

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074641.D
 Acq On : 25 Oct 2022 19:36
 Operator : VA/SY
 Sample : N5235-03MSD
 Misc : 4.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LSP-SS-01-00-20MSD

Quant Time: Oct 27 01:23:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	146624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	242172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	185381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	43686	39.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.040%
35) Dibromofluoromethane	7.805	113	58623	43.550	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.100%
50) Toluene-d8	10.269	98	170076	35.088	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	70.180%
62) 4-Bromofluorobenzene	12.575	95	51368	36.307	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	39810	34.979	ug/l	97
3) Chloromethane	2.146	50	64216	41.681	ug/l	93
4) Vinyl Chloride	2.275	62	66911	39.273	ug/l	93
5) Bromomethane	2.681	94	46491	36.033	ug/l	97
6) Chloroethane	2.828	64	49162	41.969	ug/l	99
7) Trichlorofluoromethane	3.170	101	102919	42.617	ug/l	100
8) Diethyl Ether	3.587	74	32886	47.021	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	66624	42.779	ug/l	97
10) Methyl Iodide	4.158	142	73758	37.450	ug/l	99
11) Tert butyl alcohol	5.052	59	17427	111.429	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	66809	42.889	ug/l	88
13) Acrolein	3.793	56	21606	180.208	ug/l	99
14) Allyl chloride	4.564	41	73257	43.548	ug/l	99
15) Acrylonitrile	5.252	53	65083	227.693	ug/l	100
16) Acetone	4.017	43	65269	267.002	ug/l	90
17) Carbon Disulfide	4.264	76	139217	32.661	ug/l	96
18) Methyl Acetate	4.564	43	35472	54.075	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	155152	50.971	ug/l	99
20) Methylene Chloride	4.799	84	80836	41.279	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	71671	41.274	ug/l	85
22) Diisopropyl ether	6.216	45	179034	52.742	ug/l	95
23) Vinyl Acetate	6.158	43	188926	127.274	ug/l	96
24) 1,1-Dichloroethane	6.111	63	123046	46.704	ug/l	100
25) 2-Butanone	7.081	43	78044	238.752	ug/l	99
26) 2,2-Dichloropropane	7.075	77	106053	42.117	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	90343	46.907	ug/l	96
28) Bromochloromethane	7.428	49	36039	50.788	ug/l	93
29) Tetrahydrofuran	7.440	42	43173	242.153	ug/l	98
30) Chloroform	7.599	83	137635	48.551	ug/l	98
31) Cyclohexane	7.875	56	79085	35.169	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	117428	45.170	ug/l	98
36) 1,1-Dichloropropene	8.010	75	88141	40.515	ug/l	99
37) Ethyl Acetate	7.163	43	30413	44.308	ug/l	95
38) Carbon Tetrachloride	7.993	117	91430	42.918	ug/l	100
39) Methylcyclohexane	9.275	83	86693	33.351	ug/l	96
40) Benzene	8.252	78	284475	44.059	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	18100	48.942	ug/l	95
42) 1,2-Dichloroethane	8.328	62	68862	46.218	ug/l	98
43) Isopropyl Acetate	8.363	43	61960	48.572	ug/l	97
44) Trichloroethene	9.028	130	81983	43.343	ug/l	99
45) 1,2-Dichloropropane	9.305	63	70111	49.480	ug/l	95
46) Dibromomethane	9.393	93	39220	47.967	ug/l	98
47) Bromodichloromethane	9.587	83	99742	49.304	ug/l	95
48) Methyl methacrylate	9.381	41	29317	50.288	ug/l	98
49) 1,4-Dioxane	9.387	88	8828	1097.013	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	148846	234.588	ug/l	98
52) Toluene	10.334	92	168227	42.248	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	77640	43.650	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	97553	43.498	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	53616	47.726	ug/l	93
56) Ethyl methacrylate	10.599	69	57605	46.909	ug/l	95
57) 1,3-Dichloropropane	10.881	76	82696	45.377	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	67315	213.189	ug/l	98
59) 2-Hexanone	10.922	43	106633	246.223	ug/l	99
60) Dibromochloromethane	11.075	129	62640	46.260	ug/l	99
61) 1,2-Dibromoethane	11.181	107	47044	45.875	ug/l	99
64) Tetrachloroethene	10.810	164	63981	46.692	ug/l	94
65) Chlorobenzene	11.604	112	178832	45.798	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	67205	50.094	ug/l	96
67) Ethyl Benzene	11.681	91	306743	45.112	ug/l	100
68) m/p-Xylenes	11.793	106	240337	88.896	ug/l	98
69) o-Xylene	12.122	106	116599	46.340	ug/l	96
70) Styrene	12.134	104	199956	47.188	ug/l	99
71) Bromoform	12.298	173	35609	50.556	ug/l #	94
73) Isopropylbenzene	12.422	105	283579	47.592	ug/l	98
74) N-amyl acetate	12.234	43	48584	55.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	53339	56.546	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	59992	89.926	ug/l #	1
77) Bromobenzene	12.698	156	70609	52.504	ug/l	99
78) n-propylbenzene	12.763	91	317226	45.048	ug/l	100
79) 2-Chlorotoluene	12.845	91	179389	47.023	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	223474	46.202	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	13365	51.196	ug/l	95
82) 4-Chlorotoluene	12.945	91	183254	46.756	ug/l	98
83) tert-Butylbenzene	13.163	119	196274	45.487	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	220594	46.345	ug/l	99
85) sec-Butylbenzene	13.345	105	248315	38.349	ug/l	98
86) p-Isopropyltoluene	13.457	119	212109	39.101	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	123473	44.182	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	121360	44.360	ug/l	99
89) n-Butylbenzene	13.787	91	158836	32.139	ug/l	100
90) Hexachloroethane	14.051	117	38494	40.769	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	110232	47.286	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6906	52.938	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	46438	30.198	ug/l	98
94) Hexachlorobutadiene	15.198	225	15989	18.899	ug/l	96
95) Naphthalene	15.328	128	125364	43.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	41336	31.357	ug/l	100

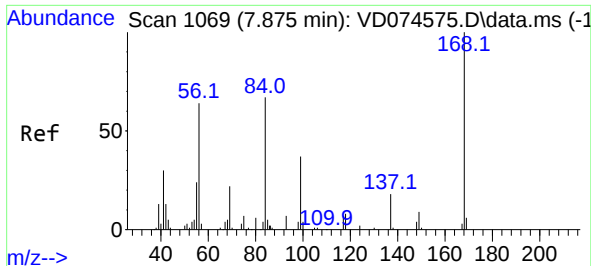
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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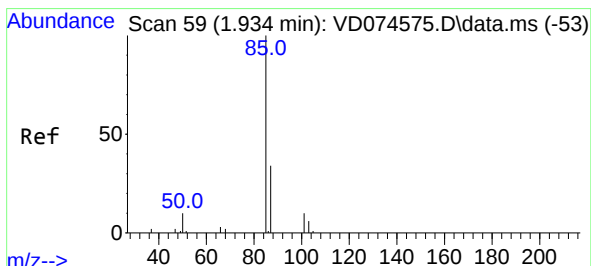
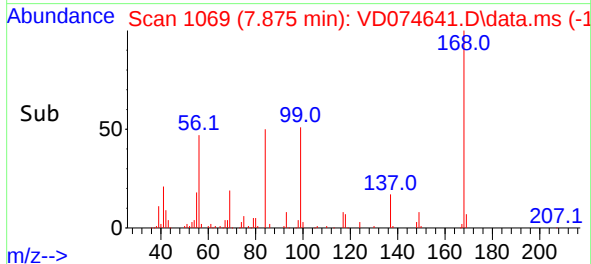
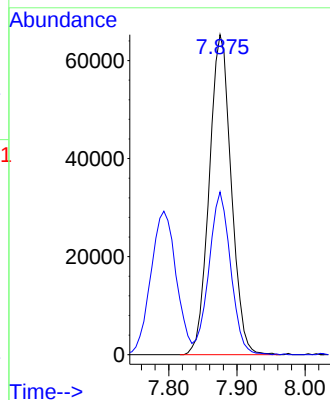
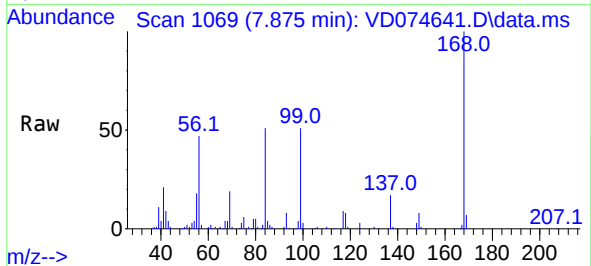
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

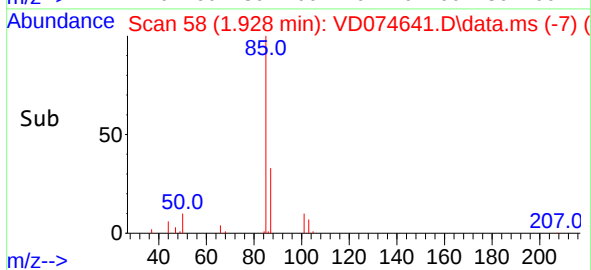
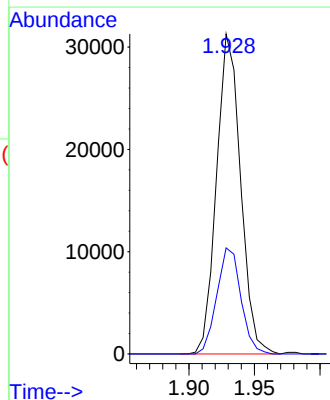
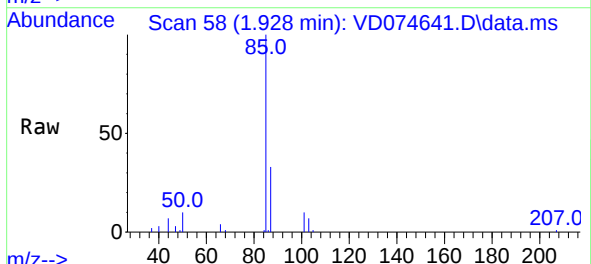
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

Tgt Ion:168 Resp: 146624
Ion Ratio Lower Upper
168 100
99 50.9 40.9 61.3

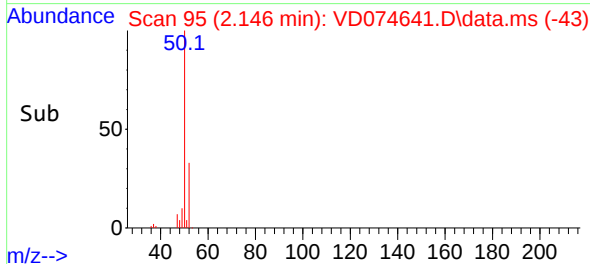
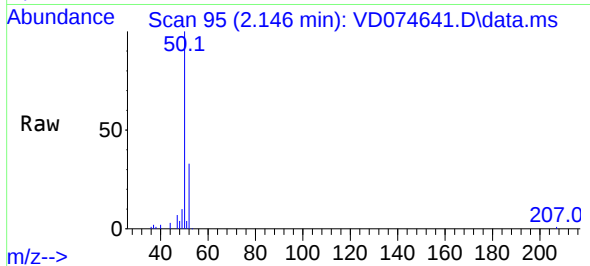
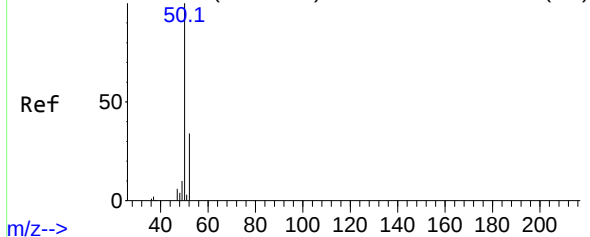


#2
Dichlorodifluoromethane
Concen: 34.979 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 85 Resp: 39810
Ion Ratio Lower Upper
85 100
87 33.2 17.5 52.6



Abundance Scan 95 (2.146 min): VD074575.D\data.ms (-89)



#3

Chloromethane

Concen: 41.681 ug/l

RT: 2.146 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

Instrument :

MSVOA_D

ClientSampleId :

