

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074582.D
 Acq On : 19 Oct 2022 16:45
 Operator : VA/SY
 Sample : VD1019SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

Quant Time: Oct 20 06:45:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	96405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	143958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	129287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	34996	47.547	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.100%
35) Dibromofluoromethane	7.804	113	42441	53.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.560%
50) Toluene-d8	10.269	98	145488	50.493	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.569	95	43434	52.495	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	15086	20.160	ug/l	95
3) Chloromethane	2.146	50	21165	20.894	ug/l	91
4) Vinyl Chloride	2.281	62	22745	20.304	ug/l	97
5) Bromomethane	2.681	94	18386	21.674	ug/l	91
6) Chloroethane	2.834	64	15653	20.324	ug/l	97
7) Trichlorofluoromethane	3.175	101	31429	19.793	ug/l	99
8) Diethyl Ether	3.587	74	9326	20.281	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.963	101	20611	20.128	ug/l	99
10) Methyl Iodide	4.163	142	21196	18.586	ug/l	100
11) Tert butyl alcohol	5.028	59	12068	125.559	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	21125	20.626	ug/l	89
13) Acrolein	3.798	56	7552	95.801	ug/l	90
14) Allyl chloride	4.557	41	23043	20.834	ug/l	97
15) Acrylonitrile	5.257	53	19432	103.396	ug/l	96
16) Acetone	4.022	43	14262	88.735	ug/l	98
17) Carbon Disulfide	4.269	76	57385	20.476	ug/l	99
18) Methyl Acetate	4.575	43	10252	21.993	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	41145	20.558	ug/l	99
20) Methylene Chloride	4.804	84	30576	18.376	ug/l	93
21) trans-1,2-Dichloroethene	5.310	96	22505	19.711	ug/l	96
22) Diisopropyl ether	6.216	45	46776	20.958	ug/l	93
23) Vinyl Acetate	6.157	43	102868	105.399	ug/l	100
24) 1,1-Dichloroethane	6.116	63	35614	20.560	ug/l	96
25) 2-Butanone	7.081	43	20003	93.070	ug/l	95
26) 2,2-Dichloropropane	7.075	77	32558	19.665	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	25339	20.010	ug/l	99
28) Bromochloromethane	7.434	49	5794	14.884	ug/l #	99
29) Tetrahydrofuran	7.445	42	12349	105.345	ug/l	97
30) Chloroform	7.598	83	37558	20.150	ug/l	94
31) Cyclohexane	7.875	56	30317	20.505	ug/l	99
32) 1,1,1-Trichloroethane	7.792	97	34654	20.274	ug/l	97
36) 1,1-Dichloropropene	8.010	75	28698	22.191	ug/l	98
37) Ethyl Acetate	7.163	43	9507	23.300	ug/l #	78
38) Carbon Tetrachloride	7.992	117	27622	21.812	ug/l	96
39) Methylcyclohexane	9.275	83	32371	20.949	ug/l	97
40) Benzene	8.251	78	87221	22.725	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	4110	18.696	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	20649	23.314	ug/l	99
43) Isopropyl Acetate	8.363	43	16949	22.351	ug/l	99
44) Trichloroethene	9.028	130	22845	20.318	ug/l	98
45) 1,2-Dichloropropane	9.304	63	17357	20.607	ug/l	91
46) Dibromomethane	9.392	93	10112	20.805	ug/l	94
47) Bromodichloromethane	9.586	83	25430	21.146	ug/l #	94
48) Methyl methacrylate	9.381	41	7365	21.252	ug/l	96
49) 1,4-Dioxane	9.381	88	1879	392.794	ug/l #	75
51) 4-Methyl-2-Pentanone	10.157	43	39206	103.946	ug/l	97
52) Toluene	10.333	92	51520	21.766	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	22102	20.904	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	26941	20.209	ug/l	96
55) 1,1,2-Trichloroethane	10.733	97	14490	21.698	ug/l	97
56) Ethyl methacrylate	10.598	69	15835	21.692	ug/l	99
57) 1,3-Dichloropropane	10.875	76	23468	21.663	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	11586	88.969	ug/l	96
59) 2-Hexanone	10.922	43	26337	102.304	ug/l	95
60) Dibromochloromethane	11.075	129	16952	21.060	ug/l	97
61) 1,2-Dibromoethane	11.175	107	13419	22.013	ug/l	99
64) Tetrachloroethene	10.810	164	18833	19.707	ug/l	93
65) Chlorobenzene	11.604	112	56347	20.691	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.680	131	18659	19.943	ug/l	95
67) Ethyl Benzene	11.680	91	95827	20.208	ug/l	98
68) m/p-Xylenes	11.792	106	78050	41.395	ug/l	98
69) o-Xylene	12.122	106	35114	20.010	ug/l	97
70) Styrene	12.133	104	61194	20.707	ug/l	98
71) Bromoform	12.298	173	9696	19.738	ug/l #	96
73) Isopropylbenzene	12.422	105	95949	19.937	ug/l	100
74) N-amyl acetate	12.233	43	14126	19.858	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.674	83	15184	19.930	ug/l	96
76) 1,2,3-Trichloropropane	12.716	75	18605	34.528	ug/l #	17
77) Bromobenzene	12.698	156	22615	20.820	ug/l	96
78) n-propylbenzene	12.763	91	114995	20.218	ug/l	99
79) 2-Chlorotoluene	12.851	91	60893	19.762	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	79449	20.336	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	4010	19.018	ug/l	99
82) 4-Chlorotoluene	12.945	91	64273	20.303	ug/l	100
83) tert-Butylbenzene	13.163	119	69150	19.842	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	76923	20.009	ug/l	98
85) sec-Butylbenzene	13.345	105	103494	19.789	ug/l	99
86) p-Isopropyltoluene	13.457	119	88057	20.098	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	44818	19.856	ug/l	97
88) 1,4-Dichlorobenzene	13.533	146	44277	20.038	ug/l	100
89) n-Butylbenzene	13.786	91	79198	19.841	ug/l	99
90) Hexachloroethane	14.057	117	14949	19.602	ug/l	97
91) 1,2-Dichlorobenzene	13.827	146	38469	20.431	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2068	19.627	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	23446	18.877	ug/l	96
94) Hexachlorobutadiene	15.198	225	13788	20.178	ug/l	95
95) Naphthalene	15.333	128	44263	18.931	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	21244	19.953	ug/l	98

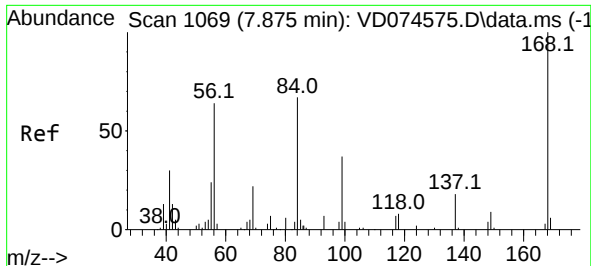
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
Data File : VD074582.D
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Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 2022
Response via : Initial Calibration

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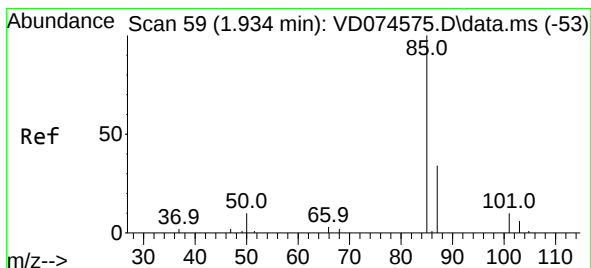
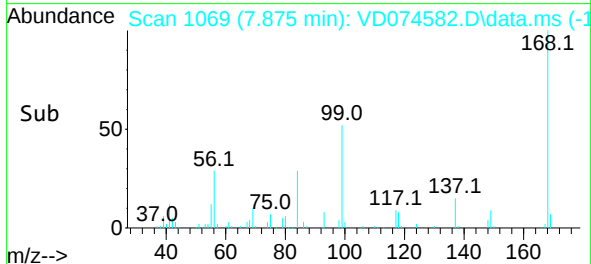
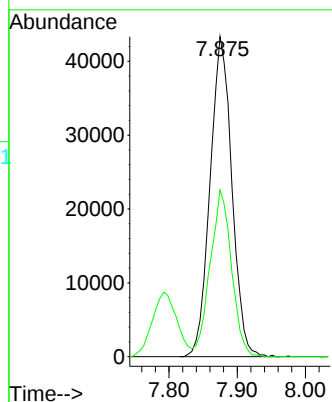
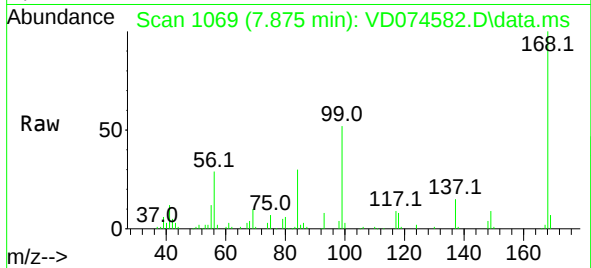
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

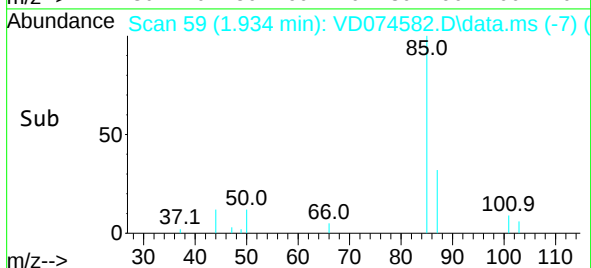
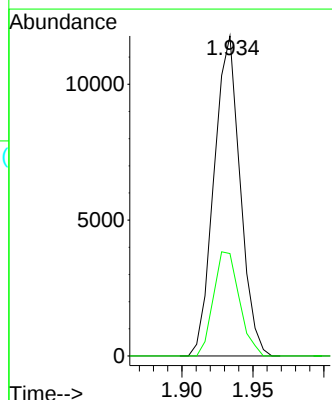
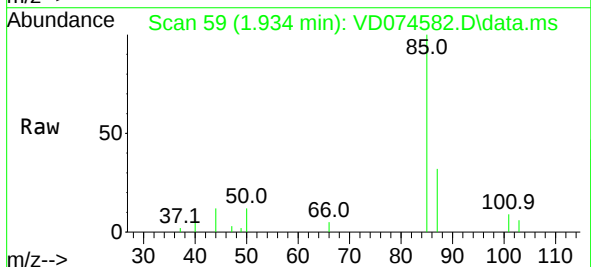
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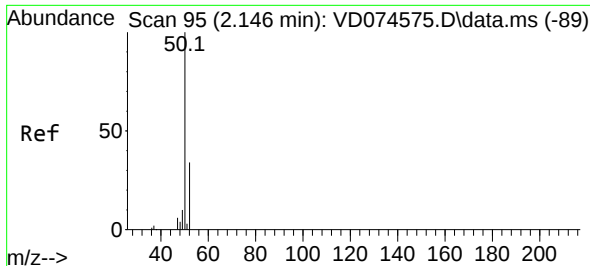
Tgt Ion:168 Resp: 96405
Ion Ratio Lower Upper
168 100
99 52.0 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 20.160 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 85 Resp: 15086
Ion Ratio Lower Upper
85 100
87 32.0 17.5 52.6

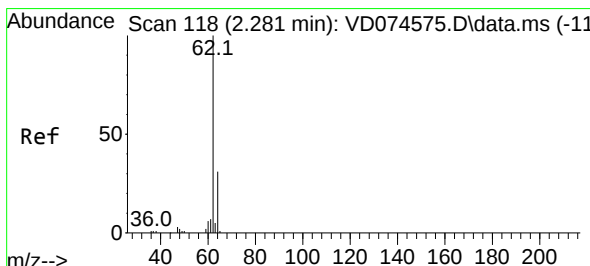
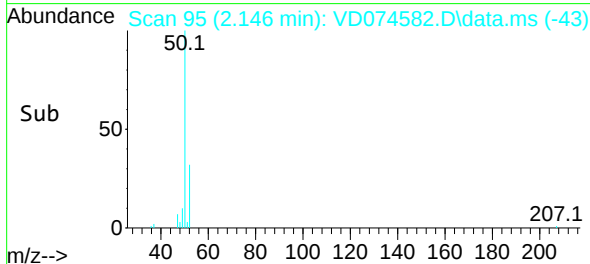
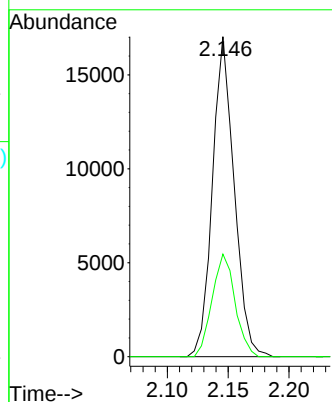
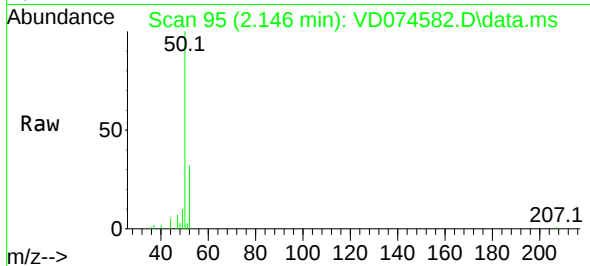




#3
Chloromethane
Concen: 20.894 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

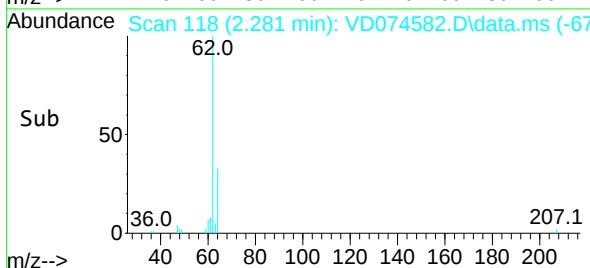
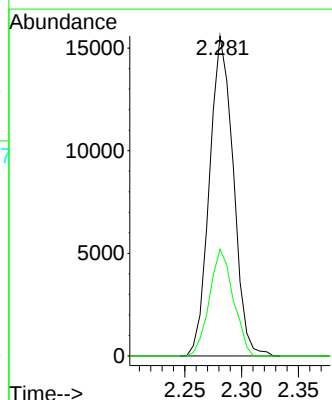
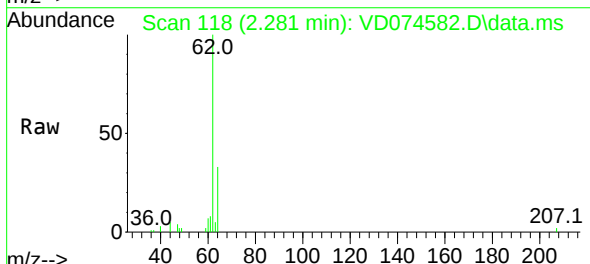
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

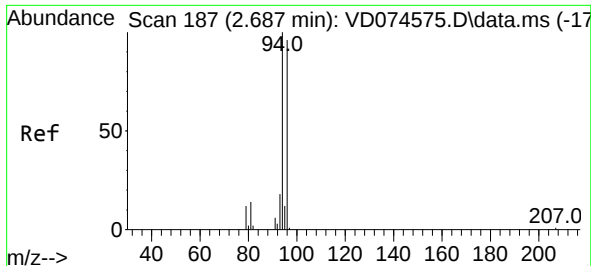
Tgt Ion: 50 Resp: 21165
Ion Ratio Lower Upper
50 100
52 32.1 30.0 45.0



#4
Vinyl Chloride
Concen: 20.304 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 62 Resp: 22745
Ion Ratio Lower Upper
62 100
64 33.3 25.5 38.3

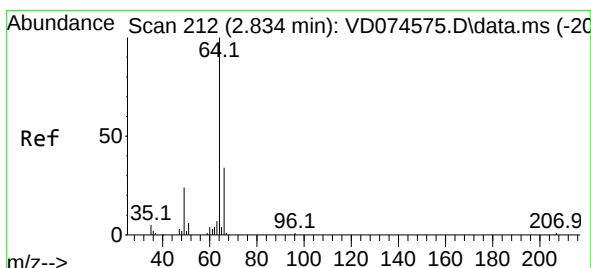
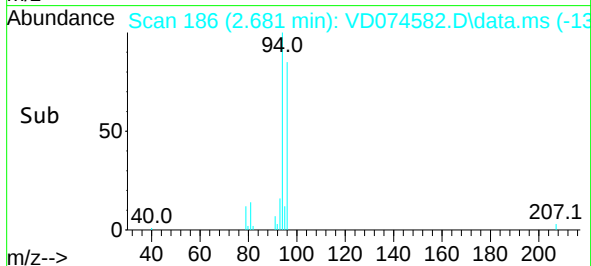
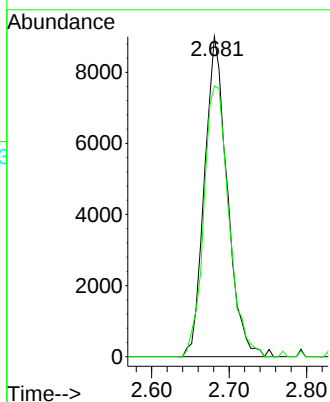
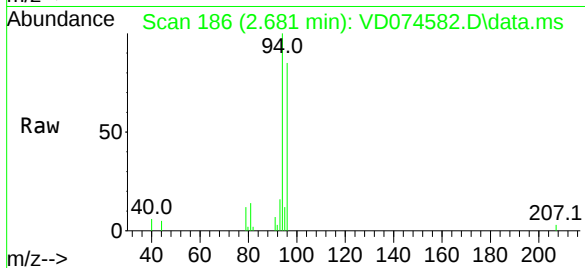




#5
Bromomethane
Concen: 21.674 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

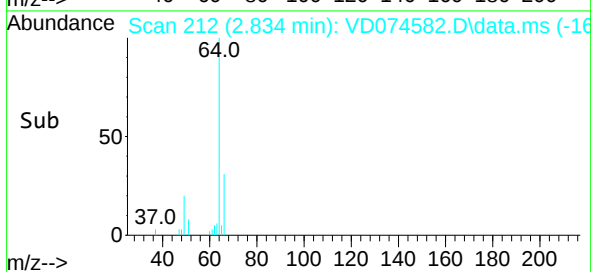
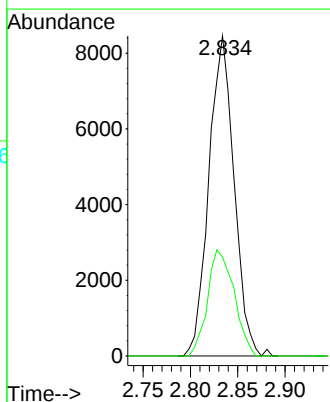
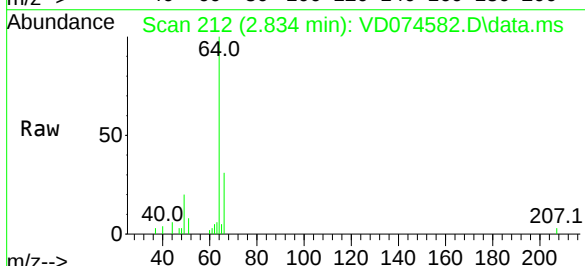
Instrument :
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ClientSampleId :
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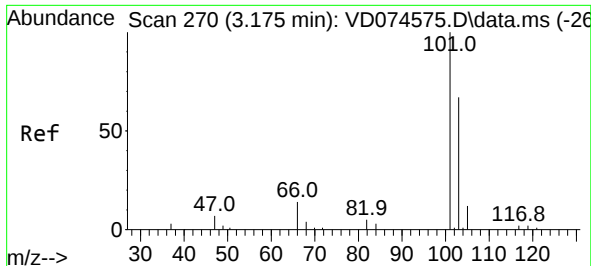
Tgt Ion: 94 Resp: 18386
Ion Ratio Lower Upper
94 100
96 84.6 74.6 112.0



#6
Chloroethane
Concen: 20.324 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 64 Resp: 15653
Ion Ratio Lower Upper
64 100
66 30.9 25.8 38.8

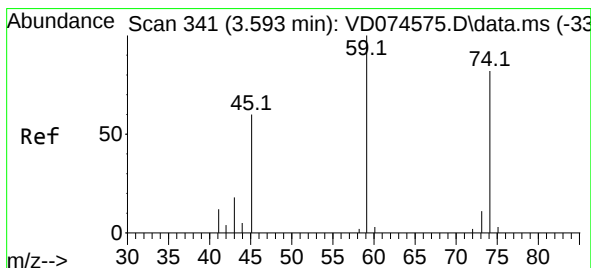
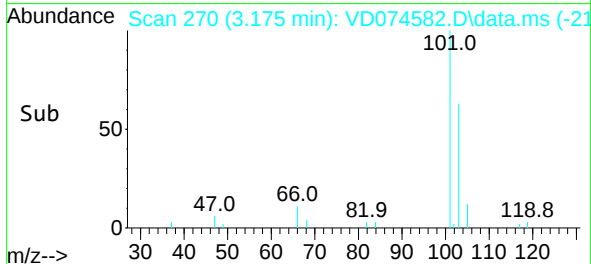
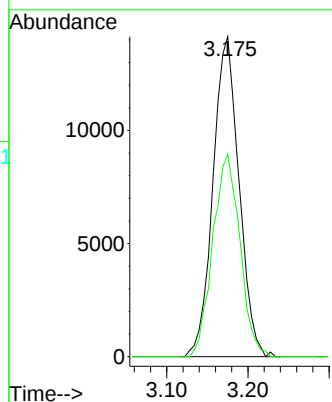
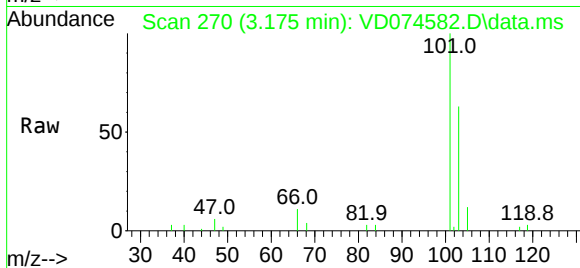




#7
 Trichlorofluoromethane
 Concen: 19.793 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD074582.D
 Acq: 19 Oct 2022 16:45

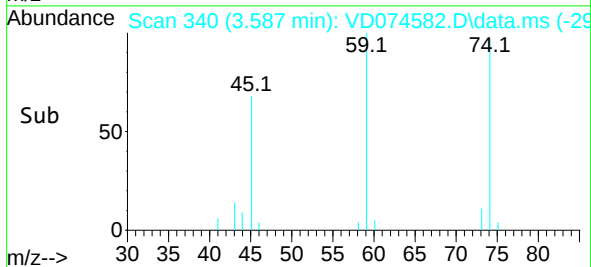
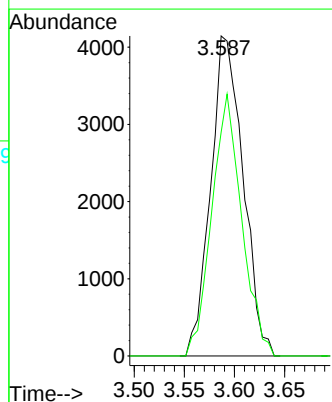
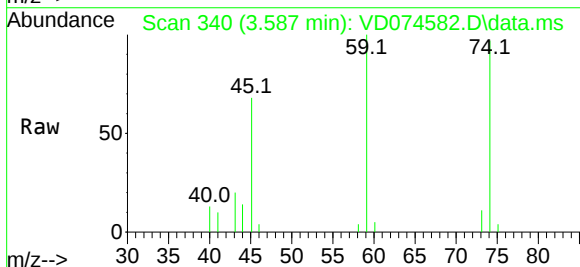
Instrument :
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 ClientSampleId :
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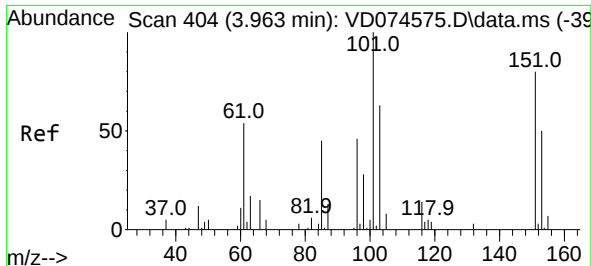
Tgt Ion:101 Resp: 31429
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.8 74.8



#8
 Diethyl Ether
 Concen: 20.281 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD074582.D
 Acq: 19 Oct 2022 16:45

Tgt Ion: 74 Resp: 9326
 Ion Ratio Lower Upper
 74 100
 45 75.6 37.9 113.6

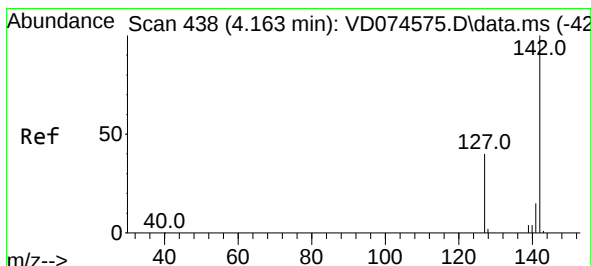
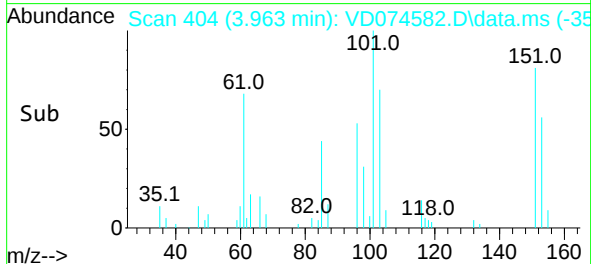
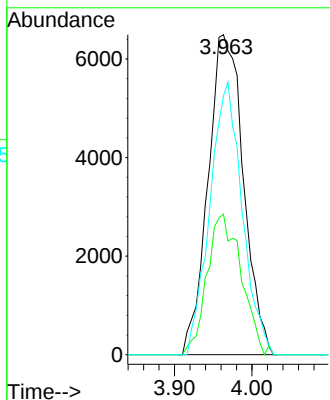
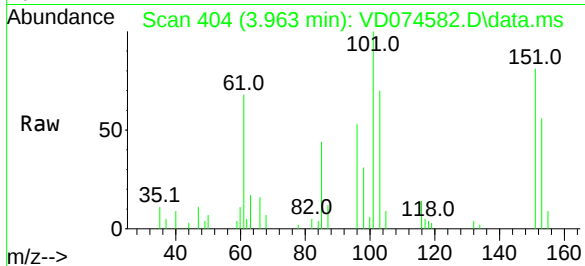




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.128 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD074582.D
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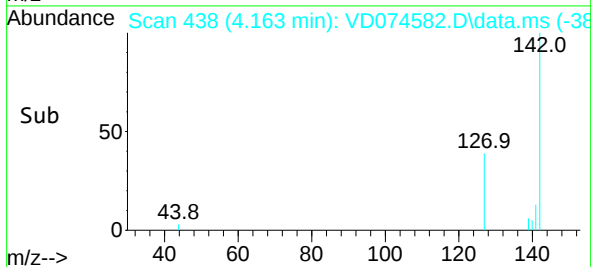
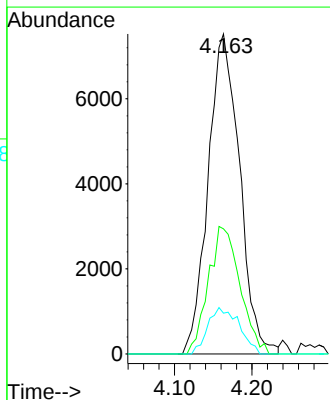
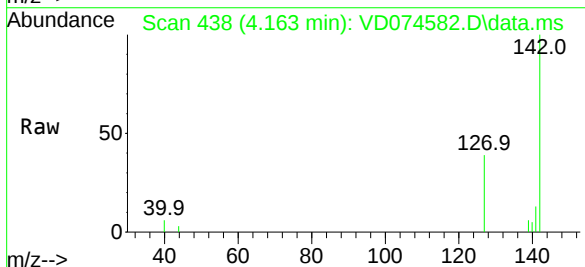
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

