

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021822\
 Data File : VD072016.D
 Acq On : 18 Feb 2022 09:23
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 19 03:38:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 03:37:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	499098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	831141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	762867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	366803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	27738	5.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.720%#
35) Dibromofluoromethane	7.914	113	26489	5.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.520%#
50) Toluene-d8	10.332	98	90795	4.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	9.720%#
62) 4-Bromofluorobenzene	12.626	95	34692	5.057	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.120%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	27701	5.887	ug/l	93
3) Chloromethane	2.209	50	29155	6.552	ug/l	93
4) Vinyl Chloride	2.350	62	27249	6.414	ug/l	99
5) Bromomethane	2.768	94	21230	7.169	ug/l	99
6) Chloroethane	2.921	64	16879	6.286	ug/l	92
7) Trichlorofluoromethane	3.273	101	49053	5.968	ug/l	97
8) Diethyl Ether	3.709	74	12619	5.386	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.103	101	29112	5.669	ug/l	95
10) Methyl Iodide	4.303	142	22643	4.481	ug/l	99
11) Tert butyl alcohol	5.220	59	9182	31.084	ug/l	100
12) 1,1-Dichloroethene	4.068	96	27554	6.041	ug/l	88
13) Acrolein	3.920	56	16094	27.630	ug/l	91
14) Allyl chloride	4.720	41	43339	5.422	ug/l	97
15) Acrylonitrile	5.420	53	31745	25.069	ug/l	95
16) Acetone	4.156	43	34583	30.909	ug/l	92
17) Carbon Disulfide	4.409	76	96328	7.368	ug/l	99
18) Methyl Acetate	4.715	43	24073	7.530	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	54971	4.954	ug/l	91
20) Methylene Chloride	4.962	84	34839	6.256	ug/l	# 94
21) trans-1,2-Dichloroethene	5.467	96	29648	5.785	ug/l	# 89
22) Diisopropyl ether	6.356	45	81556	4.886	ug/l	95
23) Vinyl Acetate	6.309	43	183730	20.613	ug/l	99
24) 1,1-Dichloroethane	6.262	63	54790	5.518	ug/l	97
25) 2-Butanone	7.209	43	40782	26.372	ug/l	99
26) 2,2-Dichloropropane	7.209	77	43881	5.522	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	31555	5.374	ug/l	98
28) Bromochloromethane	7.538	49	21481	5.075	ug/l	# 13
29) Tetrahydrofuran	7.561	42	25376	25.712	ug/l	98
30) Chloroform	7.708	83	57083	5.599	ug/l	99
31) Cyclohexane	7.979	56	59162	6.470	ug/l	# 78
32) 1,1,1-Trichloroethane	7.903	97	49371	5.627	ug/l	98
36) 1,1-Dichloropropene	8.108	75	44056	5.776	ug/l	99
37) Ethyl Acetate	7.285	43	19622	5.547	ug/l	# 82
38) Carbon Tetrachloride	8.091	117	42933	5.491	ug/l	94
39) Methylcyclohexane	9.350	83	50779	5.688	ug/l	91
40) Benzene	8.344	78	119539	5.554	ug/l	96

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Feb 19 03:38:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 03:37:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	11698	5.333	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	35017	5.424	ug/l	100
43) Isopropyl Acetate	8.450	43	33360	5.065	ug/l	97
44) Trichloroethene	9.108	130	33021	5.629	ug/l	100
45) 1,2-Dichloropropane	9.385	63	31286	5.449	ug/l	95
46) Dibromomethane	9.467	93	16718	5.518	ug/l	97
47) Bromodichloromethane	9.655	83	41323	5.287	ug/l	98
48) Methyl methacrylate	9.450	41	17061	5.128	ug/l	94
49) 1,4-Dioxane	9.455	88	4169	115.987	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	83211	23.837	ug/l	95
52) Toluene	10.397	92	74096	5.379	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	36372	5.088	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	44374	5.245	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	21962	5.151	ug/l	93
56) Ethyl methacrylate	10.655	69	23014	4.520	ug/l	97
57) 1,3-Dichloropropane	10.938	76	38472	5.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	58426	25.648	ug/l	99
59) 2-Hexanone	10.979	43	58739	24.669	ug/l	93
60) Dibromochloromethane	11.132	129	28453	5.344	ug/l	99
61) 1,2-Dibromoethane	11.244	107	21963	5.390	ug/l	98
64) Tetrachloroethene	10.867	164	28887	5.998	ug/l	93
65) Chlorobenzene	11.661	112	79815	5.398	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	28433	5.181	ug/l	98
67) Ethyl Benzene	11.738	91	133895	5.150	ug/l	99
68) m/p-Xylenes	11.844	106	102128	10.262	ug/l	99
69) o-Xylene	12.173	106	46444	4.961	ug/l	95
70) Styrene	12.185	104	74894	4.662	ug/l	96
71) Bromoform	12.349	173	16981	5.396	ug/l #	95
73) Isopropylbenzene	12.473	105	122321	4.857	ug/l	100
74) N-amyl acetate	12.279	43	29281	4.815	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	26985	5.419	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	31654	8.191	ug/l #	100
77) Bromobenzene	12.755	156	30390	5.153	ug/l	98
78) n-propylbenzene	12.814	91	149196	4.820	ug/l	100
79) 2-Chlorotoluene	12.896	91	88772	4.955	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	99349	4.724	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	7056	5.086	ug/l	95
82) 4-Chlorotoluene	12.996	91	94784	5.083	ug/l	100
83) tert-Butylbenzene	13.214	119	84079	4.653	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	96660	4.676	ug/l	99
85) sec-Butylbenzene	13.391	105	131171	4.766	ug/l	99
86) p-Isopropyltoluene	13.502	119	107309	4.740	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	61844	5.187	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	65232	5.445	ug/l	94
89) n-Butylbenzene	13.832	91	101350	4.708	ug/l	100
90) Hexachloroethane	14.096	117	23182	5.102	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	54130	5.177	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	3907	5.037	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	31754	4.945	ug/l	99
94) Hexachlorobutadiene	15.249	225	18015	5.102	ug/l	97
95) Naphthalene	15.385	128	49563	4.251	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	24770	4.472	ug/l	99

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

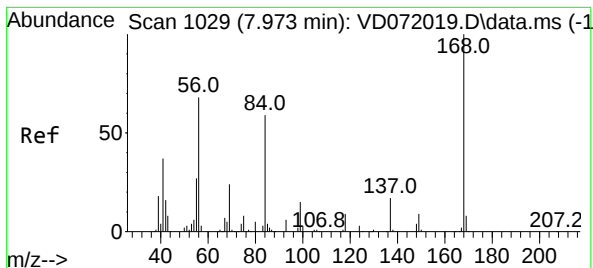
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Quant Title : SW846 8260
QLast Update : Sat Feb 19 03:37:16 2022
Response via : Initial Calibration

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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Quant Title : SW846 8260
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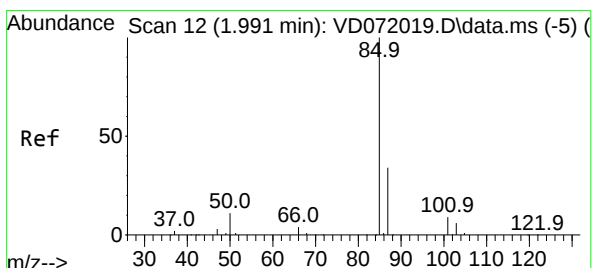
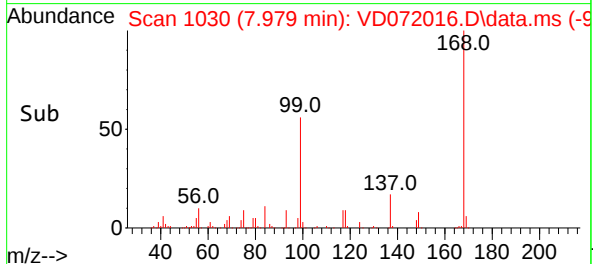
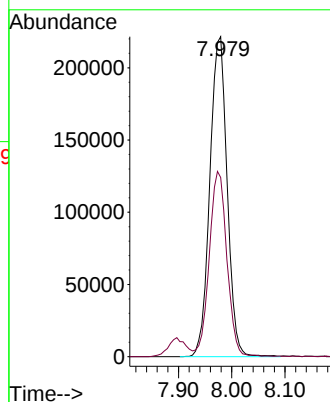
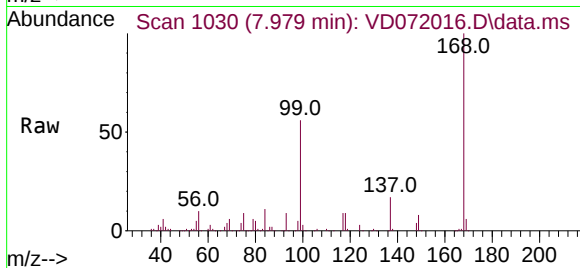




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

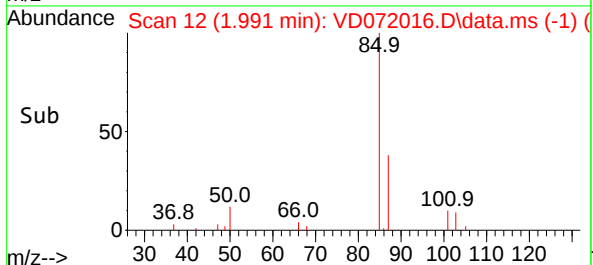
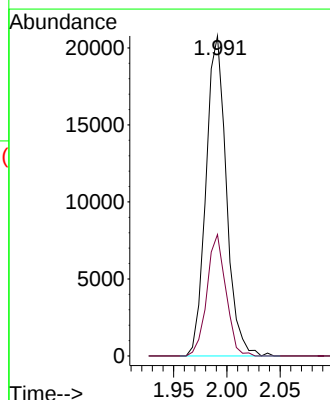
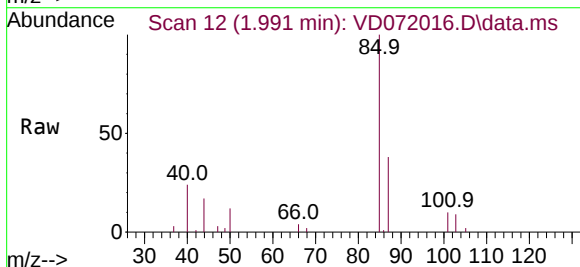
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

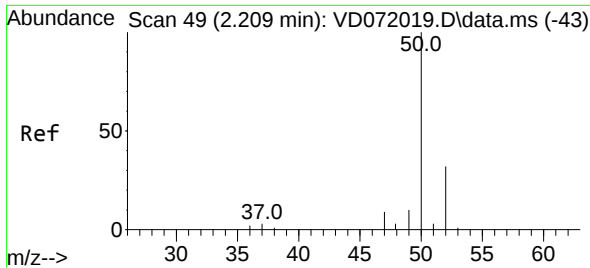
Tgt Ion:168 Resp: 499098
Ion Ratio Lower Upper
168 100
99 55.8 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 5.887 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 85 Resp: 27701
Ion Ratio Lower Upper
85 100
87 38.0 17.0 51.0

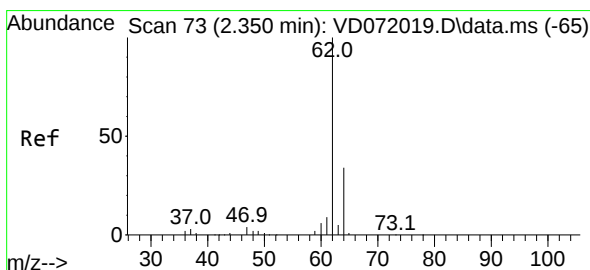
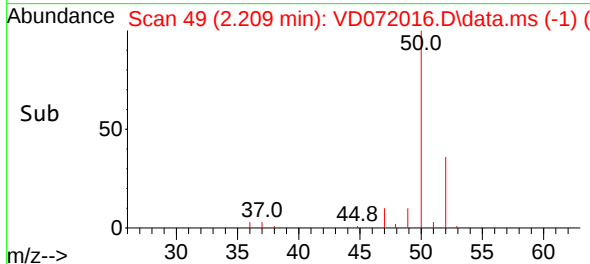
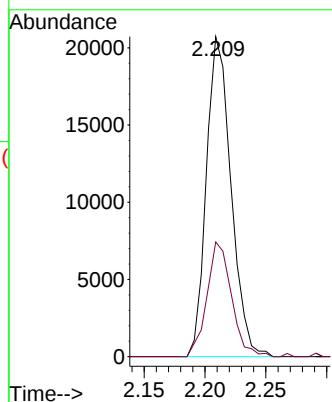
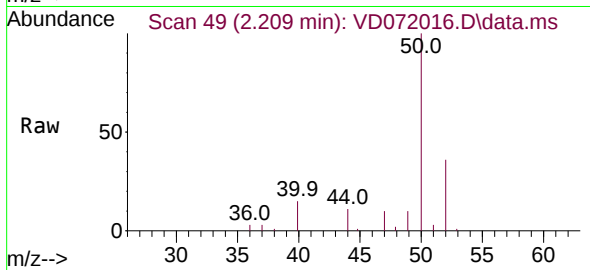




#3
Chloromethane
Concen: 6.552 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

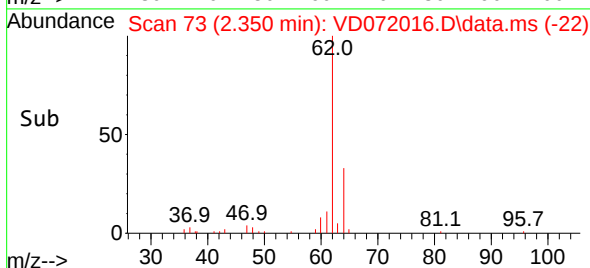
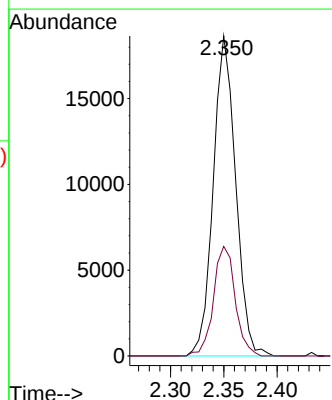
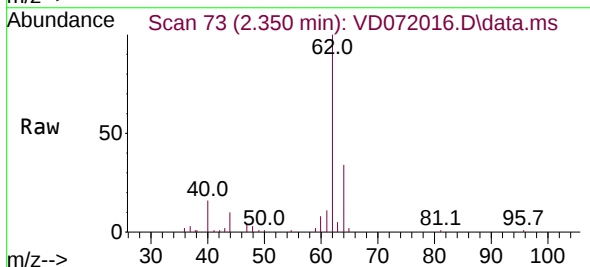
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

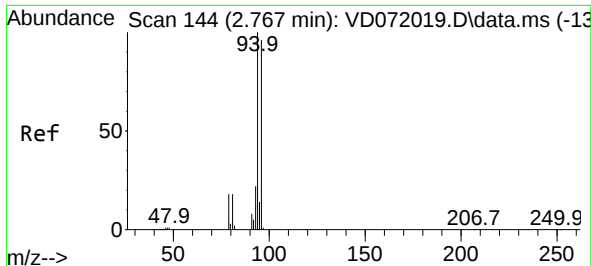
Tgt Ion: 50 Resp: 29155
Ion Ratio Lower Upper
50 100
52 35.9 25.5 38.3



#4
Vinyl Chloride
Concen: 6.414 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 62 Resp: 27249
Ion Ratio Lower Upper
62 100
64 34.3 27.0 40.6

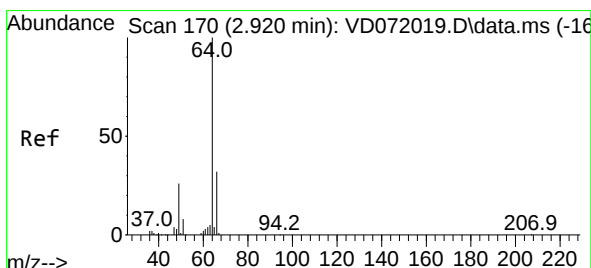
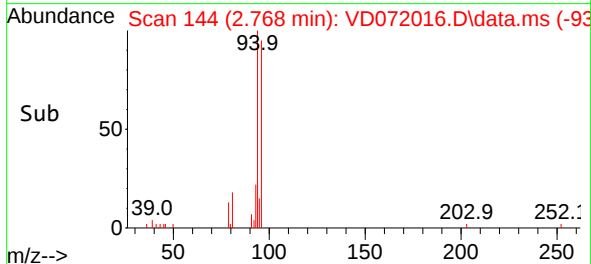
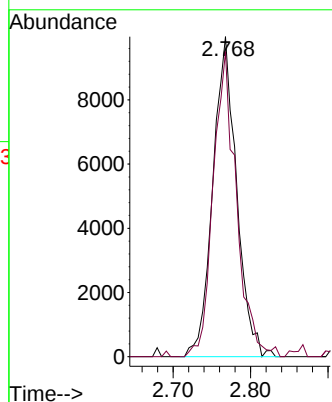
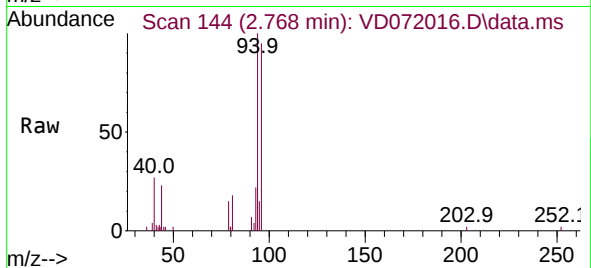




#5
Bromomethane
Concen: 7.169 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

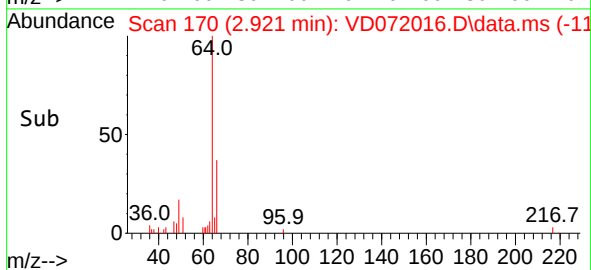
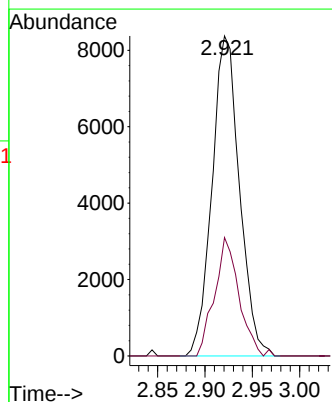
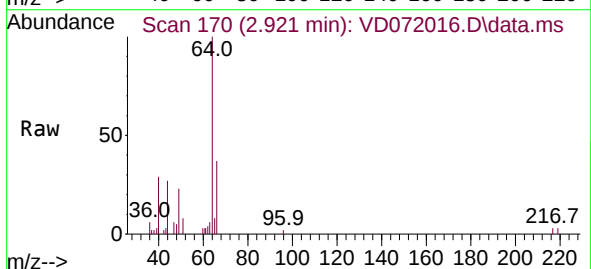
Instrument :
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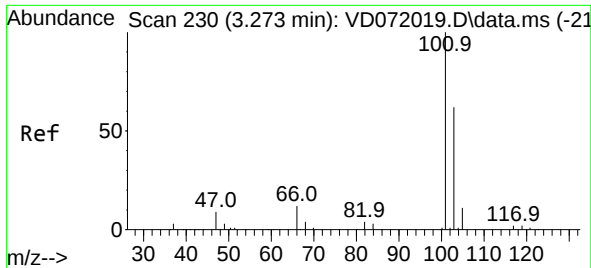
Tgt Ion: 94 Resp: 21230
Ion Ratio Lower Upper
94 100
96 95.3 76.8 115.2



#6
Chloroethane
Concen: 6.286 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 64 Resp: 16879
Ion Ratio Lower Upper
64 100
66 37.0 25.9 38.9

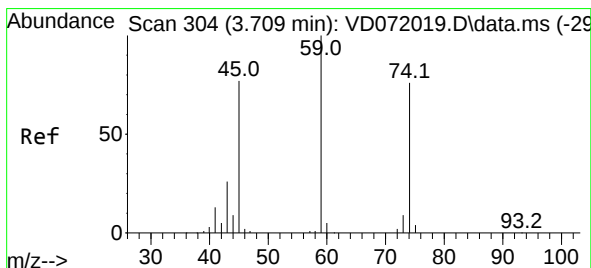
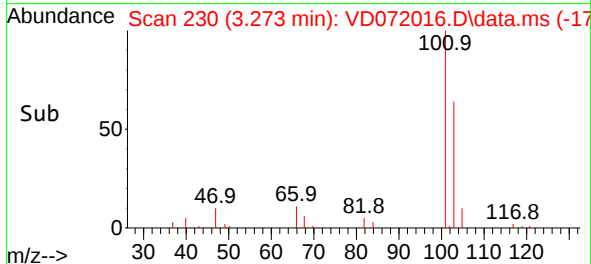
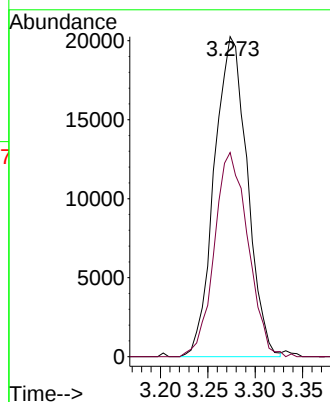
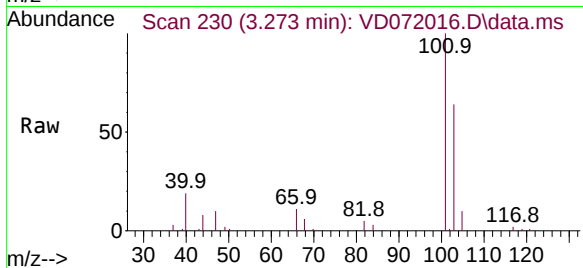




#7
Trichlorofluoromethane
Concen: 5.968 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

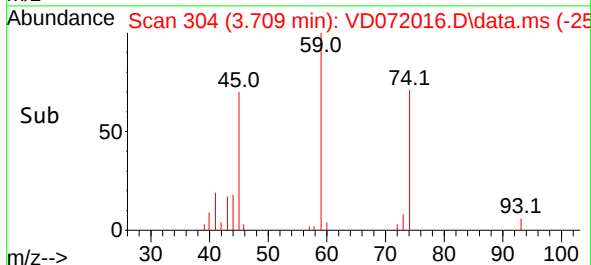
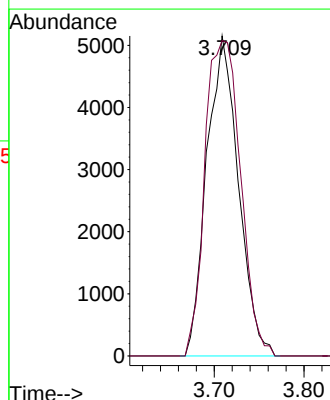
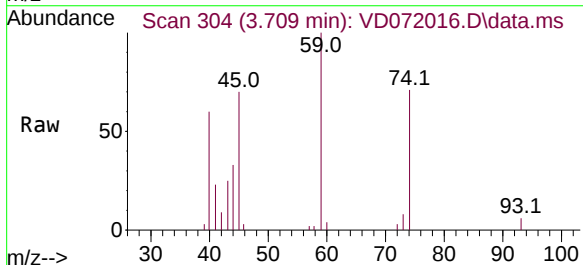
Instrument :
MSVOA_D
ClientSampleId :
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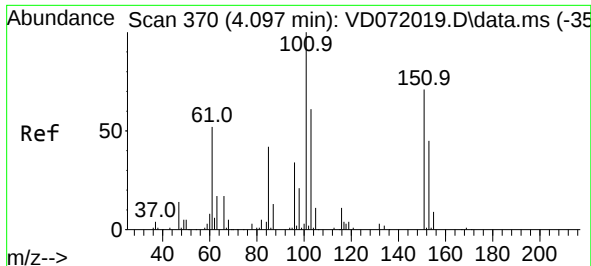
Tgt Ion:101 Resp: 49053
Ion Ratio Lower Upper
101 100
103 63.8 49.4 74.2



#8
Diethyl Ether
Concen: 5.386 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 74 Resp: 12619
Ion Ratio Lower Upper
74 100
45 110.9 50.9 152.8

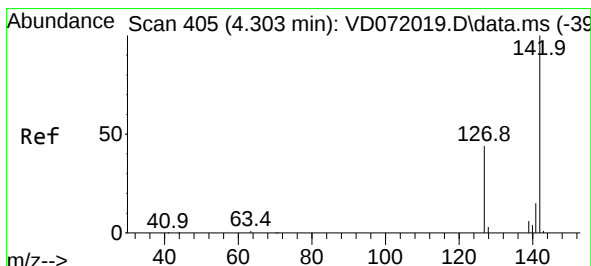
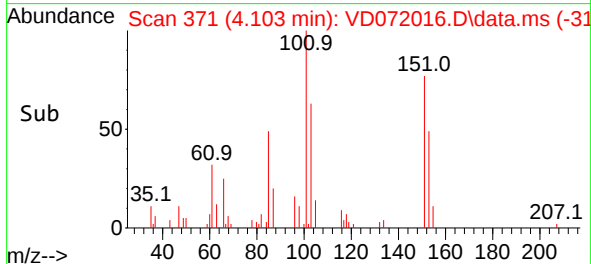
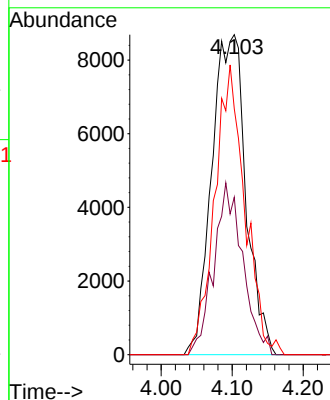
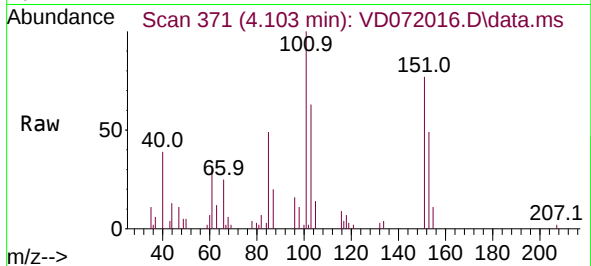




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.669 ug/l
RT: 4.103 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072016.D
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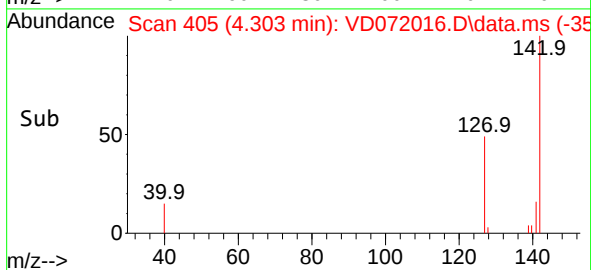
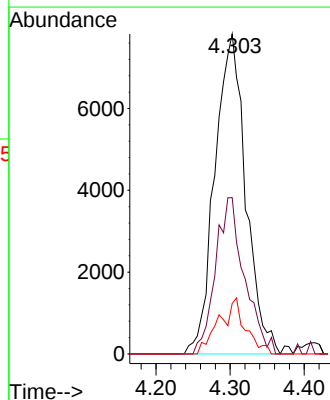
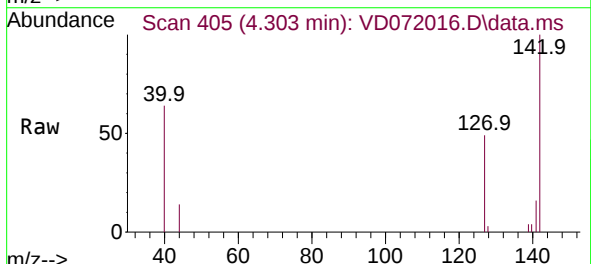
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

