

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074892.D
 Acq On : 11 Nov 2022 15:37
 Operator : VA/SY
 Sample : VD1111SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

Quant Time: Nov 14 00:56:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	167991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	249162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107429	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52828	46.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.940%
35) Dibromofluoromethane	7.805	113	75257	48.998	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.000%
50) Toluene-d8	10.269	98	243387	48.106	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.575	95	77881	50.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	25011	20.816	ug/l	91
3) Chloromethane	2.146	50	38469	19.572	ug/l	93
4) Vinyl Chloride	2.275	62	47001	19.953	ug/l	93
5) Bromomethane	2.675	94	42827	23.691	ug/l	96
6) Chloroethane	2.828	64	34771	20.101	ug/l	92
7) Trichlorofluoromethane	3.170	101	55517	20.685	ug/l	98
8) Diethyl Ether	3.593	74	15395	20.006	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	33829	19.752	ug/l	99
10) Methyl Iodide	4.158	142	33246	19.535	ug/l	100
11) Tert butyl alcohol	5.028	59	4695	44.021	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	33603	20.142	ug/l	90
13) Acrolein	3.799	56	6886	133.740	ug/l	100
14) Allyl chloride	4.558	41	35876	20.104	ug/l	100
15) Acrylonitrile	5.258	53	29446	97.921	ug/l	99
16) Acetone	4.017	43	25891	93.360	ug/l	94
17) Carbon Disulfide	4.264	76	91566	19.294	ug/l	99
18) Methyl Acetate	4.564	43	16400	21.468	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	66056	19.777	ug/l	97
20) Methylene Chloride	4.799	84	65174	19.630	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	37476	19.809	ug/l	90
22) Diisopropyl ether	6.211	45	80378	20.209	ug/l	95
23) Vinyl Acetate	6.158	43	168150	98.501	ug/l	100
24) 1,1-Dichloroethane	6.111	63	59436	20.010	ug/l	95
25) 2-Butanone	7.081	43	34780	95.905	ug/l	94
26) 2,2-Dichloropropane	7.075	77	56053	20.081	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	42351	20.178	ug/l	98
28) Bromochloromethane	7.428	49	18857	19.678	ug/l	94
29) Tetrahydrofuran	7.440	42	19437	96.829	ug/l	98
30) Chloroform	7.599	83	65323	20.081	ug/l	99
31) Cyclohexane	7.875	56	46747	19.087	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	58033	20.701	ug/l	97
36) 1,1-Dichloropropene	8.005	75	47475	21.032	ug/l	99
37) Ethyl Acetate	7.169	43	16291	21.508	ug/l	97
38) Carbon Tetrachloride	7.993	117	43925	20.673	ug/l	95
39) Methylcyclohexane	9.275	83	49662	20.537	ug/l	96
40) Benzene	8.252	78	127798	19.689	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7857	19.558	ug/l #	93
42) 1,2-Dichloroethane	8.328	62	29458	18.964	ug/l	99
43) Isopropyl Acetate	8.363	43	25136	18.842	ug/l	99
44) Trichloroethene	9.028	130	36086	21.044	ug/l	94
45) 1,2-Dichloropropane	9.305	63	30359	20.816	ug/l	93
46) Dibromomethane	9.393	93	17195	21.053	ug/l	91
47) Bromodichloromethane	9.587	83	42629	21.030	ug/l	92
48) Methyl methacrylate	9.381	41	11770	19.917	ug/l	98
49) 1,4-Dioxane	9.387	88	3113	388.419	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	65125	102.400	ug/l	99
52) Toluene	10.334	92	82893	21.360	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	37194	20.771	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	46574	21.209	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	23678	20.849	ug/l	98
56) Ethyl methacrylate	10.599	69	25206	20.113	ug/l	97
57) 1,3-Dichloropropane	10.881	76	38066	20.849	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	39055	95.016	ug/l	96
59) 2-Hexanone	10.922	43	46270	104.362	ug/l	96
60) Dibromochloromethane	11.075	129	28359	21.049	ug/l	100
61) 1,2-Dibromoethane	11.181	107	22170	20.873	ug/l	100
64) Tetrachloroethene	10.810	164	30198	20.001	ug/l	92
65) Chlorobenzene	11.610	112	89161	20.239	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	30581	19.813	ug/l	95
67) Ethyl Benzene	11.687	91	154425	20.121	ug/l	98
68) m/p-Xylenes	11.793	106	124485	40.681	ug/l	99
69) o-Xylene	12.122	106	56438	20.047	ug/l	98
70) Styrene	12.134	104	96355	19.966	ug/l	98
71) Bromoform	12.298	173	15740	19.704	ug/l #	94
73) Isopropylbenzene	12.422	105	150486	20.352	ug/l	99
74) N-amyl acetate	12.234	43	24119	19.825	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	25814	19.736	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	31028	34.532	ug/l #	1
77) Bromobenzene	12.698	156	35065	20.264	ug/l	95
78) n-propylbenzene	12.763	91	188084	20.693	ug/l	98
79) 2-Chlorotoluene	12.851	91	101082	20.640	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	124846	20.263	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	6979	19.107	ug/l	99
82) 4-Chlorotoluene	12.945	91	106803	20.942	ug/l	97
83) tert-Butylbenzene	13.169	119	107981	20.199	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	124758	20.474	ug/l	98
85) sec-Butylbenzene	13.345	105	165970	20.410	ug/l	100
86) p-Isopropyltoluene	13.463	119	138223	20.442	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	73251	20.350	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	72041	20.165	ug/l	98
89) n-Butylbenzene	13.793	91	128117	20.408	ug/l	98
90) Hexachloroethane	14.051	117	24831	20.504	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	61415	20.064	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3492	19.365	ug/l	86
93) 1,2,4-Trichlorobenzene	15.104	180	37294	20.016	ug/l	98
94) Hexachlorobutadiene	15.210	225	19686	20.483	ug/l	96
95) Naphthalene	15.334	128	66622	19.265	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	31913	19.806	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration

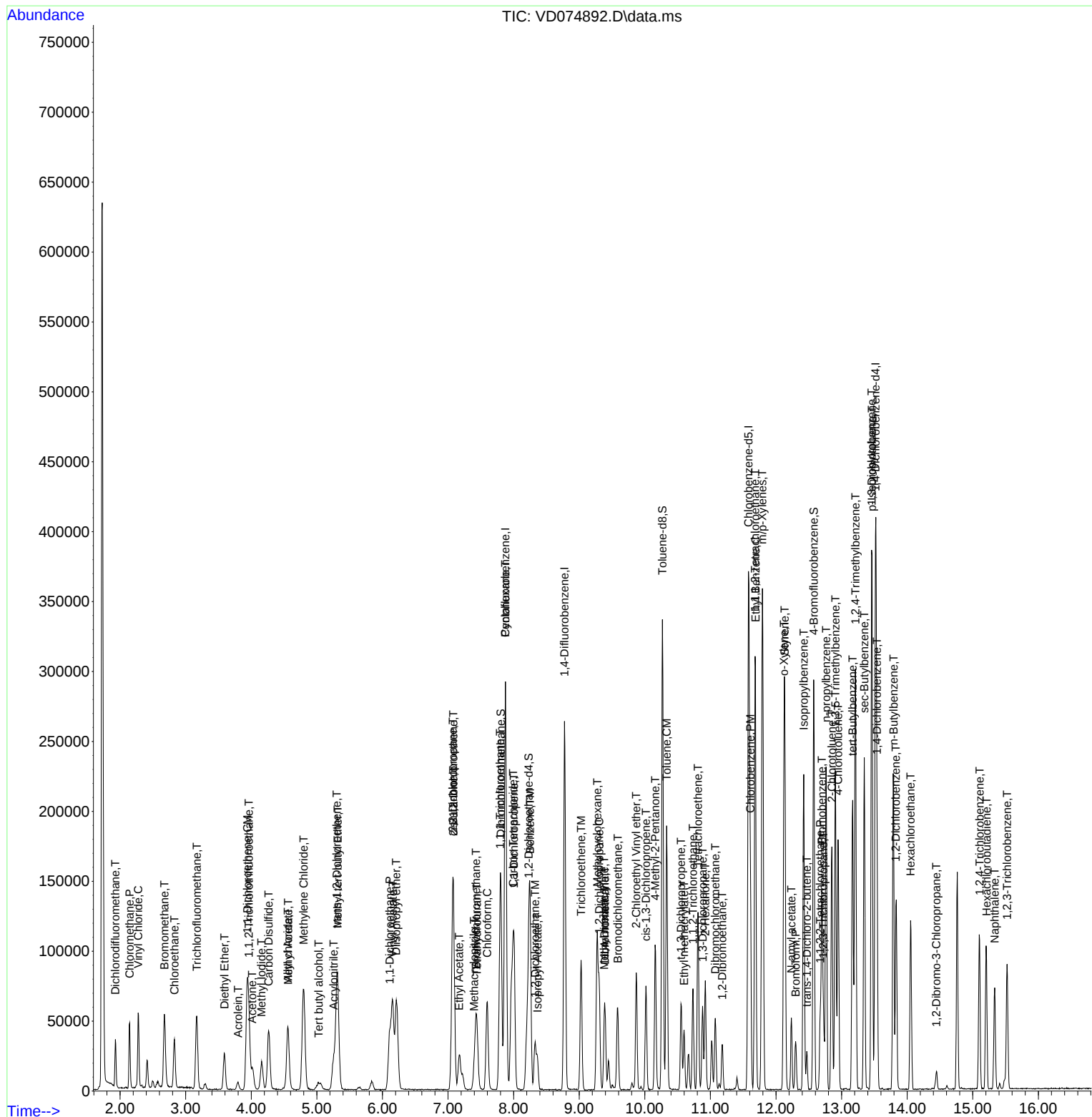
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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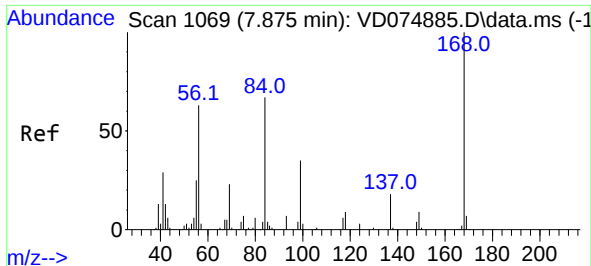
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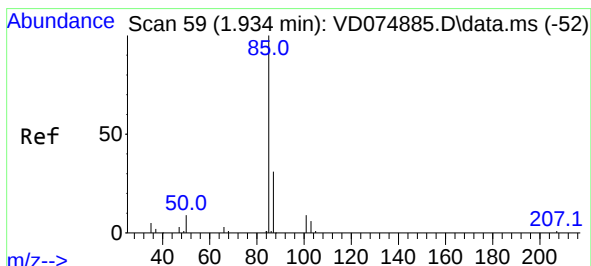
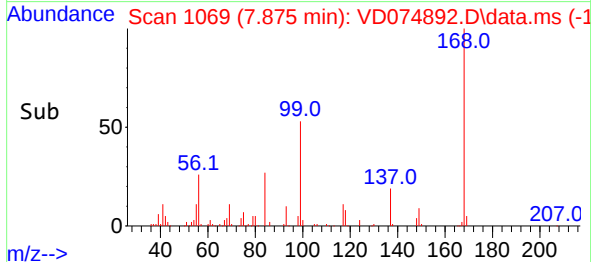
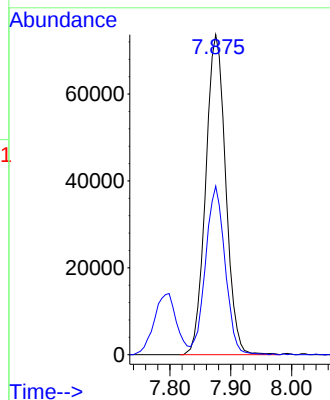
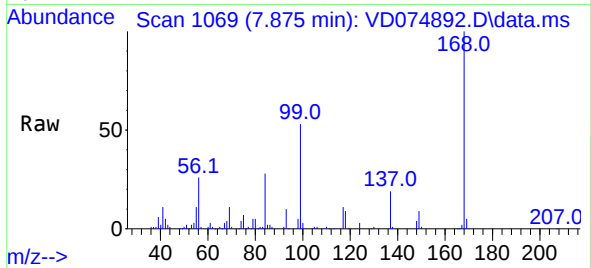




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074892.D
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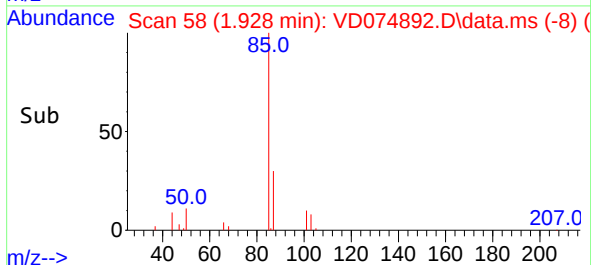
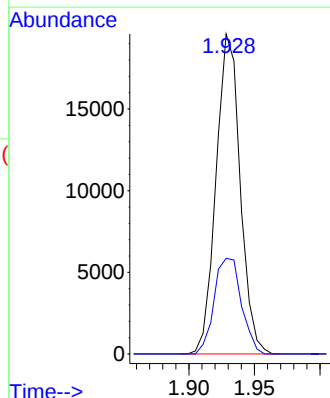
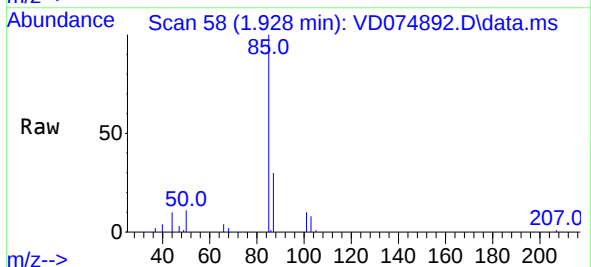
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

Tgt Ion:168 Resp: 167991
Ion Ratio Lower Upper
168 100
99 52.6 40.9 61.3

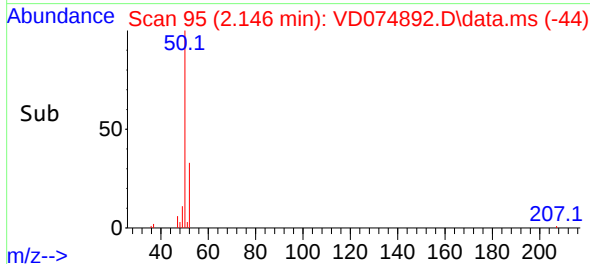
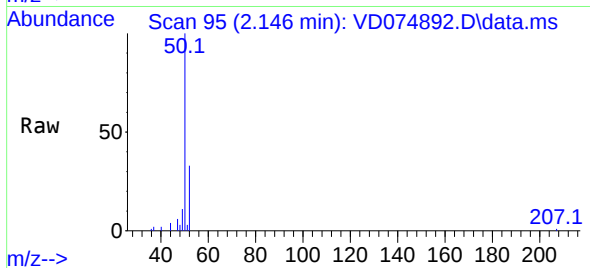
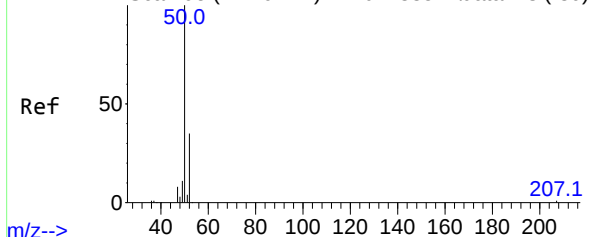


#2
Dichlorodifluoromethane
Concen: 20.816 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 85 Resp: 25011
Ion Ratio Lower Upper
85 100
87 29.9 17.5 52.6



Abundance Scan 95 (2.146 min): VD074885.D\data.ms (-89)



#3

Chloromethane

Concen: 19.572 ug/l

RT: 2.146 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

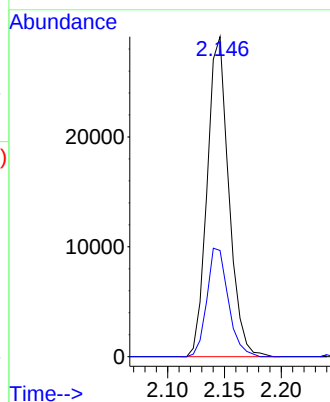
VD1111SBSD01

Tgt Ion: 50 Resp: 38469

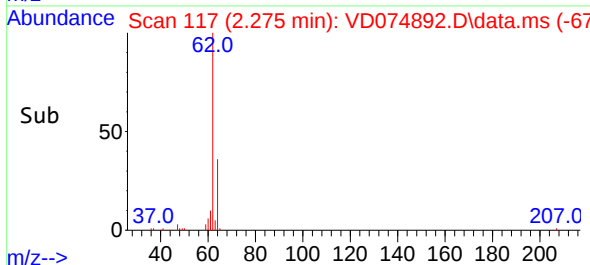
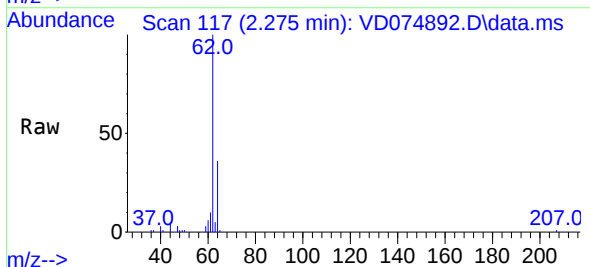
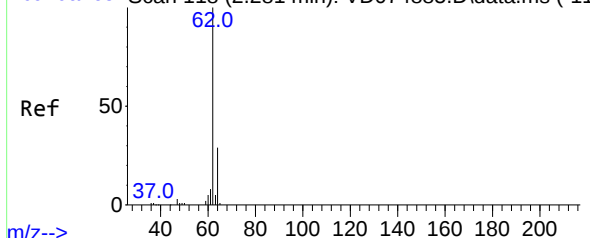
Ion Ratio Lower Upper

50 100

52 33.2 30.0 45.0



Abundance Scan 118 (2.281 min): VD074885.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 19.953 ug/l

RT: 2.275 min Scan# 117

Delta R.T. -0.006 min

Lab File: VD074892.D

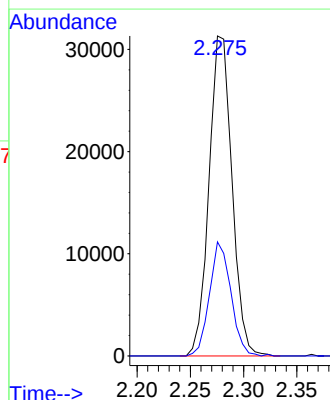
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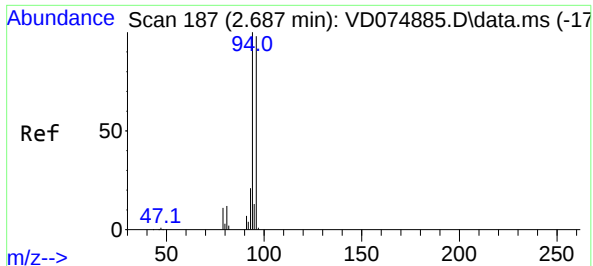
Tgt Ion: 62 Resp: 47001

Ion Ratio Lower Upper

62 100

64 35.7 25.5 38.3

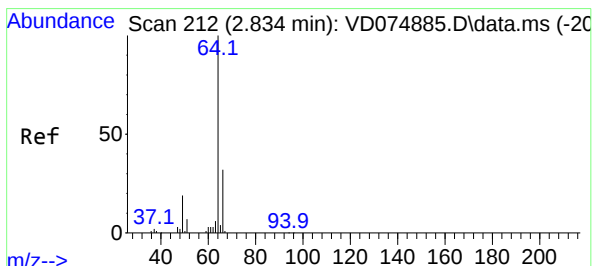
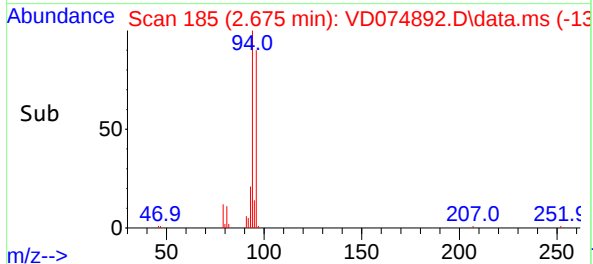
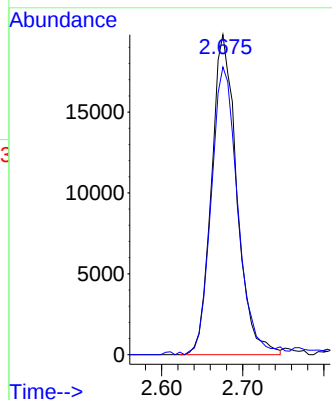
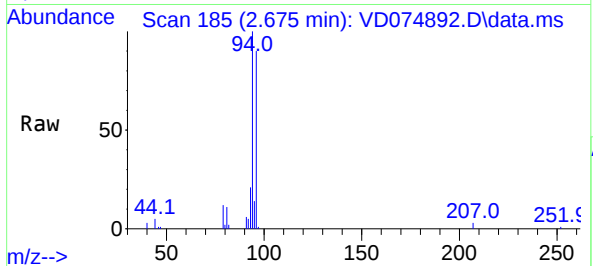




#5
Bromomethane
Concen: 23.691 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

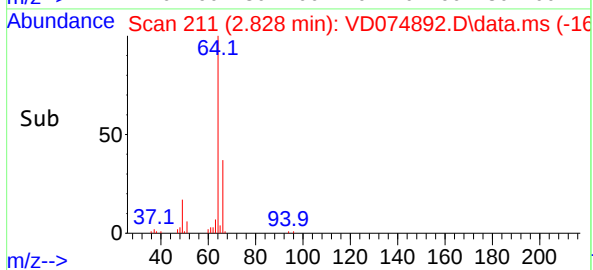
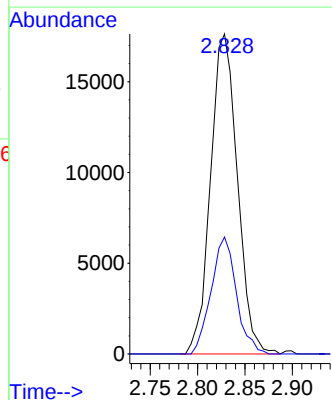
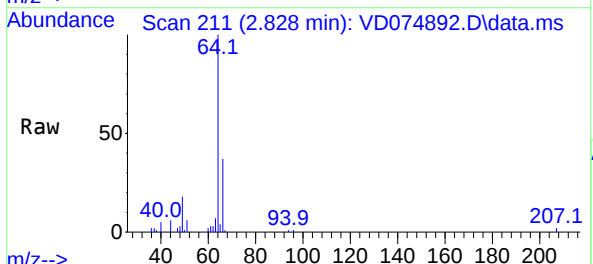
Instrument :
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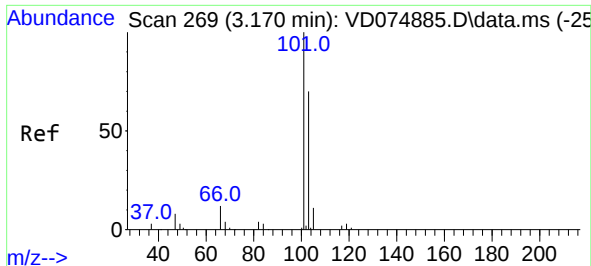
Tgt Ion: 94 Resp: 42827
Ion Ratio Lower Upper
94 100
96 89.1 74.6 112.0



#6
Chloroethane
Concen: 20.101 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 64 Resp: 34771
Ion Ratio Lower Upper
64 100
66 36.6 25.8 38.8

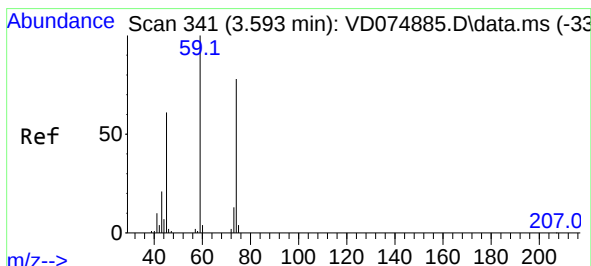
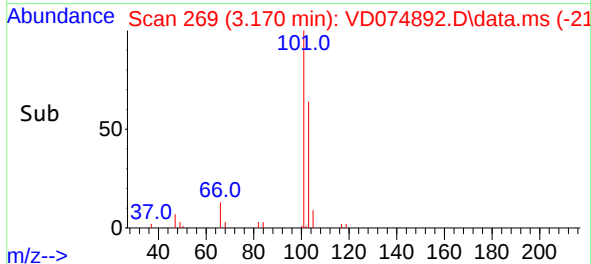
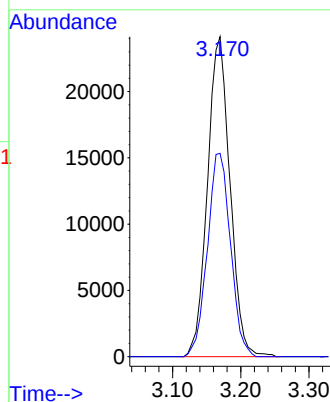
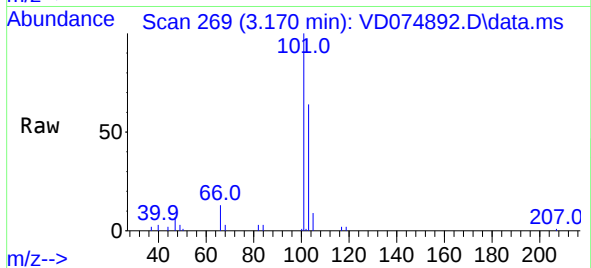




#7
Trichlorofluoromethane
Concen: 20.685 ug/l
RT: 3.170 min Scan# 207
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

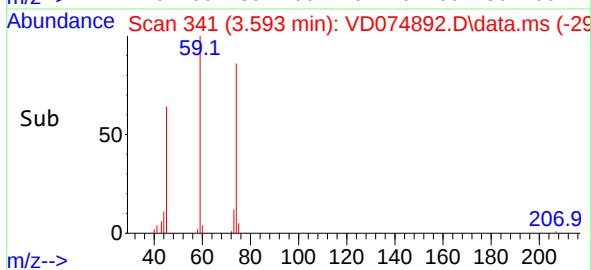
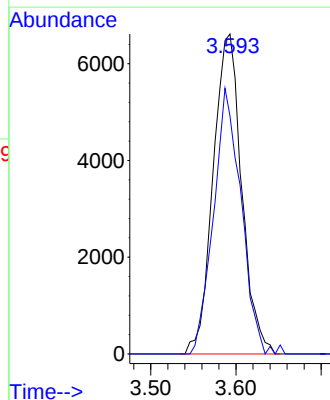
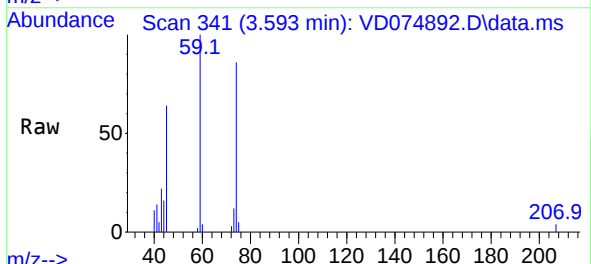
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

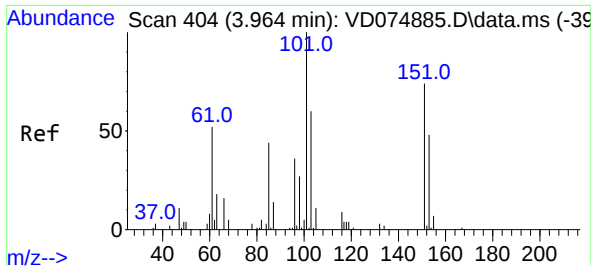
Tgt Ion:101 Resp: 55517
Ion Ratio Lower Upper
101 100
103 63.5 49.8 74.8