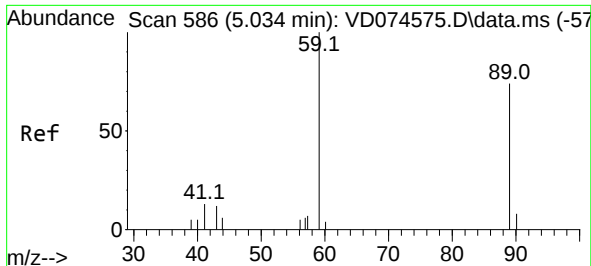
Tgt Ion:101 Resp: 20611
Ion Ratio Lower Upper
101 100
85 42.6 34.1 51.1
151 77.9 61.7 92.5



#10
Methyl Iodide
Concen: 18.586 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion:142 Resp: 21196
Ion Ratio Lower Upper
142 100
127 40.1 31.9 47.9
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 125.559 ug/l

RT: 5.028 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

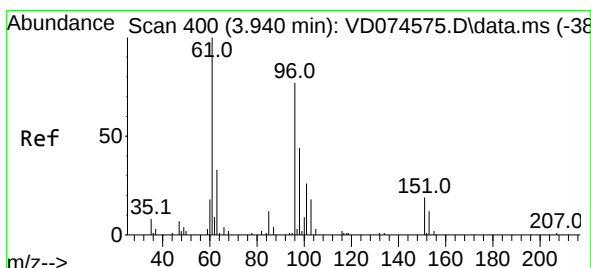
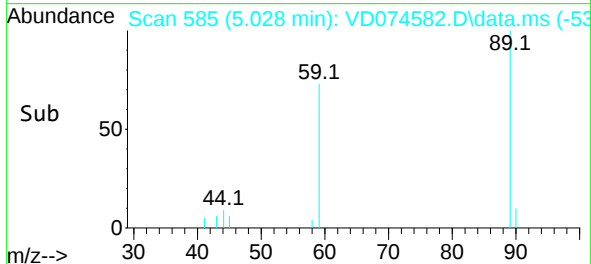
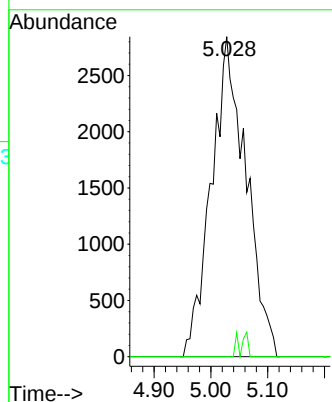
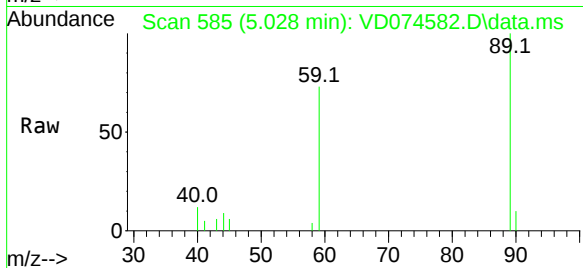
VD1019SBS01

Tgt Ion: 59 Resp: 12068

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 20.626 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.006 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

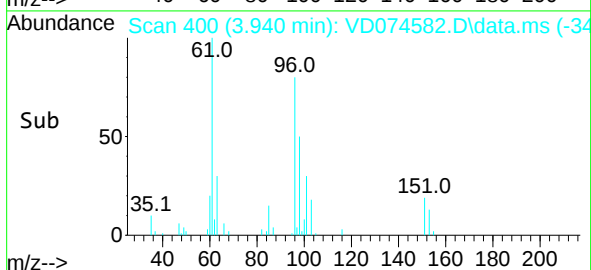
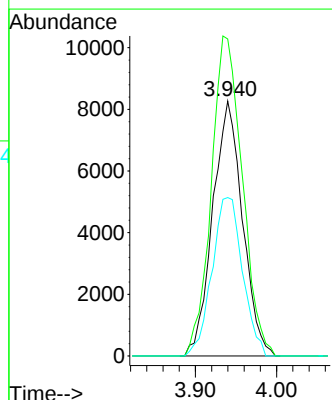
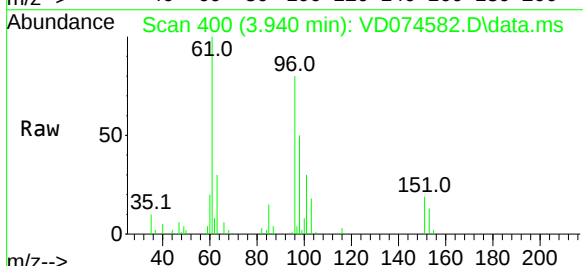
Tgt Ion: 96 Resp: 21125

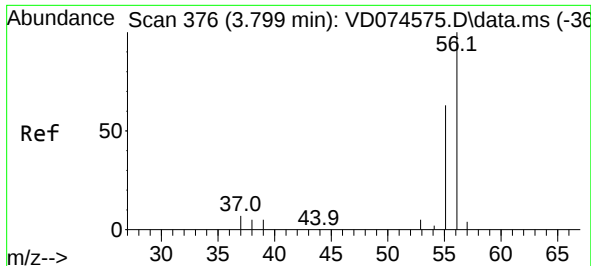
Ion Ratio Lower Upper

96 100

61 124.3 113.9 170.9

98 62.1 51.8 77.8

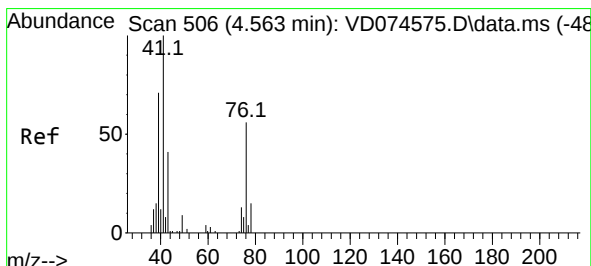
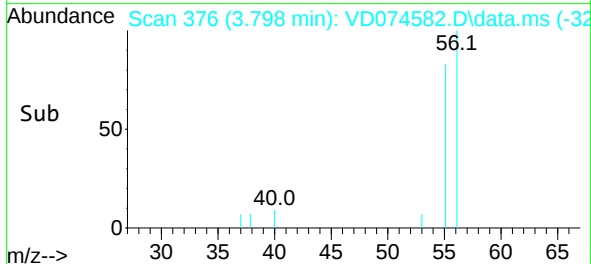
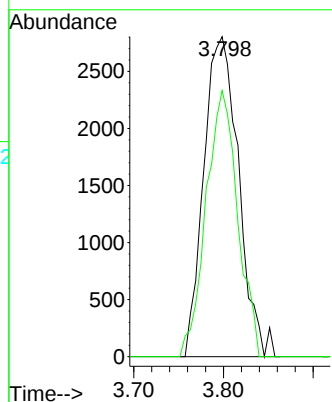
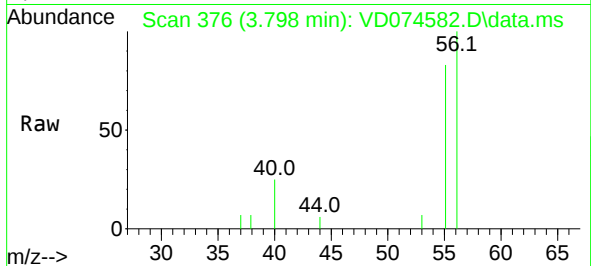




#13
Acrolein
Concen: 95.801 ug/l
RT: 3.798 min Scan# 31
Delta R.T. -0.001 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

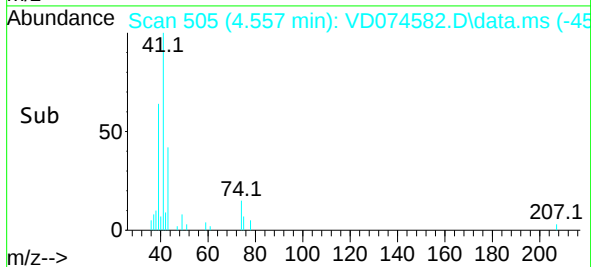
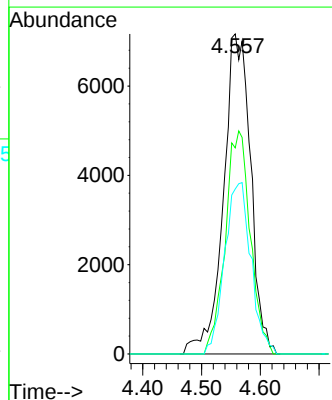
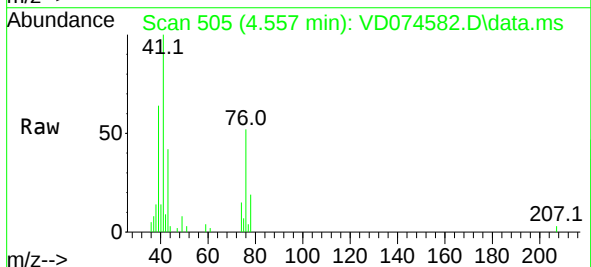
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

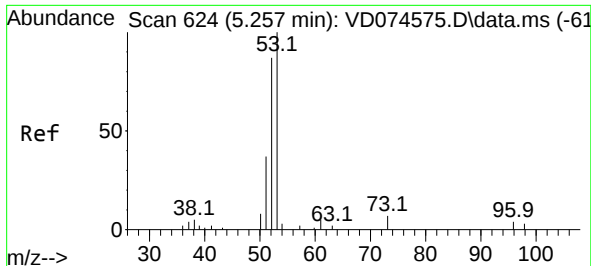
Tgt Ion: 56 Resp: 7552
Ion Ratio Lower Upper
56 100
55 75.5 54.0 81.0



#14
Allyl chloride
Concen: 20.834 ug/l
RT: 4.557 min Scan# 505
Delta R.T. 0.005 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 41 Resp: 23043
Ion Ratio Lower Upper
41 100
39 64.2 53.4 80.2
76 51.8 42.4 63.6

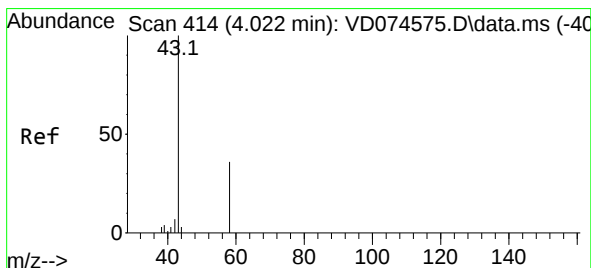
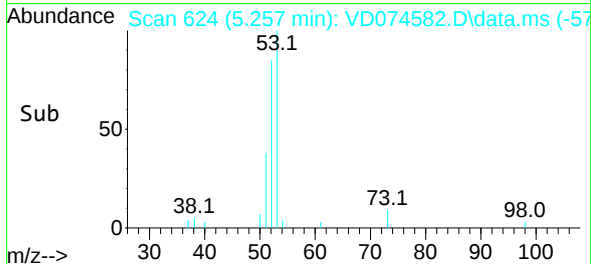
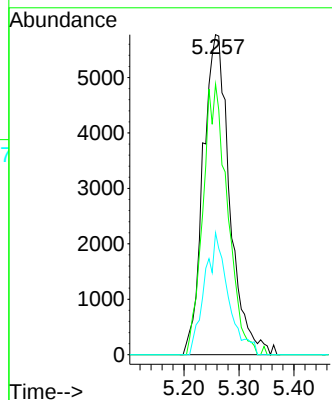
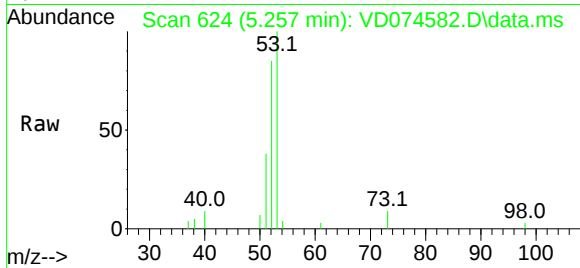




#15
Acrylonitrile
Concen: 103.396 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

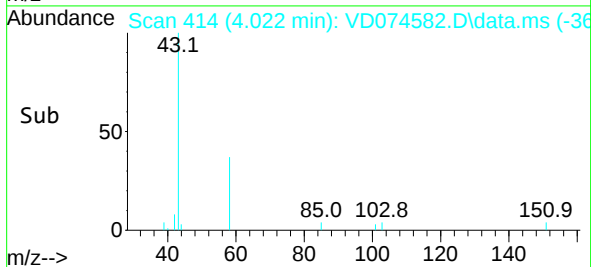
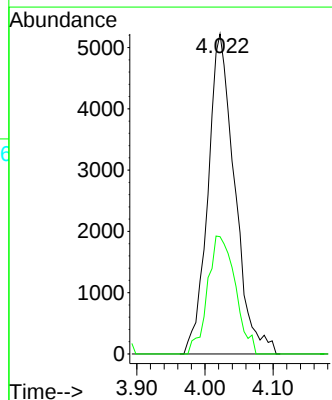
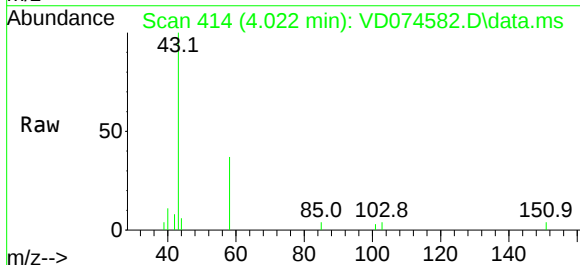
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

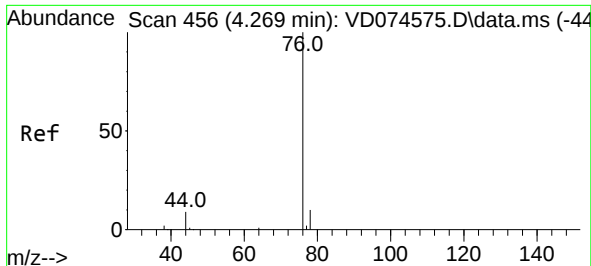
Tgt Ion:	53	Resp:	19432
Ion	Ratio	Lower	Upper
53	100		
52	78.2	66.0	99.0
51	33.6	28.3	42.5



#16
Acetone
Concen: 88.735 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion:	43	Resp:	14262
Ion	Ratio	Lower	Upper
43	100		
58	36.7	30.2	45.2

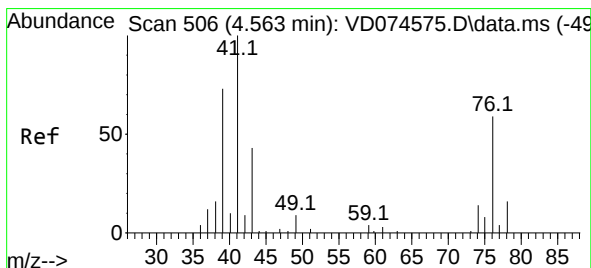
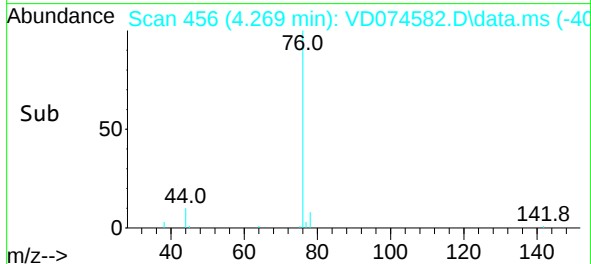
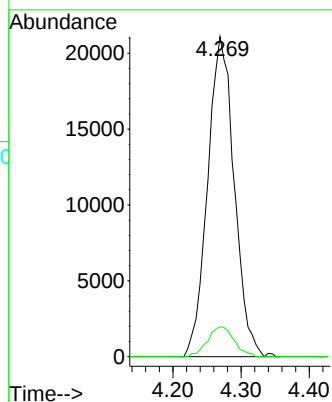
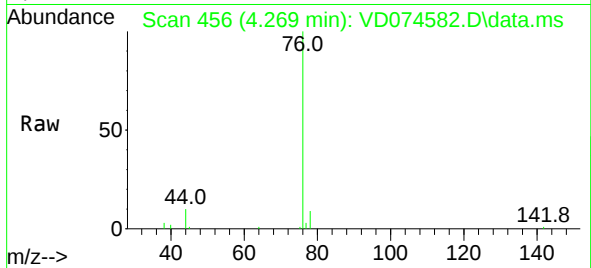




#17
Carbon Disulfide
Concen: 20.476 ug/l
RT: 4.269 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

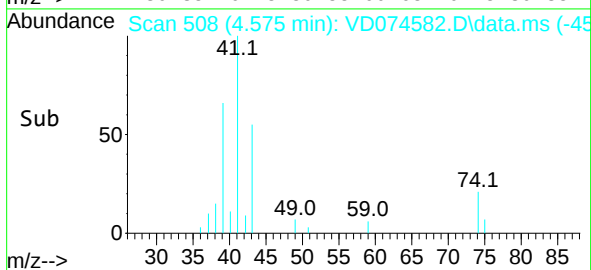
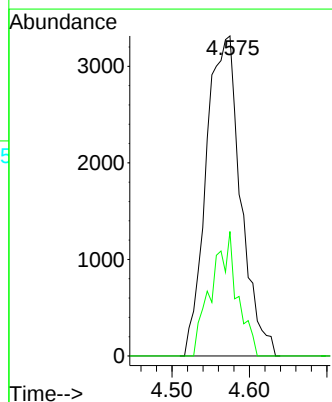
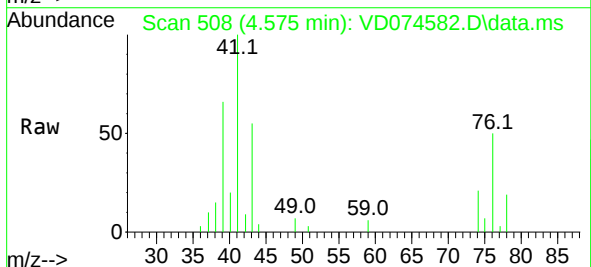
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

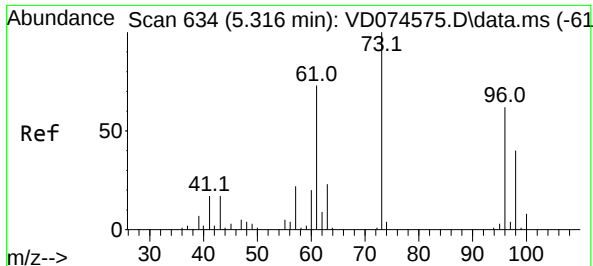
Tgt Ion: 76 Resp: 57385
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8



#18
Methyl Acetate
Concen: 21.993 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.017 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 43 Resp: 10252
Ion Ratio Lower Upper
43 100
74 29.1 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 20.558 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

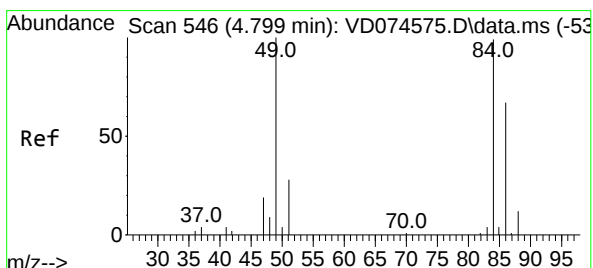
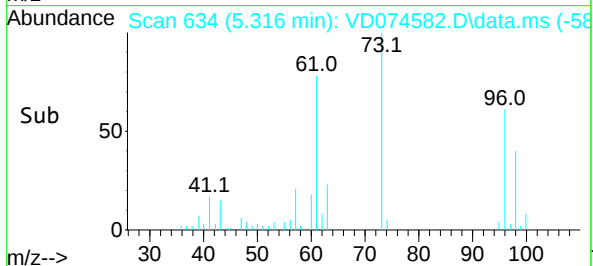
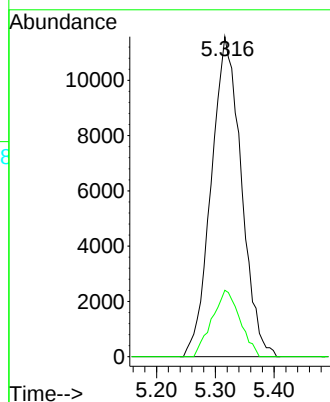
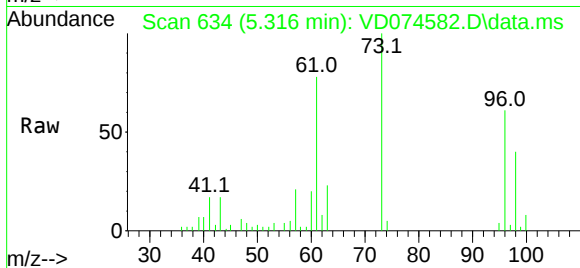
VD1019SBS01

Tgt Ion: 73 Resp: 41145

Ion Ratio Lower Upper

73 100

57 20.8 16.1 24.1



#20

Methylene Chloride

Concen: 18.376 ug/l

RT: 4.804 min Scan# 547

Delta R.T. 0.005 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Tgt Ion: 84 Resp: 30576

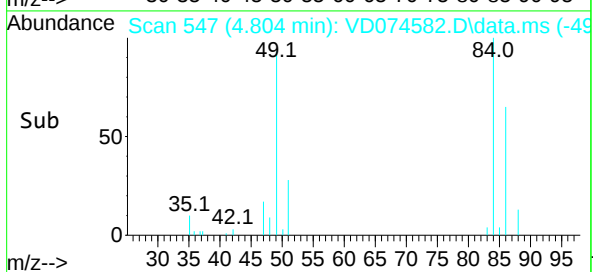
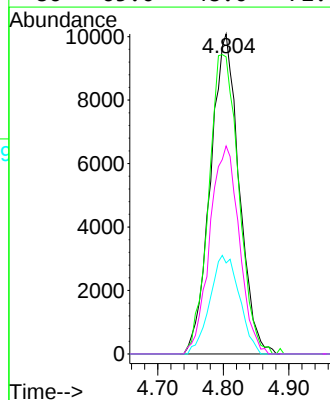
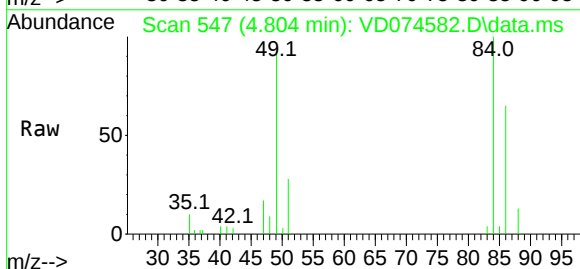
Ion Ratio Lower Upper

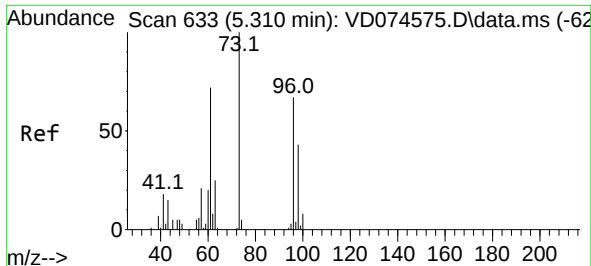
84 100

49 92.8 68.0 102.0

51 28.4 23.2 34.8

86 65.0 48.0 72.0

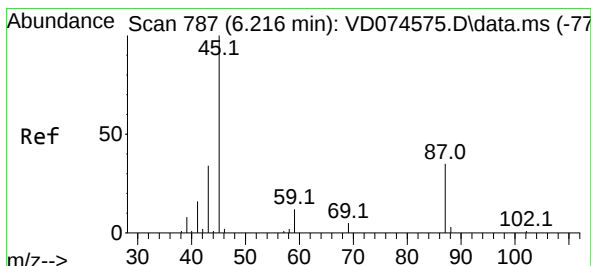
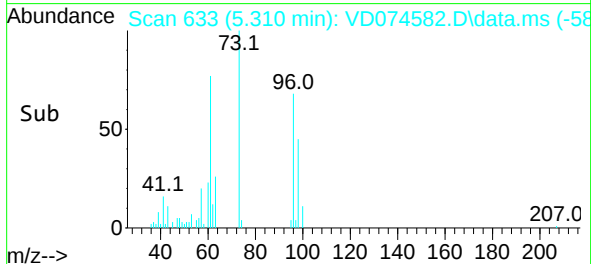
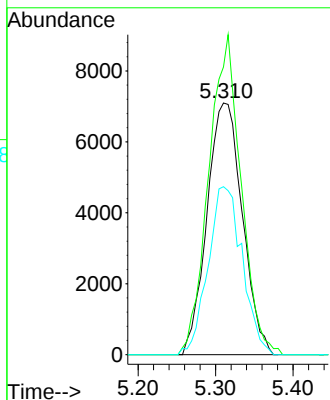
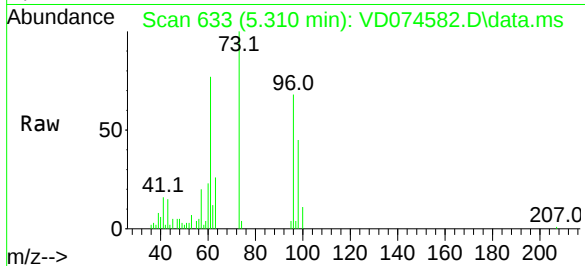




#21
trans-1,2-Dichloroethene
Concen: 19.711 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

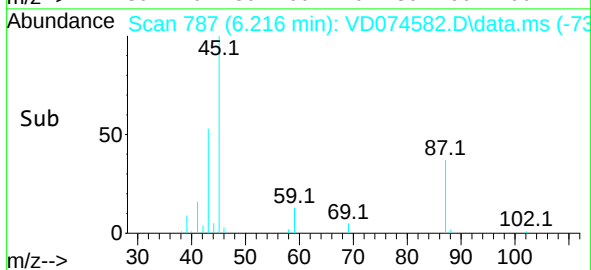
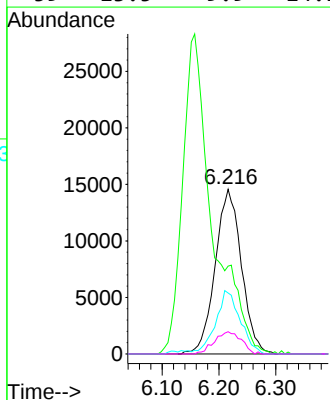
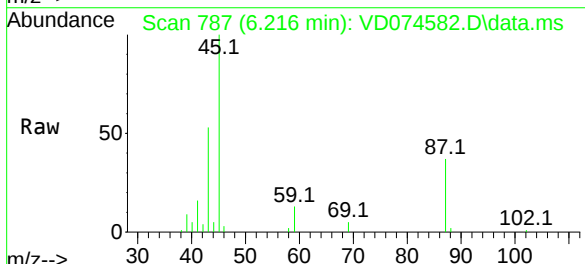
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