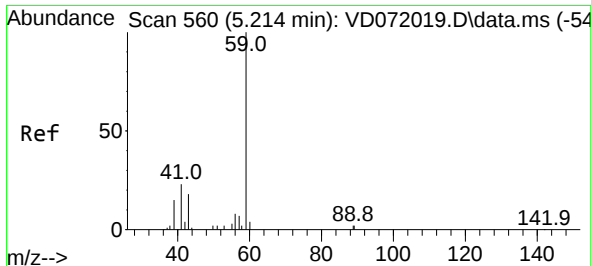
Tgt Ion:101 Resp: 29112
Ion Ratio Lower Upper
101 100
85 45.4 34.1 51.1
151 79.8 59.8 89.6



#10
Methyl Iodide
Concen: 4.481 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion:142 Resp: 22643
Ion Ratio Lower Upper
142 100
127 45.7 35.8 53.8
141 14.9 11.6 17.4

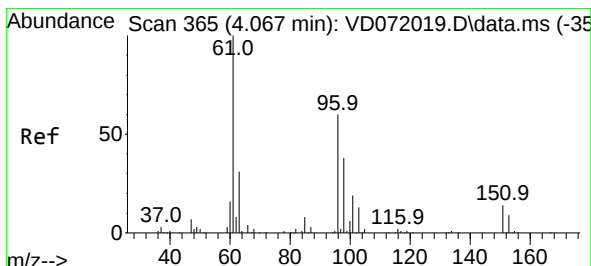
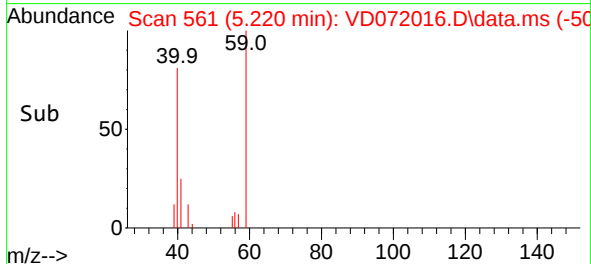
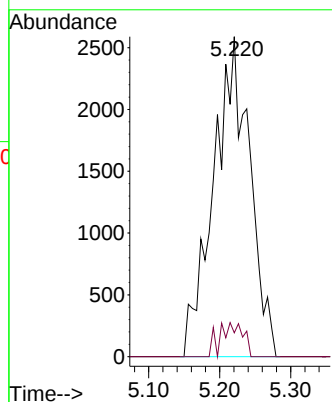
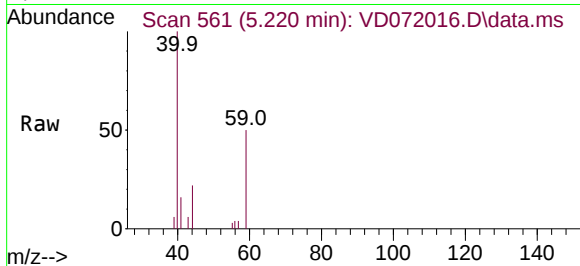




#11
Tert butyl alcohol
Concen: 31.084 ug/l
RT: 5.220 min Scan# 509
Delta R.T. 0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

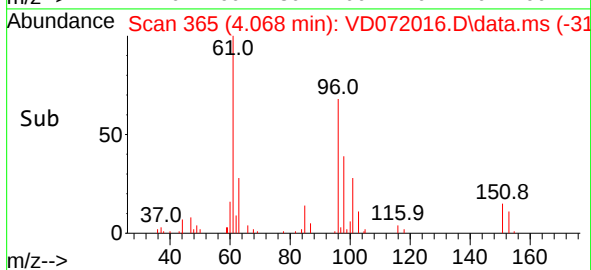
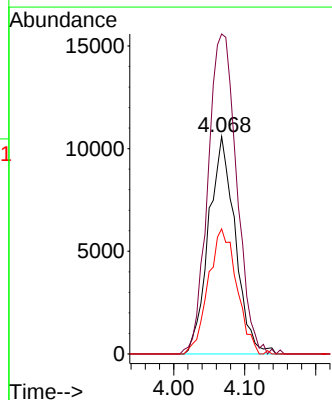
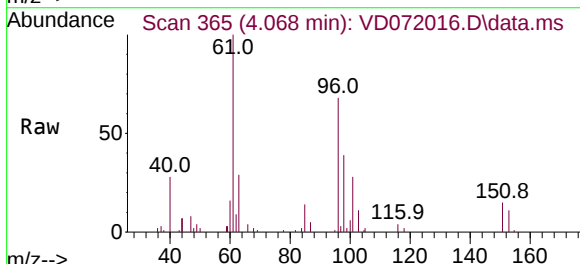
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

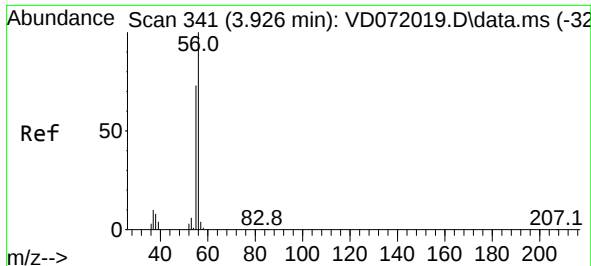
Tgt Ion: 59 Resp: 9182
Ion Ratio Lower Upper
59 100
57 6.8 5.4 8.2



#12
1,1-Dichloroethene
Concen: 6.041 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 96 Resp: 27554
Ion Ratio Lower Upper
96 100
61 147.1 132.8 199.2
98 57.5 50.1 75.1

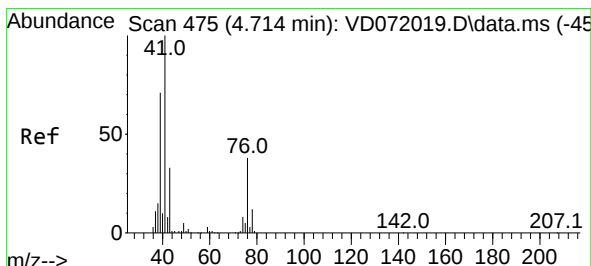
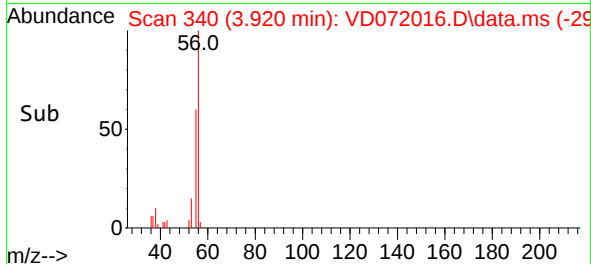
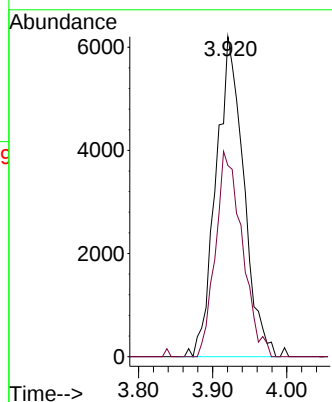
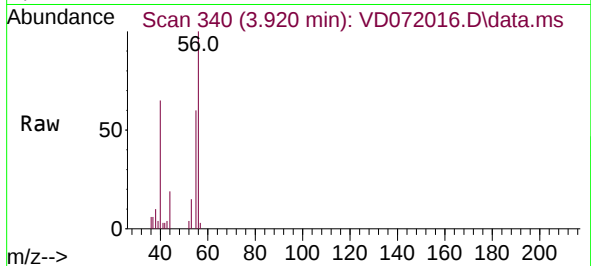




#13
Acrolein
Concen: 27.630 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

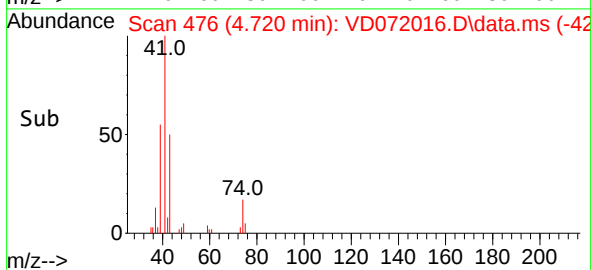
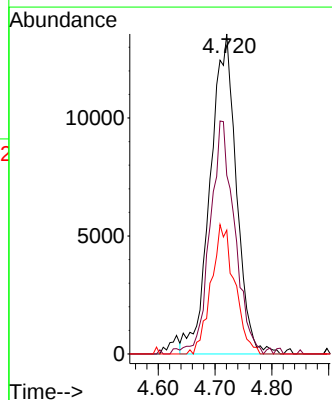
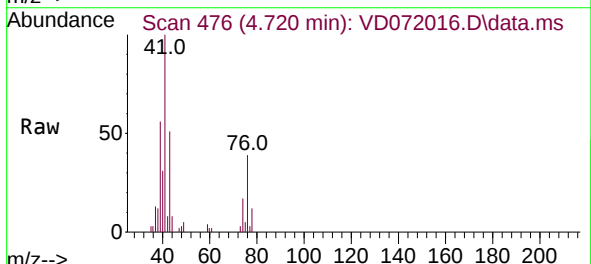
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

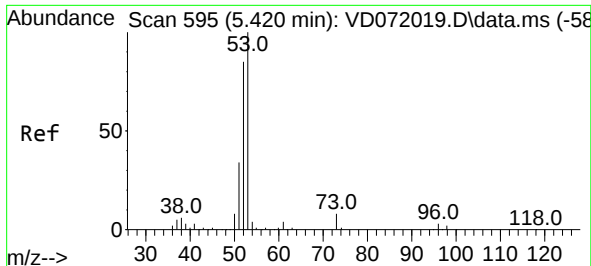
Tgt Ion: 56 Resp: 16094
Ion Ratio Lower Upper
56 100
55 62.0 55.8 83.6



#14
Allyl chloride
Concen: 5.422 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 41 Resp: 43339
Ion Ratio Lower Upper
41 100
39 68.3 52.2 78.2
76 36.3 28.1 42.1

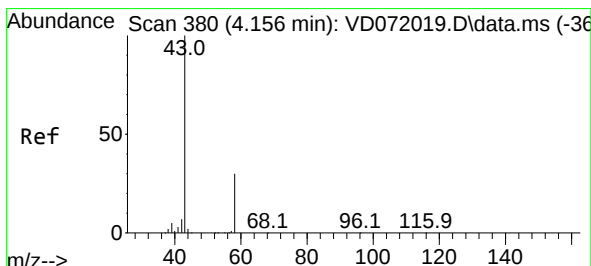
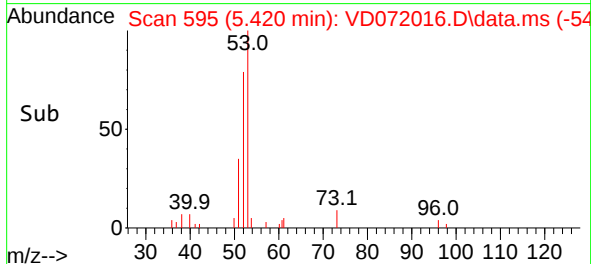
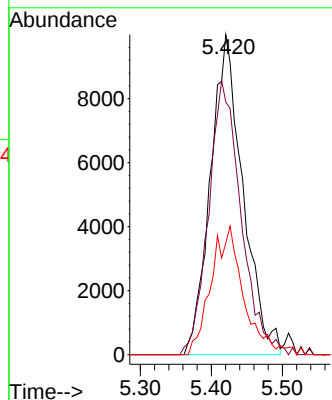
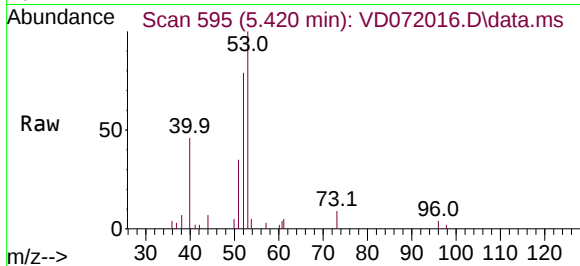




#15
Acrylonitrile
Concen: 25.069 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

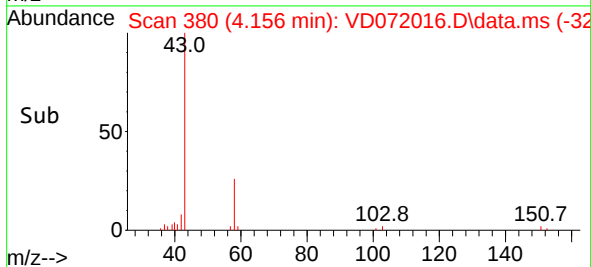
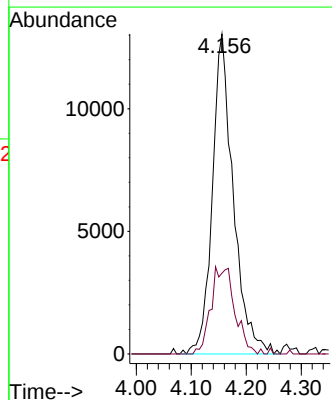
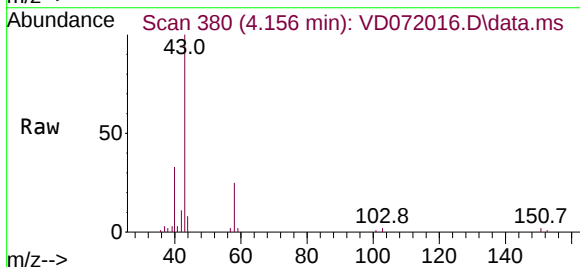
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

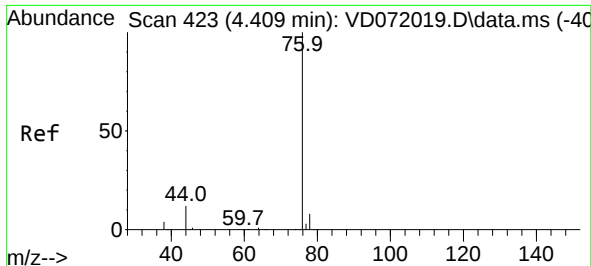
Tgt Ion:	53	Resp:	31745
Ion	Ratio	Lower	Upper
53	100		
52	85.7	65.8	98.6
51	40.7	29.4	44.0



#16
Acetone
Concen: 30.909 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion:	43	Resp:	34583
Ion	Ratio	Lower	Upper
43	100		
58	25.2	23.8	35.6

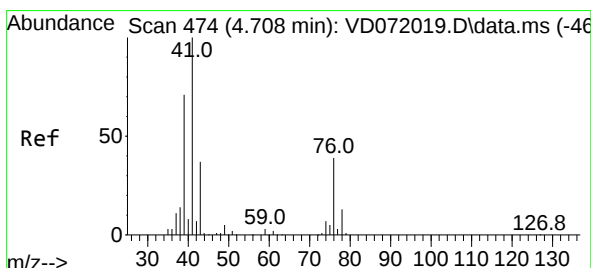
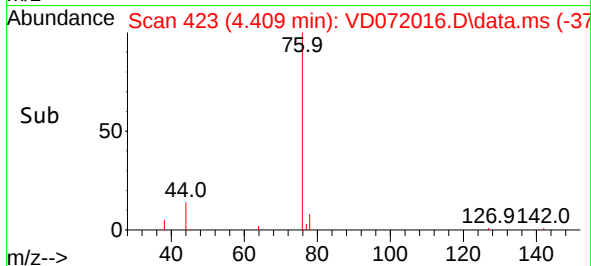
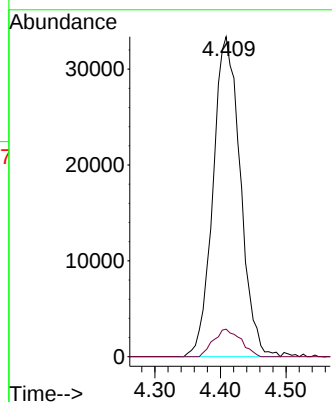
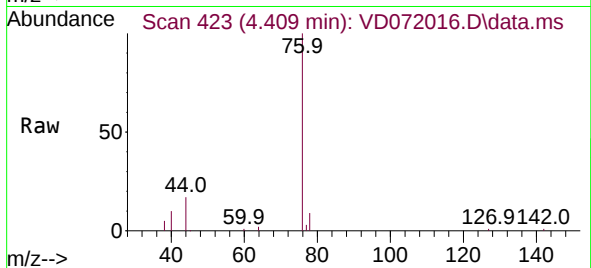




#17
Carbon Disulfide
Concen: 7.368 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

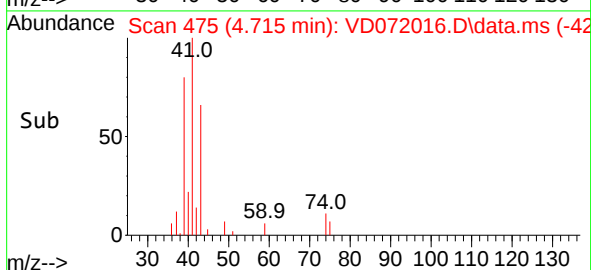
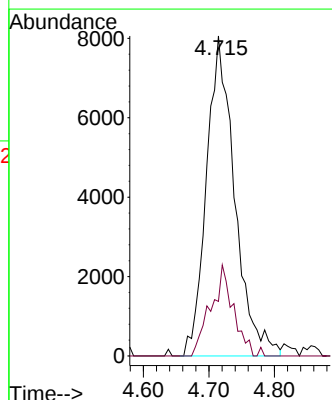
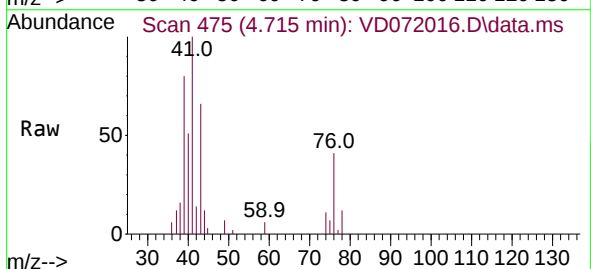
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

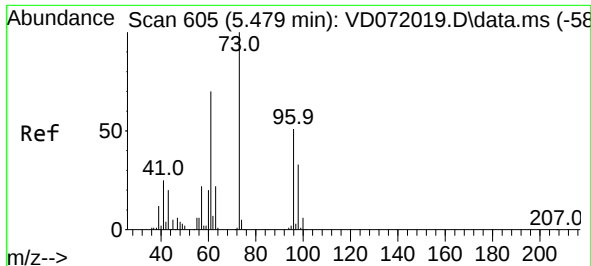
Tgt Ion: 76 Resp: 96328
Ion Ratio Lower Upper
76 100
78 8.6 6.7 10.1



#18
Methyl Acetate
Concen: 7.530 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 43 Resp: 24073
Ion Ratio Lower Upper
43 100
74 22.6 18.6 27.8

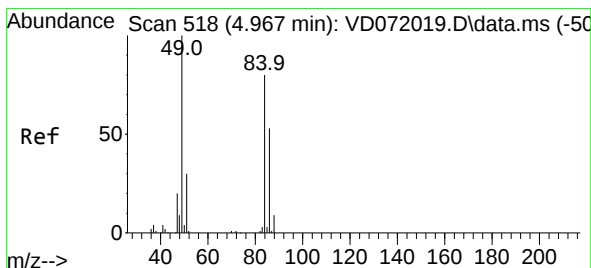
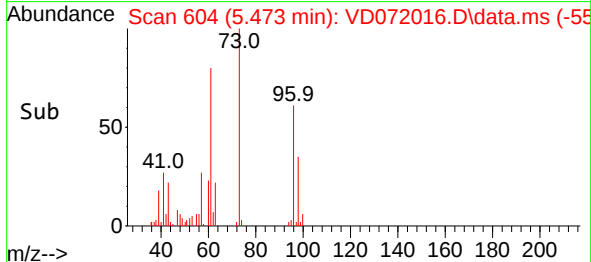
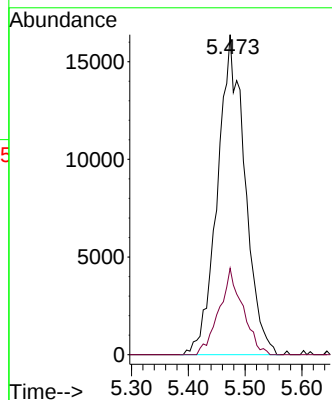
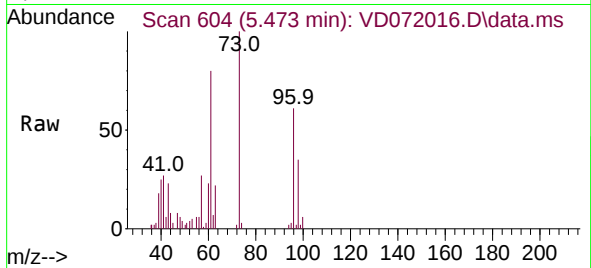




#19
Methyl tert-butyl Ether
Concen: 4.954 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

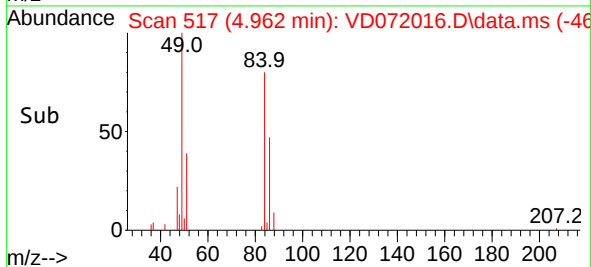
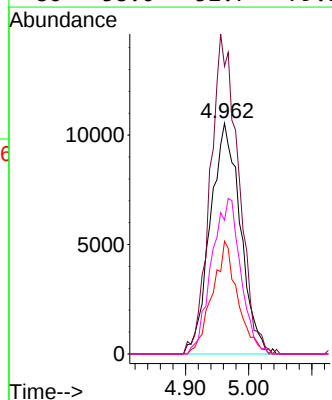
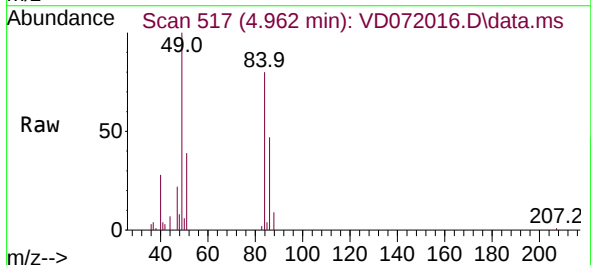
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

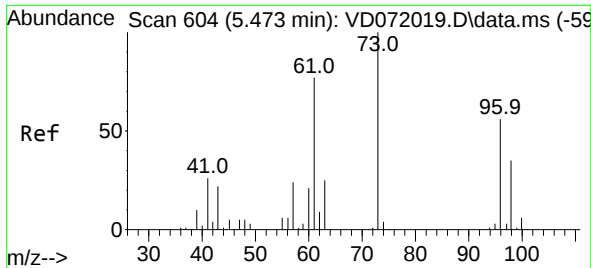
Tgt Ion: 73 Resp: 54971
Ion Ratio Lower Upper
73 100
57 27.0 18.0 27.0



#20
Methylene Chloride
Concen: 6.256 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 84 Resp: 34839
Ion Ratio Lower Upper
84 100
49 124.7 100.0 150.0
51 48.9 30.2 45.4#
86 58.0 52.7 79.1

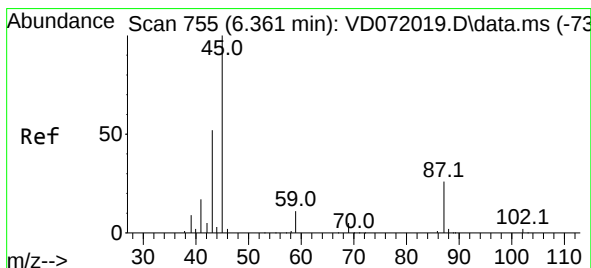
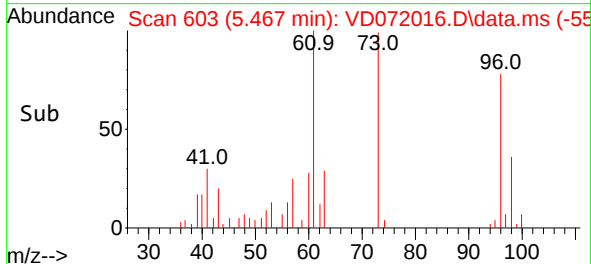
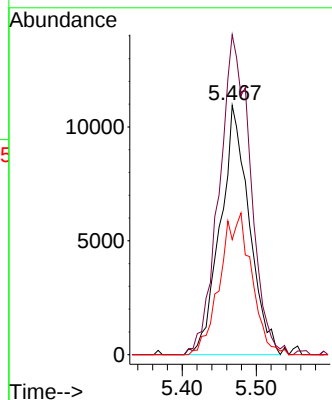
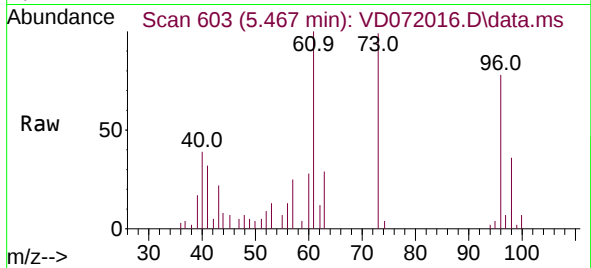




#21
trans-1,2-Dichloroethene
Concen: 5.785 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

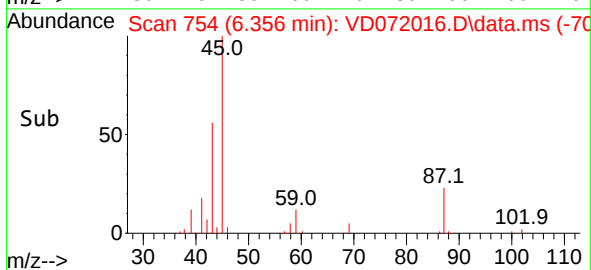
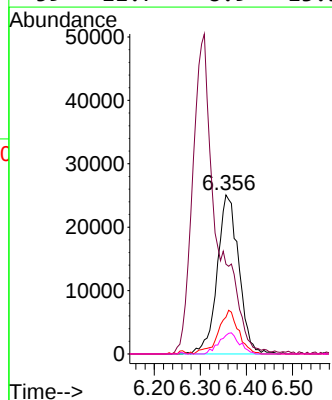
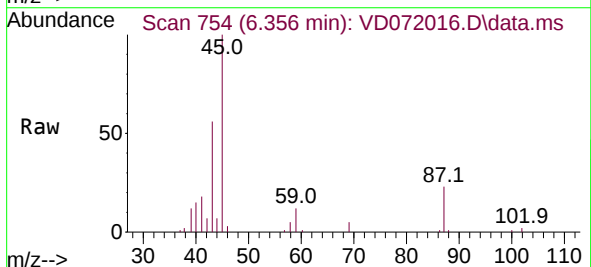
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