#8
Diethyl Ether
Concen: 20.006 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 74 Resp: 15395
Ion Ratio Lower Upper
74 100
45 80.0 37.9 113.6

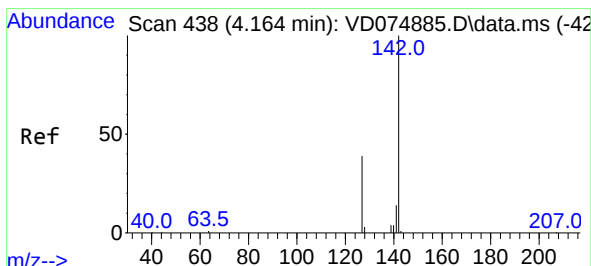
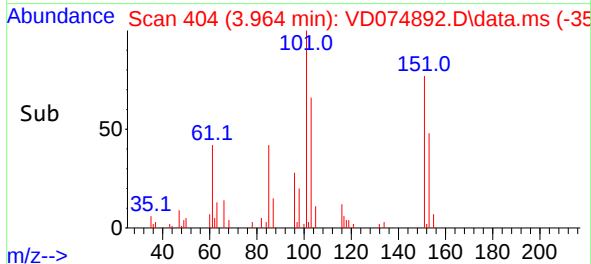
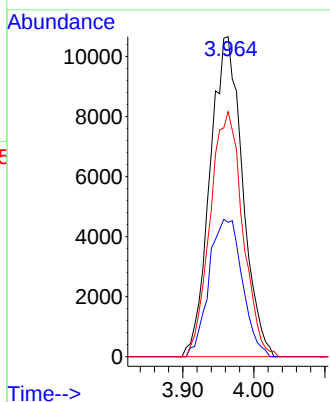
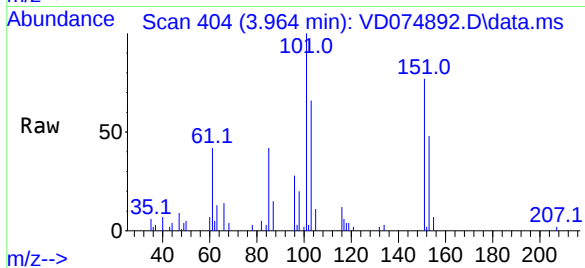




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.752 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

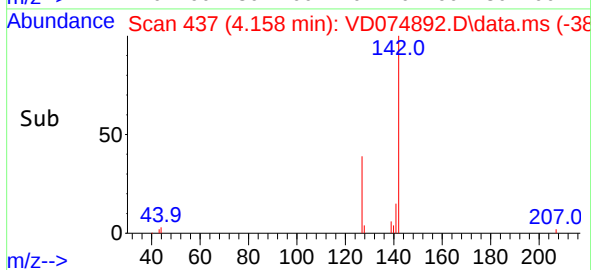
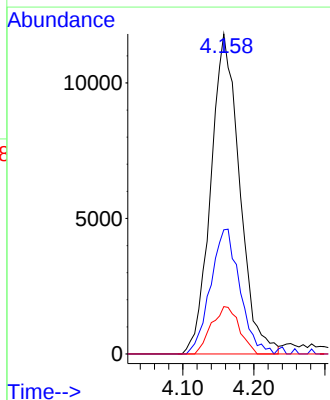
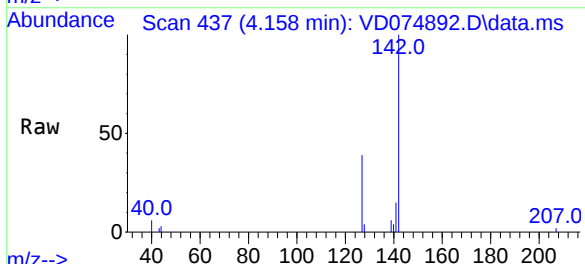
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

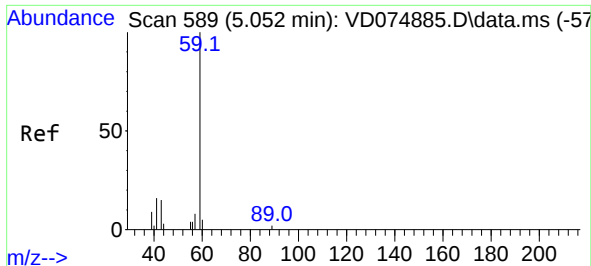
Tgt Ion:	101	Resp:	33829
Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.1	51.1
151	76.6	61.7	92.5



#10
Methyl Iodide
Concen: 19.535 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion:	142	Resp:	33246
Ion	Ratio	Lower	Upper
142	100		
127	39.7	31.9	47.9
141	14.2	11.4	17.2





#11

Tert butyl alcohol

Concen: 44.021 ug/l

RT: 5.028 min Scan# 5

Delta R.T. -0.024 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

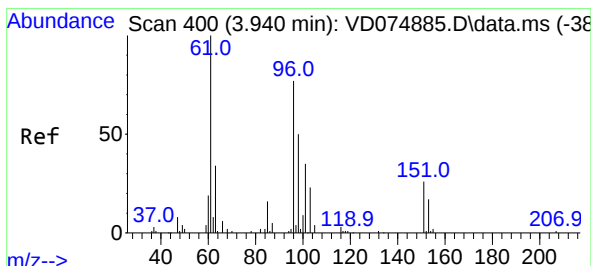
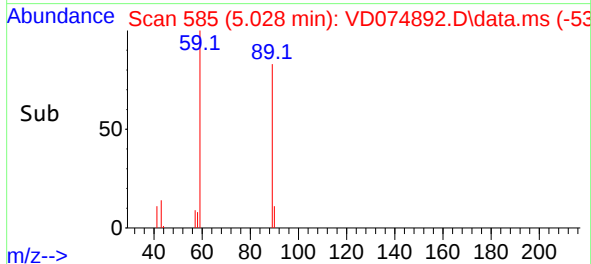
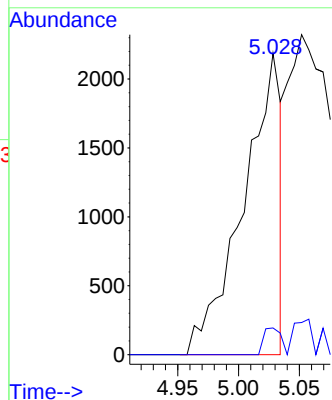
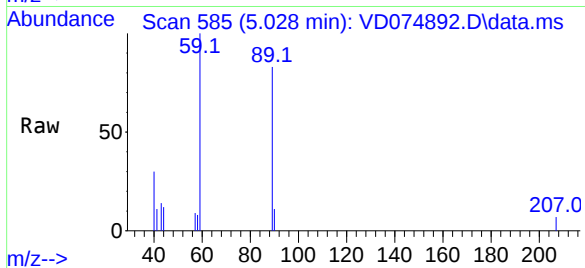
VD1111SBSD01

Tgt Ion: 59 Resp: 4695

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 20.142 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

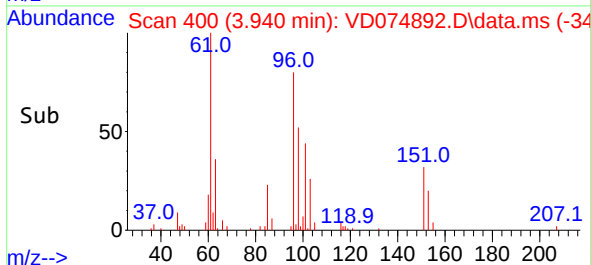
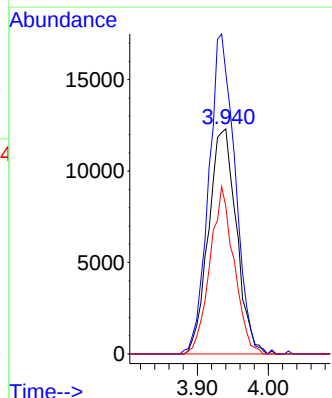
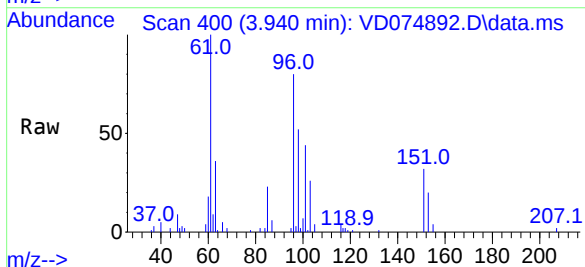
Tgt Ion: 96 Resp: 33603

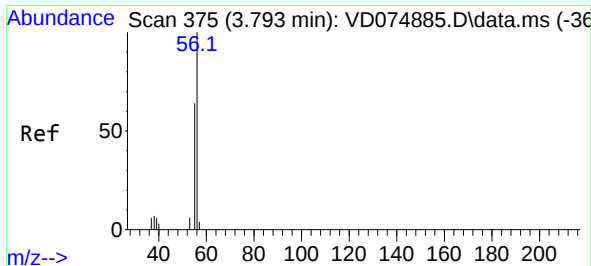
Ion Ratio Lower Upper

96 100

61 124.9 113.9 170.9

98 65.5 51.8 77.8

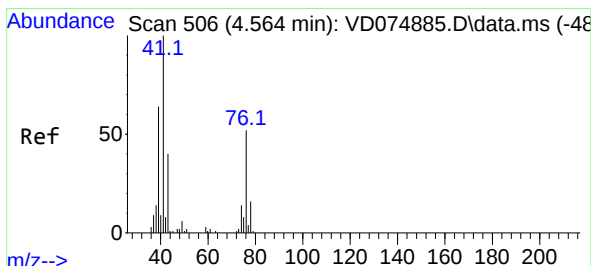
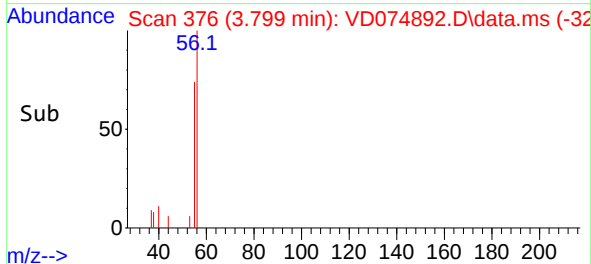
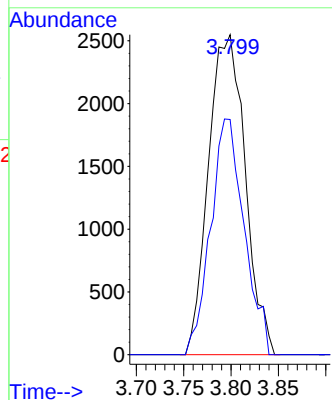
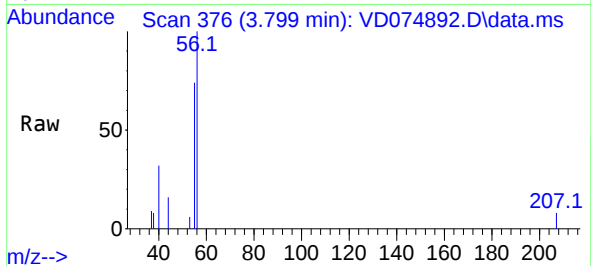




#13
Acrolein
Concen: 133.740 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

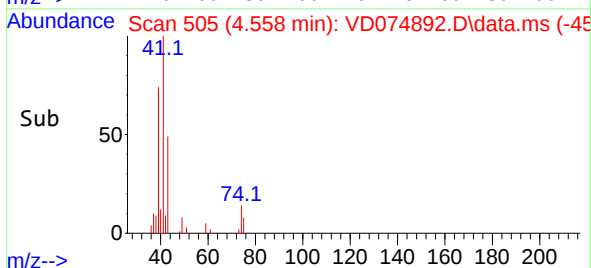
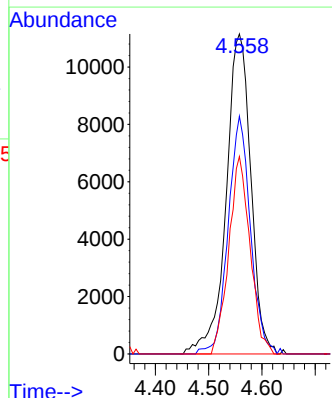
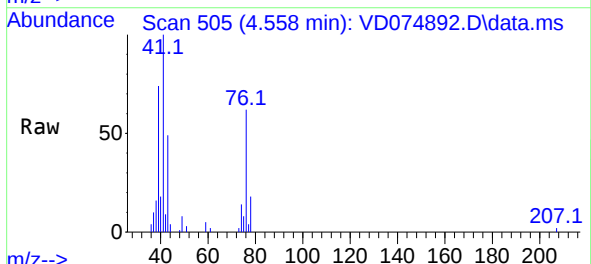
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

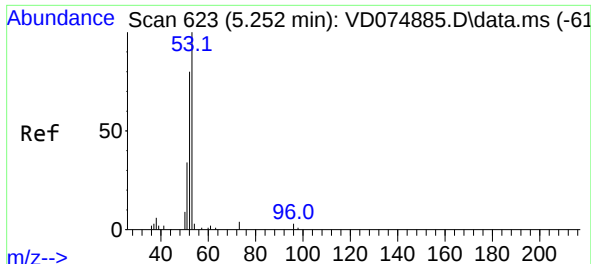
Tgt Ion: 56 Resp: 6886
Ion Ratio Lower Upper
56 100
55 67.2 54.0 81.0



#14
Allyl chloride
Concen: 20.104 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 41 Resp: 35876
Ion Ratio Lower Upper
41 100
39 67.1 53.4 80.2
76 53.1 42.4 63.6





#15

Acrylonitrile

Concen: 97.921 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

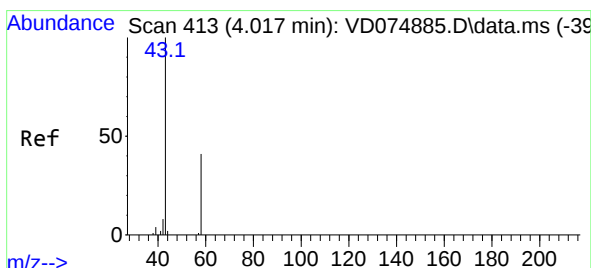
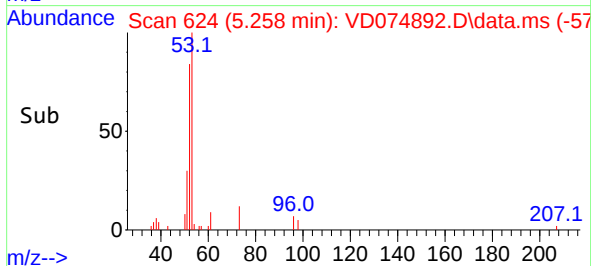
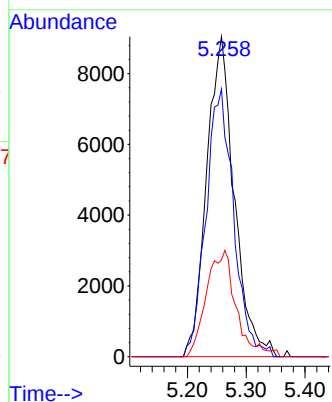
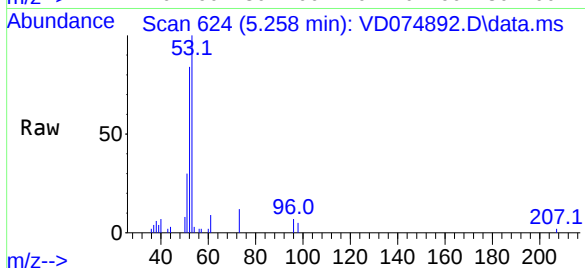
Tgt Ion: 53 Resp: 29446

Ion Ratio Lower Upper

53 100

52 83.9 66.0 99.0

51 35.9 28.3 42.5



#16

Acetone

Concen: 93.360 ug/l

RT: 4.017 min Scan# 413

Delta R.T. -0.000 min

Lab File: VD074892.D

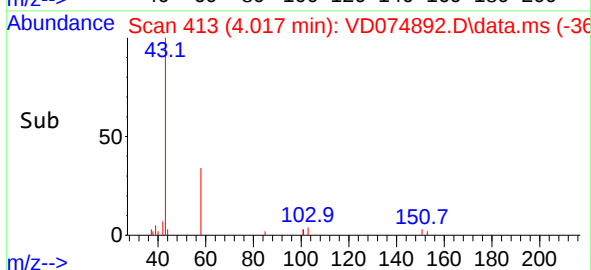
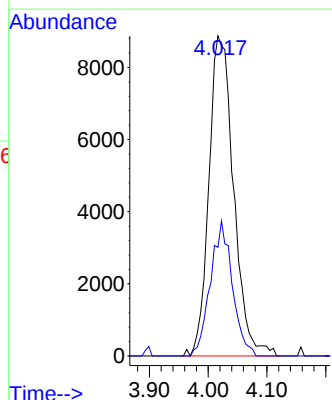
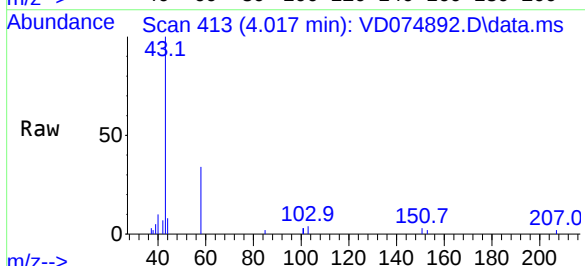
Acq: 11 Nov 2022 15:37

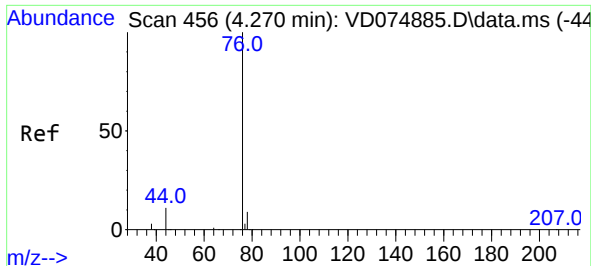
Tgt Ion: 43 Resp: 25891

Ion Ratio Lower Upper

43 100

58 34.0 30.2 45.2

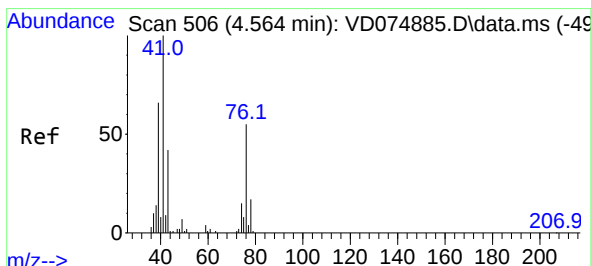
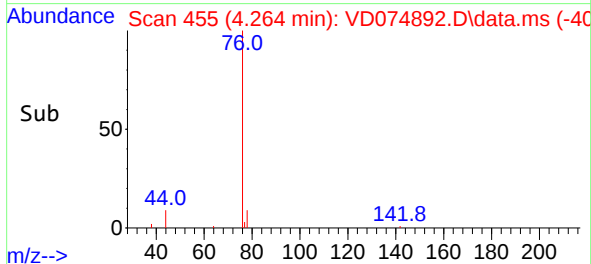
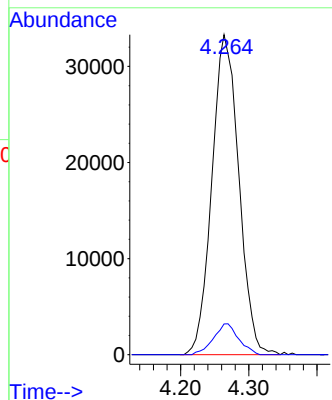
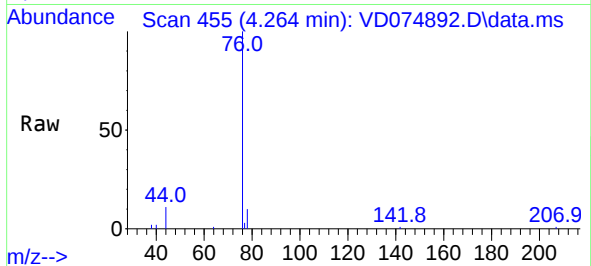




#17
Carbon Disulfide
Concen: 19.294 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

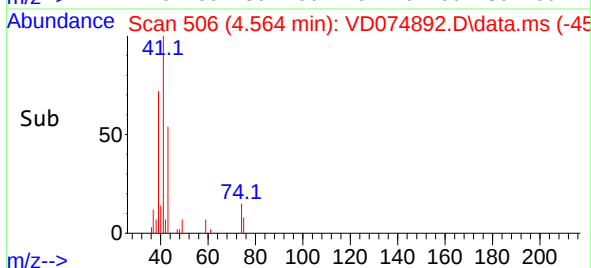
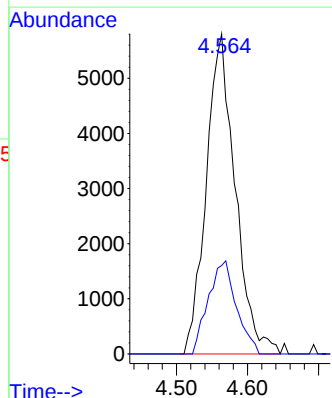
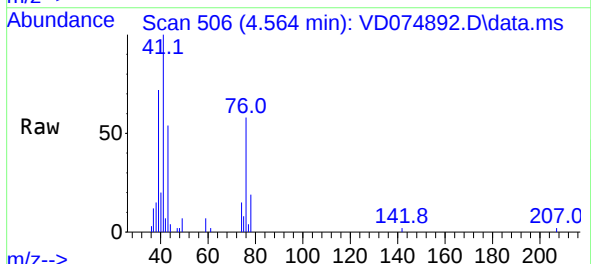
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

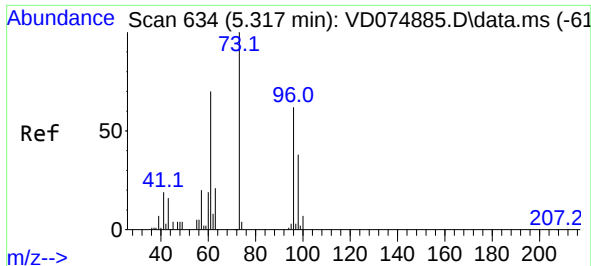
Tgt Ion: 76 Resp: 91566
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.8



#18
Methyl Acetate
Concen: 21.468 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 43 Resp: 16400
Ion Ratio Lower Upper
43 100
74 28.3 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 19.777 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.001 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

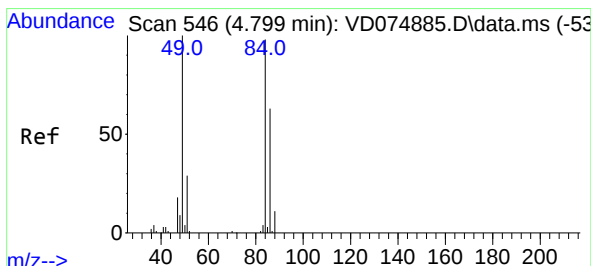
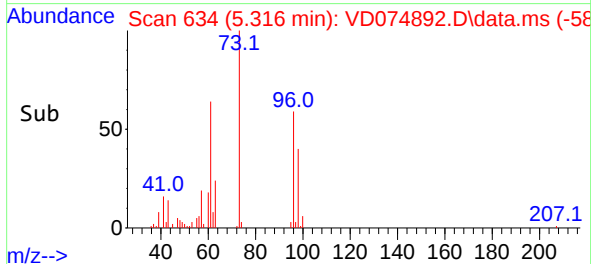
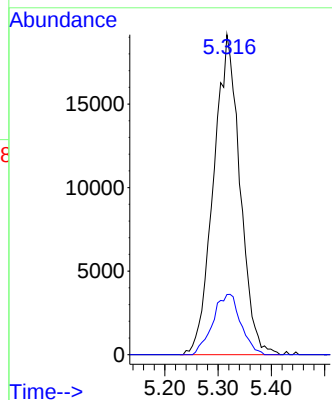
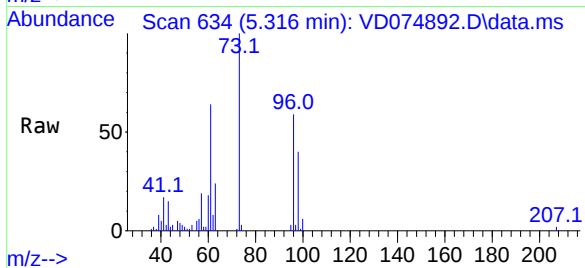
VD1111SBSD01

Tgt Ion: 73 Resp: 66056

Ion Ratio Lower Upper

73 100

57 18.8 16.1 24.1



#20

Methylene Chloride

Concen: 19.630 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Tgt Ion: 84 Resp: 65174

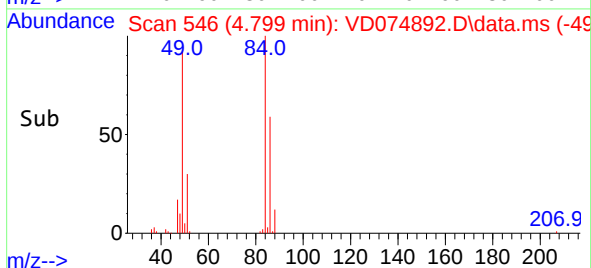
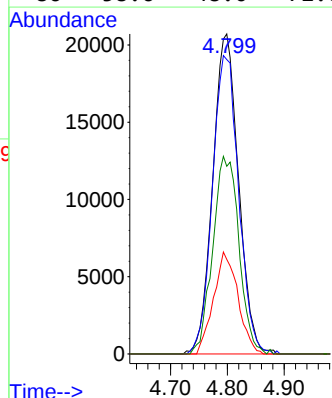
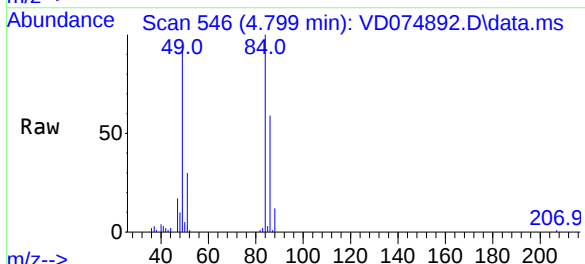
Ion Ratio Lower Upper