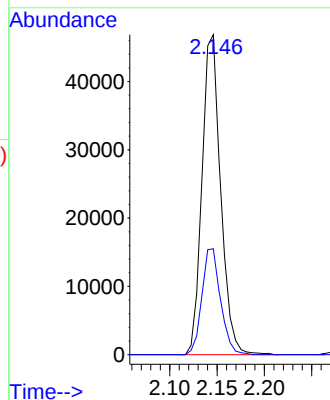
LSP-SS-01-00-20MSD

Tgt Ion: 50 Resp: 64216

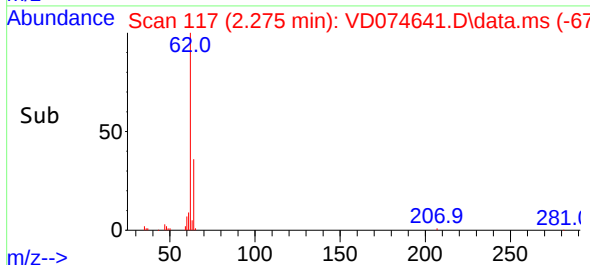
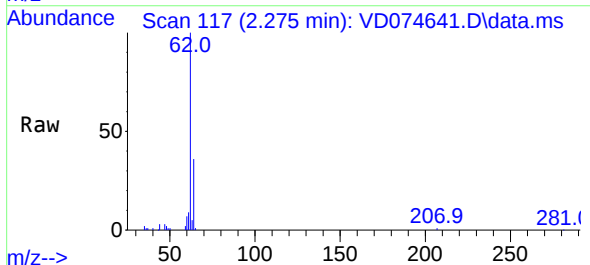
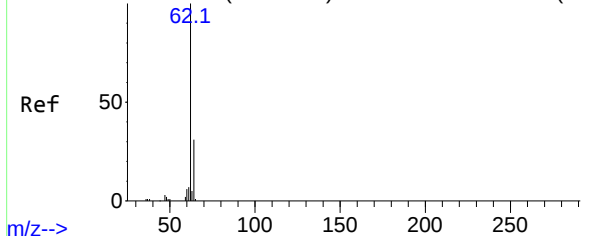
Ion Ratio Lower Upper

50 100

52 33.1 30.0 45.0



Abundance Scan 118 (2.281 min): VD074575.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 39.273 ug/l

RT: 2.275 min Scan# 117

Delta R.T. -0.006 min

Lab File: VD074641.D

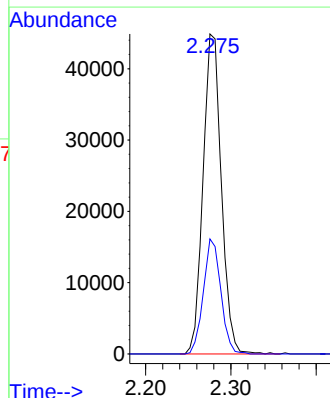
Acq: 25 Oct 2022 19:36

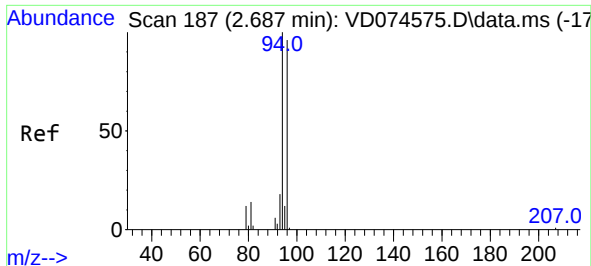
Tgt Ion: 62 Resp: 66911

Ion Ratio Lower Upper

62 100

64 35.9 25.5 38.3

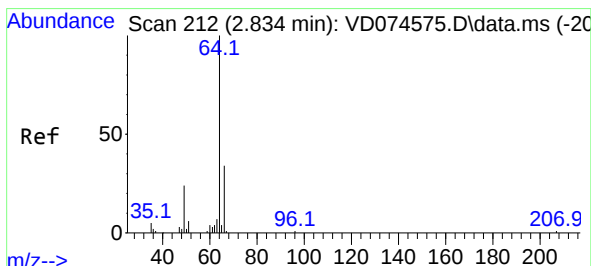
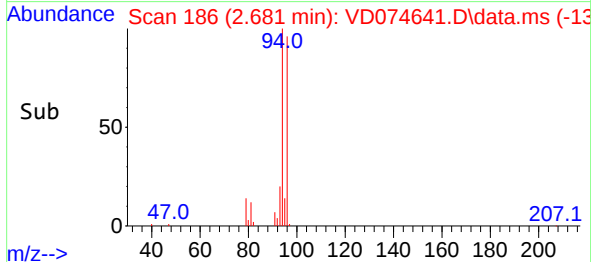
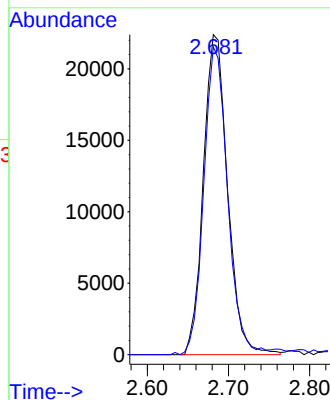
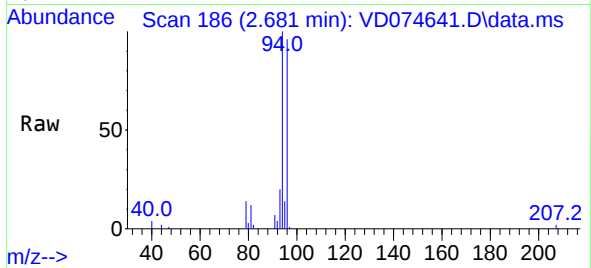




#5
Bromomethane
Concen: 36.033 ug/l
RT: 2.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

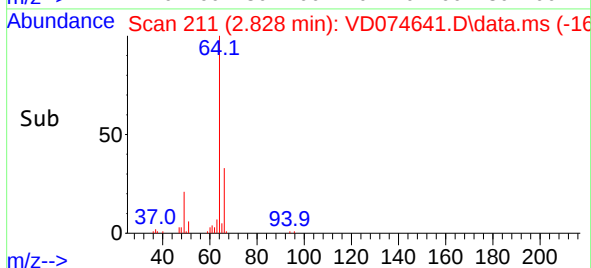
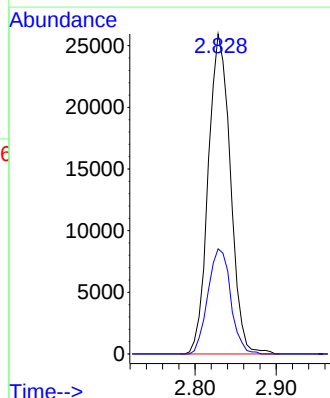
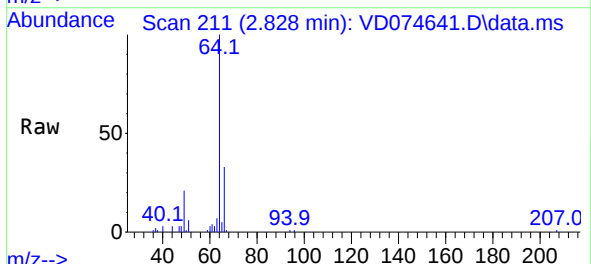
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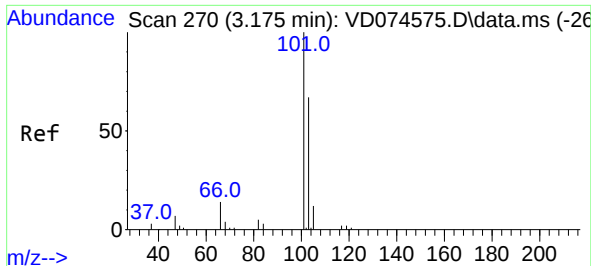
Tgt Ion: 94 Resp: 46491
Ion Ratio Lower Upper
94 100
96 96.2 74.6 112.0



#6
Chloroethane
Concen: 41.969 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 64 Resp: 49162
Ion Ratio Lower Upper
64 100
66 32.9 25.8 38.8

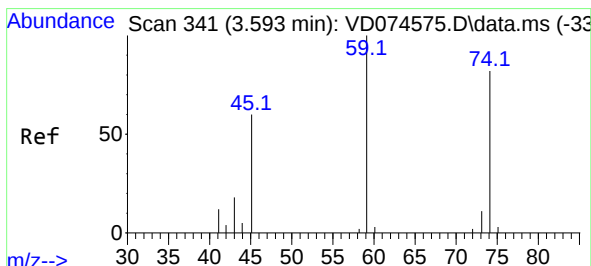
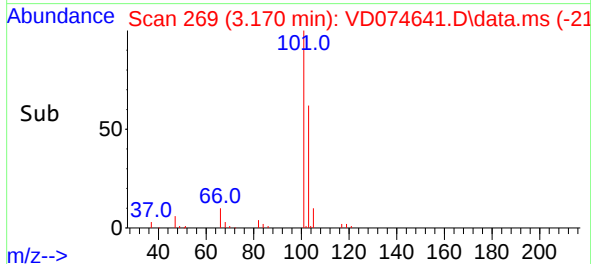
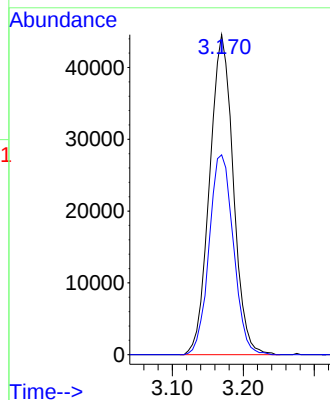
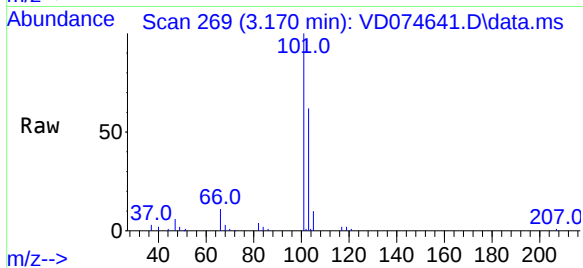




#7
Trichlorofluoromethane
Concen: 42.617 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.001 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

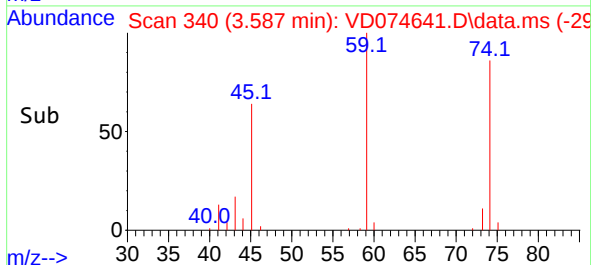
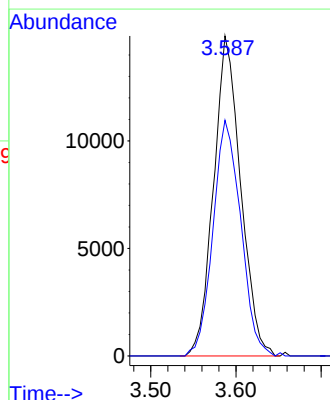
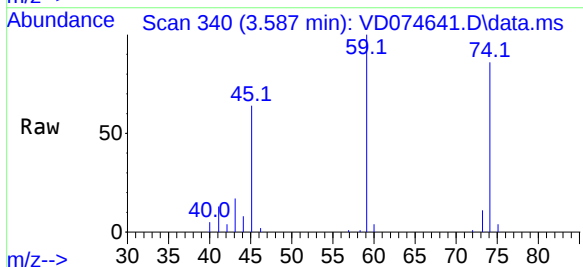
Instrument :
MSVOA_D
ClientSampleId :
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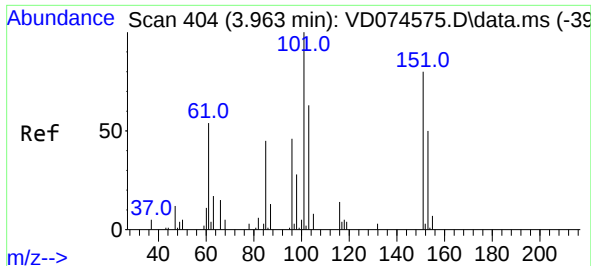
Tgt Ion:101 Resp: 102919
Ion Ratio Lower Upper
101 100
103 62.4 49.8 74.8