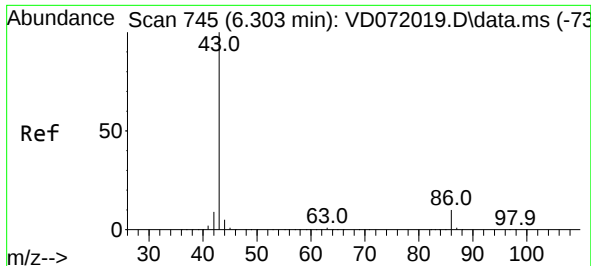
Tgt Ion: 96 Resp: 29648
Ion Ratio Lower Upper
96 100
61 128.3 109.4 164.0
98 46.1 49.6 74.4#



#22
Diisopropyl ether
Concen: 4.886 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 45 Resp: 81556
Ion Ratio Lower Upper
45 100
43 55.4 41.3 61.9
87 23.1 20.4 30.6
59 11.7 8.9 13.3

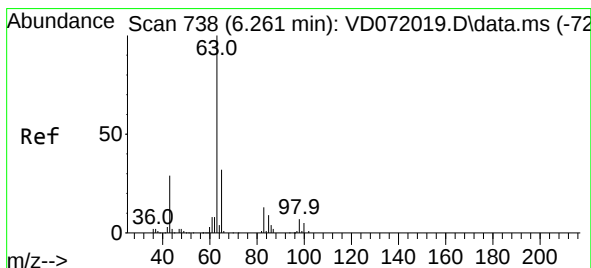
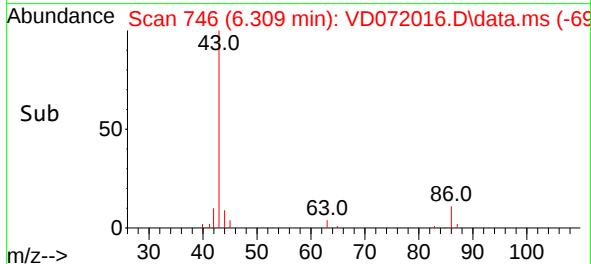
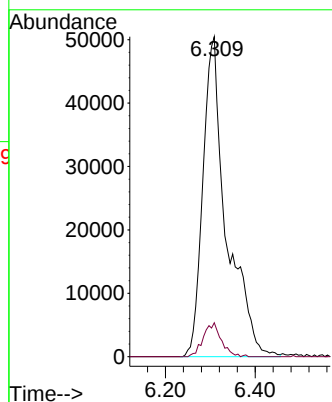
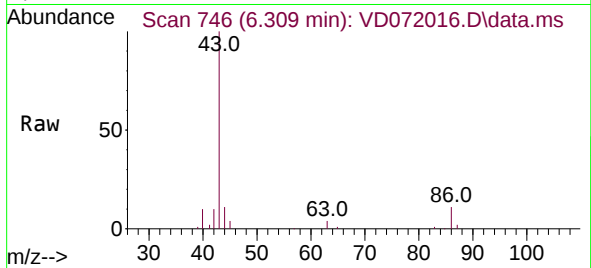




#23
 Vinyl Acetate
 Concen: 20.613 ug/l
 RT: 6.309 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD072016.D
 Acq: 18 Feb 2022 09:23

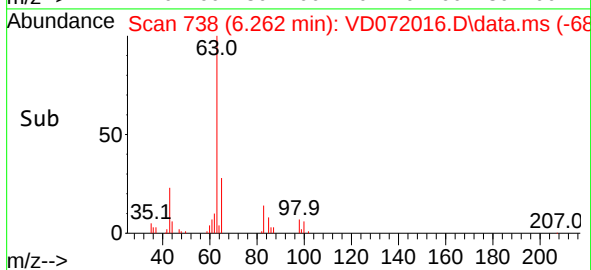
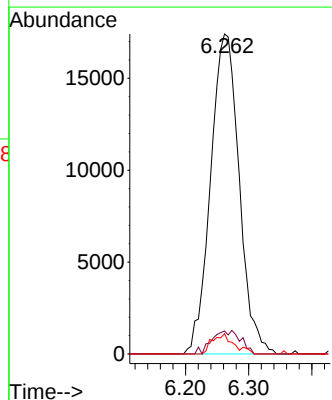
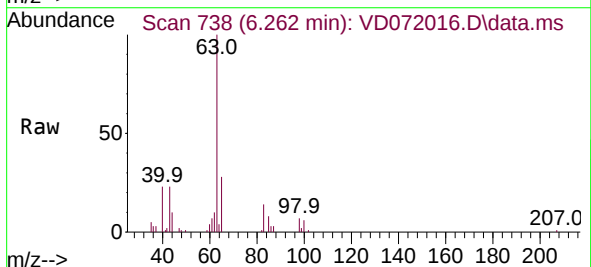
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

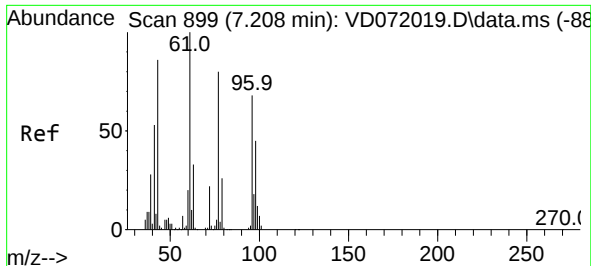
Tgt Ion: 43 Resp: 183730
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 5.518 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072016.D
 Acq: 18 Feb 2022 09:23

Tgt Ion: 63 Resp: 54790
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 6.4 2.4 7.1

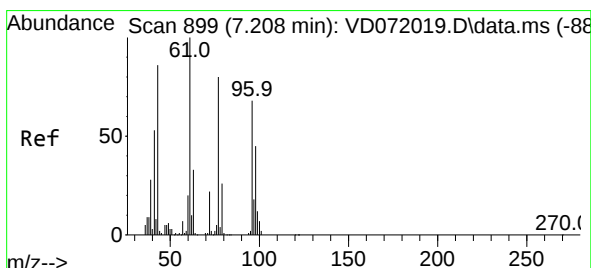
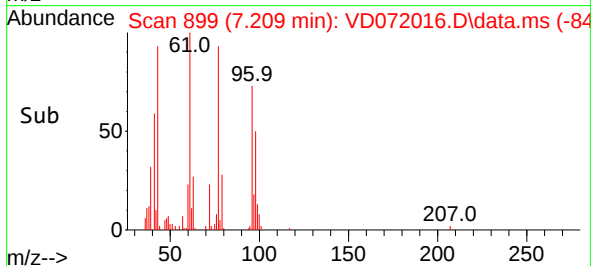
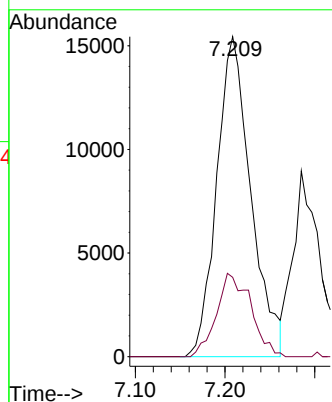
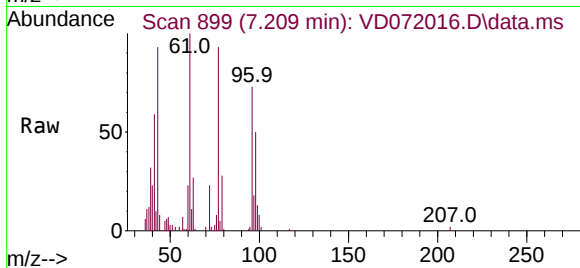




#25
2-Butanone
Concen: 26.372 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

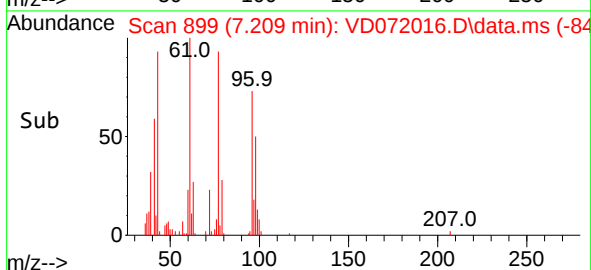
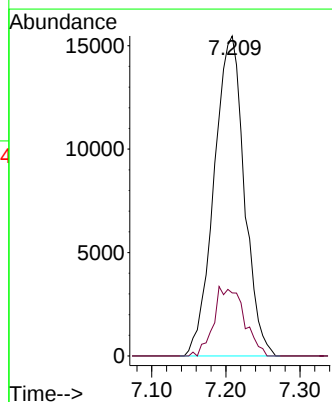
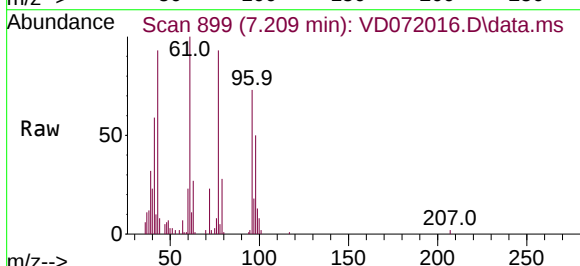
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

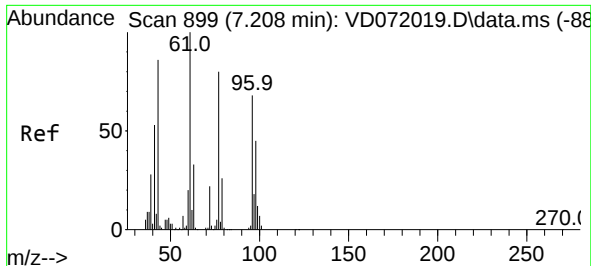
Tgt Ion: 43 Resp: 40782
Ion Ratio Lower Upper
43 100
72 24.8 20.3 30.5



#26
2,2-Dichloropropane
Concen: 5.522 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 77 Resp: 43881
Ion Ratio Lower Upper
77 100
97 21.5 11.4 34.1

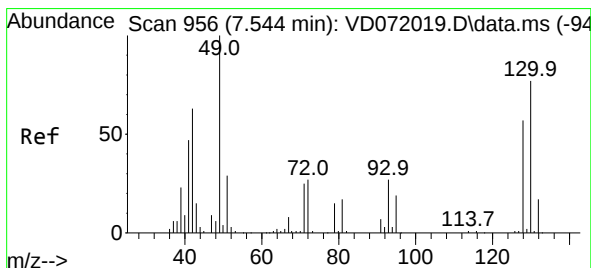
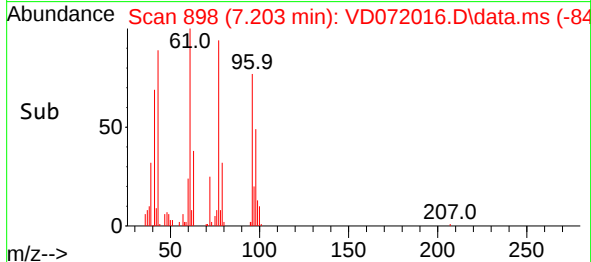
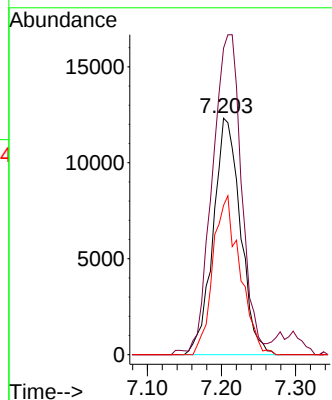
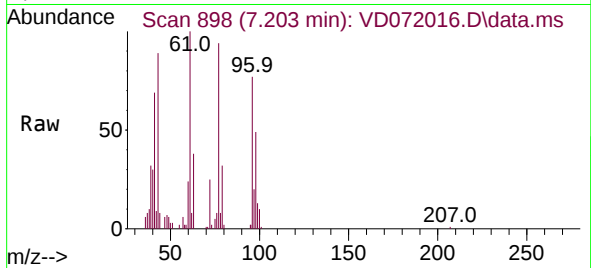




#27
 cis-1,2-Dichloroethene
 Concen: 5.374 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD072016.D
 Acq: 18 Feb 2022 09:23

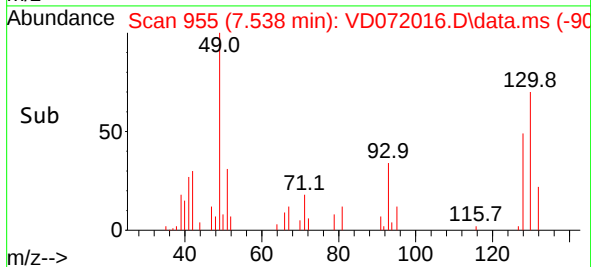
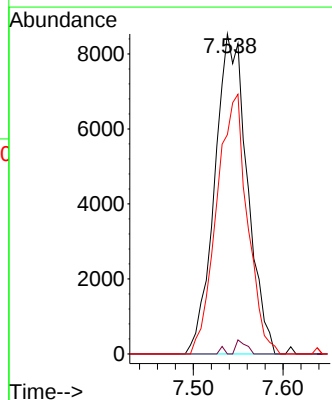
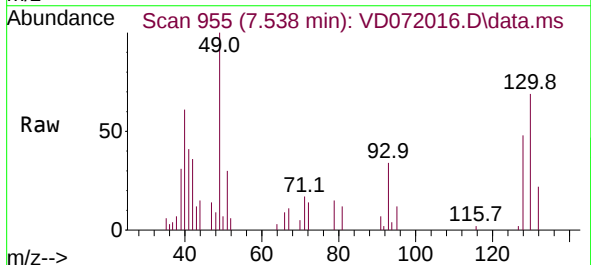
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

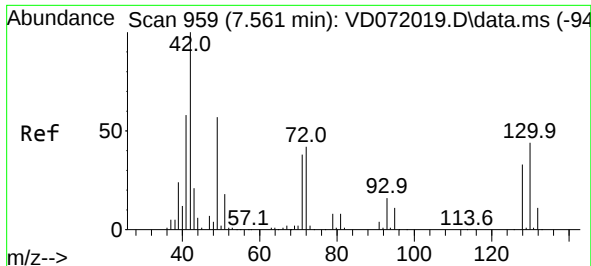
Tgt Ion:	96	Resp:	31555
Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	295.6
98	66.6	0.0	129.8



#28
 Bromochloromethane
 Concen: 5.075 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD072016.D
 Acq: 18 Feb 2022 09:23

Tgt Ion:	49	Resp:	21481
Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	4.2
130	0.0	61.1	91.7#

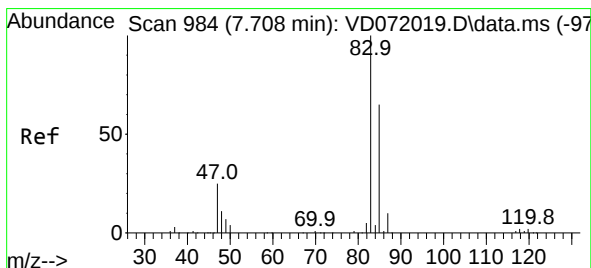
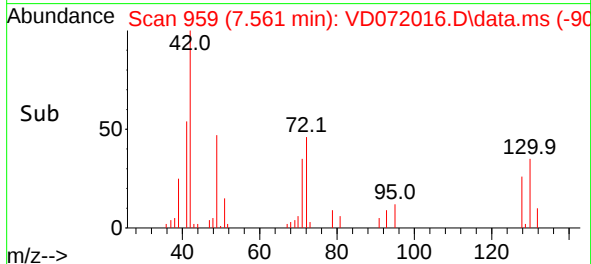
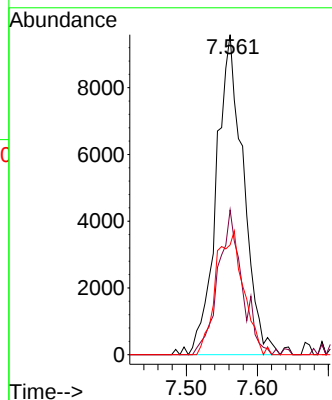
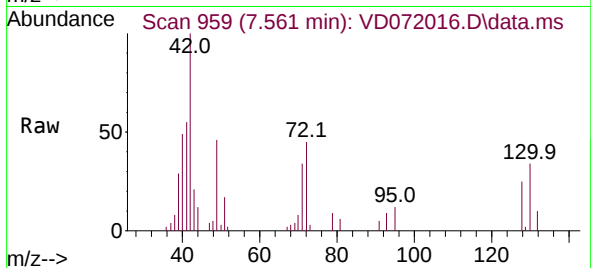




#29
Tetrahydrofuran
Concen: 25.712 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

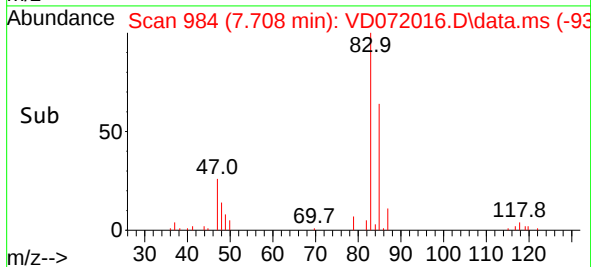
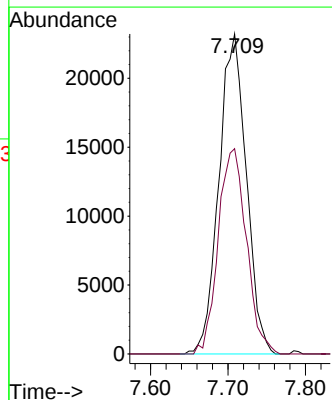
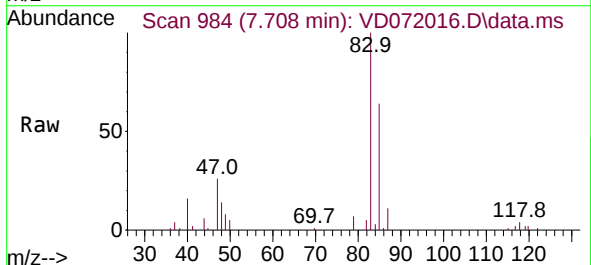
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

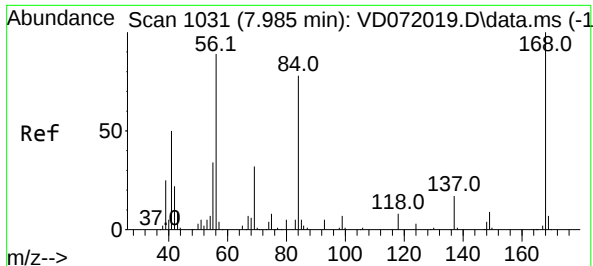
Tgt Ion: 42 Resp: 25376
Ion Ratio Lower Upper
42 100
72 40.1 33.6 50.4
71 39.6 31.0 46.4



#30
Chloroform
Concen: 5.599 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 83 Resp: 57083
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.2

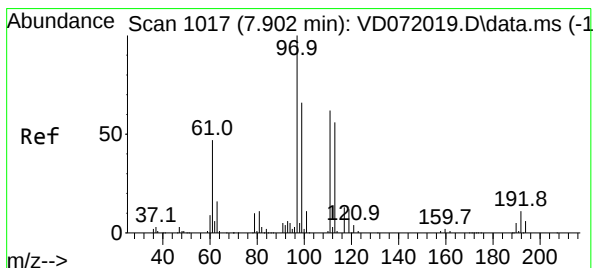
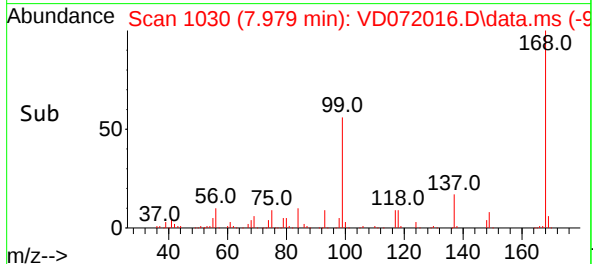
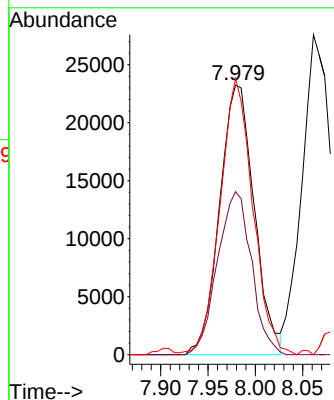
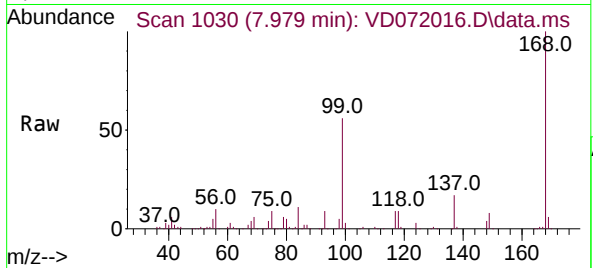




#31
Cyclohexane
Concen: 6.470 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

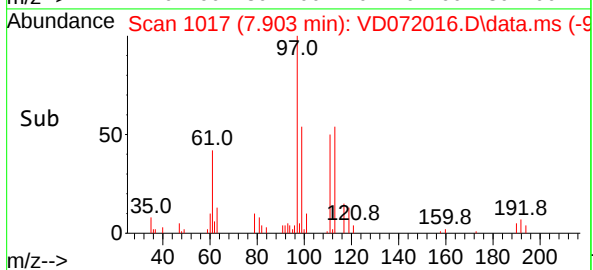
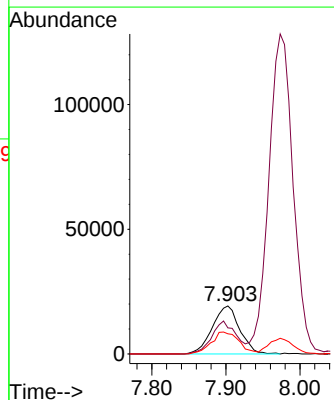
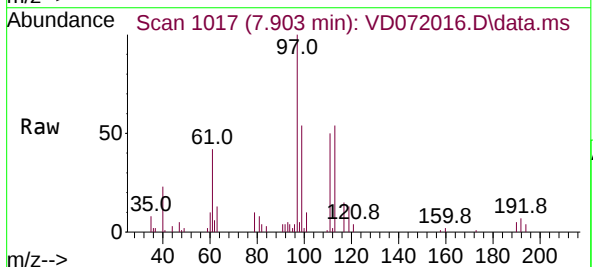
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

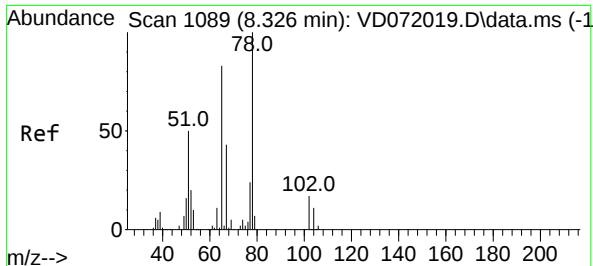
Tgt Ion: 56 Resp: 59162
Ion Ratio Lower Upper
56 100
69 60.5 28.9 43.3#
84 101.7 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 5.627 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 97 Resp: 49371
Ion Ratio Lower Upper
97 100
99 61.0 51.2 76.8
61 46.4 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 5.358 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

Instrument :

MSVOA_D

ClientSampleId :

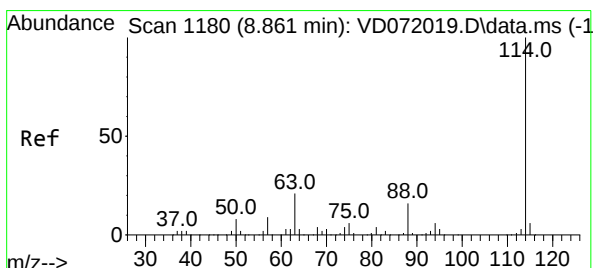
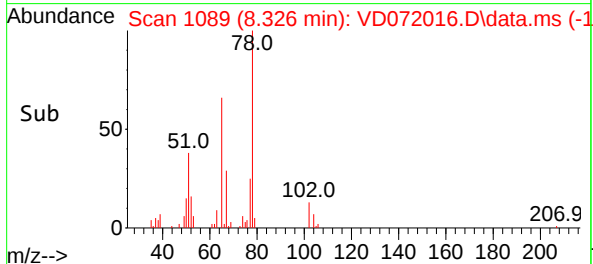
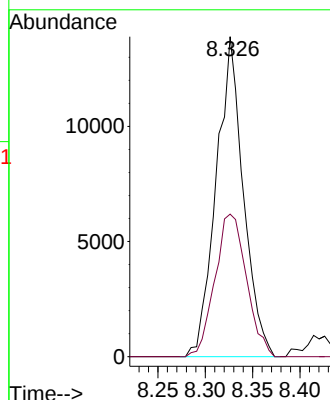
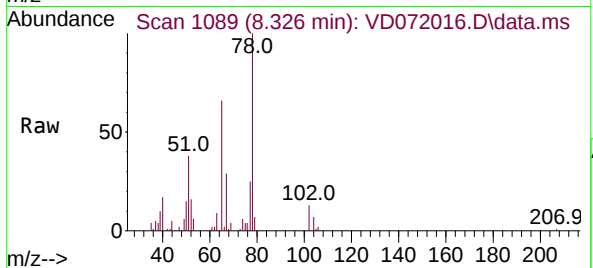
VSTDIC005

Tgt Ion: 65 Resp: 27738

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

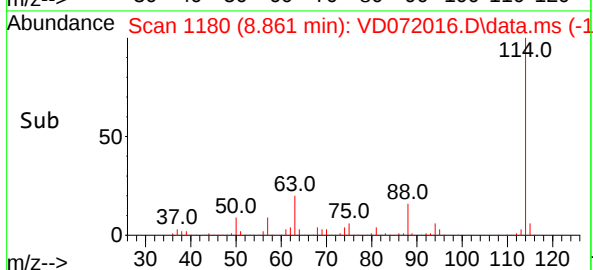
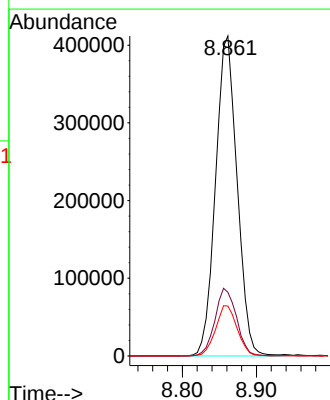
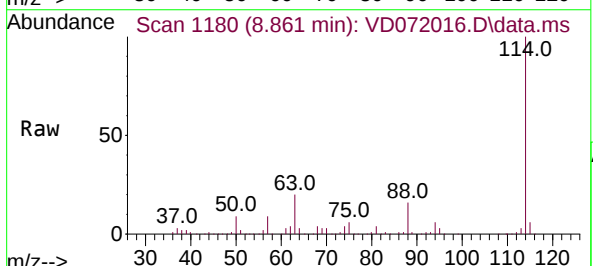
Tgt Ion: 114 Resp: 831141