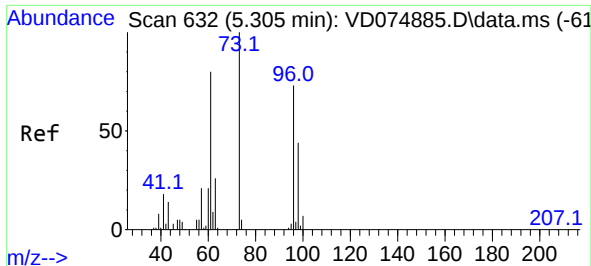
84 100

49 92.0 68.0 102.0

51 29.5 23.2 34.8

86 58.6 48.0 72.0

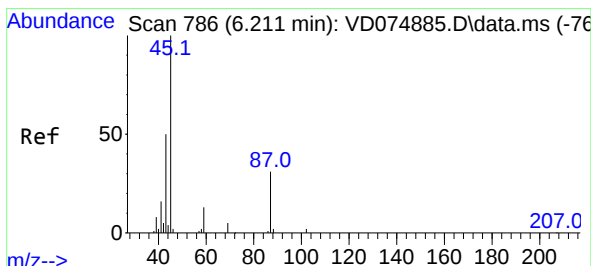
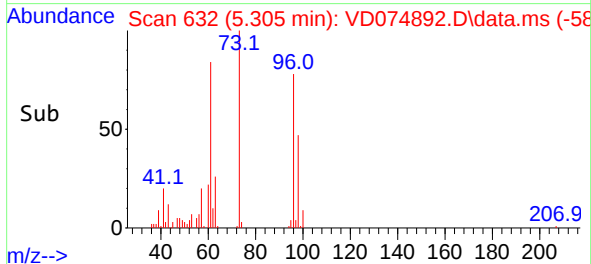
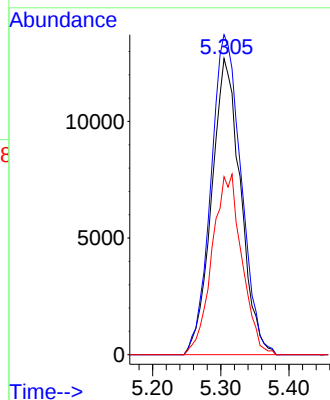
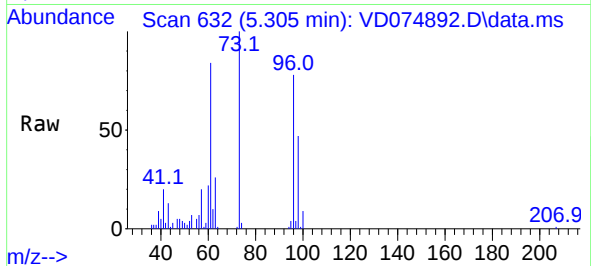




#21
trans-1,2-Dichloroethene
Concen: 19.809 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

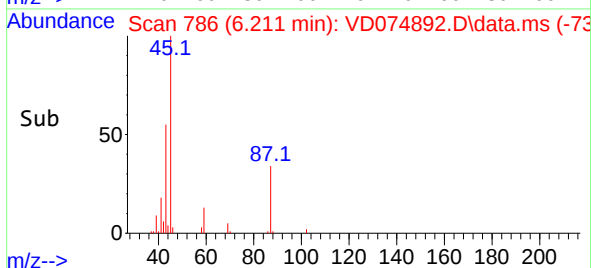
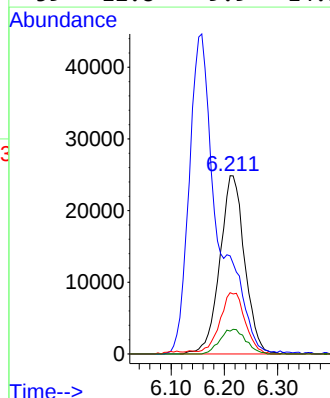
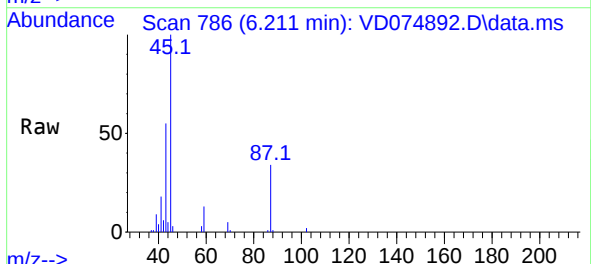
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

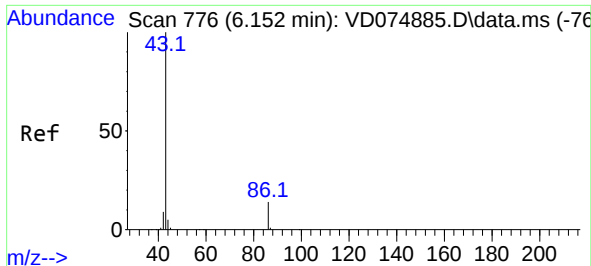
Tgt Ion: 96 Resp: 37476
Ion Ratio Lower Upper
96 100
61 108.0 95.7 143.5
98 60.0 54.8 82.2



#22
Diisopropyl ether
Concen: 20.209 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 45 Resp: 80378
Ion Ratio Lower Upper
45 100
43 53.3 37.8 56.6
87 34.4 26.6 40.0
59 12.8 9.9 14.9

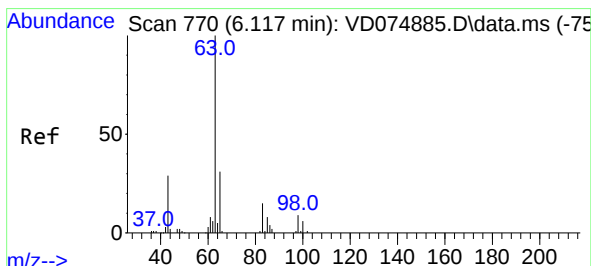
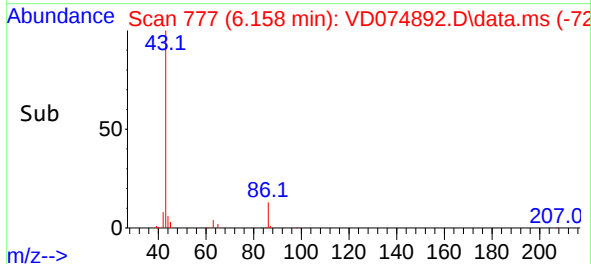
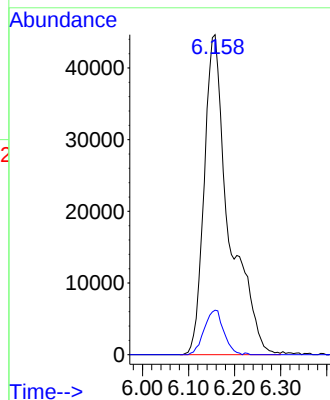
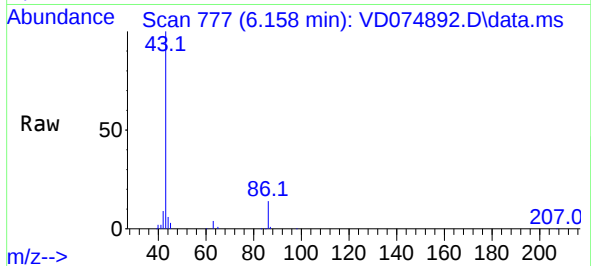




#23
 Vinyl Acetate
 Concen: 98.501 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD074892.D
 Acq: 11 Nov 2022 15:37

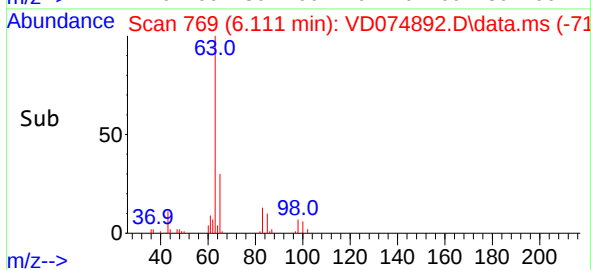
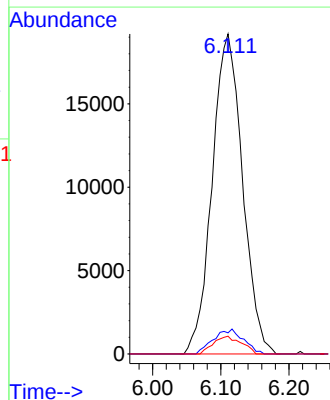
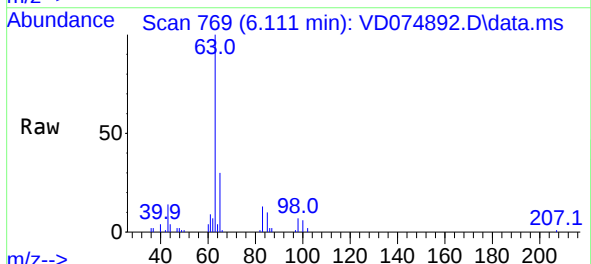
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

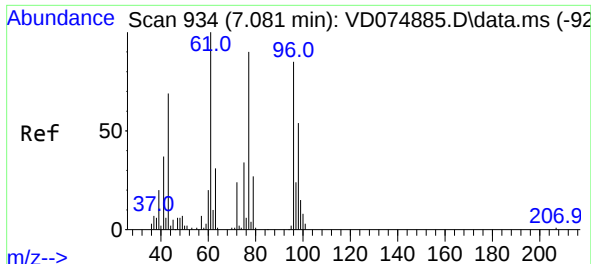
Tgt Ion: 43 Resp: 168150
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 20.010 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD074892.D
 Acq: 11 Nov 2022 15:37

Tgt Ion: 63 Resp: 59436
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.6 13.8
 100 5.5 2.9 8.6





#25

2-Butanone

Concen: 95.905 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

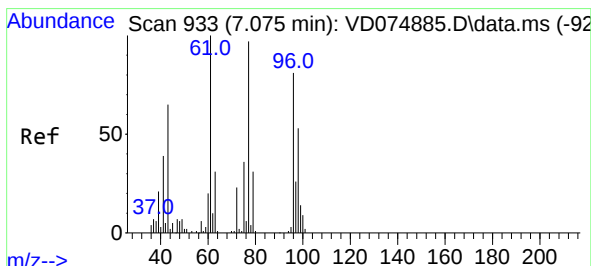
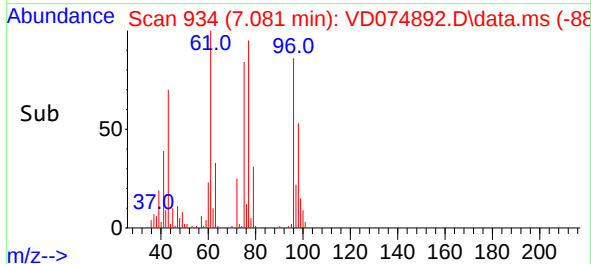
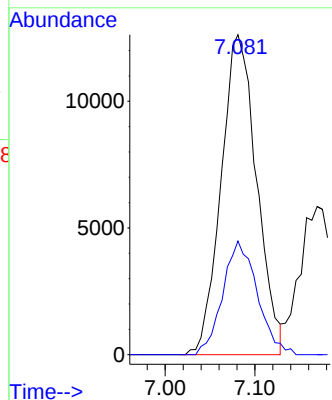
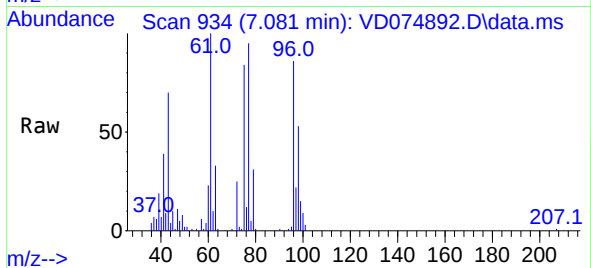
VD1111SBSD01

Tgt Ion: 43 Resp: 34780

Ion Ratio Lower Upper

43 100

72 35.5 25.8 38.8



#26

2,2-Dichloropropane

Concen: 20.081 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD074892.D

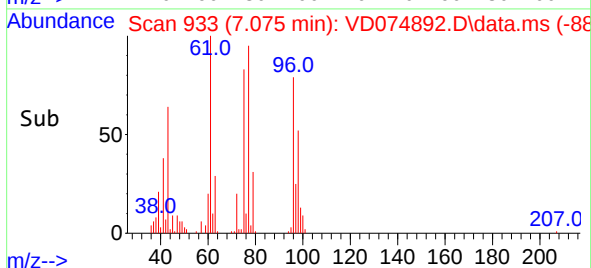
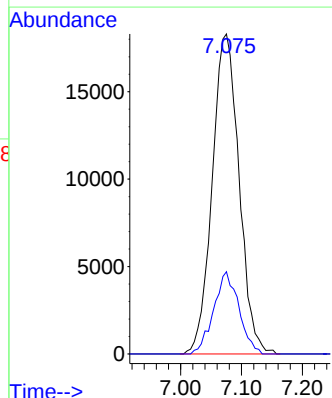
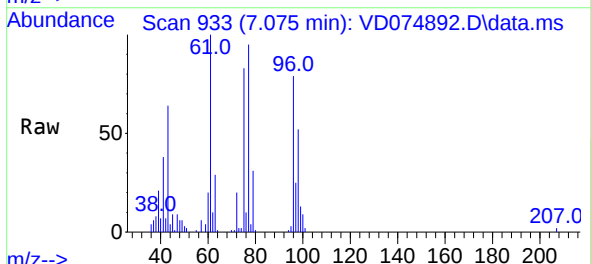
Acq: 11 Nov 2022 15:37

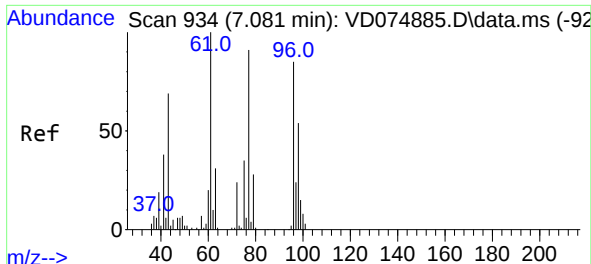
Tgt Ion: 77 Resp: 56053

Ion Ratio Lower Upper

77 100

97 24.1 12.5 37.5

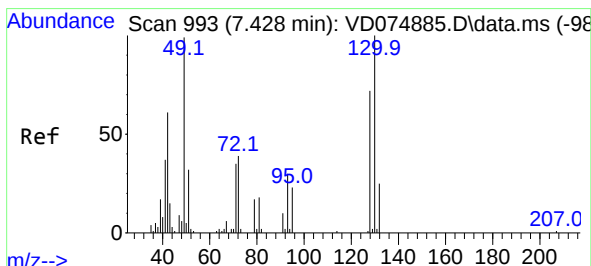
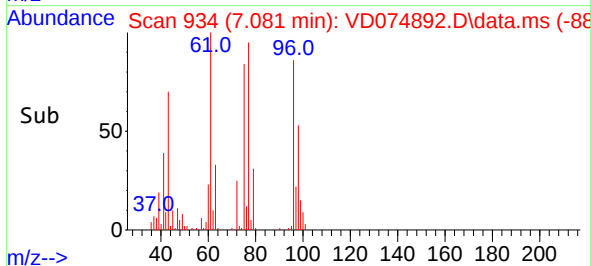
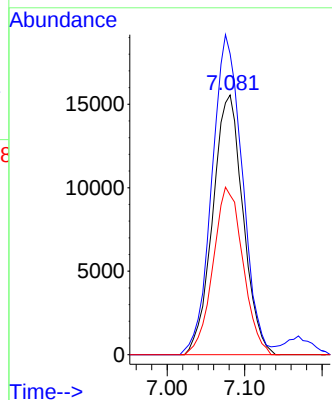
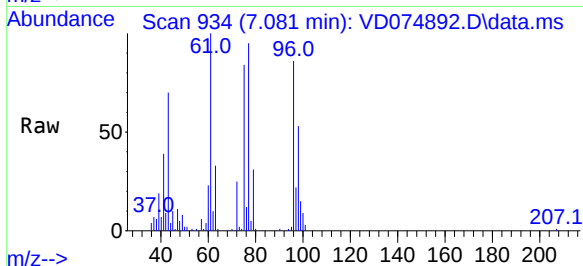




#27
 cis-1,2-Dichloroethene
 Concen: 20.178 ug/l
 RT: 7.081 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD074892.D
 Acq: 11 Nov 2022 15:37

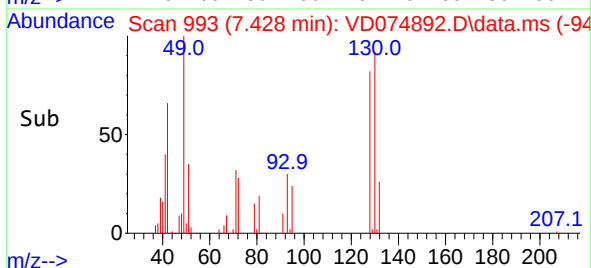
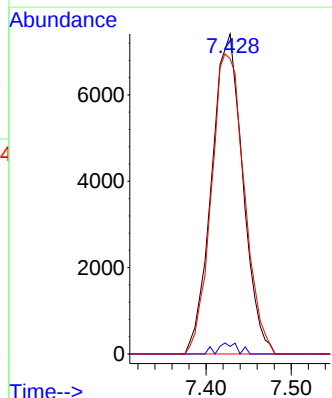
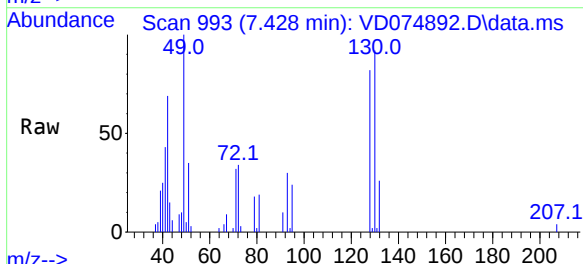
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

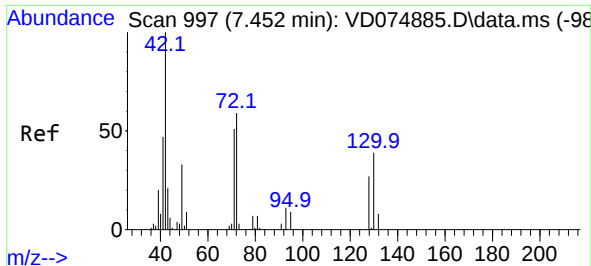
Tgt Ion:	96	Resp:	42351
Ion	Ratio	Lower	Upper
96	100		
61	123.5	0.0	242.4
98	63.8	0.0	130.0



#28
 Bromochloromethane
 Concen: 19.678 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD074892.D
 Acq: 11 Nov 2022 15:37

Tgt Ion:	49	Resp:	18857
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	98.5	84.1	126.1





#29

Tetrahydrofuran

Concen: 96.829 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.012 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

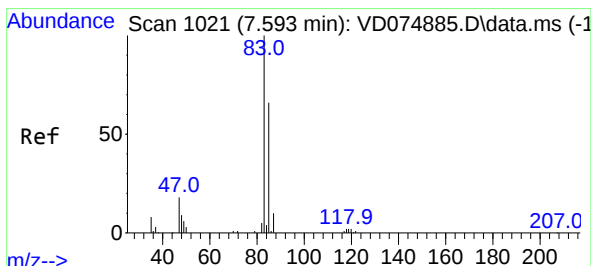
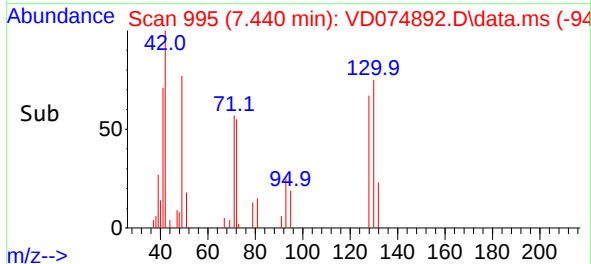
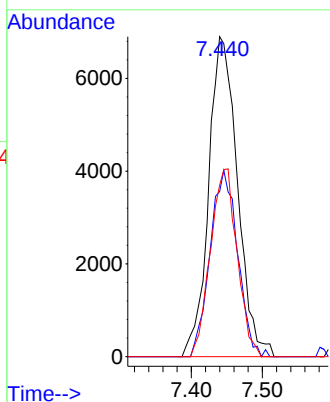
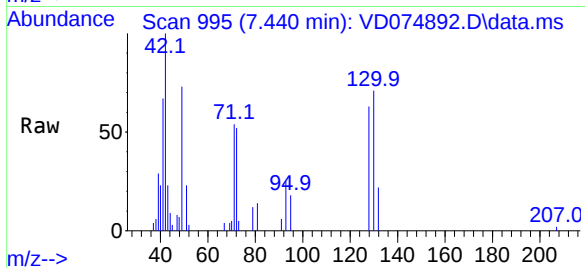
Tgt Ion: 42 Resp: 19437

Ion Ratio Lower Upper

42 100

72 55.7 45.8 68.6

71 54.4 44.6 66.8



#30

Chloroform

Concen: 20.081 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD074892.D

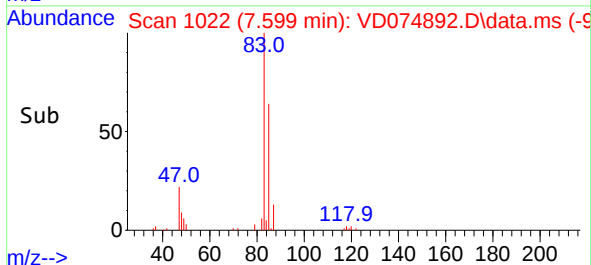
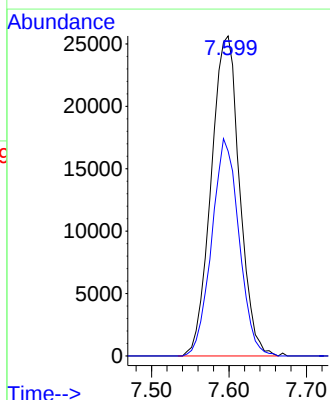
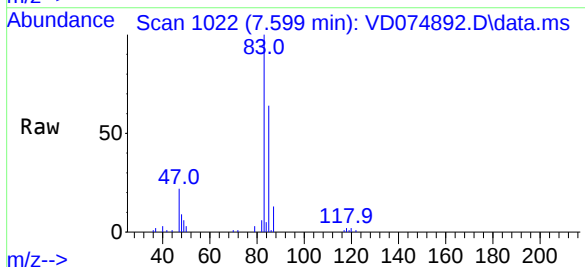
Acq: 11 Nov 2022 15:37

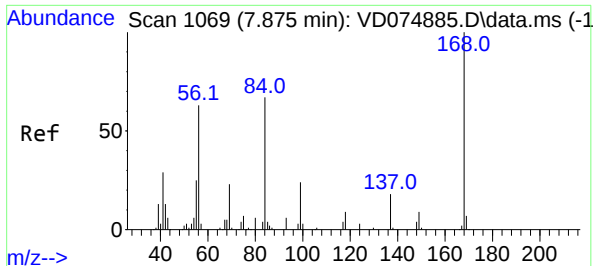
Tgt Ion: 83 Resp: 65323

Ion Ratio Lower Upper

83 100

85 64.0 52.0 78.0





#31

Cyclohexane

Concen: 19.087 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

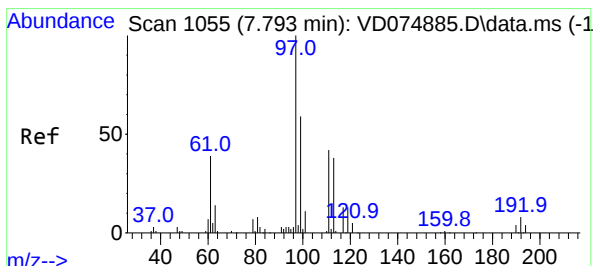
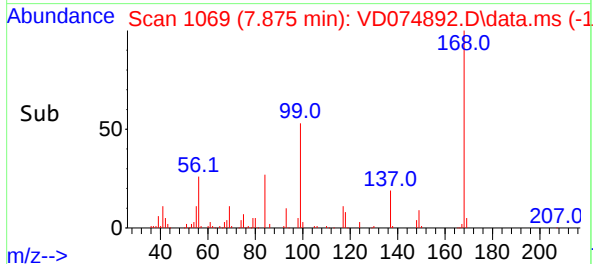
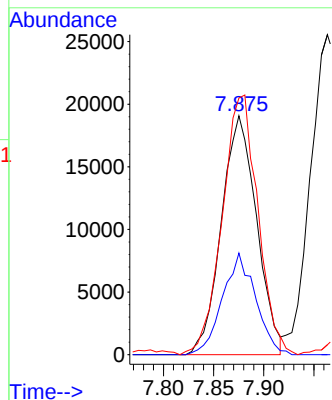
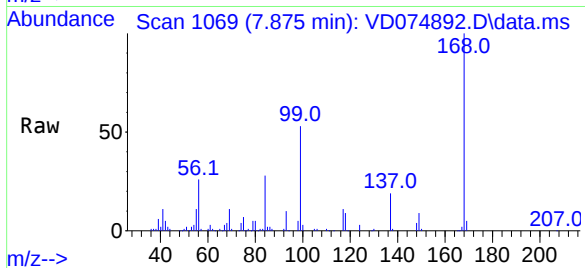
Tgt Ion: 56 Resp: 46747

Ion Ratio Lower Upper

56 100

69 42.5 29.2 43.8

84 107.4 83.4 125.2



#32

1,1,1-Trichloroethane

Concen: 20.701 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

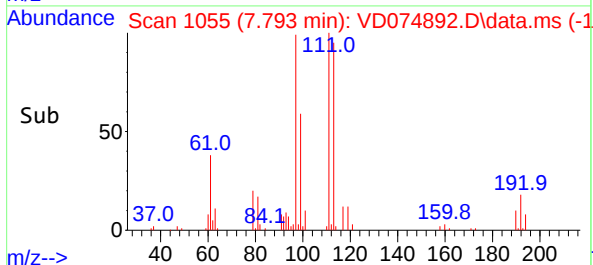
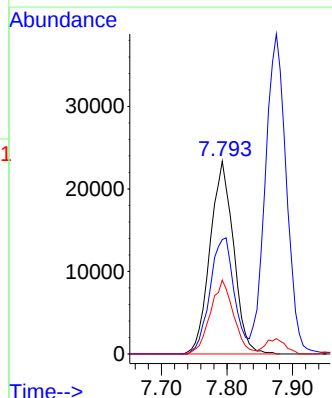
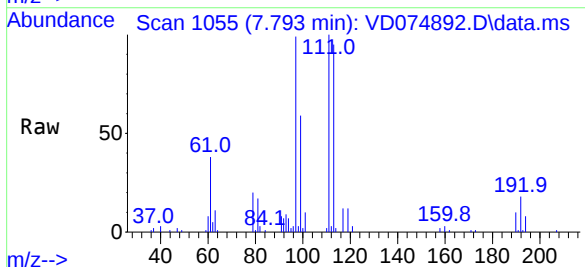
Tgt Ion: 97 Resp: 58033

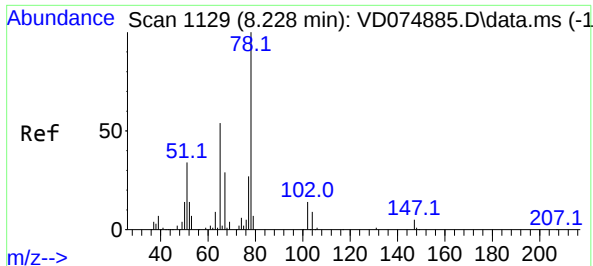
Ion Ratio Lower Upper

97 100

99 62.9 53.3 79.9

61 37.9 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 46.968 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

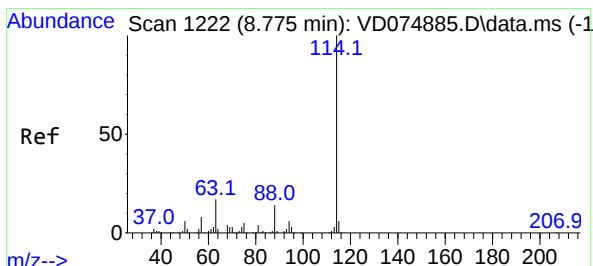
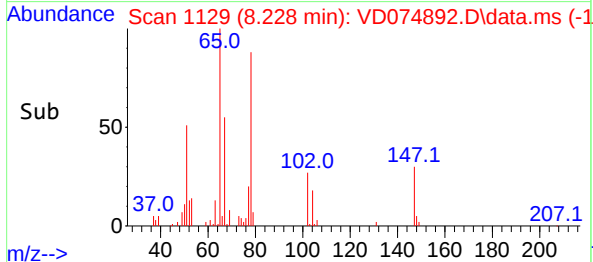
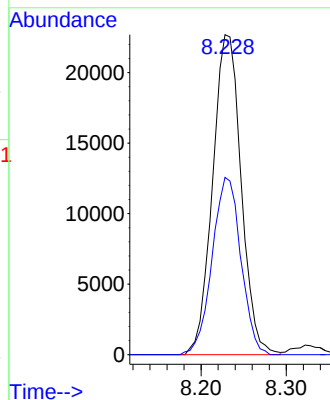
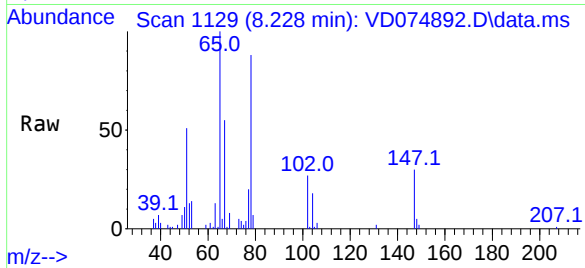
VD1111SBSD01

