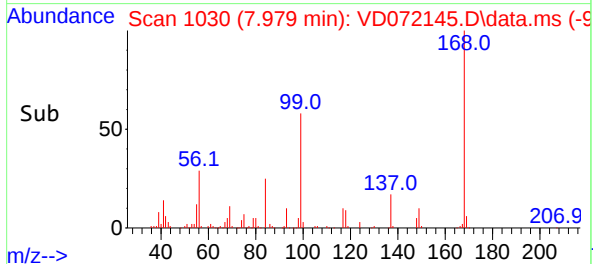
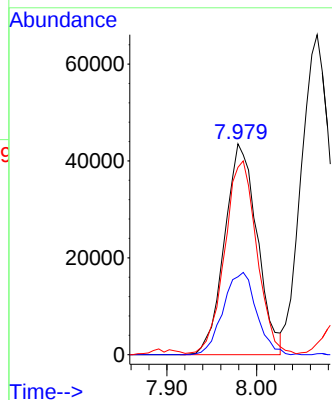
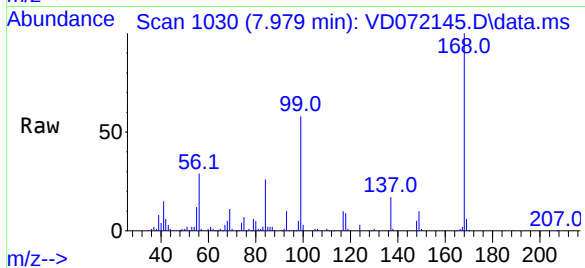
Tgt Ion: 56 Resp: 109928

Ion Ratio Lower Upper

56 100

69 36.9 25.4 38.2

84 87.5 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 19.698 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

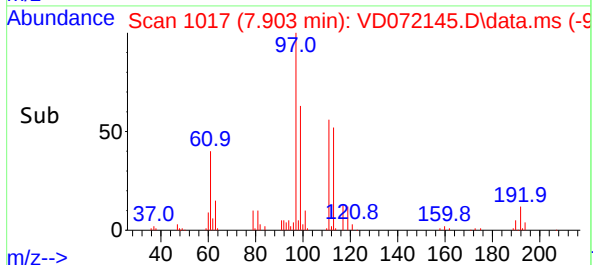
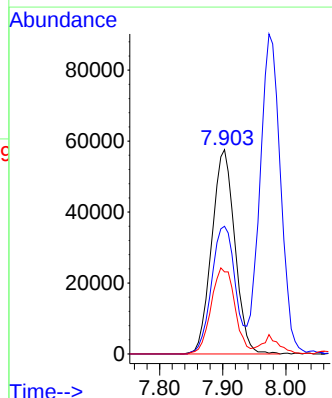
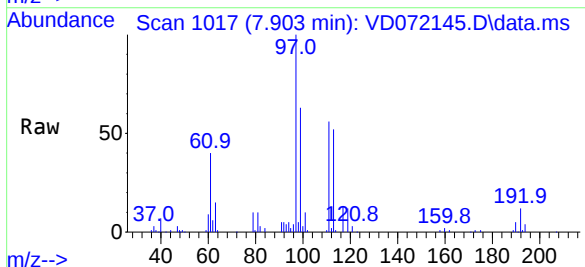
Tgt Ion: 97 Resp: 146215

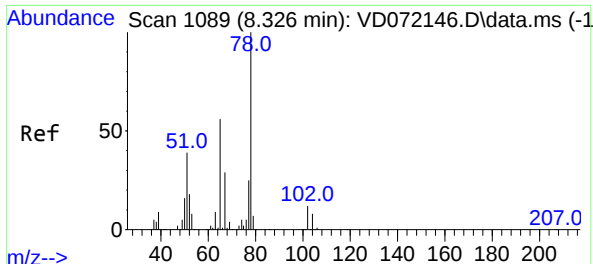
Ion Ratio Lower Upper

97 100

99 65.1 52.4 78.6

61 43.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 20.837 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

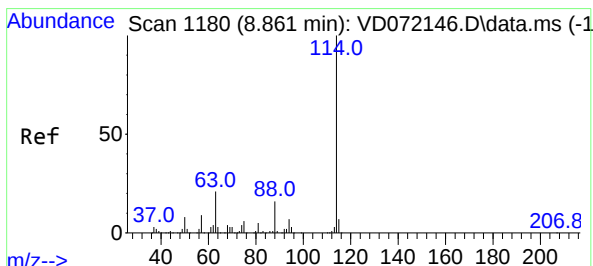
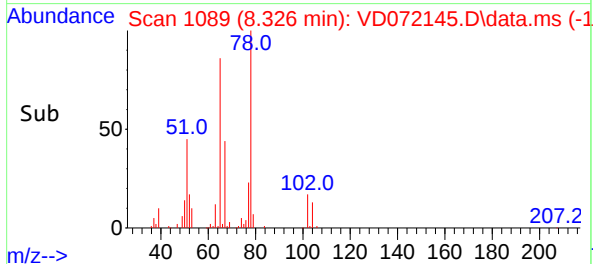
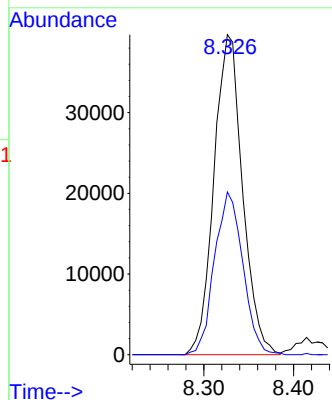
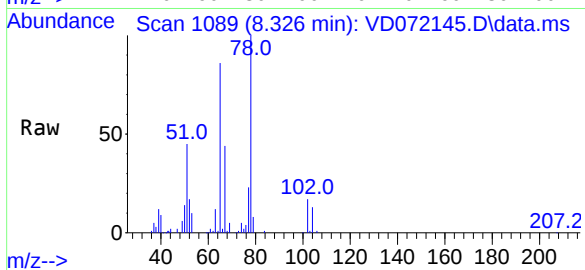
VSTDIC020

Tgt Ion: 65 Resp: 87760

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

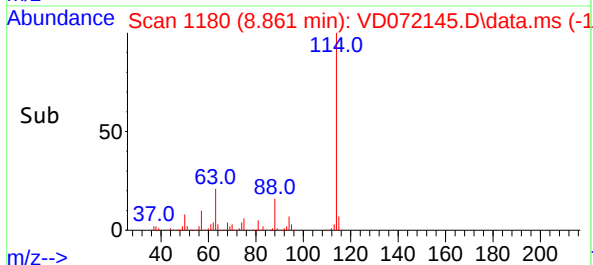
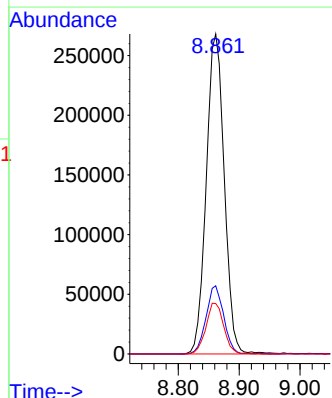
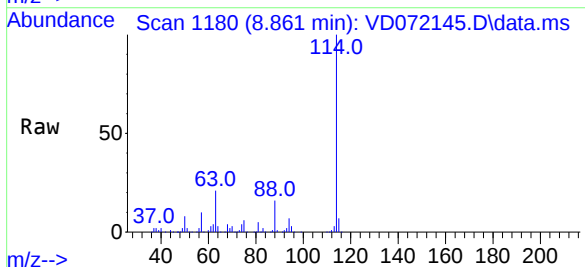
Tgt Ion: 114 Resp: 550020

Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 15.8 0.0 33.2

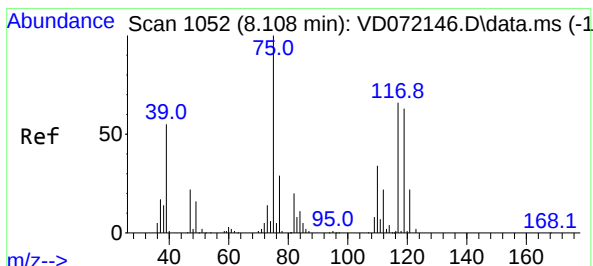
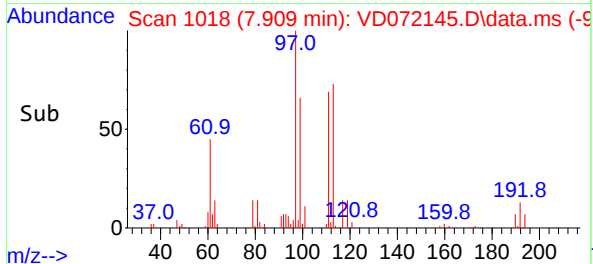
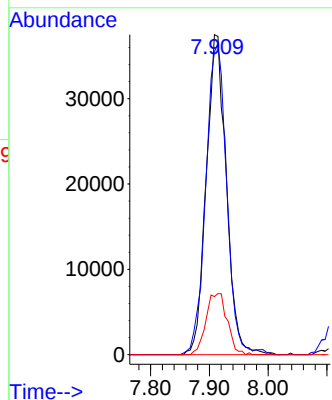
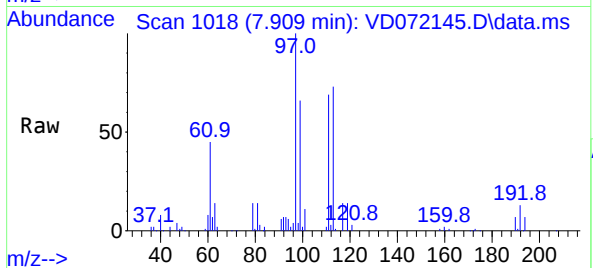




#35
Dibromofluoromethane
Concen: 24.676 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

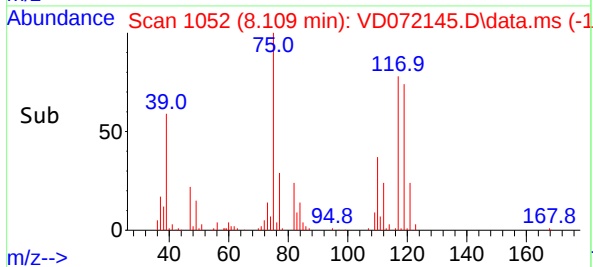
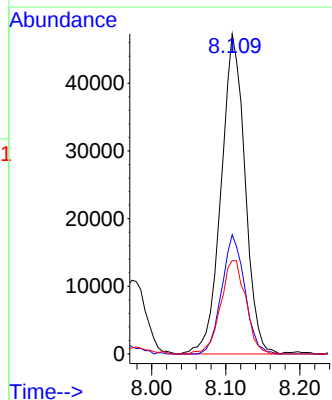
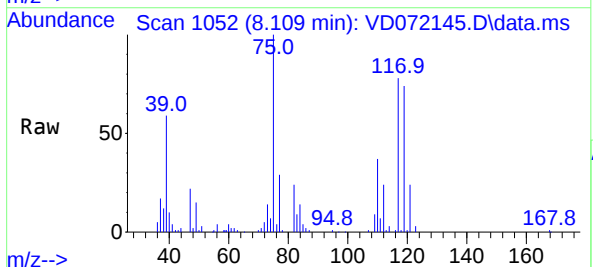
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

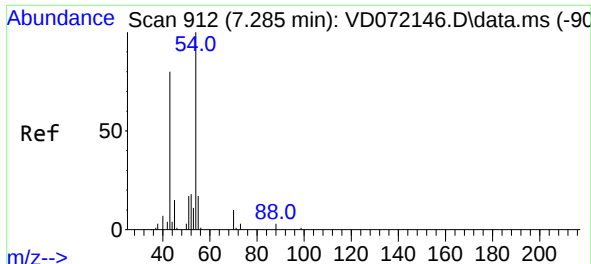
Tgt Ion:113 Resp: 88979
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 20.2 14.6 21.8



#36
1,1-Dichloropropene
Concen: 17.196 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 75 Resp: 105553
Ion Ratio Lower Upper
75 100
110 35.9 16.4 49.1
77 30.8 24.2 36.2

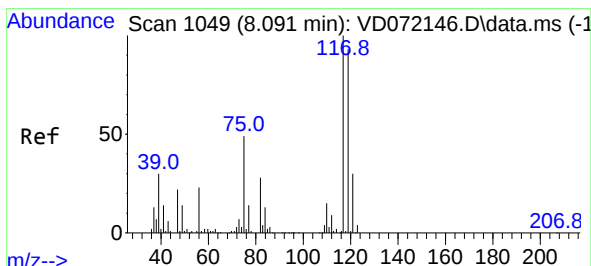
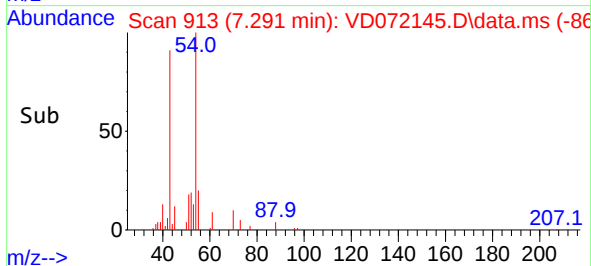
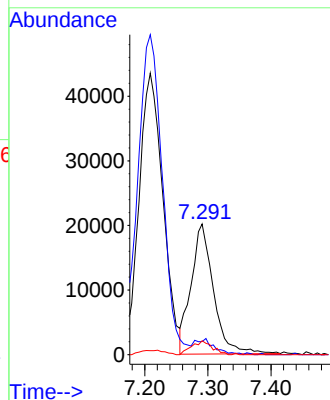
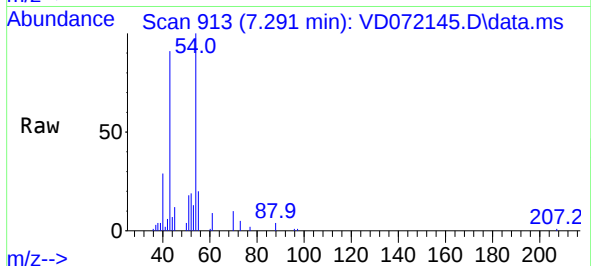




#37
Ethyl Acetate
Concen: 17.924 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

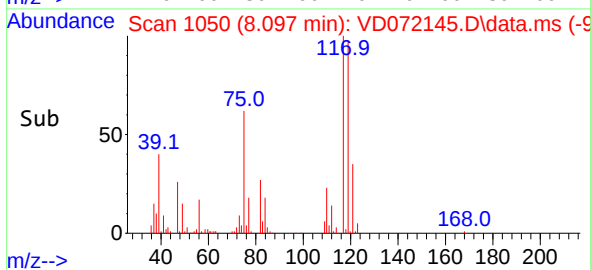
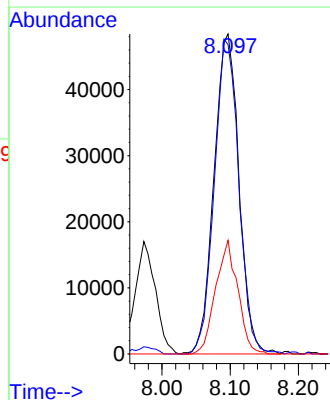
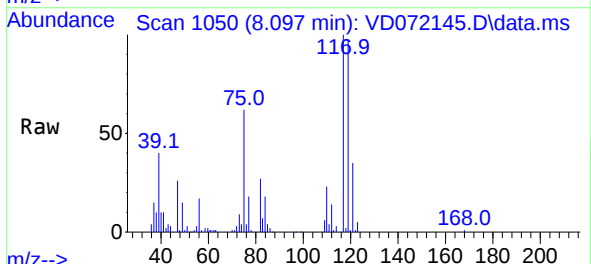
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

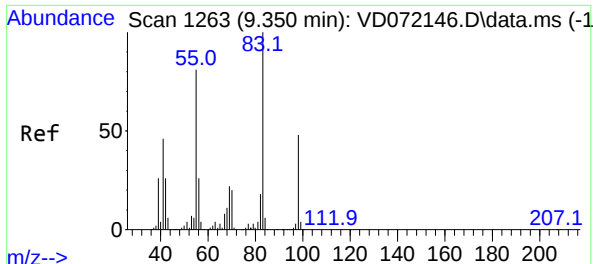
Tgt Ion: 43 Resp: 49727
Ion Ratio Lower Upper
43 100
61 10.5 9.8 14.8
70 9.8 6.9 10.3



#38
Carbon Tetrachloride
Concen: 19.967 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 117 Resp: 123315
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.6
121 35.5 24.5 36.7





#39

Methylcyclohexane

Concen: 15.858 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

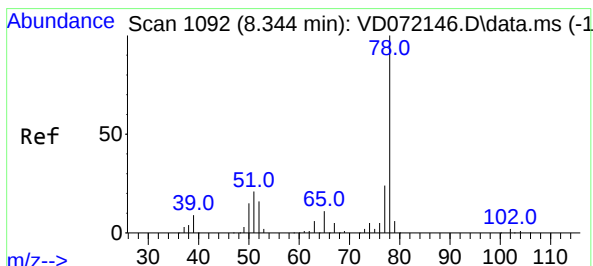
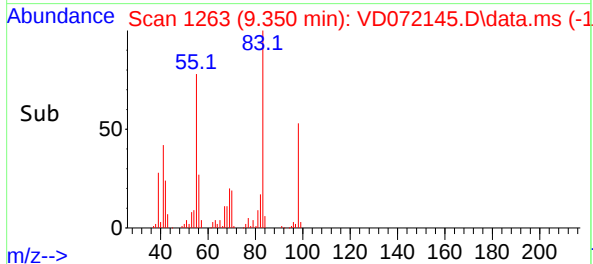
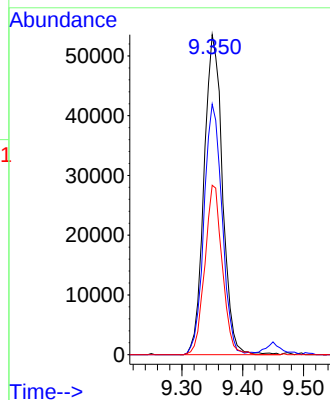
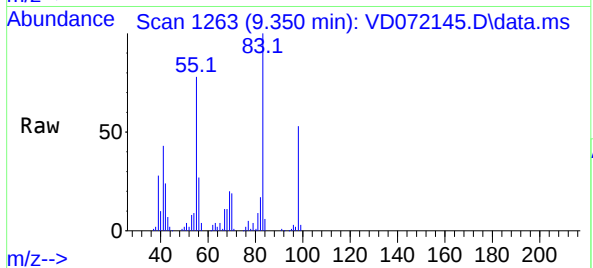
Tgt Ion: 83 Resp: 112660