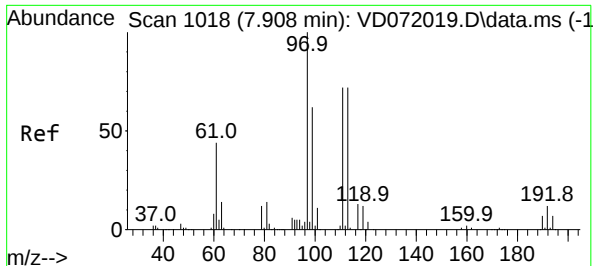
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.2

88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 5.260 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

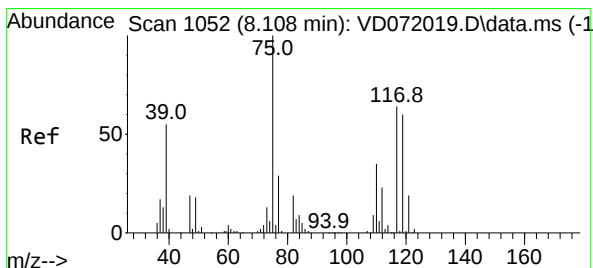
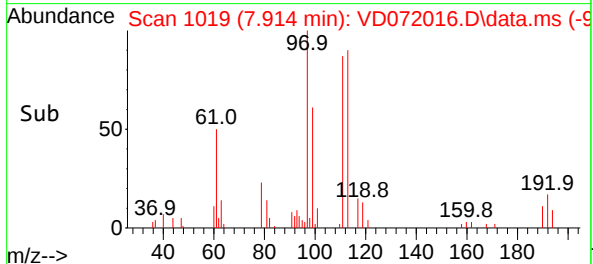
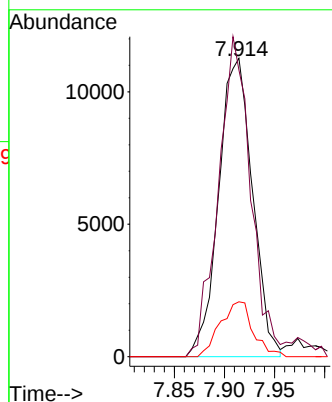
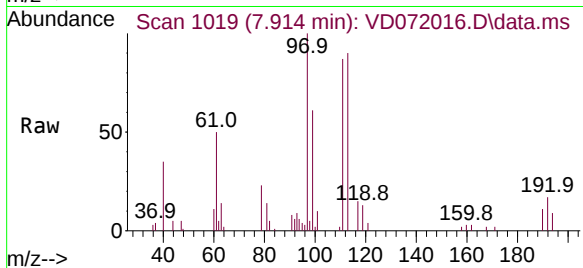
Tgt Ion:113 Resp: 26489

Ion Ratio Lower Upper

113 100

111 103.3 83.0 124.4

192 17.9 15.3 22.9



#36

1,1-Dichloropropene

Concen: 5.776 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

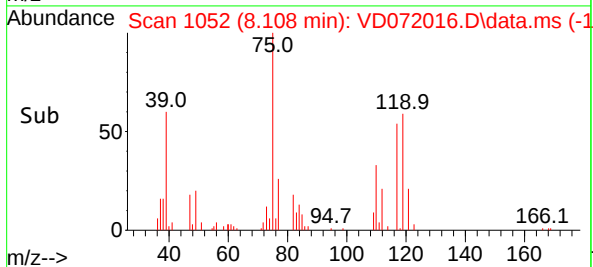
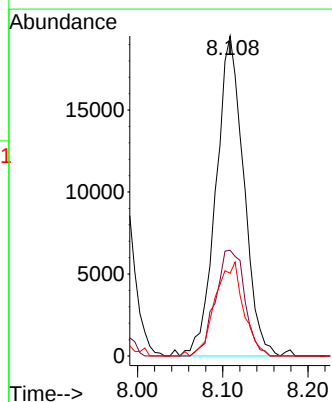
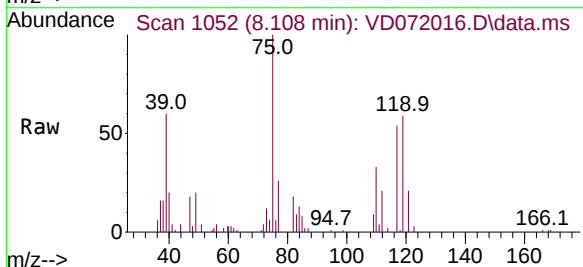
Tgt Ion: 75 Resp: 44056

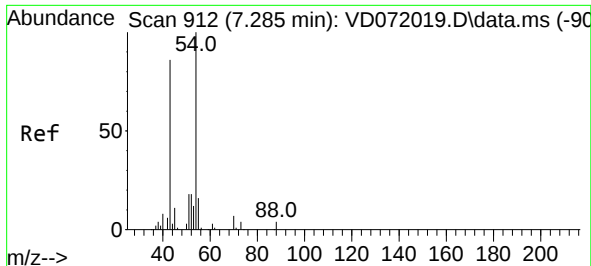
Ion Ratio Lower Upper

75 100

110 34.9 17.7 53.1

77 30.2 24.8 37.2





#37

Ethyl Acetate

Concen: 5.547 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

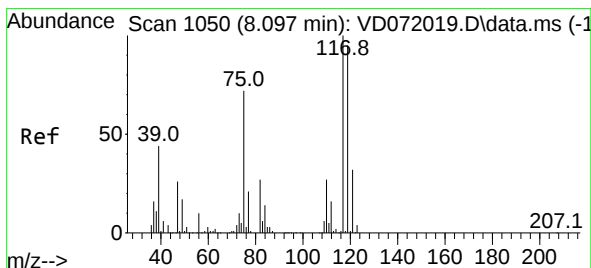
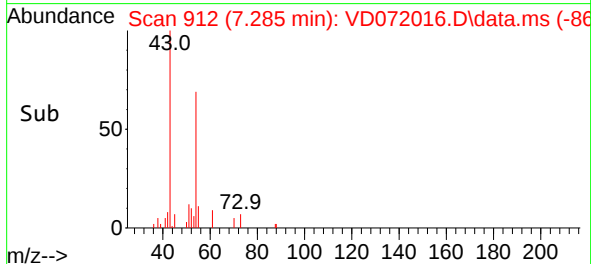
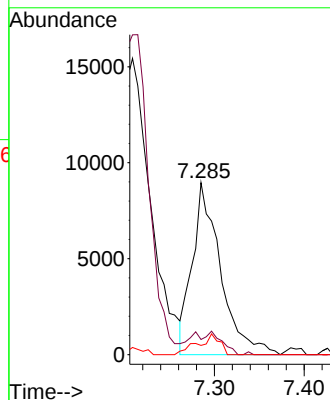
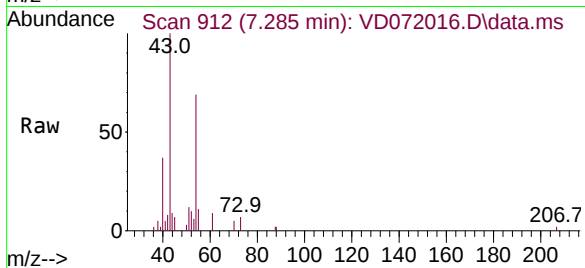
Tgt Ion: 43 Resp: 19622

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 9.2 7.4 11.2



#38

Carbon Tetrachloride

Concen: 5.491 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

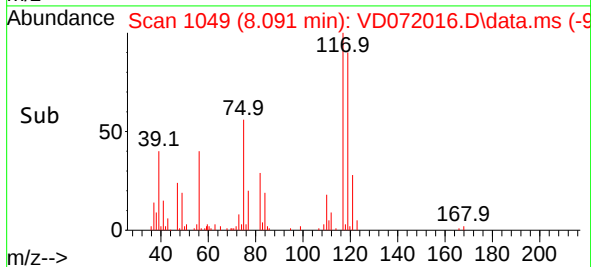
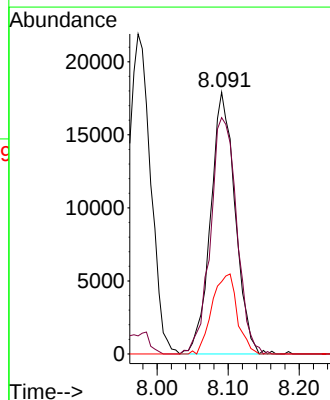
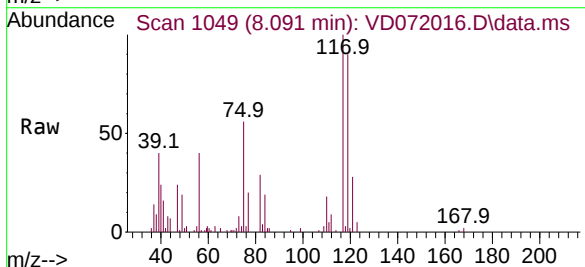
Tgt Ion: 117 Resp: 42933

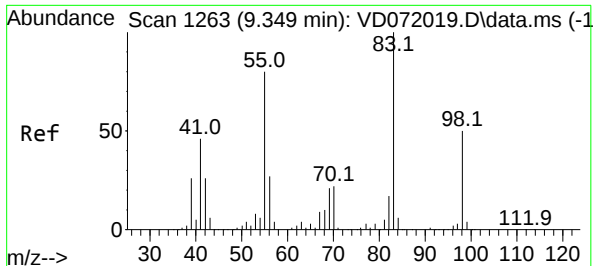
Ion Ratio Lower Upper

117 100

119 90.3 75.8 113.8

121 27.6 25.8 38.6





#39

Methylcyclohexane

Concen: 5.688 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

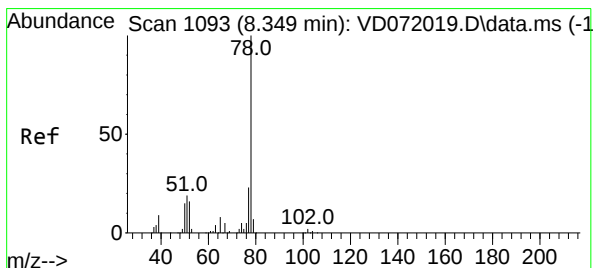
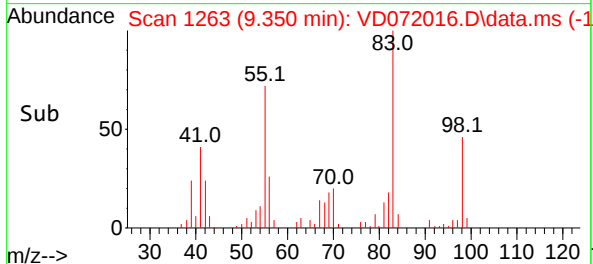
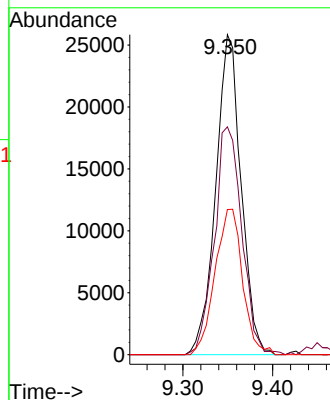
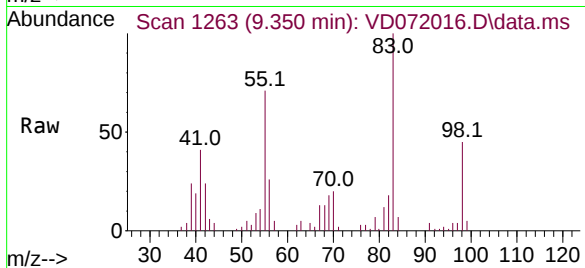
Tgt Ion: 83 Resp: 50779

Ion Ratio Lower Upper

83 100

55 71.2 64.0 96.0

98 45.4 39.8 59.8



#40

Benzene

Concen: 5.554 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072016.D

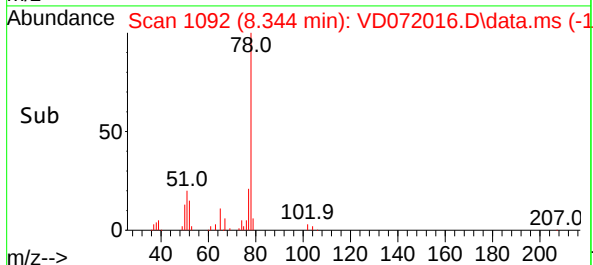
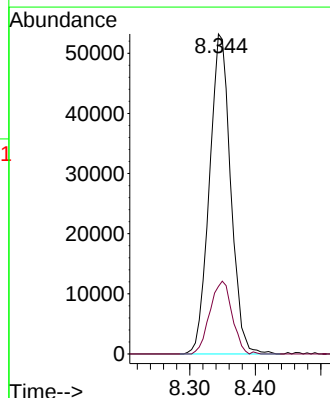
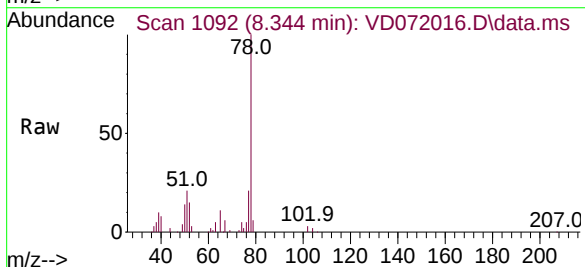
Acq: 18 Feb 2022 09:23

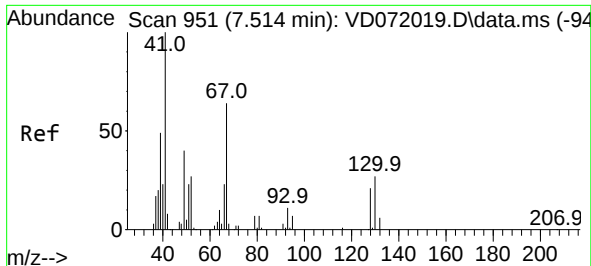
Tgt Ion: 78 Resp: 119539

Ion Ratio Lower Upper

78 100

77 21.1 18.2 27.4

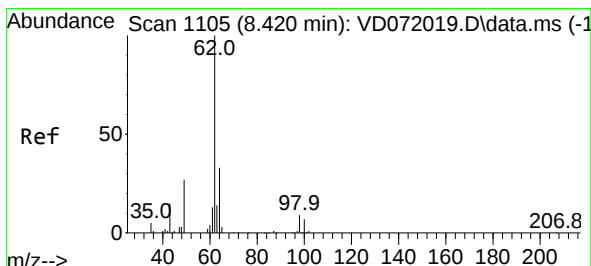
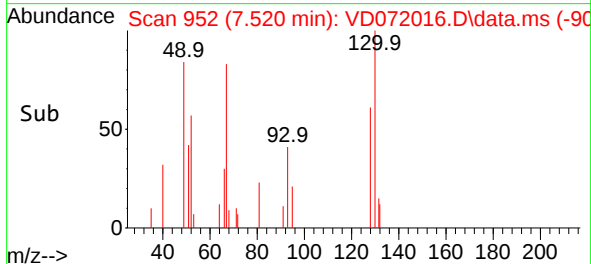
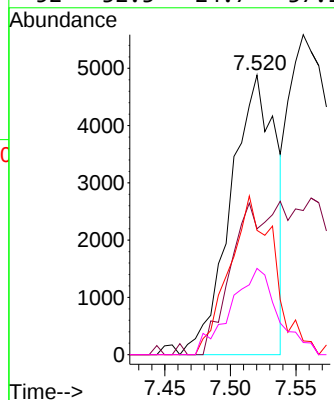
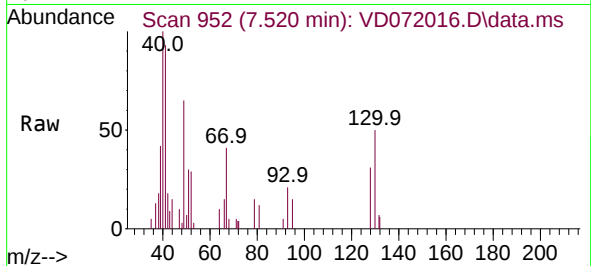




#41
Methacrylonitrile
Concen: 5.333 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

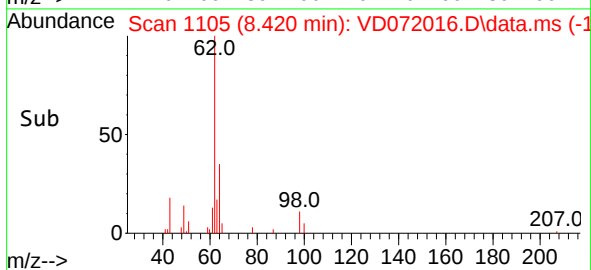
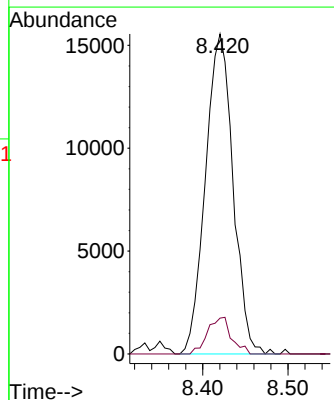
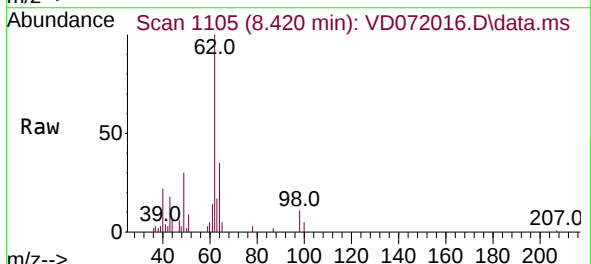
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

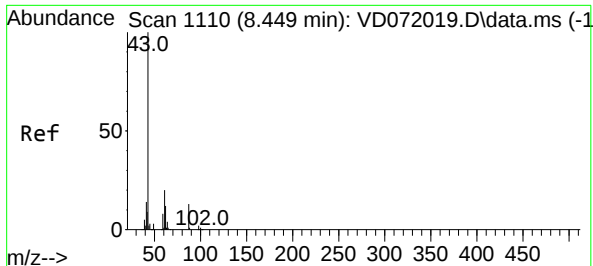
Tgt Ion:	41	Resp:	11698
Ion	Ratio	Lower	Upper
41	100		
39	34.0	46.7	70.1#
67	56.9	57.6	86.4#
52	32.3	24.7	37.1



#42
1,2-Dichloroethane
Concen: 5.424 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion:	62	Resp:	35017
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

Isopropyl Acetate

Concen: 5.065 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

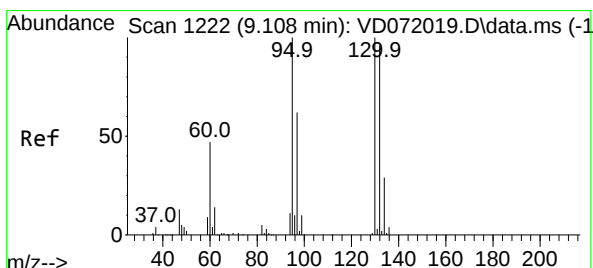
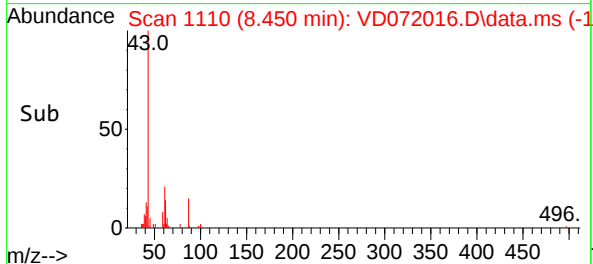
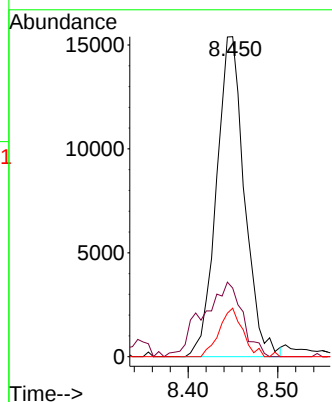
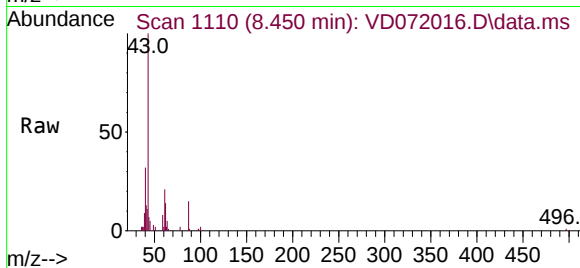
Tgt Ion: 43 Resp: 33360

Ion Ratio Lower Upper

43 100

61 32.8 24.6 37.0

87 12.7 10.1 15.1



#44

Trichloroethene

Concen: 5.629 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD072016.D

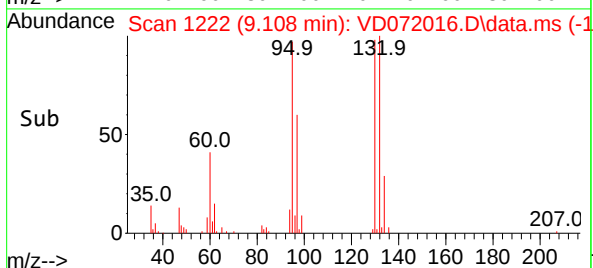
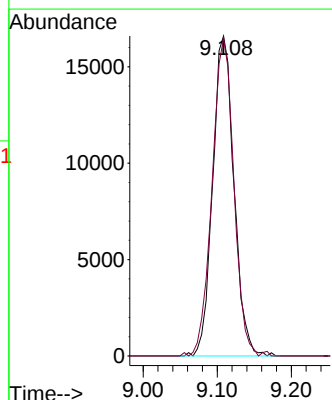
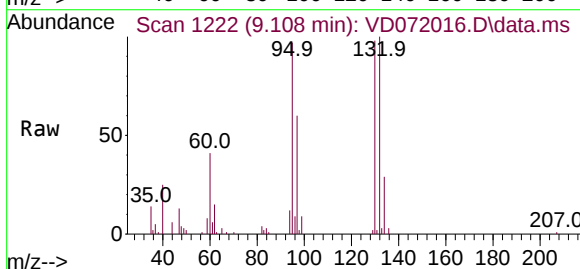
Acq: 18 Feb 2022 09:23

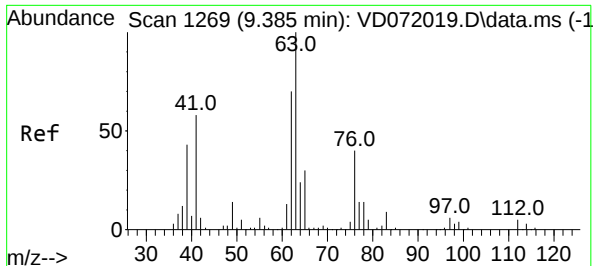
Tgt Ion:130 Resp: 33021

Ion Ratio Lower Upper

130 100

95 99.3 0.0 199.4





#45

1,2-Dichloropropane

Concen: 5.449 ug/l

RT: 9.385 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

Instrument :

MSVOA_D

ClientSampleId :

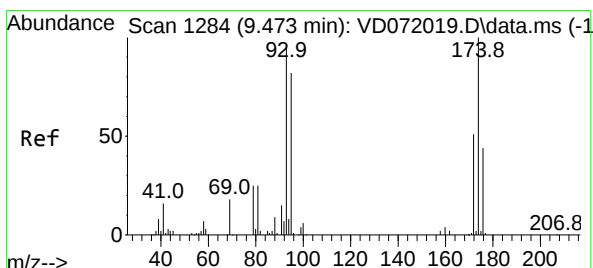
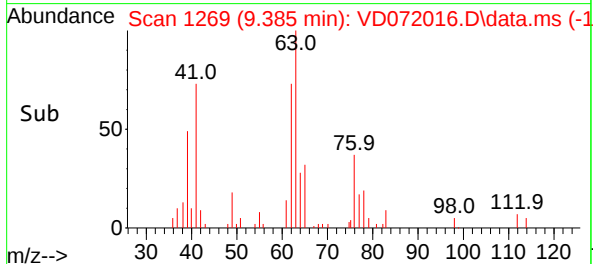
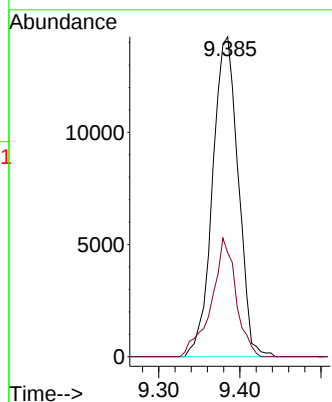
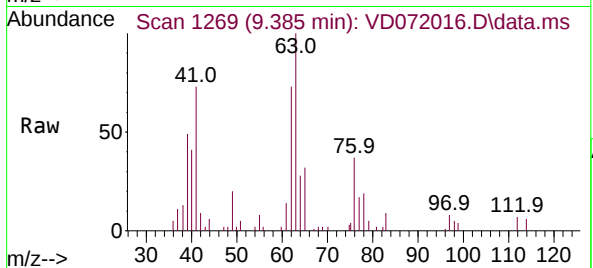
VSTDIC005

Tgt Ion: 63 Resp: 31286

Ion Ratio Lower Upper

63 100

65 32.5 24.0 36.0



#46

Dibromomethane

Concen: 5.518 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

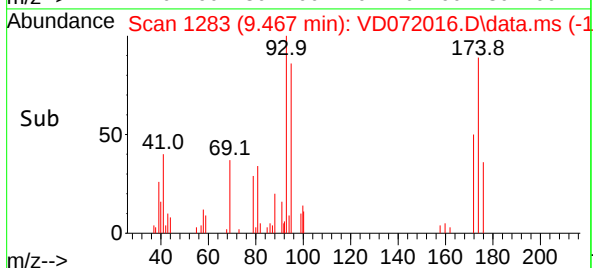
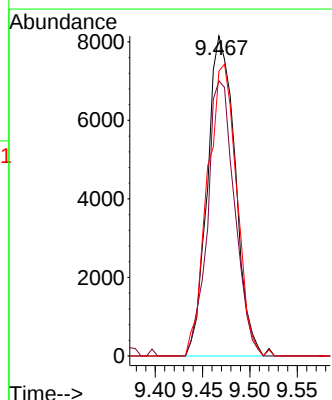
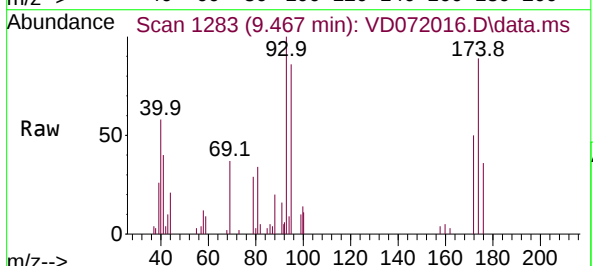
Tgt Ion: 93 Resp: 16718