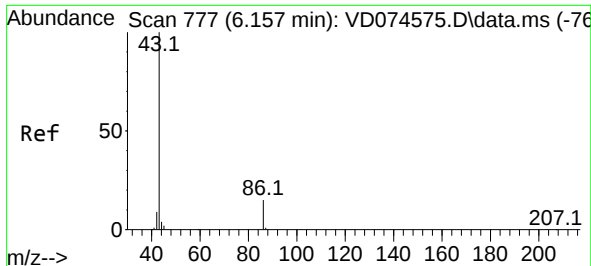
Tgt Ion: 96 Resp: 22505
Ion Ratio Lower Upper
96 100
61 114.3 95.7 143.5
98 66.7 54.8 82.2



#22
Diisopropyl ether
Concen: 20.958 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 45 Resp: 46776
Ion Ratio Lower Upper
45 100
43 53.4 37.8 56.6
87 37.0 26.6 40.0
59 13.5 9.9 14.9

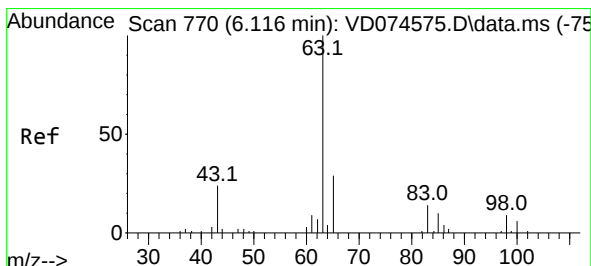
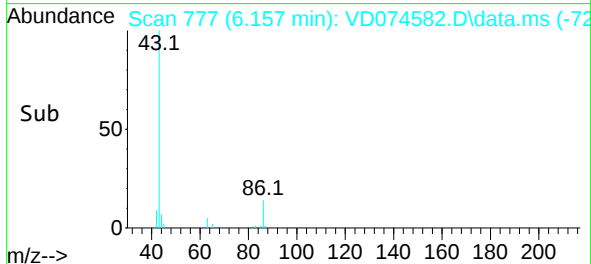
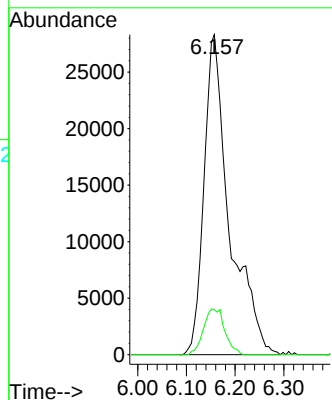
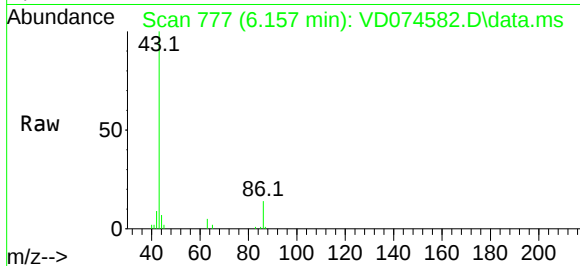




#23
 Vinyl Acetate
 Concen: 105.399 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD074582.D
 Acq: 19 Oct 2022 16:45

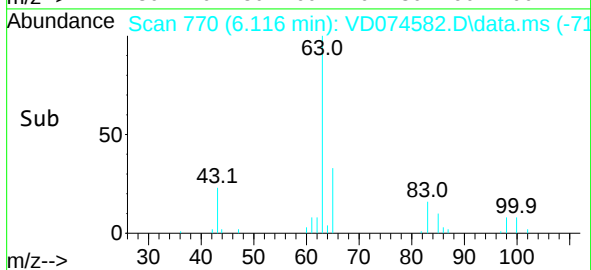
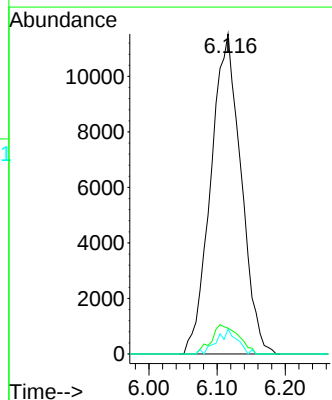
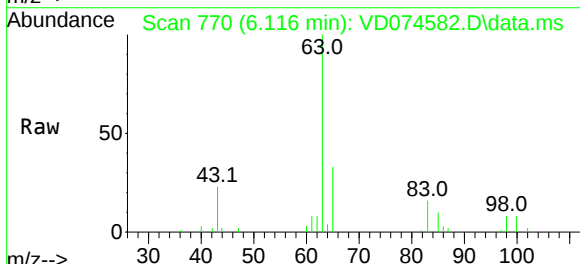
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

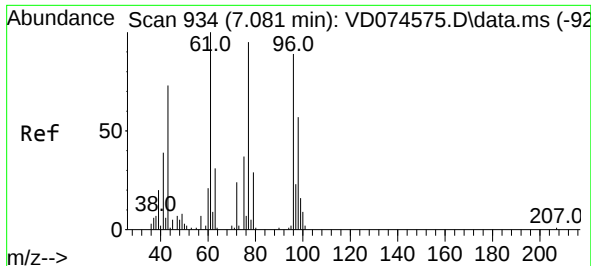
Tgt Ion: 43 Resp: 102868
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 20.560 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.011 min
 Lab File: VD074582.D
 Acq: 19 Oct 2022 16:45

Tgt Ion: 63 Resp: 35614
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.6 13.8
 100 7.8 2.9 8.6

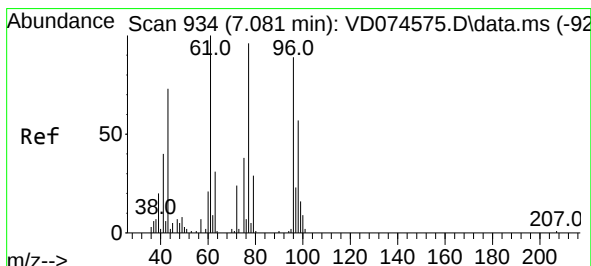
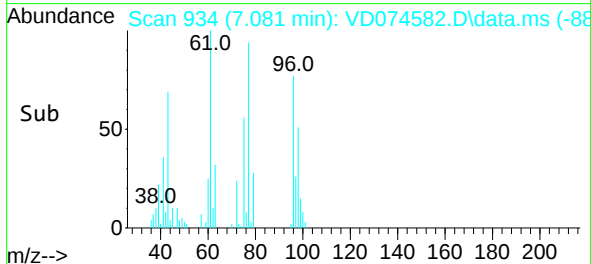
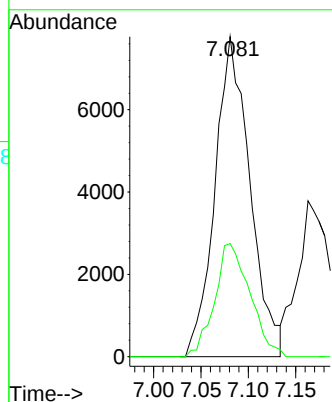
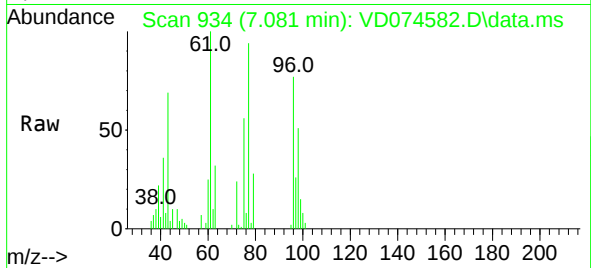




#25
2-Butanone
Concen: 93.070 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

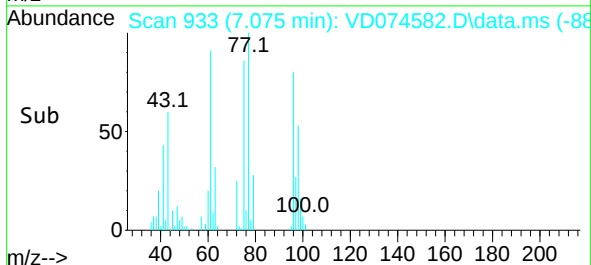
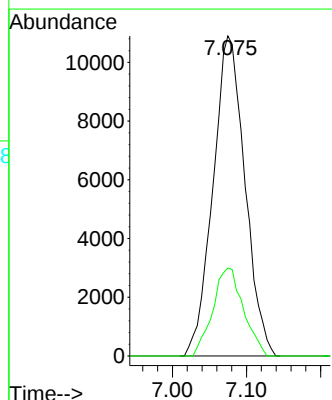
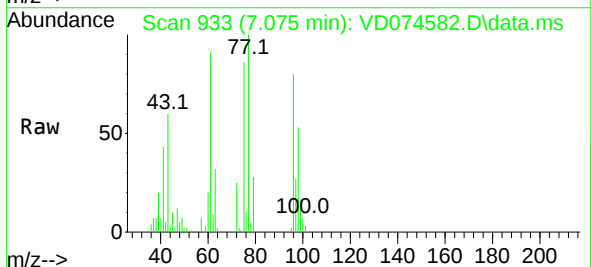
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

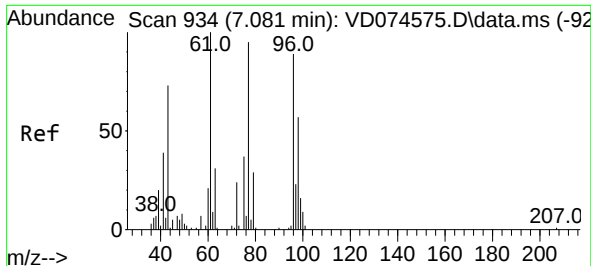
Tgt Ion: 43 Resp: 20003
Ion Ratio Lower Upper
43 100
72 35.4 25.8 38.8



#26
2,2-Dichloropropane
Concen: 19.665 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 77 Resp: 32558
Ion Ratio Lower Upper
77 100
97 26.3 12.5 37.5

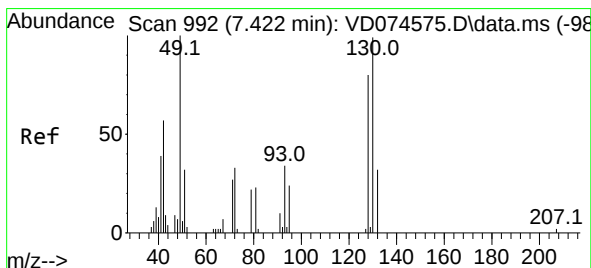
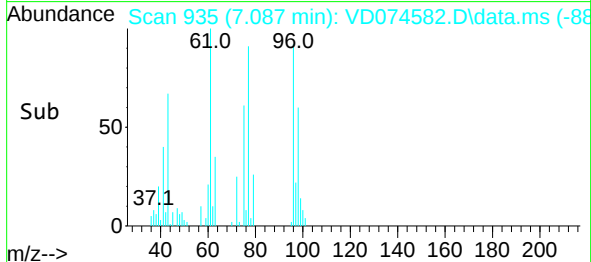
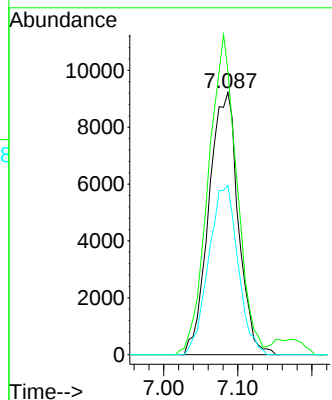
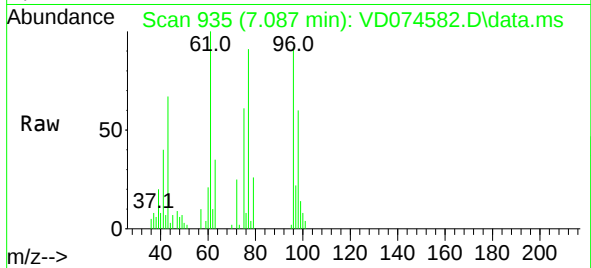




#27
 cis-1,2-Dichloroethene
 Concen: 20.010 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VD074582.D
 Acq: 19 Oct 2022 16:45

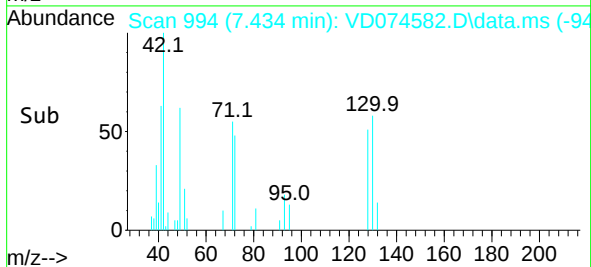
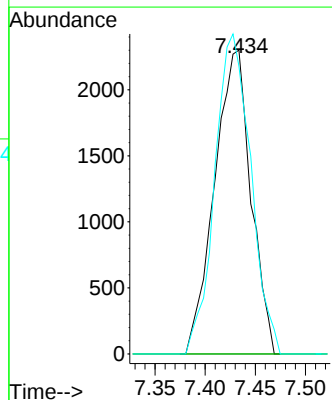
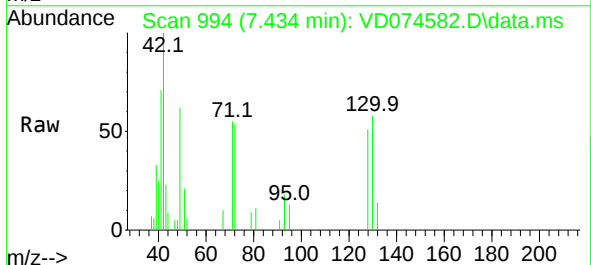
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

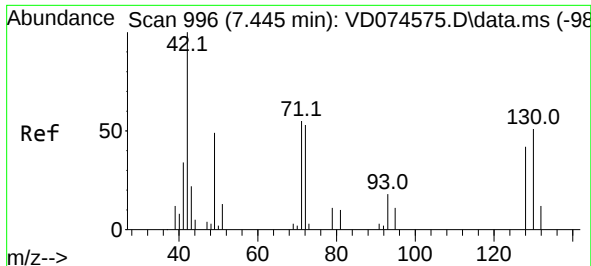
Tgt Ion:	96	Resp:	25339
Ion	Ratio	Lower	Upper
96	100		
61	119.3	0.0	242.4
98	64.8	0.0	130.0



#28
 Bromochloromethane
 Concen: 14.884 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD074582.D
 Acq: 19 Oct 2022 16:45

Tgt Ion:	49	Resp:	5794
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	104.4	84.1	126.1





#29

Tetrahydrofuran

Concen: 105.345 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.001 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

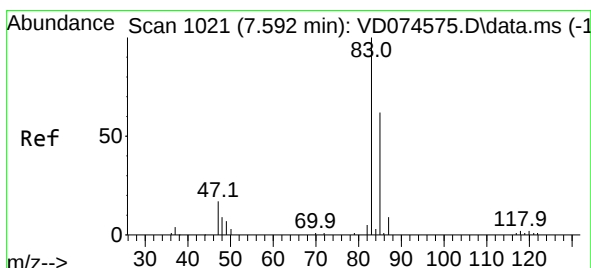
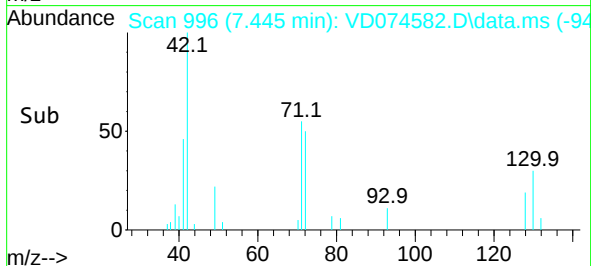
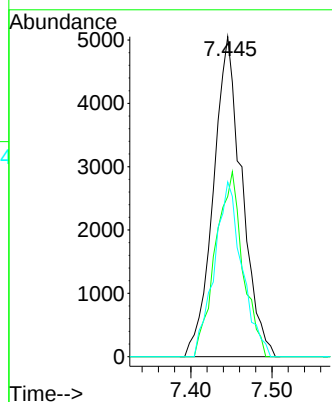
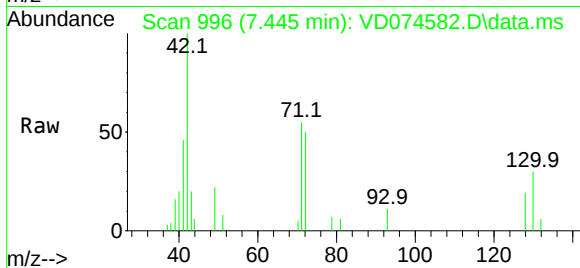
Tgt Ion: 42 Resp: 12349

Ion Ratio Lower Upper

42 100

72 55.6 45.8 68.6

71 53.1 44.6 66.8



#30

Chloroform

Concen: 20.150 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.005 min

Lab File: VD074582.D

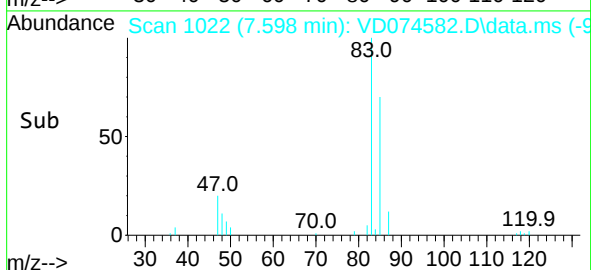
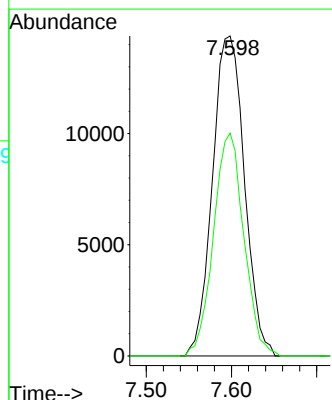
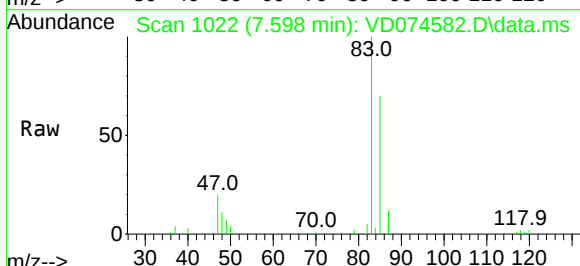
Acq: 19 Oct 2022 16:45

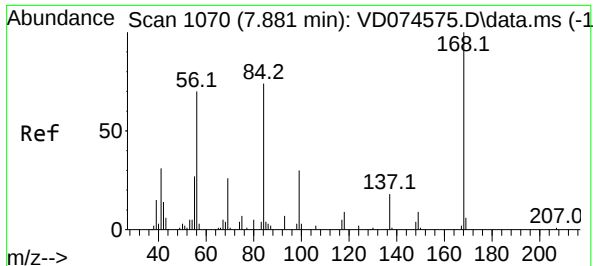
Tgt Ion: 83 Resp: 37558

Ion Ratio Lower Upper

83 100

85 69.7 52.0 78.0

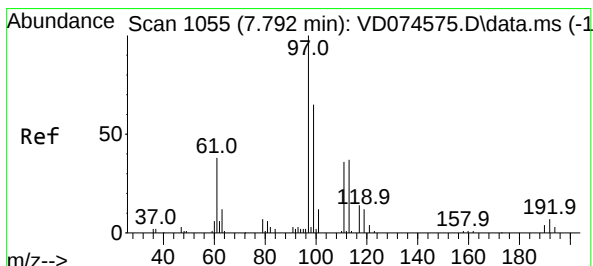
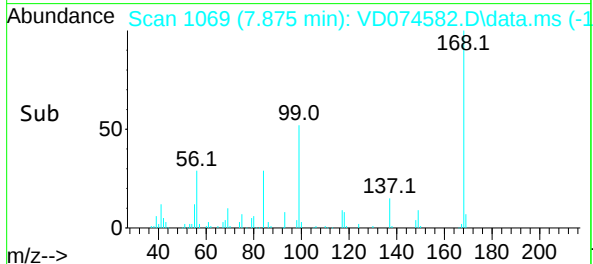
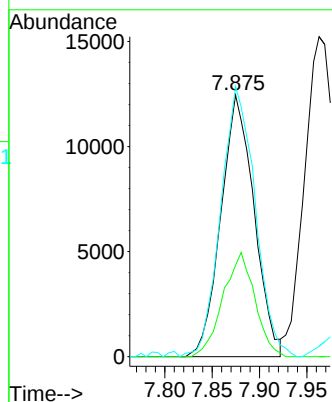
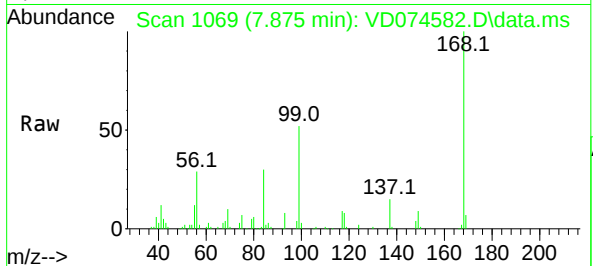




#31
Cyclohexane
Concen: 20.505 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

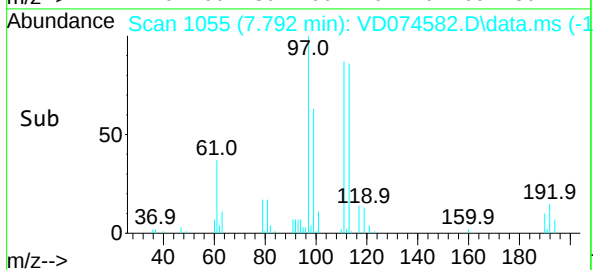
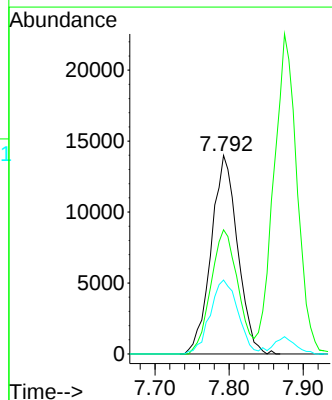
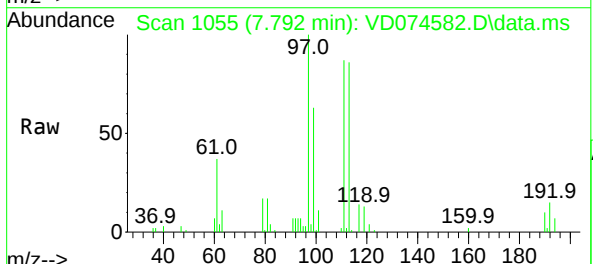
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

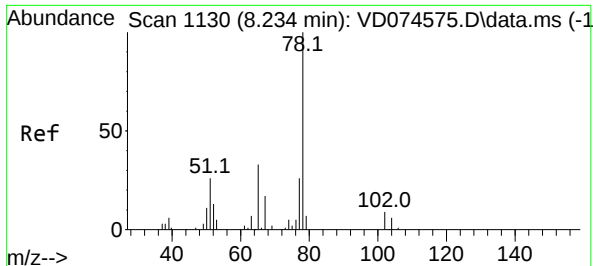
Tgt Ion: 56 Resp: 30317
Ion Ratio Lower Upper
56 100
69 35.0 29.2 43.8
84 103.3 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 20.274 ug/l
RT: 7.792 min Scan# 1055
Delta R.T. -0.001 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 97 Resp: 34654
Ion Ratio Lower Upper
97 100
99 63.9 53.3 79.9
61 39.1 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 47.547 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

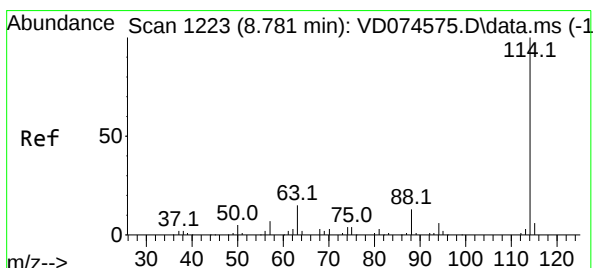
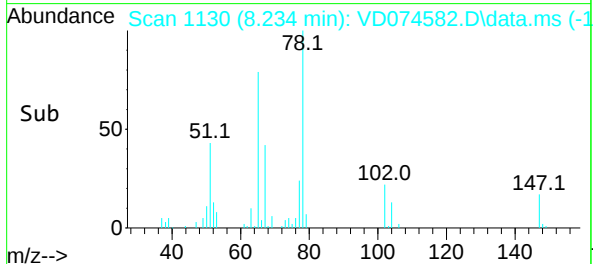
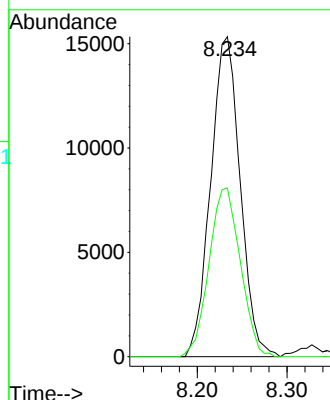
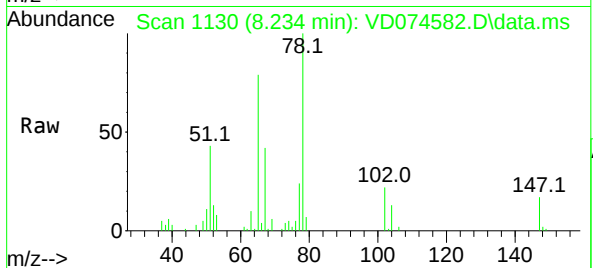
VD1019SBS01

Tgt Ion: 65 Resp: 34996

Ion Ratio Lower Upper

65 100

67 56.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

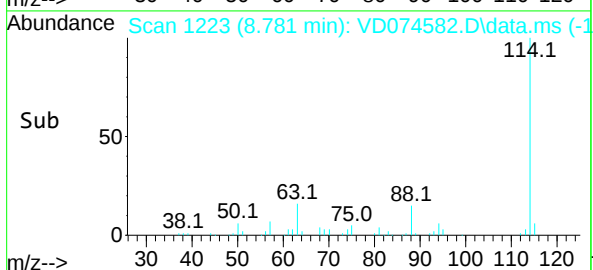
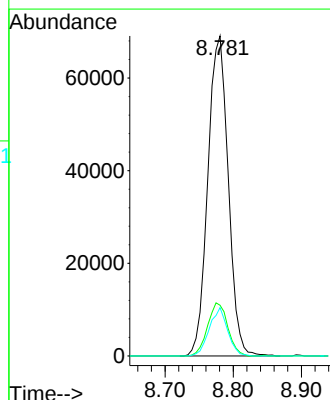
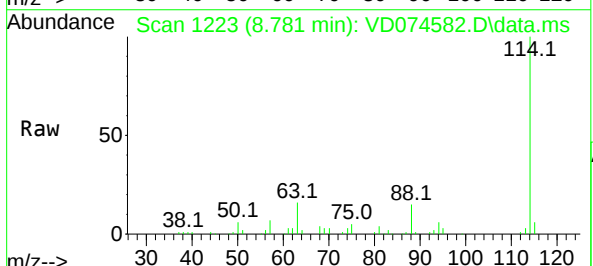
Tgt Ion: 114 Resp: 143958