Ion Ratio Lower Upper

83 100

55 78.3 63.2 94.8

98 53.0 38.2 57.4



#40

Benzene

Concen: 18.474 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072145.D

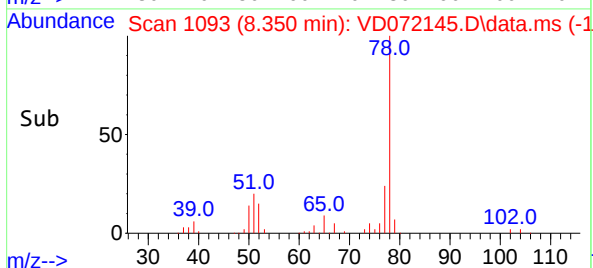
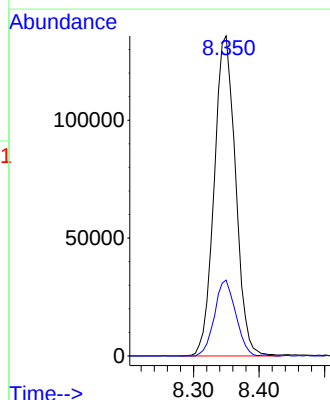
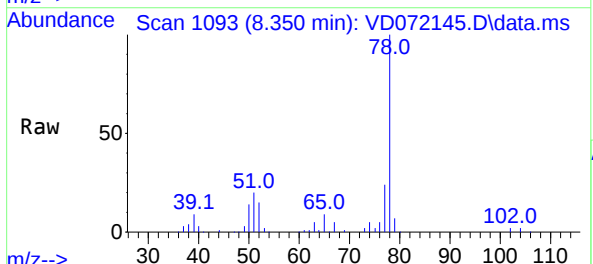
Acq: 11 Mar 2022 11:43

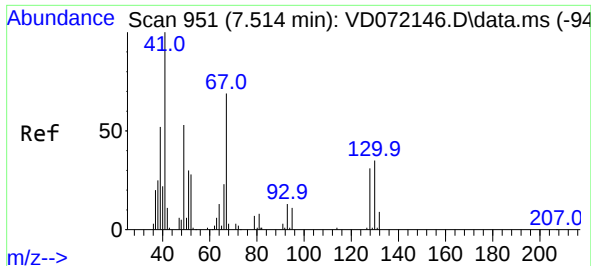
Tgt Ion: 78 Resp: 306888

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7

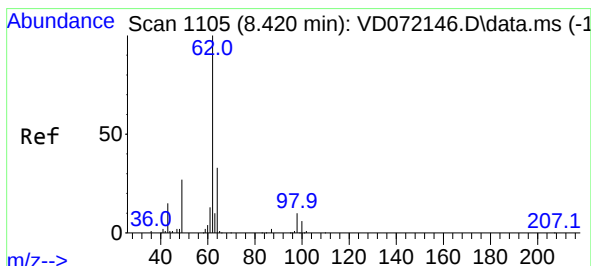
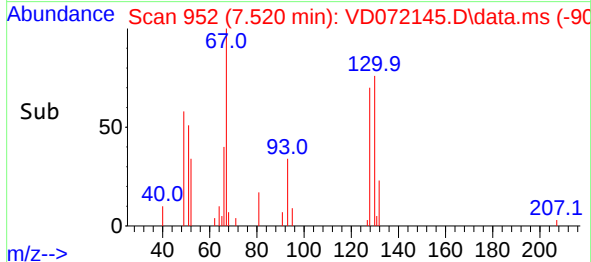
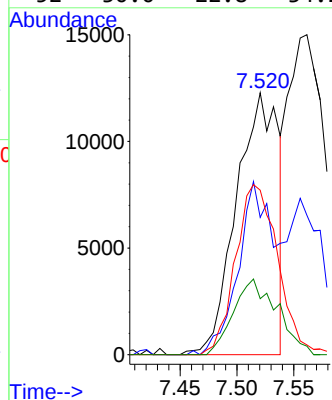
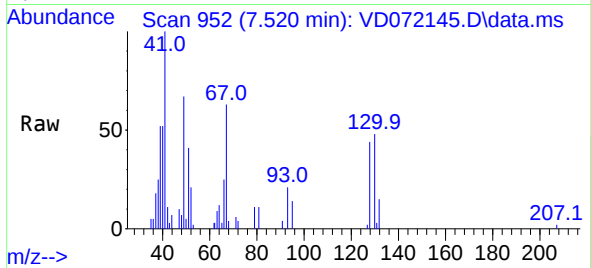




#41
Methacrylonitrile
Concen: 20.229 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

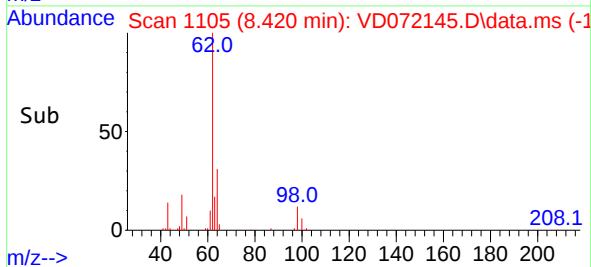
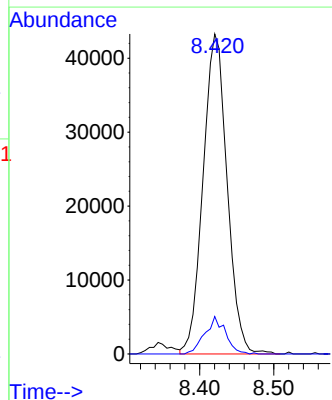
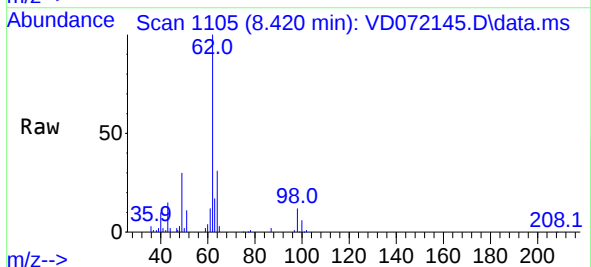
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 31548
Ion Ratio Lower Upper
41 100
39 56.0 44.6 67.0
67 65.5 48.2 72.4
52 30.0 22.8 34.2



#42
1,2-Dichloroethane
Concen: 18.897 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 62 Resp: 97530
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.6

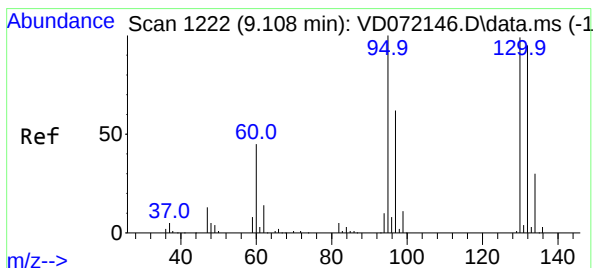
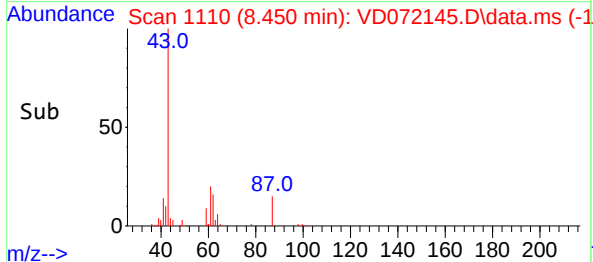
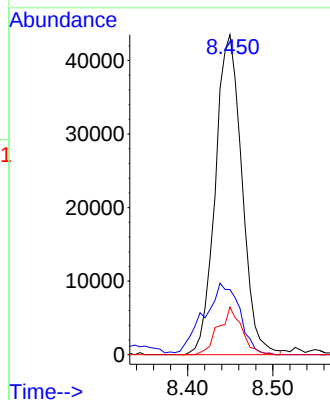
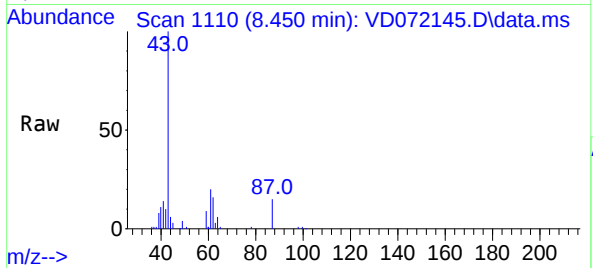




#43
Isopropyl Acetate
Concen: 18.833 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

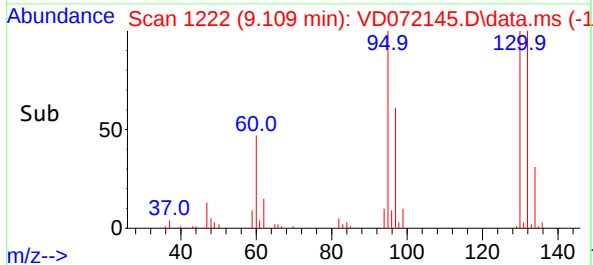
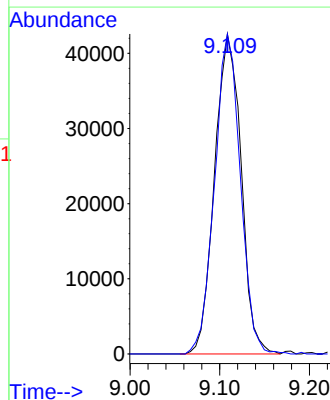
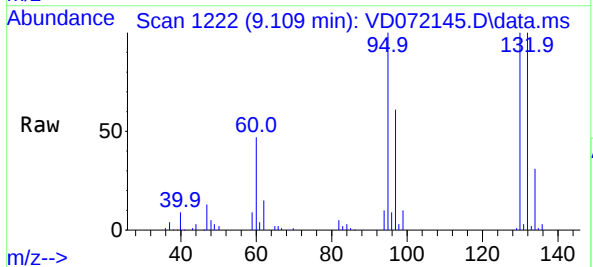
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

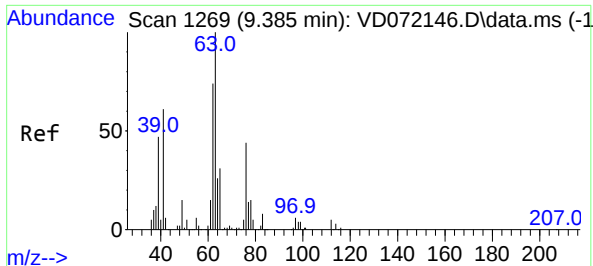
Tgt Ion: 43 Resp: 94385
Ion Ratio Lower Upper
43 100
61 30.2 22.4 33.6
87 13.0 8.7 13.1



#44
Trichloroethene
Concen: 19.973 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 130 Resp: 87286
Ion Ratio Lower Upper
130 100
95 100.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.560 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

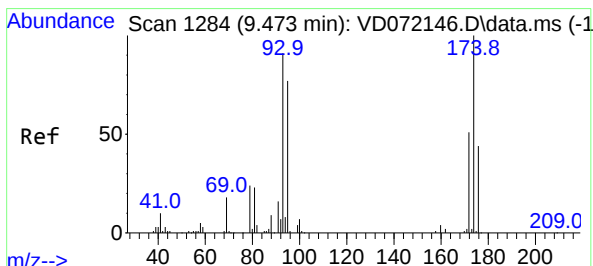
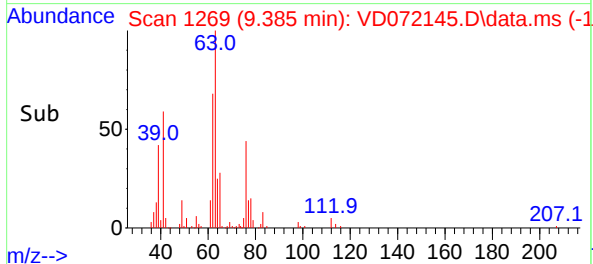
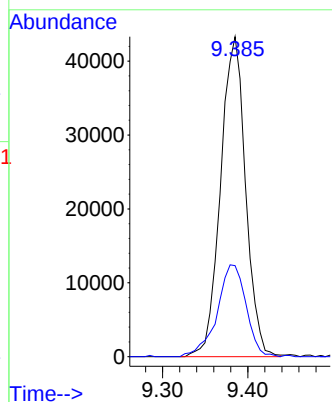
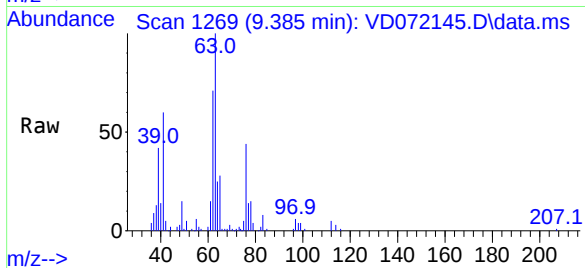
VSTDIC020

Tgt Ion: 63 Resp: 88146

Ion Ratio Lower Upper

63 100

65 28.4 26.2 39.4



#46

Dibromomethane

Concen: 19.377 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

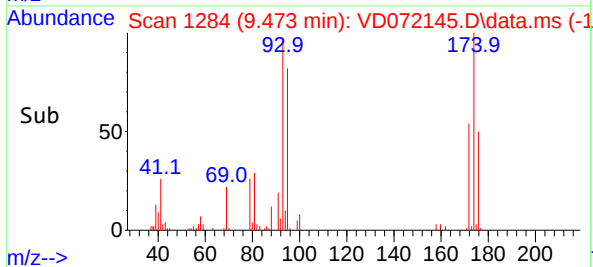
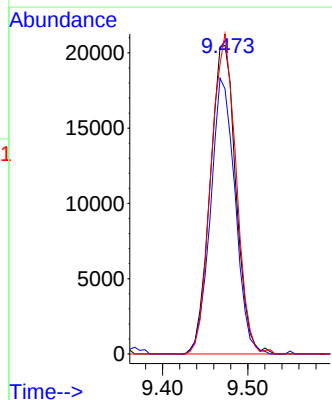
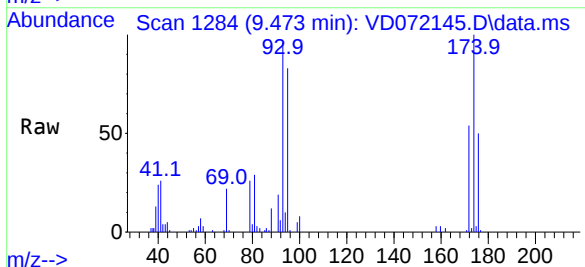
Tgt Ion: 93 Resp: 42951

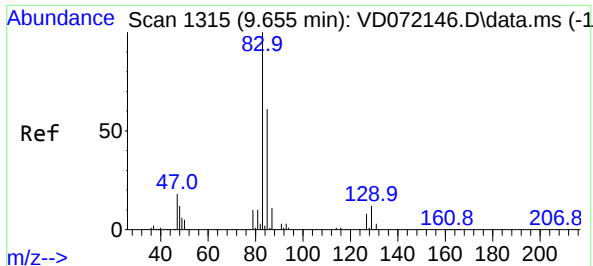
Ion Ratio Lower Upper

93 100

95 85.3 66.7 100.1

174 100.9 71.6 107.4

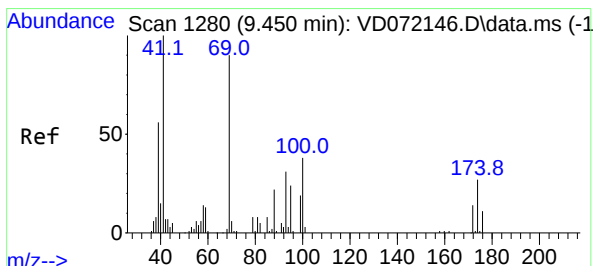
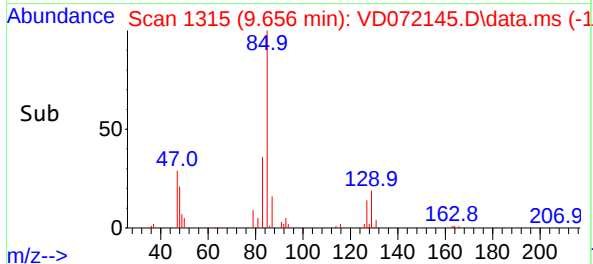
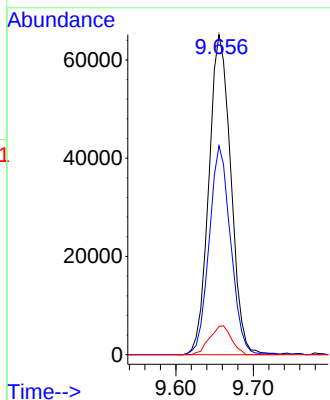
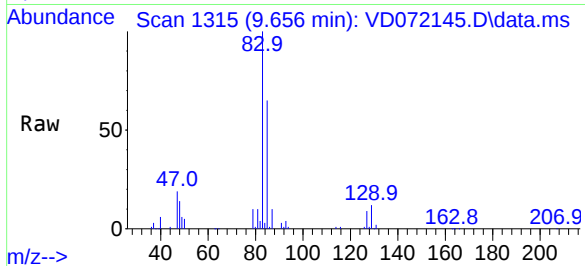