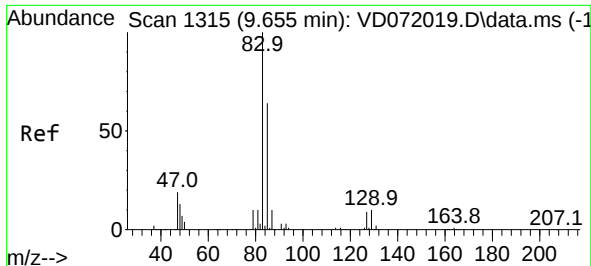
Ion Ratio Lower Upper

93 100

95 83.5 67.5 101.3

174 95.7 80.0 120.0

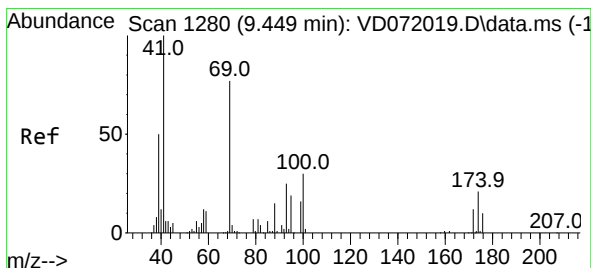
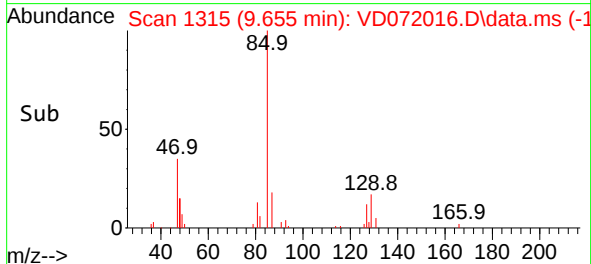
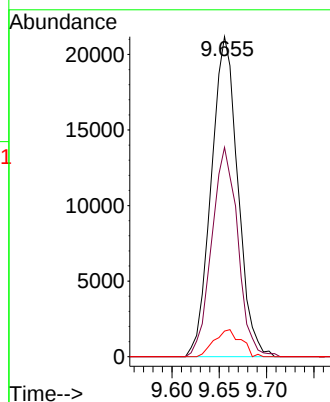
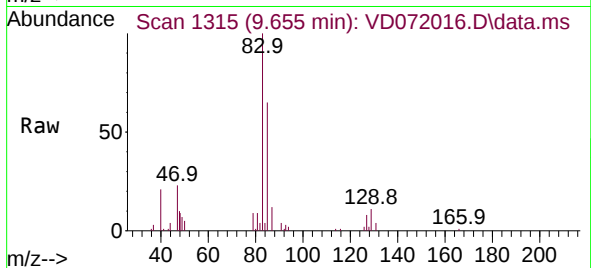




#47
Bromodichloromethane
Concen: 5.287 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

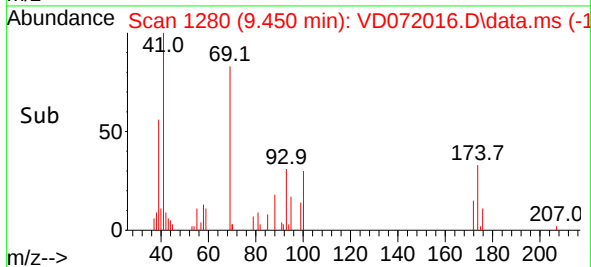
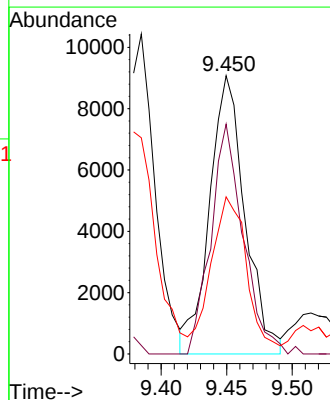
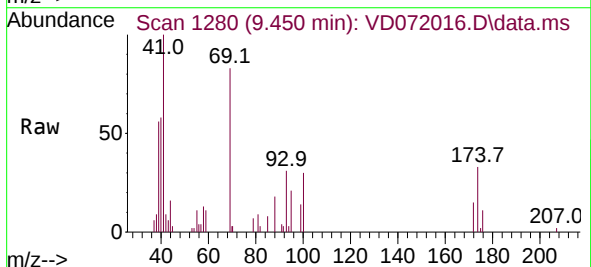
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

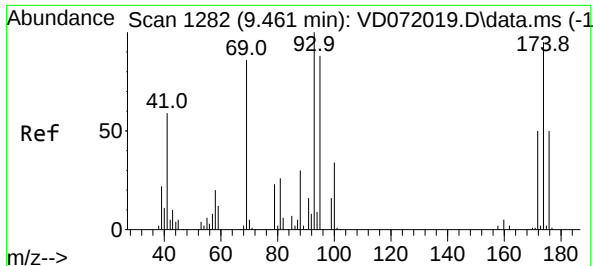
Tgt Ion: 83 Resp: 41323
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.0
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 5.128 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 41 Resp: 17061
Ion Ratio Lower Upper
41 100
69 76.1 61.6 92.4
39 57.4 38.6 57.8





#49

1,4-Dioxane

Concen: 115.987 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

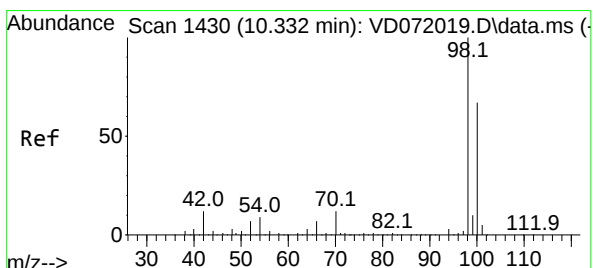
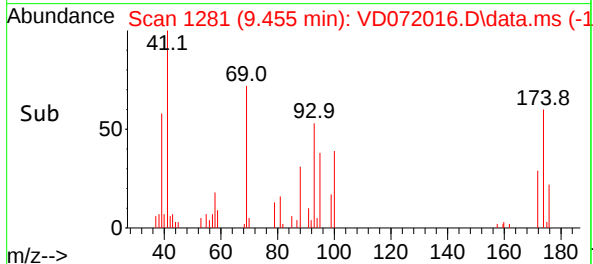
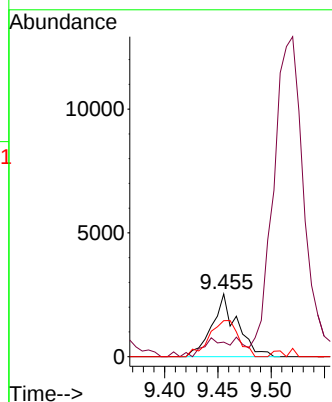
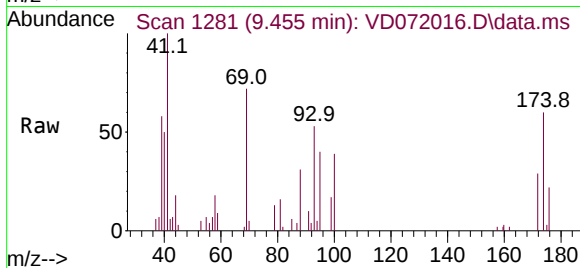
Tgt Ion: 88 Resp: 4169

Ion Ratio Lower Upper

88 100

43 27.7 29.9 44.9#

58 67.3 61.0 91.4



#50

Toluene-d8

Concen: 4.862 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD072016.D

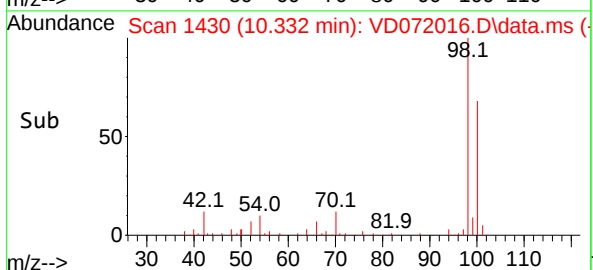
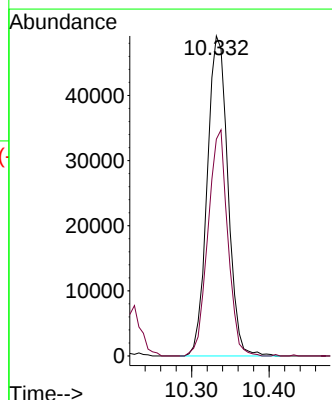
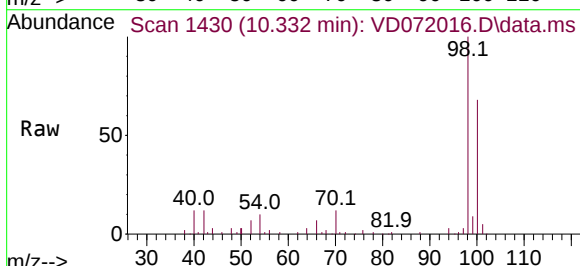
Acq: 18 Feb 2022 09:23

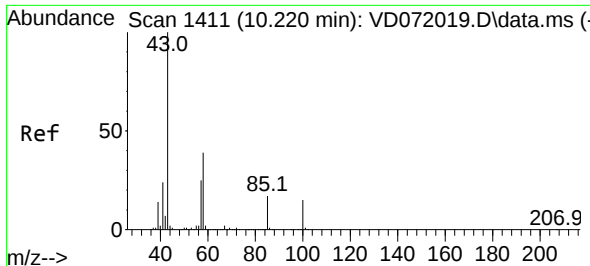
Tgt Ion: 98 Resp: 90795

Ion Ratio Lower Upper

98 100

100 67.8 53.8 80.6

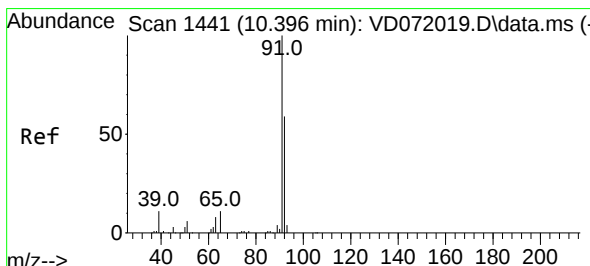
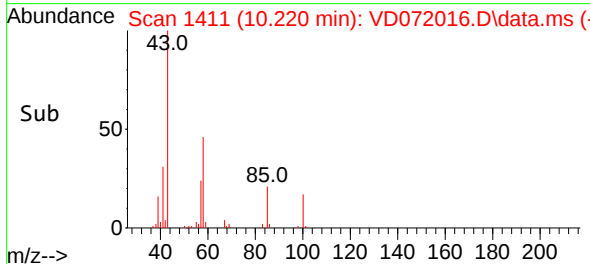
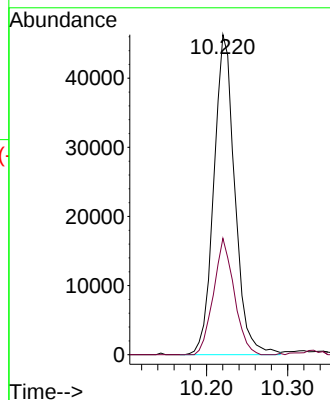
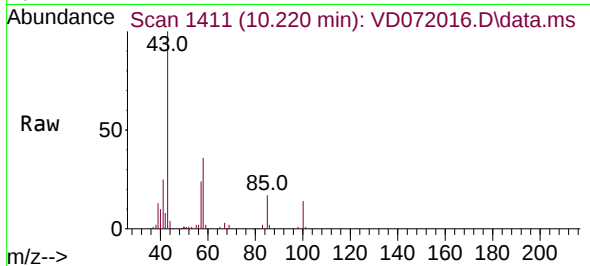




#51
4-Methyl-2-Pentanone
Concen: 23.837 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

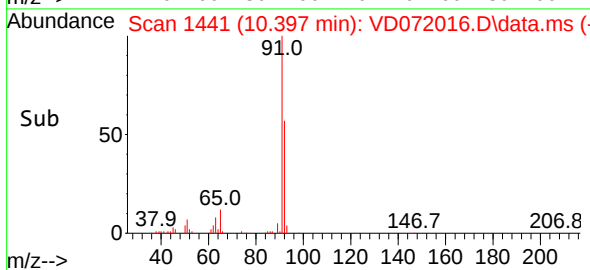
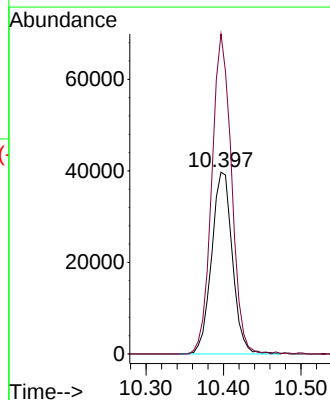
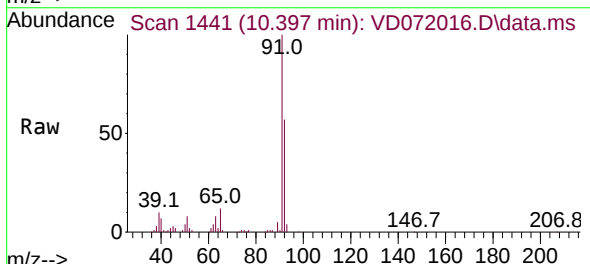
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

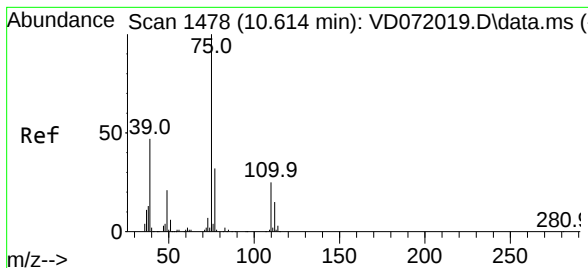
Tgt Ion: 43 Resp: 83211
Ion Ratio Lower Upper
43 100
58 35.7 30.8 46.2



#52
Toluene
Concen: 5.379 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 92 Resp: 74096
Ion Ratio Lower Upper
92 100
91 167.1 135.6 203.4

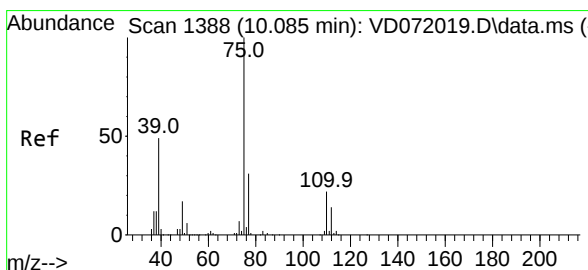
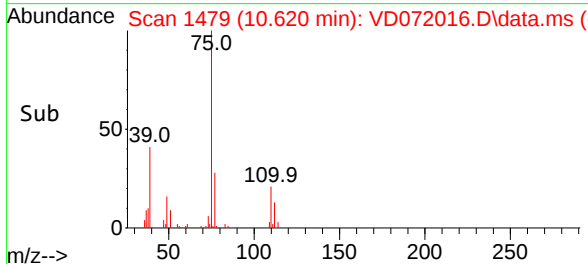
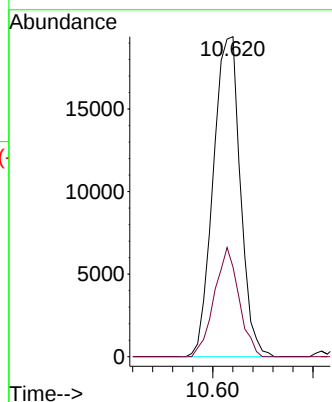
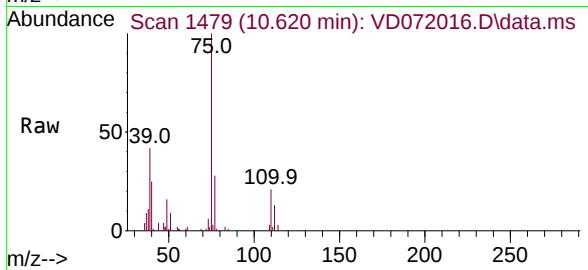




#53
t-1,3-Dichloropropene
Concen: 5.088 ug/l
RT: 10.620 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

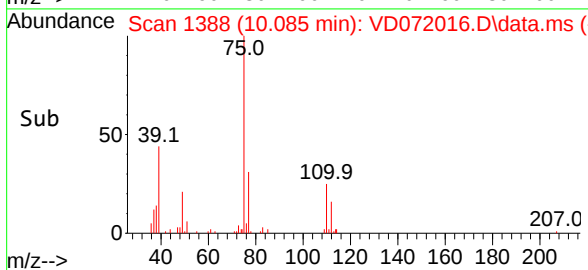
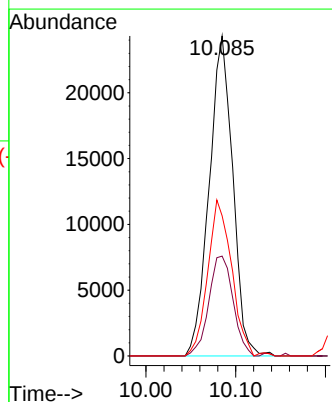
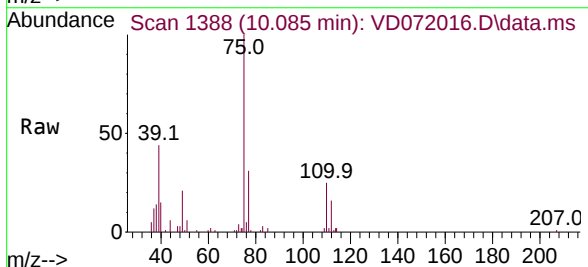
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

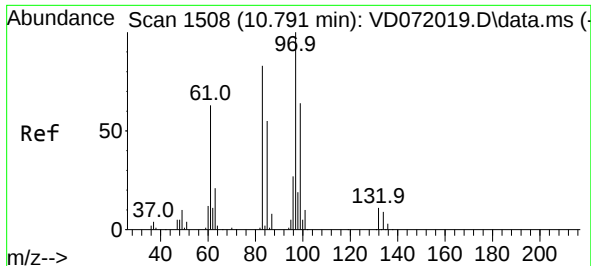
Tgt Ion: 75 Resp: 36372
Ion Ratio Lower Upper
75 100
77 28.0 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 5.245 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 75 Resp: 44374
Ion Ratio Lower Upper
75 100
77 31.2 24.7 37.1
39 43.8 39.1 58.7

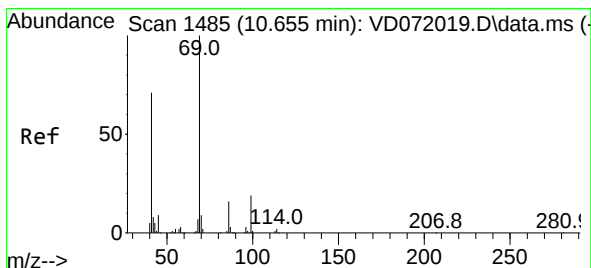
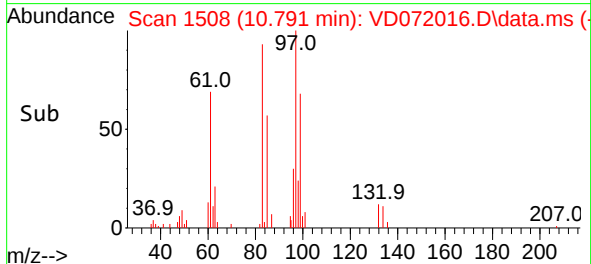
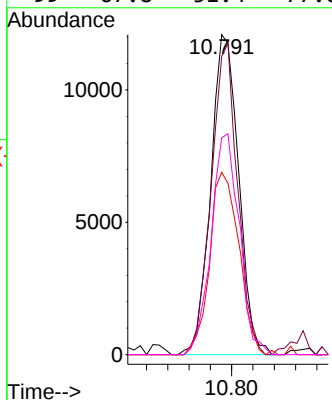
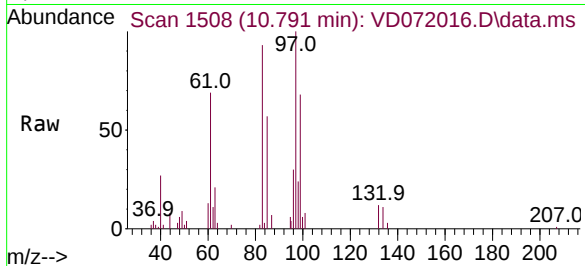




#55
1,1,2-Trichloroethane
Concen: 5.151 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

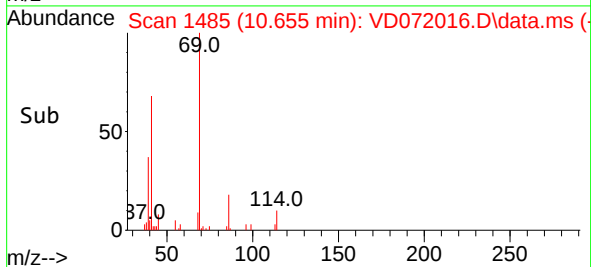
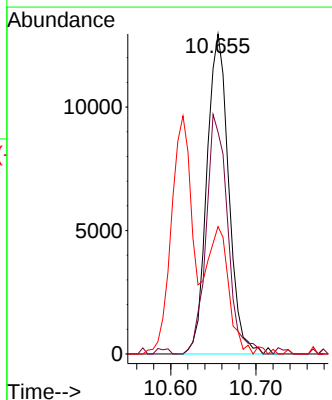
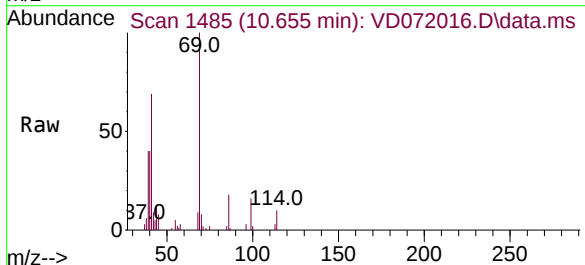
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

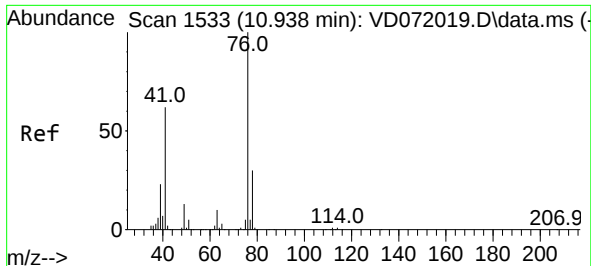
Tgt Ion:	97	Resp:	21962
Ion	Ratio	Lower	Upper
97	100		
83	93.2	66.2	99.4
85	57.0	43.7	65.5
99	67.8	51.4	77.0



#56
Ethyl methacrylate
Concen: 4.520 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion:	69	Resp:	23014
Ion	Ratio	Lower	Upper
69	100		
41	73.9	56.8	85.2
39	36.4	28.2	42.4





#57

1,3-Dichloropropane

Concen: 5.220 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

Instrument :

MSVOA_D

ClientSampleId :

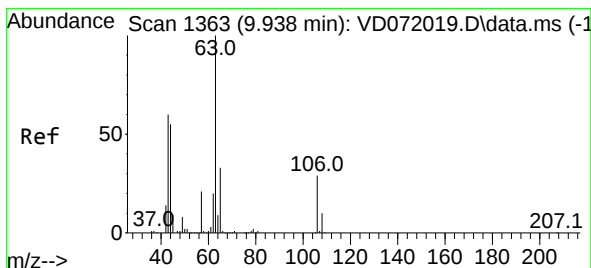
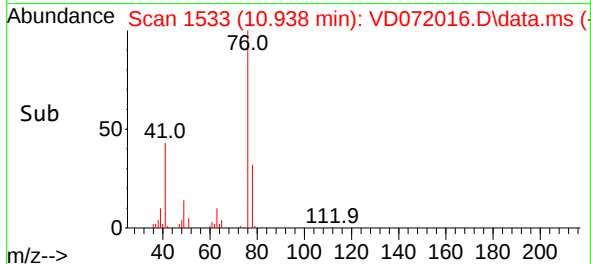
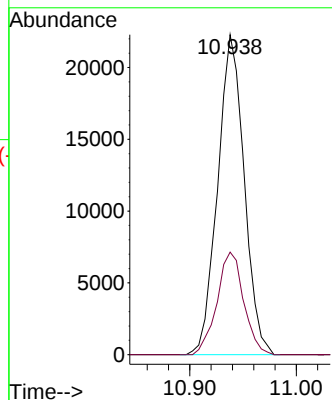
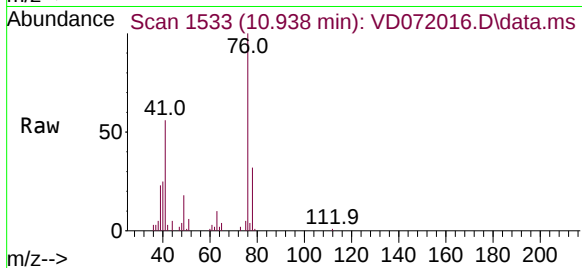
VSTDIC005

Tgt Ion: 76 Resp: 38472

Ion Ratio Lower Upper

76 100

78 32.3 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 25.648 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072016.D

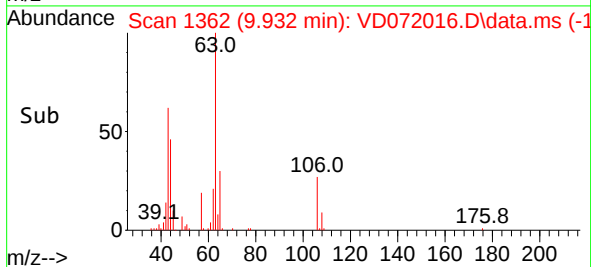
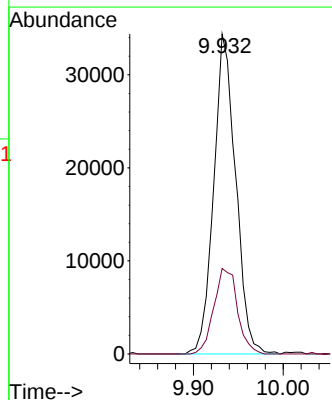
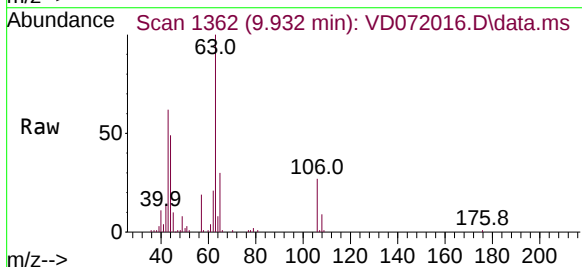
Acq: 18 Feb 2022 09:23