#8
Diethyl Ether
Concen: 47.021 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 74 Resp: 32886
Ion Ratio Lower Upper
74 100
45 75.5 37.9 113.6

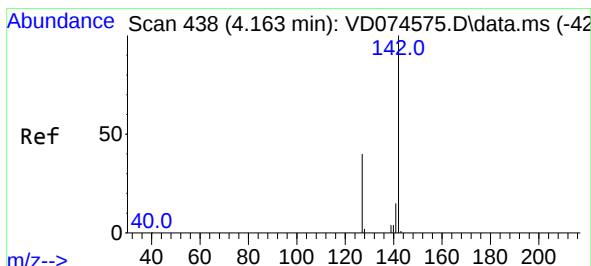
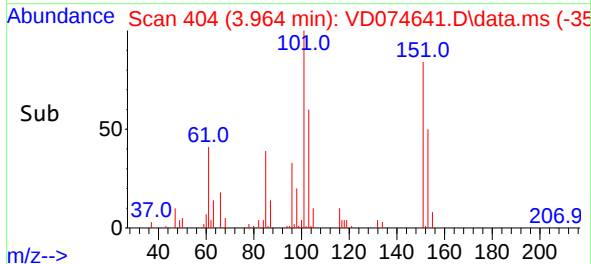
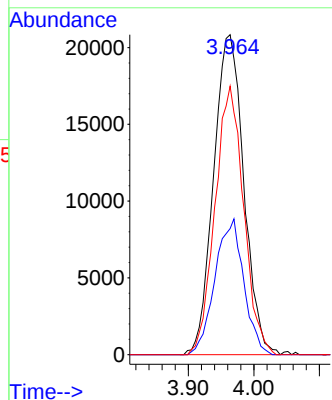
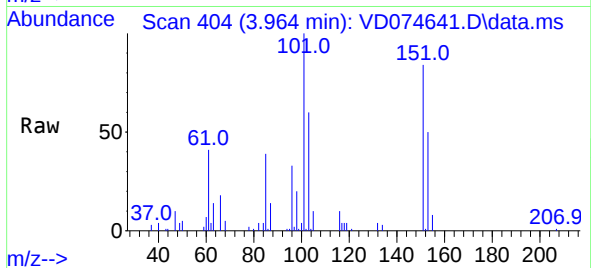




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.779 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.001 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

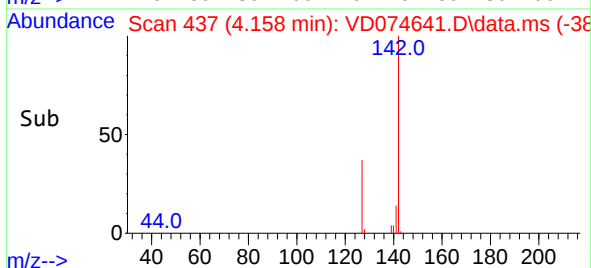
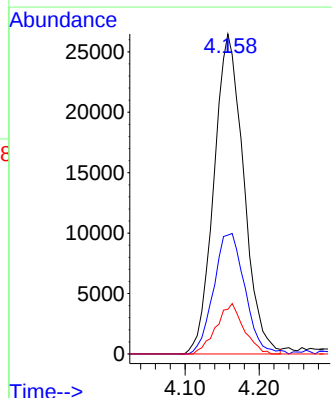
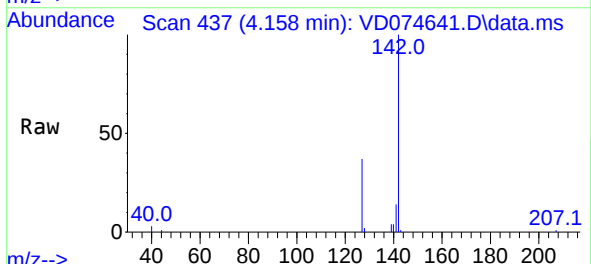
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

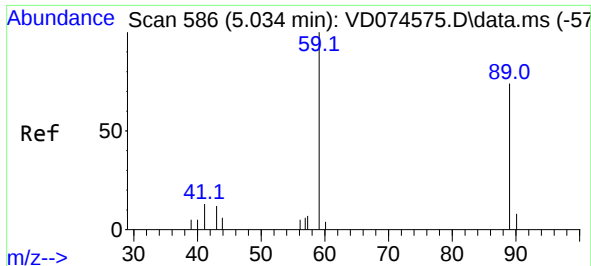
Tgt Ion:101 Resp: 66624
Ion Ratio Lower Upper
101 100
85 40.4 34.1 51.1
151 79.7 61.7 92.5



#10
Methyl Iodide
Concen: 37.450 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion:142 Resp: 73758
Ion Ratio Lower Upper
142 100
127 39.6 31.9 47.9
141 14.6 11.4 17.2

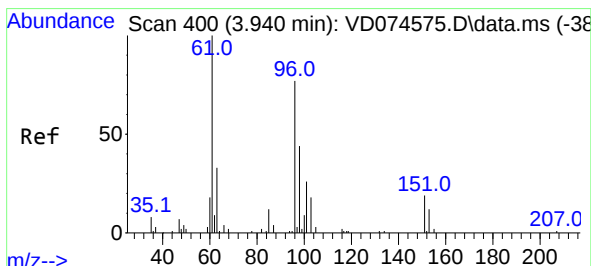
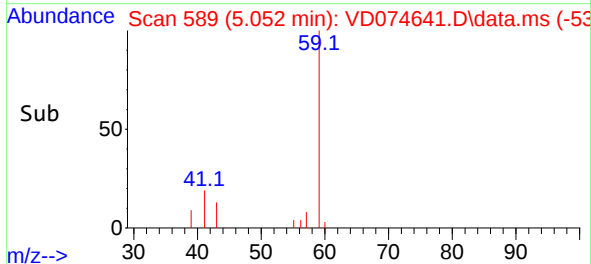
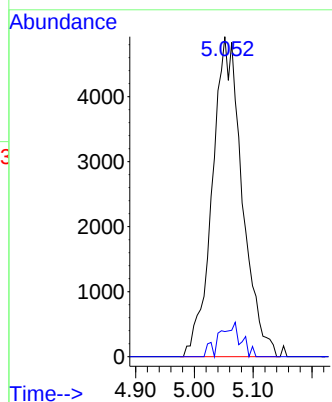
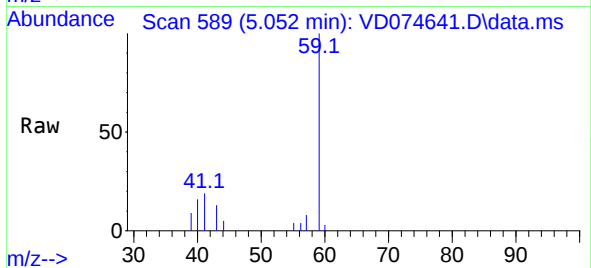




#11
Tert butyl alcohol
Concen: 111.429 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

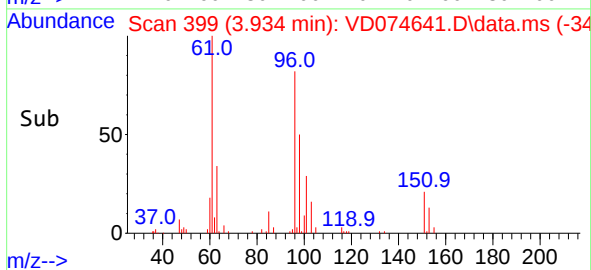
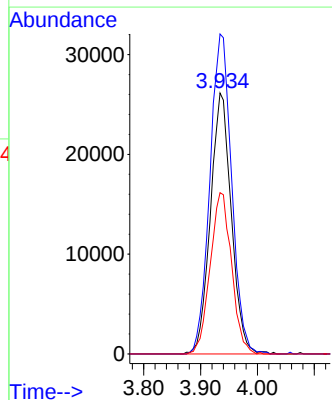
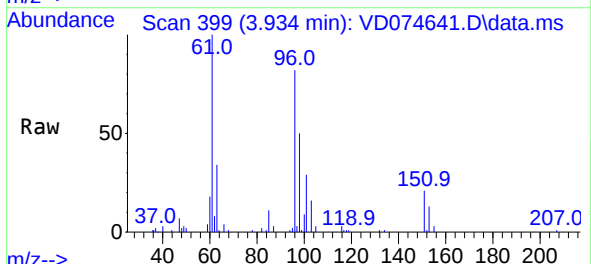
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

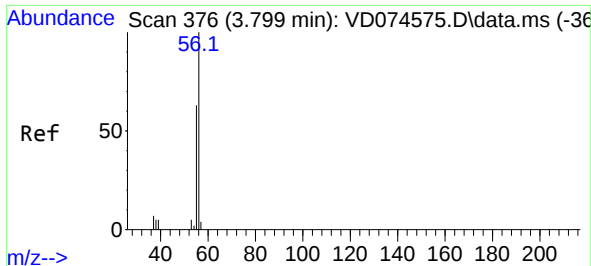
Tgt Ion: 59 Resp: 17427
Ion Ratio Lower Upper
59 100
57 7.6 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 42.889 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 96 Resp: 66809
Ion Ratio Lower Upper
96 100
61 122.6 113.9 170.9
98 61.8 51.8 77.8

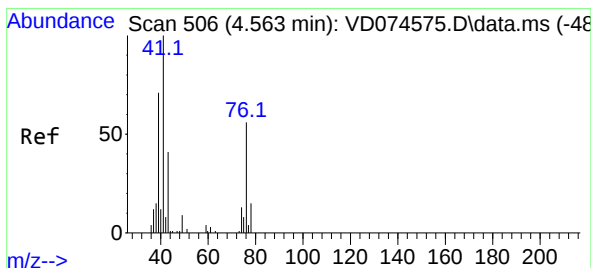
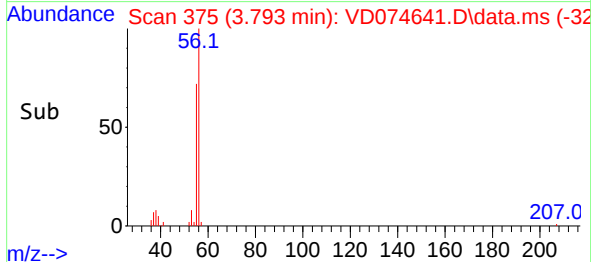
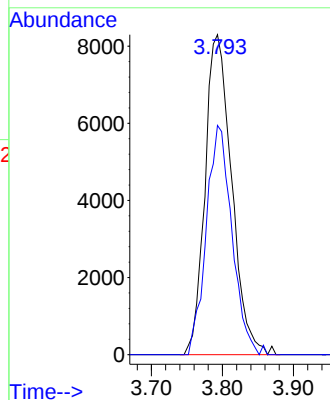
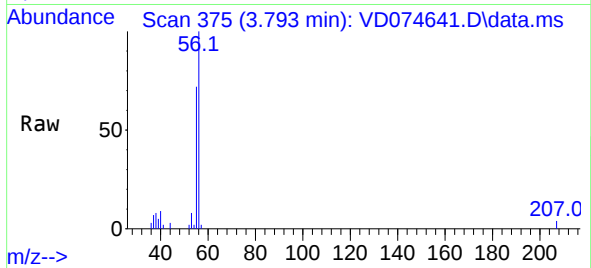




#13
Acrolein
Concen: 180.208 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

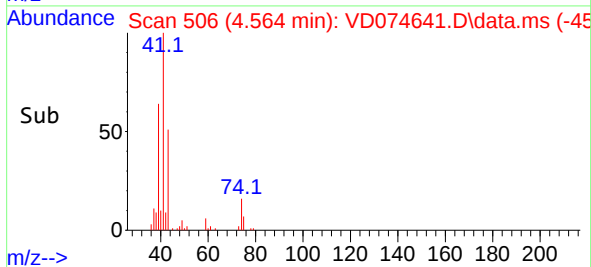
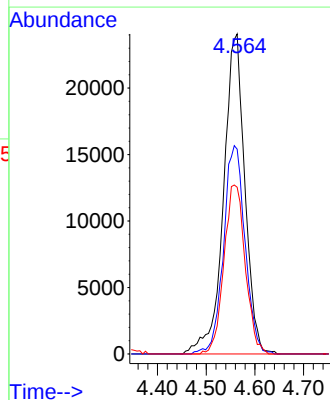
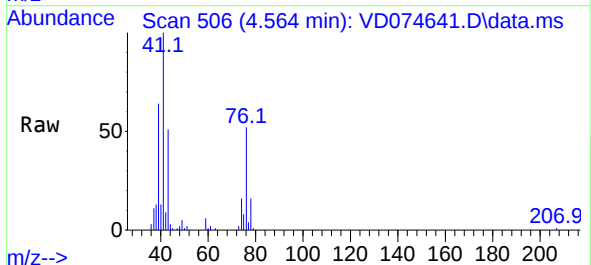
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