Tgt Ion: 65 Resp: 52828

Ion Ratio Lower Upper

65 100

67 55.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

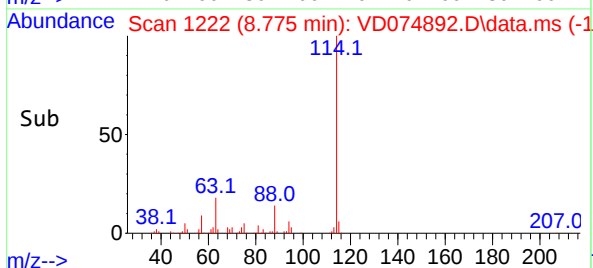
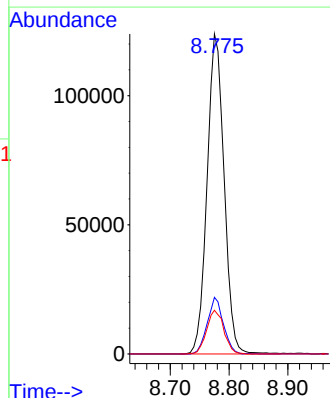
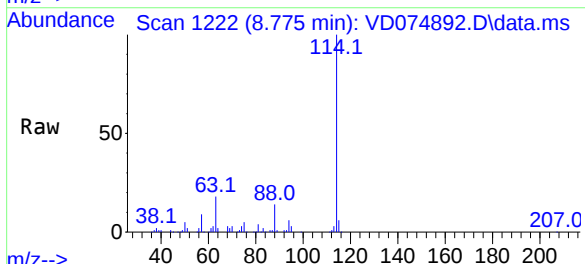
Tgt Ion: 114 Resp: 249162

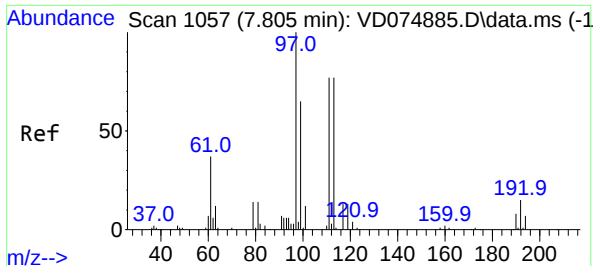
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.2

88 13.6 0.0 28.2





#35

Dibromofluoromethane

Concen: 48.998 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

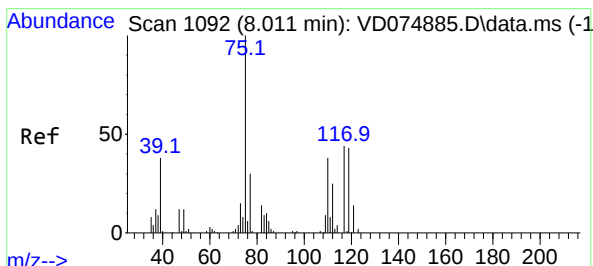
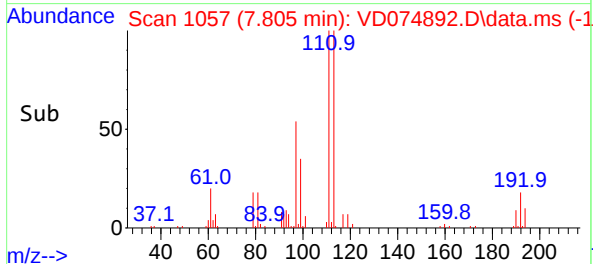
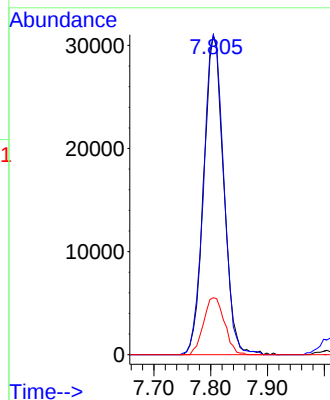
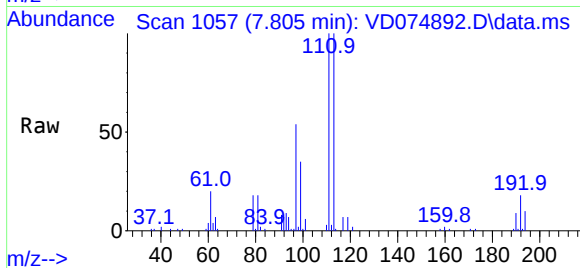
Tgt Ion:113 Resp: 75257

Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

192 18.7 16.4 24.6



#36

1,1-Dichloropropene

Concen: 21.032 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

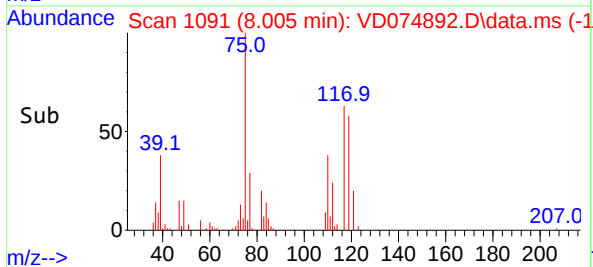
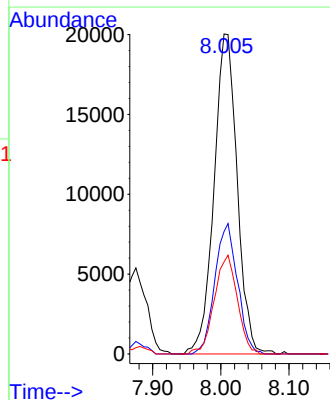
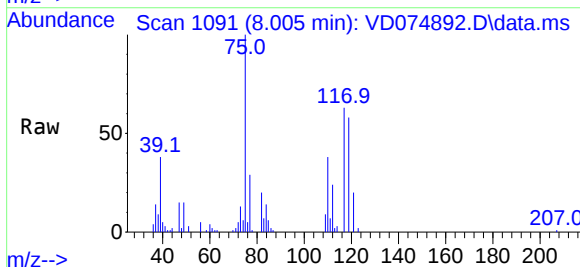
Tgt Ion: 75 Resp: 47475

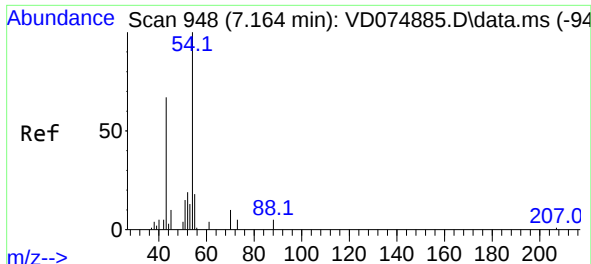
Ion Ratio Lower Upper

75 100

110 39.8 19.7 59.0

77 30.6 25.4 38.2

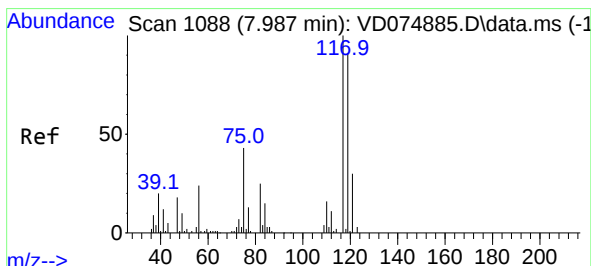
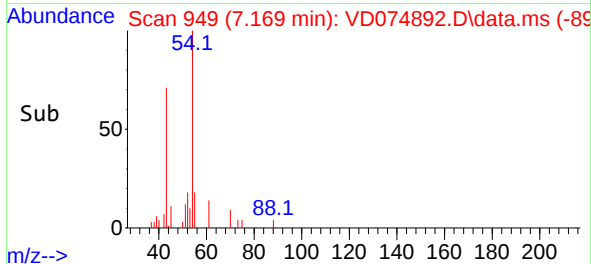
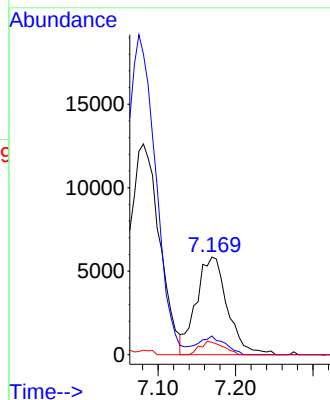
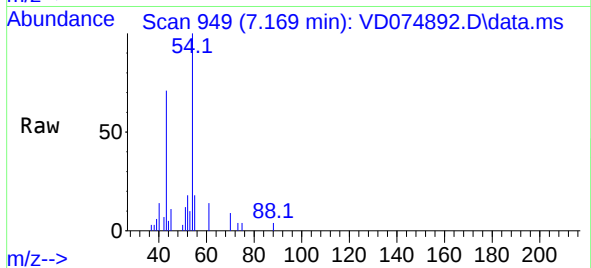




#37
Ethyl Acetate
Concen: 21.508 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.005 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

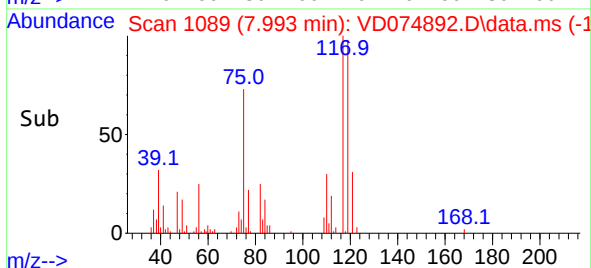
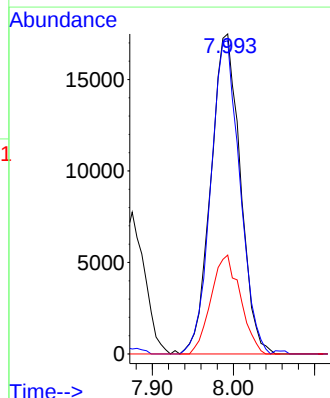
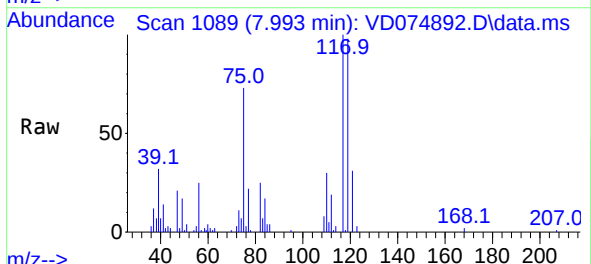
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

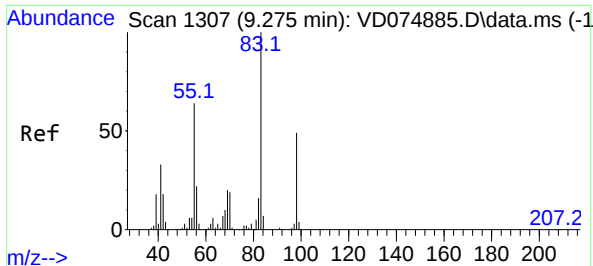
Tgt Ion: 43 Resp: 16291
Ion Ratio Lower Upper
43 100
61 15.9 12.2 18.4
70 10.2 9.6 14.4



#38
Carbon Tetrachloride
Concen: 20.673 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 117 Resp: 43925
Ion Ratio Lower Upper
117 100
119 97.9 73.1 109.7
121 30.9 25.0 37.6





#39

Methylcyclohexane

Concen: 20.537 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

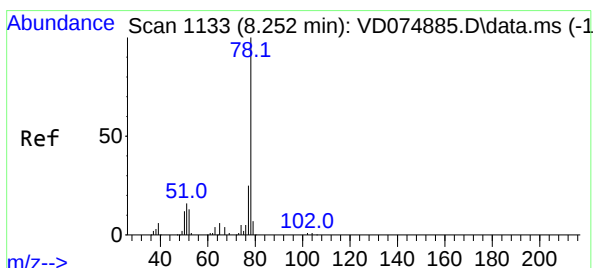
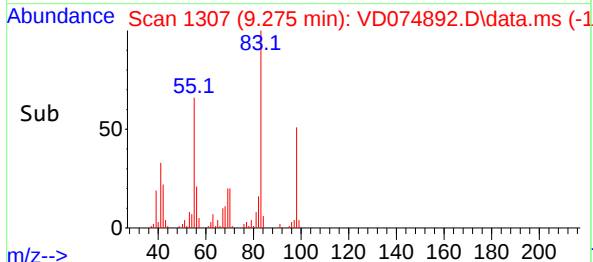
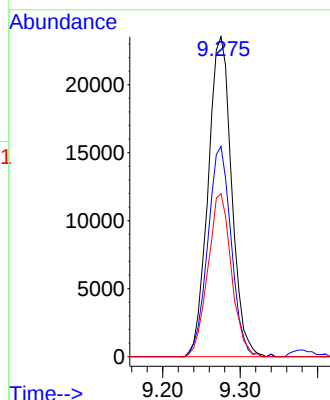
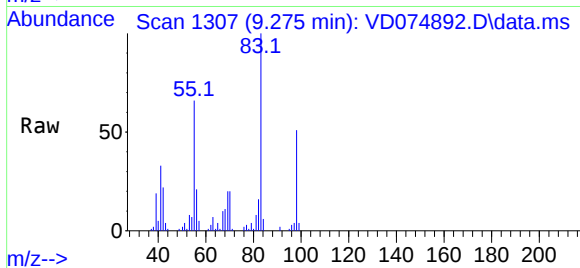
Tgt Ion: 83 Resp: 49662

Ion Ratio Lower Upper

83 100

55 65.7 49.0 73.4

98 50.9 41.7 62.5



#40

Benzene

Concen: 19.689 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074892.D

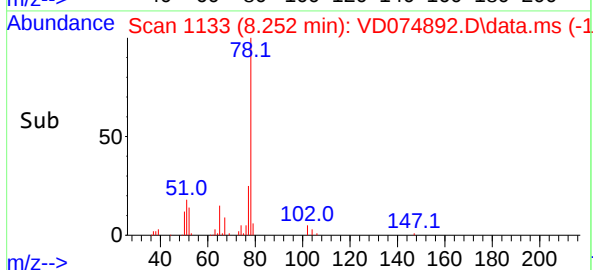
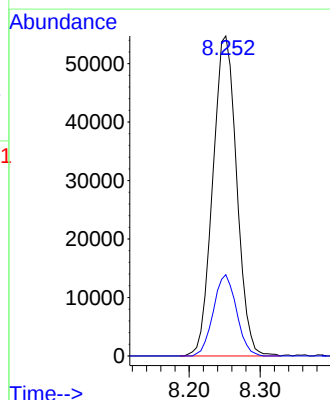
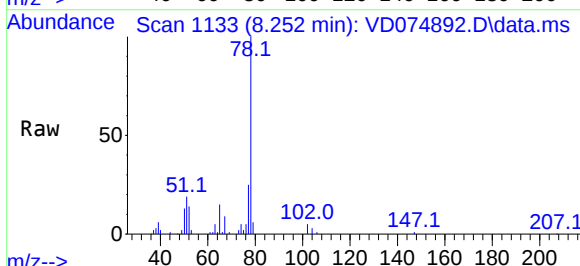
Acq: 11 Nov 2022 15:37

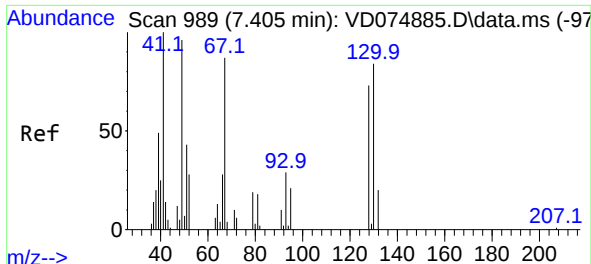
Tgt Ion: 78 Resp: 127798

Ion Ratio Lower Upper

78 100

77 25.4 20.1 30.1

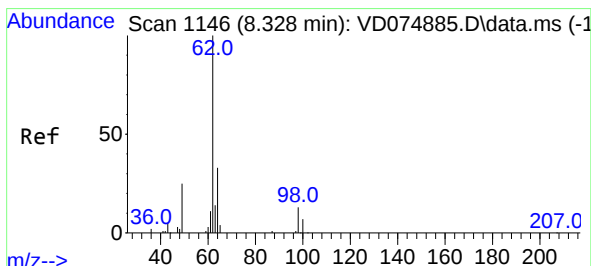
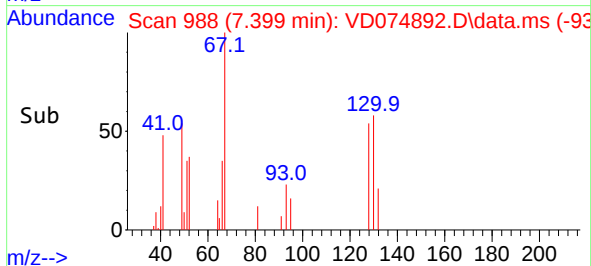
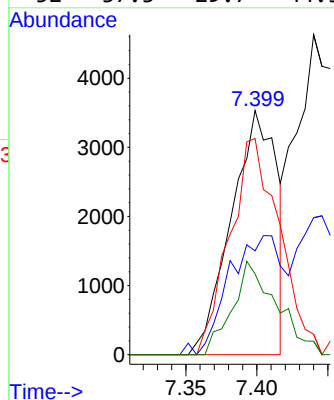
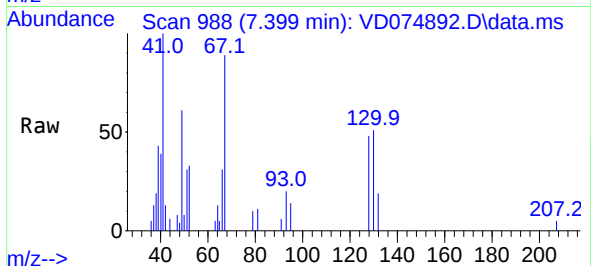




#41
Methacrylonitrile
Concen: 19.558 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

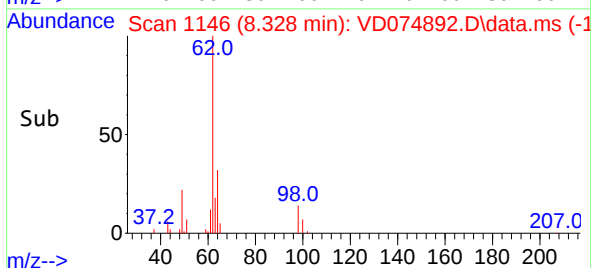
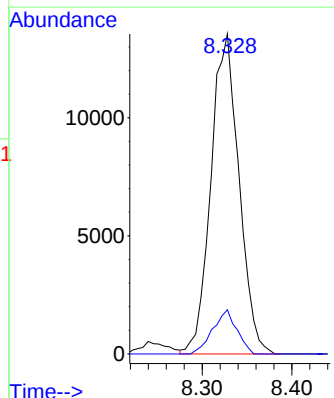
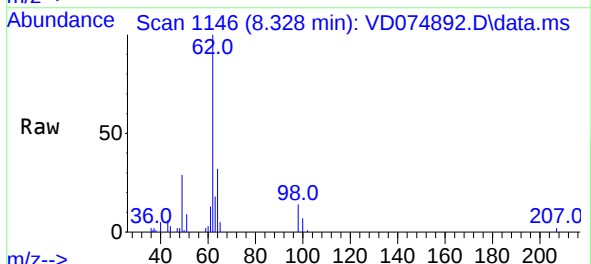
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

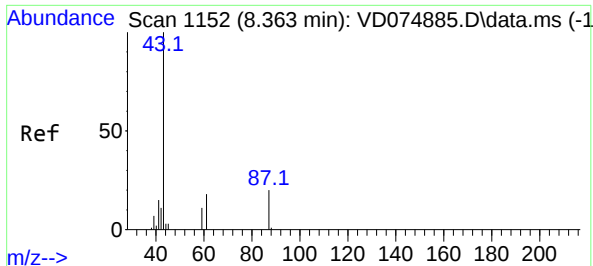
Tgt Ion: 41	Resp: 7857
Ion Ratio	Lower Upper
41 100	
39 58.7	35.0 52.6#
67 97.8	77.0 115.6
52 37.3	29.7 44.5



#42
1,2-Dichloroethane
Concen: 18.964 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 62	Resp: 29458
Ion Ratio	Lower Upper
62 100	
98 11.8	0.0 24.2

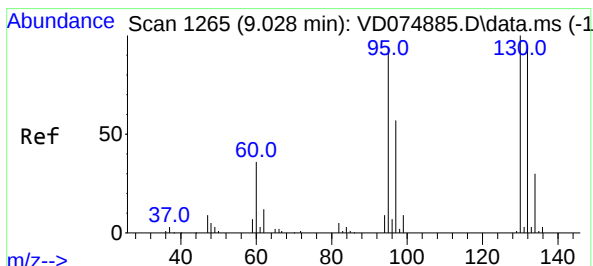
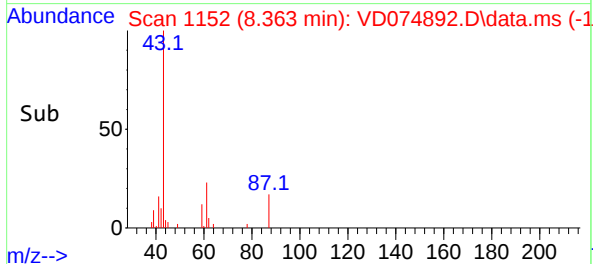
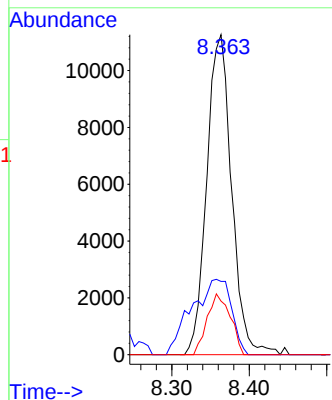
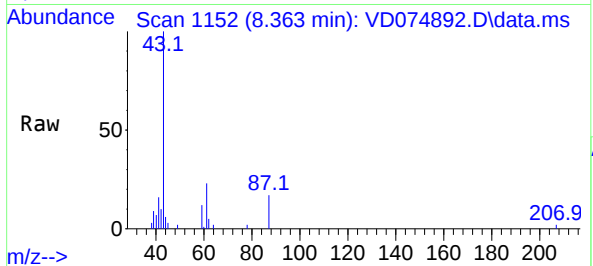




#43
Isopropyl Acetate
Concen: 18.842 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

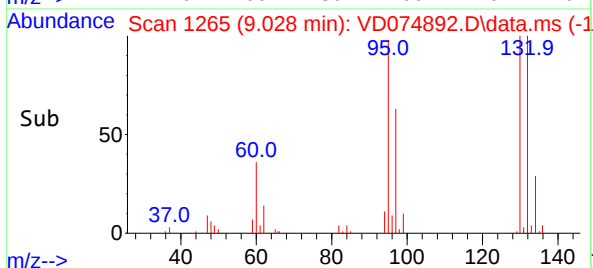
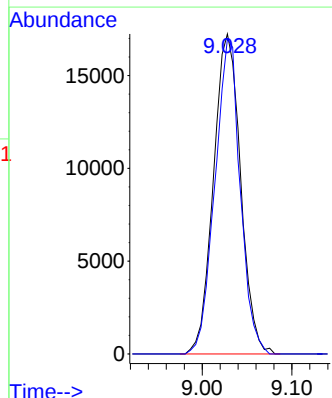
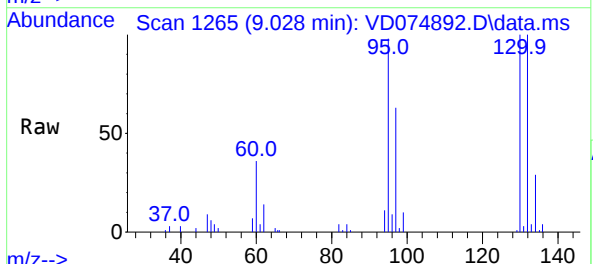
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

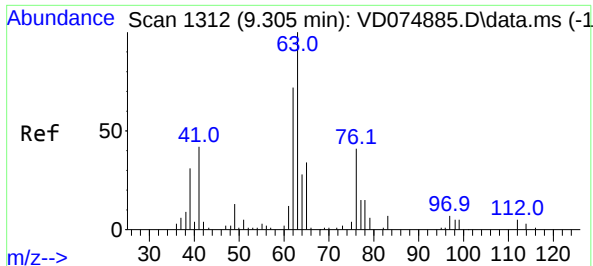
Tgt Ion: 43 Resp: 25136
Ion Ratio Lower Upper
43 100
61 37.5 30.9 46.3
87 17.7 14.3 21.5



#44
Trichloroethene
Concen: 21.044 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion:130 Resp: 36086
Ion Ratio Lower Upper
130 100
95 98.4 0.0 185.4





#45

1,2-Dichloropropane

Concen: 20.816 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

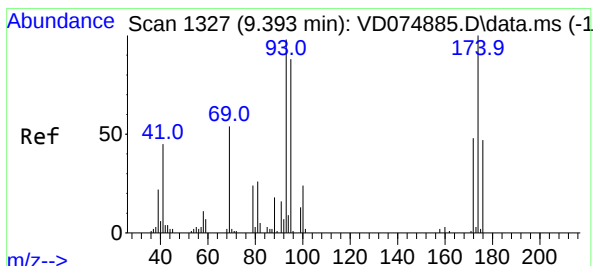
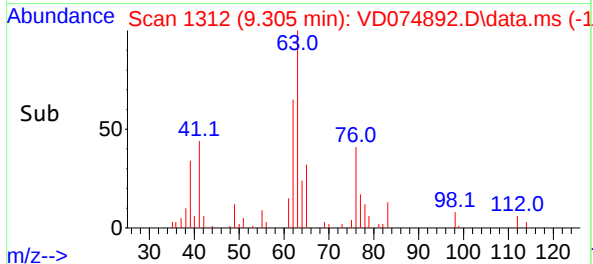
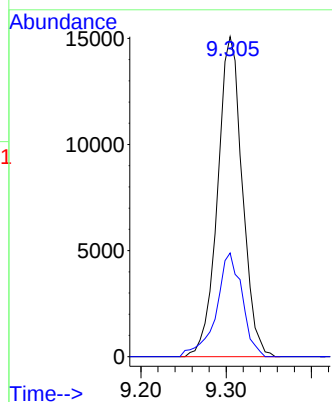
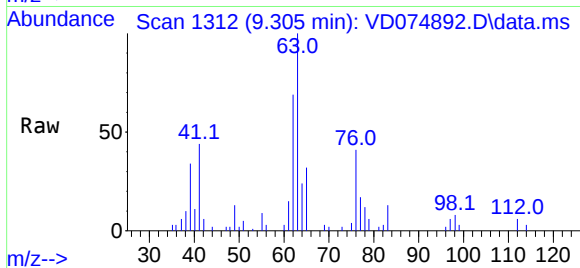
VD1111SBSD01