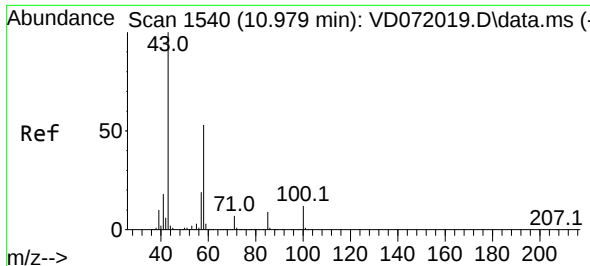
Tgt Ion: 63 Resp: 58426

Ion Ratio Lower Upper

63 100

106 28.6 22.6 33.8

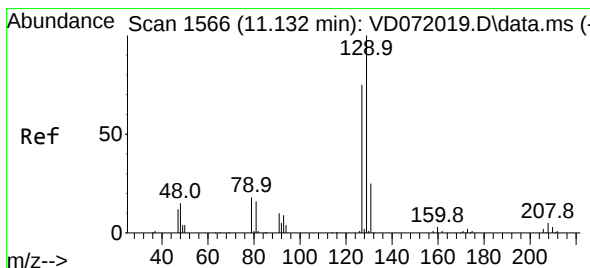
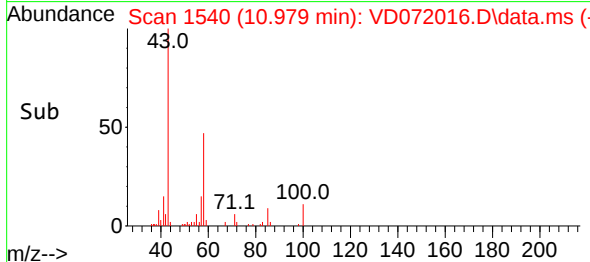
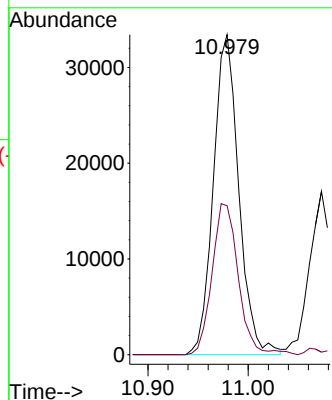
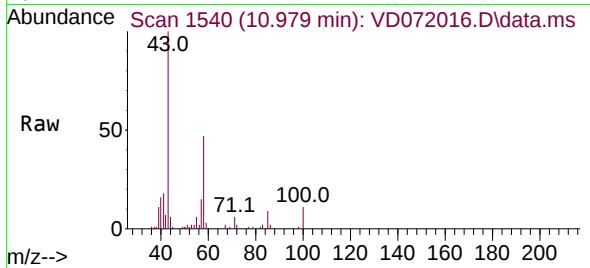




#59
2-Hexanone
Concen: 24.669 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

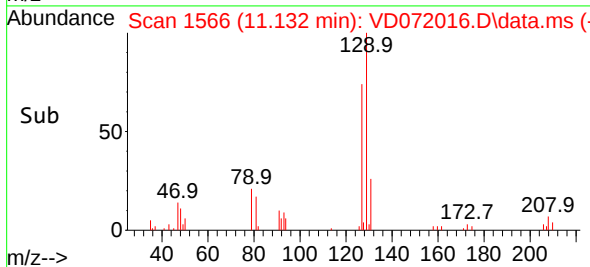
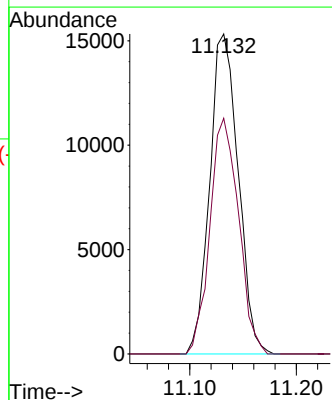
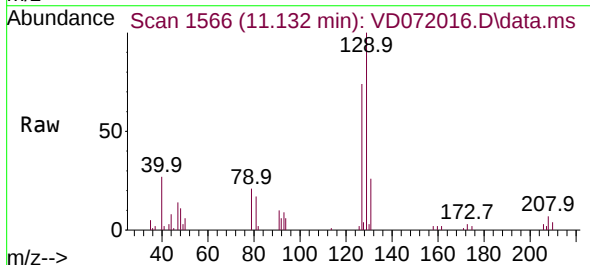
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

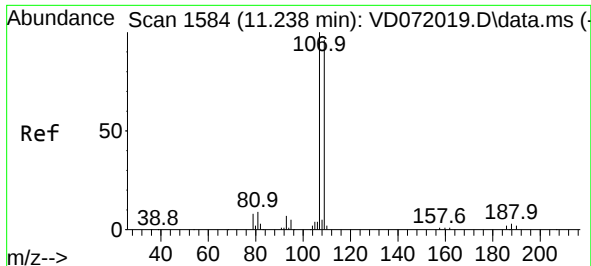
Tgt Ion: 43 Resp: 58739
Ion Ratio Lower Upper
43 100
58 48.9 27.0 80.8



#60
Dibromochloromethane
Concen: 5.344 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 129 Resp: 28453
Ion Ratio Lower Upper
129 100
127 74.1 37.6 112.9

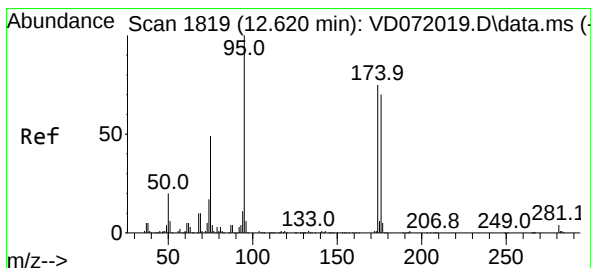
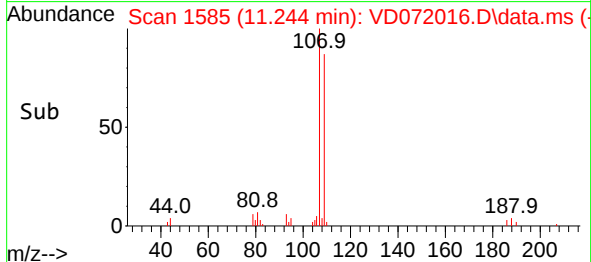
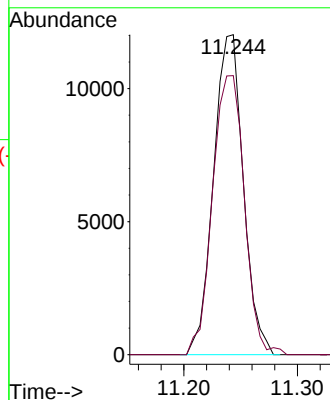
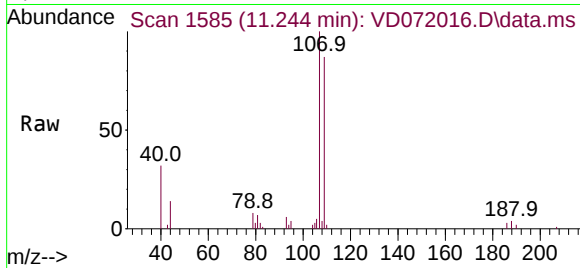




#61
1,2-Dibromoethane
Concen: 5.390 ug/l
RT: 11.244 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

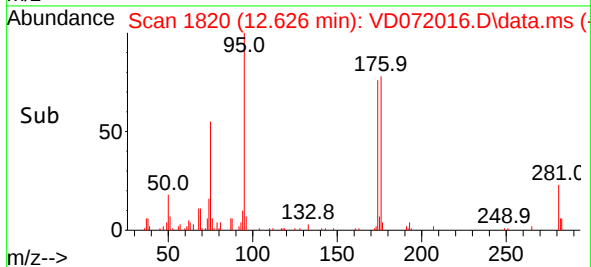
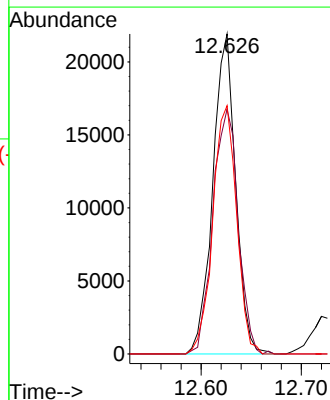
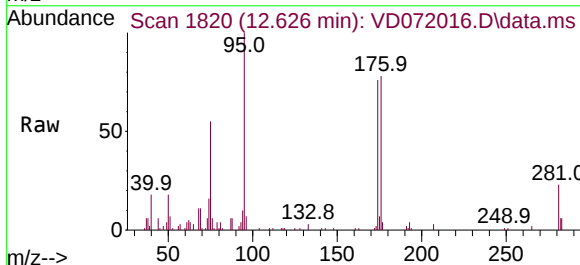
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

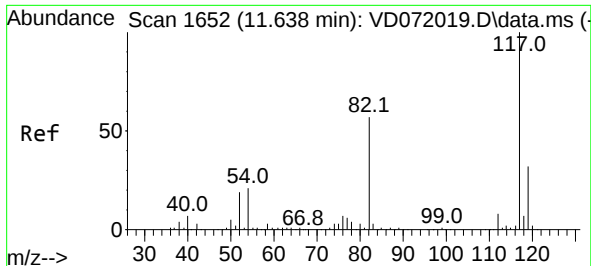
Tgt Ion:107 Resp: 21963
Ion Ratio Lower Upper
107 100
109 93.0 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 5.057 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 95 Resp: 34692
Ion Ratio Lower Upper
95 100
174 84.5 0.0 155.0
176 81.0 0.0 148.8

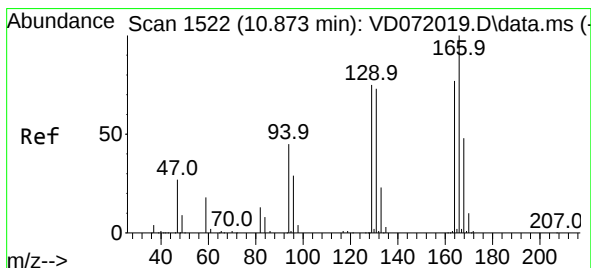
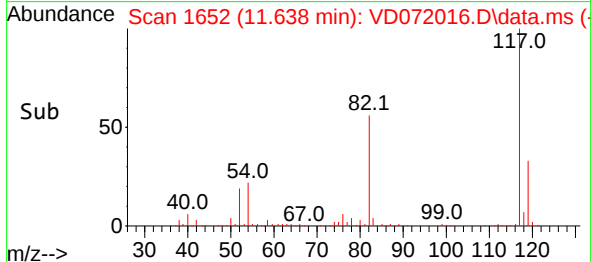
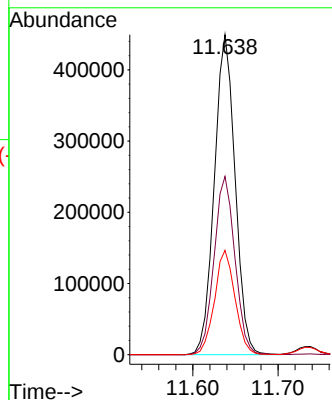
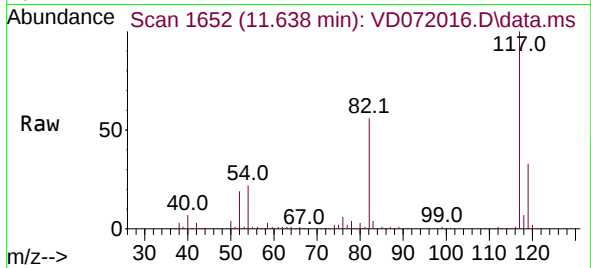




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

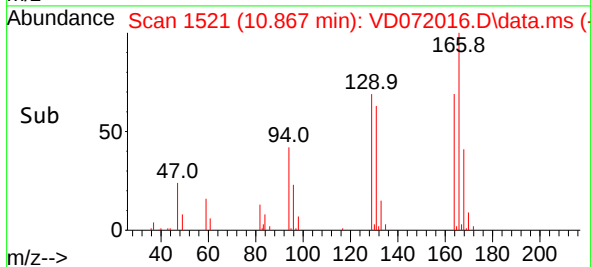
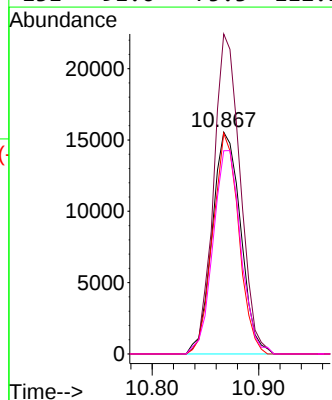
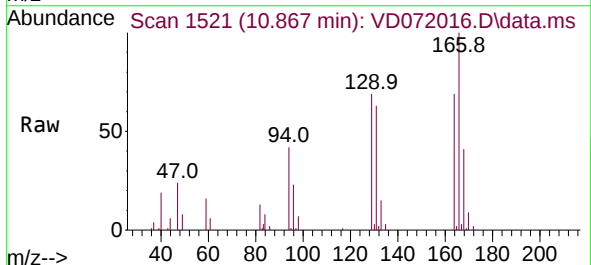
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

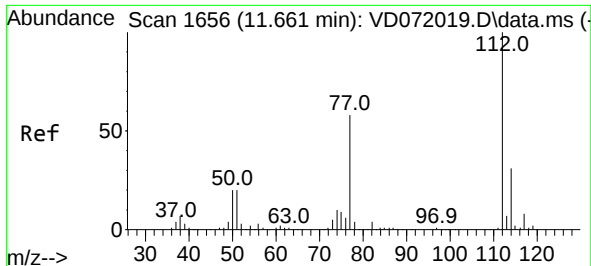
Tgt Ion:117 Resp: 762867
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 32.6 25.4 38.2



#64
Tetrachloroethene
Concen: 5.998 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion:164 Resp: 28887
Ion Ratio Lower Upper
164 100
166 144.2 103.4 155.2
129 99.5 77.8 116.6
131 91.6 75.3 112.9

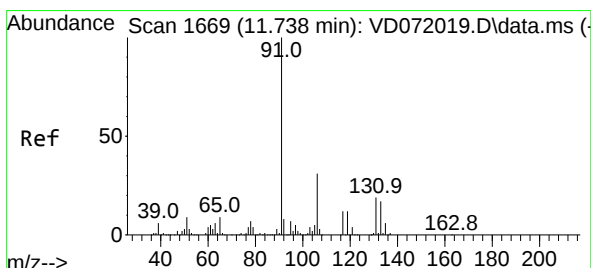
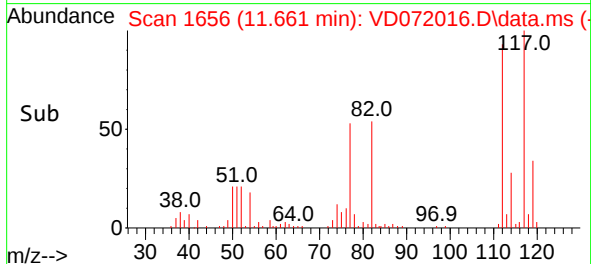
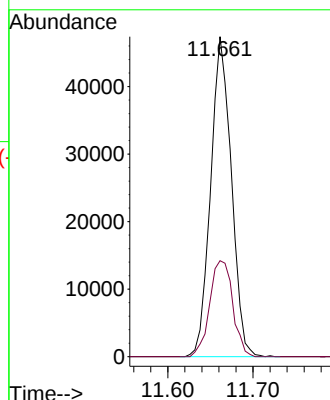
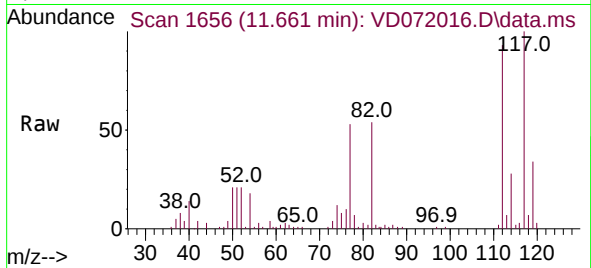




#65
Chlorobenzene
Concen: 5.398 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

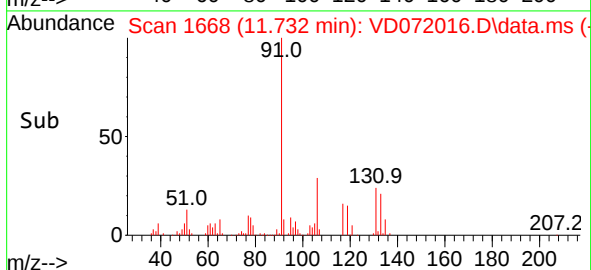
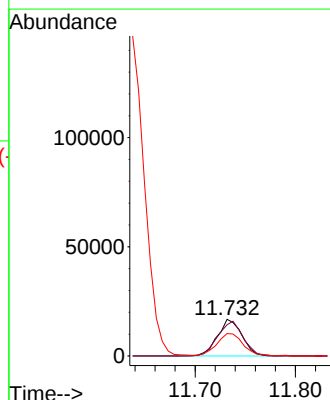
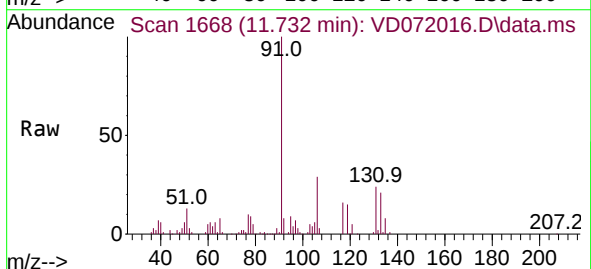
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

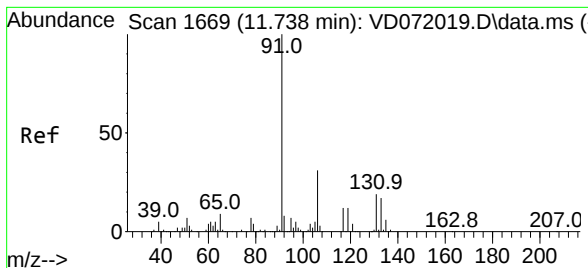
Tgt Ion:112 Resp: 79815
Ion Ratio Lower Upper
112 100
114 30.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 5.181 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion:131 Resp: 28433
Ion Ratio Lower Upper
131 100
133 97.1 47.1 141.4
119 66.0 32.8 98.3

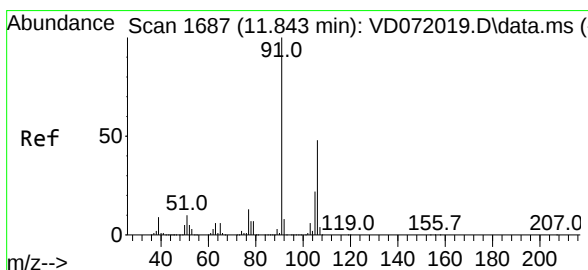
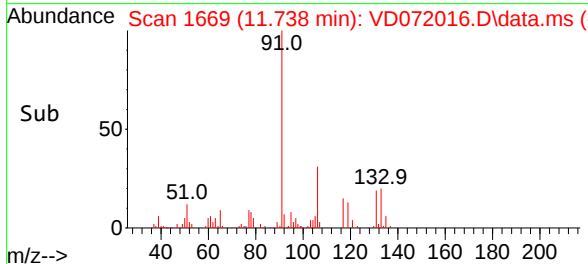
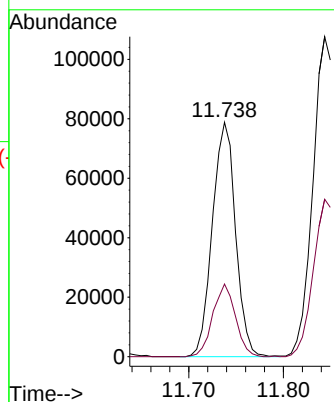
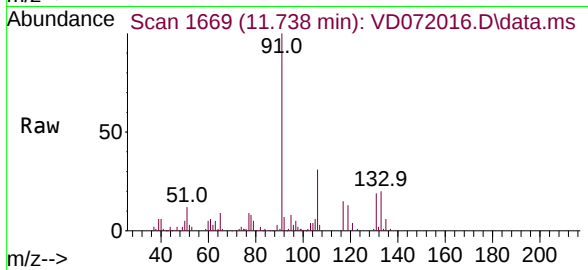




#67
Ethyl Benzene
Concen: 5.150 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

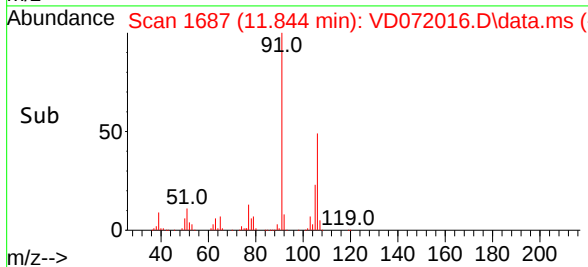
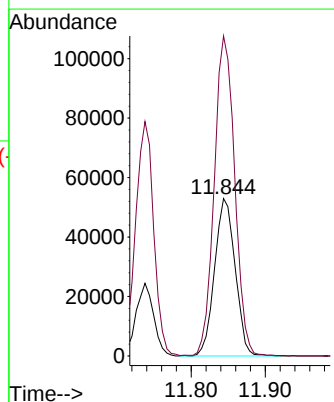
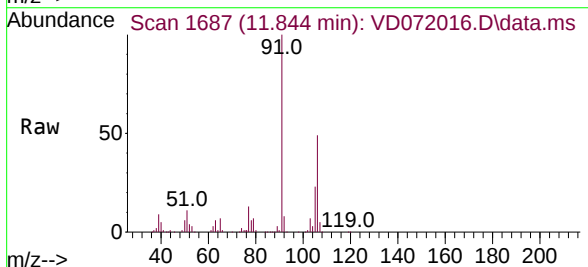
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

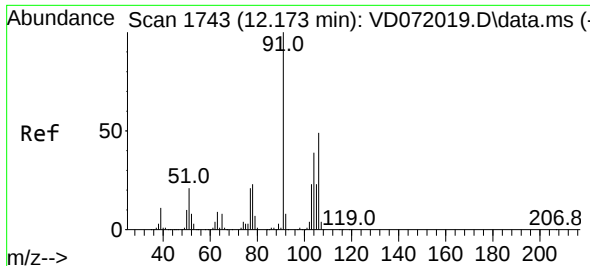
Tgt Ion: 91 Resp: 133895
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 10.262 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 106 Resp: 102128
Ion Ratio Lower Upper
106 100
91 202.3 162.6 243.8

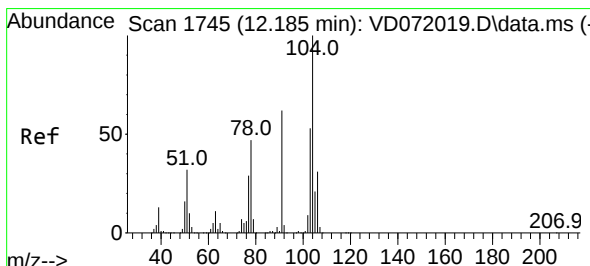
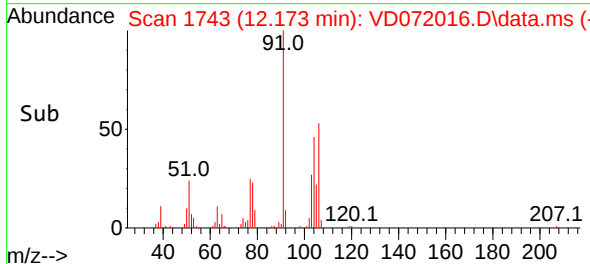
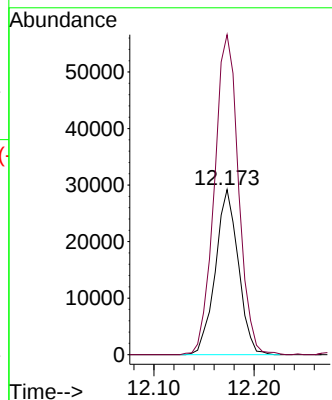
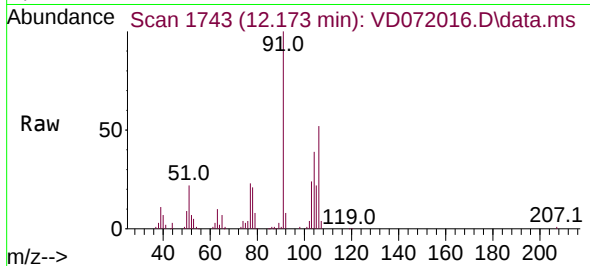




#69
o-Xylene
Concen: 4.961 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

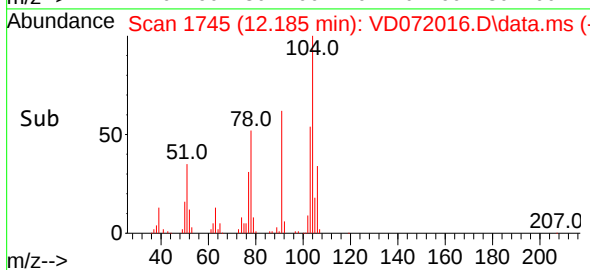
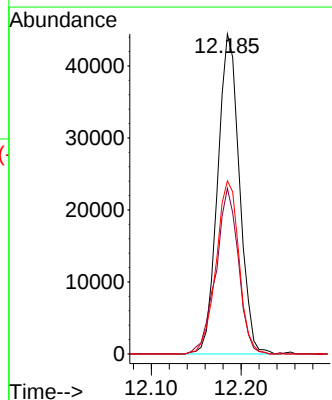
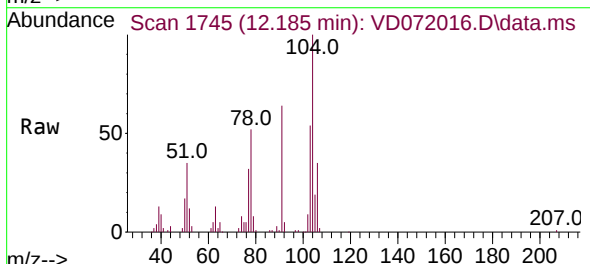
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

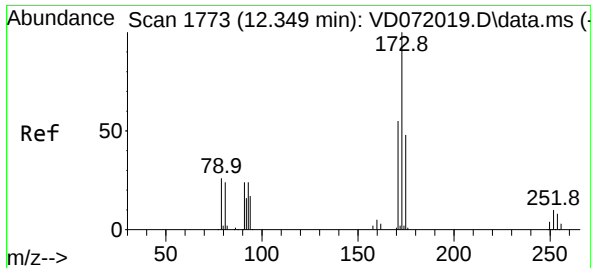
Tgt Ion:106 Resp: 46444
Ion Ratio Lower Upper
106 100
91 203.7 106.0 317.9



#70
Styrene
Concen: 4.662 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion:104 Resp: 74894
Ion Ratio Lower Upper
104 100
78 53.3 40.1 60.1
103 56.7 43.7 65.5