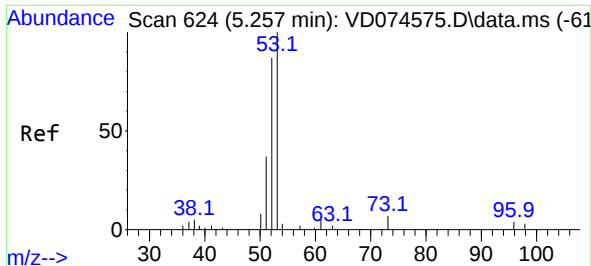
Tgt Ion: 56 Resp: 21606
Ion Ratio Lower Upper
56 100
55 68.7 54.0 81.0



#14
Allyl chloride
Concen: 43.548 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 41 Resp: 73257
Ion Ratio Lower Upper
41 100
39 65.7 53.4 80.2
76 52.7 42.4 63.6

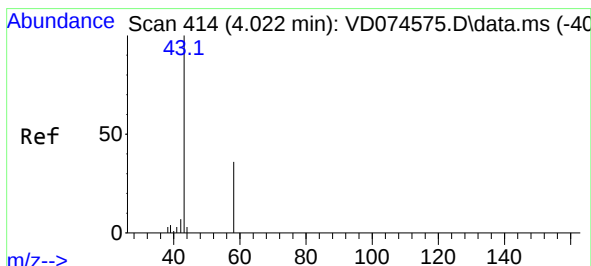
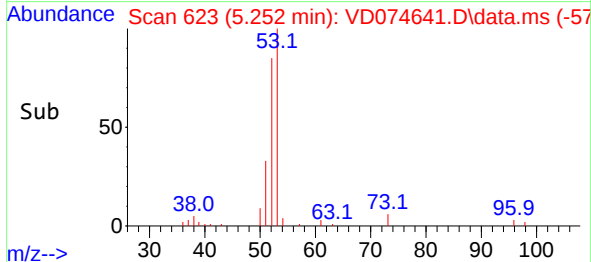
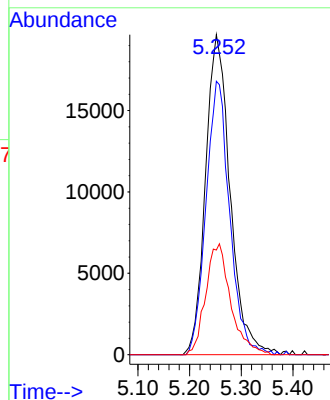
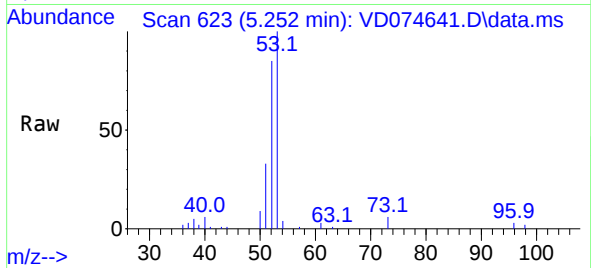




#15
Acrylonitrile
Concen: 227.693 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

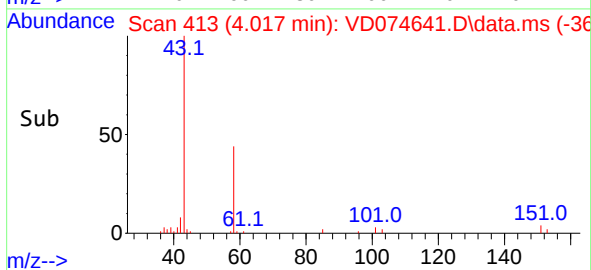
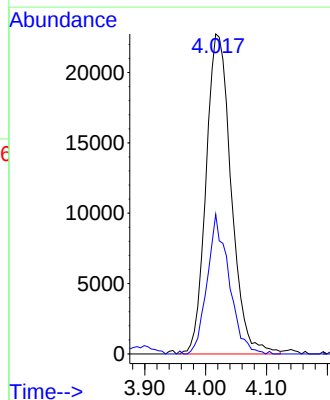
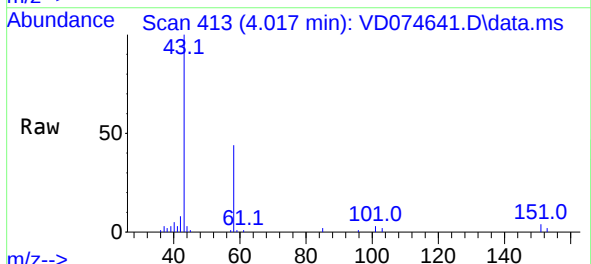
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

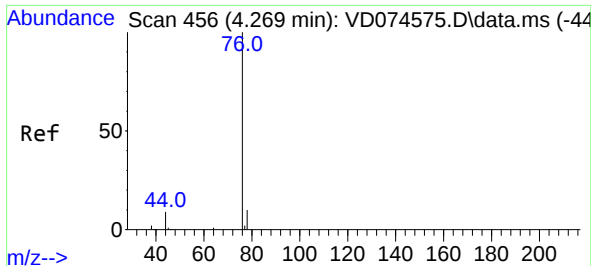
Tgt Ion: 53 Resp: 65083
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 35.3 28.3 42.5



#16
Acetone
Concen: 267.002 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 43 Resp: 65269
Ion Ratio Lower Upper
43 100
58 43.7 30.2 45.2

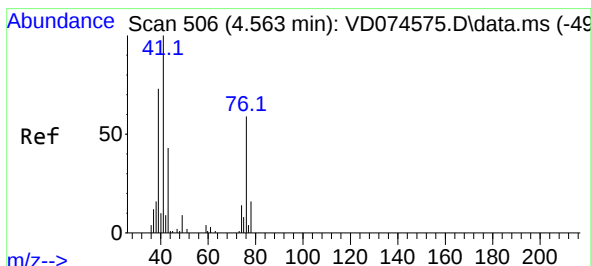
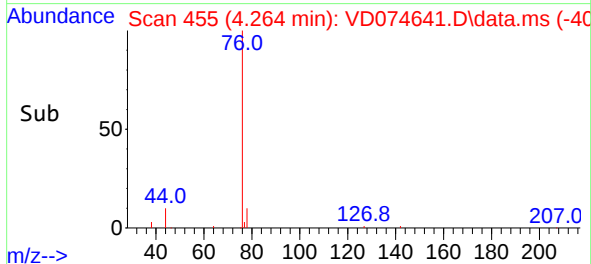
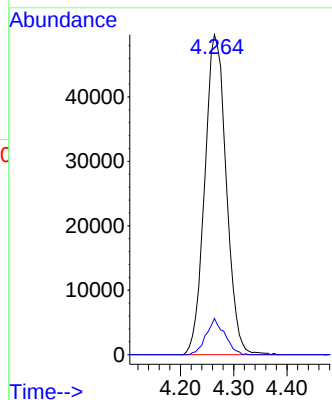
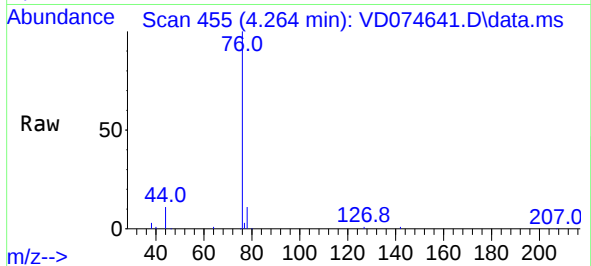




#17
Carbon Disulfide
Concen: 32.661 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

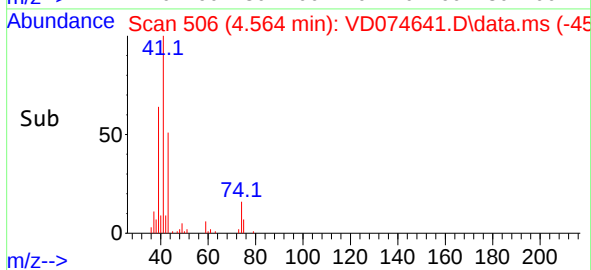
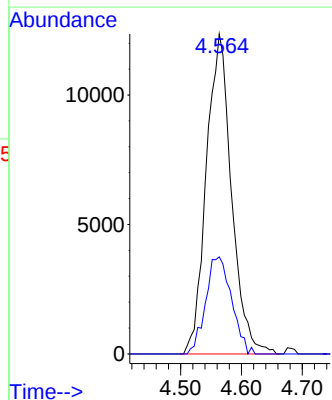
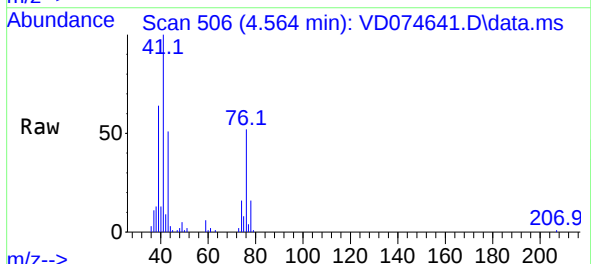
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

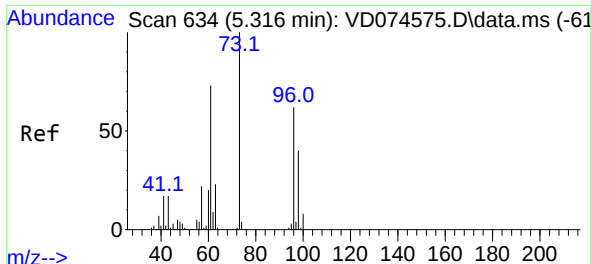
Tgt Ion: 76 Resp: 139217
Ion Ratio Lower Upper
76 100
78 11.3 7.8 11.8



#18
Methyl Acetate
Concen: 54.075 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 43 Resp: 35472
Ion Ratio Lower Upper
43 100
74 31.2 24.7 37.1

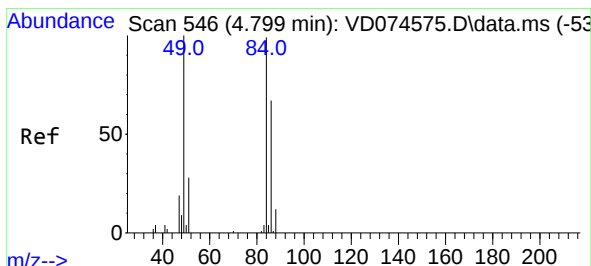
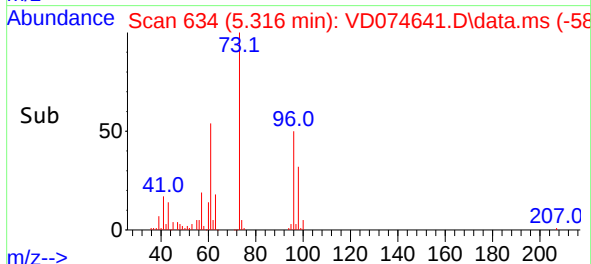
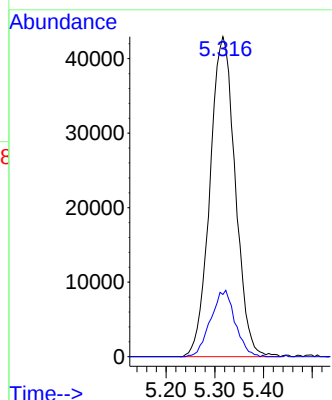
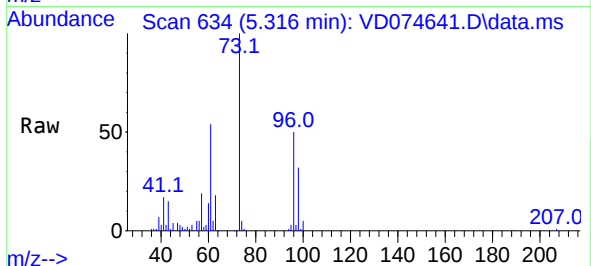