Tgt Ion: 63 Resp: 30359

Ion Ratio Lower Upper

63 100

65 32.4 23.1 34.7



#46

Dibromomethane

Concen: 21.053 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

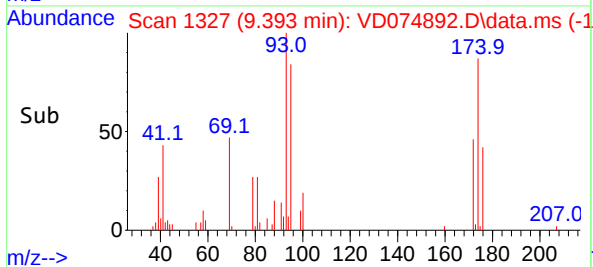
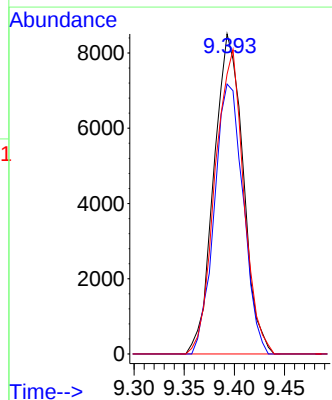
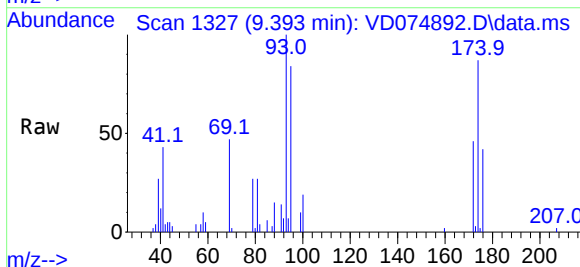
Tgt Ion: 93 Resp: 17195

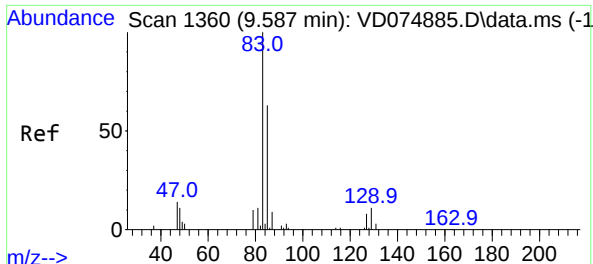
Ion Ratio Lower Upper

93 100

95 83.3 68.2 102.2

174 93.3 87.4 131.0

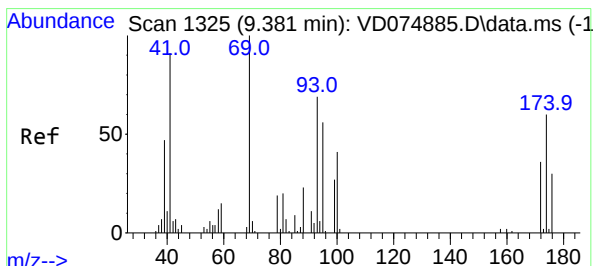
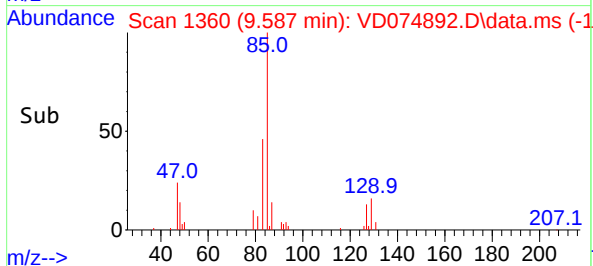
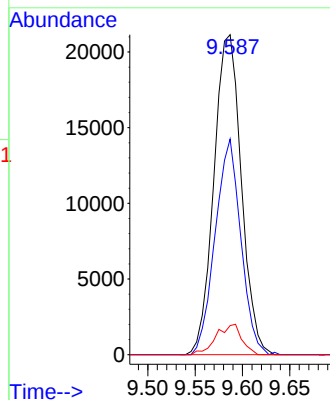
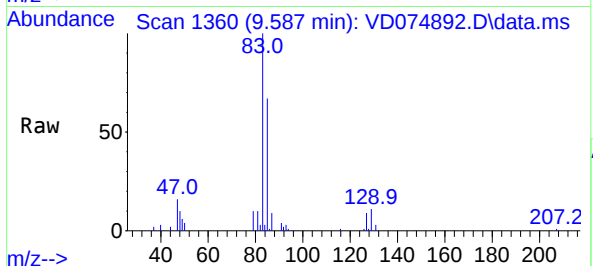




#47
Bromodichloromethane
Concen: 21.030 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

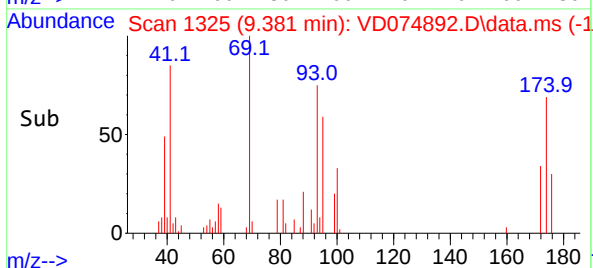
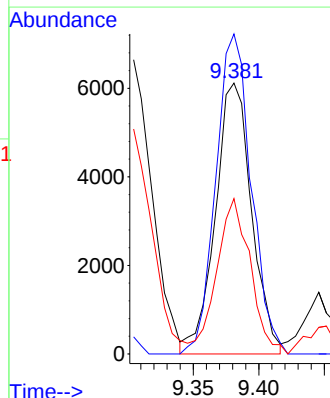
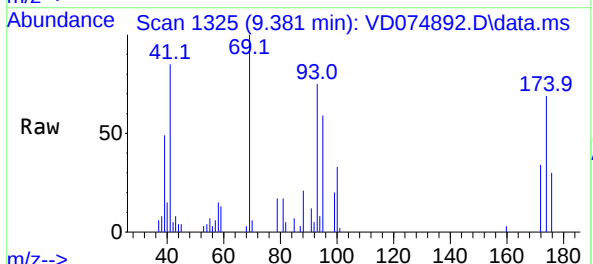
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

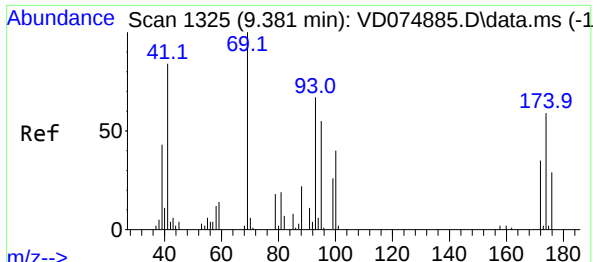
Tgt Ion: 83 Resp: 42629
Ion Ratio Lower Upper
83 100
85 67.4 48.8 73.2
127 9.1 6.7 10.1



#48
Methyl methacrylate
Concen: 19.917 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 41 Resp: 11770
Ion Ratio Lower Upper
41 100
69 115.0 93.0 139.4
39 53.1 44.6 66.8

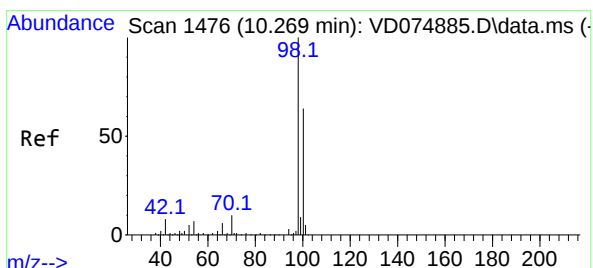
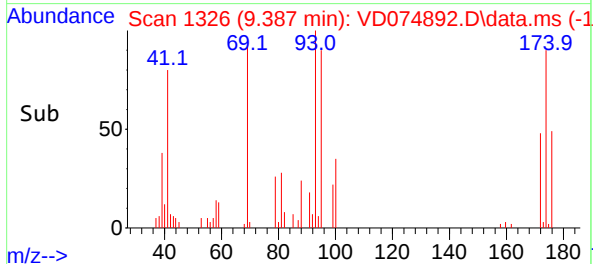
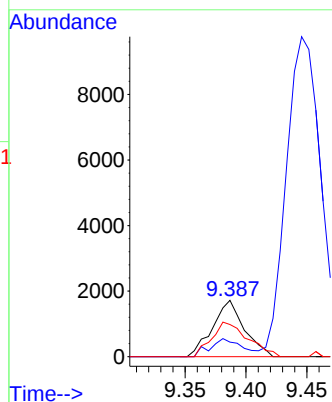
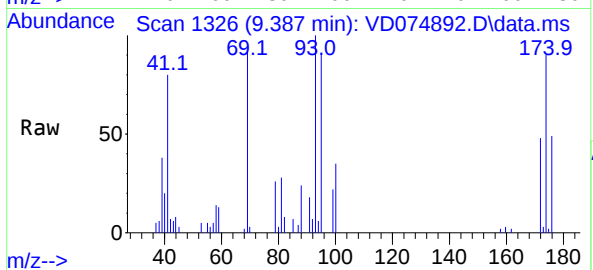




#49
1,4-Dioxane
Concen: 388.419 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

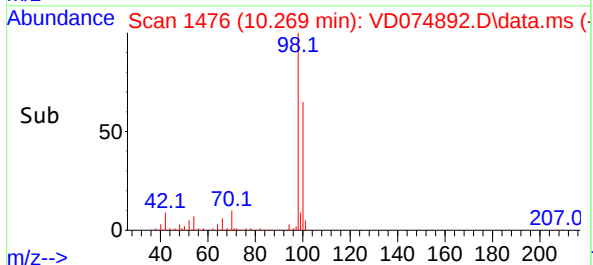
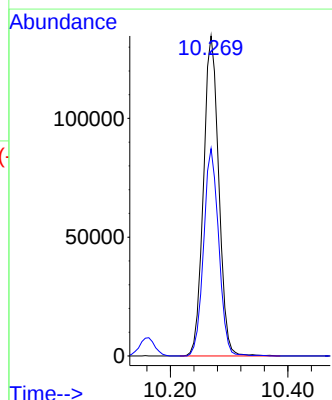
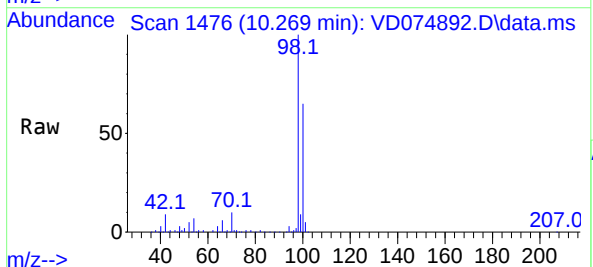
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

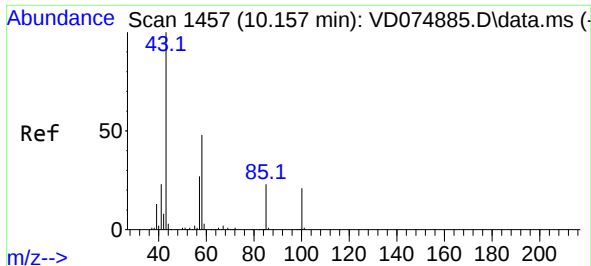
Tgt Ion: 88 Resp: 3113
Ion Ratio Lower Upper
88 100
43 33.0 24.1 36.1
58 69.7 43.1 64.7#



#50
Toluene-d8
Concen: 48.106 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 98 Resp: 243387
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

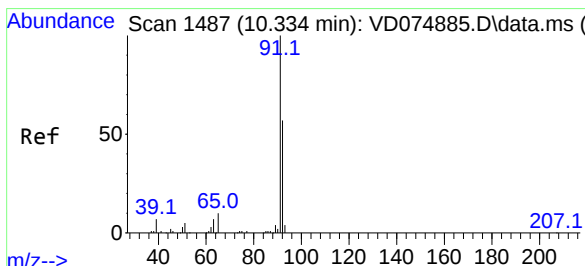
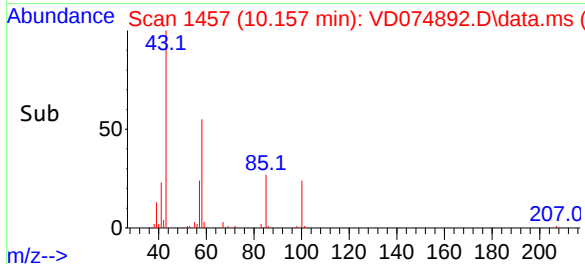
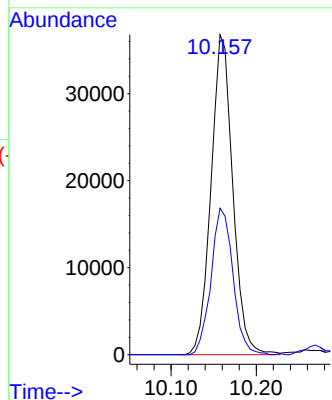
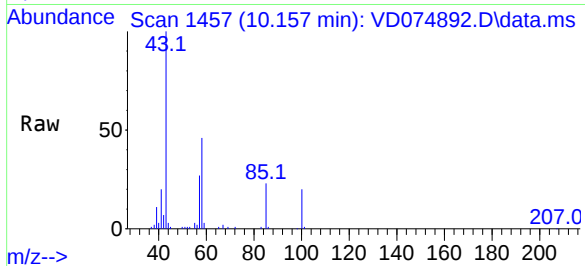




#51
4-Methyl-2-Pentanone
Concen: 102.400 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

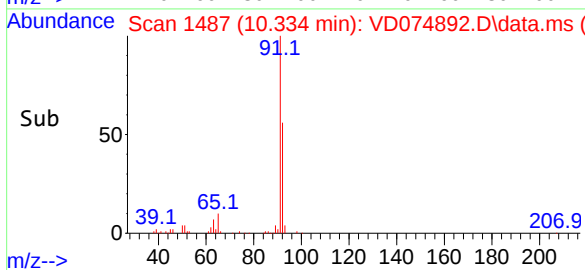
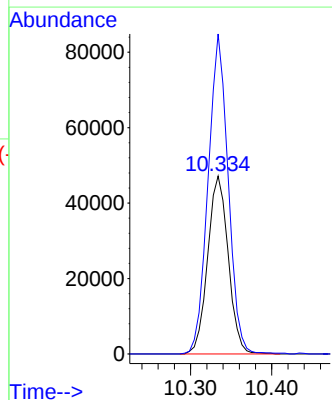
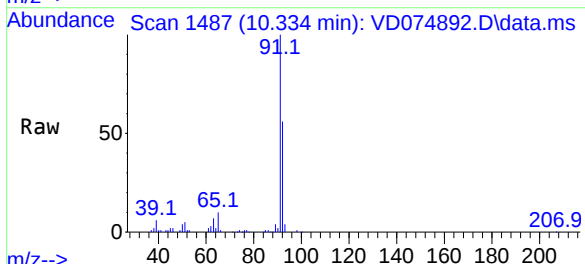
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

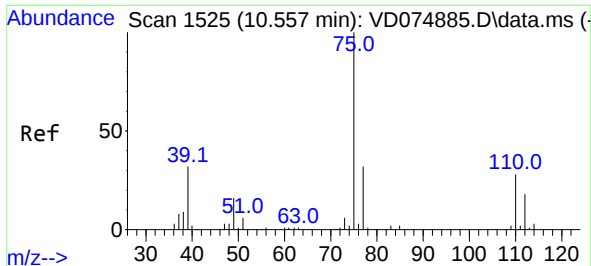
Tgt Ion: 43 Resp: 65125
Ion Ratio Lower Upper
43 100
58 46.2 37.8 56.6



#52
Toluene
Concen: 21.360 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 92 Resp: 82893
Ion Ratio Lower Upper
92 100
91 175.7 139.0 208.4

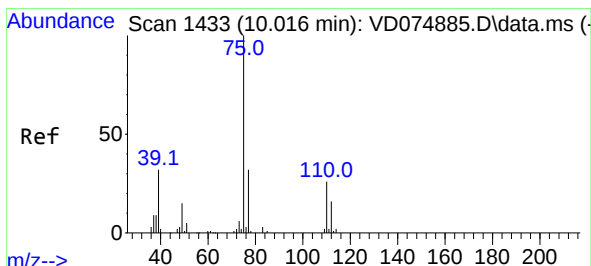
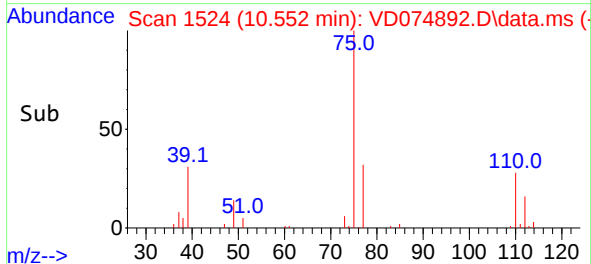
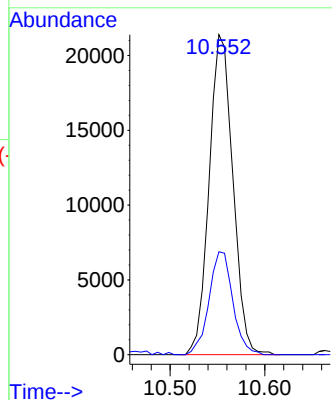
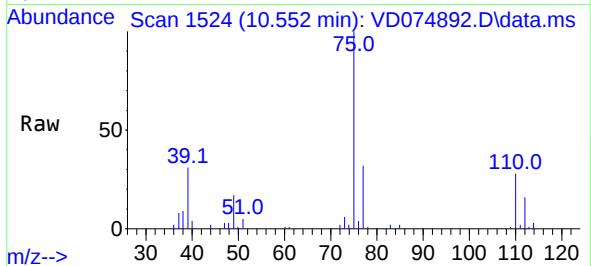




#53
t-1,3-Dichloropropene
Concen: 20.771 ug/l
RT: 10.552 min Scan# 111
Delta R.T. -0.005 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

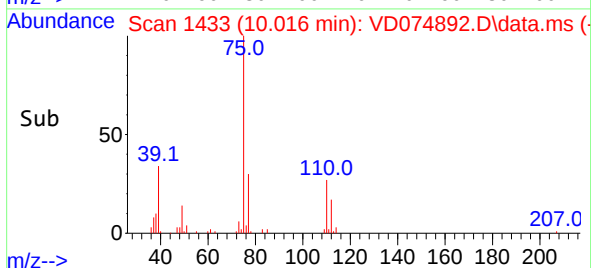
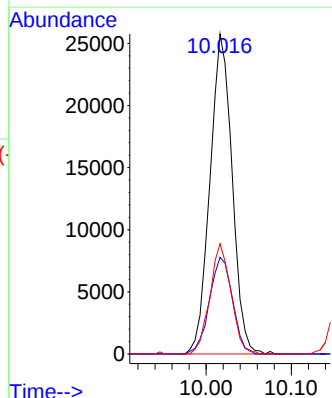
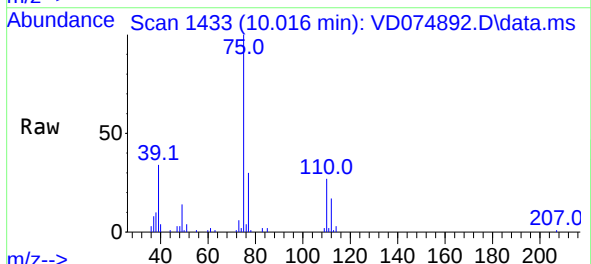
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

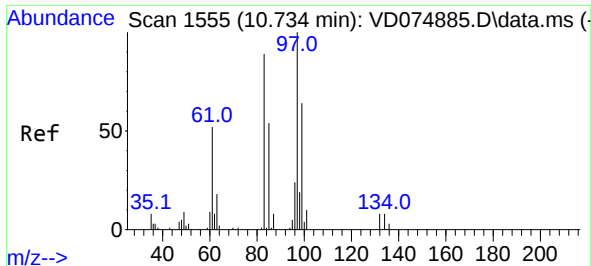
Tgt Ion: 75 Resp: 37194
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 21.209 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 75 Resp: 46574
Ion Ratio Lower Upper
75 100
77 30.2 24.7 37.1
39 34.5 25.4 38.2

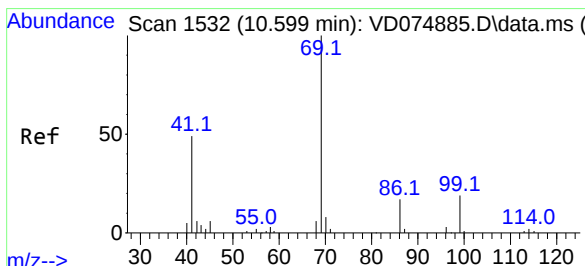
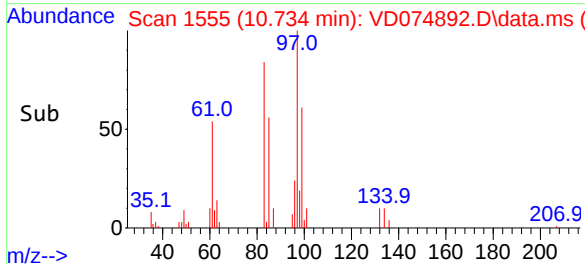
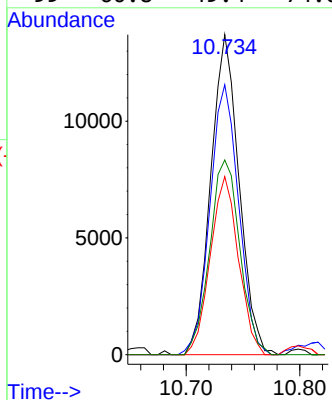
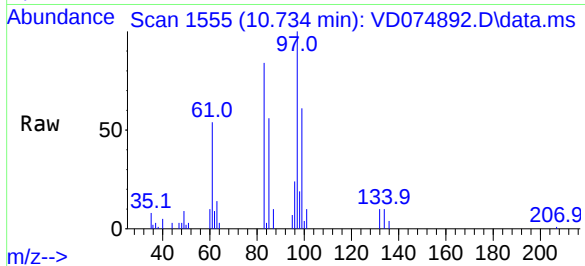




#55
1,1,2-Trichloroethane
Concen: 20.849 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

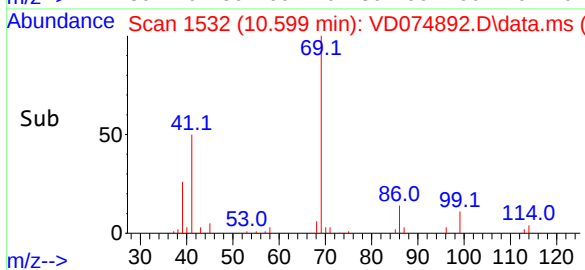
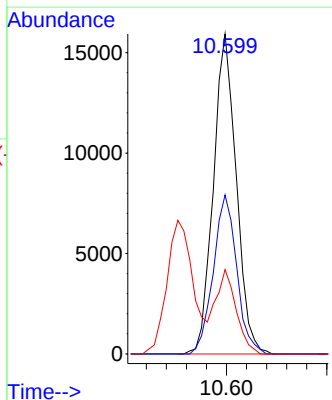
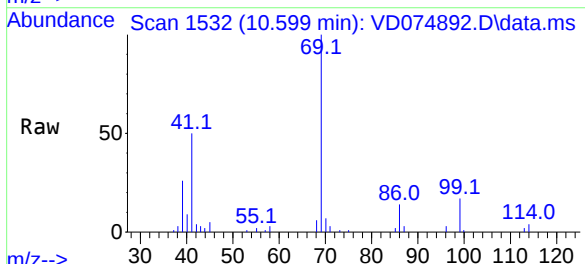
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

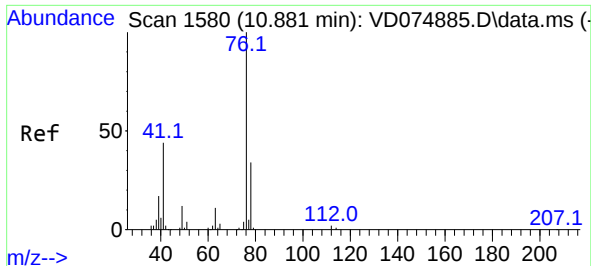
Tgt Ion: 97	Resp: 23678
Ion Ratio	Lower Upper
97 100	
83 84.4	64.8 97.2
85 55.6	44.8 67.2
99 60.8	49.4 74.0



#56
Ethyl methacrylate
Concen: 20.113 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 69	Resp: 25206
Ion Ratio	Lower Upper
69 100	
41 50.8	38.6 58.0
39 23.7	19.9 29.9





#57

1,3-Dichloropropane

Concen: 20.849 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

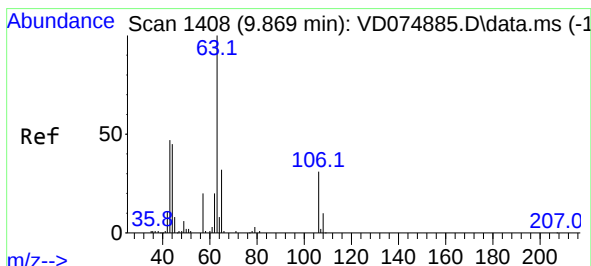
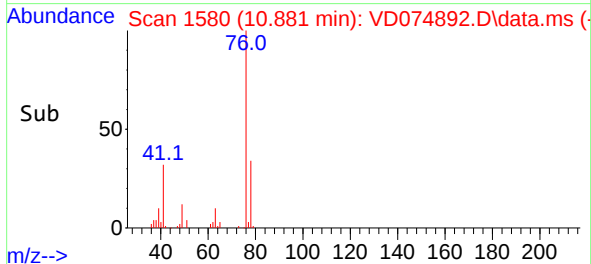
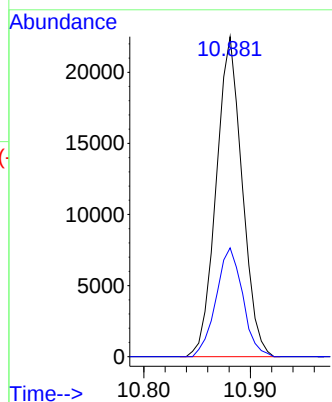
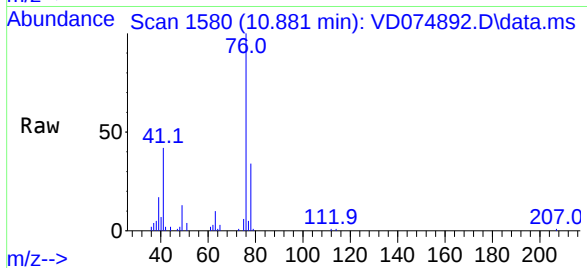
VD1111SBSD01

Tgt Ion: 76 Resp: 38066

Ion Ratio Lower Upper

76 100

78 34.9 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 95.016 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074892.D

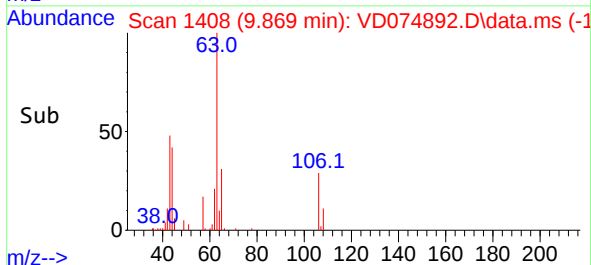
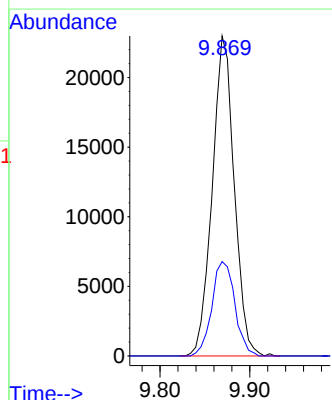
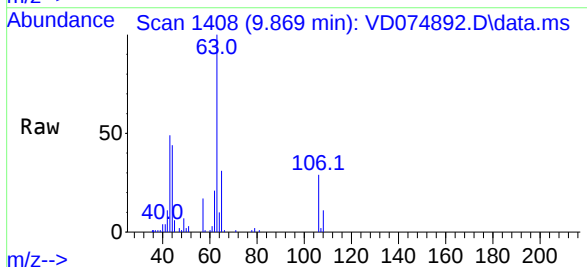
Acq: 11 Nov 2022 15:37