#47
Bromodichloromethane
Concen: 21.500 ug/l
RT: 9.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

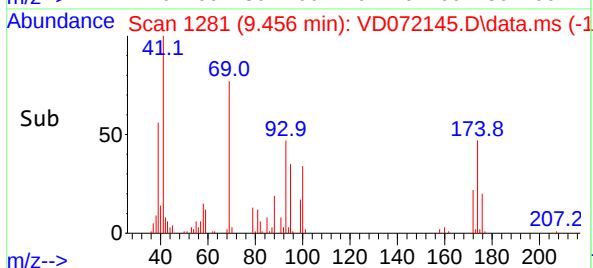
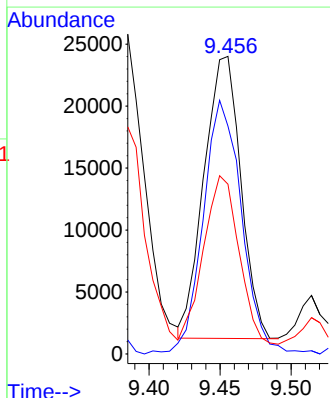
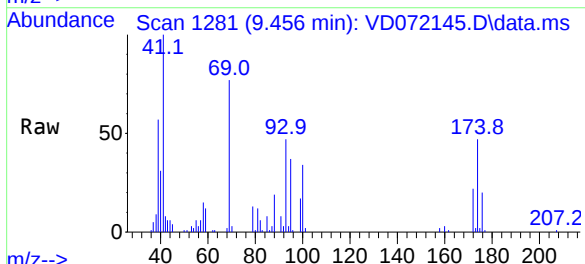
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

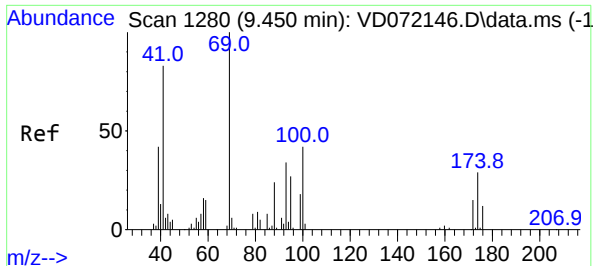
Tgt Ion: 83 Resp: 128149
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.0
127 8.9 6.1 9.1



#48
Methyl methacrylate
Concen: 15.509 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 41 Resp: 41085
Ion Ratio Lower Upper
41 100
69 94.4 56.7 85.1#
39 65.6 42.7 64.1#

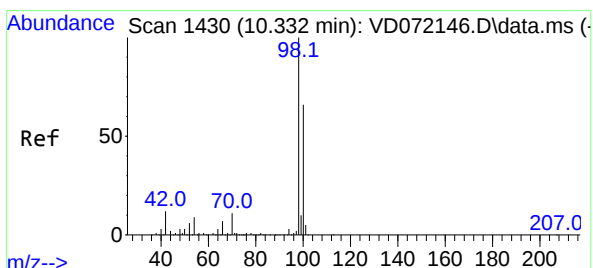
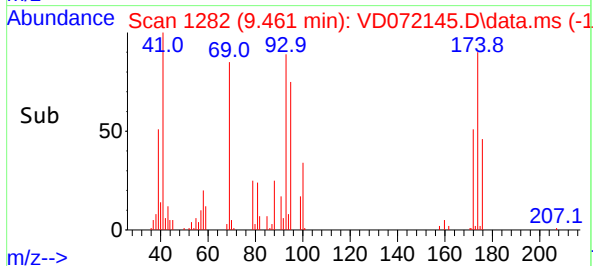
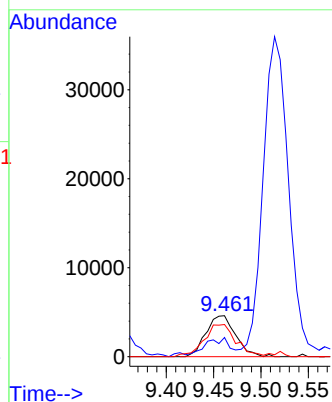
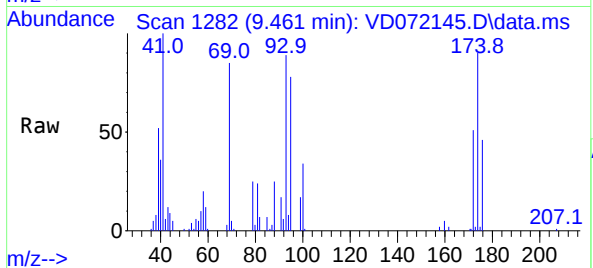




#49
1,4-Dioxane
Concen: 398.421 ug/l
RT: 9.461 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

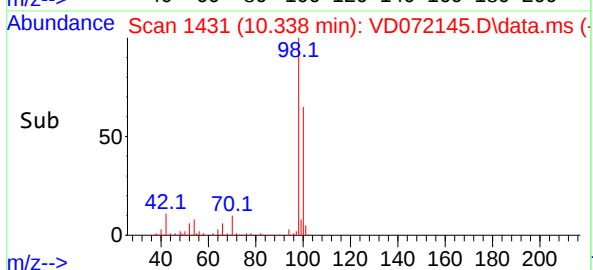
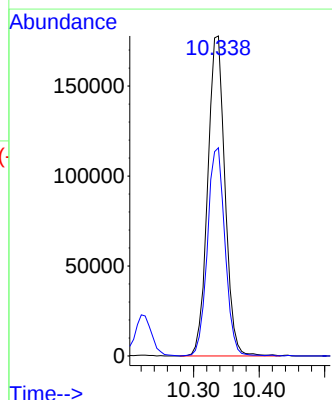
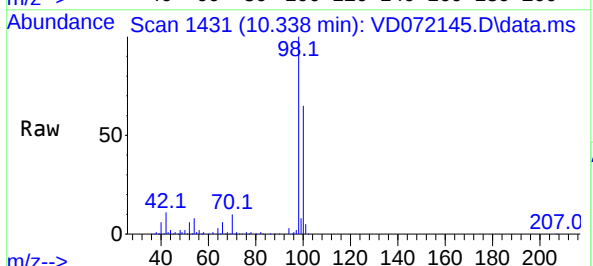
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

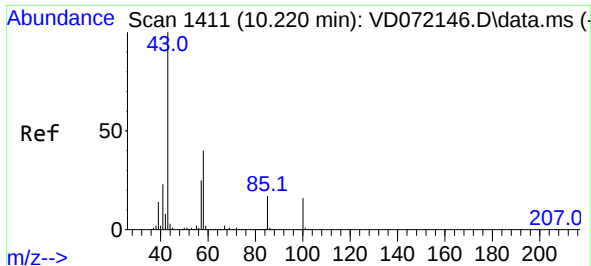
Tgt Ion: 88 Resp: 10041
Ion Ratio Lower Upper
88 100
43 35.4 31.0 46.4
58 84.4 58.1 87.1



#50
Toluene-d8
Concen: 24.226 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 98 Resp: 325789
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

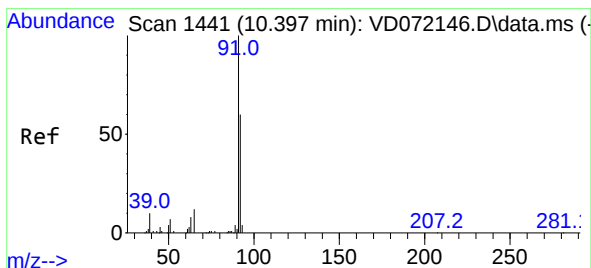
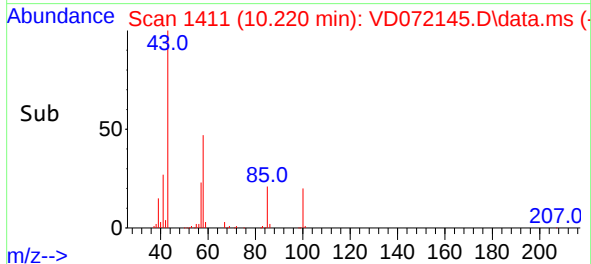
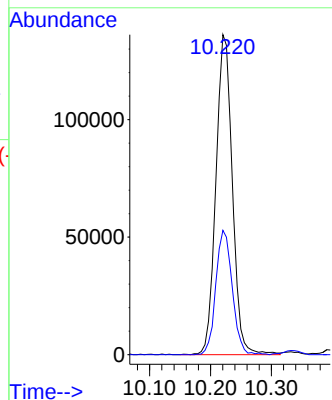
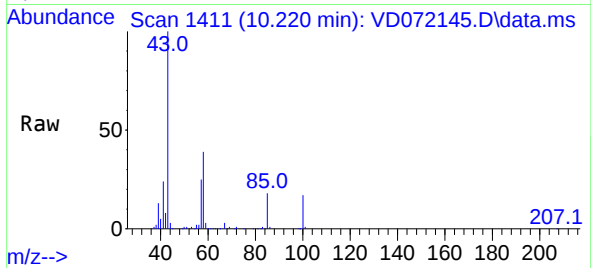




#51
4-Methyl-2-Pentanone
Concen: 97.587 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

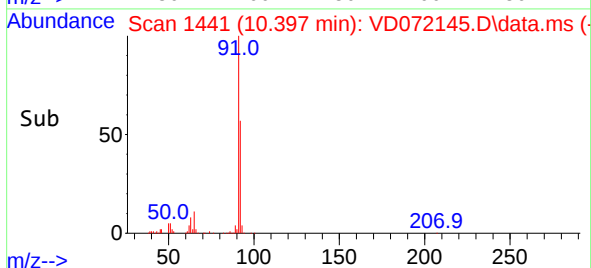
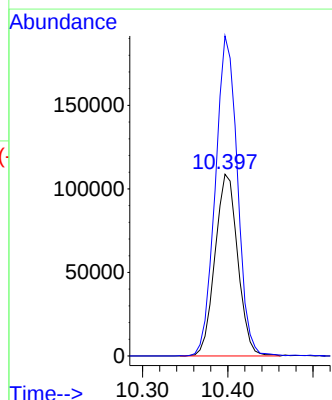
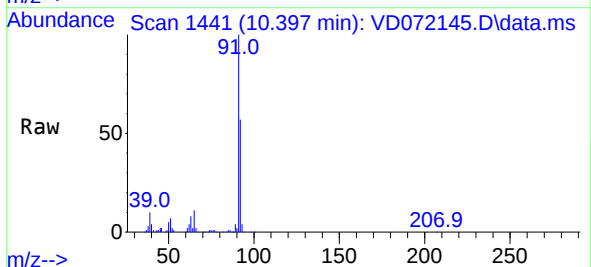
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

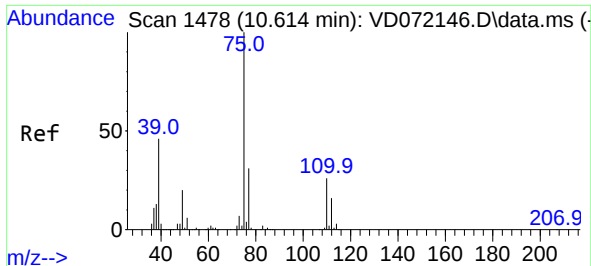
Tgt Ion: 43 Resp: 255449
Ion Ratio Lower Upper
43 100
58 38.8 28.6 43.0



#52
Toluene
Concen: 19.310 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 92 Resp: 201782
Ion Ratio Lower Upper
92 100
91 171.4 139.6 209.4

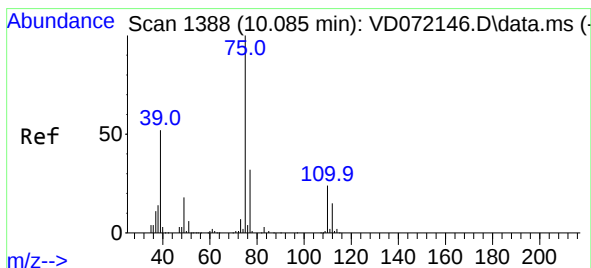
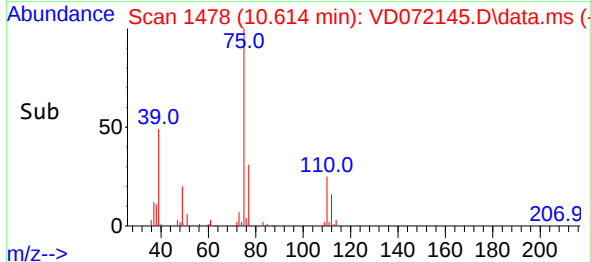
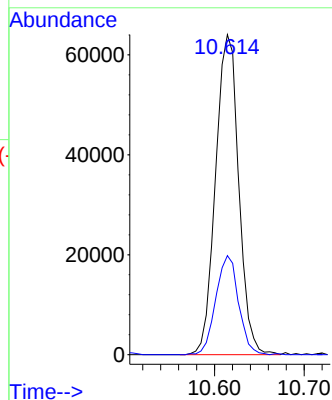
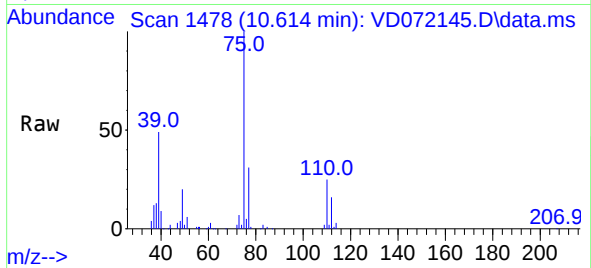




#53
t-1,3-Dichloropropene
Concen: 21.062 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

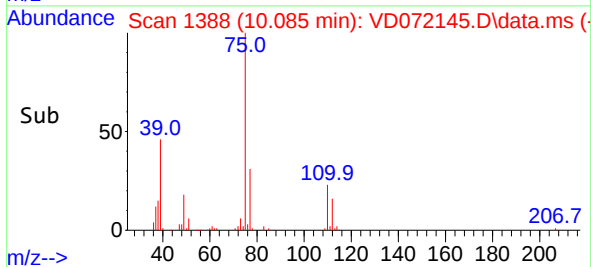
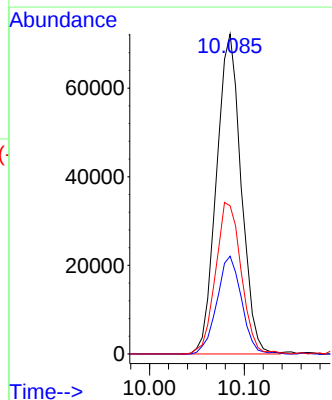
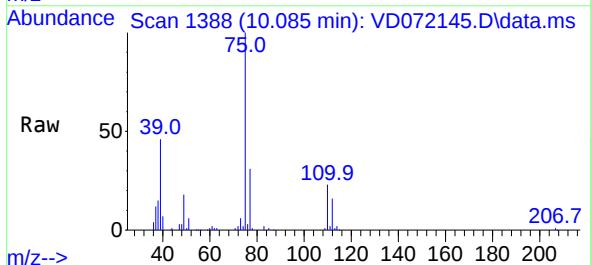
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

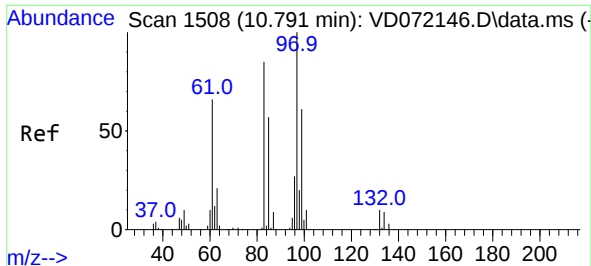
Tgt Ion: 75 Resp: 114687
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 20.370 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 75 Resp: 130775
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2
39 46.3 46.8 70.2#



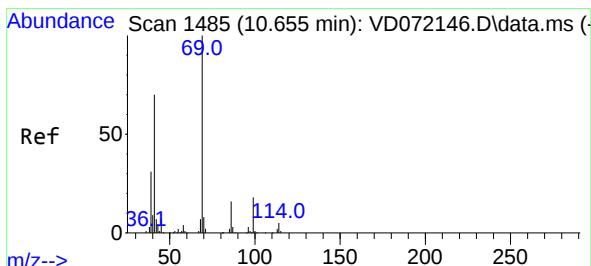
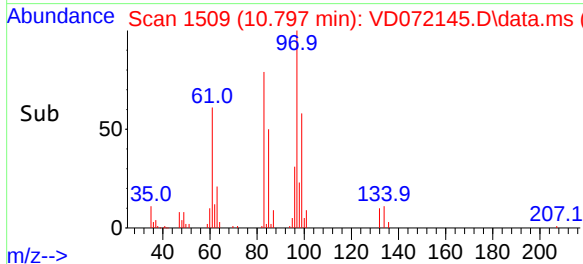
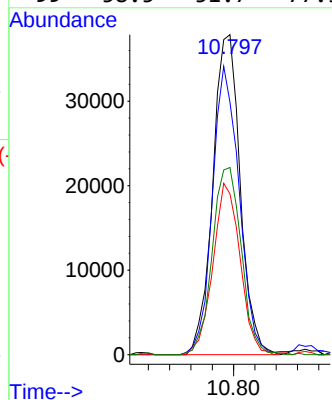
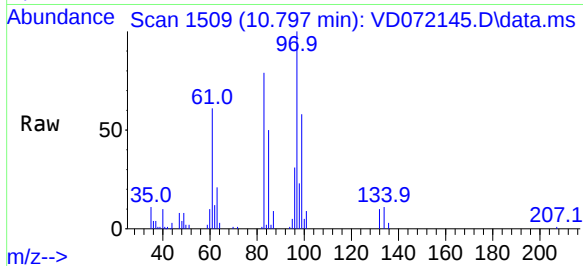