#19
Methyl tert-butyl Ether
Concen: 50.971 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

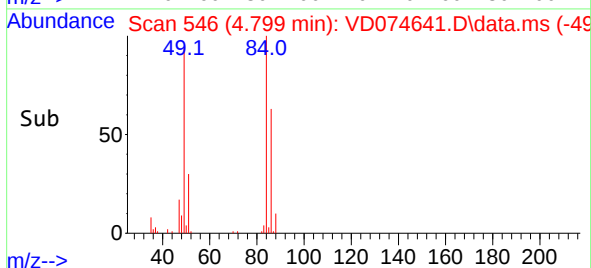
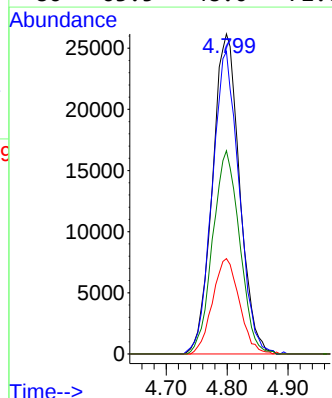
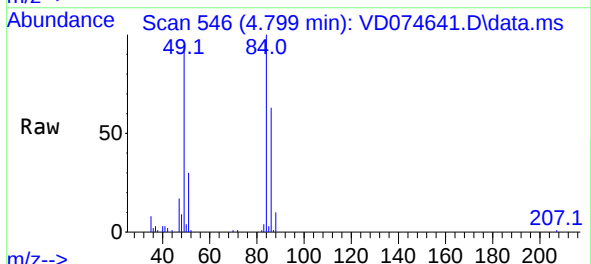
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

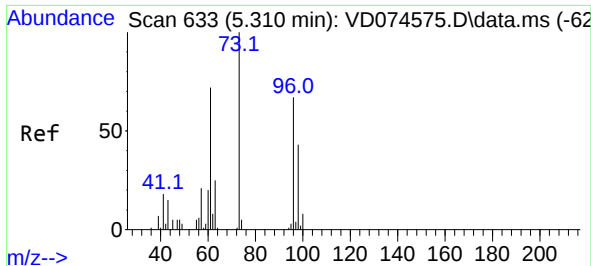
Tgt Ion: 73 Resp: 155152
Ion Ratio Lower Upper
73 100
57 19.5 16.1 24.1



#20
Methylene Chloride
Concen: 41.279 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 84 Resp: 80836
Ion Ratio Lower Upper
84 100
49 94.5 68.0 102.0
51 29.8 23.2 34.8
86 63.5 48.0 72.0

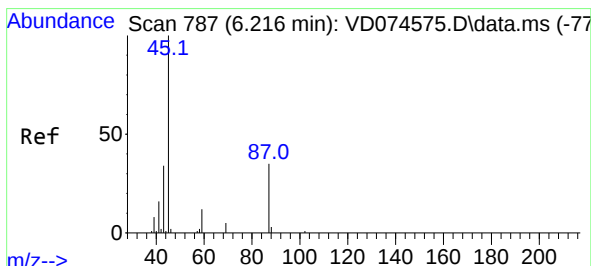
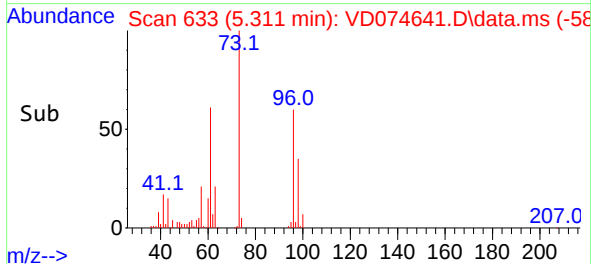
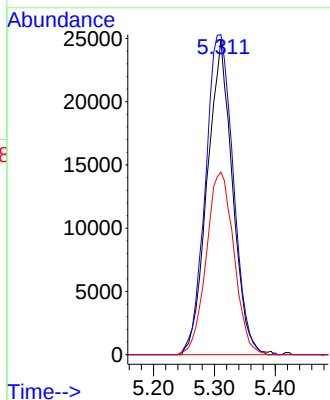
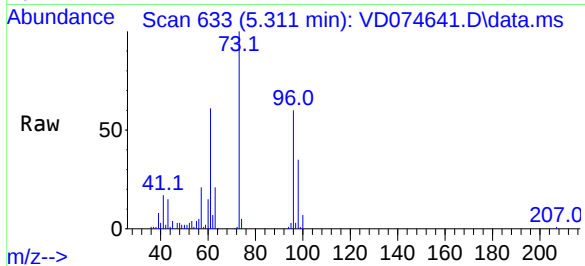




#21
trans-1,2-Dichloroethene
Concen: 41.274 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.001 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

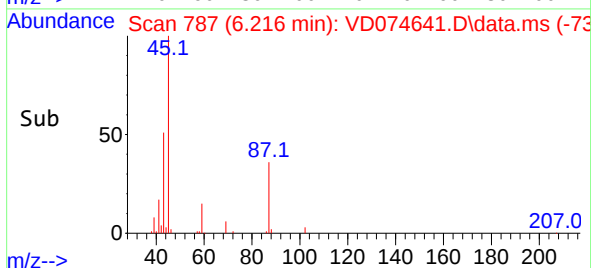
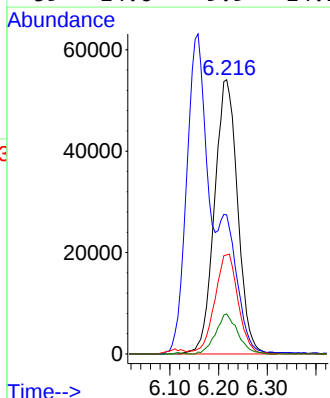
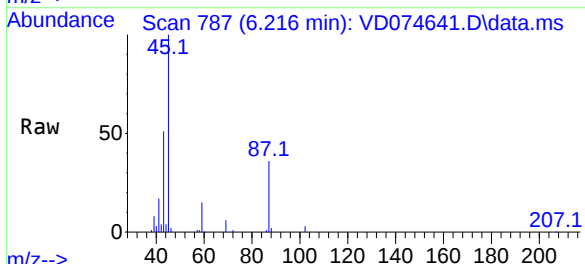
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

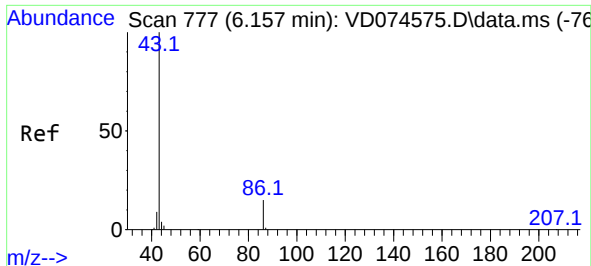
Tgt Ion: 96 Resp: 71671
Ion Ratio Lower Upper
96 100
61 101.7 95.7 143.5
98 58.0 54.8 82.2



#22
Diisopropyl ether
Concen: 52.742 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 45 Resp: 179034
Ion Ratio Lower Upper
45 100
43 50.1 37.8 56.6
87 35.8 26.6 40.0
59 14.6 9.9 14.9

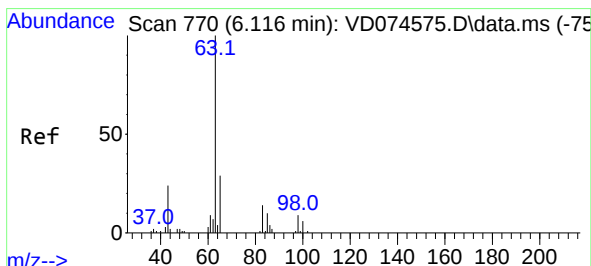
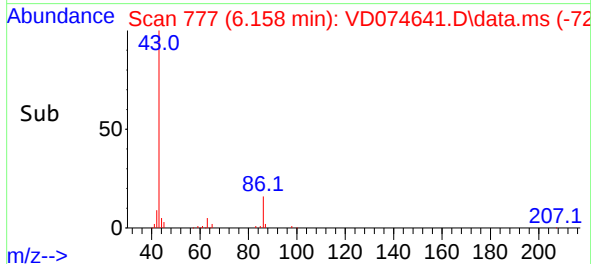
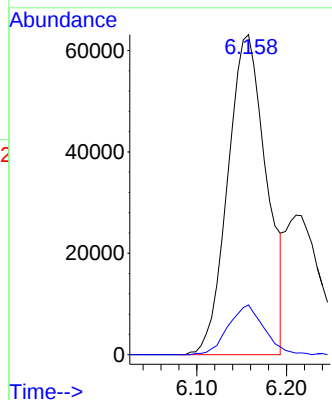
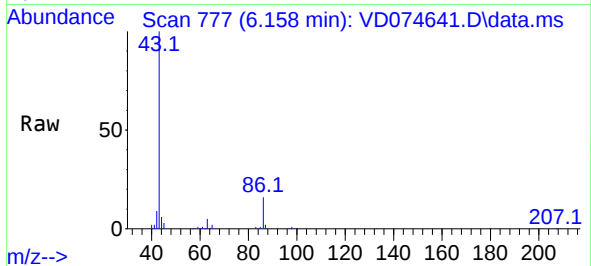




#23
 Vinyl Acetate
 Concen: 127.274 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD074641.D
 Acq: 25 Oct 2022 19:36

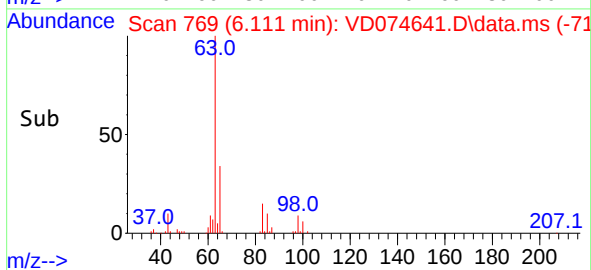
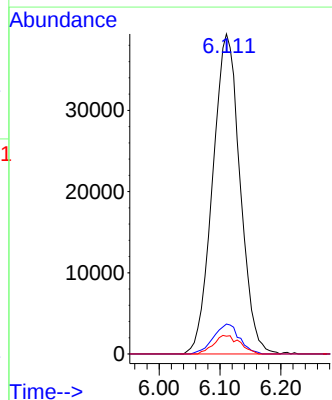
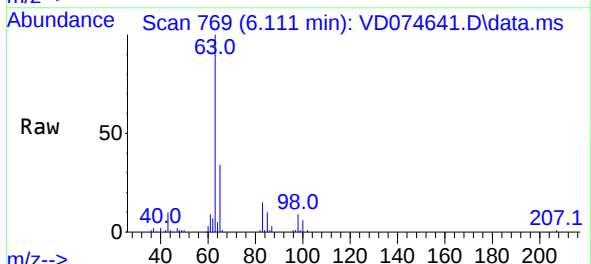
Instrument :
 MSVOA_D
 ClientSampleId :
 LSP-SS-01-00-20MSD

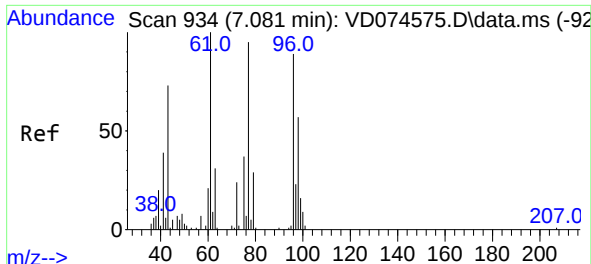
Tgt Ion: 43 Resp: 188926
 Ion Ratio Lower Upper
 43 100
 86 15.6 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 46.704 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD074641.D
 Acq: 25 Oct 2022 19:36

Tgt Ion: 63 Resp: 123046
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.6 13.8
 100 5.5 2.9 8.6