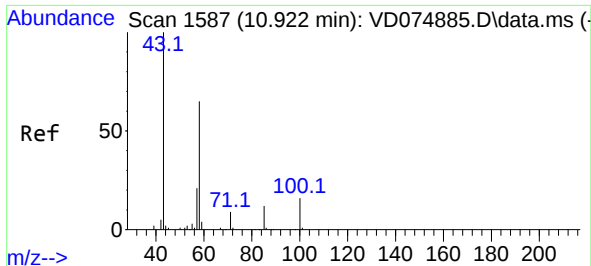
Tgt Ion: 63 Resp: 39055

Ion Ratio Lower Upper

63 100

106 30.8 26.5 39.7

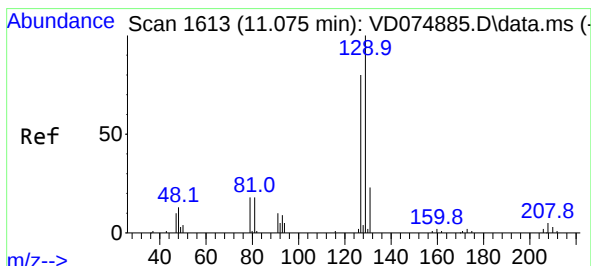
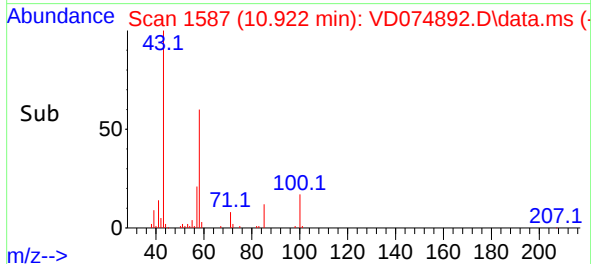
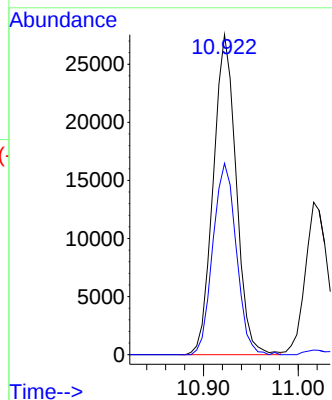
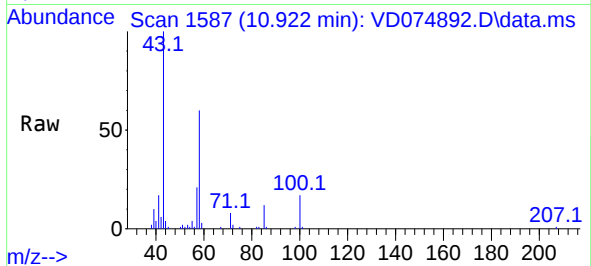




#59
2-Hexanone
Concen: 104.362 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

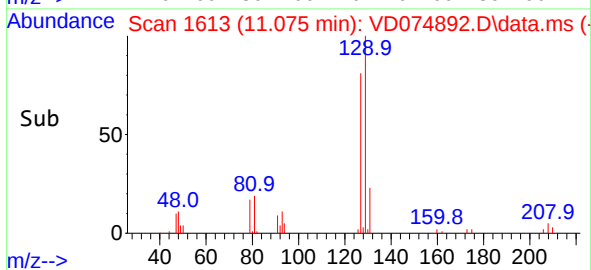
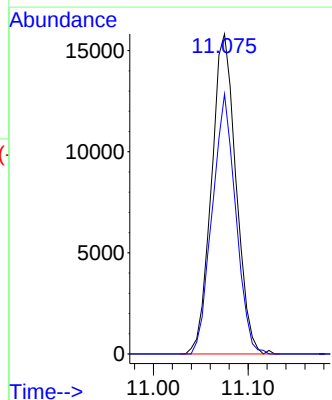
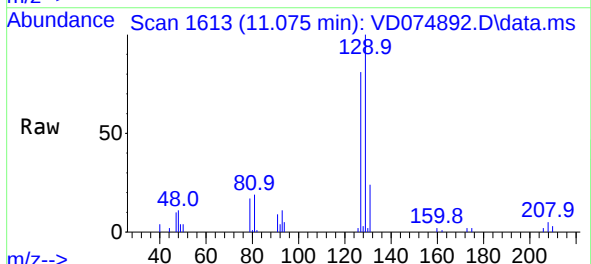
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

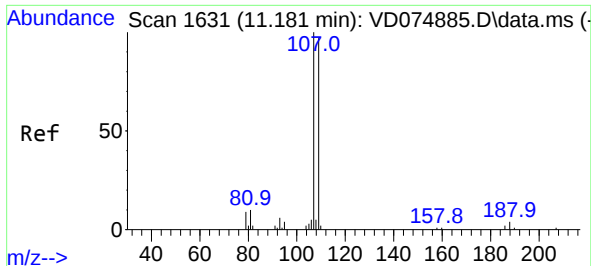
Tgt Ion: 43 Resp: 46270
Ion Ratio Lower Upper
43 100
58 61.1 32.0 96.2



#60
Dibromochloromethane
Concen: 21.049 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 129 Resp: 28359
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2

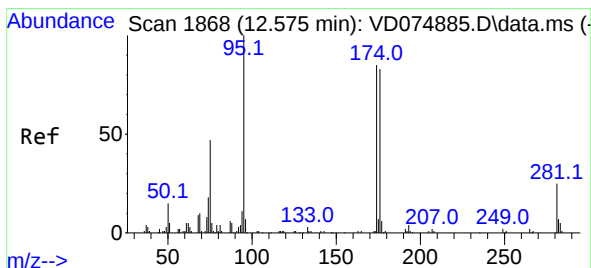
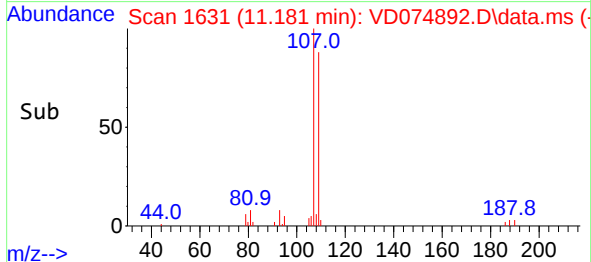
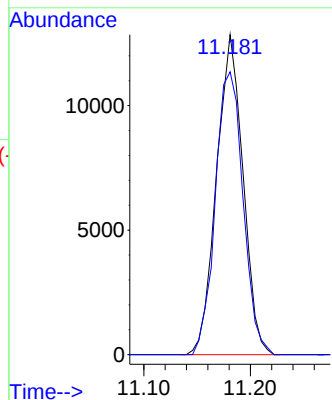
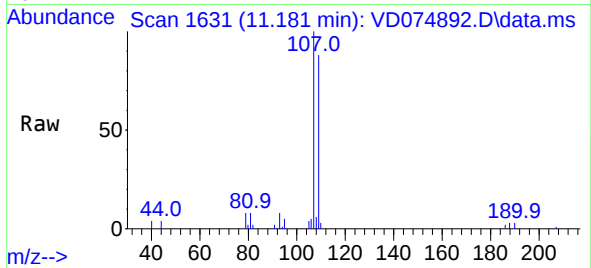




#61
1,2-Dibromoethane
Concen: 20.873 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

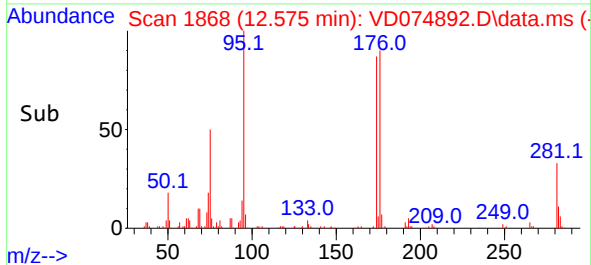
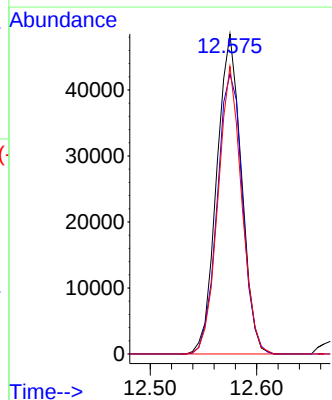
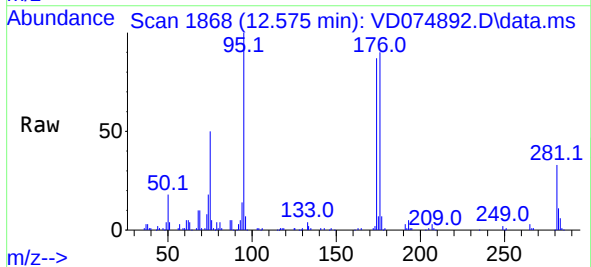
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

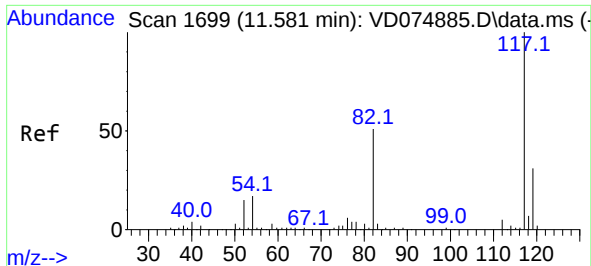
Tgt Ion:107 Resp: 22170
Ion Ratio Lower Upper
107 100
109 92.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.131 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 95 Resp: 77881
Ion Ratio Lower Upper
95 100
174 89.8 0.0 197.0
176 86.1 0.0 182.6

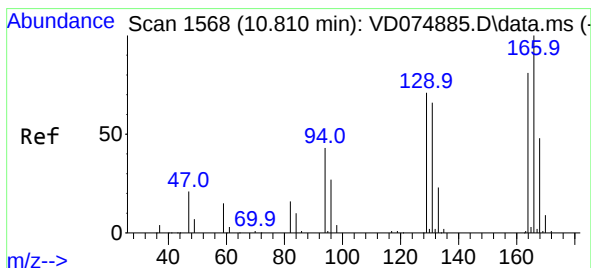
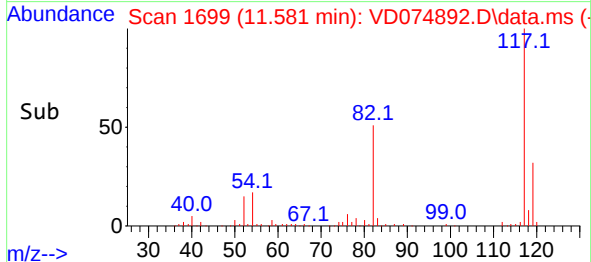
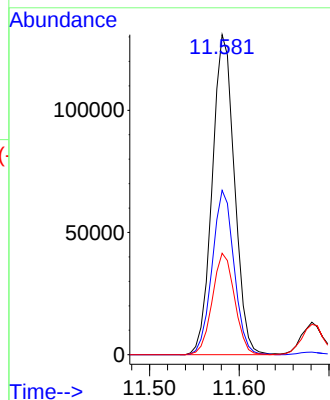
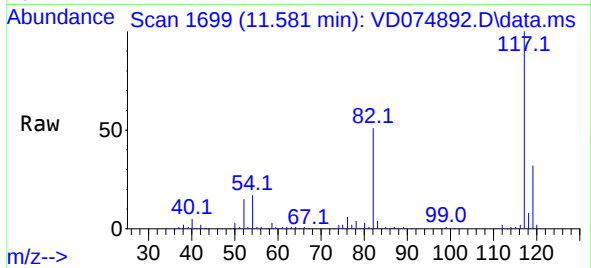




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

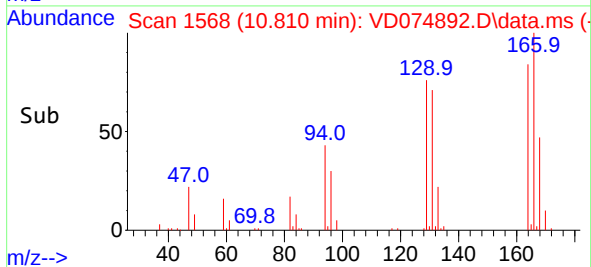
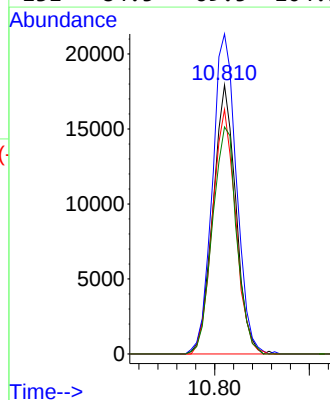
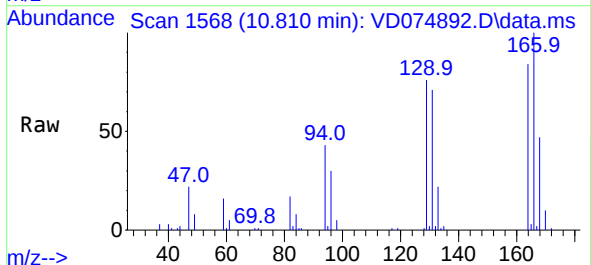
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

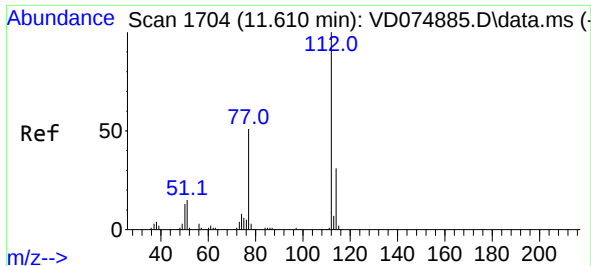
Tgt Ion:117 Resp: 225191
Ion Ratio Lower Upper
117 100
82 51.3 41.6 62.4
119 31.7 25.2 37.8



#64
Tetrachloroethene
Concen: 20.001 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion:164 Resp: 30198
Ion Ratio Lower Upper
164 100
166 119.0 107.8 161.8
129 90.9 77.4 116.2
131 84.5 69.5 104.3

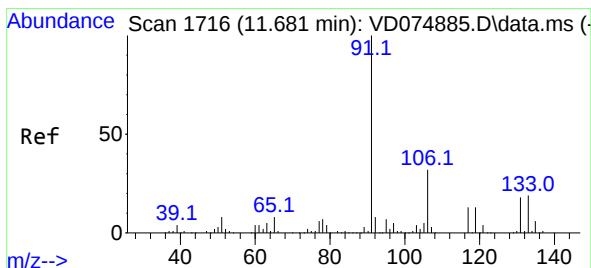
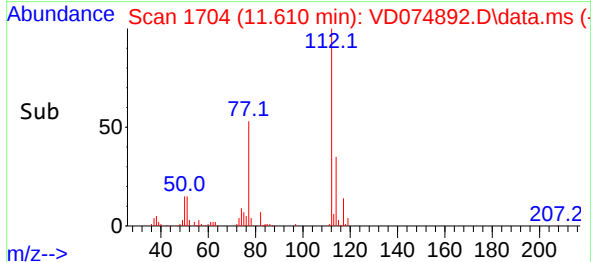
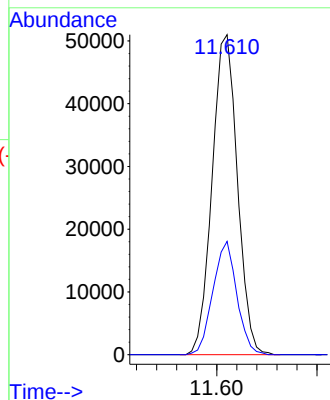
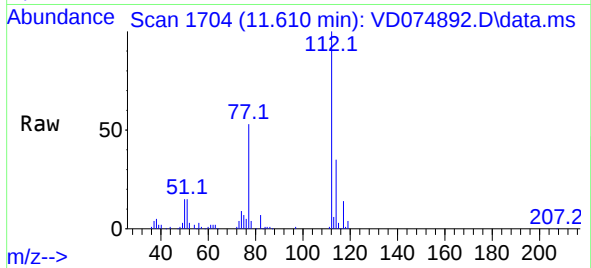




#65
Chlorobenzene
Concen: 20.239 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

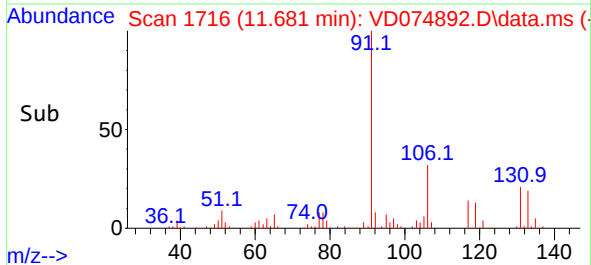
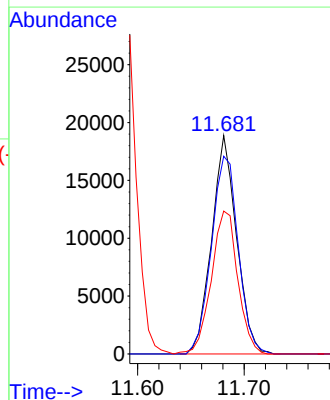
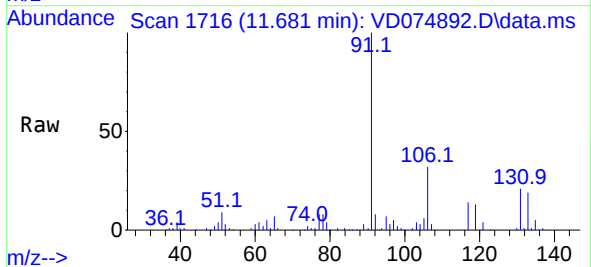
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

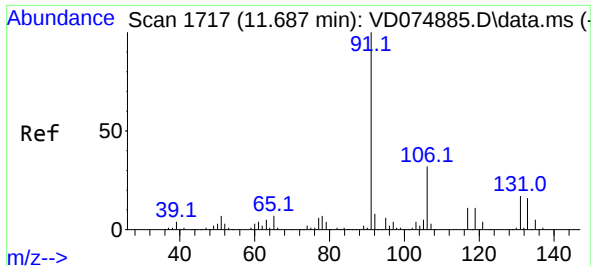
Tgt Ion:112 Resp: 89161
Ion Ratio Lower Upper
112 100
114 35.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.813 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion:131 Resp: 30581
Ion Ratio Lower Upper
131 100
133 97.9 46.6 139.8
119 69.5 32.5 97.4

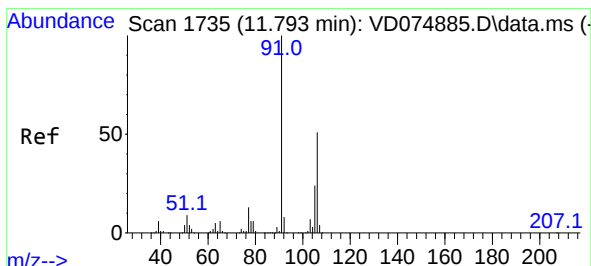
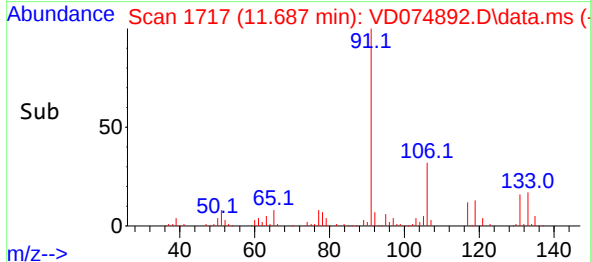
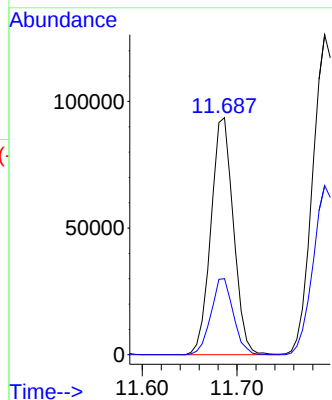
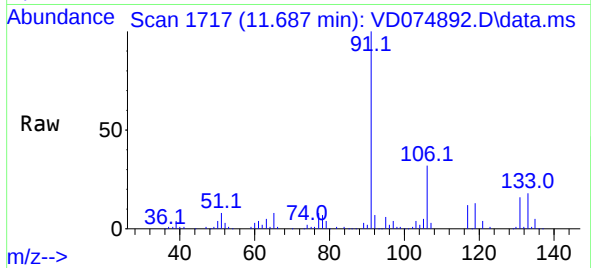




#67
Ethyl Benzene
Concen: 20.121 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

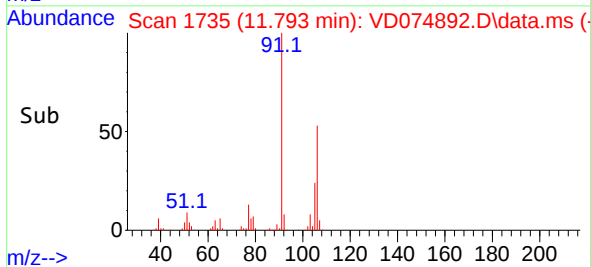
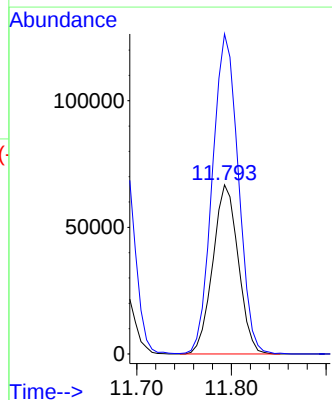
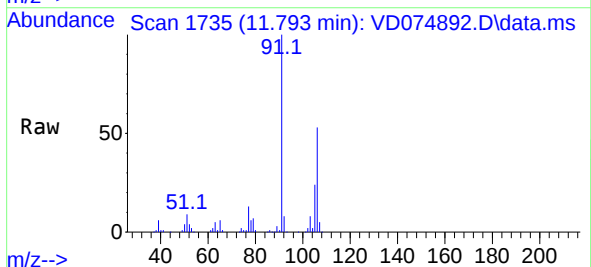
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

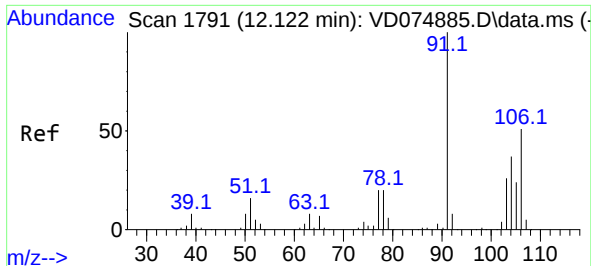
Tgt Ion: 91 Resp: 154425
Ion Ratio Lower Upper
91 100
106 32.1 26.6 40.0



#68
m/p-Xylenes
Concen: 40.681 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 106 Resp: 124485
Ion Ratio Lower Upper
106 100
91 193.3 156.2 234.4

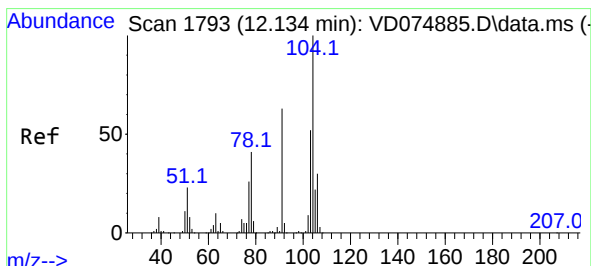
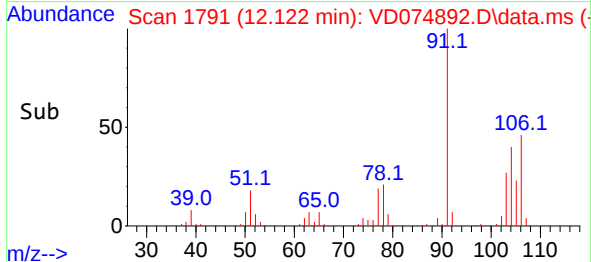
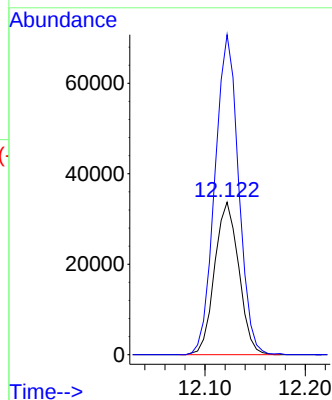
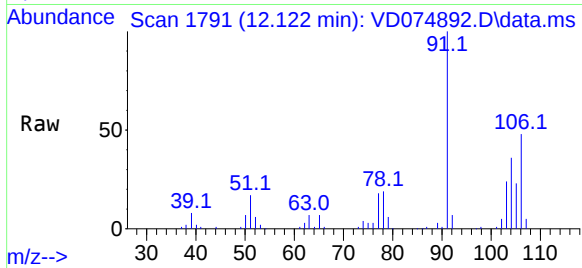




#69
o-Xylene
Concen: 20.047 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

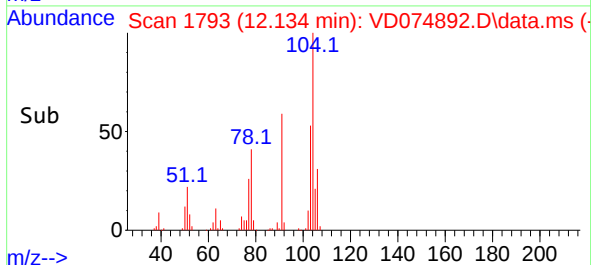
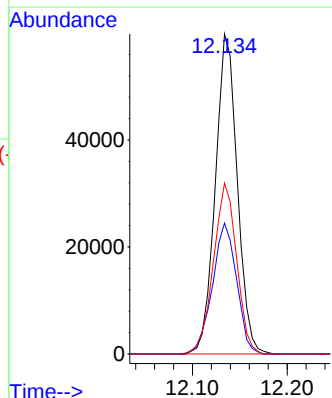
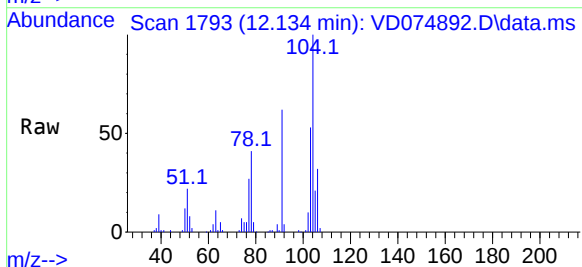
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

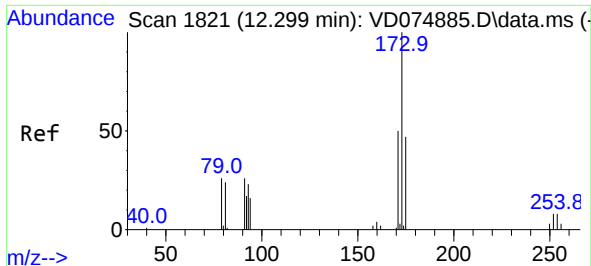
Tgt Ion:106 Resp: 56438
Ion Ratio Lower Upper
106 100
91 206.0 104.5 313.3