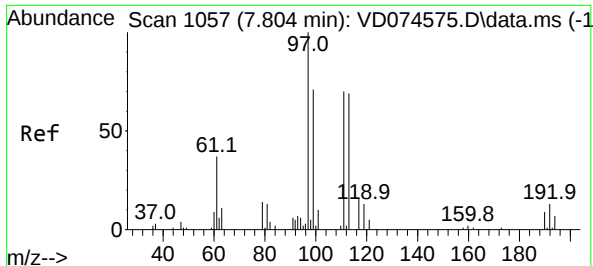
Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.2

88 15.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 53.284 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

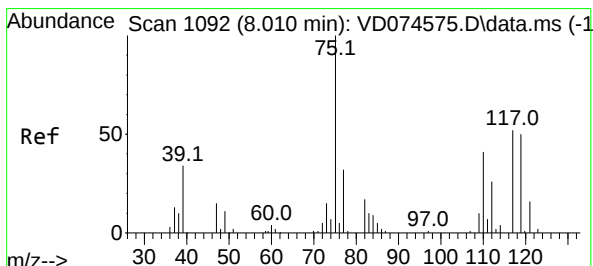
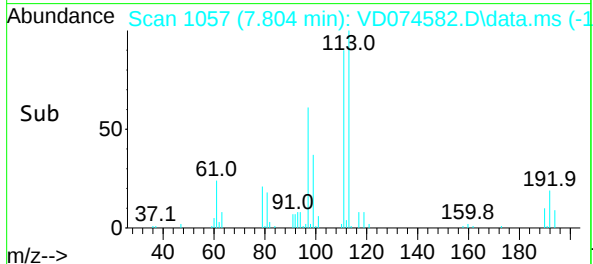
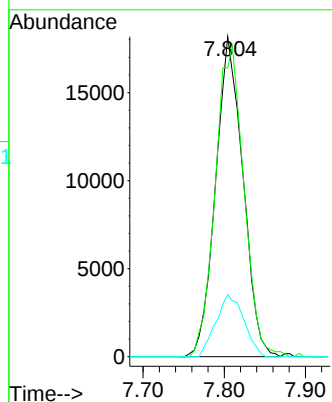
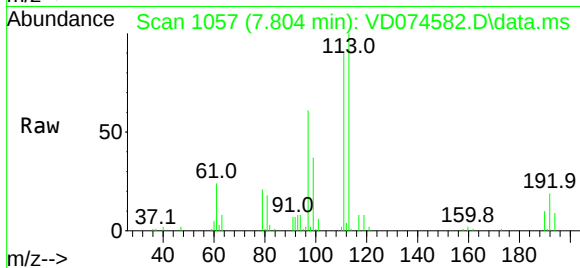
Tgt Ion:113 Resp: 42441

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

192 19.8 16.4 24.6



#36

1,1-Dichloropropene

Concen: 22.191 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

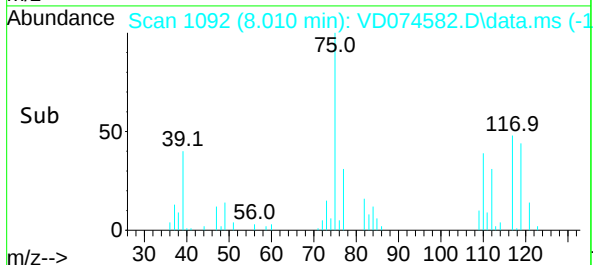
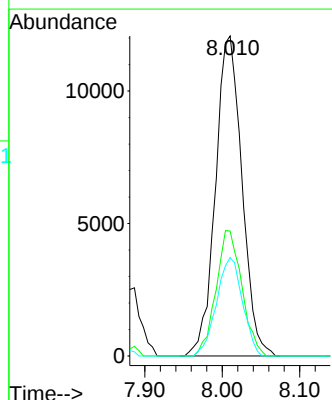
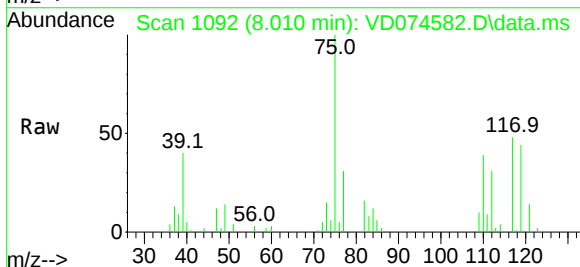
Tgt Ion: 75 Resp: 28698

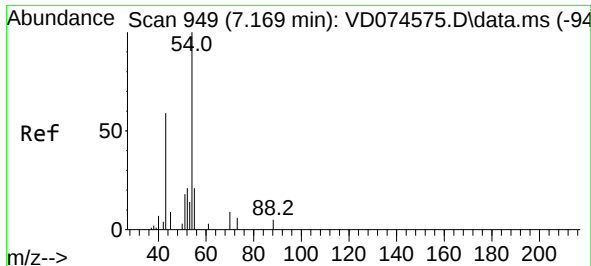
Ion Ratio Lower Upper

75 100

110 38.2 19.7 59.0

77 30.1 25.4 38.2





#37

Ethyl Acetate

Concen: 23.300 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

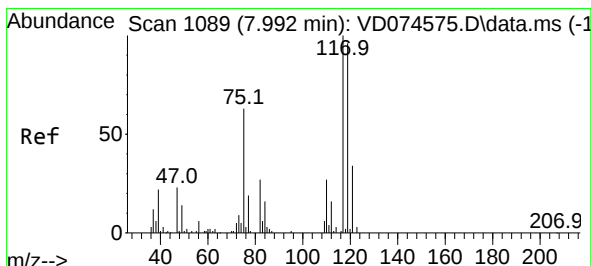
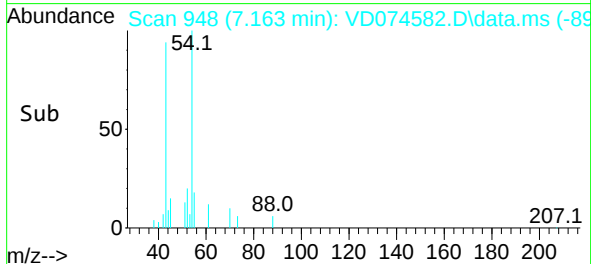
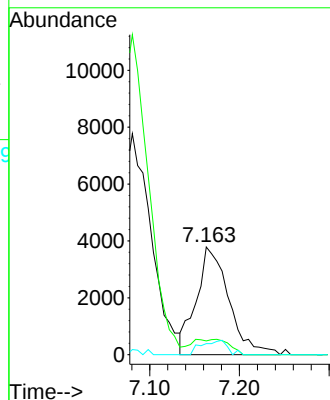
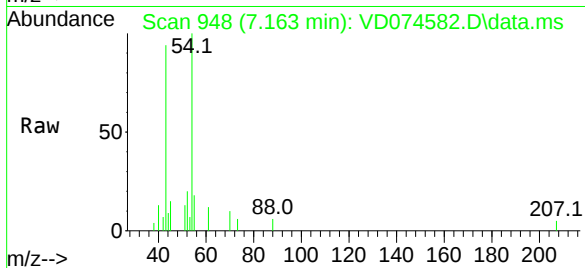
Tgt Ion: 43 Resp: 9507

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

70 10.6 9.6 14.4



#38

Carbon Tetrachloride

Concen: 21.812 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. 0.005 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

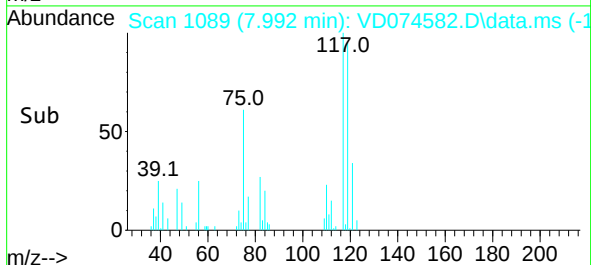
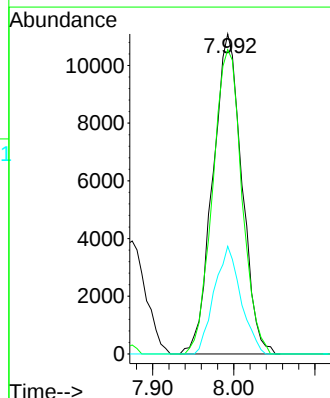
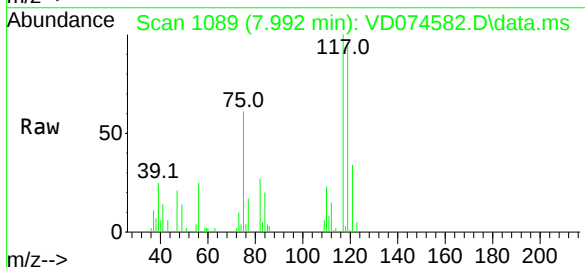
Tgt Ion: 117 Resp: 27622

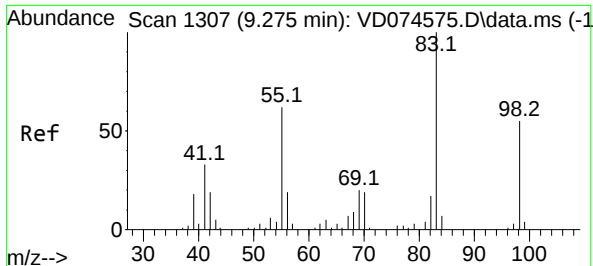
Ion Ratio Lower Upper

117 100

119 95.1 73.1 109.7

121 33.6 25.0 37.6





#39

Methylcyclohexane

Concen: 20.949 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

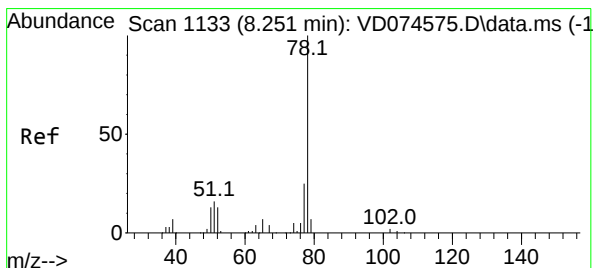
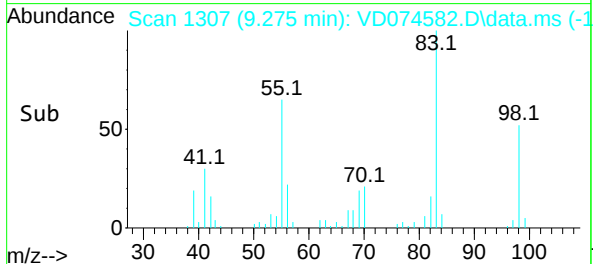
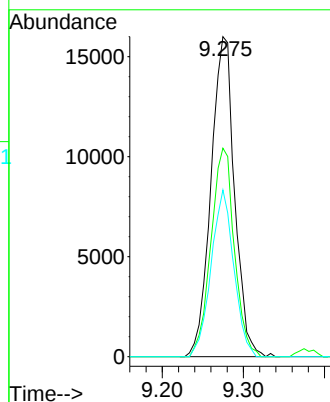
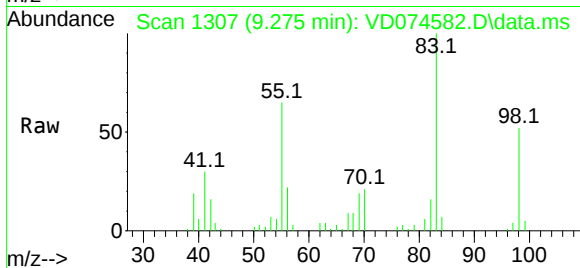
Tgt Ion: 83 Resp: 32371

Ion Ratio Lower Upper

83 100

55 65.2 49.0 73.4

98 52.1 41.7 62.5



#40

Benzene

Concen: 22.725 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD074582.D

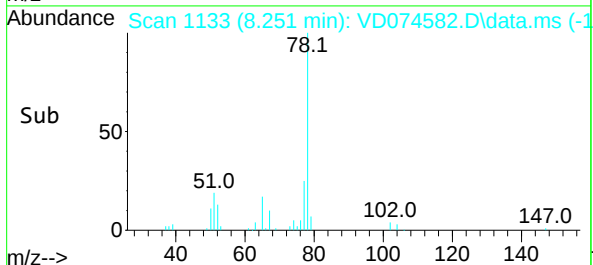
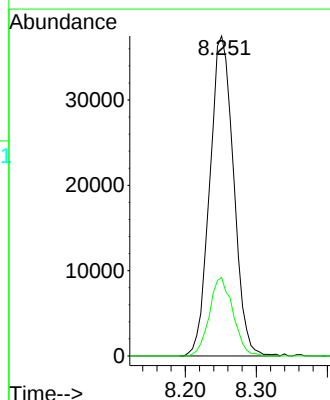
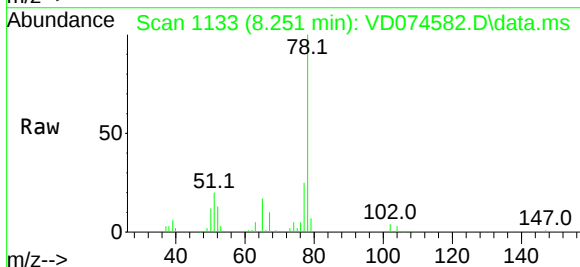
Acq: 19 Oct 2022 16:45

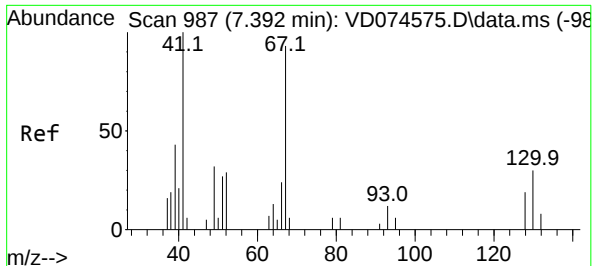
Tgt Ion: 78 Resp: 87221

Ion Ratio Lower Upper

78 100

77 24.5 20.1 30.1

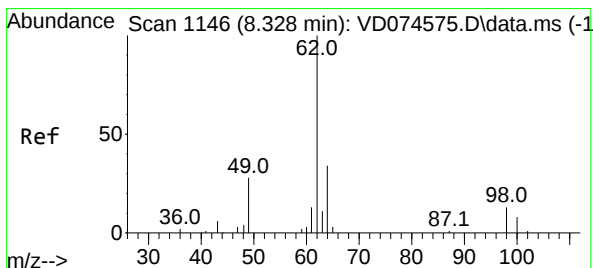
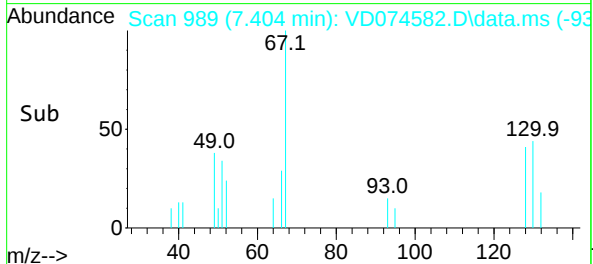
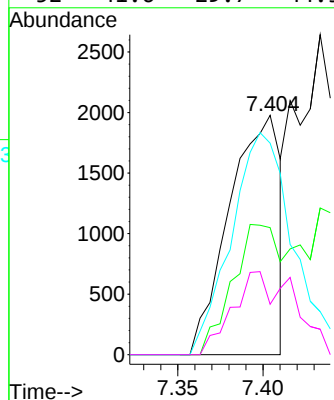
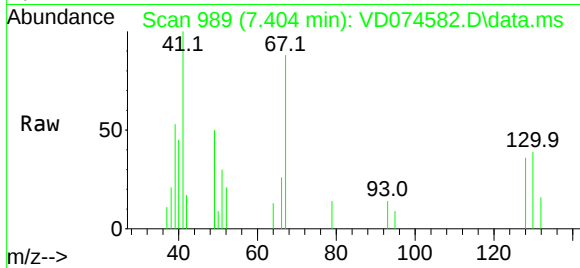




#41
Methacrylonitrile
Concen: 18.696 ug/l
RT: 7.404 min Scan# 987
Delta R.T. 0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

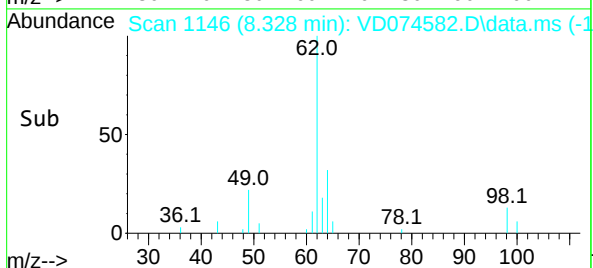
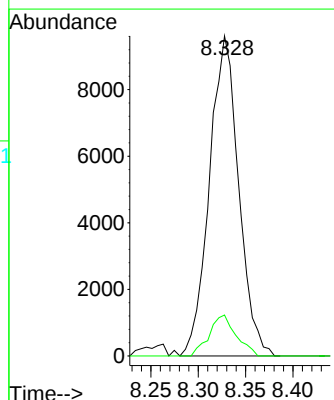
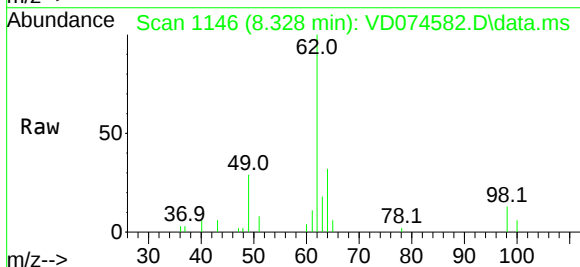
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

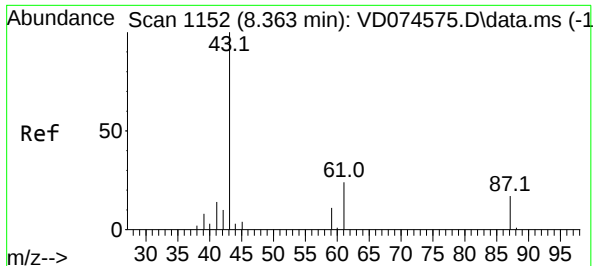
Tgt Ion: 41 Resp: 4110
Ion Ratio Lower Upper
41 100
39 56.6 35.0 52.6#
67 111.3 77.0 115.6
52 41.6 29.7 44.5



#42
1,2-Dichloroethane
Concen: 23.314 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 62 Resp: 20649
Ion Ratio Lower Upper
62 100
98 11.7 0.0 24.2

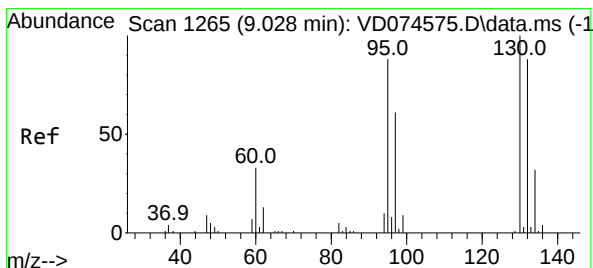
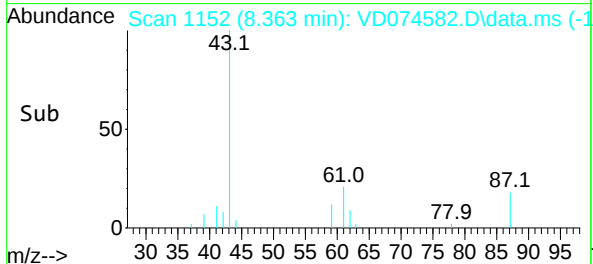
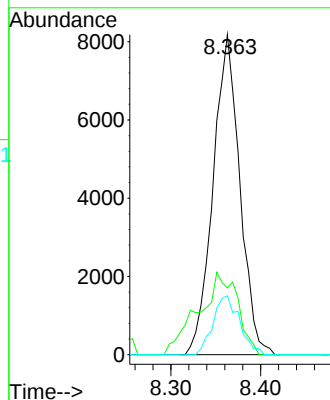
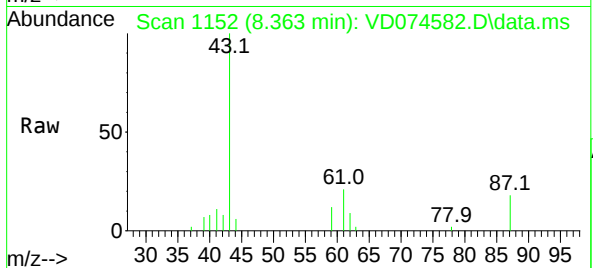




#43
Isopropyl Acetate
Concen: 22.351 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

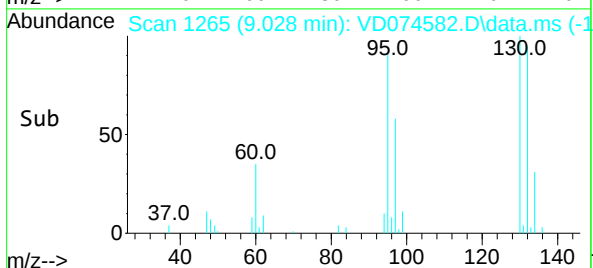
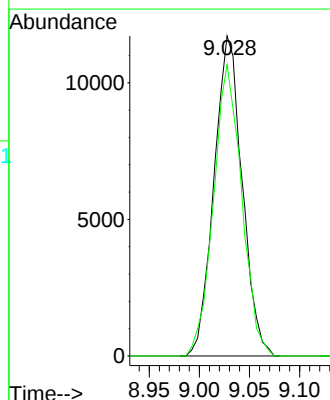
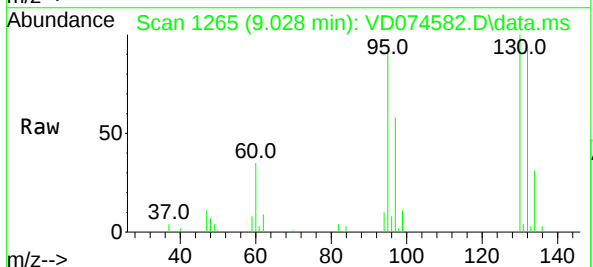
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

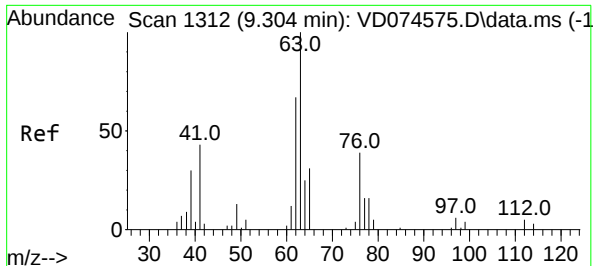
Tgt Ion: 43	Resp: 16949
Ion Ratio	Lower Upper
43	100
61	37.7 30.9 46.3
87	18.2 14.3 21.5



#44
Trichloroethene
Concen: 20.318 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 130	Resp: 22845
Ion Ratio	Lower Upper
130	100
95	91.1 0.0 185.4





#45

1,2-Dichloropropane

Concen: 20.607 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

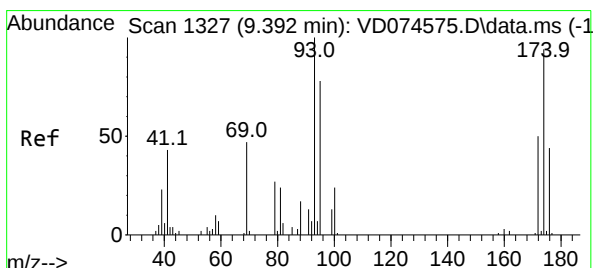
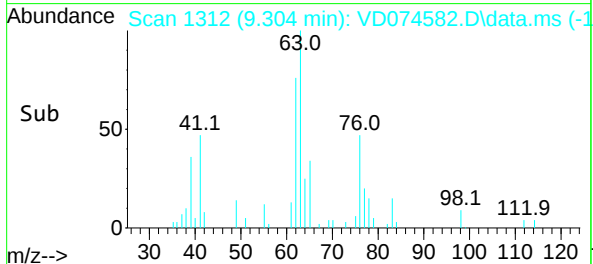
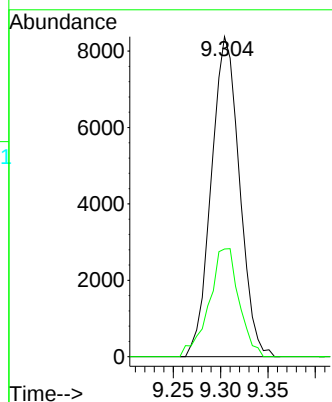
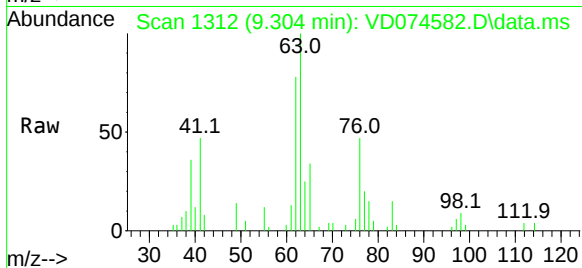
VD1019SBS01

Tgt Ion: 63 Resp: 17357

Ion Ratio Lower Upper

63 100

65 33.7 23.1 34.7



#46

Dibromomethane

Concen: 20.805 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.007 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

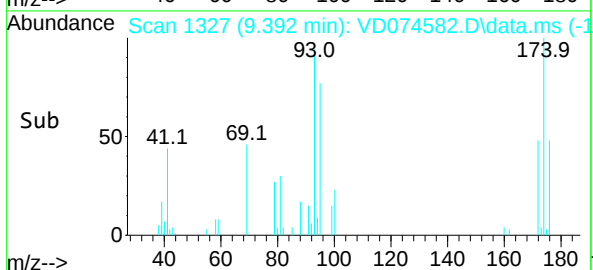
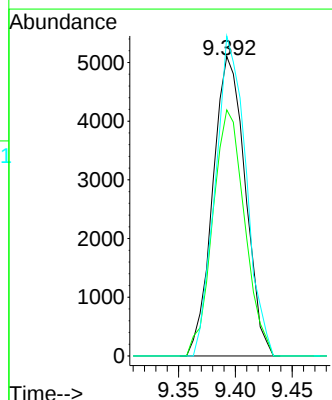
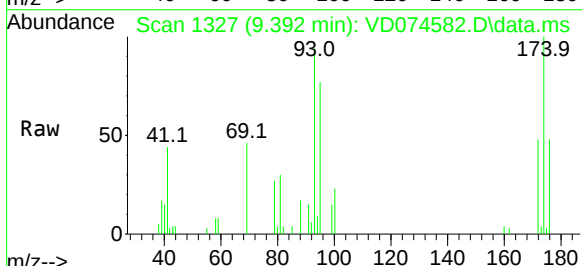
Tgt Ion: 93 Resp: 10112