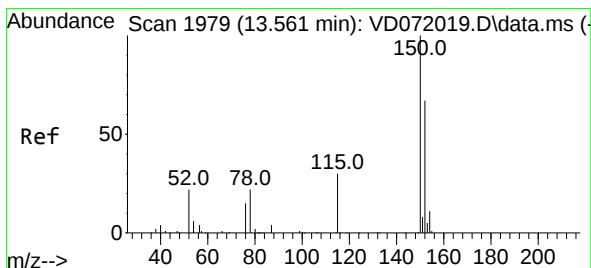
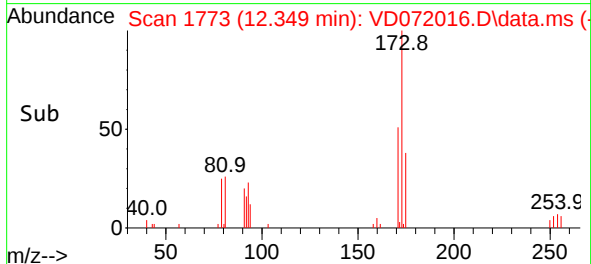
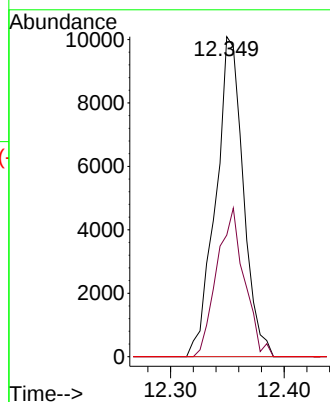
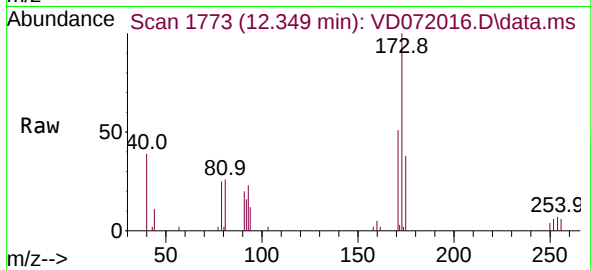




#71
Bromoform
Concen: 5.396 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

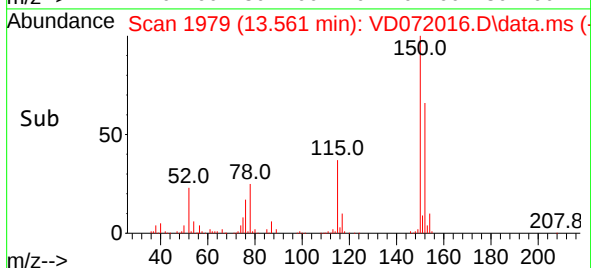
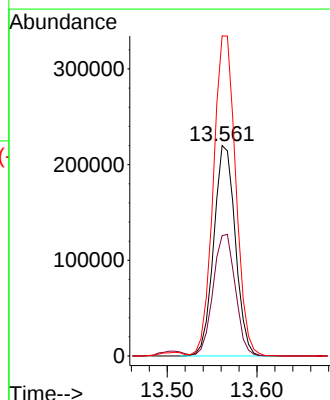
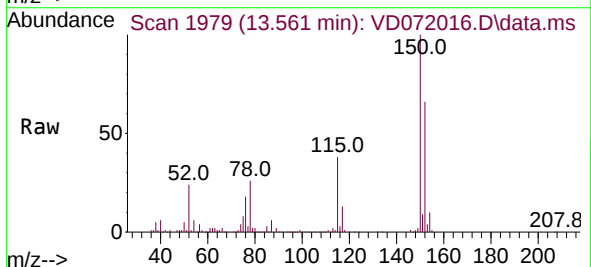
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

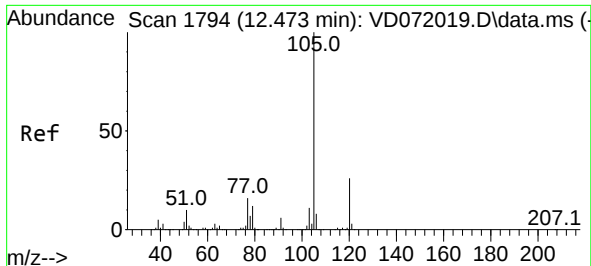
Tgt Ion:173 Resp: 16981
Ion Ratio Lower Upper
173 100
175 46.6 25.0 75.0
255 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion:152 Resp: 366803
Ion Ratio Lower Upper
152 100
115 59.6 29.9 89.7
150 157.9 0.0 347.6

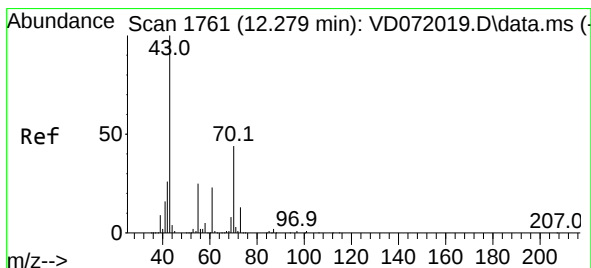
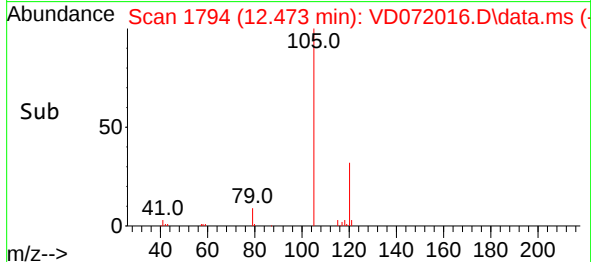
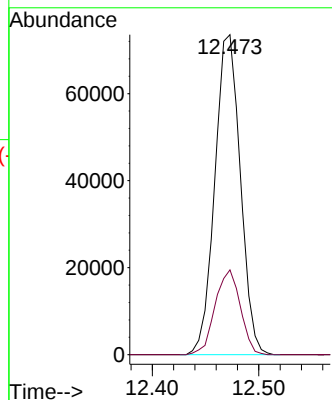
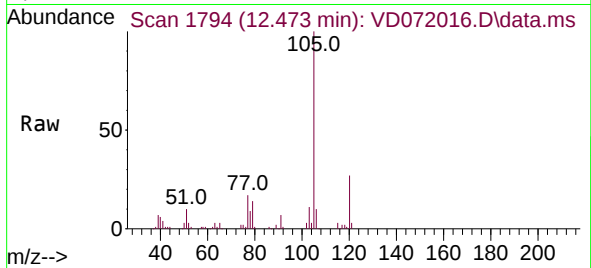




#73
Isopropylbenzene
Concen: 4.857 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

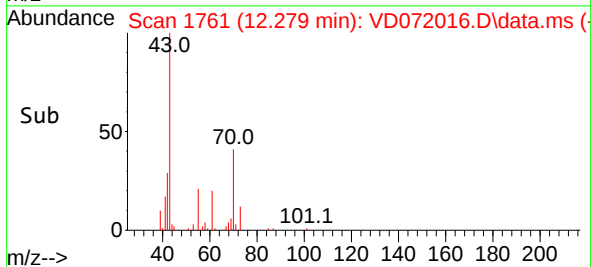
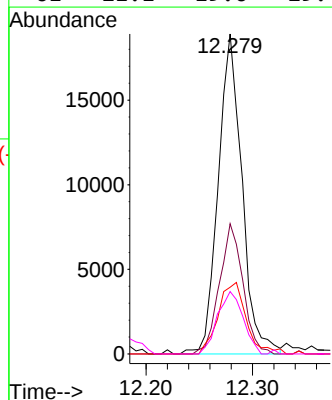
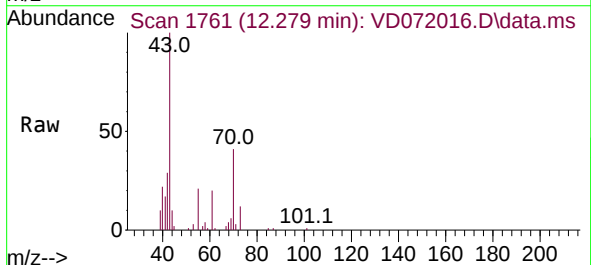
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

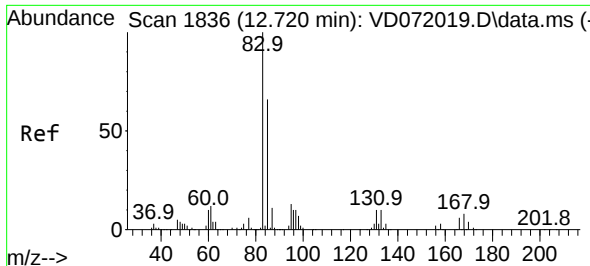
Tgt Ion:105 Resp: 122321
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 4.815 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 43 Resp: 29281
Ion Ratio Lower Upper
43 100
70 40.1 33.2 49.8
55 26.4 20.6 30.8
61 21.1 19.6 29.4

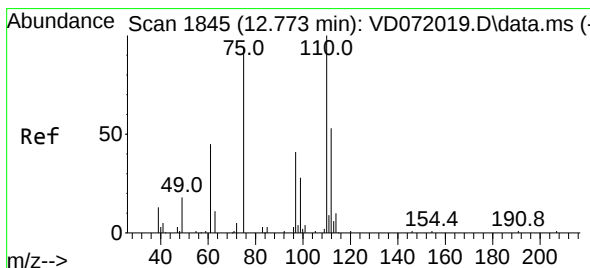
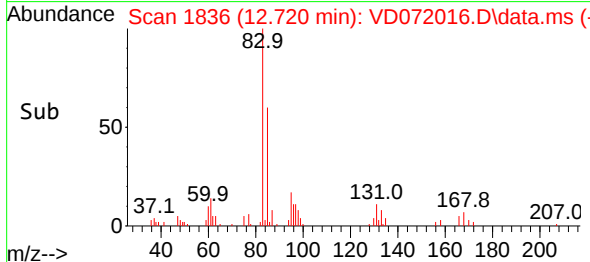
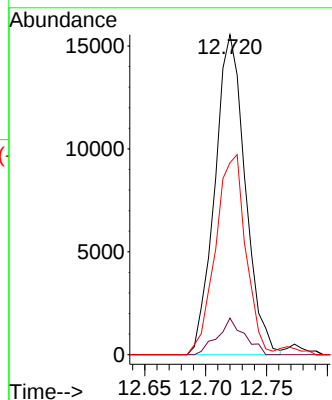
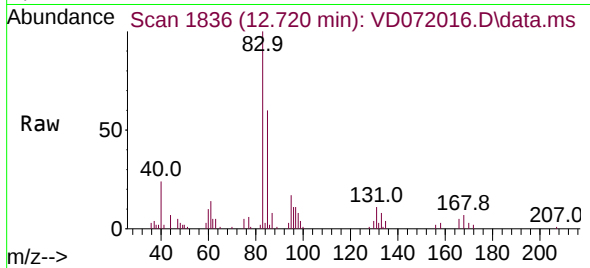




#75
1,1,2,2-Tetrachloroethane
Concen: 5.419 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

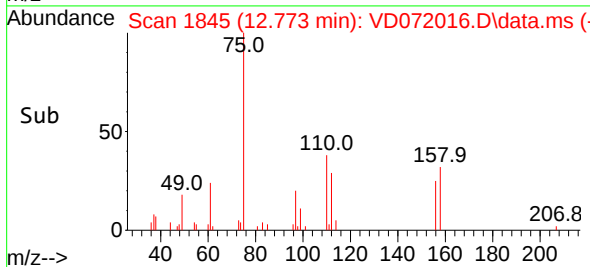
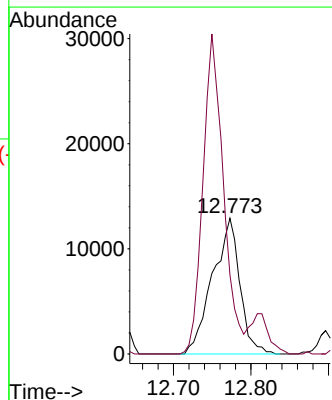
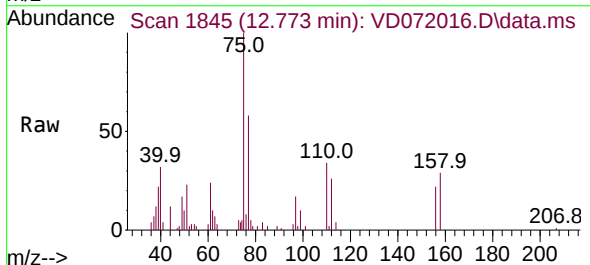
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

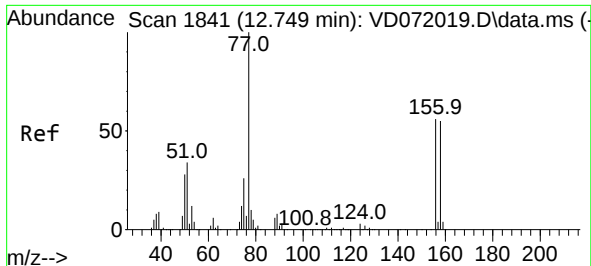
Tgt Ion: 83 Resp: 26985
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.4
85 62.2 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 8.191 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 75 Resp: 31654
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

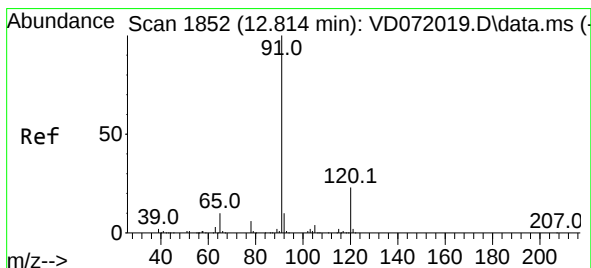
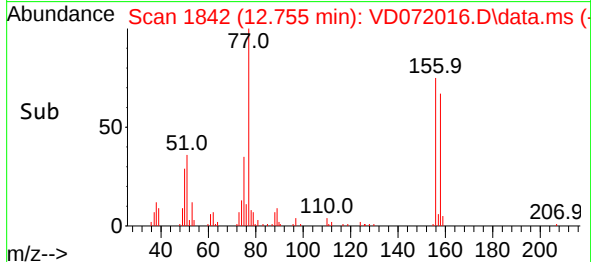
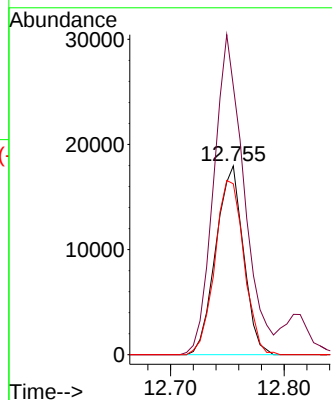
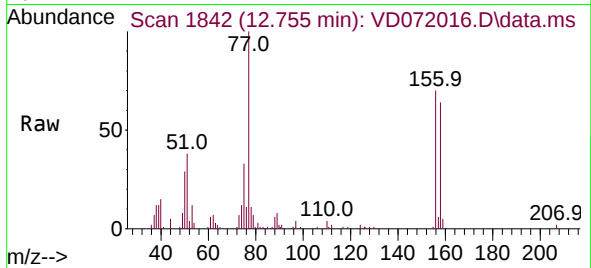




#77
Bromobenzene
Concen: 5.153 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

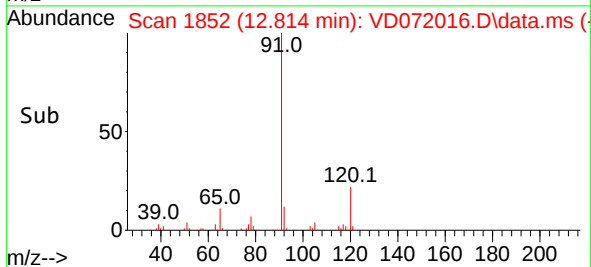
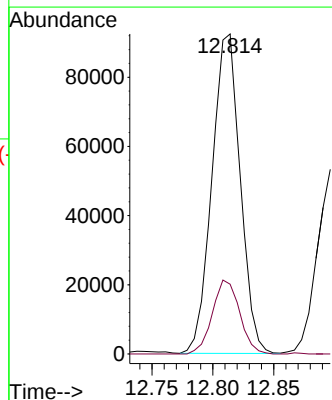
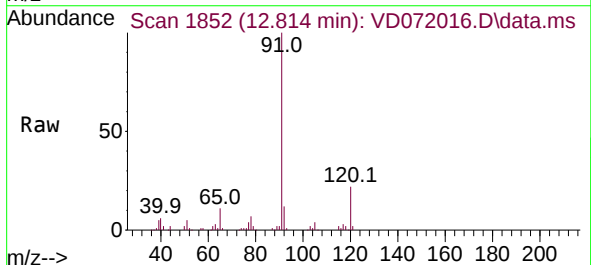
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

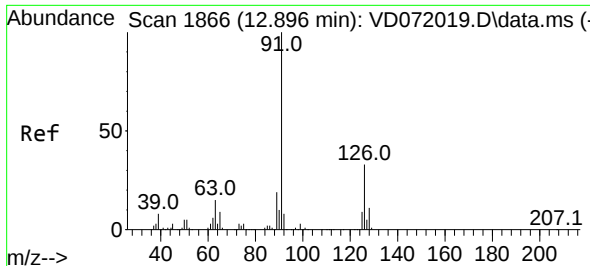
Tgt Ion:156 Resp: 30390
Ion Ratio Lower Upper
156 100
77 184.8 93.6 280.8
158 97.2 47.7 143.1



#78
n-propylbenzene
Concen: 4.820 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 91 Resp: 149196
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5

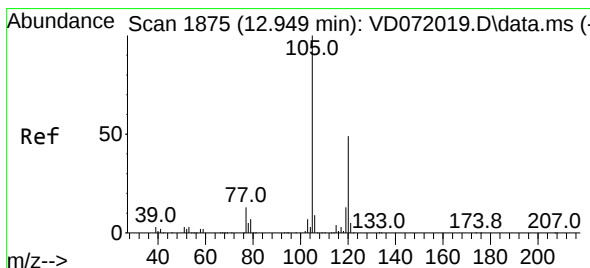
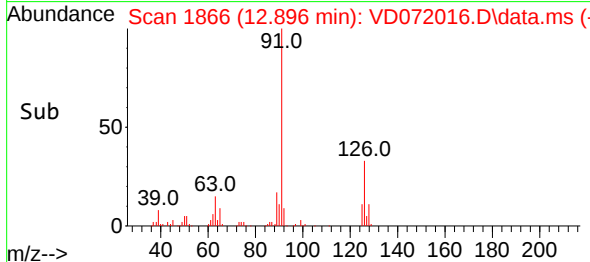
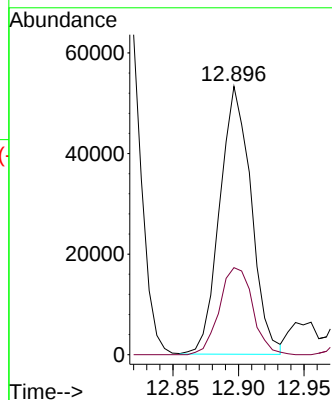
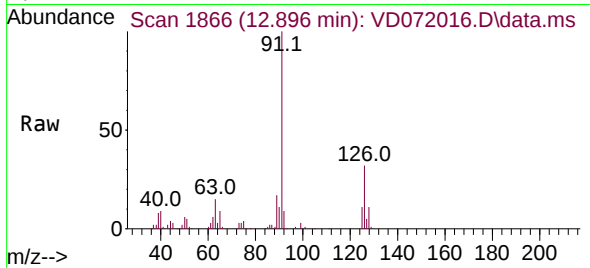




#79
2-Chlorotoluene
Concen: 4.955 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

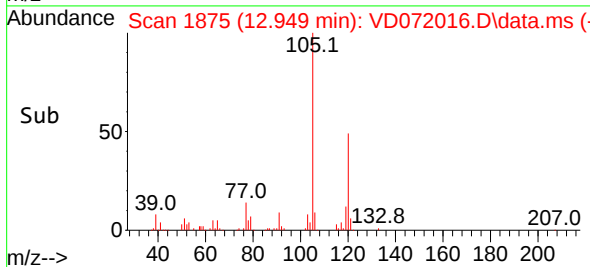
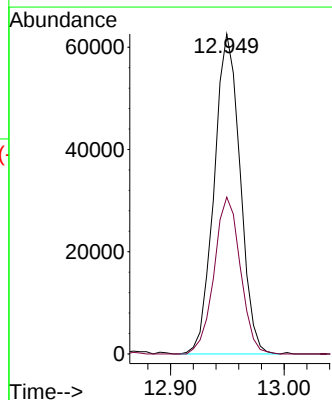
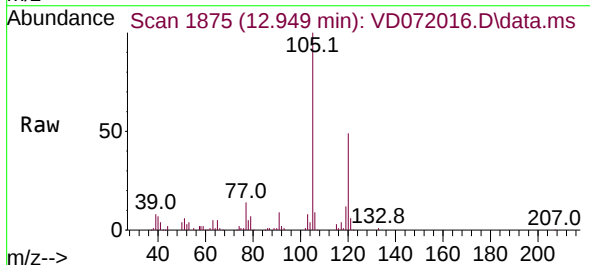
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

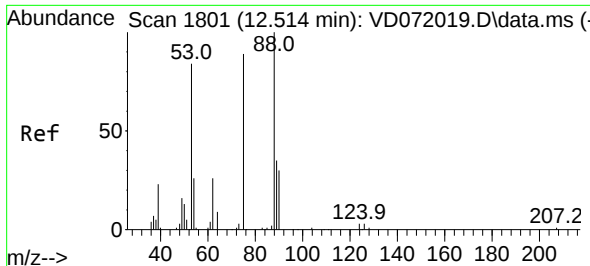
Tgt Ion: 91 Resp: 88772
Ion Ratio Lower Upper
91 100
126 34.3 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 4.724 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 105 Resp: 99349
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.7

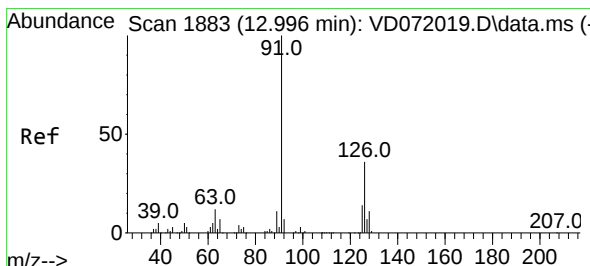
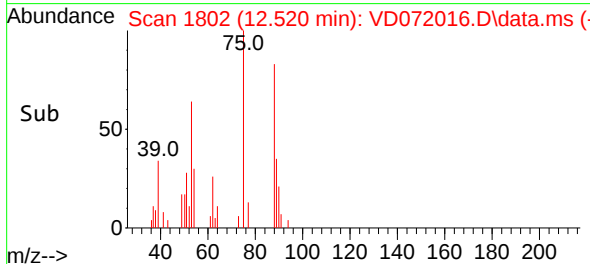
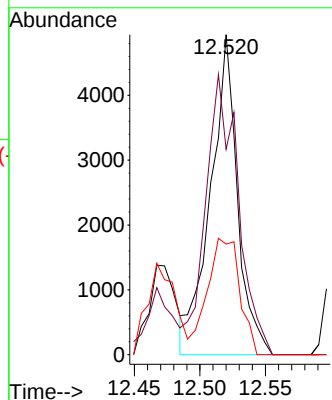
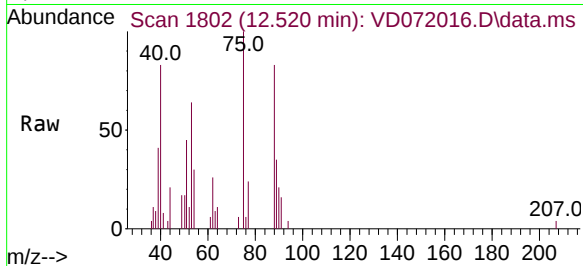




#81
trans-1,4-Dichloro-2-butene
Concen: 5.086 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

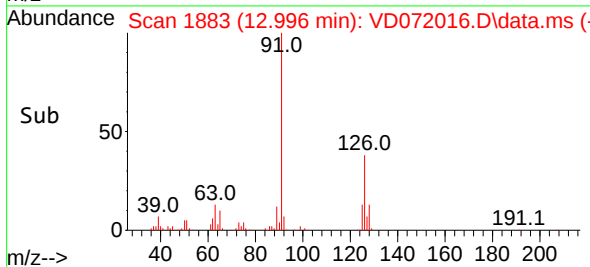
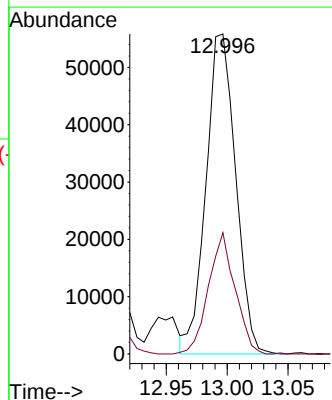
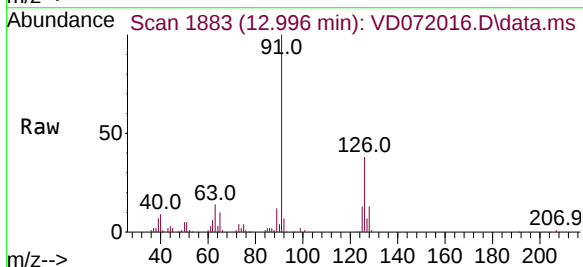
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

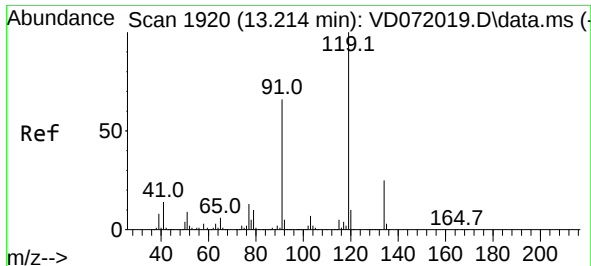
Tgt Ion: 75 Resp: 7056
Ion Ratio Lower Upper
75 100
53 106.0 80.2 120.4
89 43.8 36.4 54.6



#82
4-Chlorotoluene
Concen: 5.083 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion: 91 Resp: 94784
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6

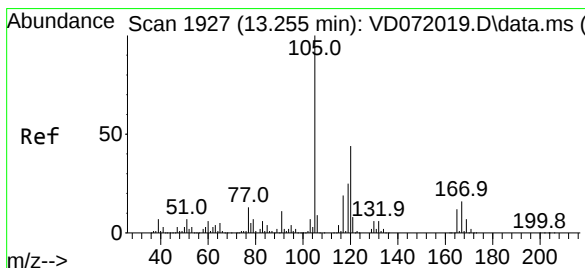
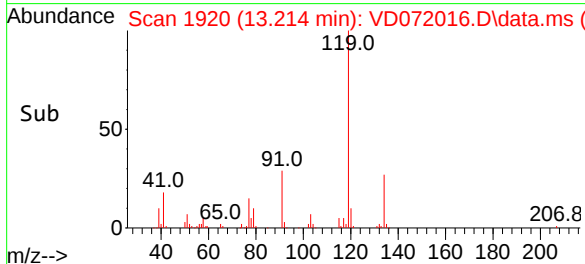
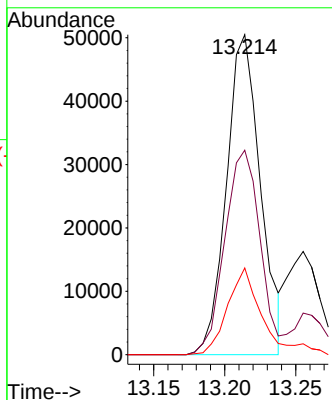
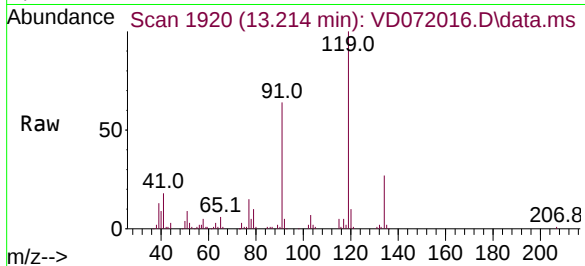