#70
Styrene
Concen: 19.966 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion:104 Resp: 96355
Ion Ratio Lower Upper
104 100
78 44.8 35.7 53.5
103 56.5 43.7 65.5

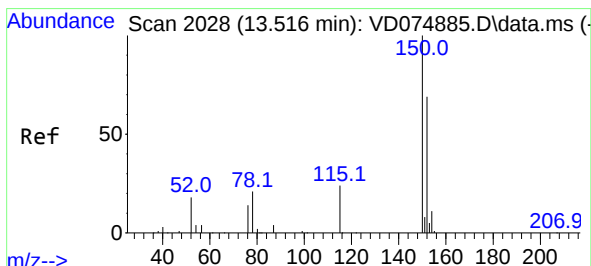
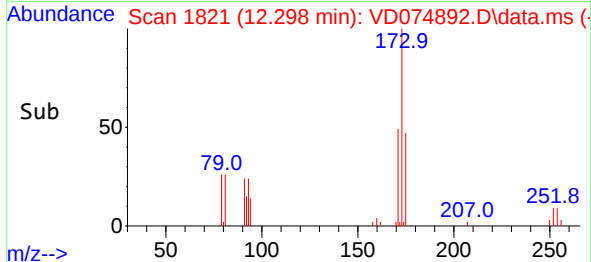
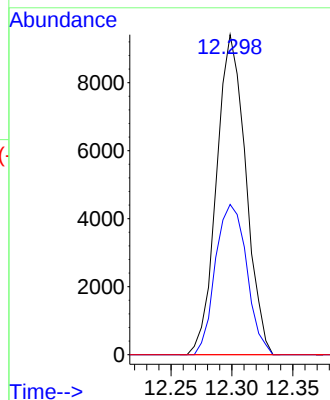
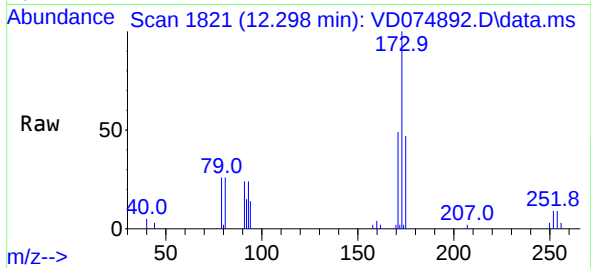




#71
Bromoform
Concen: 19.704 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.001 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

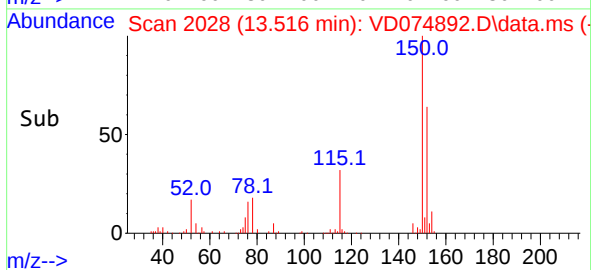
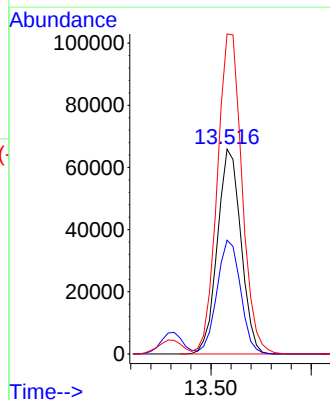
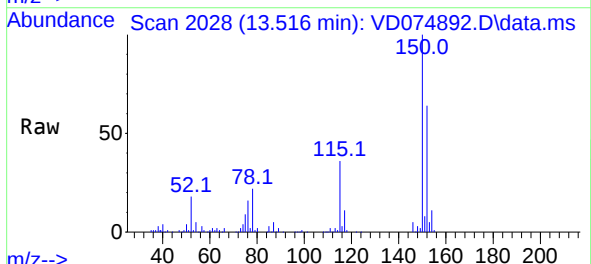
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

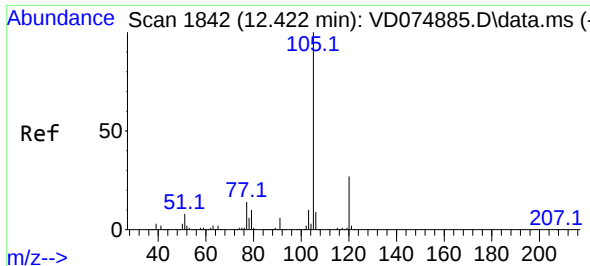
Tgt Ion:173 Resp: 15740
Ion Ratio Lower Upper
173 100
175 50.2 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion:152 Resp: 107429
Ion Ratio Lower Upper
152 100
115 55.6 26.8 80.4
150 164.1 0.0 348.2

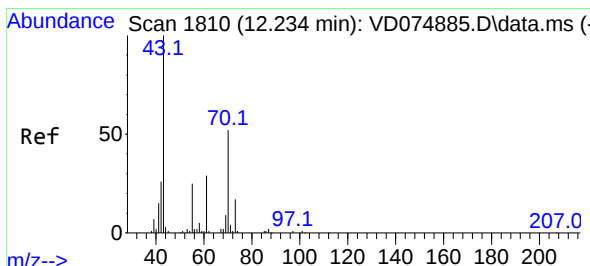
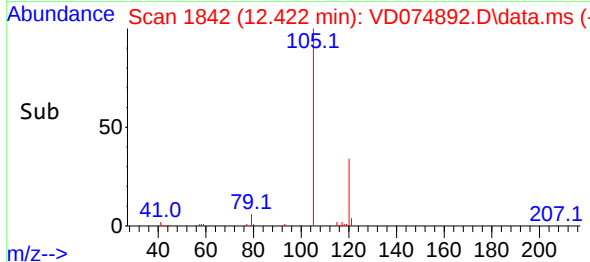
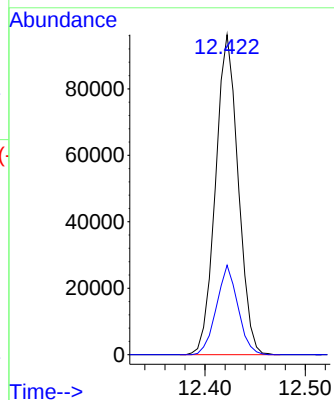
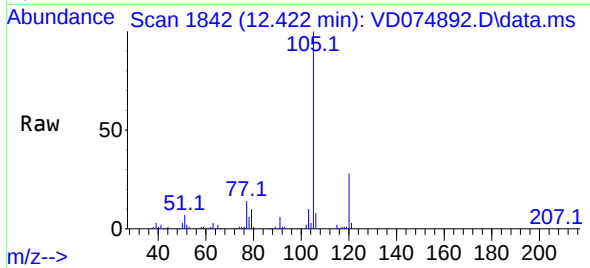




#73
Isopropylbenzene
Concen: 20.352 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

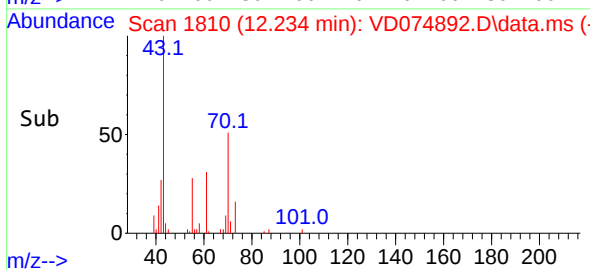
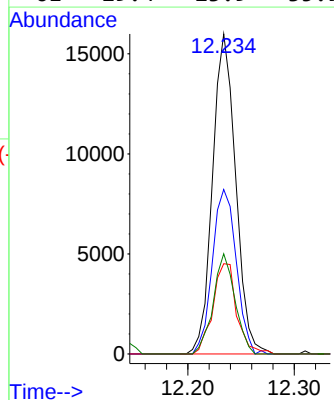
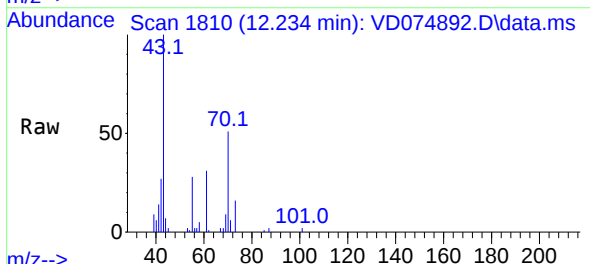
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

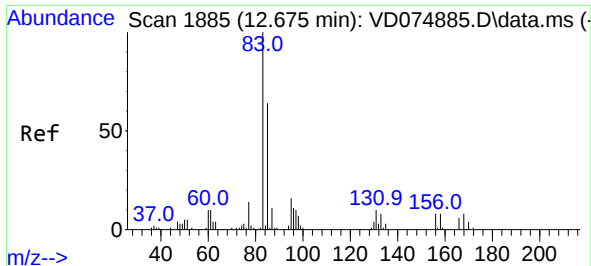
Tgt Ion:105 Resp: 150486
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4



#74
N-ethyl acetate
Concen: 19.825 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 43 Resp: 24119
Ion Ratio Lower Upper
43 100
70 53.2 43.8 65.6
55 29.1 22.0 33.0
61 29.4 23.9 35.9

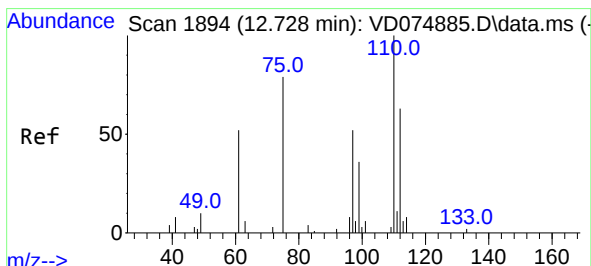
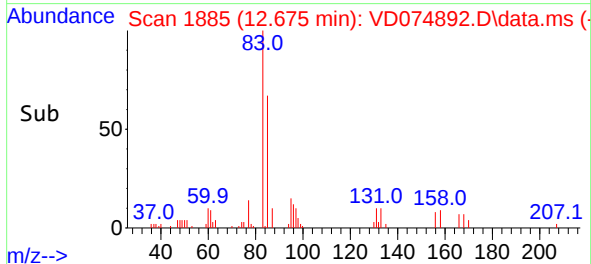
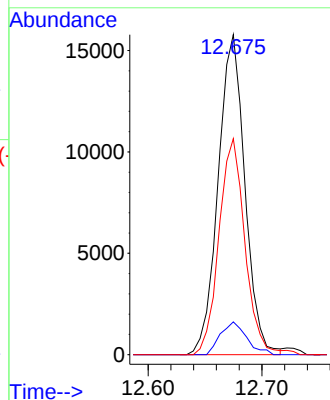
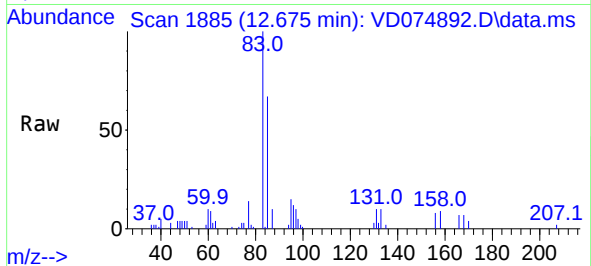




#75
1,1,2,2-Tetrachloroethane
Concen: 19.736 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

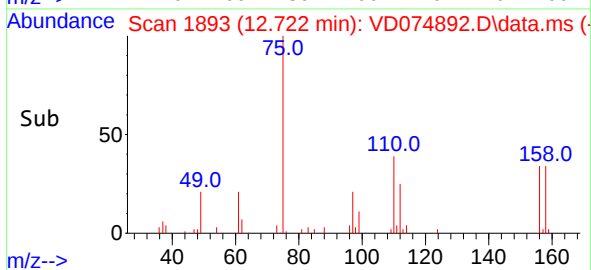
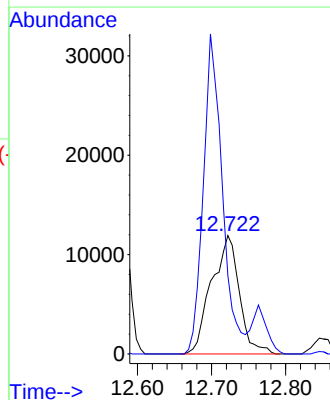
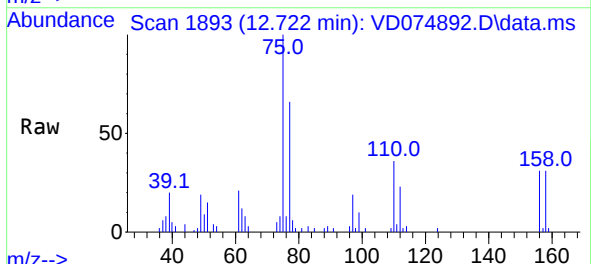
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

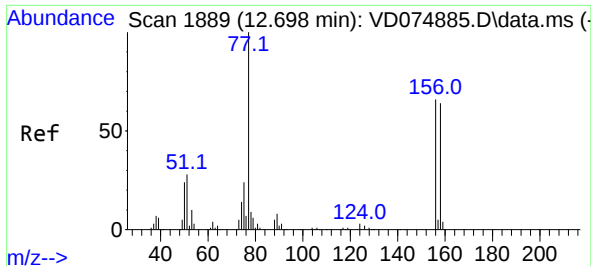
Tgt Ion: 83 Resp: 25814
Ion Ratio Lower Upper
83 100
131 10.0 4.7 14.1
85 65.8 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 34.532 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 75 Resp: 31028
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

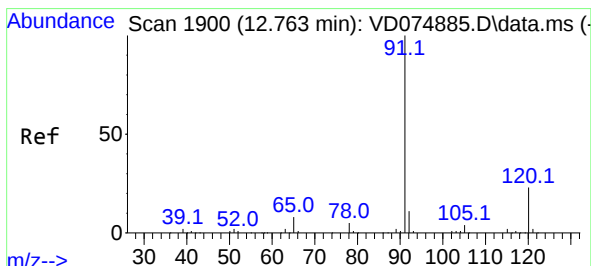
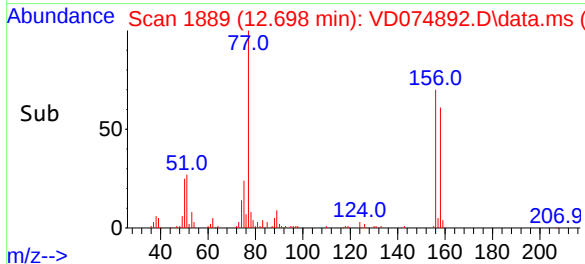
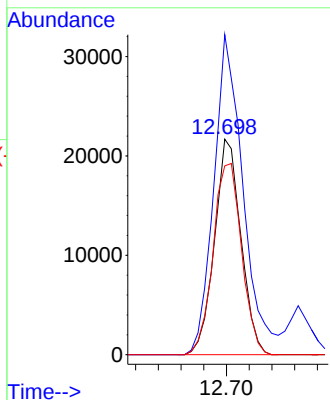
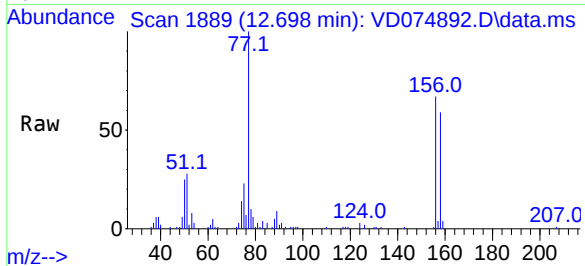




#77
Bromobenzene
Concen: 20.264 ug/l
RT: 12.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

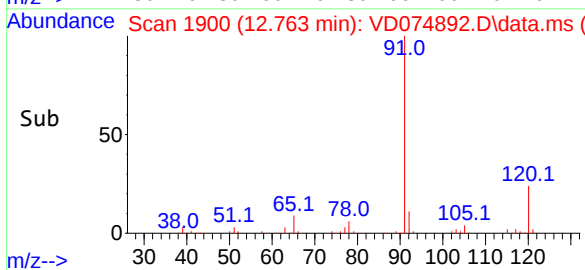
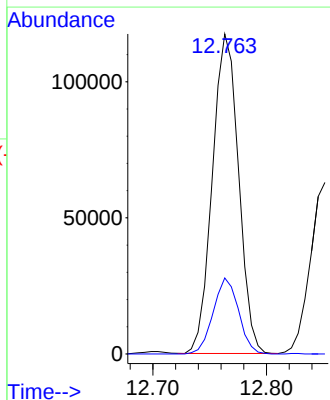
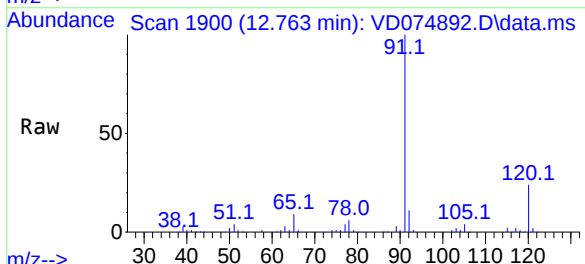
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

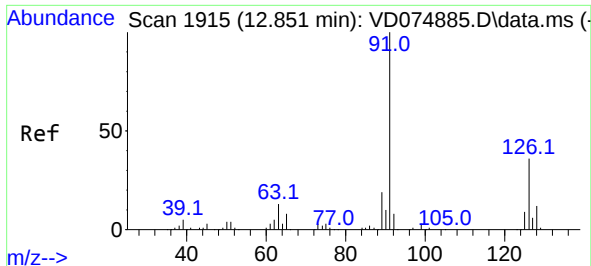
Tgt Ion:156 Resp: 35065
Ion Ratio Lower Upper
156 100
77 163.9 77.7 233.1
158 95.6 49.4 148.2



#78
n-propylbenzene
Concen: 20.693 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 91 Resp: 188084
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.7





#79

2-Chlorotoluene

Concen: 20.640 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

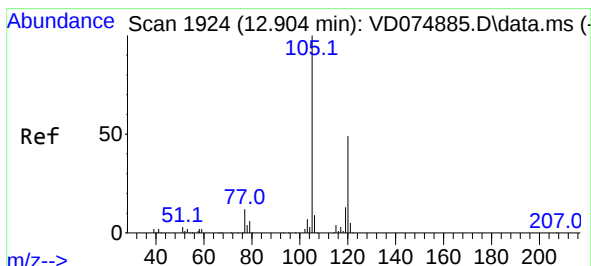
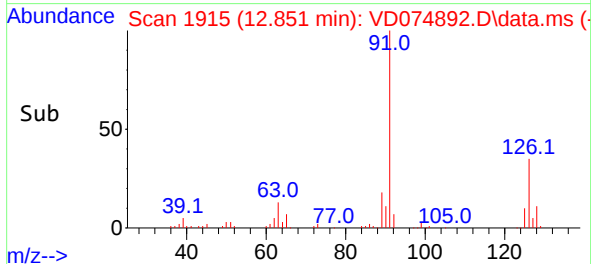
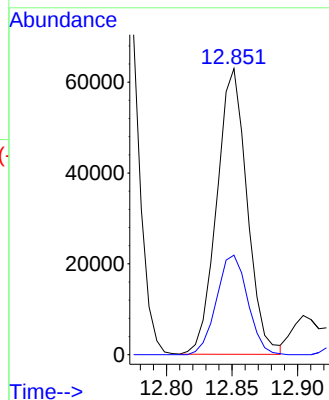
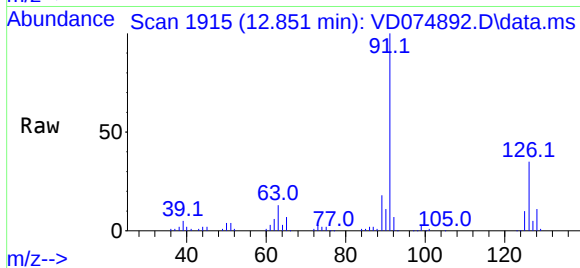
VD1111SBSD01

Tgt Ion: 91 Resp: 101082

Ion Ratio Lower Upper

91 100

126 35.8 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 20.263 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD074892.D

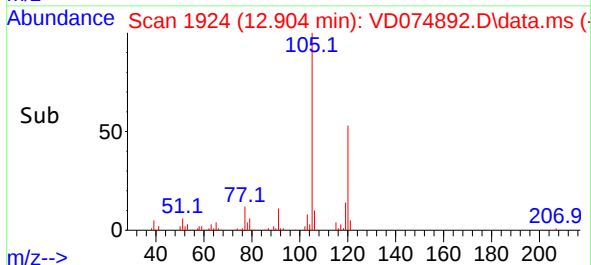
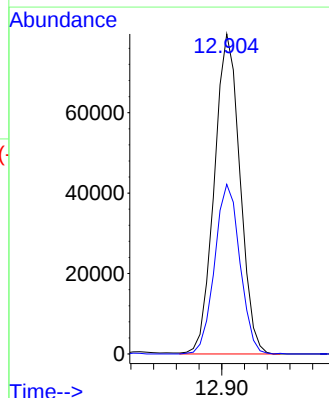
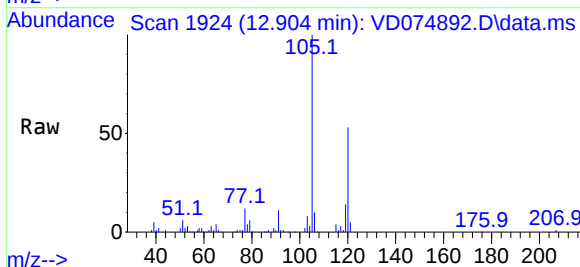
Acq: 11 Nov 2022 15:37

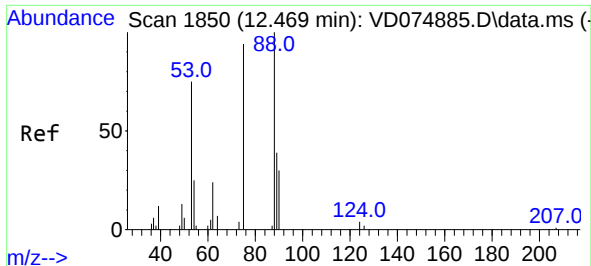
Tgt Ion: 105 Resp: 124846

Ion Ratio Lower Upper

105 100

120 52.2 25.7 77.0

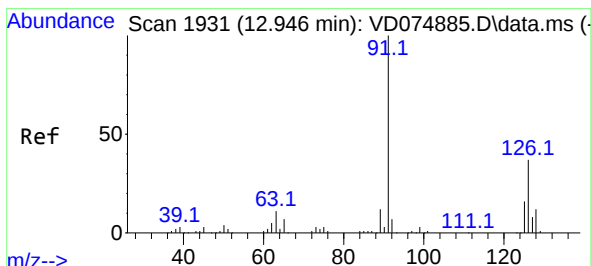
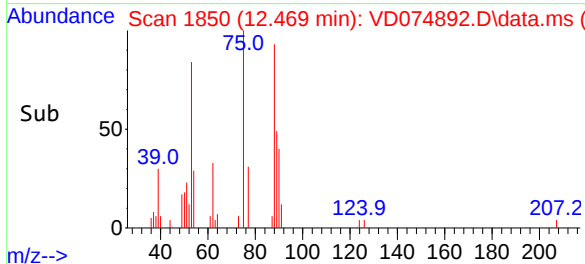
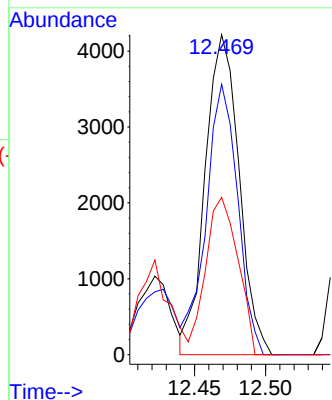
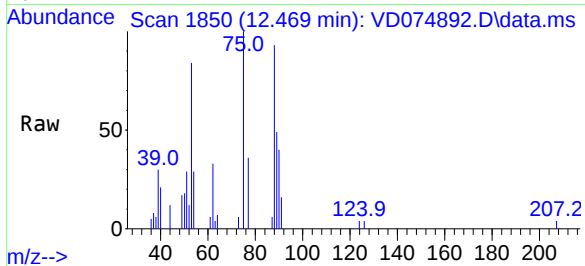




#81
trans-1,4-Dichloro-2-butene
Concen: 19.107 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

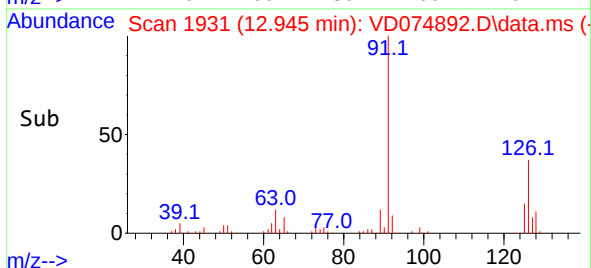
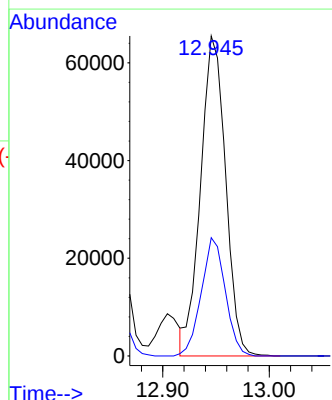
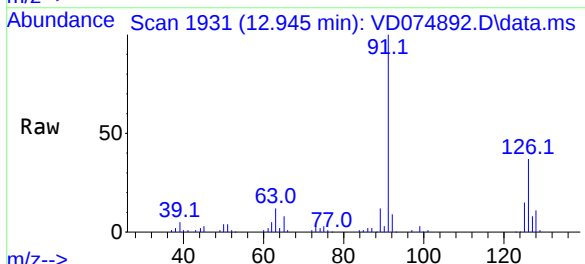
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

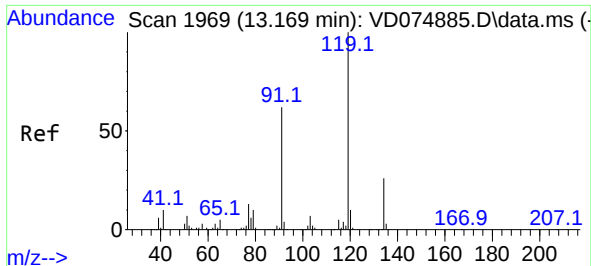
Tgt Ion: 75 Resp: 6979
Ion Ratio Lower Upper
75 100
53 79.1 63.8 95.6
89 46.6 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.942 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.001 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 91 Resp: 106803
Ion Ratio Lower Upper
91 100
126 35.6 18.8 56.4

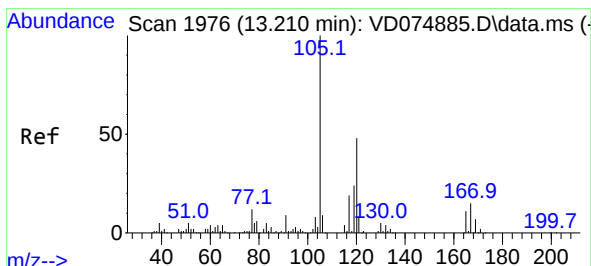
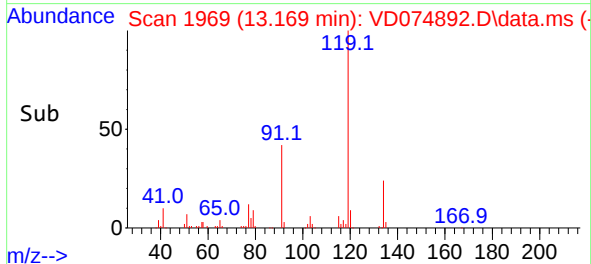
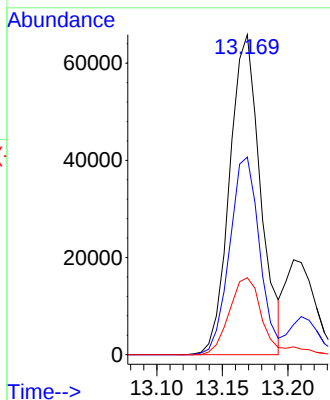
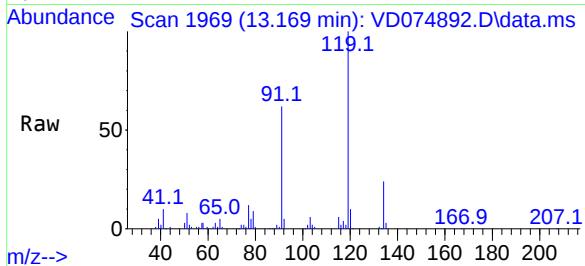