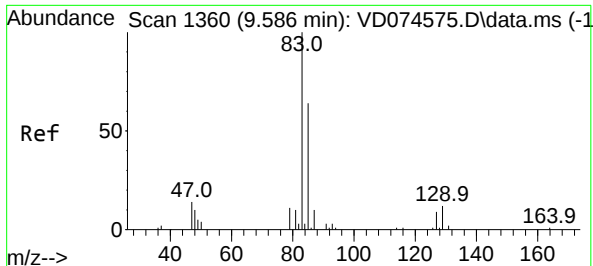
Ion Ratio Lower Upper

93 100

95 81.1 68.2 102.2

174 100.9 87.4 131.0





#47

Bromodichloromethane

Concen: 21.146 ug/l

RT: 9.586 min Scan# 1360

Delta R.T. -0.001 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

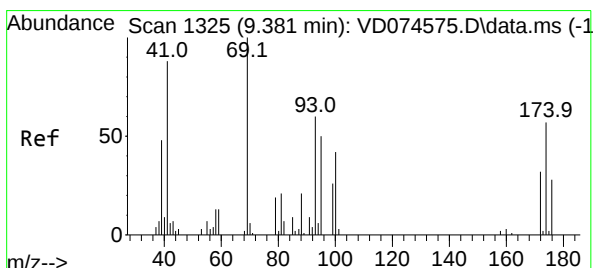
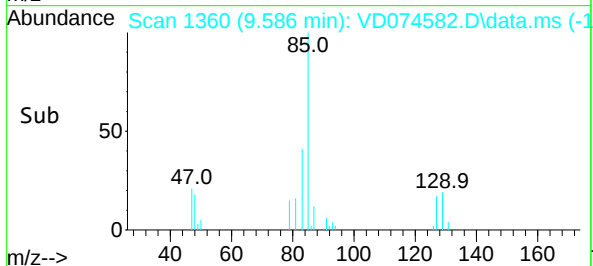
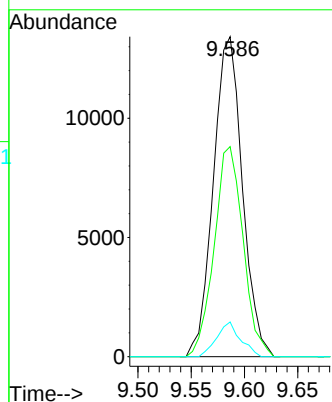
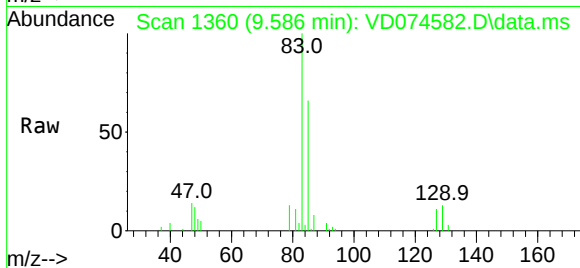
Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

Tgt Ion: 83	Resp: 25430
Ion Ratio	Lower Upper
83 100	
85 65.6	48.8 73.2
127 10.9	6.7 10.1



#48

Methyl methacrylate

Concen: 21.252 ug/l

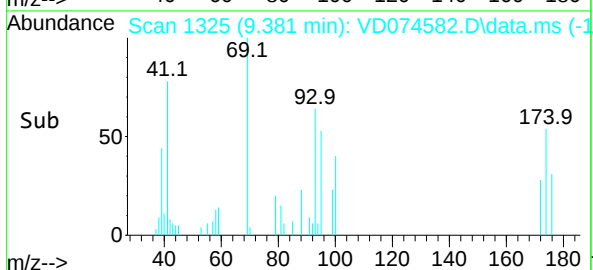
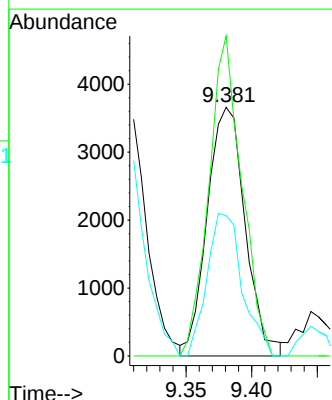
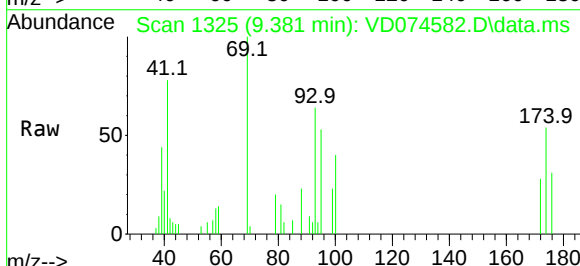
RT: 9.381 min Scan# 1325

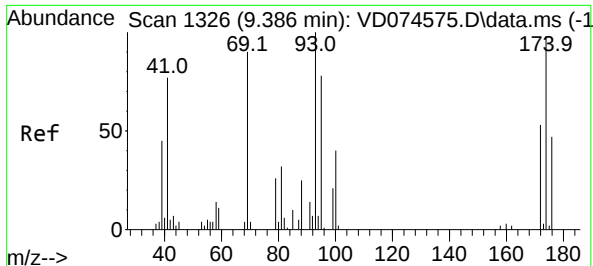
Delta R.T. -0.000 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Tgt Ion: 41	Resp: 7365
Ion Ratio	Lower Upper
41 100	
69 111.6	93.0 139.4
39 53.2	44.6 66.8





#49

1,4-Dioxane

Concen: 392.794 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

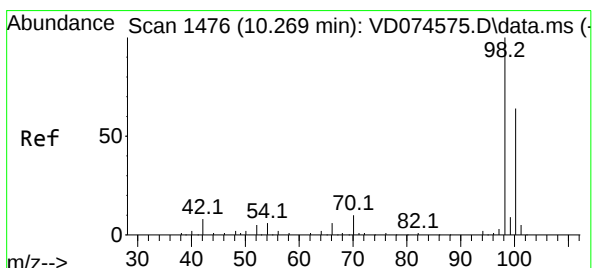
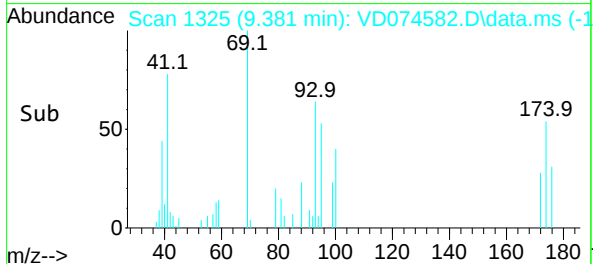
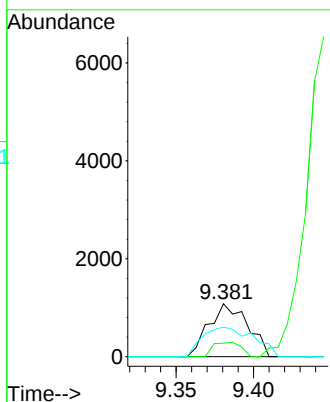
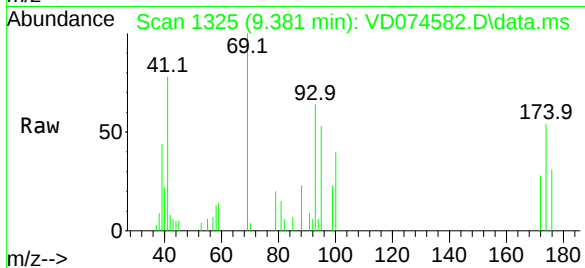
Tgt Ion: 88 Resp: 1879

Ion Ratio Lower Upper

88 100

43 19.5 24.1 36.1#

58 73.5 43.1 64.7#



#50

Toluene-d8

Concen: 50.493 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074582.D

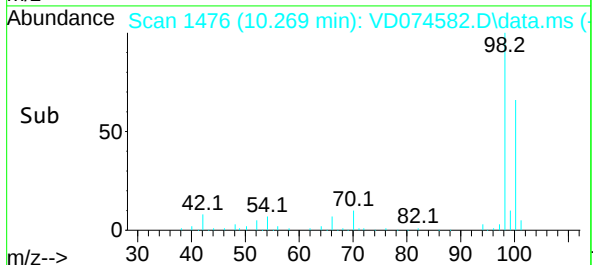
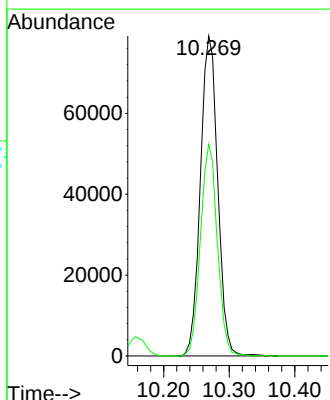
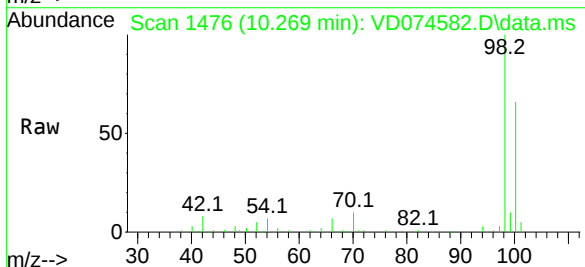
Acq: 19 Oct 2022 16:45

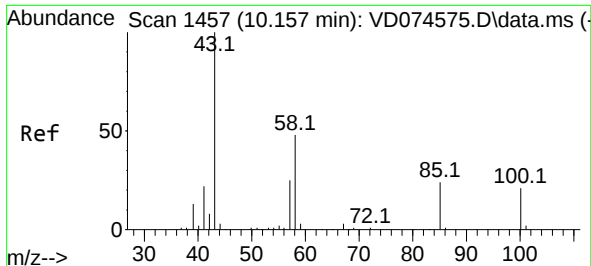
Tgt Ion: 98 Resp: 145488

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

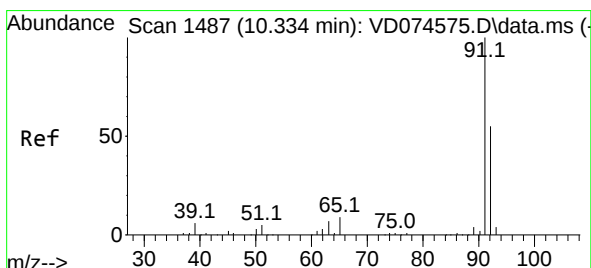
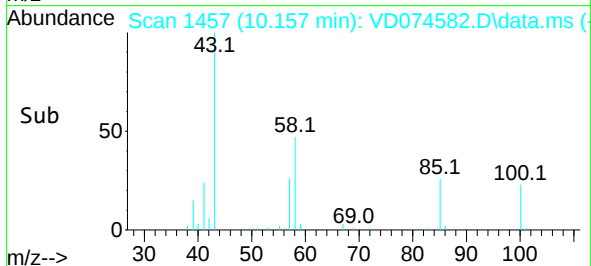
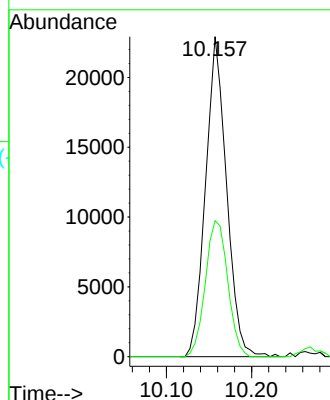
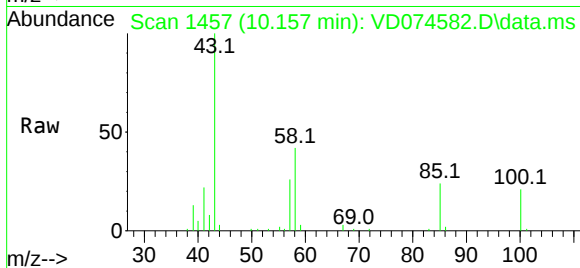




#51
4-Methyl-2-Pentanone
Concen: 103.946 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

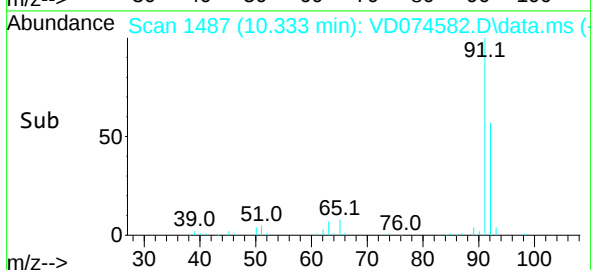
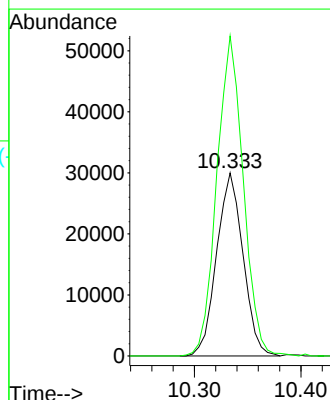
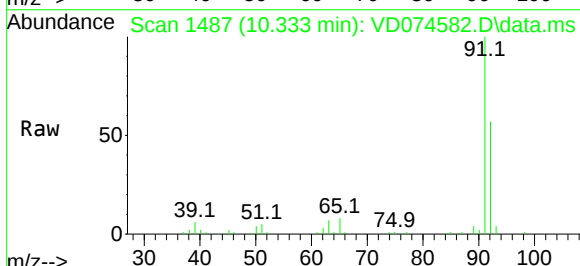
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

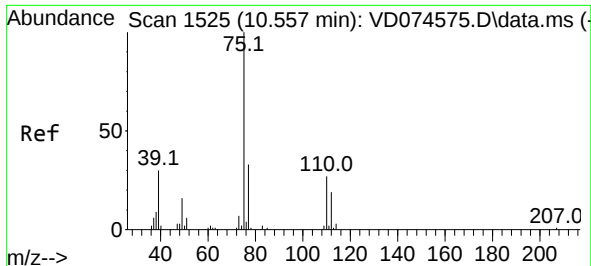
Tgt Ion: 43 Resp: 39206
Ion Ratio Lower Upper
43 100
58 45.3 37.8 56.6



#52
Toluene
Concen: 21.766 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 92 Resp: 51520
Ion Ratio Lower Upper
92 100
91 175.6 139.0 208.4

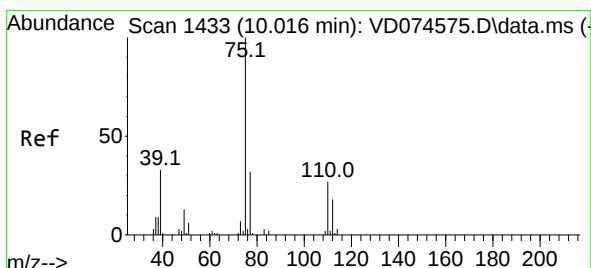
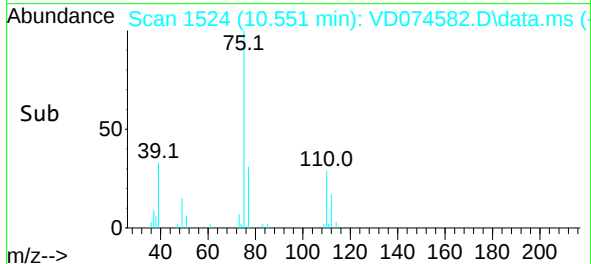
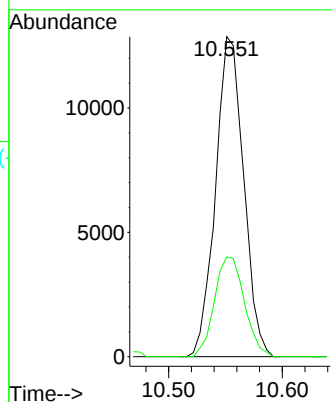
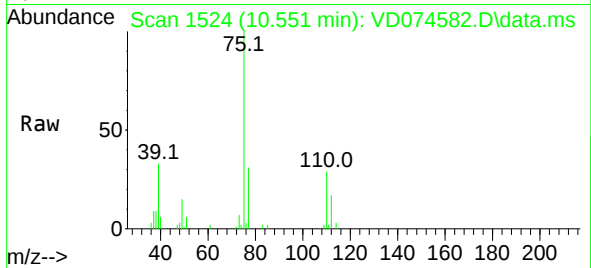




#53
t-1,3-Dichloropropene
Concen: 20.904 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

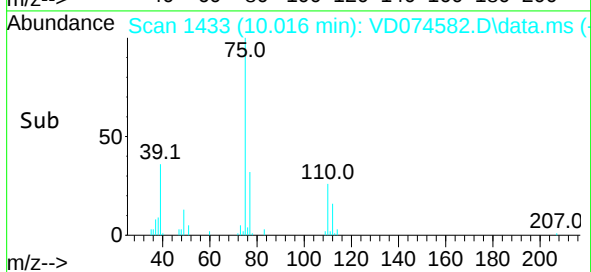
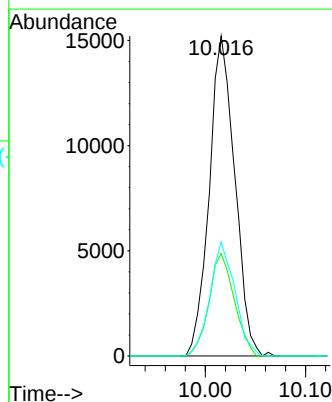
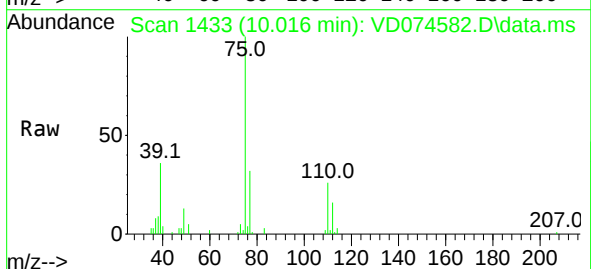
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

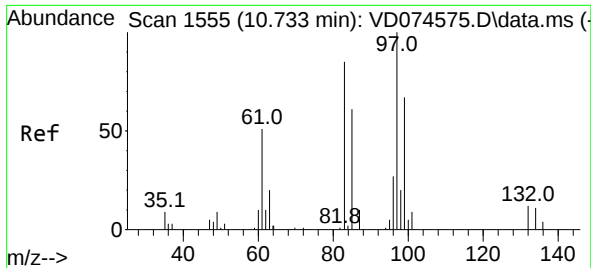
Tgt Ion: 75 Resp: 22102
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 20.209 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 75 Resp: 26941
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1
39 35.6 25.4 38.2

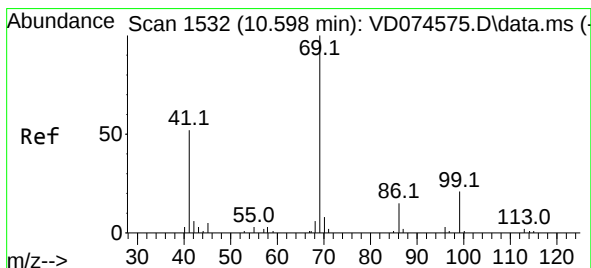
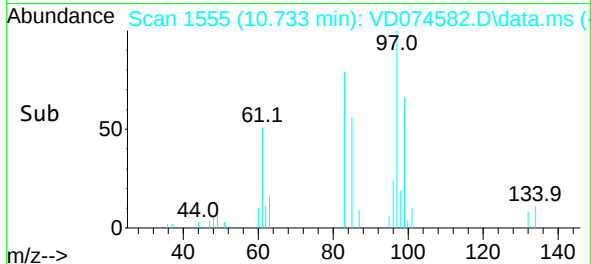
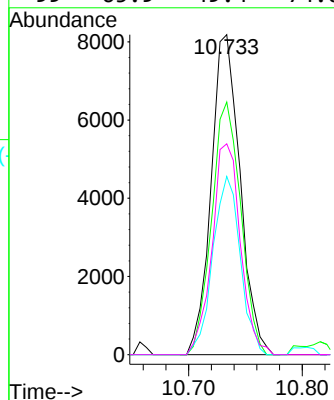
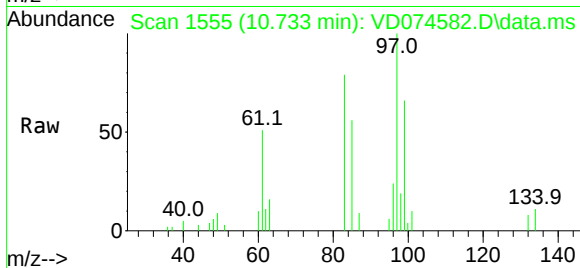




#55
1,1,2-Trichloroethane
Concen: 21.698 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

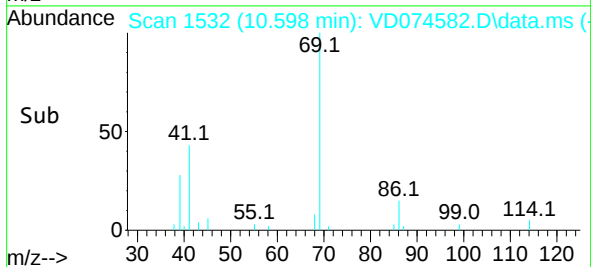
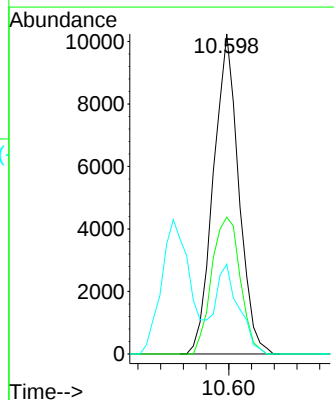
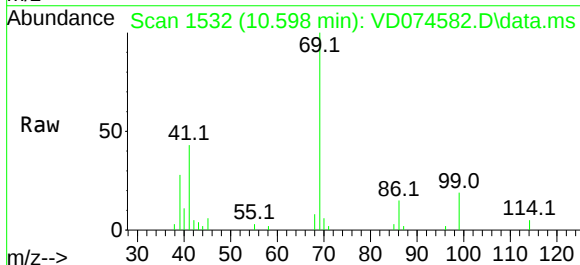
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

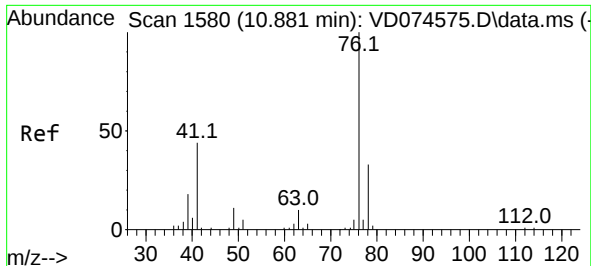
Tgt Ion: 97	Resp: 14490
Ion Ratio	Lower Upper
97 100	
83 78.9	64.8 97.2
85 55.7	44.8 67.2
99 65.9	49.4 74.0



#56
Ethyl methacrylate
Concen: 21.692 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 69	Resp: 15835
Ion Ratio	Lower Upper
69 100	
41 48.2	38.6 58.0
39 25.5	19.9 29.9





#57

1,3-Dichloropropane

Concen: 21.663 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

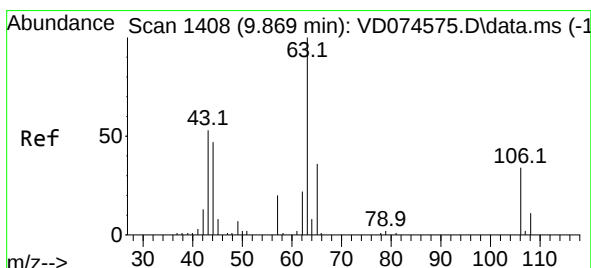
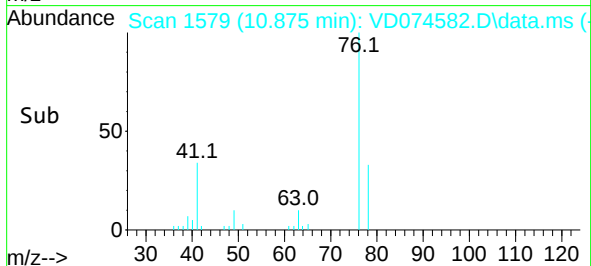
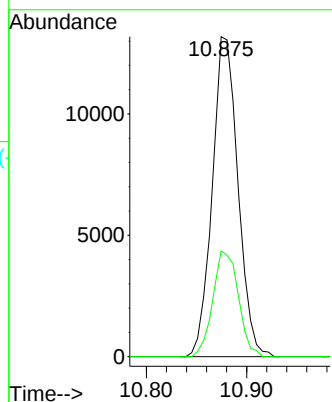
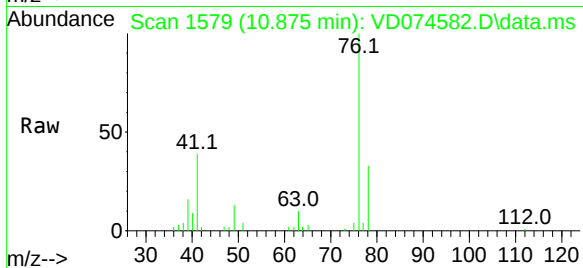
VD1019SBS01

Tgt Ion: 76 Resp: 23468

Ion Ratio Lower Upper

76 100

78 32.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 88.969 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD074582.D

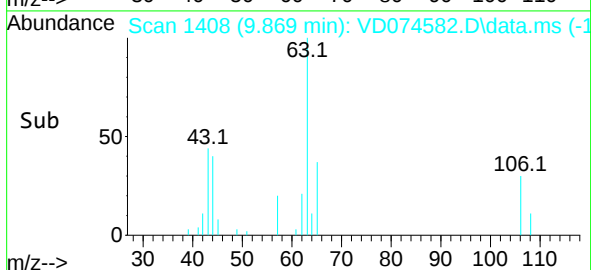
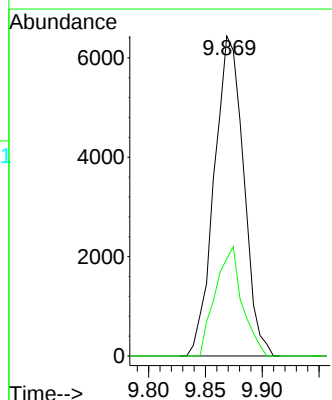
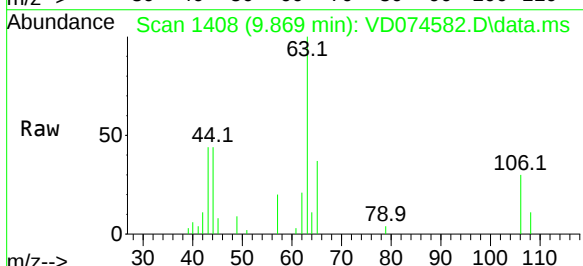
Acq: 19 Oct 2022 16:45

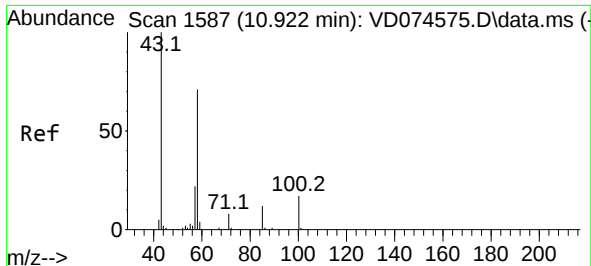
Tgt Ion: 63 Resp: 11586

Ion Ratio Lower Upper

63 100

106 31.1 26.5 39.7

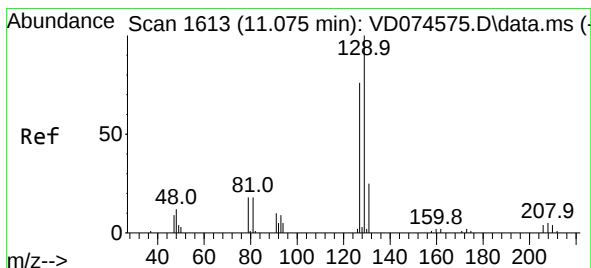
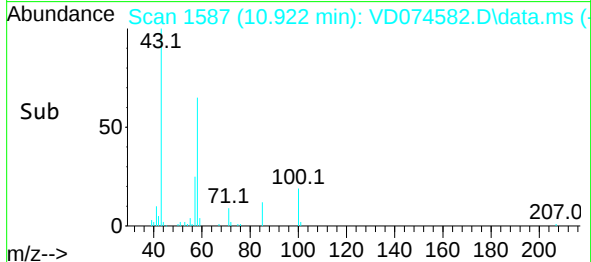
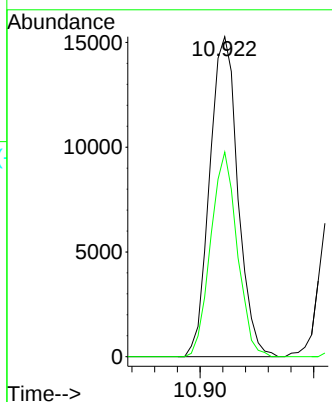
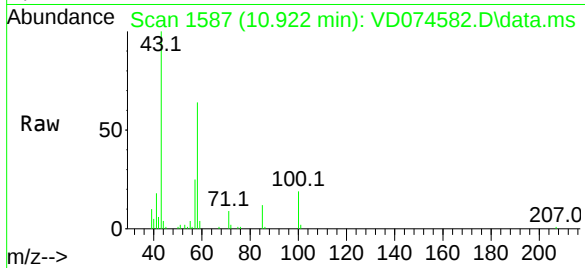