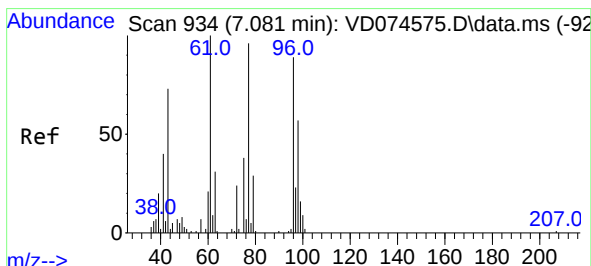
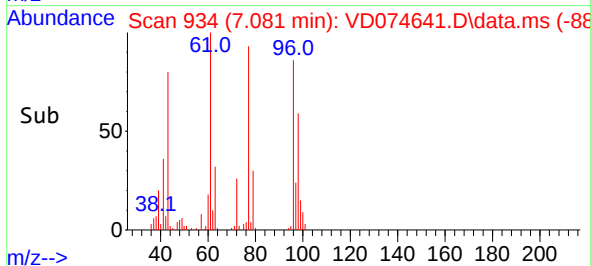
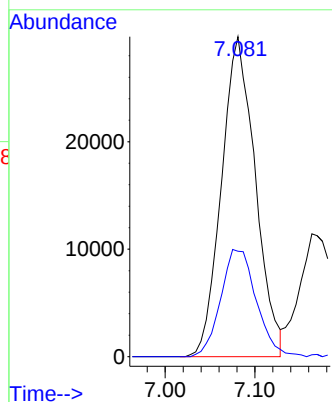
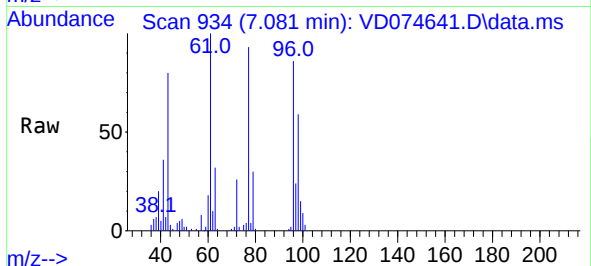




#25
2-Butanone
Concen: 238.752 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

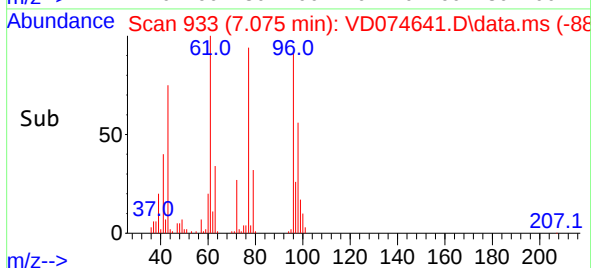
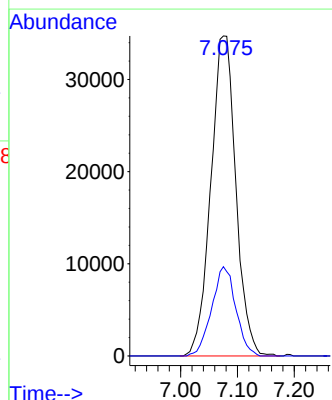
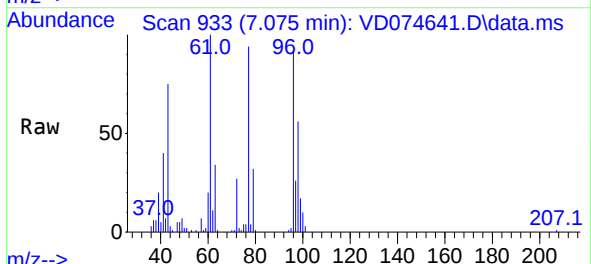
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

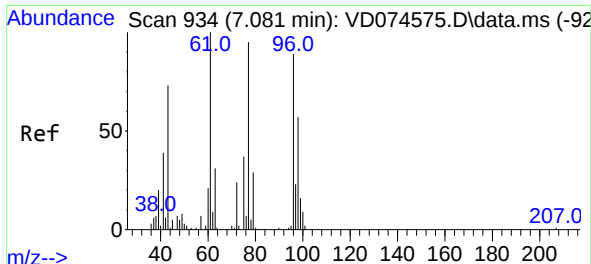
Tgt Ion: 43 Resp: 78044
Ion Ratio Lower Upper
43 100
72 33.0 25.8 38.8



#26
2,2-Dichloropropane
Concen: 42.117 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 77 Resp: 106053
Ion Ratio Lower Upper
77 100
97 26.9 12.5 37.5

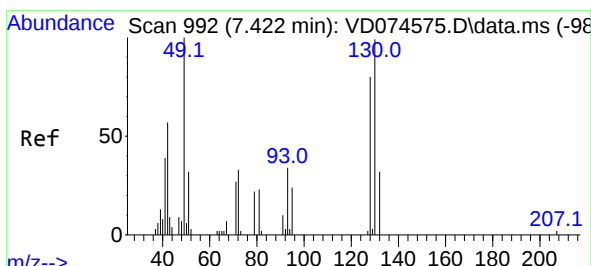
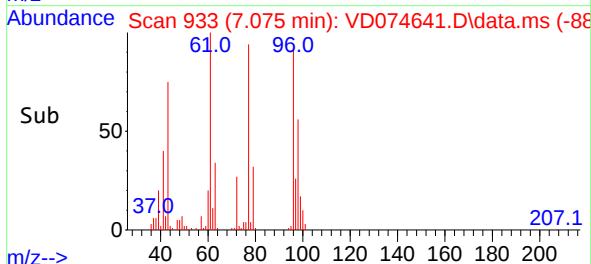
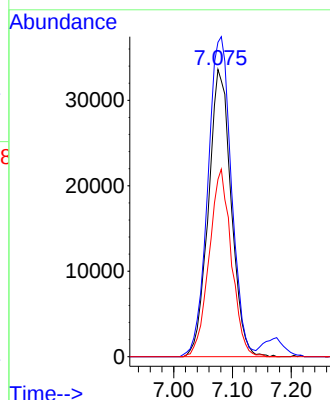
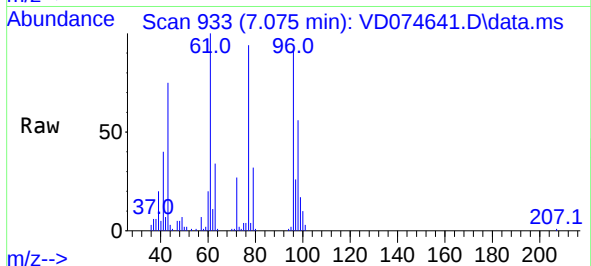




#27
 cis-1,2-Dichloroethene
 Concen: 46.907 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD074641.D
 Acq: 25 Oct 2022 19:36

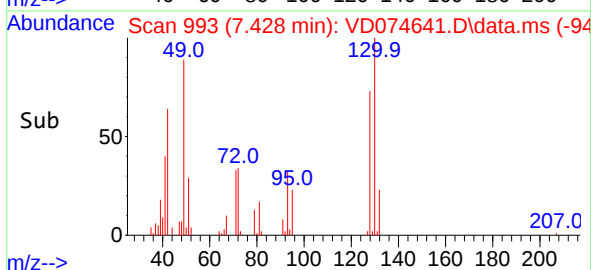
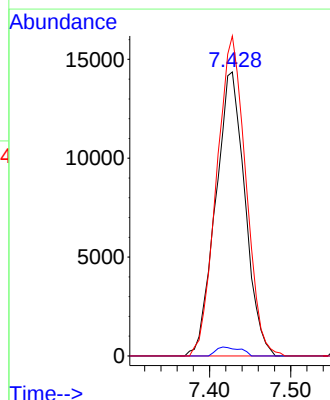
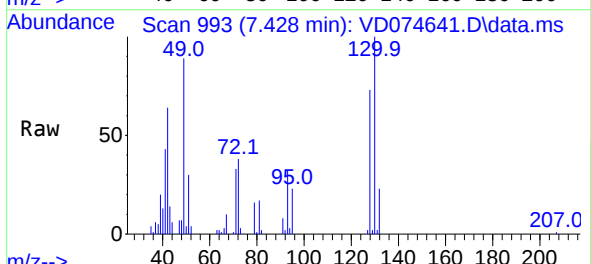
Instrument :
 MSVOA_D
 ClientSampleId :
 LSP-SS-01-00-20MSD

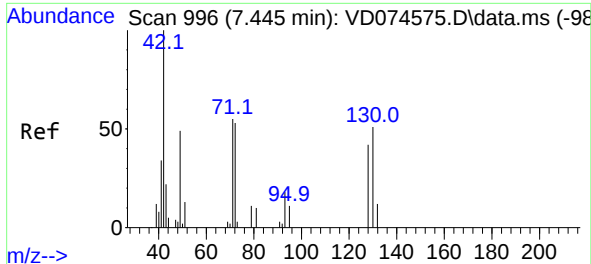
Tgt Ion: 96	Resp: 90343		
Ion Ratio	Lower	Upper	
96	100		
61	115.5	0.0	242.4
98	63.8	0.0	130.0



#28
 Bromochloromethane
 Concen: 50.788 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD074641.D
 Acq: 25 Oct 2022 19:36

Tgt Ion: 49	Resp: 36039		
Ion Ratio	Lower	Upper	
49 100			
129 2.6	0.0	5.0	
130 112.1	84.1	126.1	





#29

Tetrahydrofuran

Concen: 242.153 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

Instrument :

MSVOA_D

ClientSampleId :

LSP-SS-01-00-20MSD

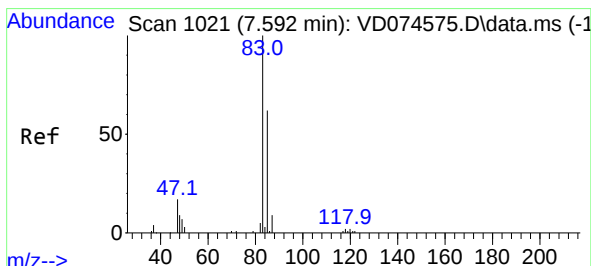
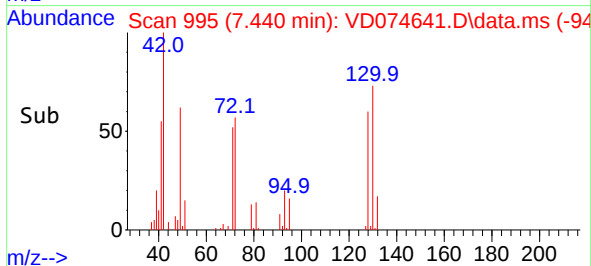
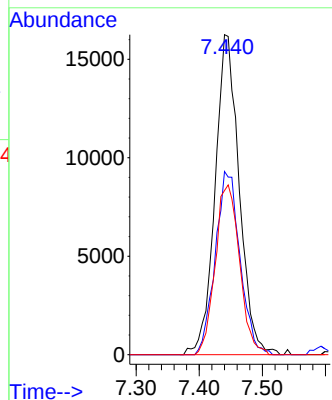
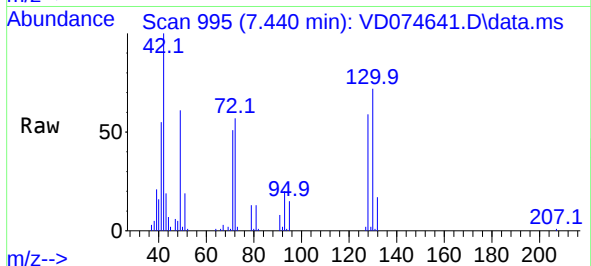
Tgt Ion: 42 Resp: 43173