#55
1,1,2-Trichloroethane
Concen: 22.556 ug/l
RT: 10.797 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 67637

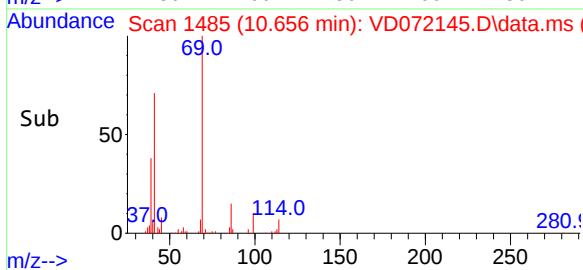
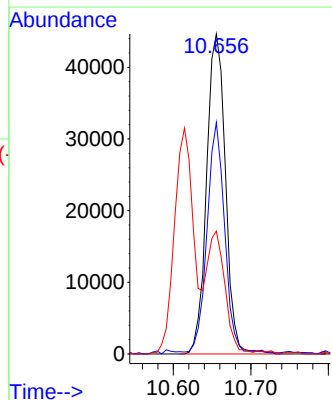
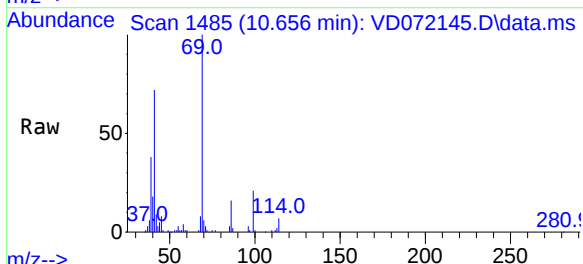
Ion	Ratio	Lower	Upper
97	100		
83	78.9	69.0	103.4
85	50.2	42.6	63.8
99	58.5	51.7	77.5

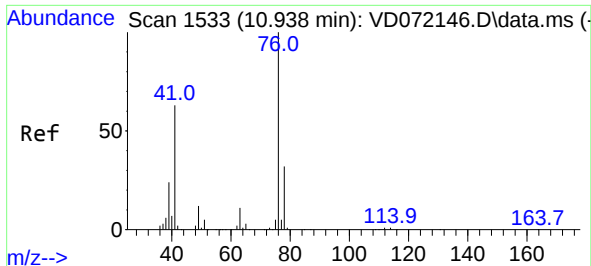


#56
Ethyl methacrylate
Concen: 20.592 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 69 Resp: 75436

Ion	Ratio	Lower	Upper
69	100		
41	65.9	63.0	94.6
39	34.8	33.8	50.8





#57

1,3-Dichloropropane

Concen: 20.983 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

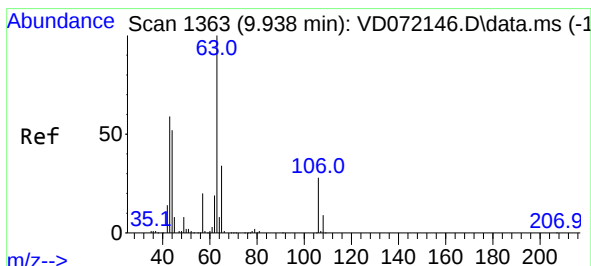
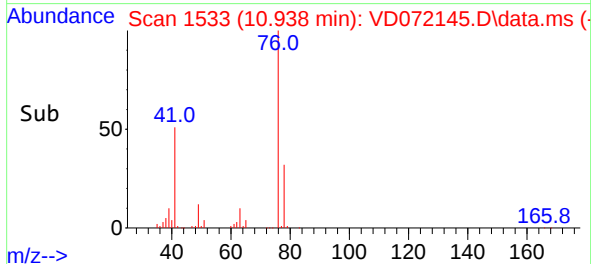
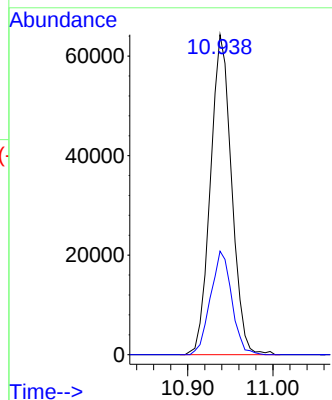
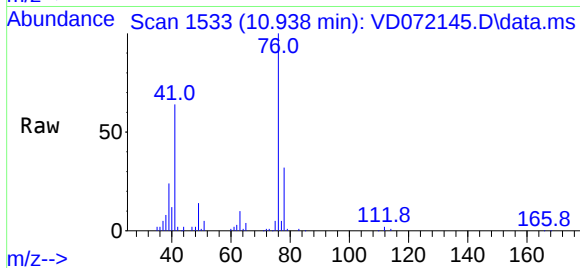
VSTDICC020

Tgt Ion: 76 Resp: 111158

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 107.063 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072145.D

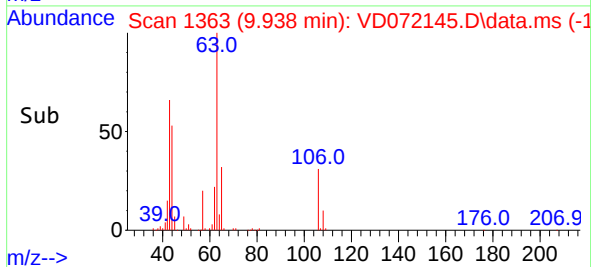
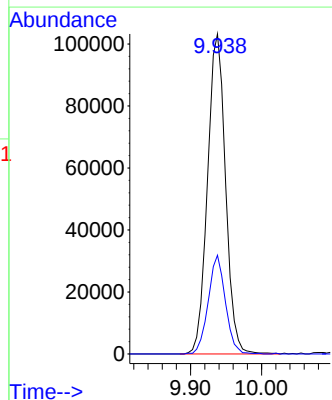
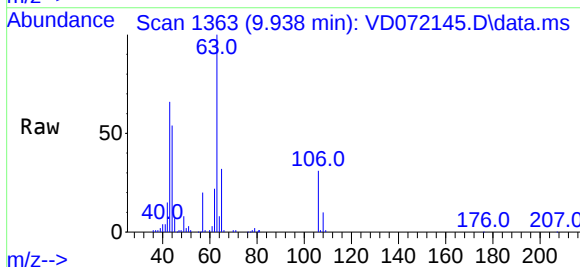
Acq: 11 Mar 2022 11:43

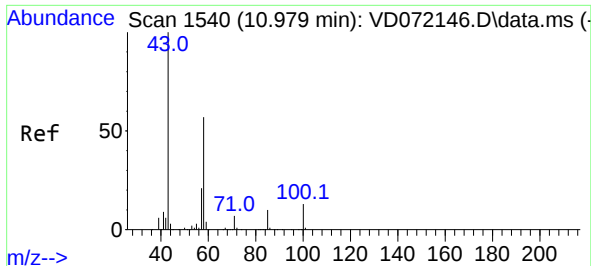
Tgt Ion: 63 Resp: 181986

Ion Ratio Lower Upper

63 100

106 29.4 21.4 32.0

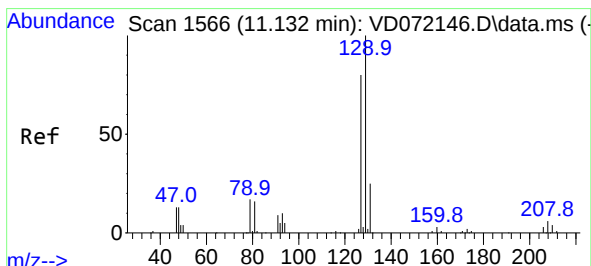
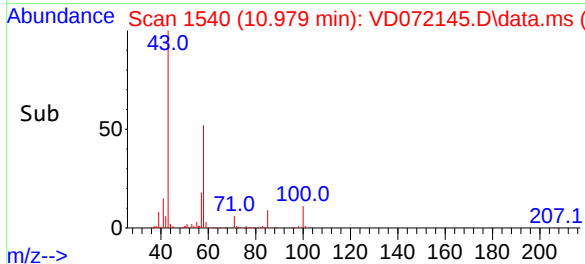
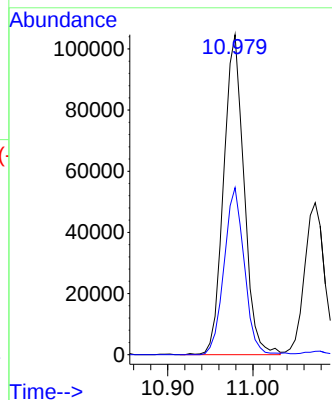
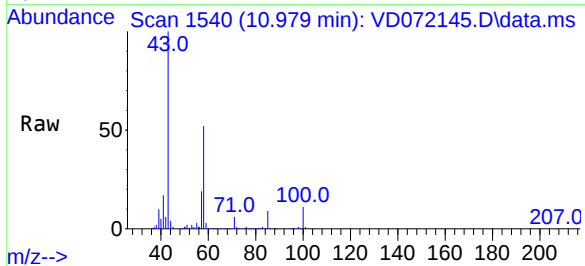




#59
2-Hexanone
Concen: 92.606 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

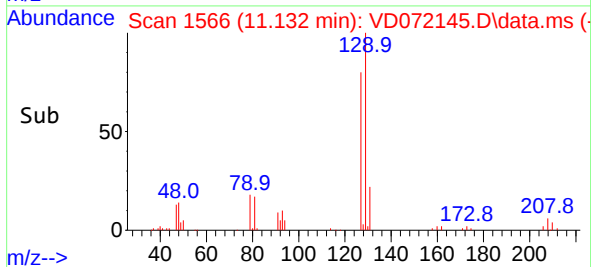
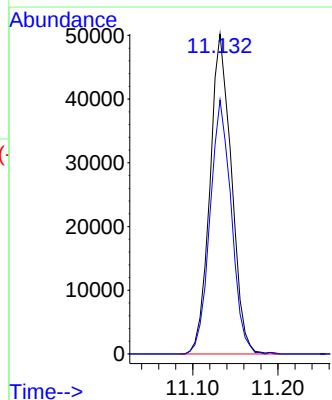
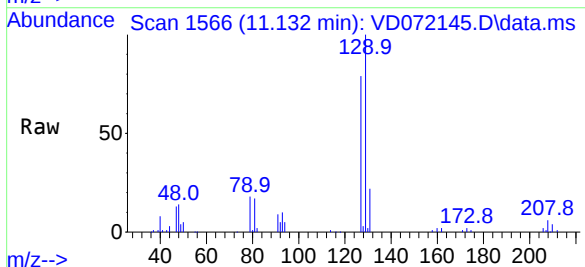
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

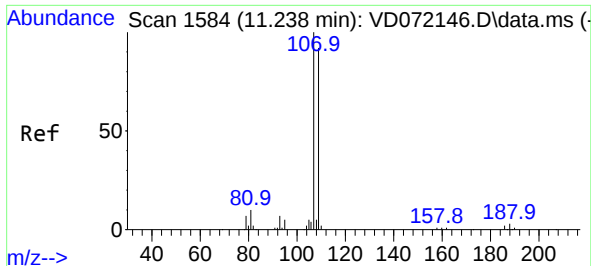
Tgt Ion: 43 Resp: 173639
Ion Ratio Lower Upper
43 100
58 51.9 25.3 75.9



#60
Dibromochloromethane
Concen: 23.608 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 129 Resp: 87992
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6

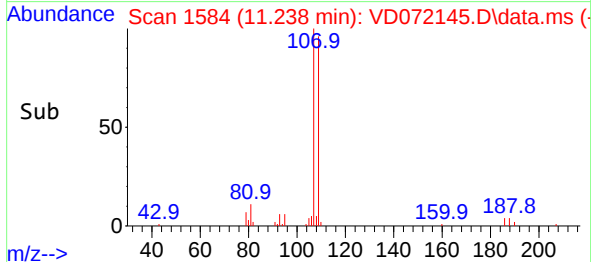
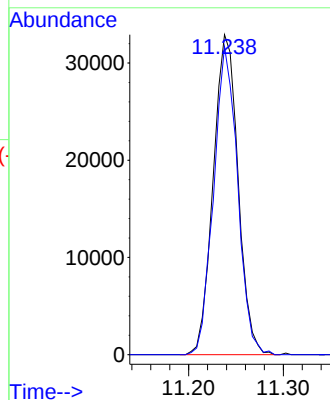
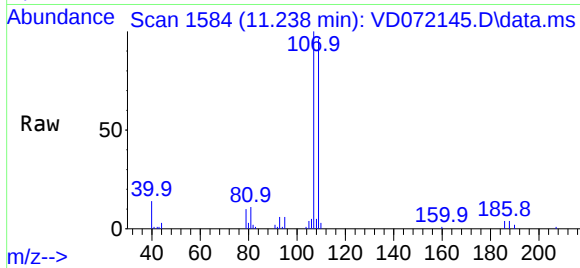




#61
1,2-Dibromoethane
Concen: 20.894 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

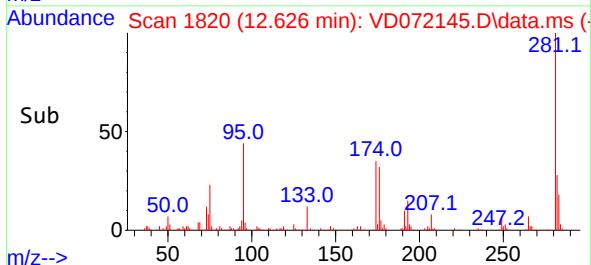
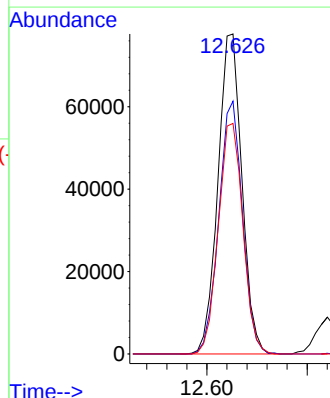
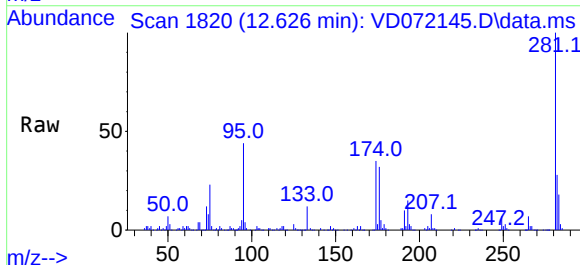
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

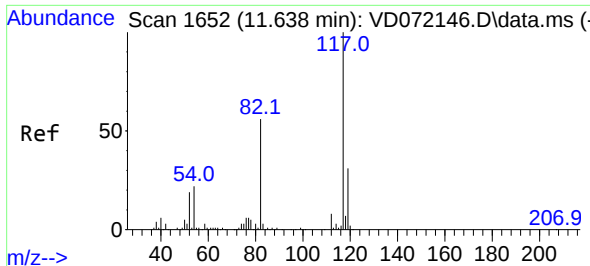
Tgt Ion:107 Resp: 59868
Ion Ratio Lower Upper
107 100
109 92.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 26.916 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 95 Resp: 128683
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 73.8 0.0 145.4



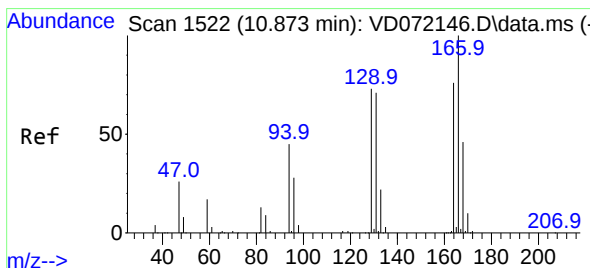
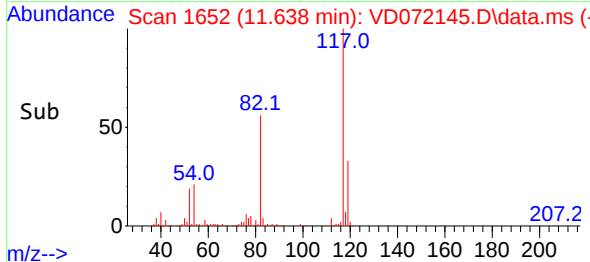
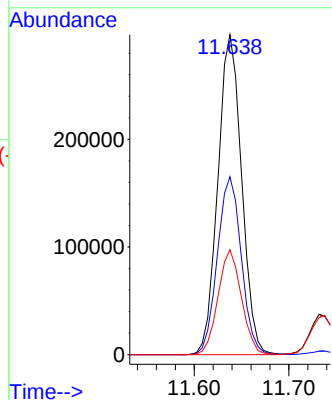
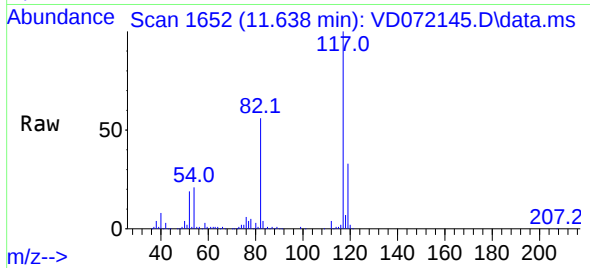