#59
2-Hexanone
Concen: 102.304 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

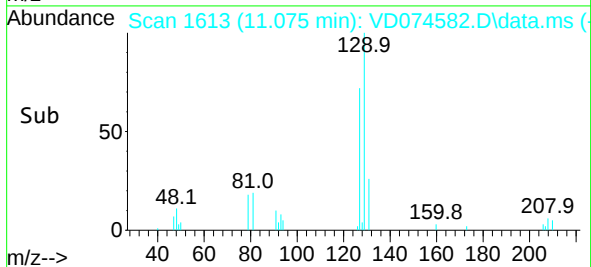
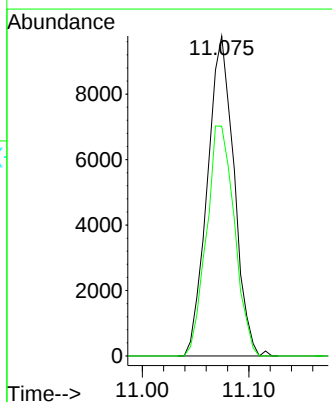
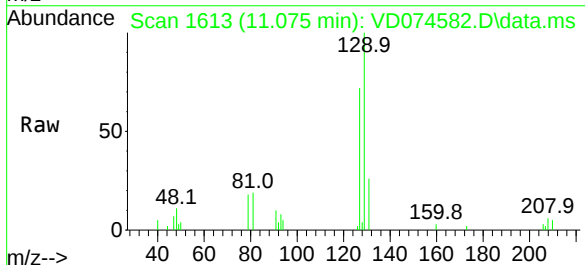
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

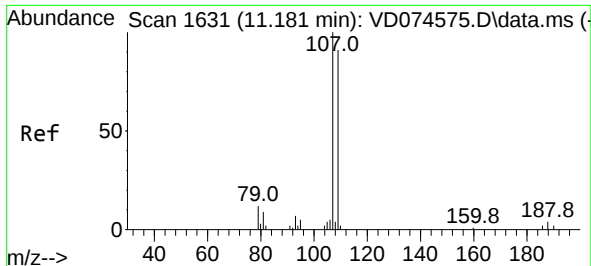
Tgt Ion: 43 Resp: 26337
Ion Ratio Lower Upper
43 100
58 60.1 32.0 96.2



#60
Dibromochloromethane
Concen: 21.060 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 129 Resp: 16952
Ion Ratio Lower Upper
129 100
127 75.3 39.1 117.2

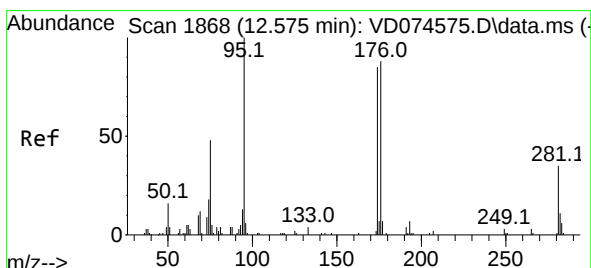
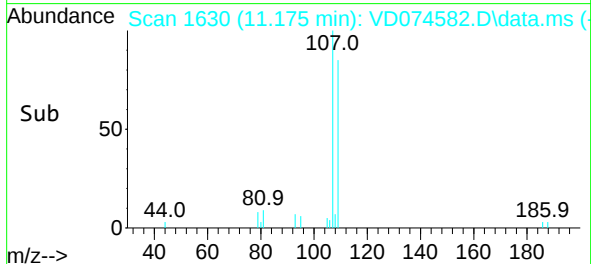
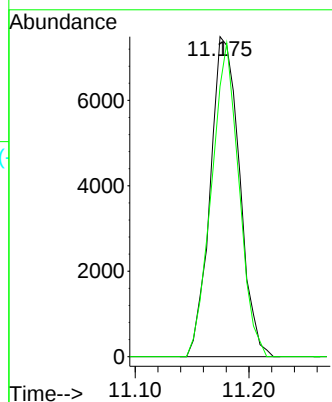
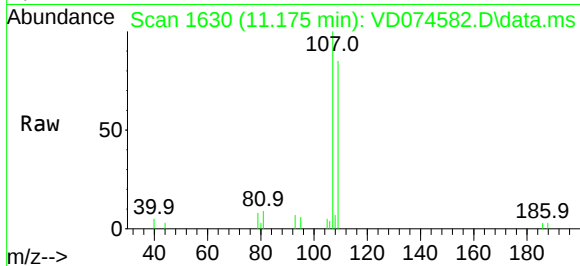




#61
1,2-Dibromoethane
Concen: 22.013 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

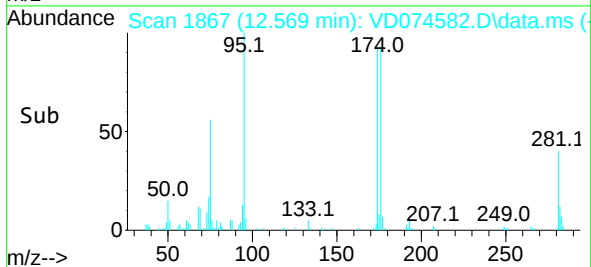
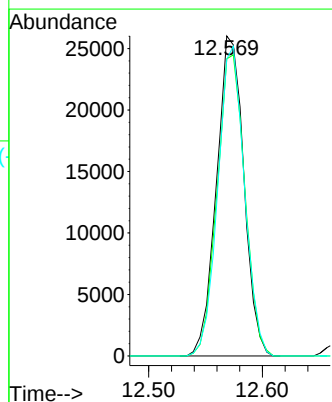
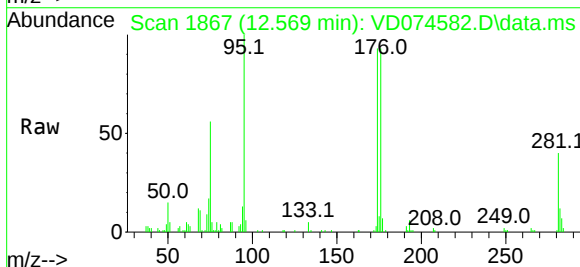
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

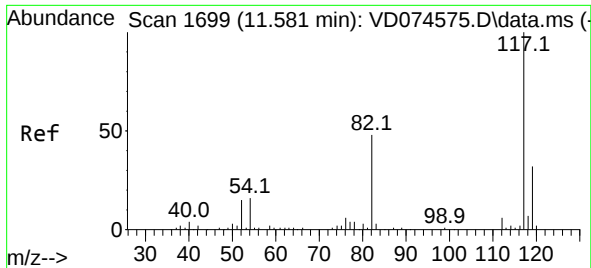
Tgt Ion:107 Resp: 13419
Ion Ratio Lower Upper
107 100
109 91.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 52.495 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 95 Resp: 43434
Ion Ratio Lower Upper
95 100
174 95.3 0.0 197.0
176 94.4 0.0 182.6

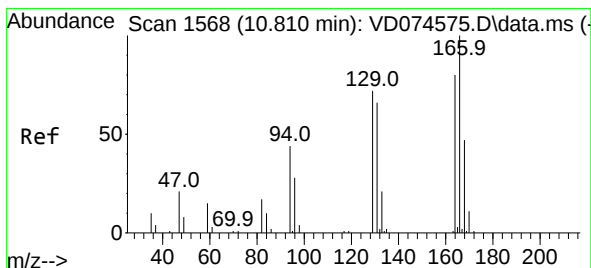
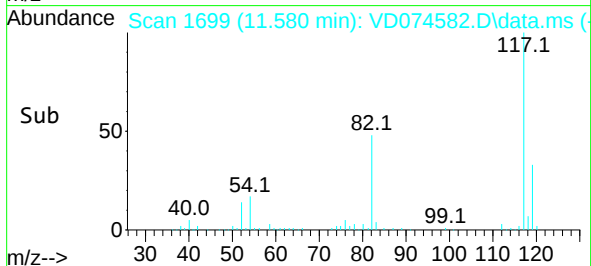
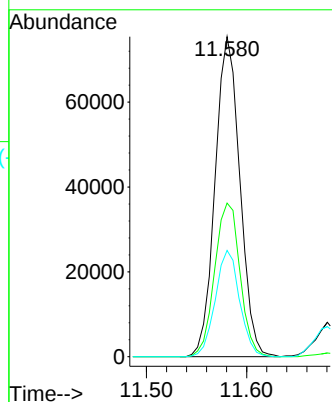
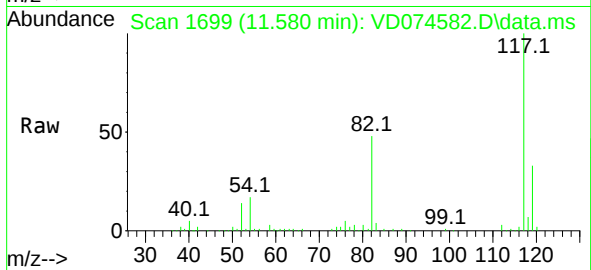




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

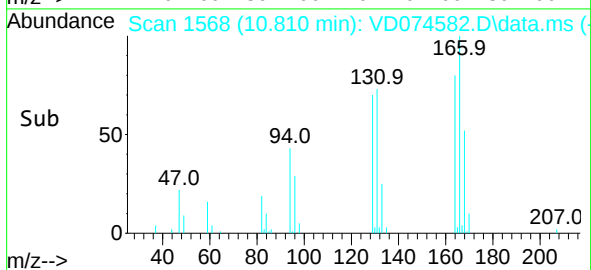
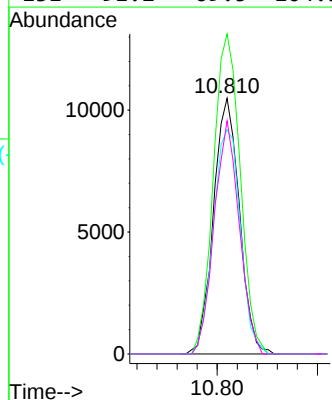
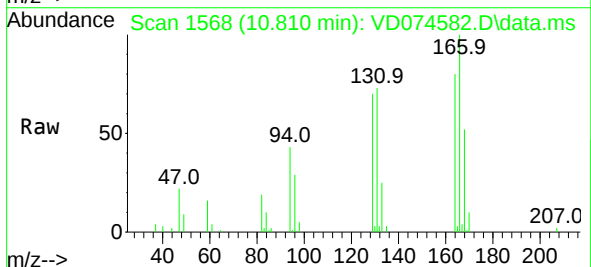
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

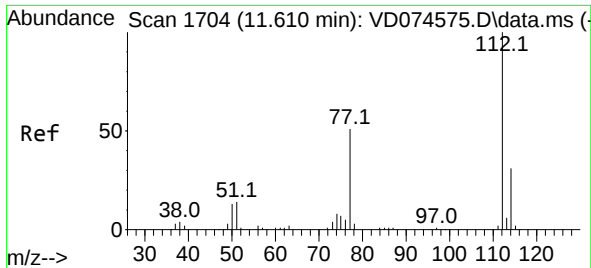
Tgt Ion:117 Resp: 129287
Ion Ratio Lower Upper
117 100
82 48.0 41.6 62.4
119 33.2 25.2 37.8



#64
Tetrachloroethene
Concen: 19.707 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion:164 Resp: 18833
Ion Ratio Lower Upper
164 100
166 125.2 107.8 161.8
129 87.8 77.4 116.2
131 91.2 69.5 104.3

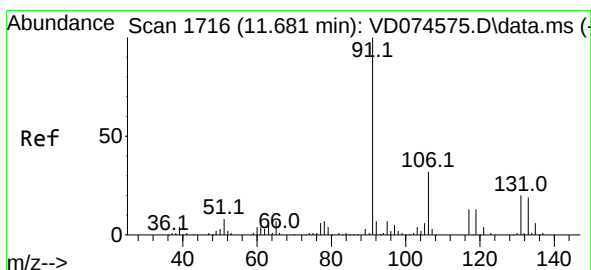
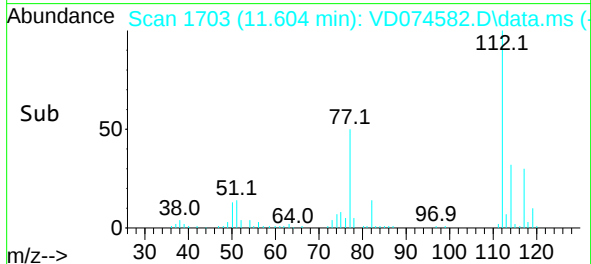
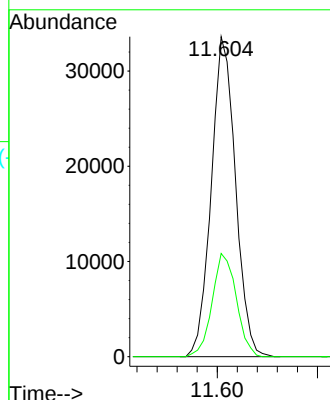
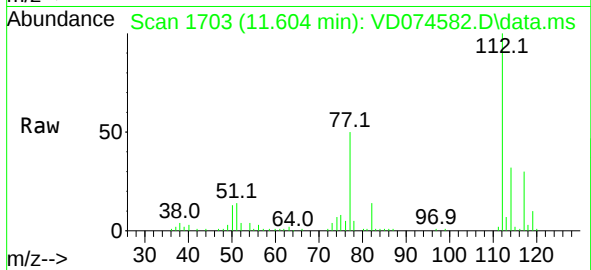




#65
Chlorobenzene
Concen: 20.691 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

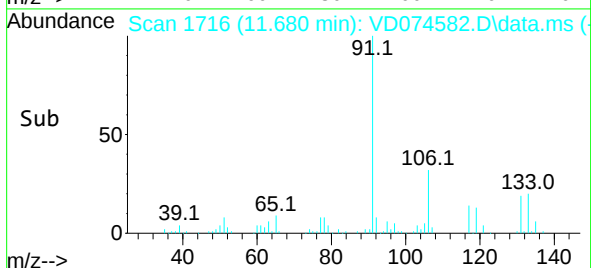
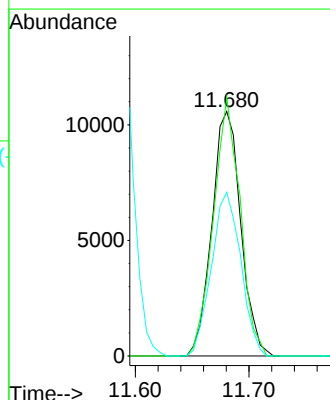
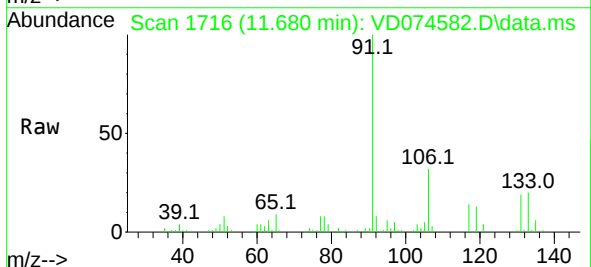
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

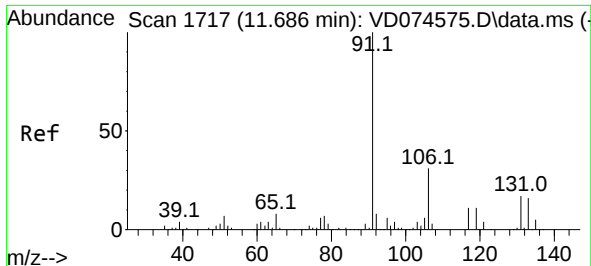
Tgt Ion:112 Resp: 56347
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.943 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion:131 Resp: 18659
Ion Ratio Lower Upper
131 100
133 98.2 46.6 139.8
119 68.2 32.5 97.4

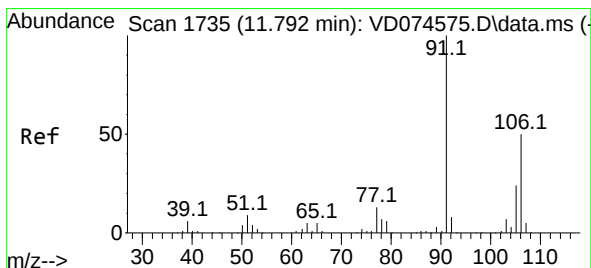
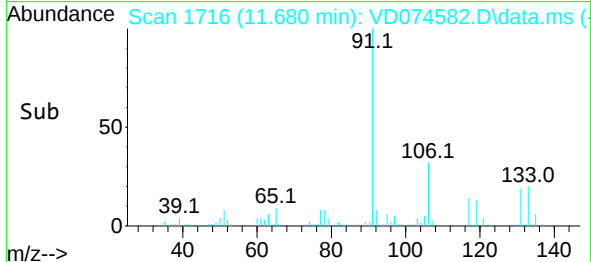
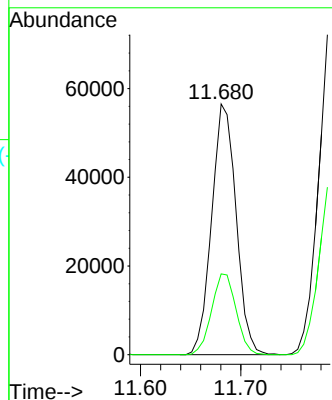
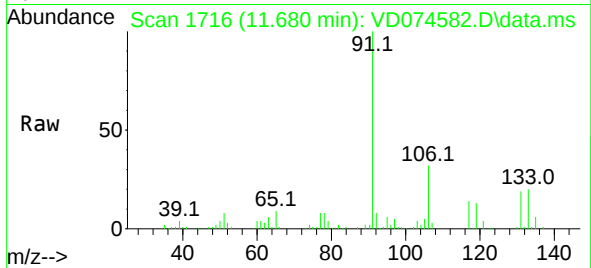




#67
Ethyl Benzene
Concen: 20.208 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

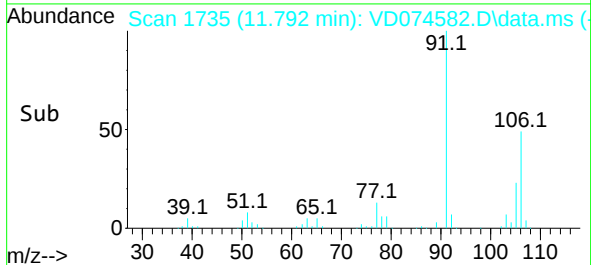
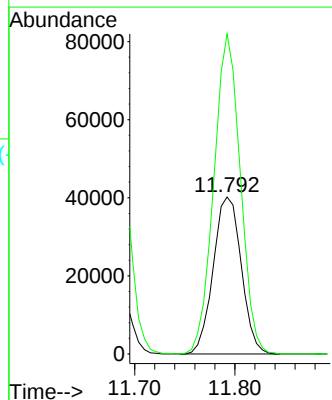
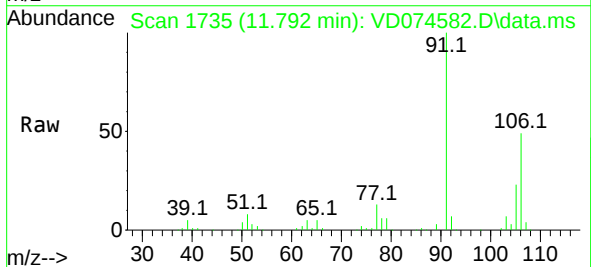
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

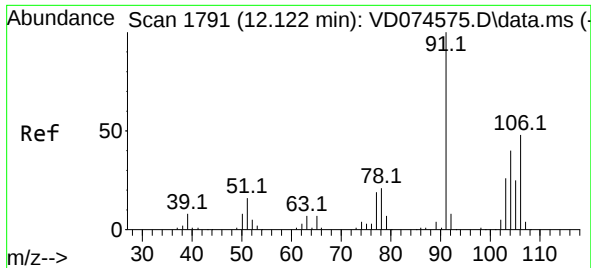
Tgt Ion: 91 Resp: 95827
Ion Ratio Lower Upper
91 100
106 32.2 26.6 40.0



#68
m/p-Xylenes
Concen: 41.395 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion:106 Resp: 78050
Ion Ratio Lower Upper
106 100
91 192.7 156.2 234.4

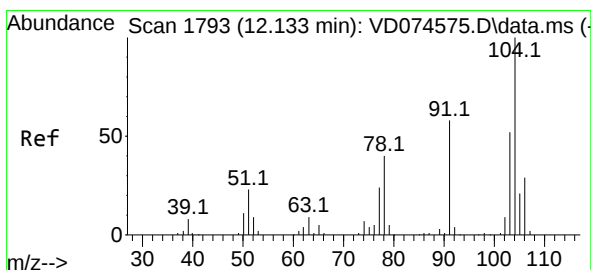
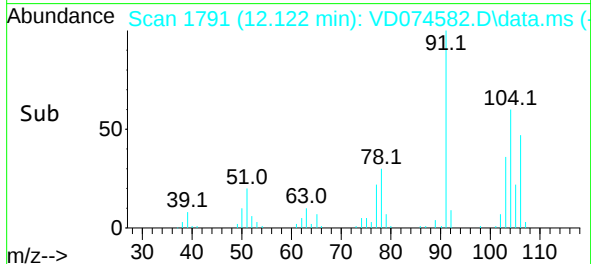
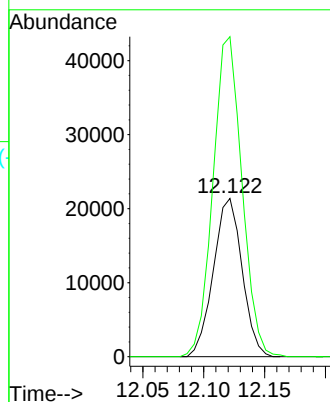
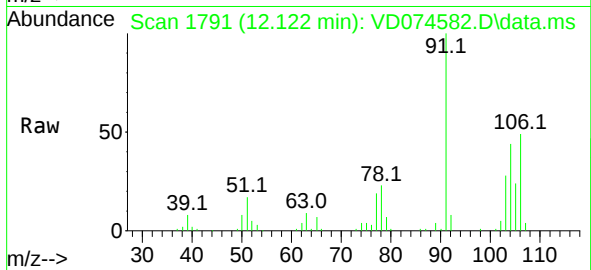




#69
o-Xylene
Concen: 20.010 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

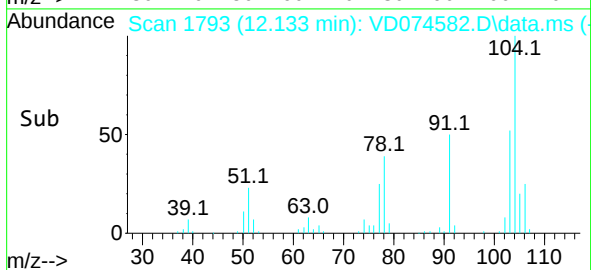
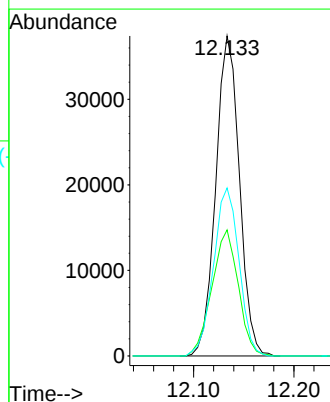
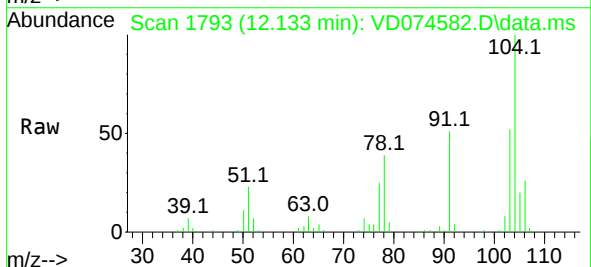
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

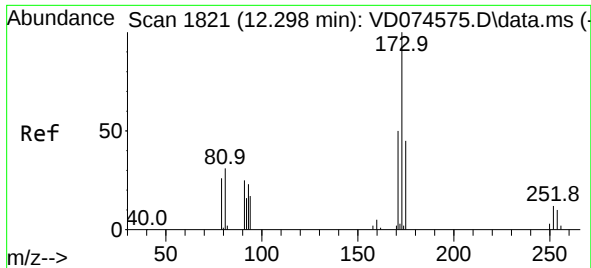
Tgt Ion:106 Resp: 35114
Ion Ratio Lower Upper
106 100
91 203.8 104.5 313.3



#70
Styrene
Concen: 20.707 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion:104 Resp: 61194
Ion Ratio Lower Upper
104 100
78 43.9 35.7 53.5
103 56.6 43.7 65.5

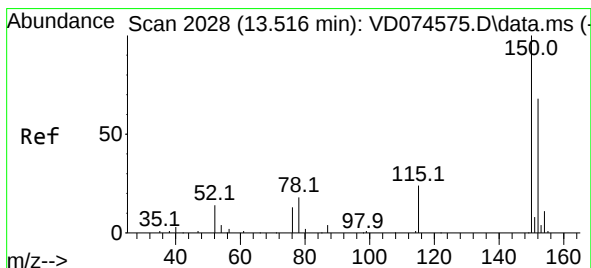
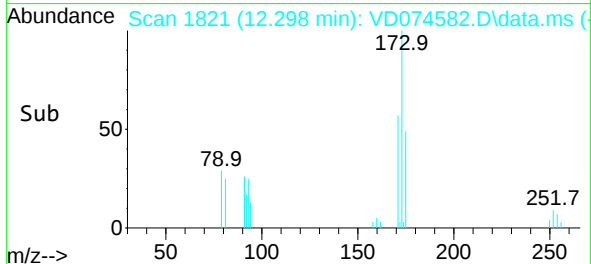
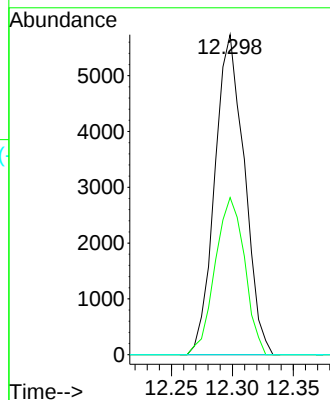
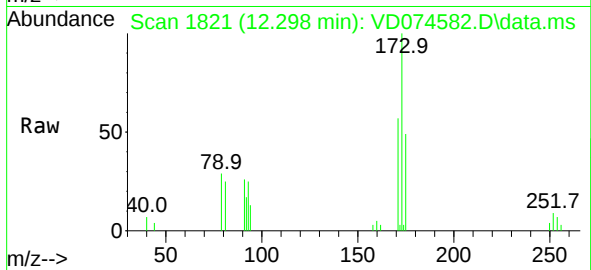