Ion Ratio Lower Upper

42 100

72 58.6 45.8 68.6

71 53.5 44.6 66.8



#30

Chloroform

Concen: 48.551 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD074641.D

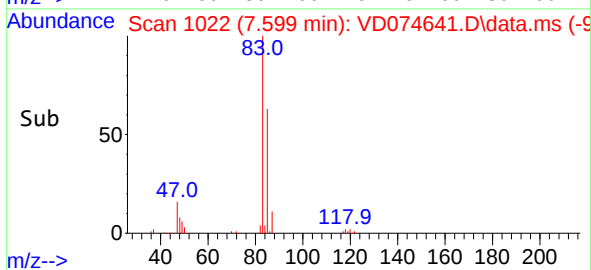
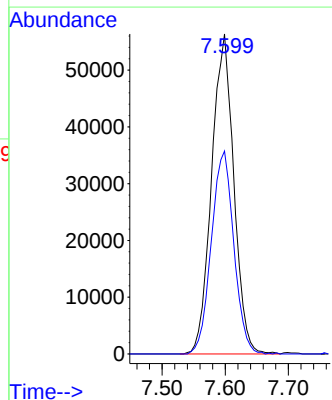
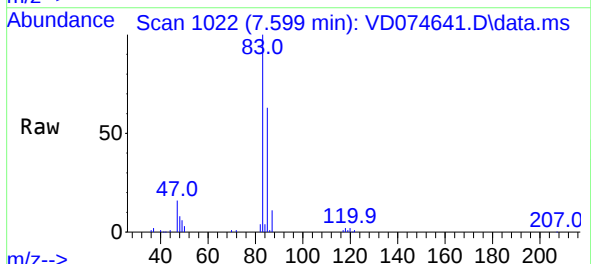
Acq: 25 Oct 2022 19:36

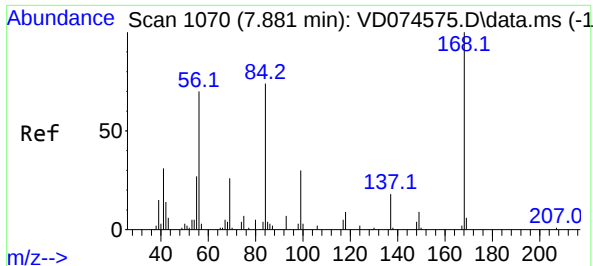
Tgt Ion: 83 Resp: 137635

Ion Ratio Lower Upper

83 100

85 63.4 52.0 78.0

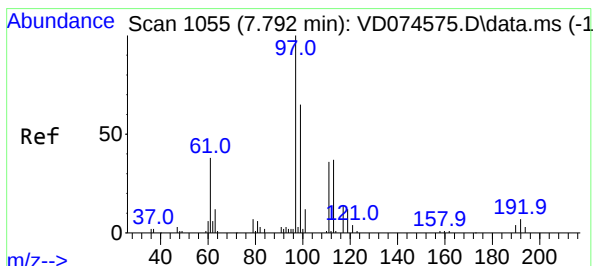
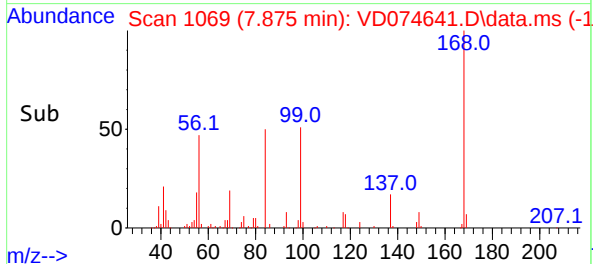
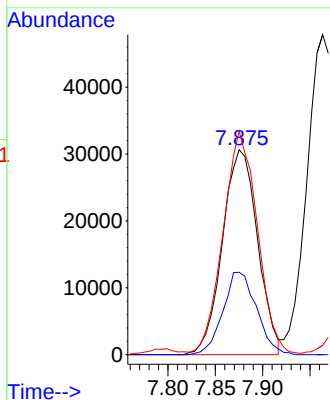
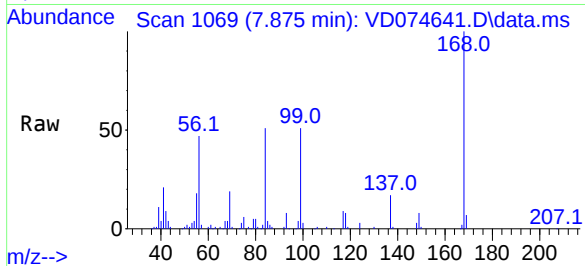




#31
Cyclohexane
Concen: 35.169 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

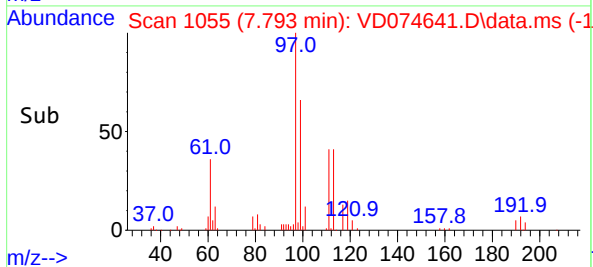
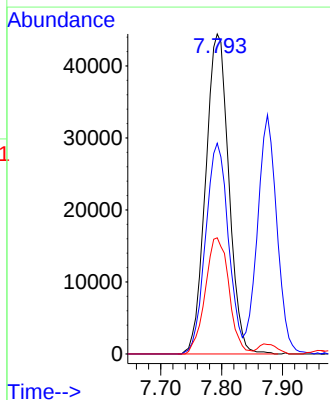
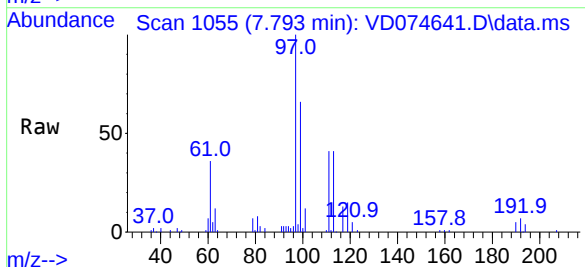
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

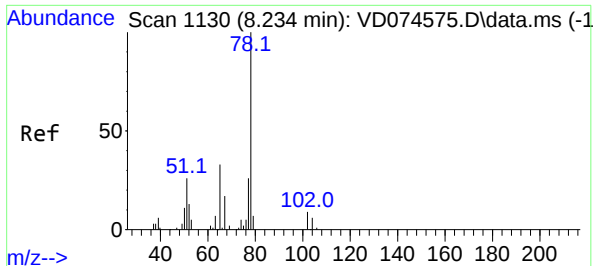
Tgt Ion: 56 Resp: 79085
Ion Ratio Lower Upper
56 100
69 40.2 29.2 43.8
84 107.6 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 45.170 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 97 Resp: 117428
Ion Ratio Lower Upper
97 100
99 64.9 53.3 79.9
61 37.3 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 39.025 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

Instrument :

MSVOA_D

ClientSampleId :

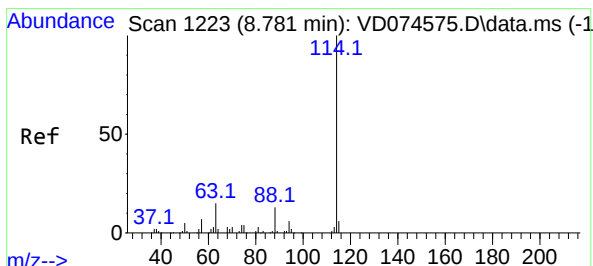
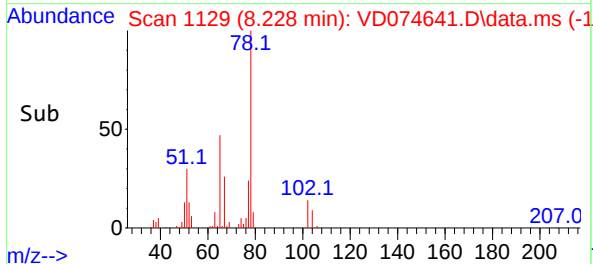
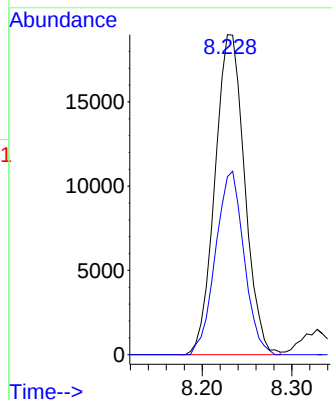
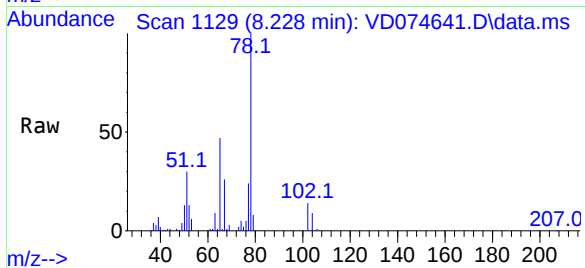
LSP-SS-01-00-20MSD

Tgt Ion: 65 Resp: 43686

Ion Ratio Lower Upper

65 100

67 55.0 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: VD074641.D

Acq: 25 Oct 2022 19:36

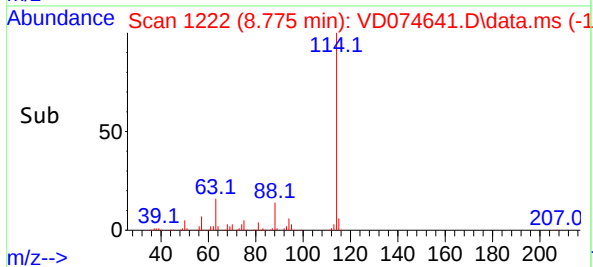
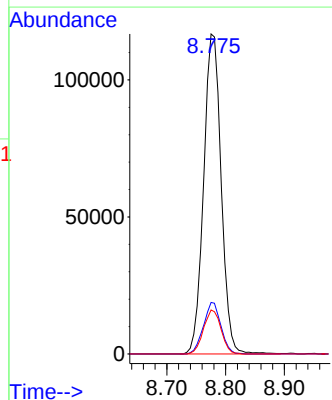
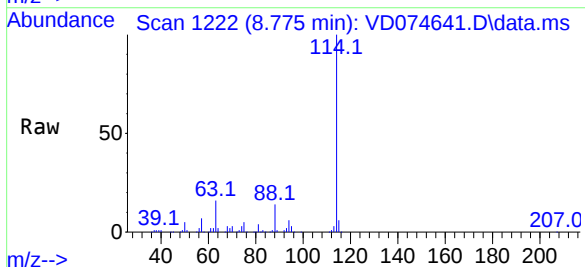
Tgt Ion: 114 Resp: 242172

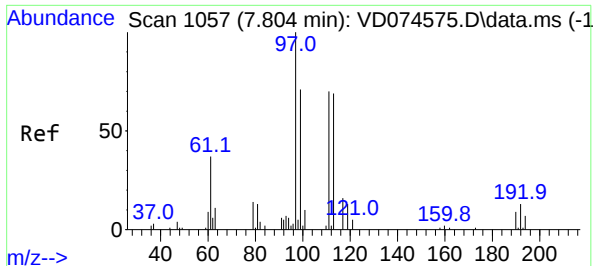
Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.2

88 13.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 43.550 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

Instrument :

MSVOA_D

ClientSampleId :

LSP-SS-01-00-20MSD

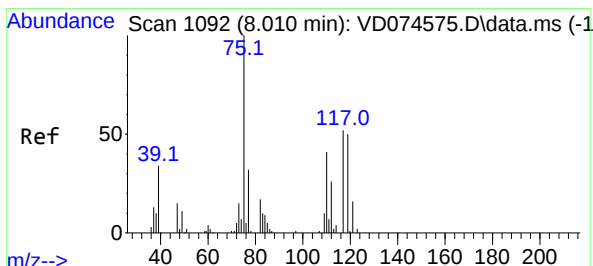
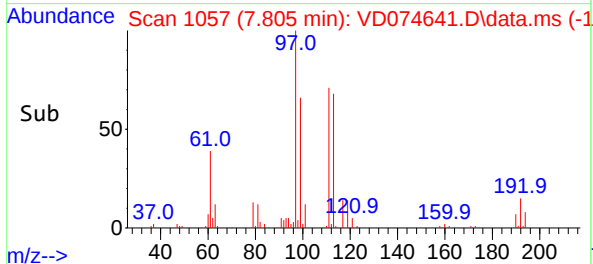
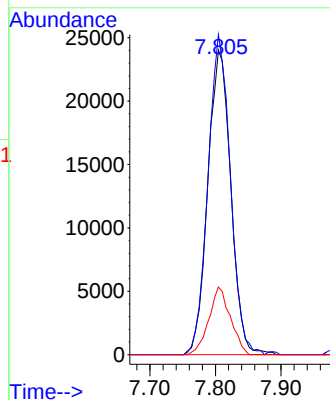
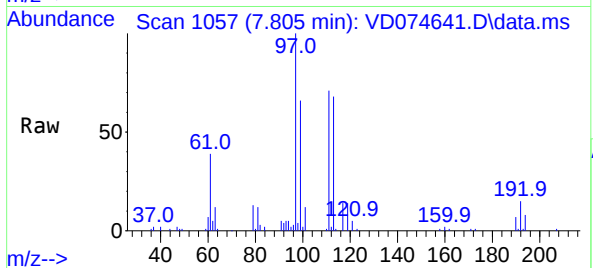
Tgt Ion:113 Resp: 58623