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 518247

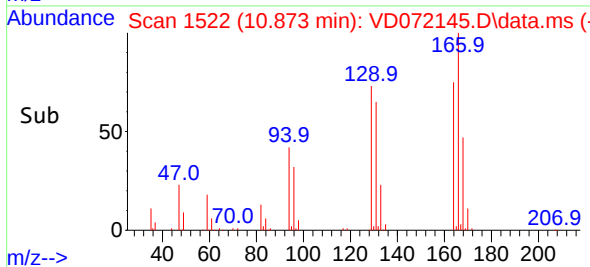
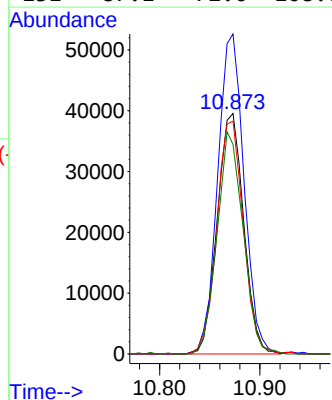
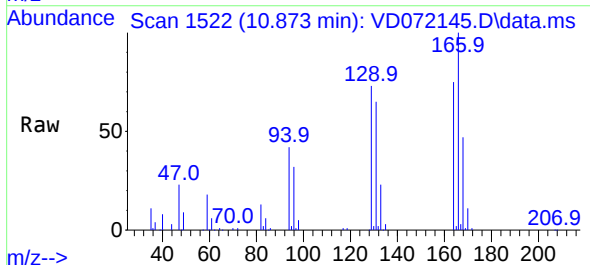
Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.3	67.9
119	32.8	26.6	40.0

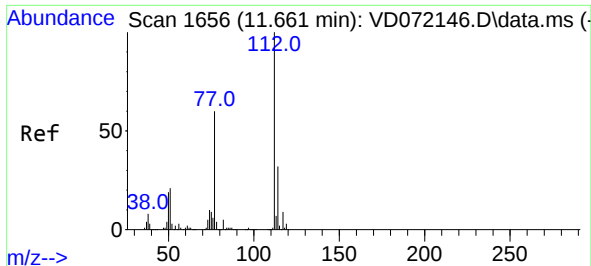


#64
Tetrachloroethene
Concen: 19.605 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion:164 Resp: 72611

Ion	Ratio	Lower	Upper
164	100		
166	133.1	98.5	147.7
129	96.8	74.6	111.8
131	87.1	72.0	108.0

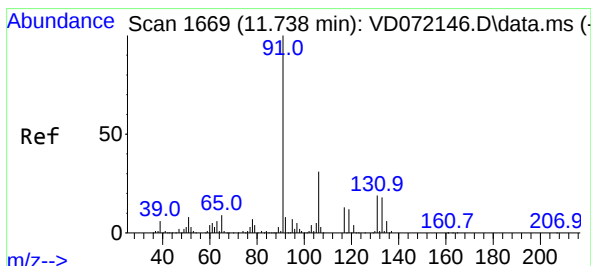
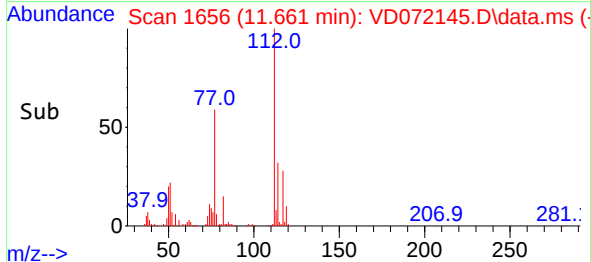
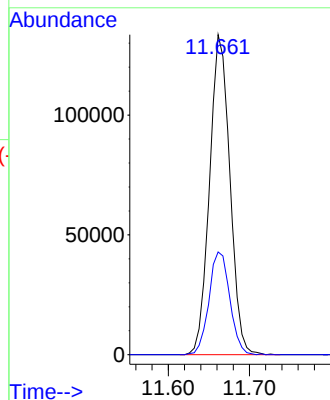
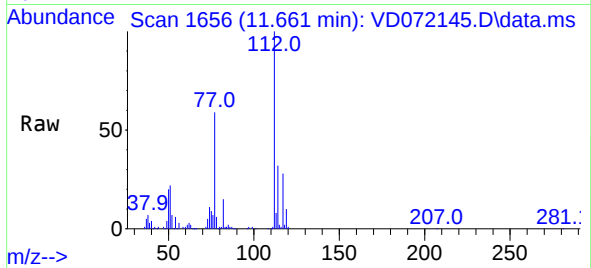




#65
Chlorobenzene
Concen: 20.903 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

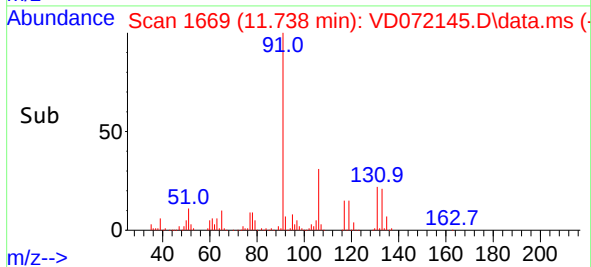
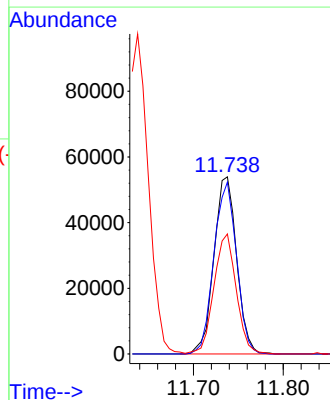
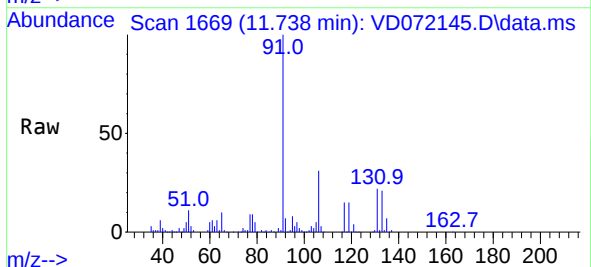
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

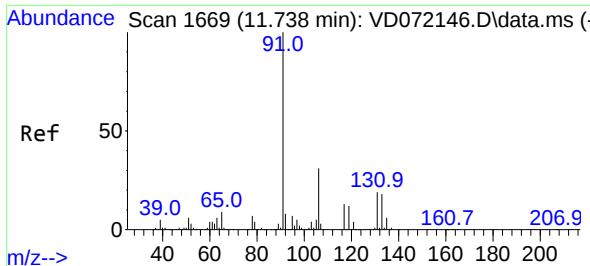
Tgt Ion:112 Resp: 232159
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 23.213 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion:131 Resp: 94795
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.3
119 66.7 31.9 95.9

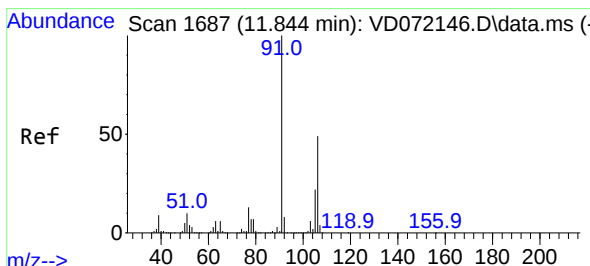
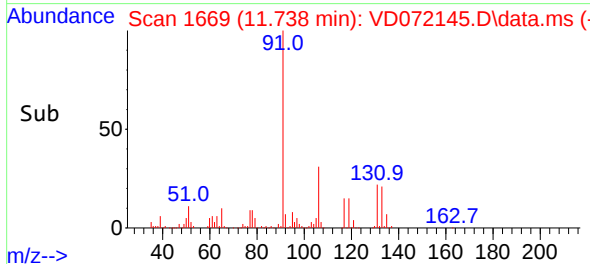
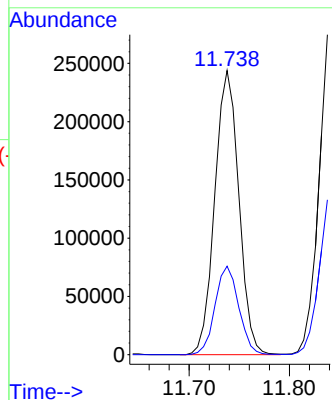
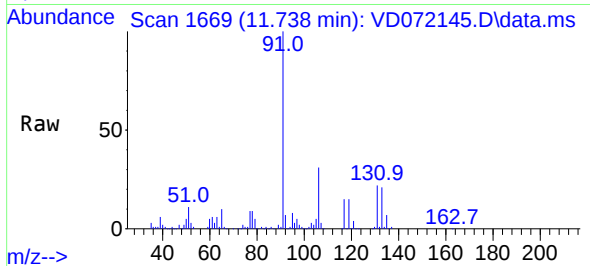




#67
Ethyl Benzene
Concen: 19.974 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

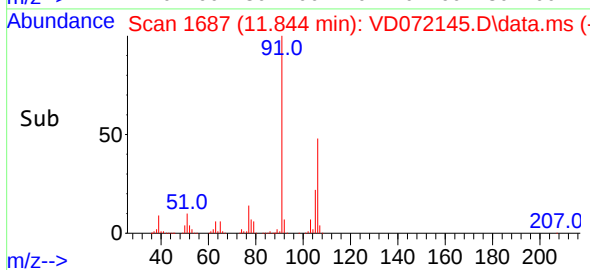
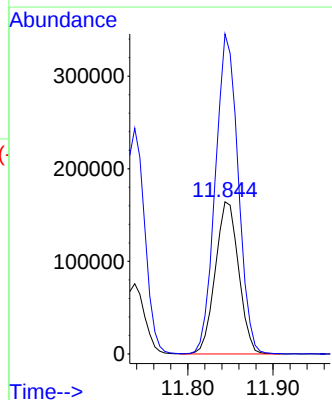
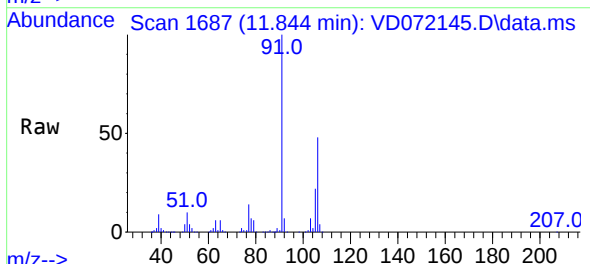
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

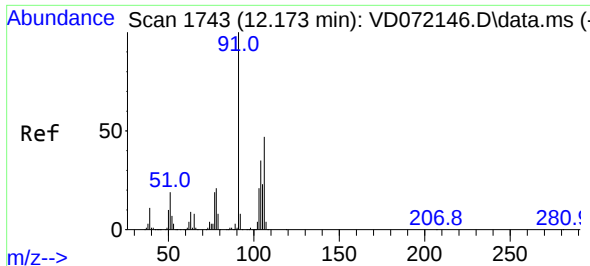
Tgt Ion: 91 Resp: 405894
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4



#68
m/p-Xylenes
Concen: 40.568 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 106 Resp: 313570
Ion Ratio Lower Upper
106 100
91 205.5 163.7 245.5

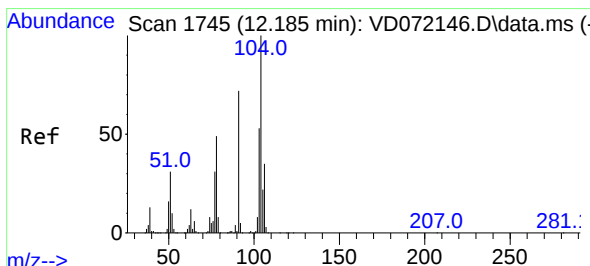
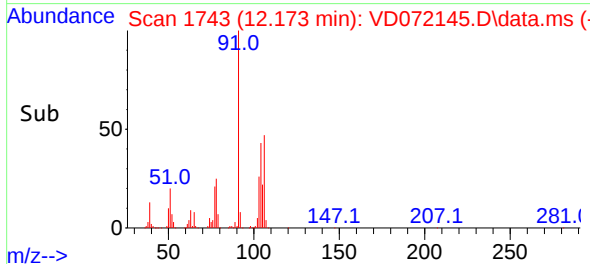
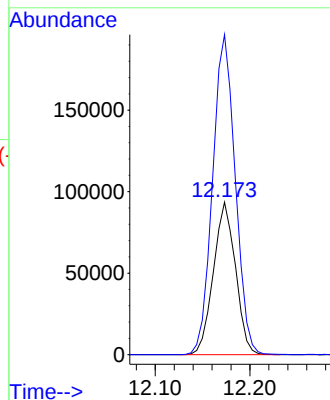
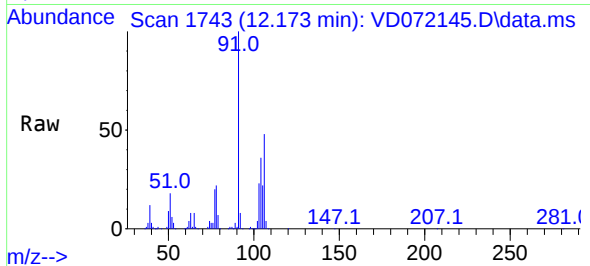




#69
o-Xylene
Concen: 21.411 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

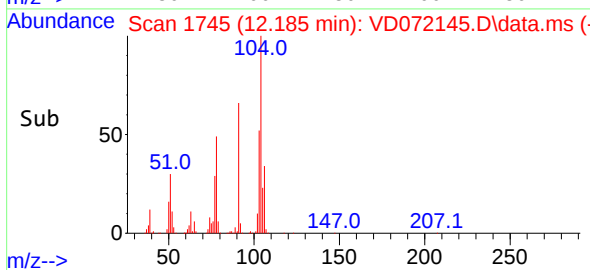
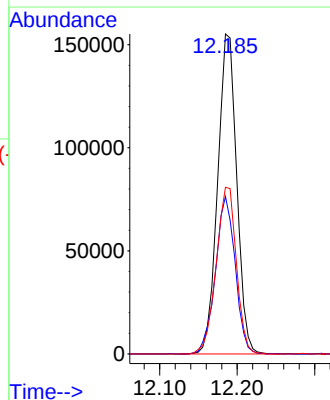
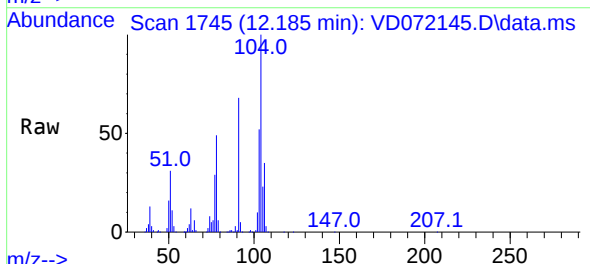
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

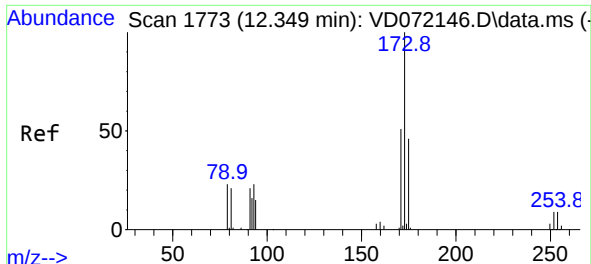
Tgt Ion:106 Resp: 151637
Ion Ratio Lower Upper
106 100
91 215.4 110.4 331.2



#70
Styrene
Concen: 21.808 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion:104 Resp: 265184
Ion Ratio Lower Upper
104 100
78 50.8 41.8 62.8
103 55.3 44.2 66.4

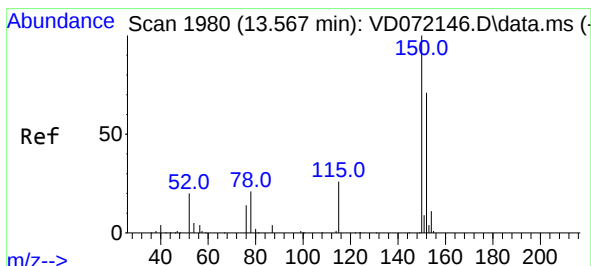
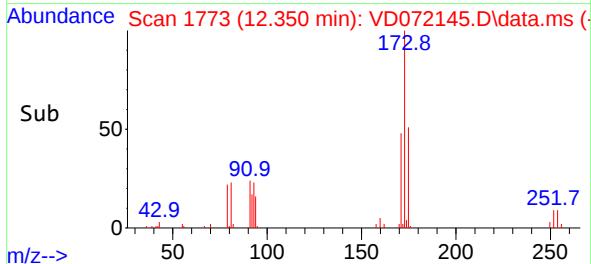
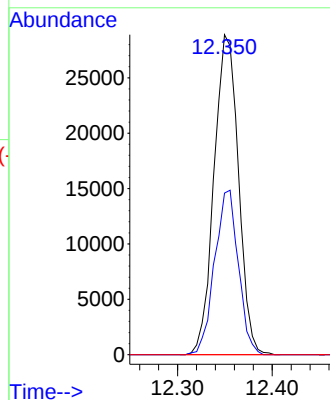
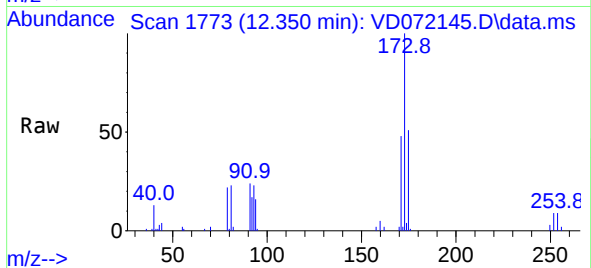