#71
Bromoform
Concen: 19.738 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

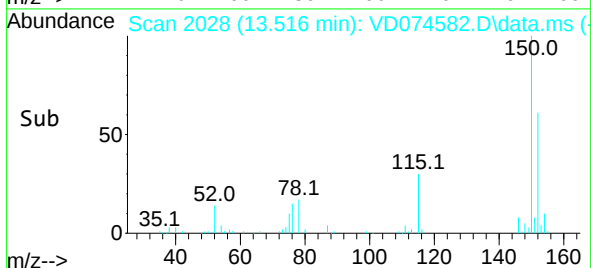
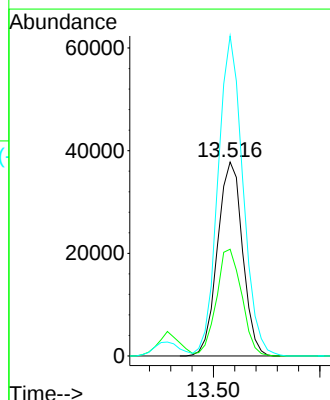
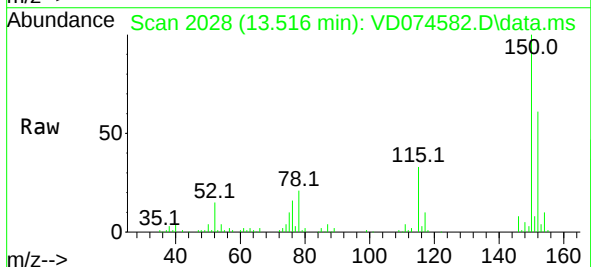
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

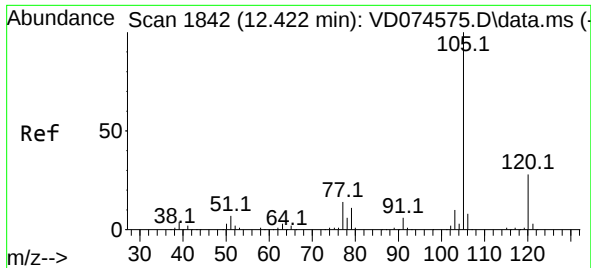
Tgt Ion:173 Resp: 9696
Ion Ratio Lower Upper
173 100
175 49.0 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion:152 Resp: 61710
Ion Ratio Lower Upper
152 100
115 55.5 26.8 80.4
150 164.6 0.0 348.2

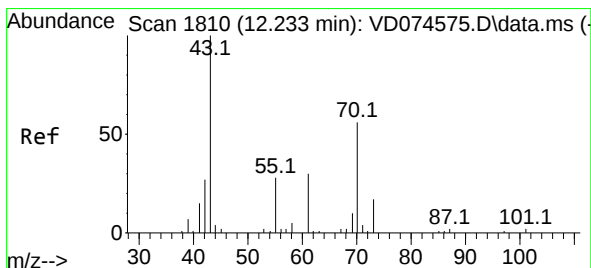
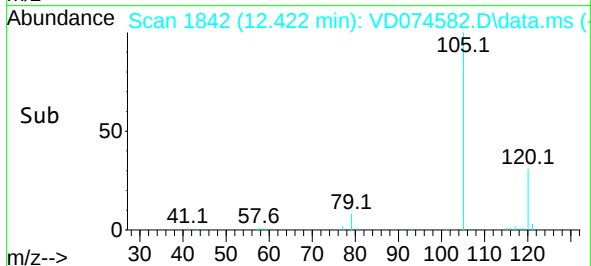
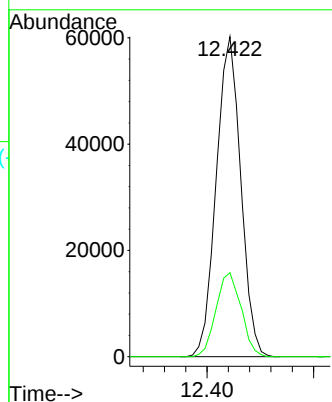
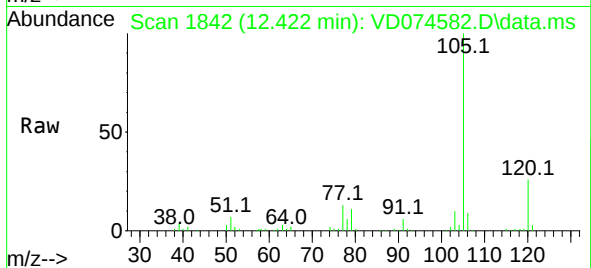




#73
Isopropylbenzene
Concen: 19.937 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

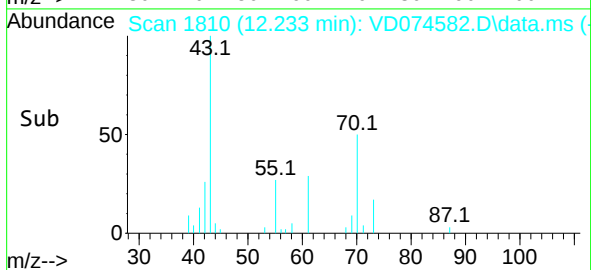
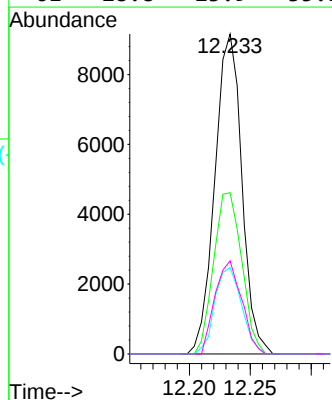
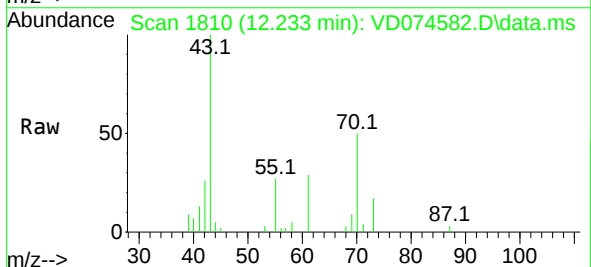
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

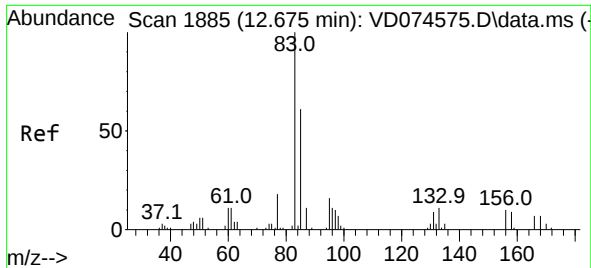
Tgt Ion:105 Resp: 95949
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 19.858 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. 0.005 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 43 Resp: 14126
Ion Ratio Lower Upper
43 100
70 52.4 43.8 65.6
55 26.9 22.0 33.0
61 28.8 23.9 35.9

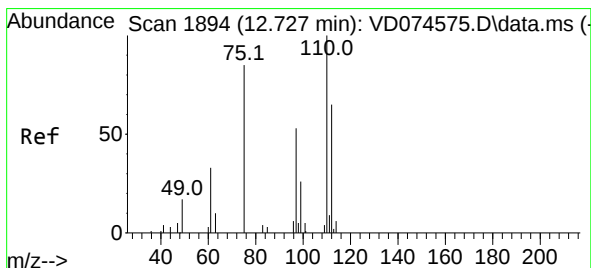
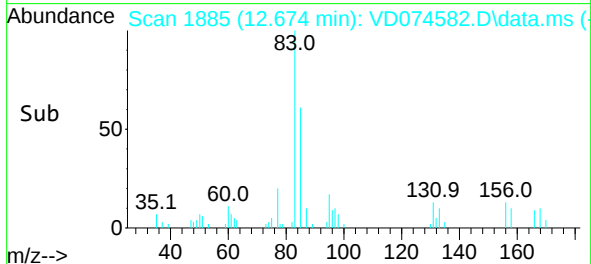
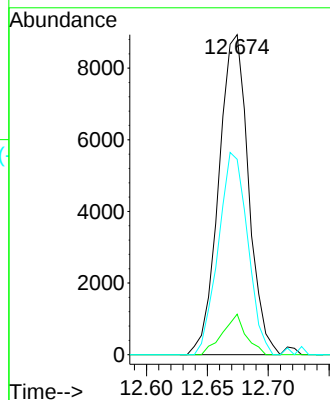
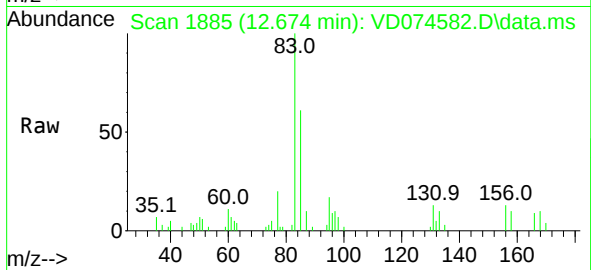




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.930 ug/l
 RT: 12.674 min Scan# 1885
 Delta R.T. 0.005 min
 Lab File: VD074582.D
 Acq: 19 Oct 2022 16:45

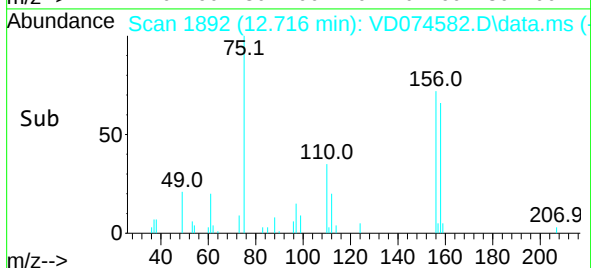
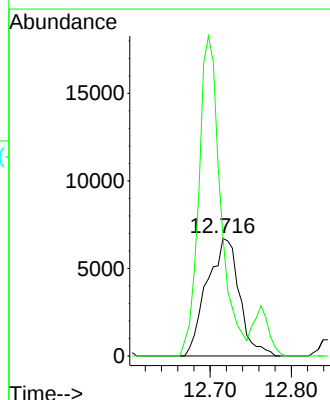
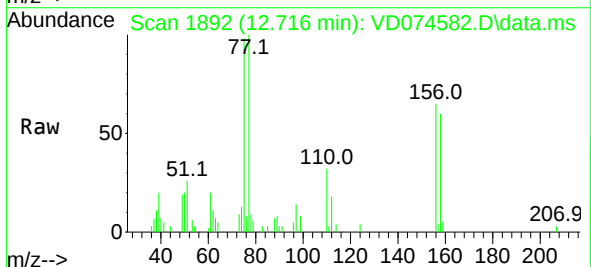
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

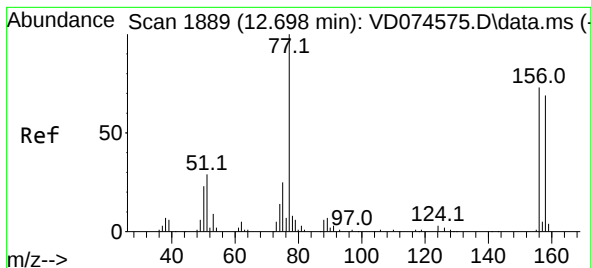
Tgt Ion: 83 Resp: 15184
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.7 14.1
 85 62.3 33.1 99.2



#76
 1,2,3-Trichloropropane
 Concen: 34.528 ug/l
 RT: 12.716 min Scan# 1892
 Delta R.T. -0.000 min
 Lab File: VD074582.D
 Acq: 19 Oct 2022 16:45

Tgt Ion: 75 Resp: 18605
 Ion Ratio Lower Upper
 75 100
 77 184.0 185.8 557.5#





#77

Bromobenzene

Concen: 20.820 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

VD1019SBS01

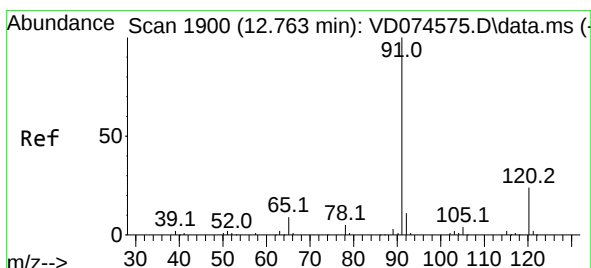
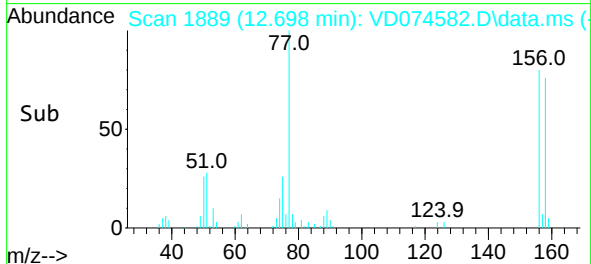
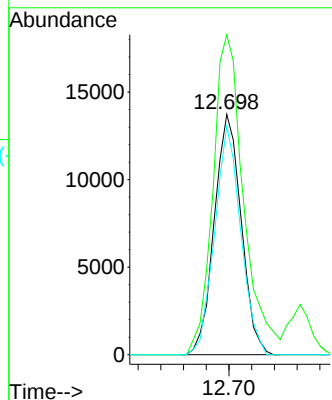
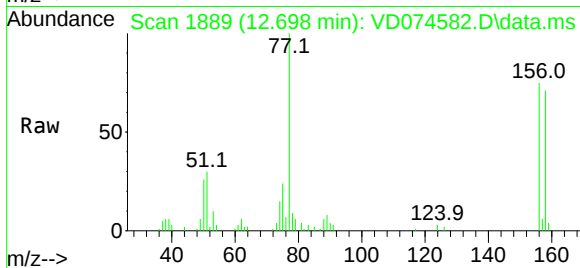
Tgt Ion:156 Resp: 22615

Ion Ratio Lower Upper

156 100

77 151.4 77.7 233.1

158 92.3 49.4 148.2



#78

n-propylbenzene

Concen: 20.218 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VD074582.D

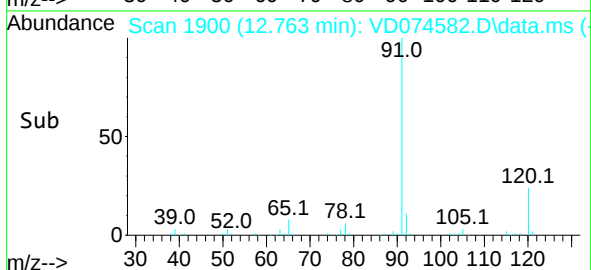
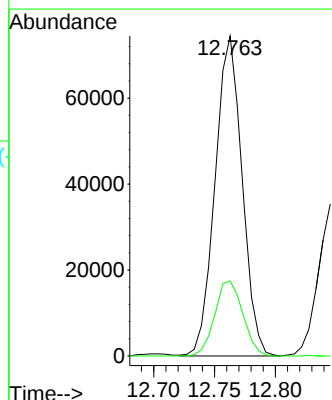
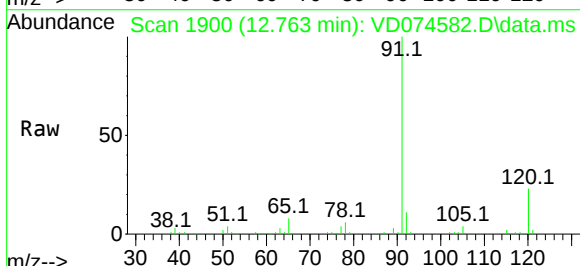
Acq: 19 Oct 2022 16:45

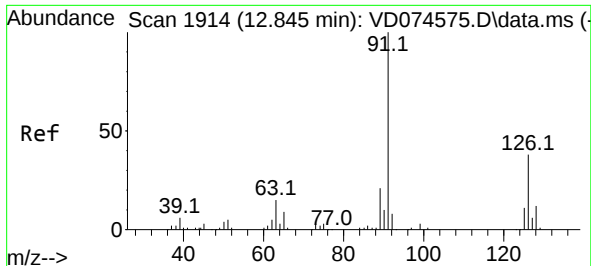
Tgt Ion: 91 Resp: 114995

Ion Ratio Lower Upper

91 100

120 24.3 11.9 35.7





#79

2-Chlorotoluene

Concen: 19.762 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

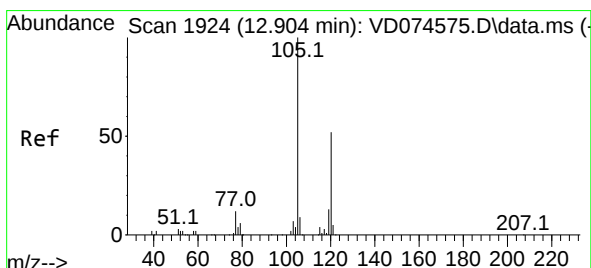
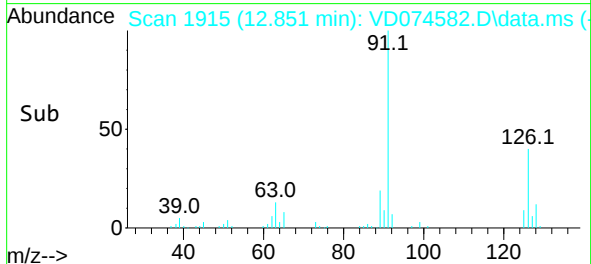
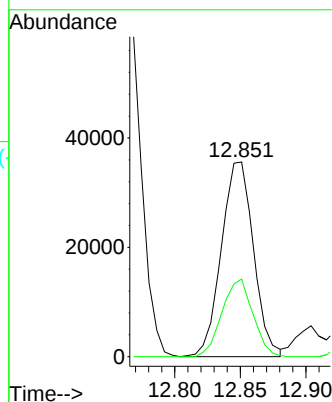
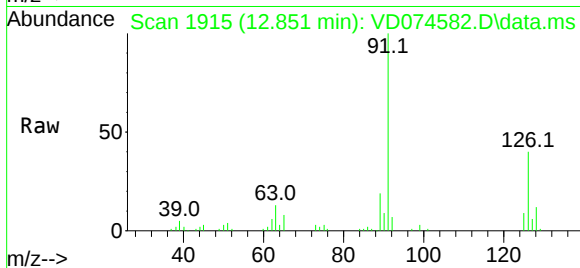
VD1019SBS01

Tgt Ion: 91 Resp: 60893

Ion Ratio Lower Upper

91 100

126 38.1 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 20.336 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VD074582.D

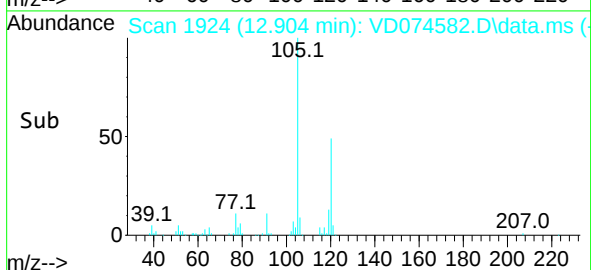
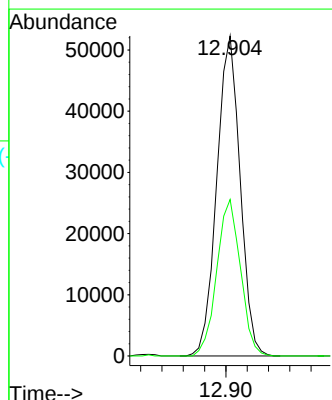
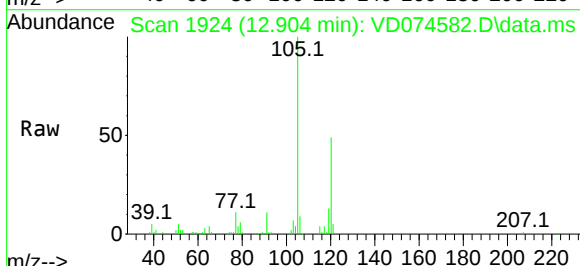
Acq: 19 Oct 2022 16:45

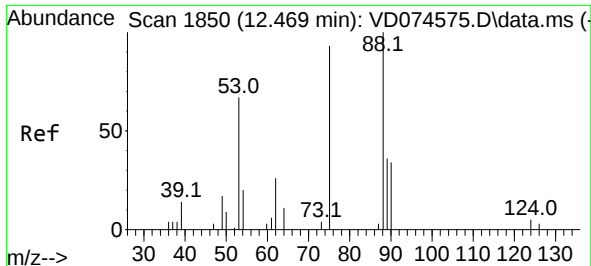
Tgt Ion:105 Resp: 79449

Ion Ratio Lower Upper

105 100

120 49.6 25.7 77.0

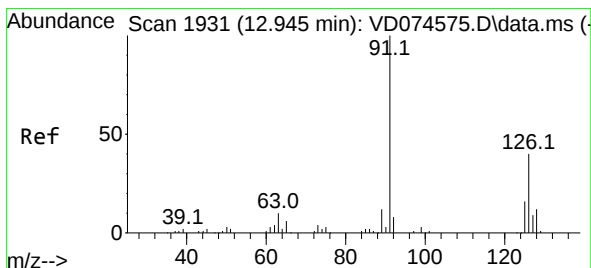
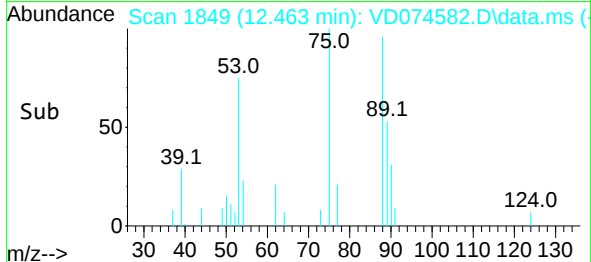
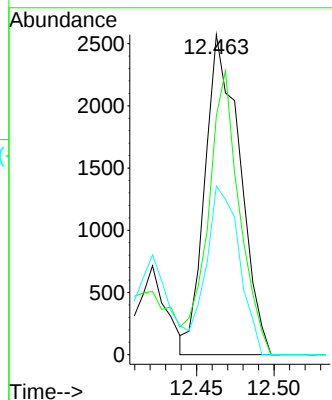
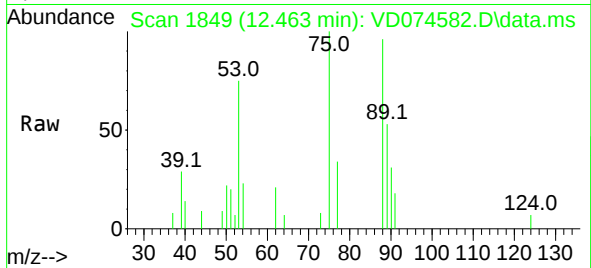




#81
trans-1,4-Dichloro-2-butene
Concen: 19.018 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

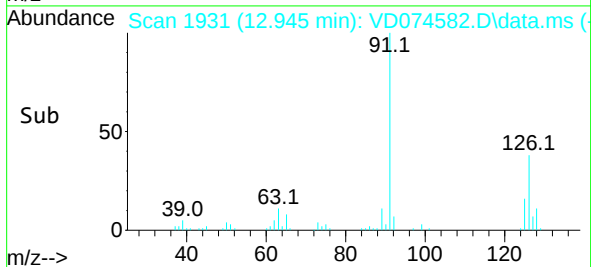
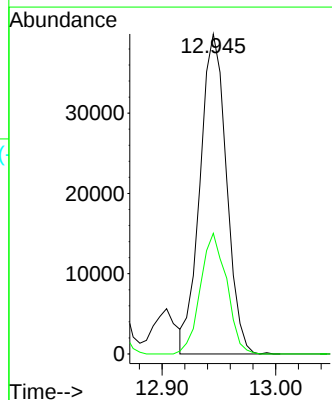
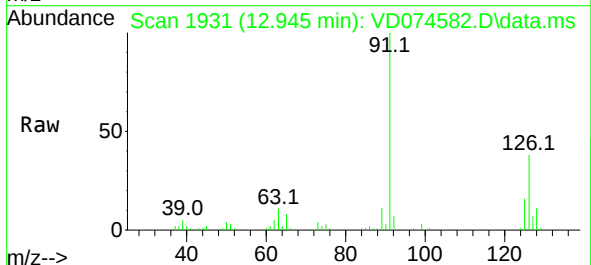
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

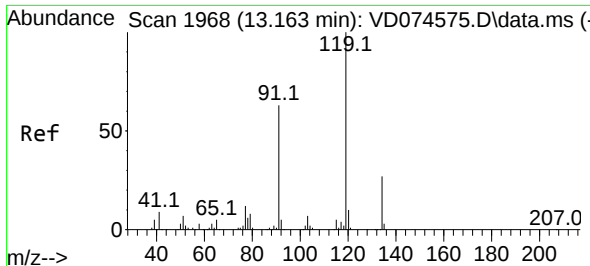
Tgt Ion: 75 Resp: 4010
Ion Ratio Lower Upper
75 100
53 79.9 63.8 95.6
89 49.9 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.303 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 91 Resp: 64273
Ion Ratio Lower Upper
91 100
126 37.5 18.8 56.4

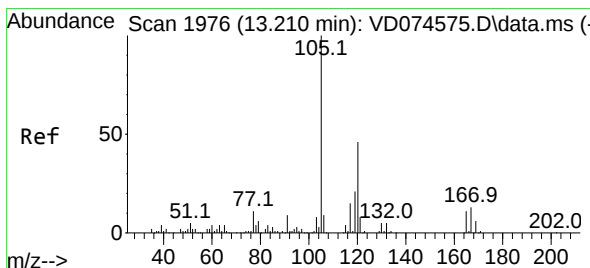
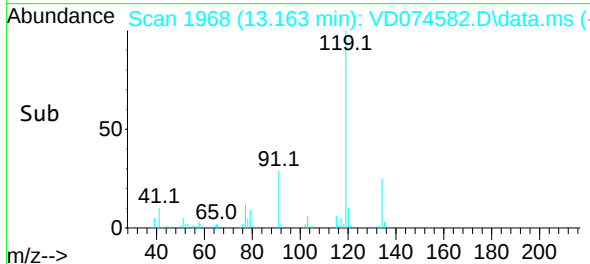
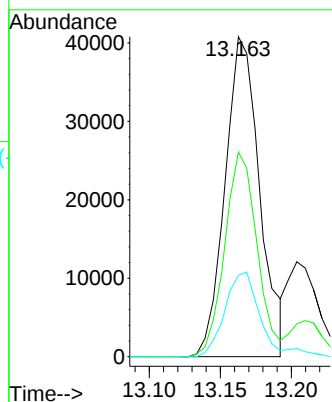
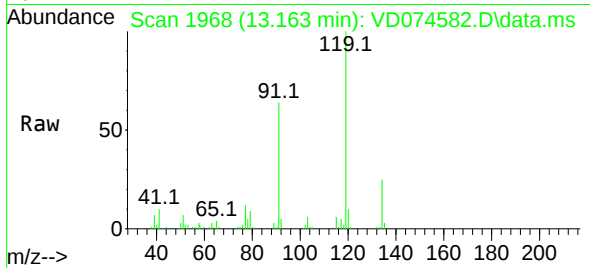