#83
tert-Butylbenzene
Concen: 4.653 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

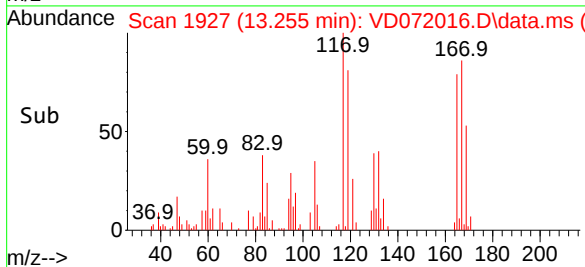
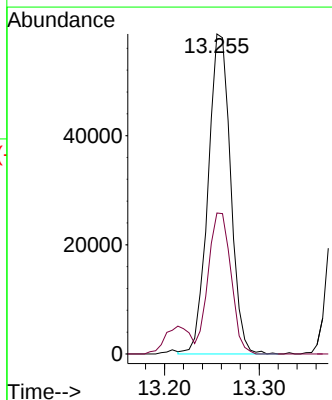
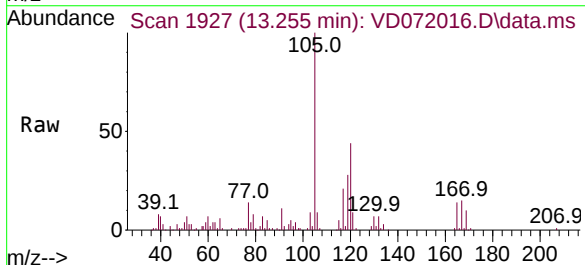
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

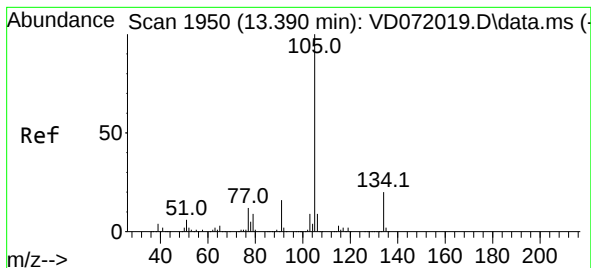
Tgt Ion:119 Resp: 84079
Ion Ratio Lower Upper
119 100
91 67.3 32.5 97.5
134 27.7 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 4.676 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion:105 Resp: 96660
Ion Ratio Lower Upper
105 100
120 44.5 22.4 67.3





#85

sec-Butylbenzene

Concen: 4.766 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

Instrument :

MSVOA_D

ClientSampleId :

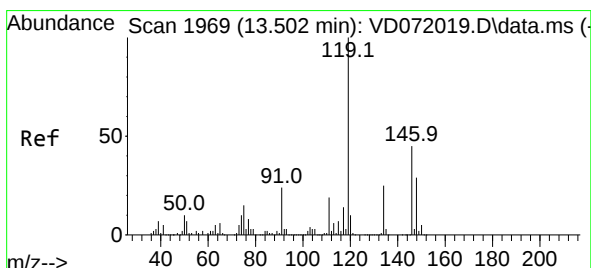
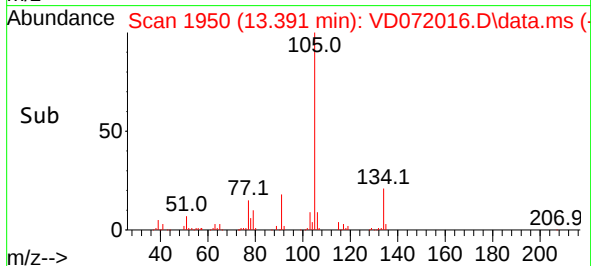
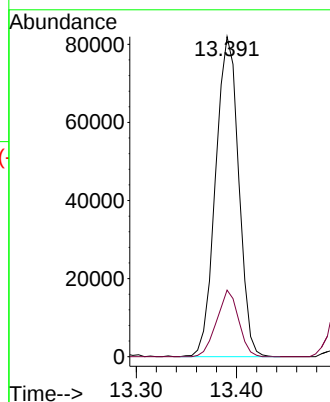
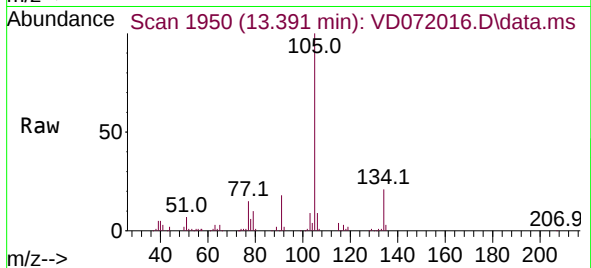
VSTDIC005

Tgt Ion:105 Resp: 131171

Ion Ratio Lower Upper

105 100

134 19.7 10.0 29.8



#86

p-Isopropyltoluene

Concen: 4.740 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

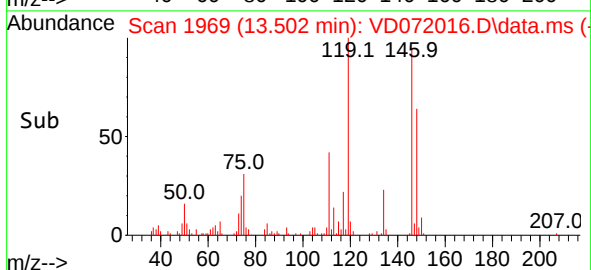
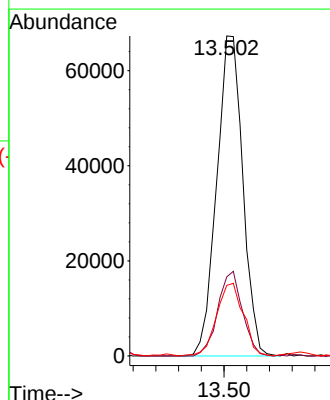
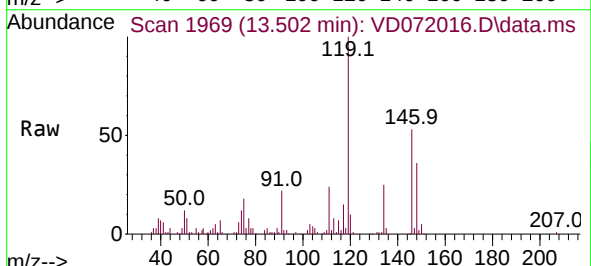
Tgt Ion:119 Resp: 107309

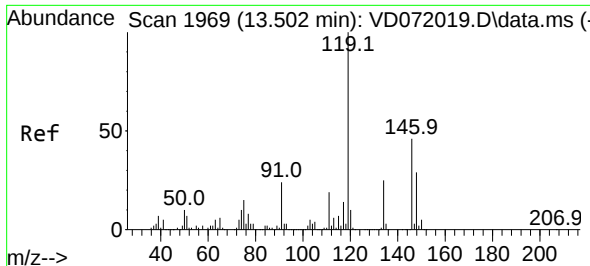
Ion Ratio Lower Upper

119 100

134 24.9 13.0 38.9

91 23.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 5.187 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

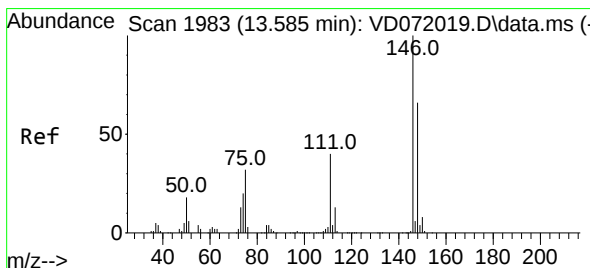
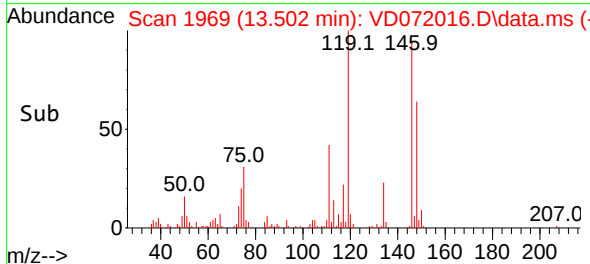
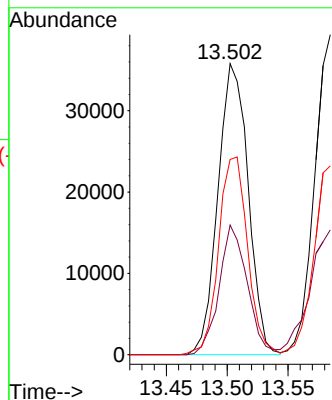
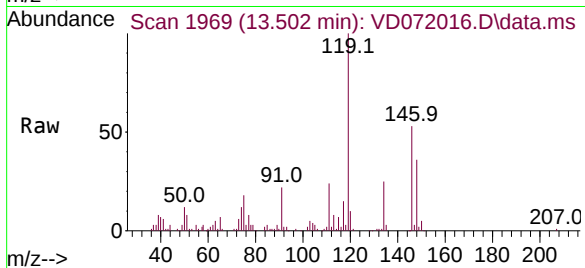
Tgt Ion:146 Resp: 61844

Ion Ratio Lower Upper

146 100

111 41.3 20.0 59.9

148 65.2 31.1 93.2



#88

1,4-Dichlorobenzene

Concen: 5.445 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

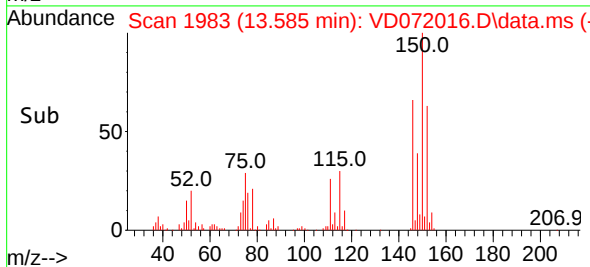
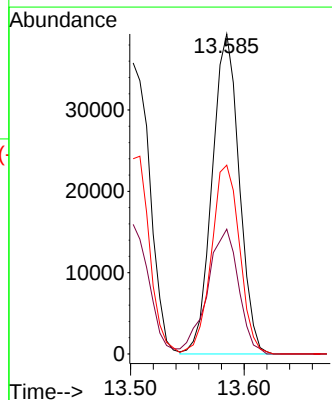
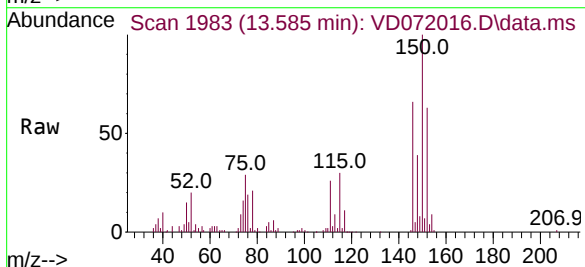
Tgt Ion:146 Resp: 65232

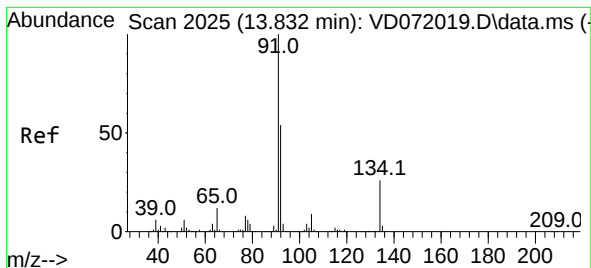
Ion Ratio Lower Upper

146 100

111 45.0 20.1 60.2

148 61.6 32.5 97.5





#89

n-Butylbenzene

Concen: 4.708 ug/l

RT: 13.832 min Scan# 2025

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

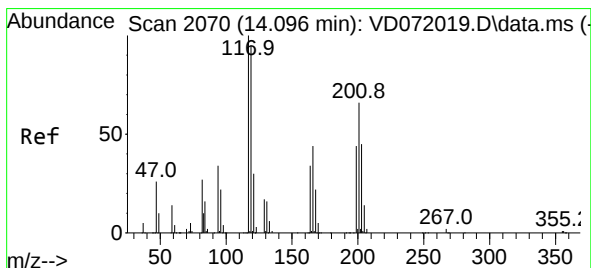
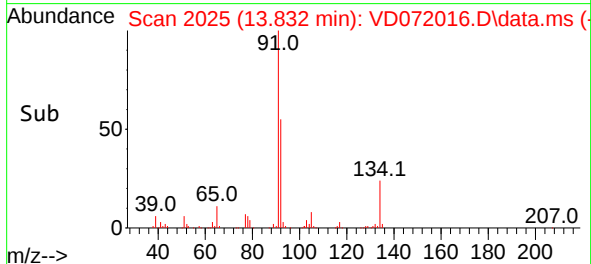
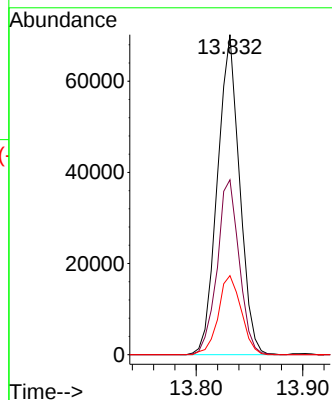
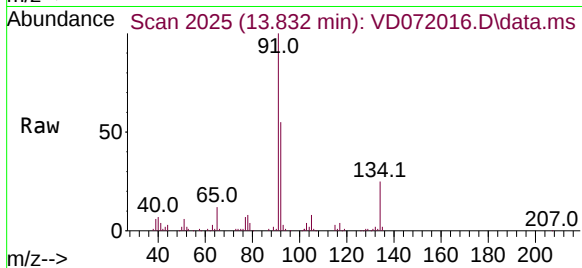
Tgt Ion: 91 Resp: 101350

Ion Ratio Lower Upper

91 100

92 54.3 27.0 81.0

134 25.5 12.8 38.4



#90

Hexachloroethane

Concen: 5.102 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD072016.D

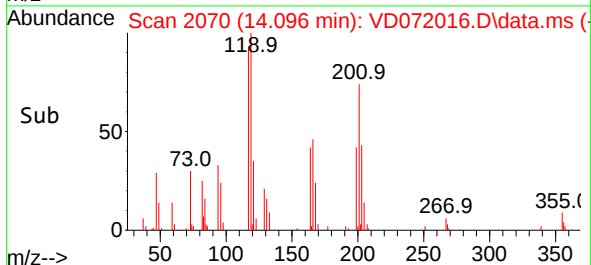
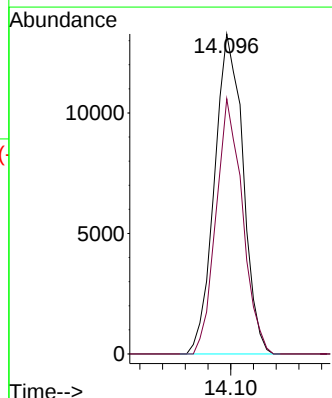
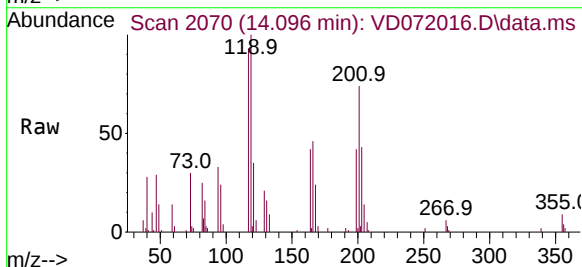
Acq: 18 Feb 2022 09:23

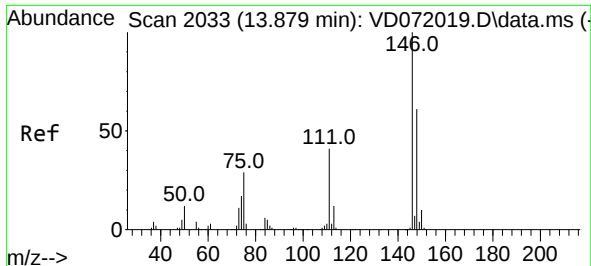
Tgt Ion: 117 Resp: 23182

Ion Ratio Lower Upper

117 100

201 74.0 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 5.177 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

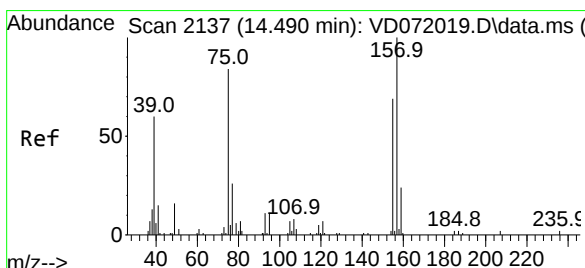
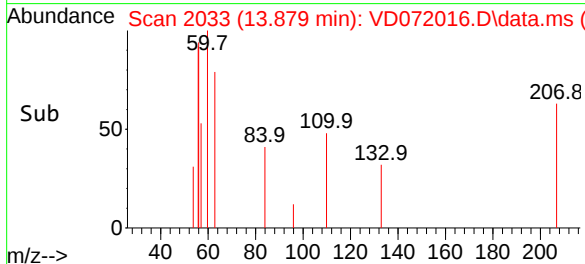
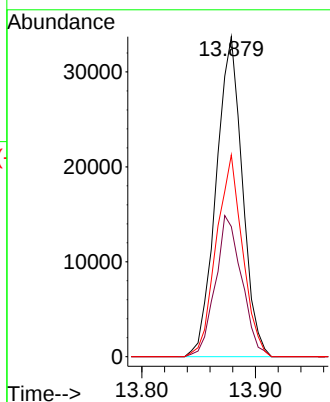
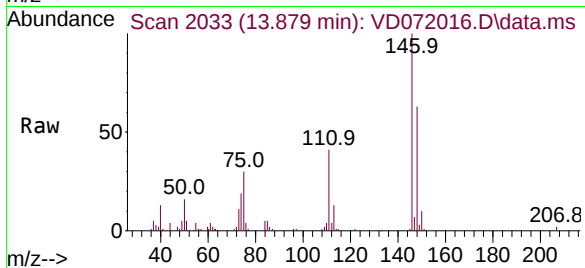
Tgt Ion:146 Resp: 54130

Ion Ratio Lower Upper

146 100

111 44.3 20.8 62.4

148 63.1 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.037 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. -0.006 min

Lab File: VD072016.D

Acq: 18 Feb 2022 09:23

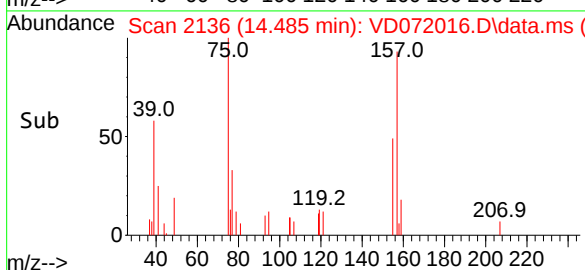
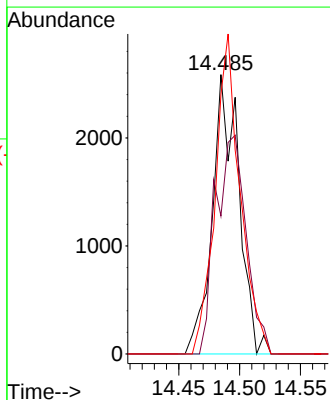
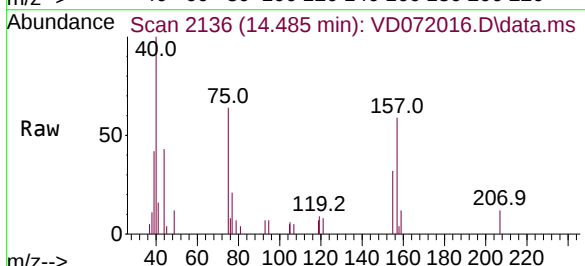
Tgt Ion: 75 Resp: 3907

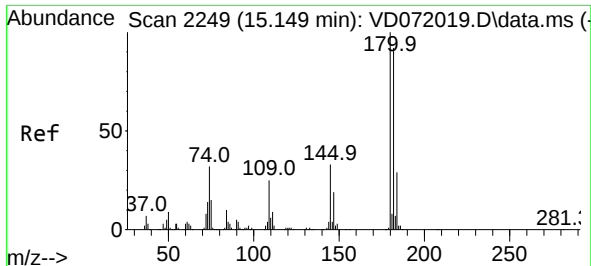
Ion Ratio Lower Upper

75 100

155 91.0 40.5 121.5

157 108.4 53.3 159.9

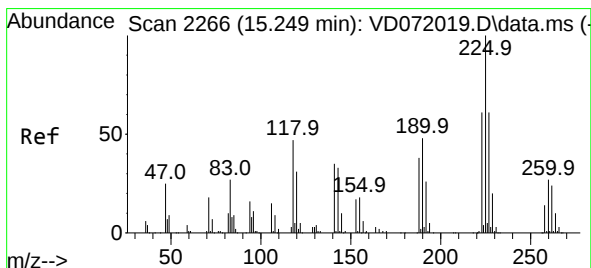
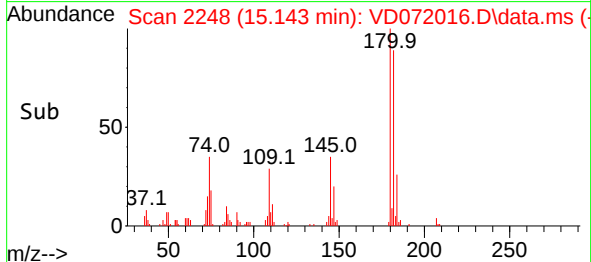
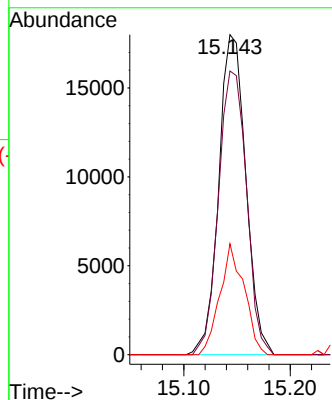
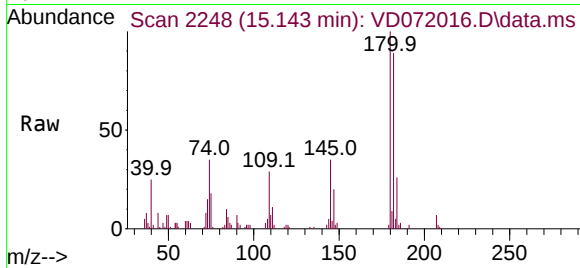




#93
1,2,4-Trichlorobenzene
Concen: 4.945 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

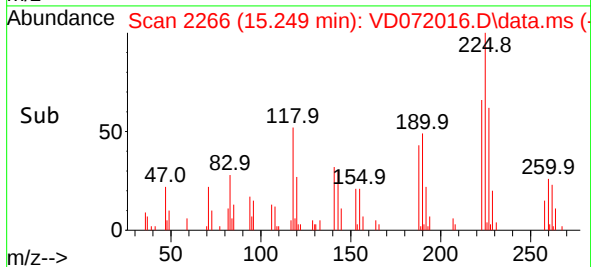
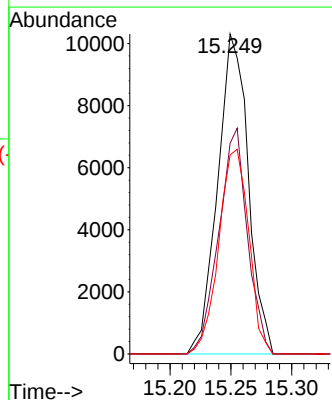
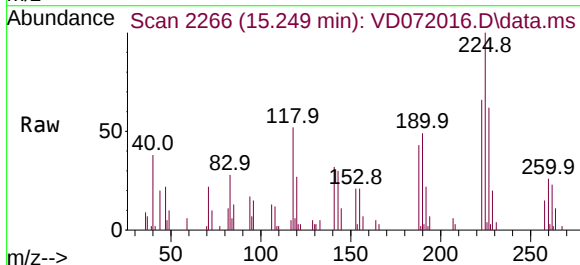
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

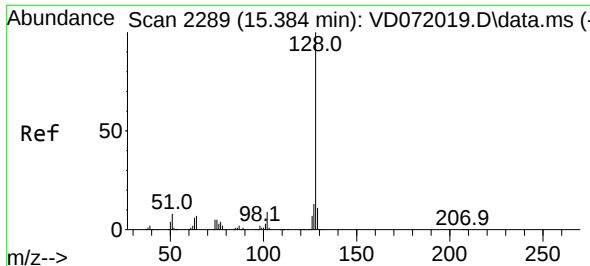
Tgt Ion:180 Resp: 31754
Ion Ratio Lower Upper
180 100
182 91.5 46.4 139.2
145 31.1 15.7 47.1



#94
Hexachlorobutadiene
Concen: 5.102 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion:225 Resp: 18015
Ion Ratio Lower Upper
225 100
223 66.4 30.9 92.7
227 62.7 31.6 95.0

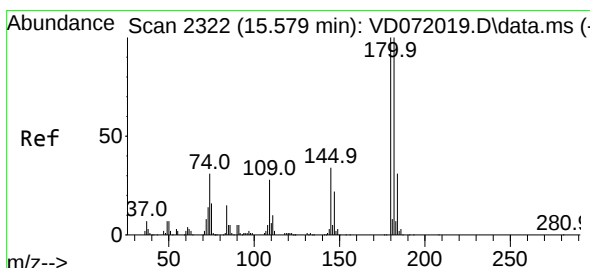
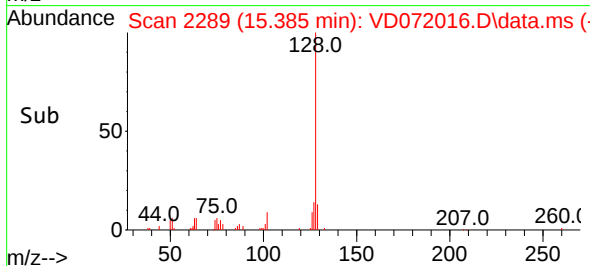
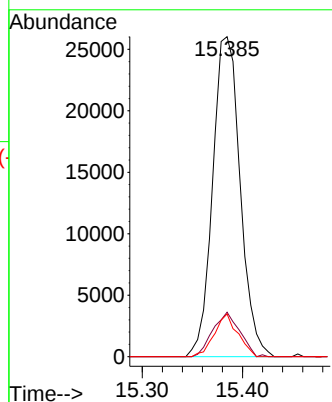
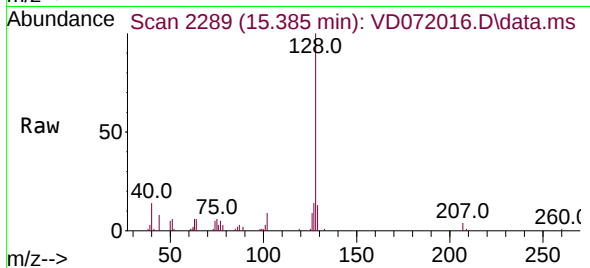




#95
Naphthalene
Concen: 4.251 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:	128	Resp:	49563
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	11.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.472 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072016.D
Acq: 18 Feb 2022 09:23

Tgt Ion:	180	Resp:	24770
Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.1	144.3
145	34.0	16.7	50.0