#71
Bromoform
Concen: 23.960 ug/l
RT: 12.350 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

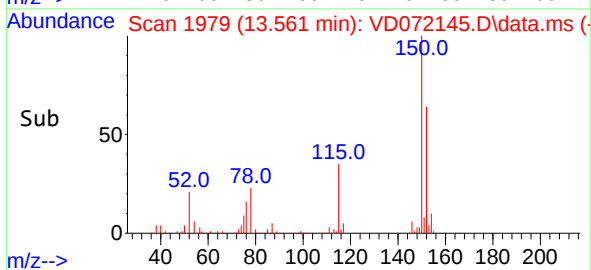
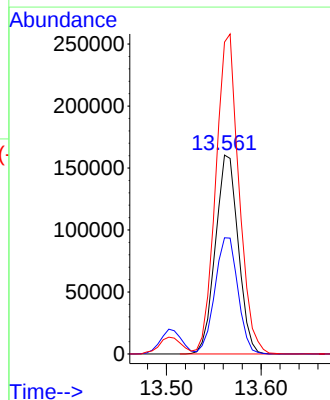
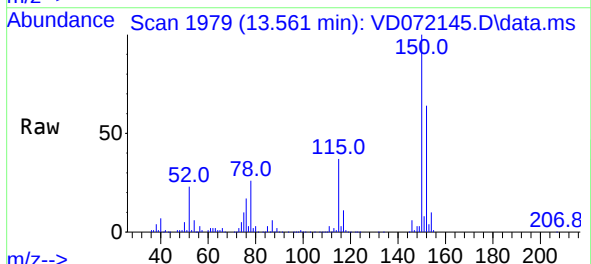
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

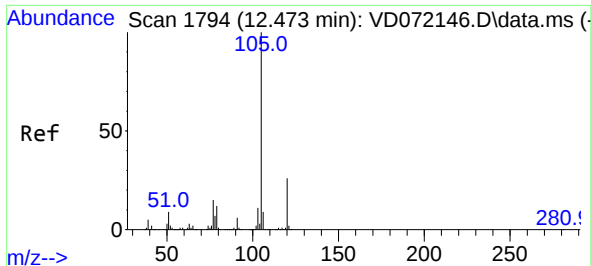
Tgt Ion:173 Resp: 51818
Ion Ratio Lower Upper
173 100
175 49.8 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion:152 Resp: 268385
Ion Ratio Lower Upper
152 100
115 59.0 31.3 93.8
150 163.6 0.0 348.6

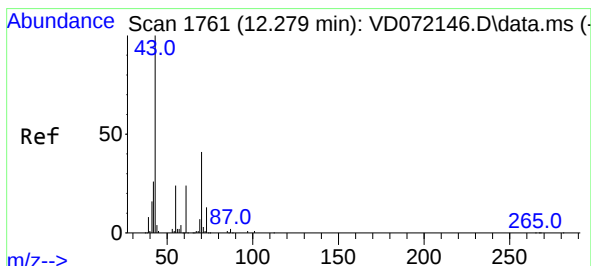
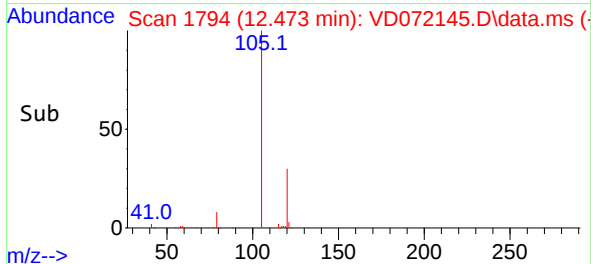
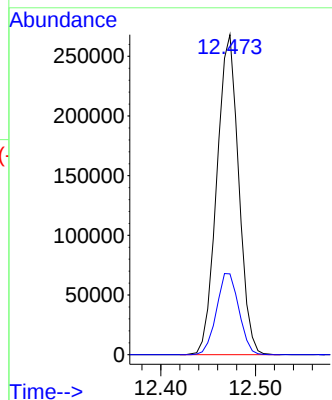
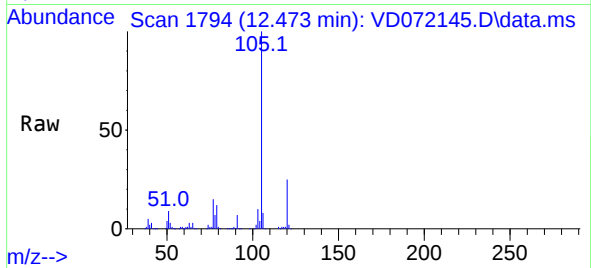




#73
Isopropylbenzene
Concen: 20.487 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

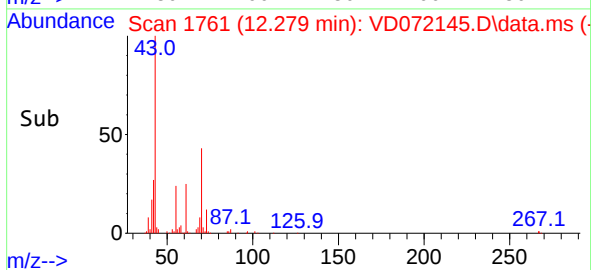
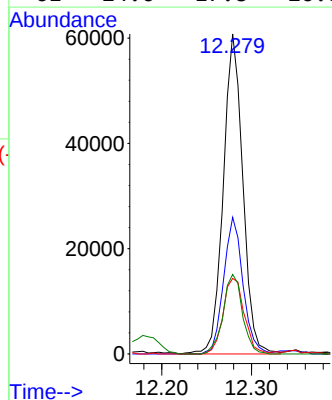
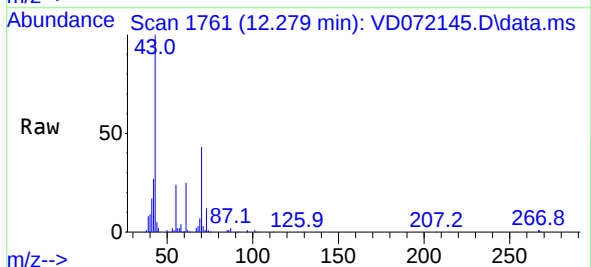
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

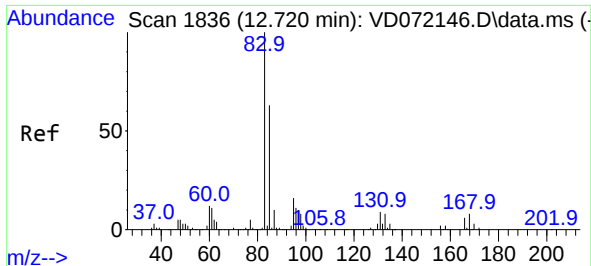
Tgt Ion:105 Resp: 429857
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 18.562 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 43 Resp: 91825
Ion Ratio Lower Upper
43 100
70 42.3 31.3 46.9
55 25.6 20.0 30.0
61 24.6 17.8 26.8

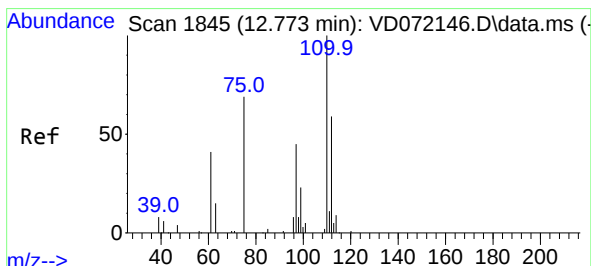
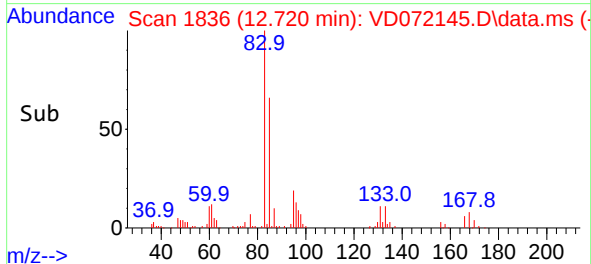
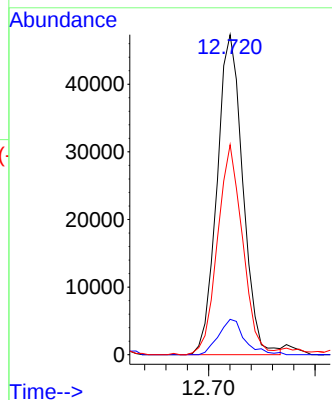
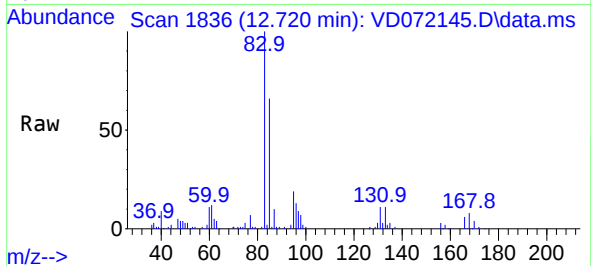




#75
1,1,2,2-Tetrachloroethane
Concen: 20.894 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

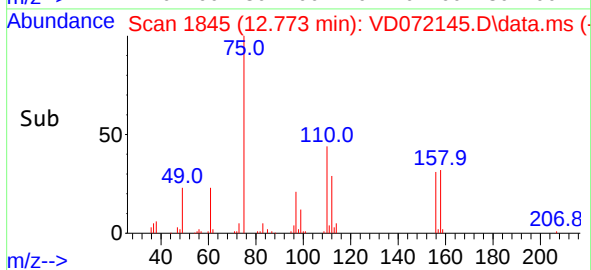
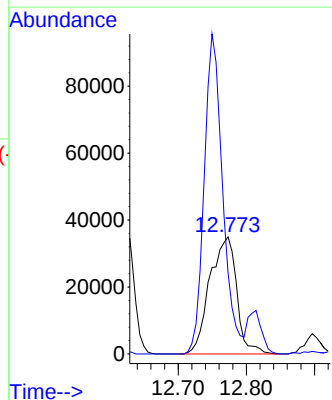
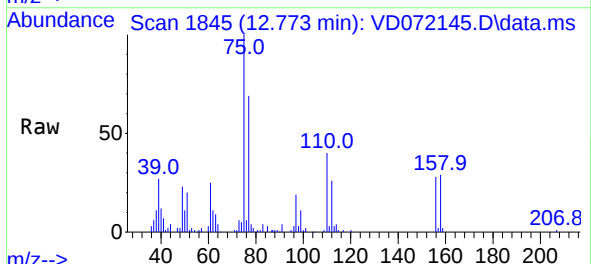
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

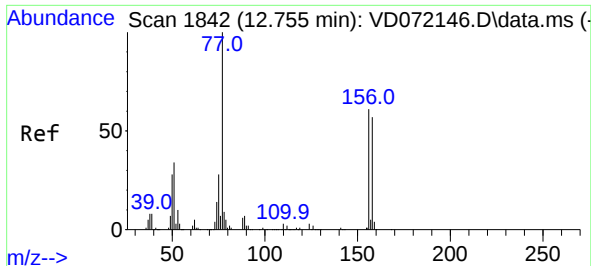
Tgt Ion: 83 Resp: 79543
Ion Ratio Lower Upper
83 100
131 11.2 5.0 14.9
85 63.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 33.825 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 75 Resp: 96050
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

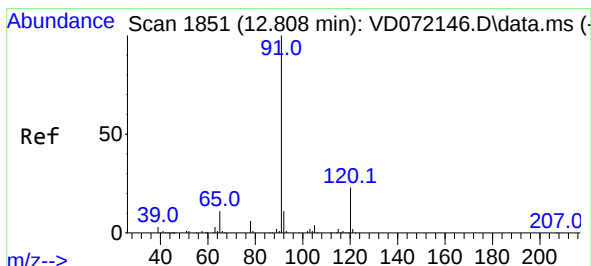
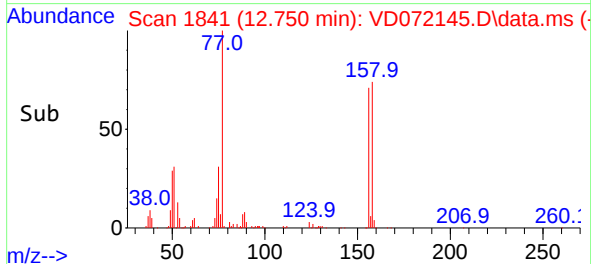
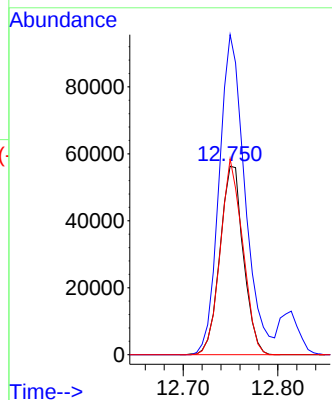
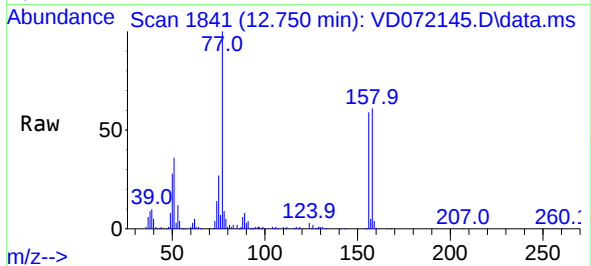




#77
Bromobenzene
Concen: 20.849 ug/l
RT: 12.750 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

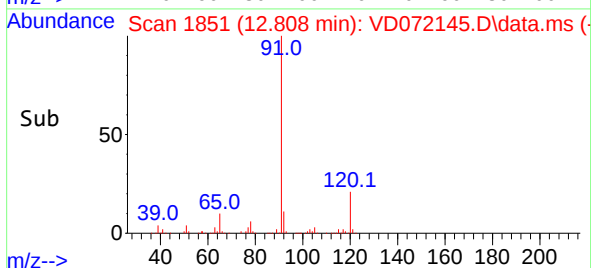
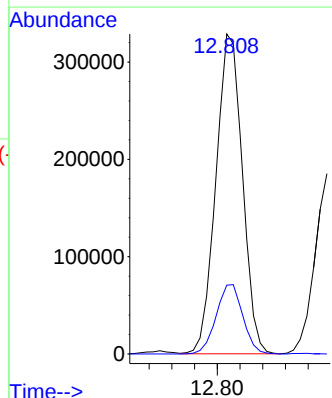
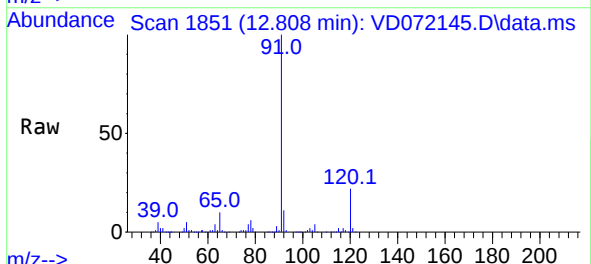
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

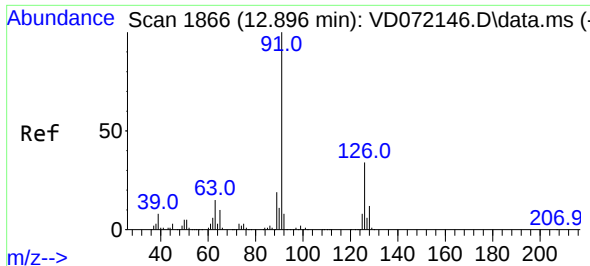
Tgt Ion:156 Resp: 96954
Ion Ratio Lower Upper
156 100
77 187.2 102.8 308.3
158 99.3 48.7 146.1



#78
n-propylbenzene
Concen: 20.414 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 91 Resp: 532783
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9

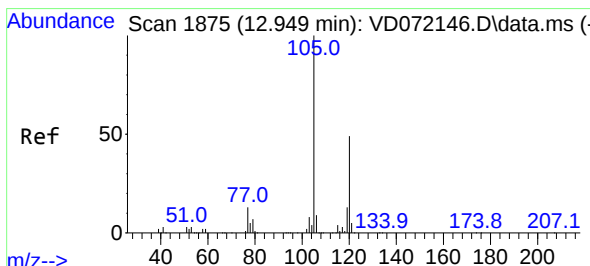
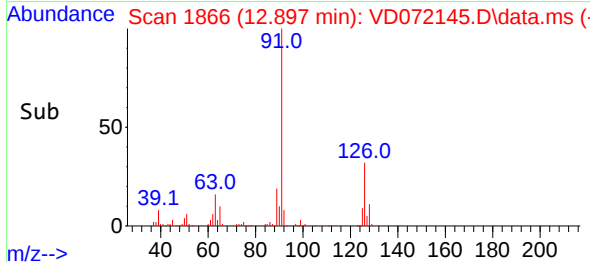
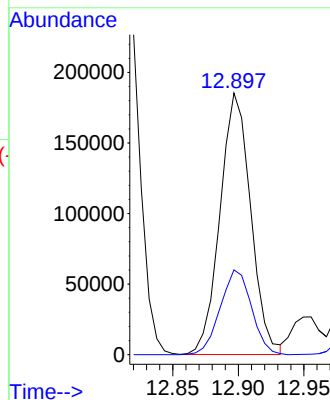
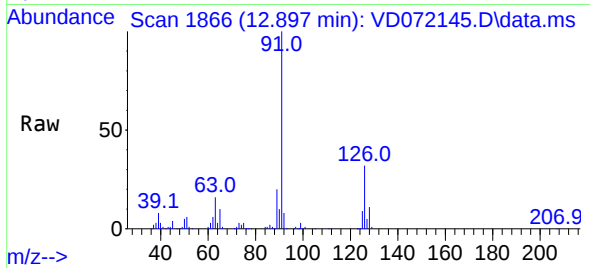