#83
tert-Butylbenzene
Concen: 19.842 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

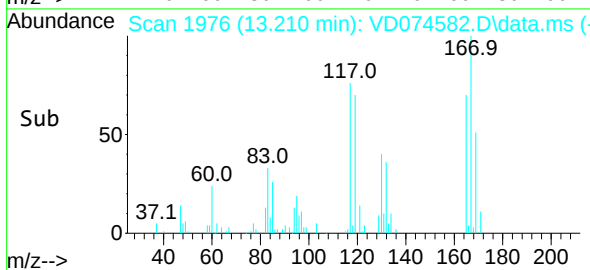
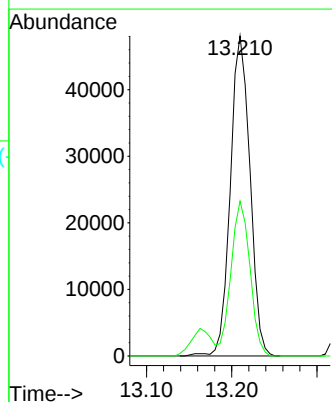
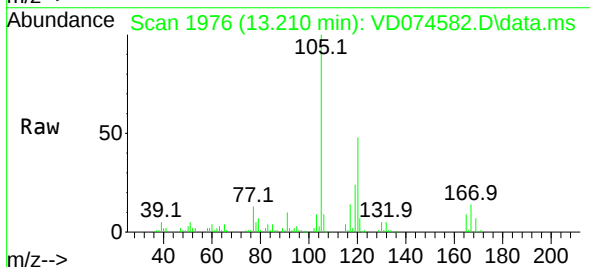
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

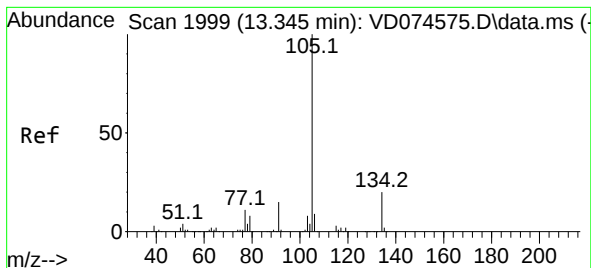
Tgt Ion:119 Resp: 69150
Ion Ratio Lower Upper
119 100
91 59.7 30.0 90.0
134 27.2 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 20.009 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion:105 Resp: 76923
Ion Ratio Lower Upper
105 100
120 46.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 19.789 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.006 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

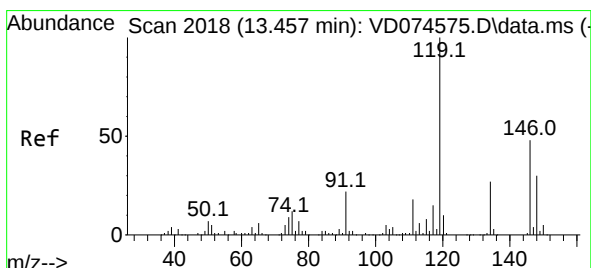
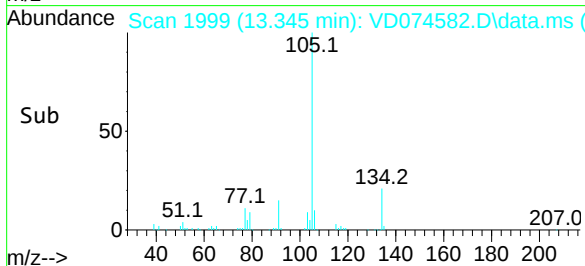
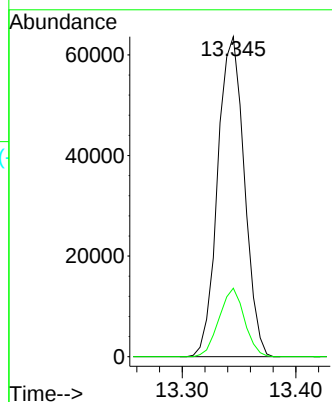
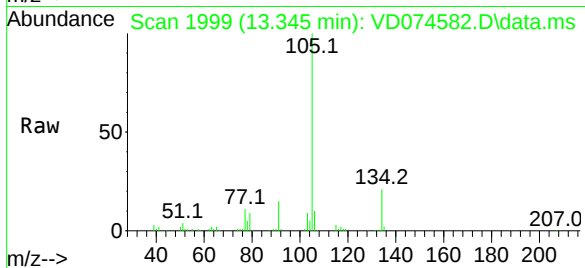
VD1019SBS01

Tgt Ion:105 Resp: 103494

Ion Ratio Lower Upper

105 100

134 20.4 10.0 30.0



#86

p-Isopropyltoluene

Concen: 20.098 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD074582.D

Acq: 19 Oct 2022 16:45

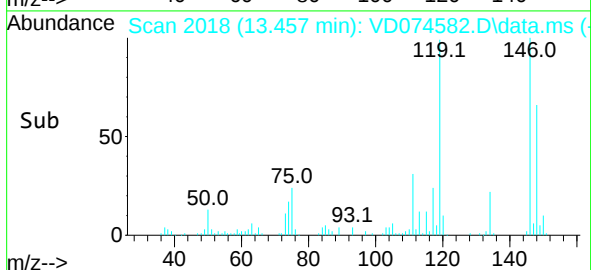
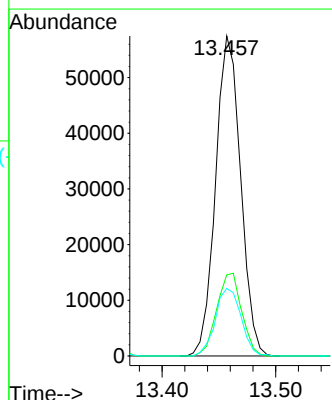
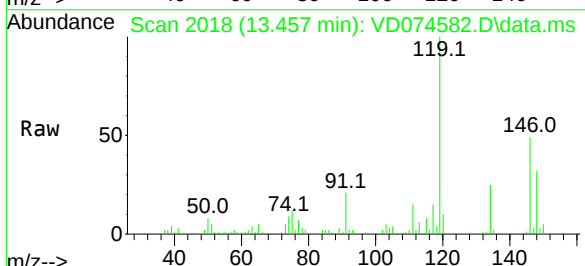
Tgt Ion:119 Resp: 88057

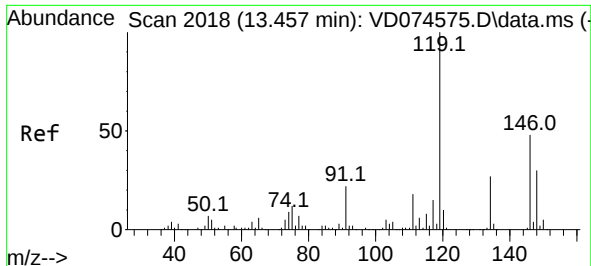
Ion Ratio Lower Upper

119 100

134 25.8 13.5 40.4

91 21.7 10.8 32.4

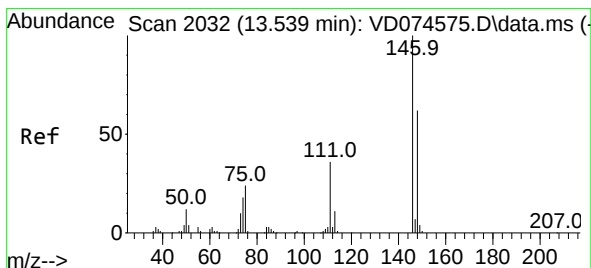
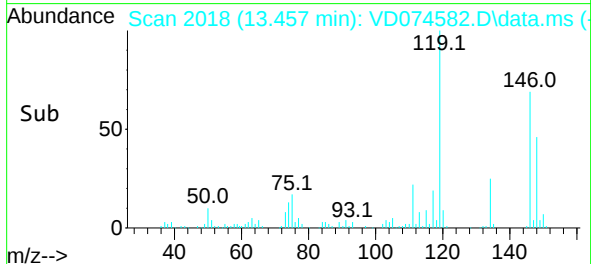
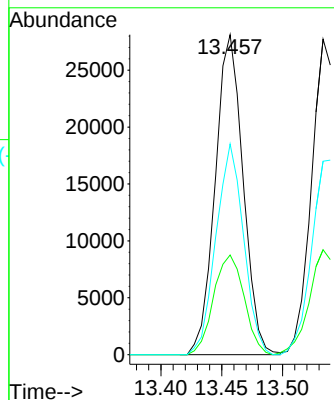
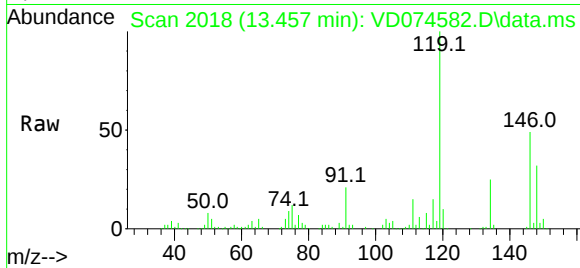




#87
 1,3-Dichlorobenzene
 Concen: 19.856 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD074582.D
 Acq: 19 Oct 2022 16:45

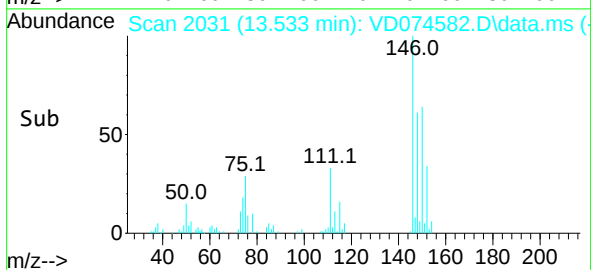
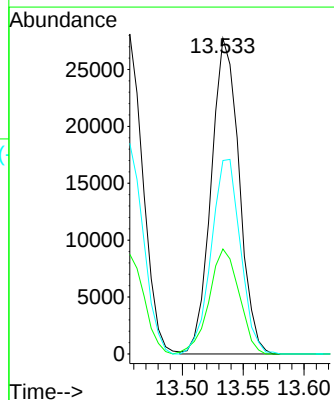
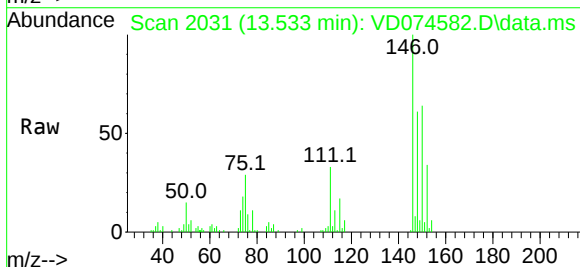
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

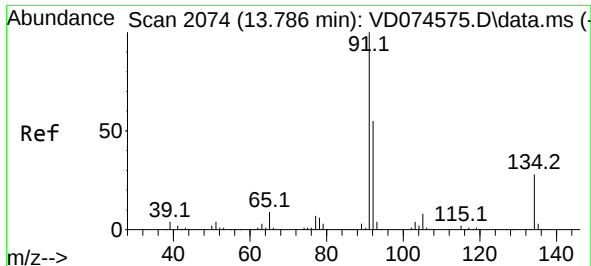
Tgt Ion:146 Resp: 44818
 Ion Ratio Lower Upper
 146 100
 111 34.0 18.3 54.8
 148 65.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.038 ug/l
 RT: 13.533 min Scan# 2031
 Delta R.T. -0.001 min
 Lab File: VD074582.D
 Acq: 19 Oct 2022 16:45

Tgt Ion:146 Resp: 44277
 Ion Ratio Lower Upper
 146 100
 111 35.8 17.7 53.1
 148 64.7 32.3 96.9

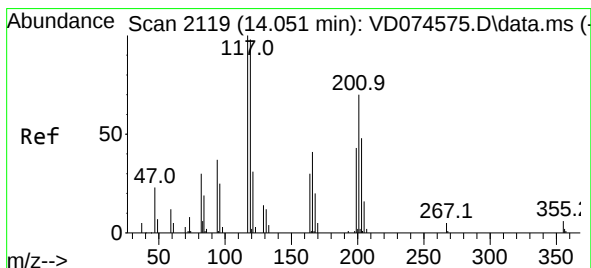
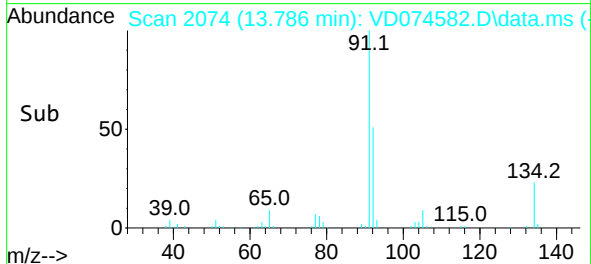
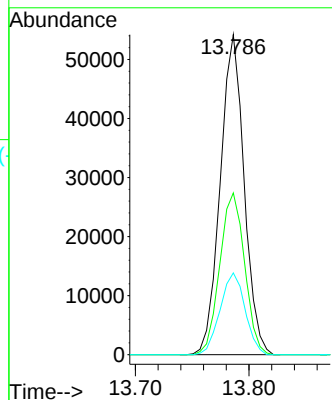
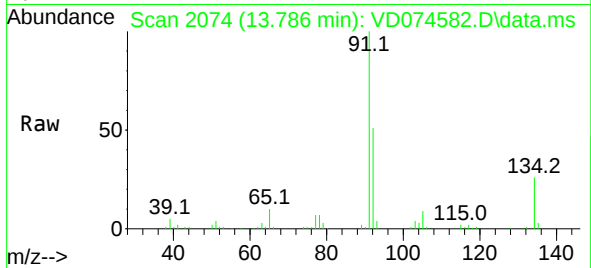




#89
n-Butylbenzene
Concen: 19.841 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.005 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

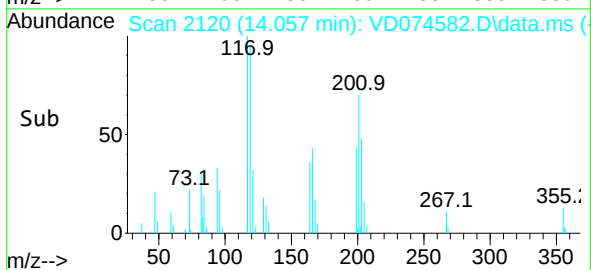
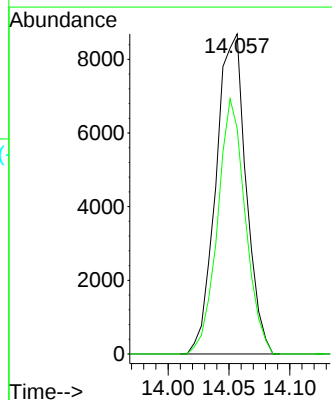
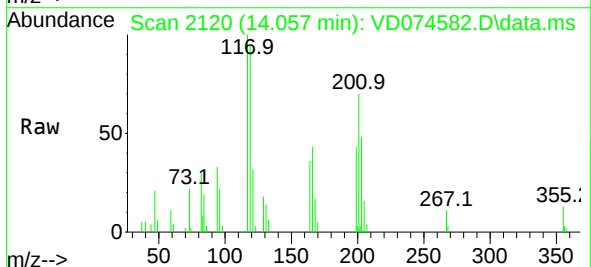
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

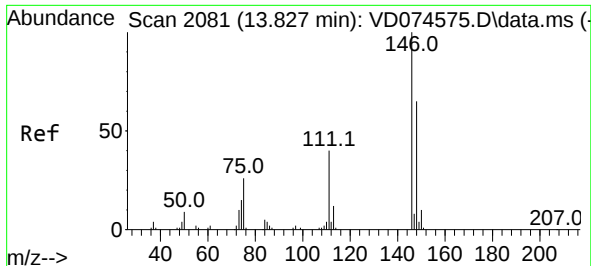
Tgt Ion: 91 Resp: 79198
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.7
134 26.7 13.4 40.2



#90
Hexachloroethane
Concen: 19.602 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.012 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 117 Resp: 14949
Ion Ratio Lower Upper
117 100
201 73.4 38.0 114.0

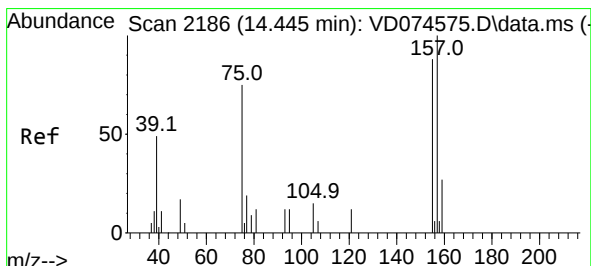
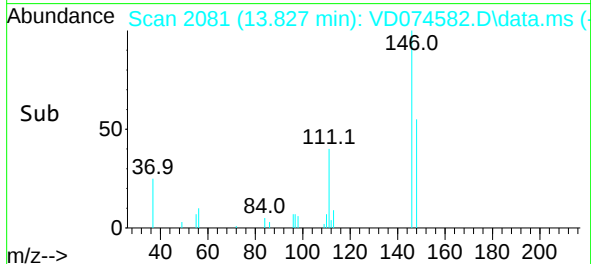
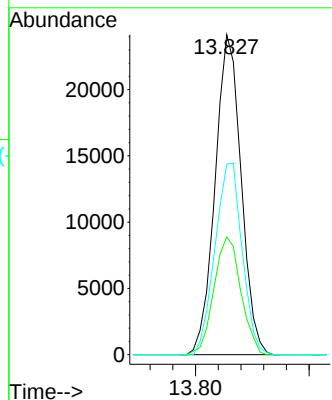
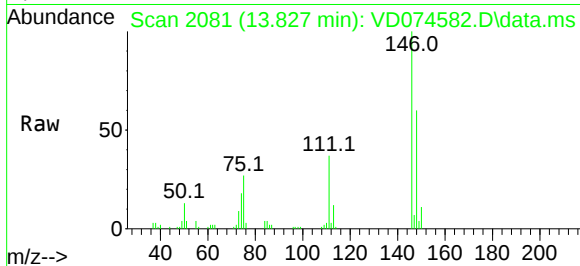




#91
1,2-Dichlorobenzene
Concen: 20.431 ug/l
RT: 13.827 min Scan# 2081
Delta R.T. -0.001 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

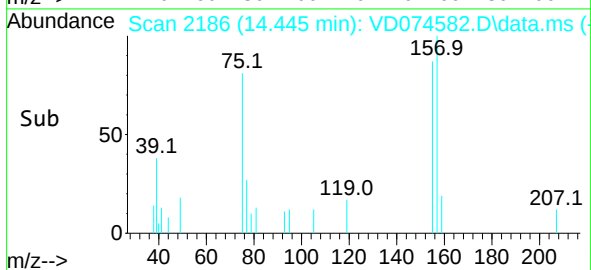
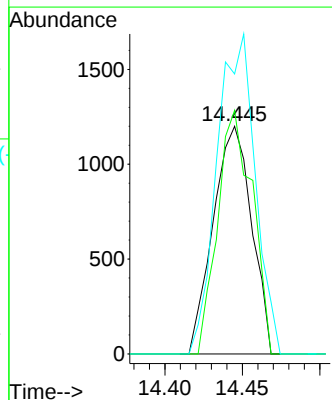
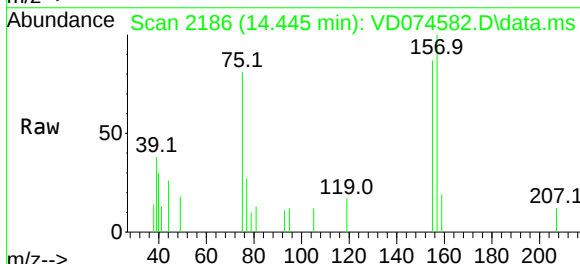
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

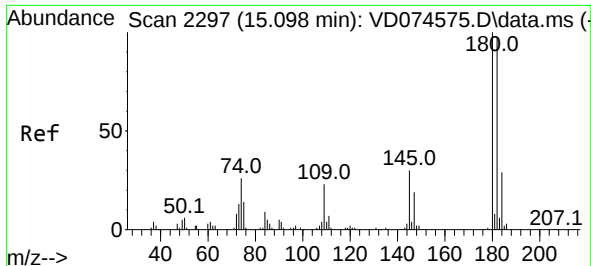
Tgt Ion:146	Resp:	38469
Ion	Ratio	Lower Upper
146	100	
111	38.0	18.9 56.5
148	62.4	31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.627 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion: 75	Resp:	2068
Ion	Ratio	Lower Upper
75	100	
155	96.7	51.2 153.8
157	139.6	68.2 204.5

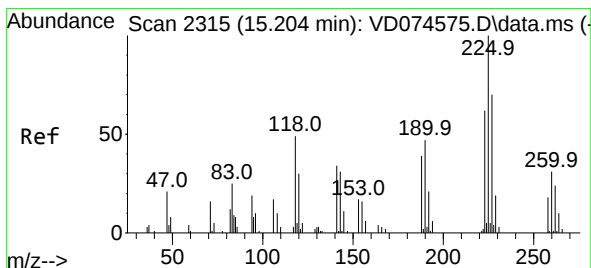
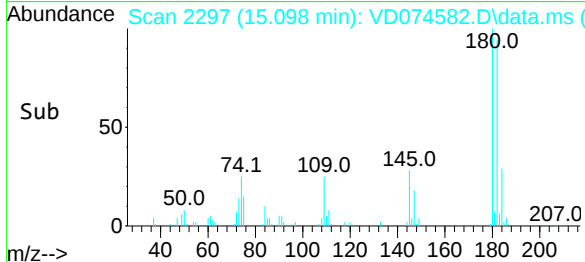
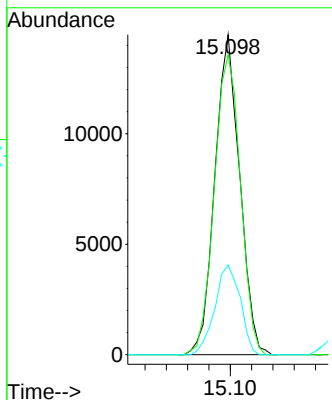
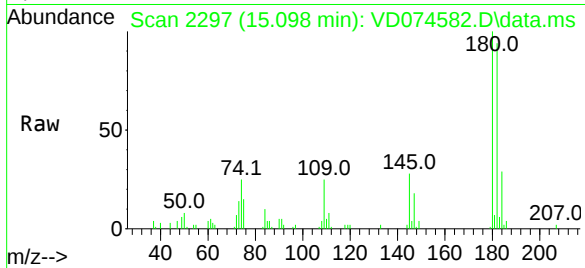




#93
 1,2,4-Trichlorobenzene
 Concen: 18.877 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD074582.D
 Acq: 19 Oct 2022 16:45

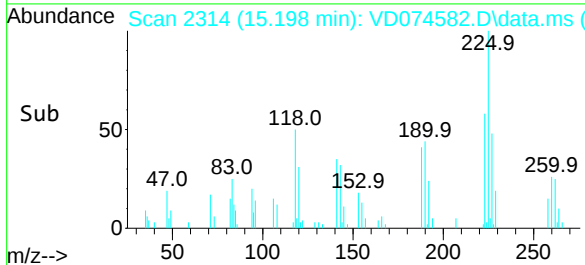
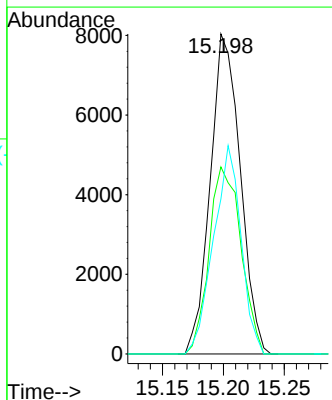
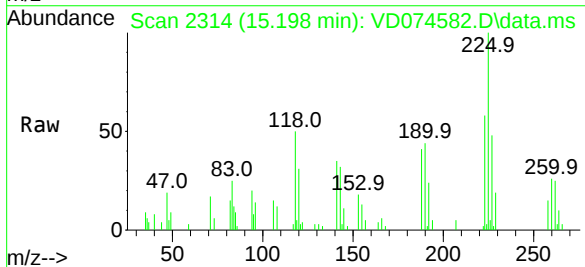
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBS01

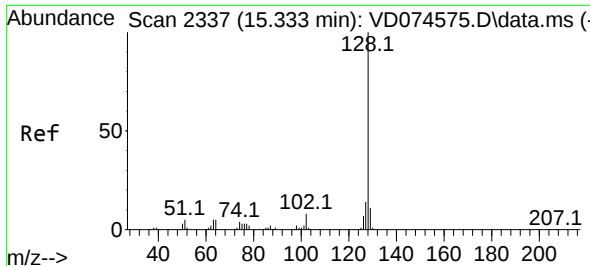
Tgt Ion:180 Resp: 23446
 Ion Ratio Lower Upper
 180 100
 182 98.5 46.9 140.6
 145 28.6 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 20.178 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.000 min
 Lab File: VD074582.D
 Acq: 19 Oct 2022 16:45

Tgt Ion:225 Resp: 13788
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.9 95.5
 227 59.5 32.6 97.8

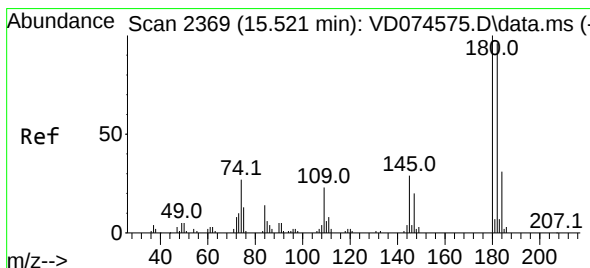
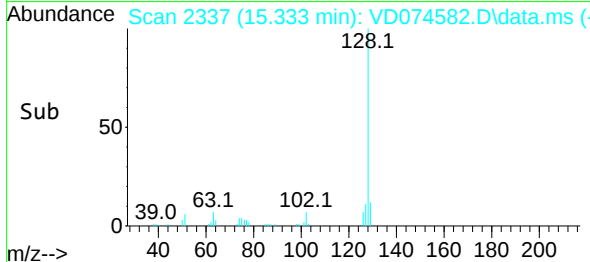
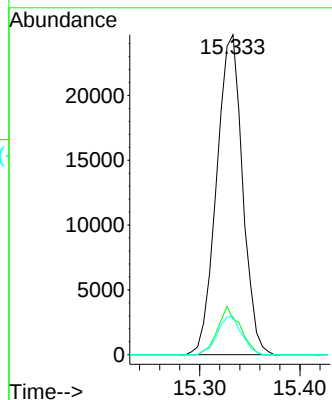
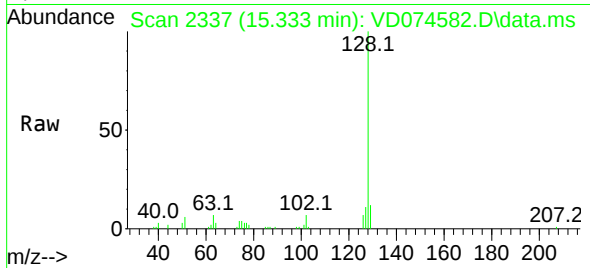




#95
Naphthalene
Concen: 18.931 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.005 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBS01

Tgt Ion:	128	Resp:	44263
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	11.3	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.953 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. 0.005 min
Lab File: VD074582.D
Acq: 19 Oct 2022 16:45

Tgt Ion:	180	Resp:	21244
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.7	140.1
145	28.3	14.9	44.7