#83
tert-Butylbenzene
Concen: 20.199 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

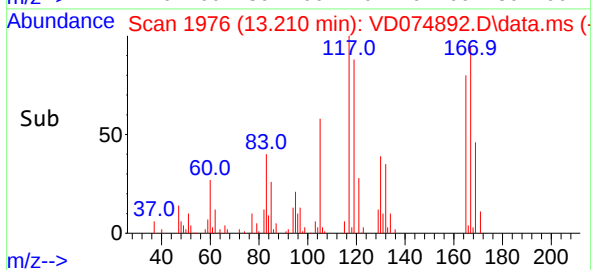
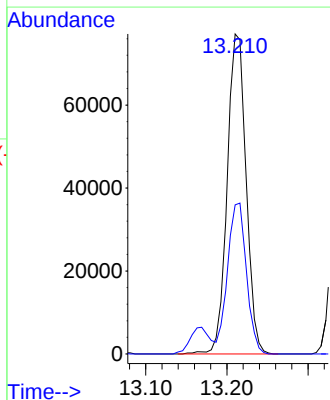
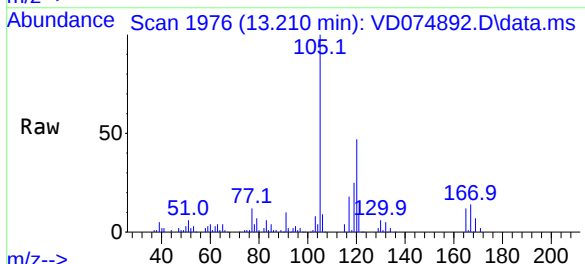
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

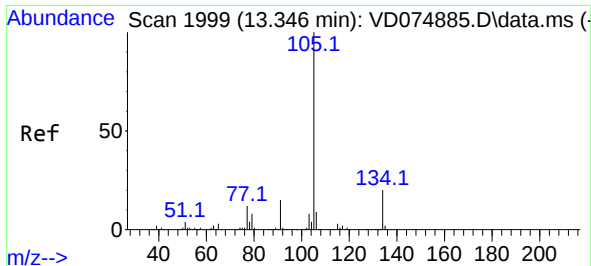
Tgt Ion:119 Resp: 107981
Ion Ratio Lower Upper
119 100
91 59.8 30.0 90.0
134 26.4 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 20.474 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion:105 Resp: 124758
Ion Ratio Lower Upper
105 100
120 47.0 22.9 68.7

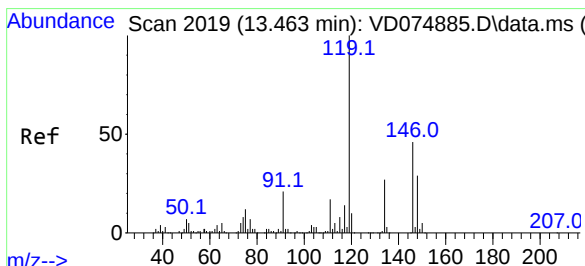
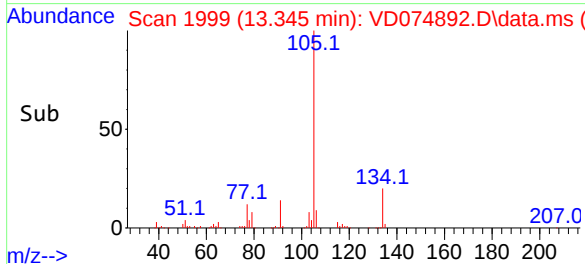
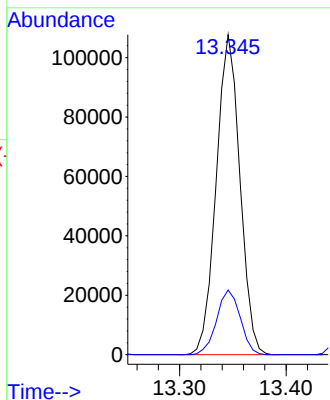
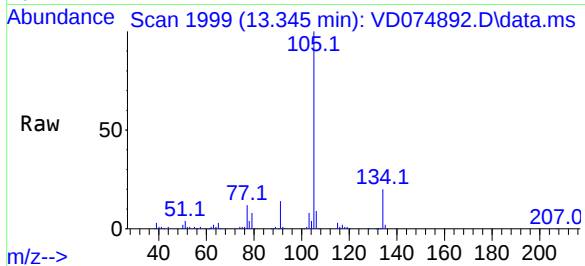




#85
 sec-Butylbenzene
 Concen: 20.410 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.001 min
 Lab File: VD074892.D
 Acq: 11 Nov 2022 15:37

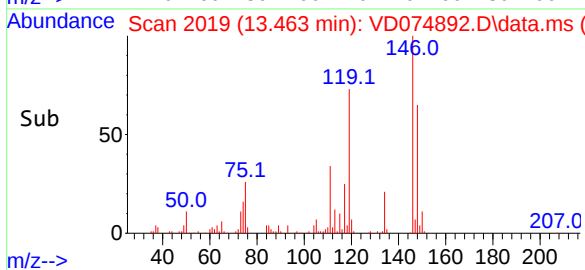
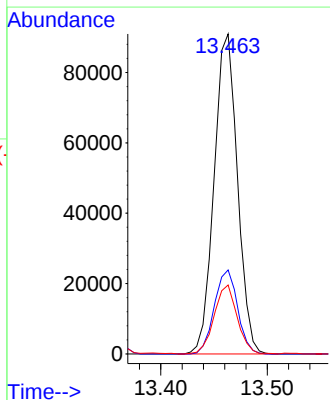
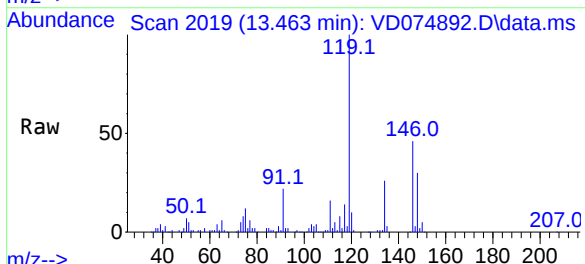
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBSD01

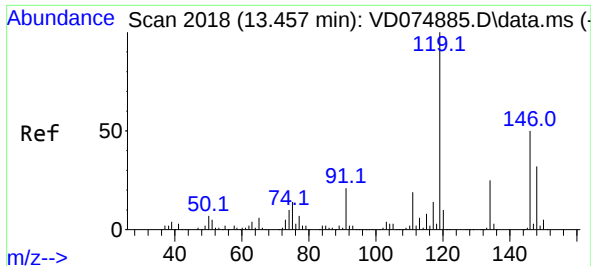
Tgt Ion:105 Resp: 165970
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 20.442 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD074892.D
 Acq: 11 Nov 2022 15:37

Tgt Ion:119 Resp: 138223
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.4
 91 21.3 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 20.350 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

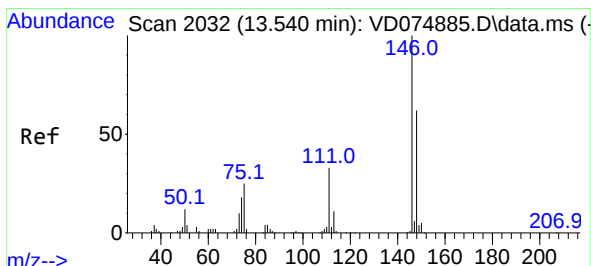
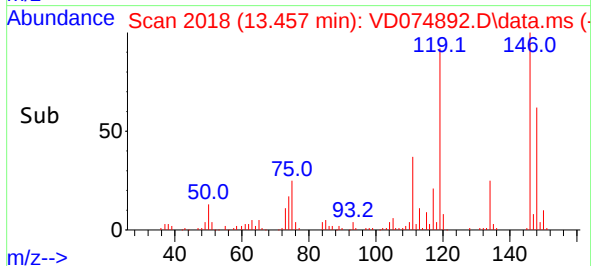
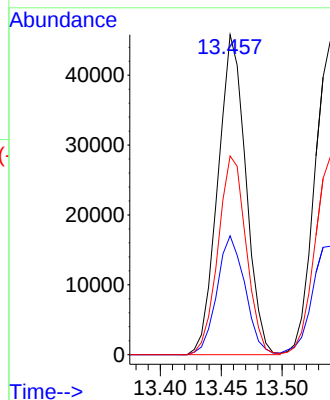
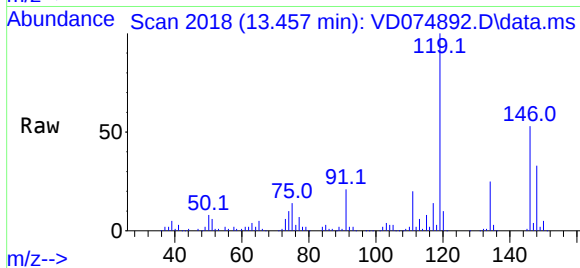
Tgt Ion:146 Resp: 73251

Ion Ratio Lower Upper

146 100

111 37.4 18.3 54.8

148 62.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.165 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

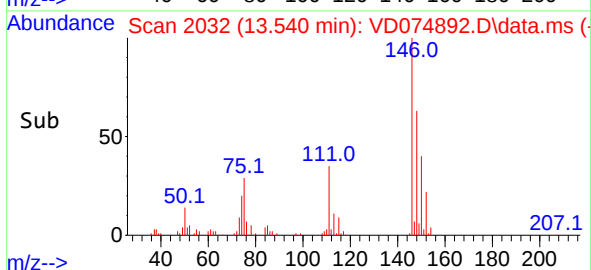
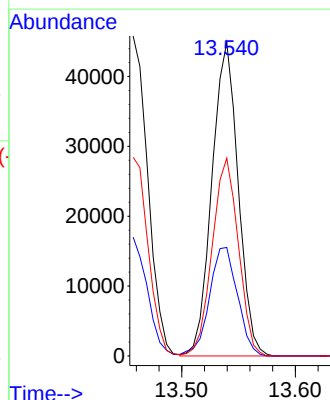
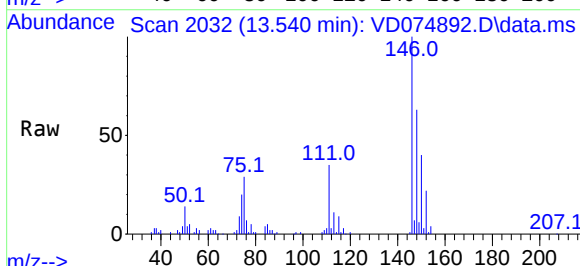
Tgt Ion:146 Resp: 72041

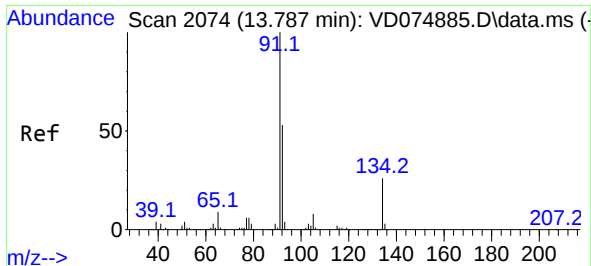
Ion Ratio Lower Upper

146 100

111 37.1 17.7 53.1

148 63.0 32.3 96.9

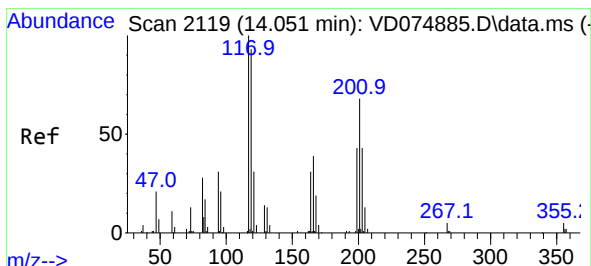
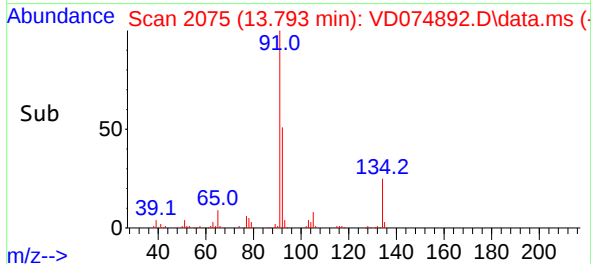
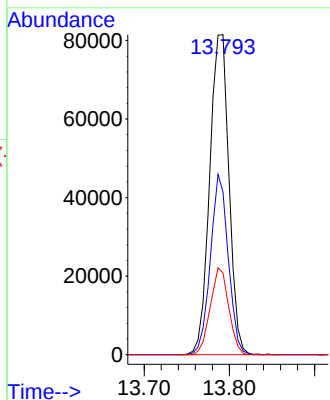
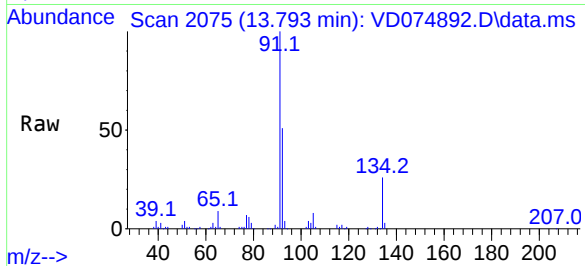




#89
n-Butylbenzene
Concen: 20.408 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.005 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

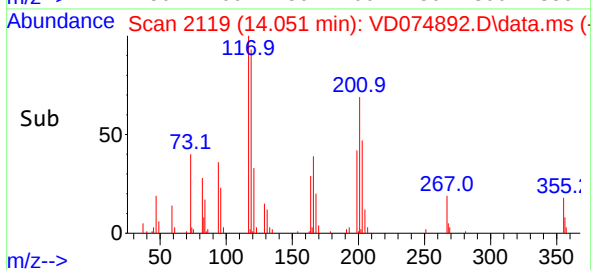
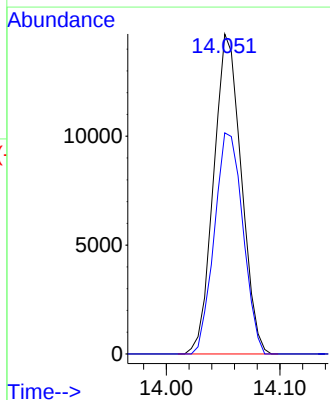
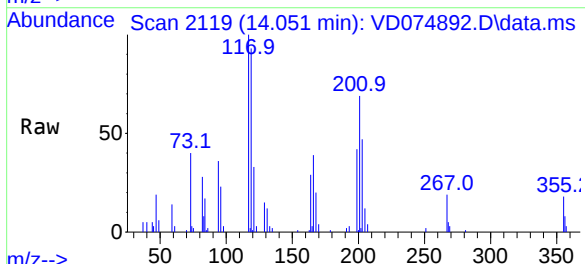
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

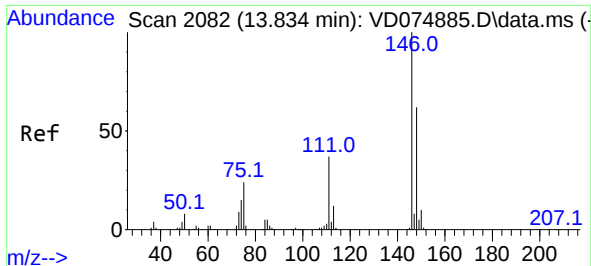
Tgt Ion: 91 Resp: 128117
Ion Ratio Lower Upper
91 100
92 52.0 26.9 80.7
134 25.9 13.4 40.2



#90
Hexachloroethane
Concen: 20.504 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion: 117 Resp: 24831
Ion Ratio Lower Upper
117 100
201 71.4 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 20.064 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBSD01

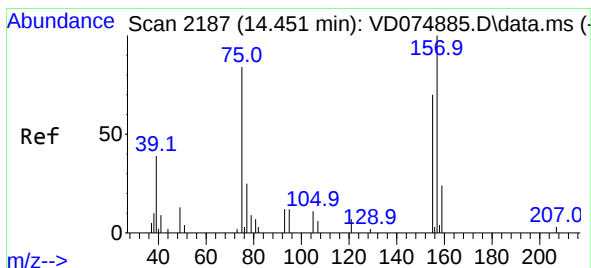
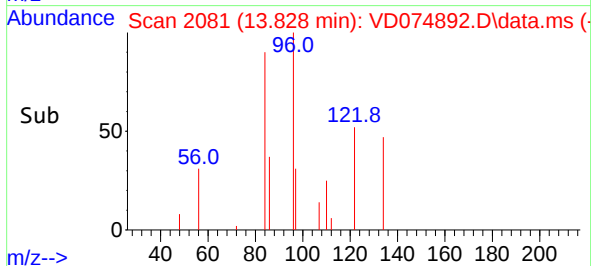
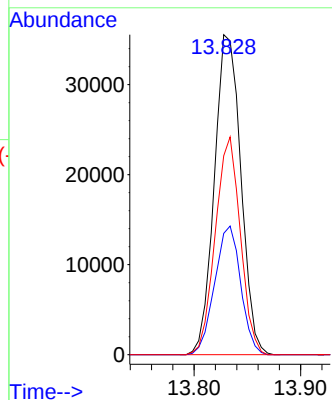
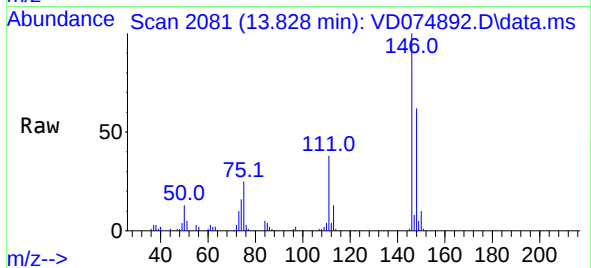
Tgt Ion:146 Resp: 61415

Ion Ratio Lower Upper

146 100

111 39.5 18.9 56.5

148 64.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.365 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD074892.D

Acq: 11 Nov 2022 15:37

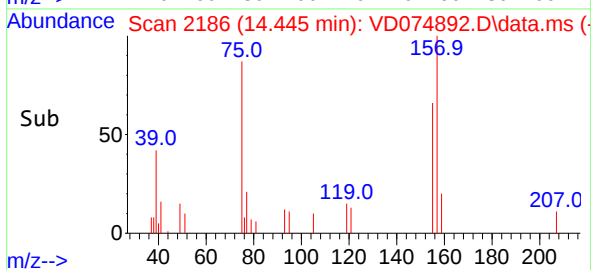
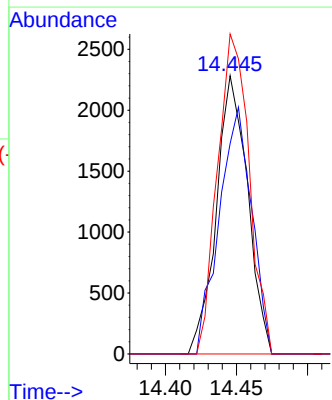
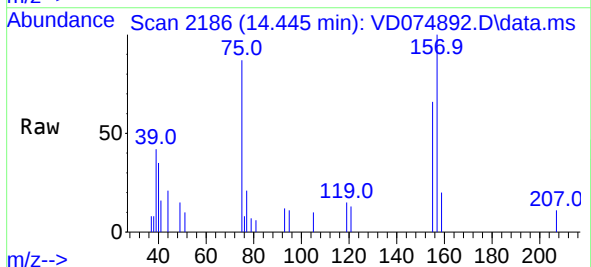
Tgt Ion: 75 Resp: 3492

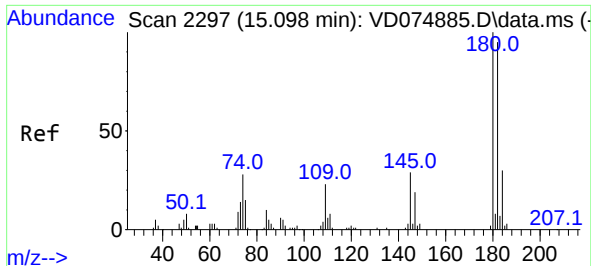
Ion Ratio Lower Upper

75 100

155 92.1 51.2 153.8

157 116.7 68.2 204.5

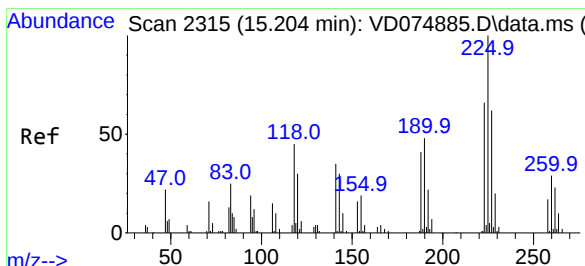
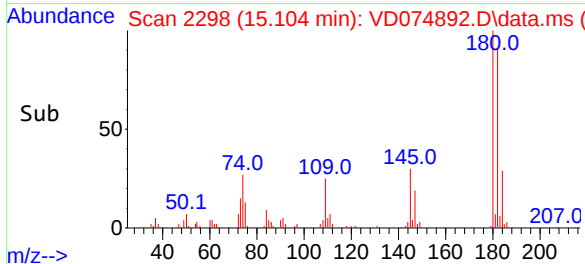
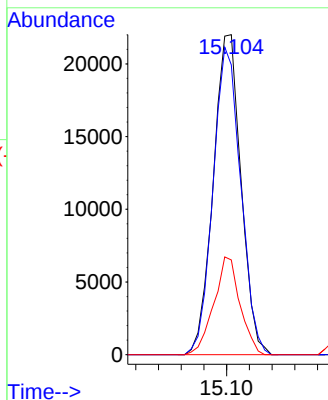
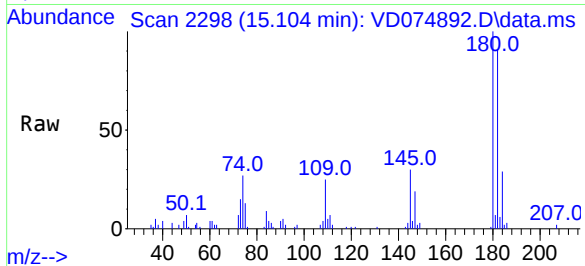




#93
1,2,4-Trichlorobenzene
Concen: 20.016 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

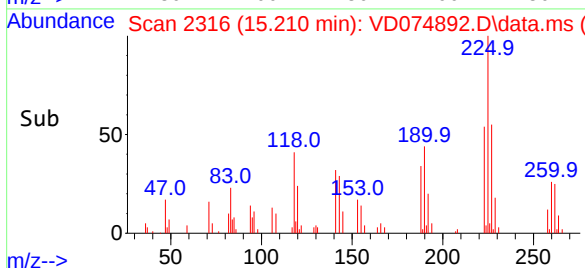
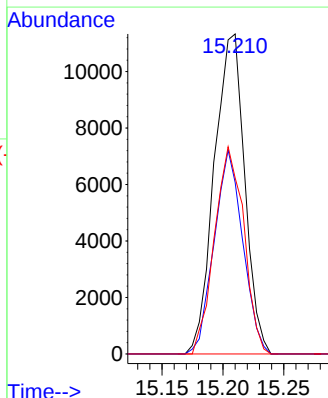
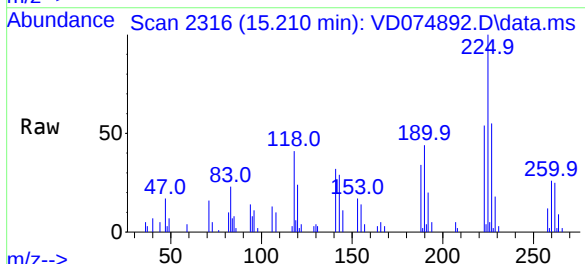
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

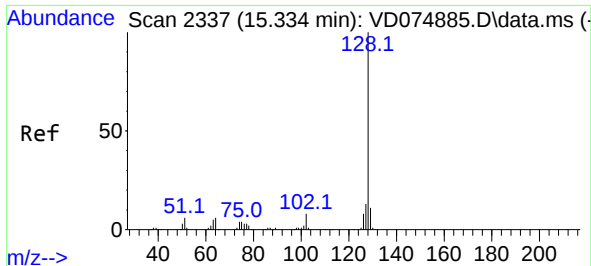
Tgt Ion:180 Resp: 37294
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 28.8 14.1 42.3



#94
Hexachlorobutadiene
Concen: 20.483 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion:225 Resp: 19686
Ion Ratio Lower Upper
225 100
223 59.8 31.9 95.5
227 62.5 32.6 97.8

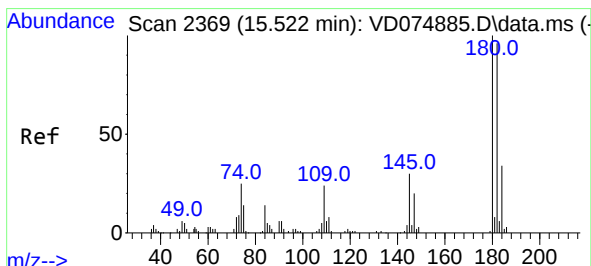
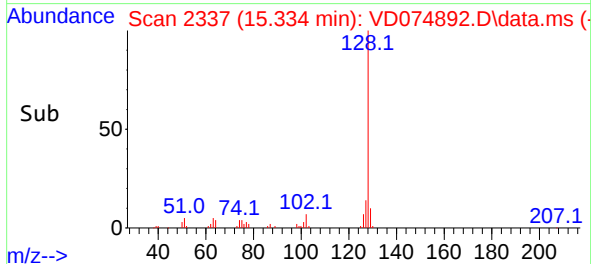
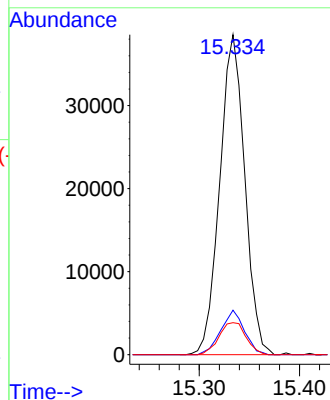
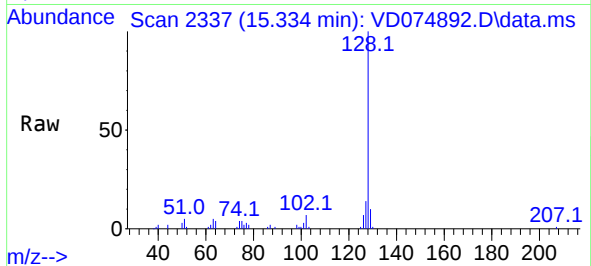




#95
Naphthalene
Concen: 19.265 ug/l
RT: 15.334 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBSD01

Tgt Ion:	128	Resp:	66622
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	10.9	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.806 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD074892.D
Acq: 11 Nov 2022 15:37

Tgt Ion:	180	Resp:	31913
Ion Ratio	Lower	Upper	
180	100		
182	93.9	46.7	140.1
145	31.0	14.9	44.7