#79
2-Chlorotoluene
Concen: 20.457 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

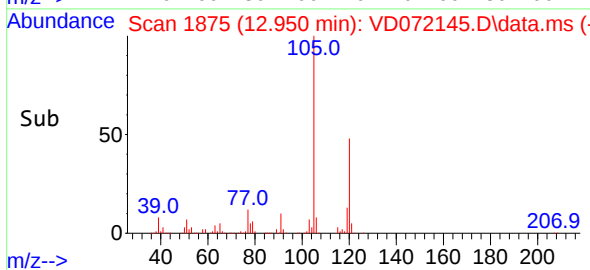
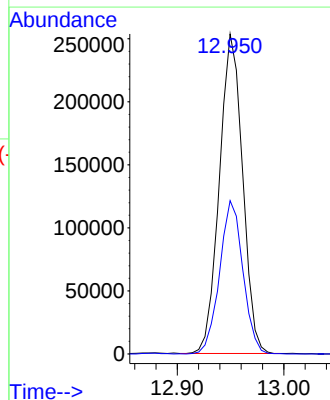
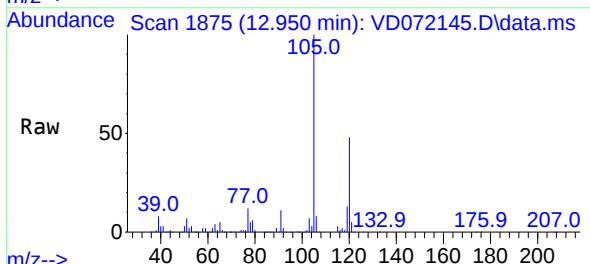
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

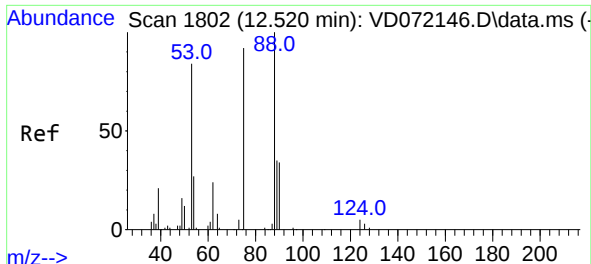
Tgt Ion: 91 Resp: 302336
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 22.053 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 105 Resp: 383315
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

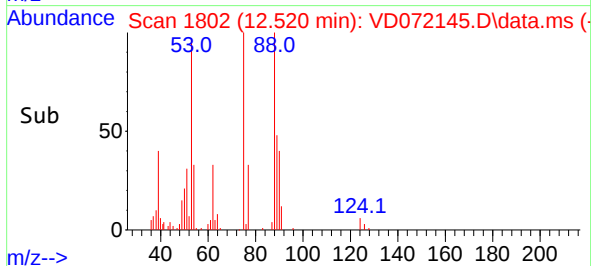
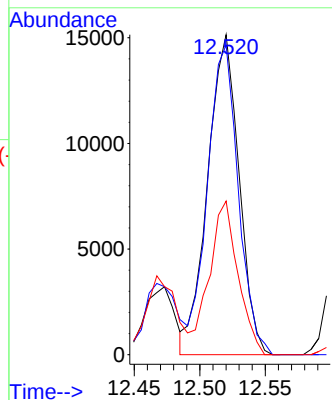
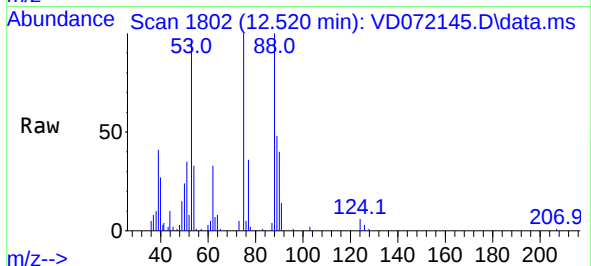




#81
trans-1,4-Dichloro-2-butene
Concen: 22.024 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

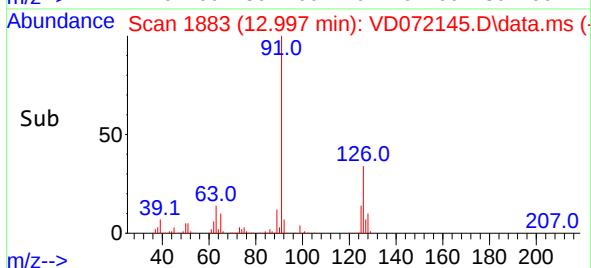
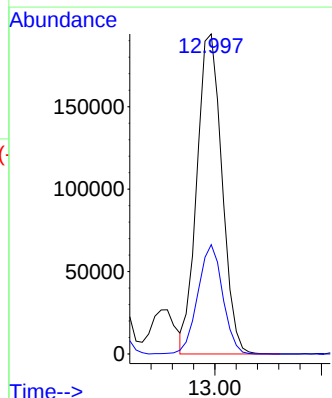
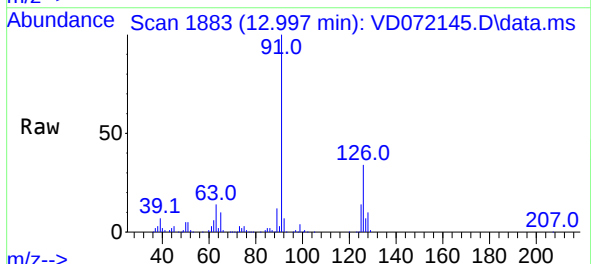
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

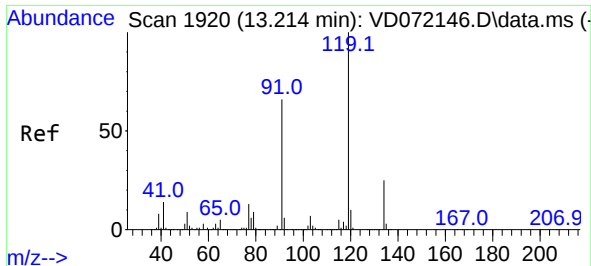
Tgt Ion: 75 Resp: 25202
Ion Ratio Lower Upper
75 100
53 94.3 86.5 129.7
89 44.2 33.9 50.9



#82
4-Chlorotoluene
Concen: 20.625 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 91 Resp: 317535
Ion Ratio Lower Upper
91 100
126 33.9 16.5 49.5

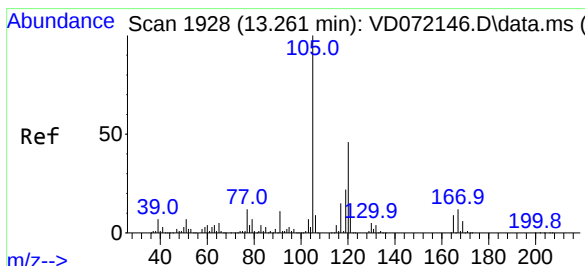
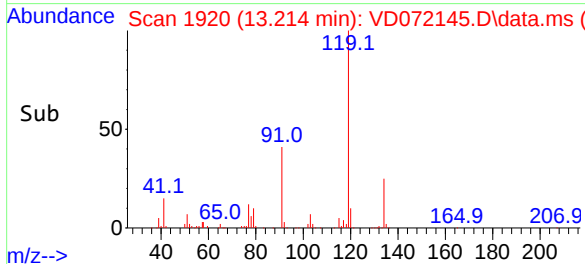
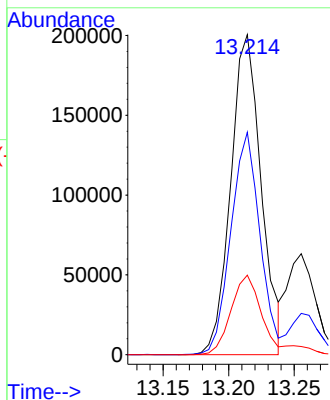
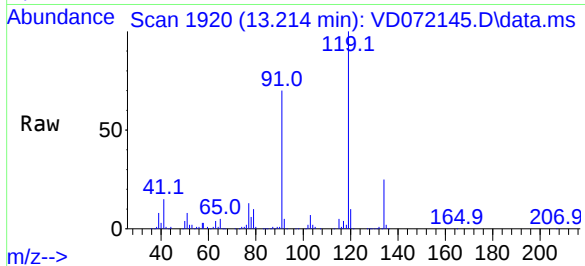




#83
tert-Butylbenzene
Concen: 22.279 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

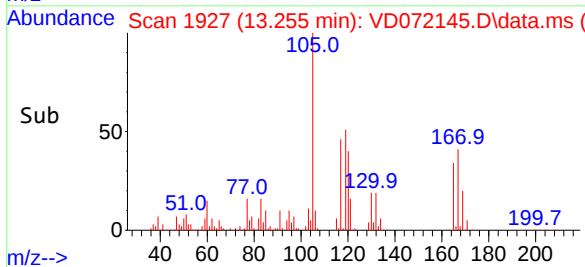
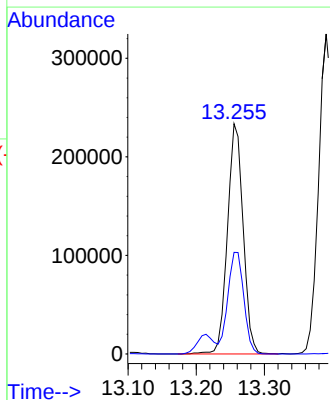
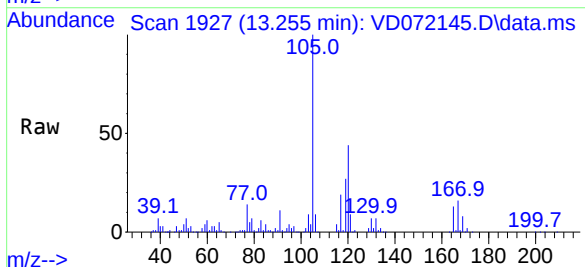
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

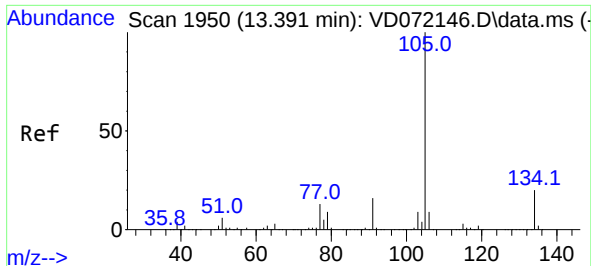
Tgt Ion:119 Resp: 324900
Ion Ratio Lower Upper
119 100
91 66.0 34.8 104.5
134 26.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 21.915 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion:105 Resp: 374071
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8

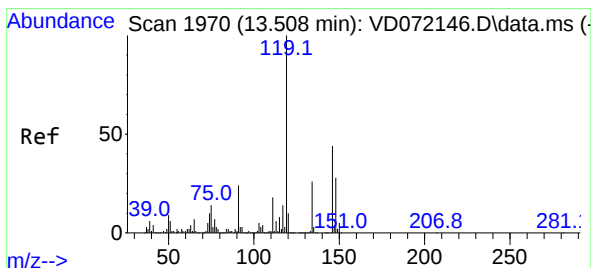
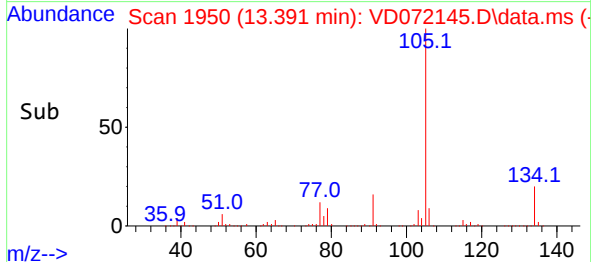
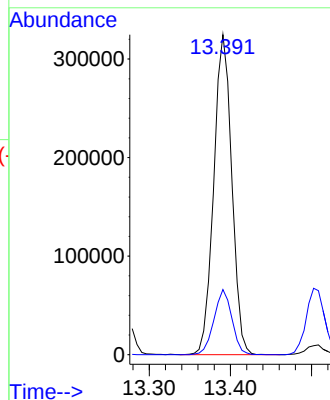
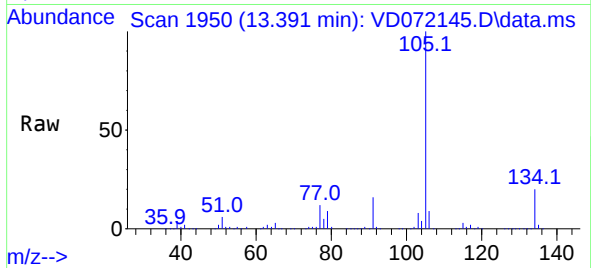




#85
 sec-Butylbenzene
 Concen: 22.061 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072145.D
 Acq: 11 Mar 2022 11:43

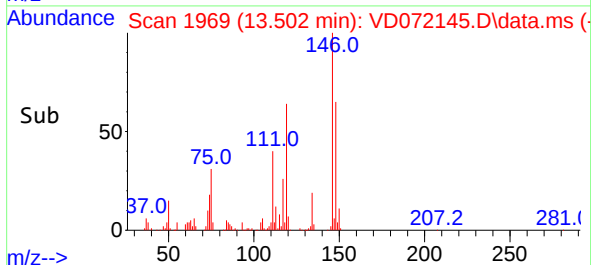
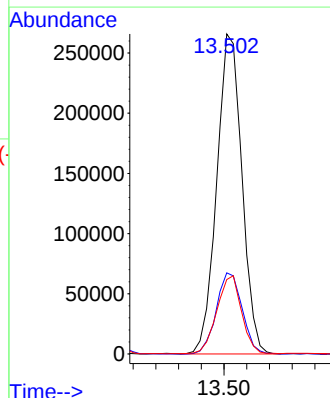
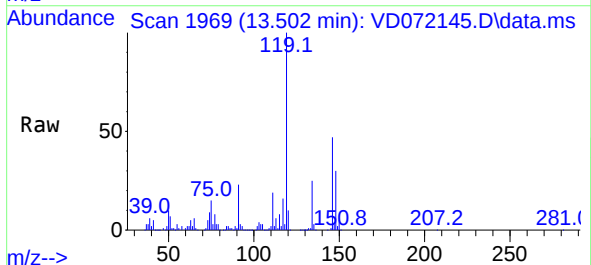
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

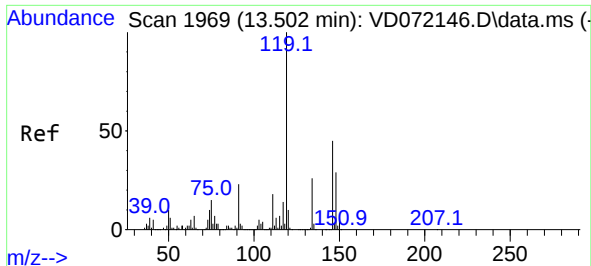
Tgt Ion:105 Resp: 501287
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 22.180 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072145.D
 Acq: 11 Mar 2022 11:43

Tgt Ion:119 Resp: 409485
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 23.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 22.253 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

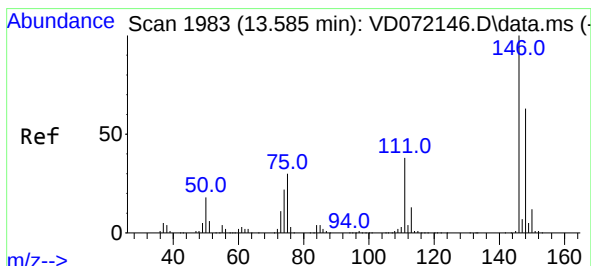
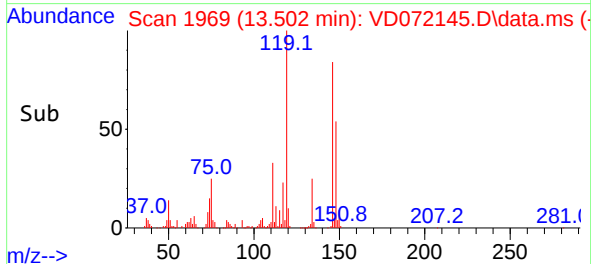
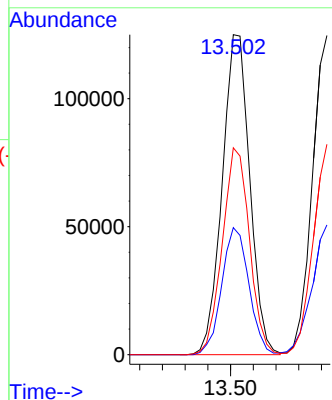
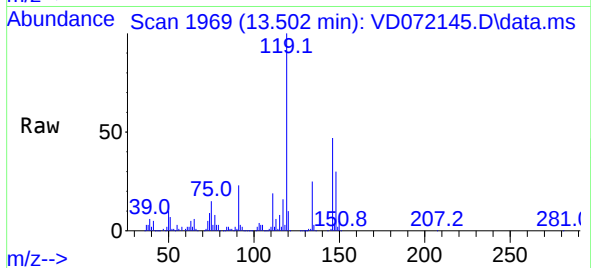
Tgt Ion:146 Resp: 210806

Ion Ratio Lower Upper

146 100

111 39.1 20.4 61.3

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 21.791 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

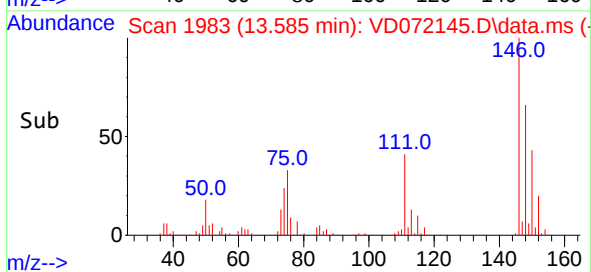
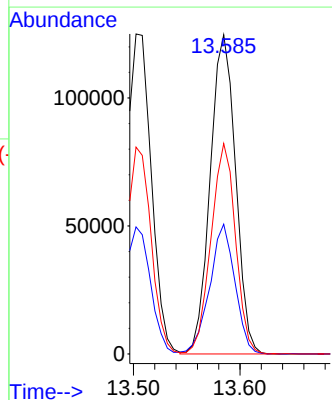
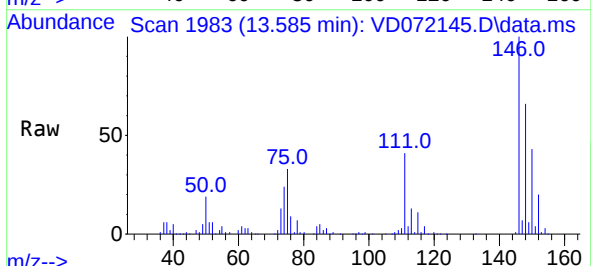
Tgt Ion:146 Resp: 206152

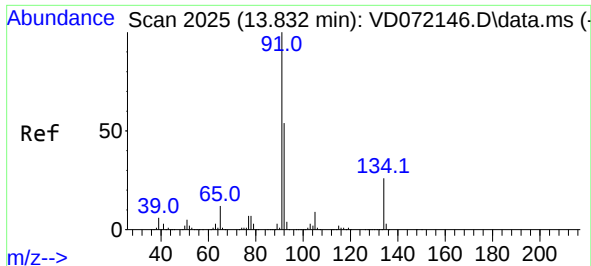
Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

148 63.8 31.7 95.1

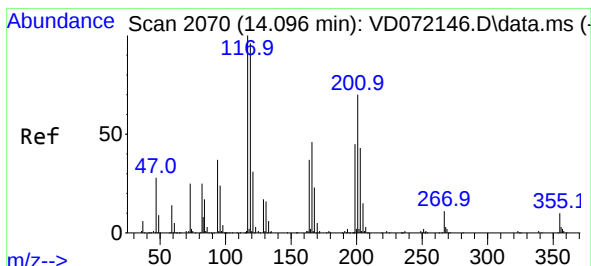
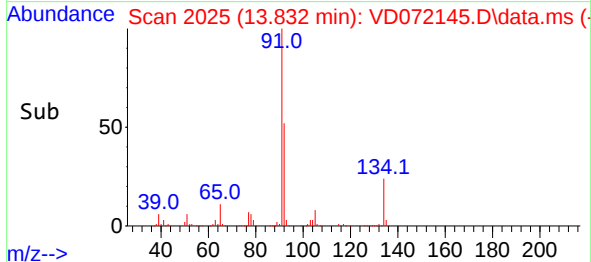
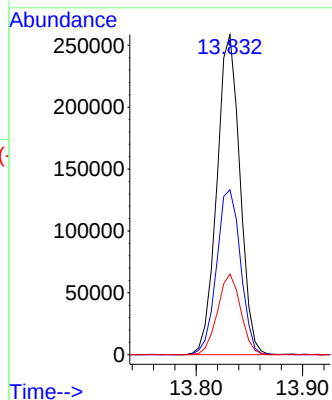
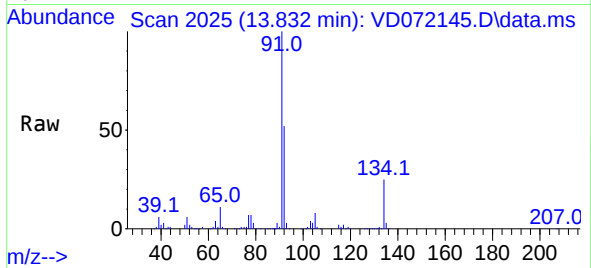




#89
n-Butylbenzene
Concen: 21.460 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

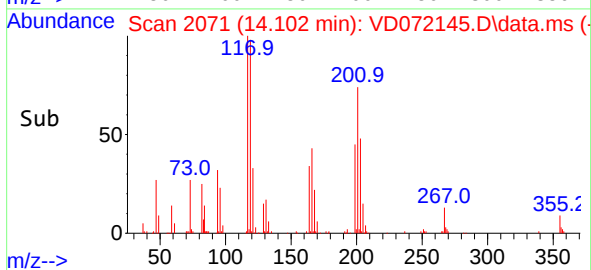
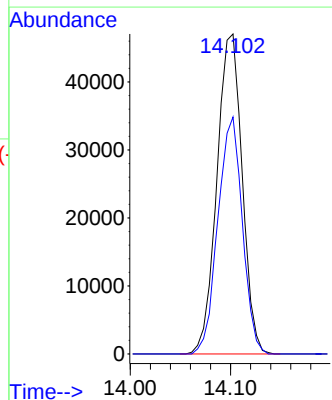
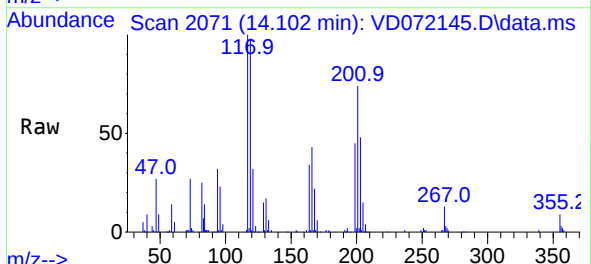
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

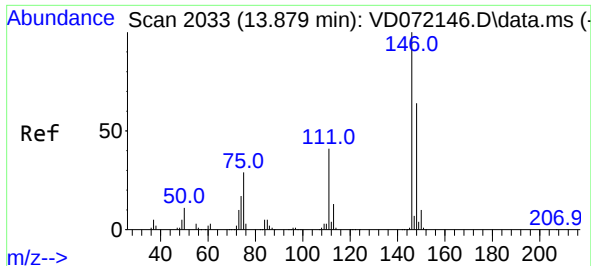
Tgt Ion: 91 Resp: 388568
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.8
134 25.2 12.3 36.9



#90
Hexachloroethane
Concen: 22.459 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion: 117 Resp: 82227
Ion Ratio Lower Upper
117 100
201 71.6 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 22.504 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

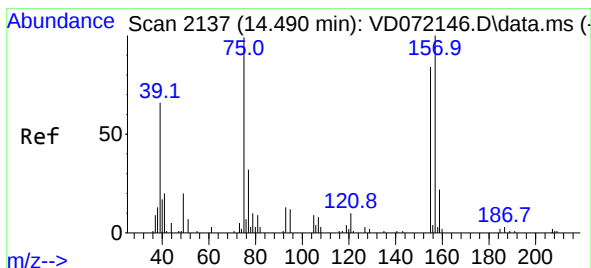
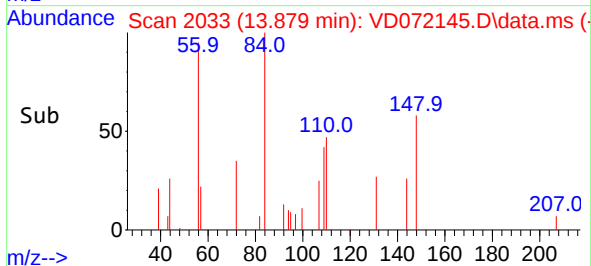
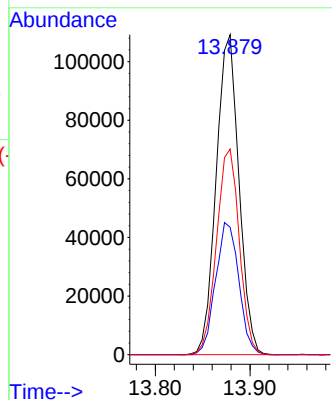
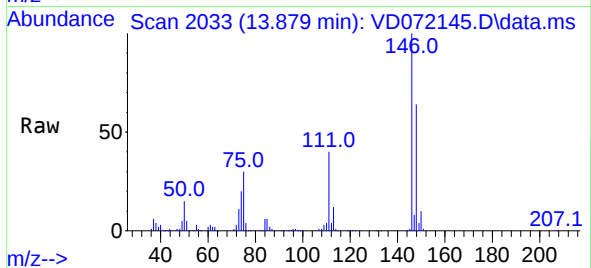
Tgt Ion:146 Resp: 182375

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.3

148 64.4 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.759 ug/l

RT: 14.491 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

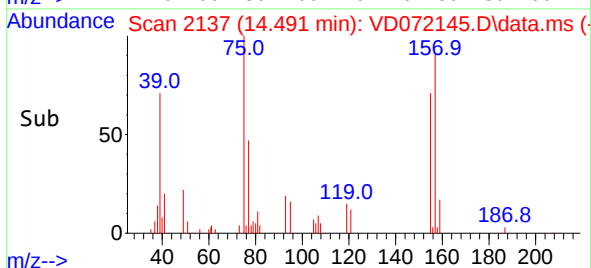
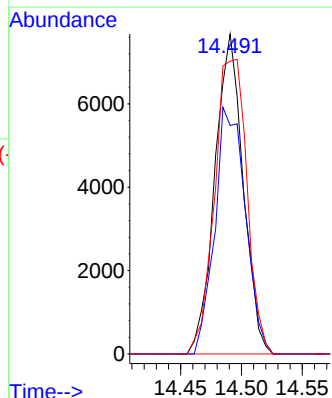
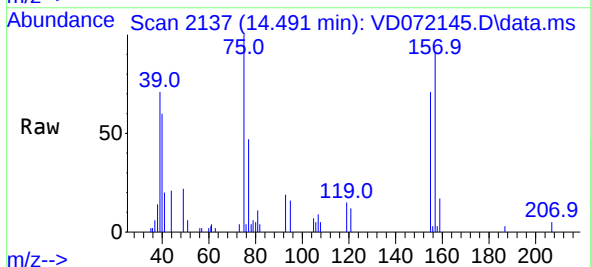
Tgt Ion: 75 Resp: 12392

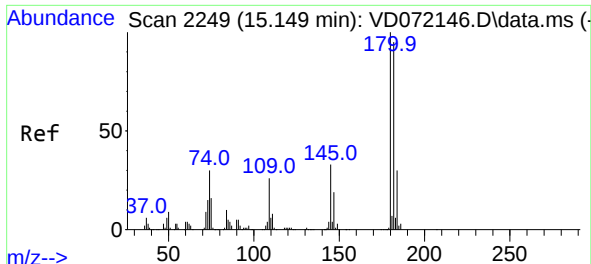
Ion Ratio Lower Upper

75 100

155 83.1 36.8 110.3

157 105.5 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 24.699 ug/l

RT: 15.144 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

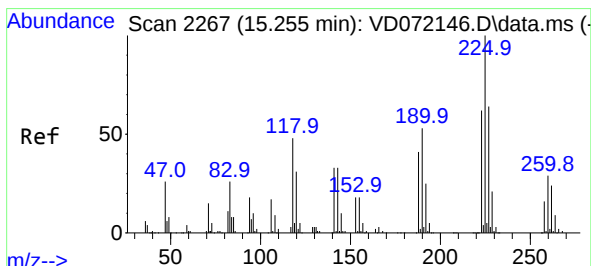
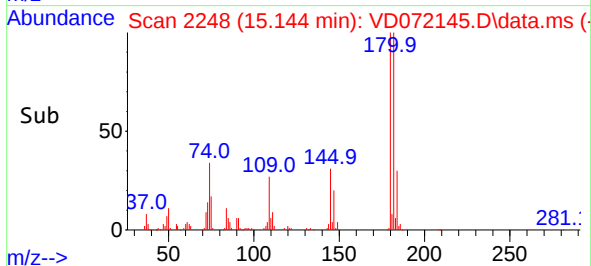
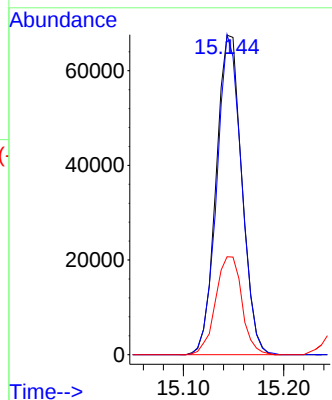
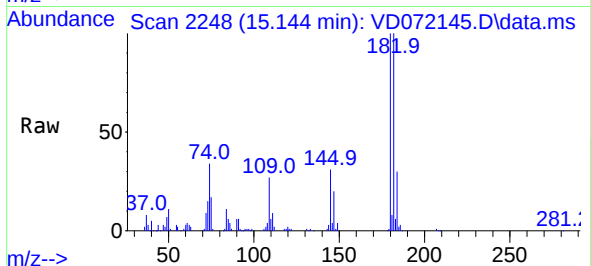
Tgt Ion:180 Resp: 120015

Ion Ratio Lower Upper

180 100

182 96.3 47.3 142.0

145 31.3 16.2 48.5



#94

Hexachlorobutadiene

Concen: 25.657 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD072145.D

Acq: 11 Mar 2022 11:43

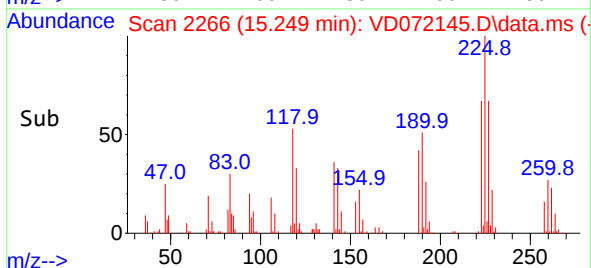
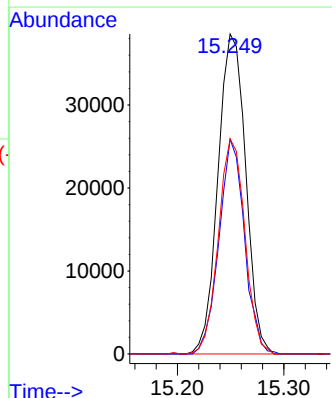
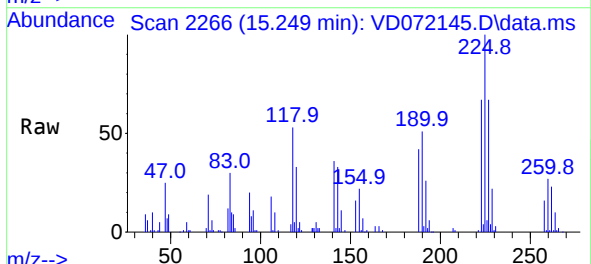
Tgt Ion:225 Resp: 69560

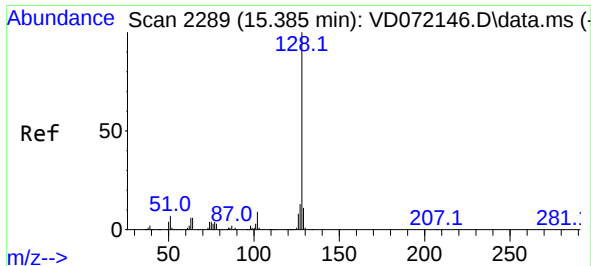
Ion Ratio Lower Upper

225 100

223 61.7 31.1 93.2

227 64.4 32.4 97.0

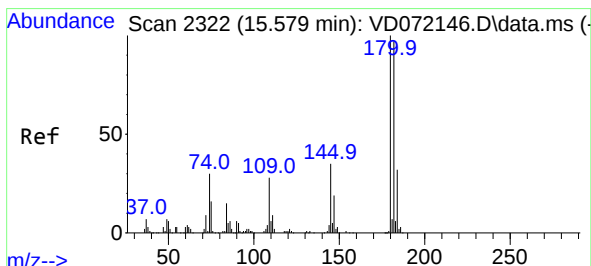
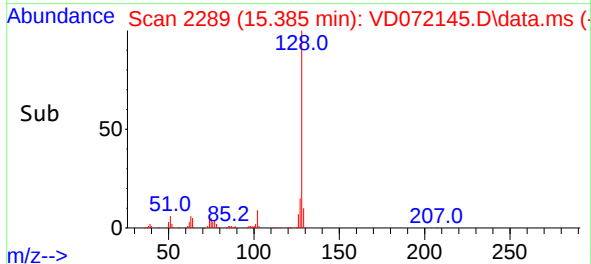
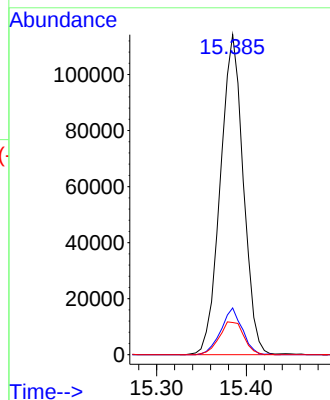
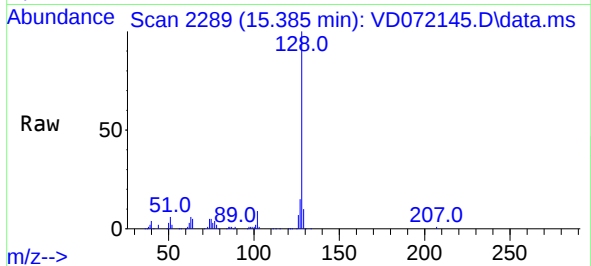




#95
Naphthalene
Concen: 23.597 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 202792
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 25.530 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072145.D
Acq: 11 Mar 2022 11:43

Tgt Ion:180 Resp: 105903
Ion Ratio Lower Upper
180 100
182 91.9 47.6 142.9
145 32.4 17.1 51.3