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

192 20.8 16.4 24.6



#36

1,1-Dichloropropene

Concen: 40.515 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

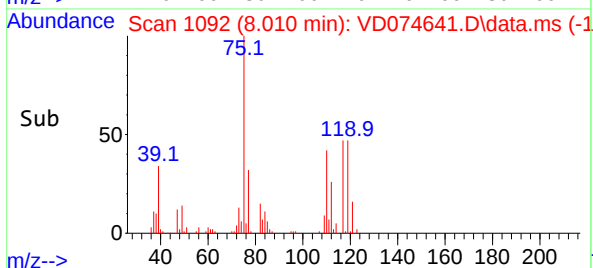
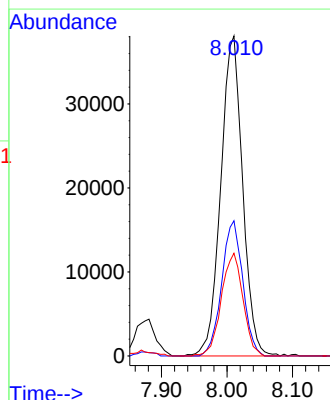
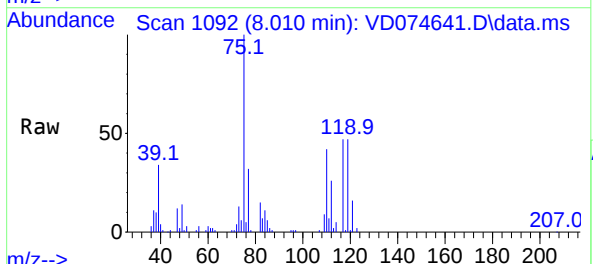
Tgt Ion: 75 Resp: 88141

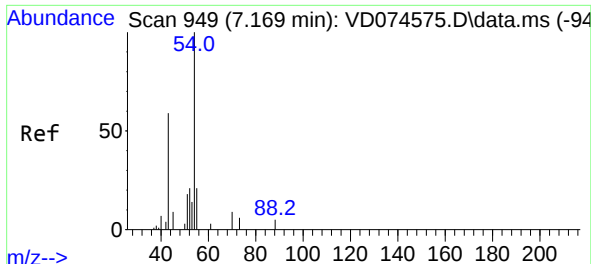
Ion Ratio Lower Upper

75 100

110 40.7 19.7 59.0

77 31.8 25.4 38.2





#37

Ethyl Acetate

Concen: 44.308 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

Instrument :

MSVOA_D

ClientSampleId :

LSP-SS-01-00-20MSD

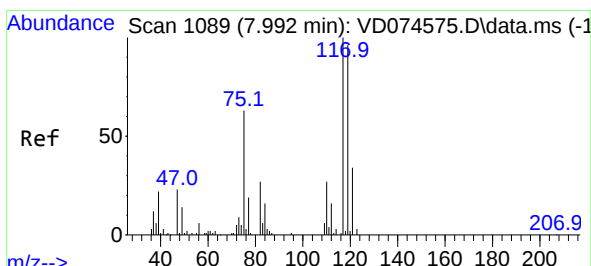
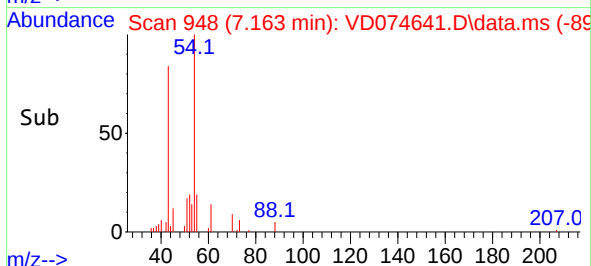
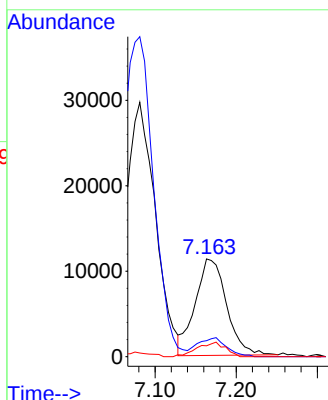
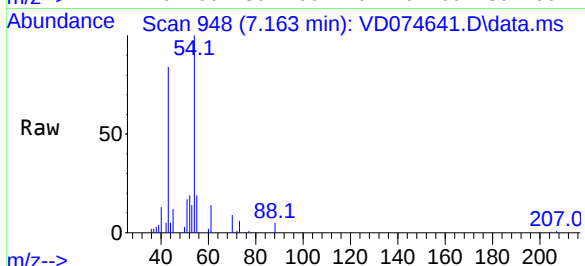
Tgt Ion: 43 Resp: 30413

Ion Ratio Lower Upper

43 100

61 18.0 12.2 18.4

70 13.4 9.6 14.4



#38

Carbon Tetrachloride

Concen: 42.918 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

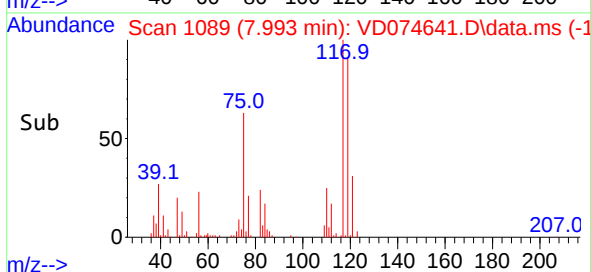
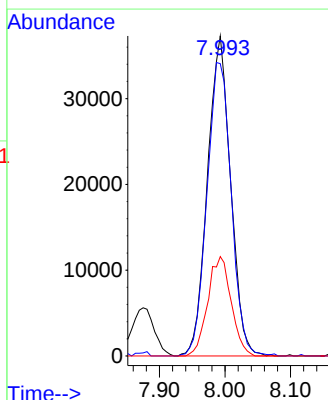
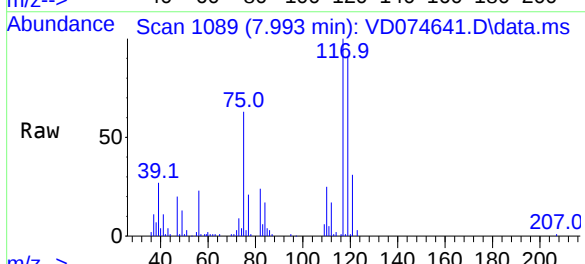
Tgt Ion: 117 Resp: 91430

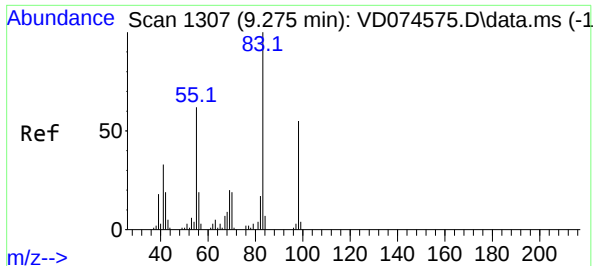
Ion Ratio Lower Upper

117 100

119 91.3 73.1 109.7

121 31.1 25.0 37.6





#39

Methylcyclohexane

Concen: 33.351 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

Instrument :

MSVOA_D

ClientSampleId :

LSP-SS-01-00-20MSD

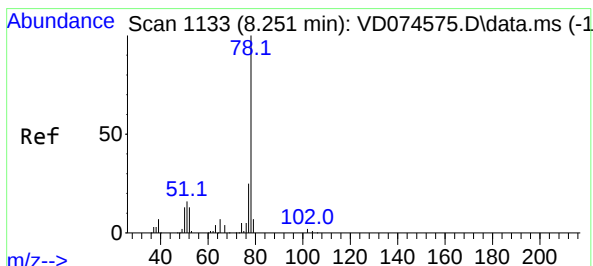
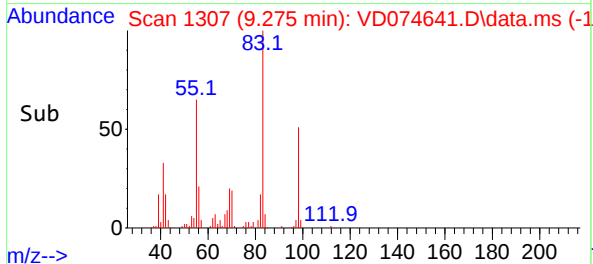
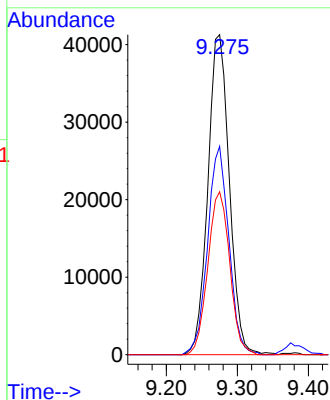
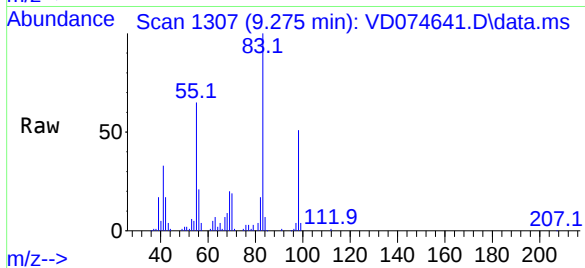
Tgt Ion: 83 Resp: 86693

Ion Ratio Lower Upper

83 100

55 65.1 49.0 73.4

98 50.9 41.7 62.5



#40

Benzene

Concen: 44.059 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074641.D

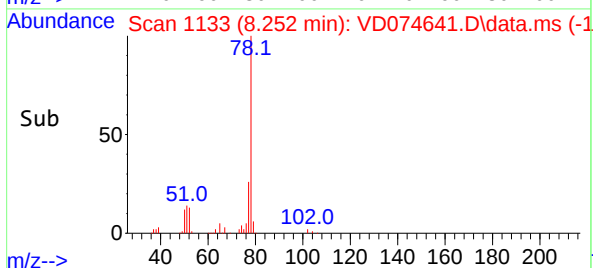
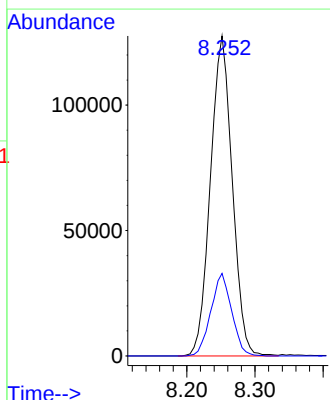
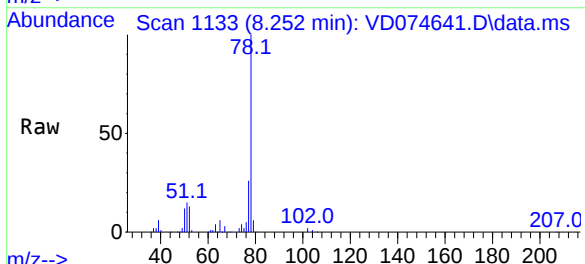
Acq: 25 Oct 2022 19:36

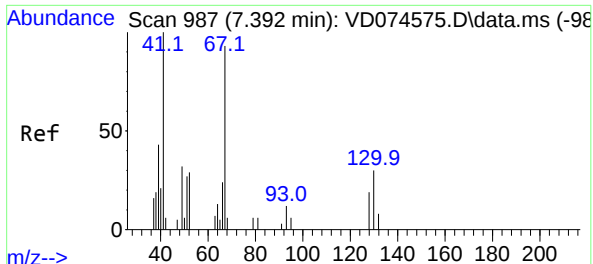
Tgt Ion: 78 Resp: 284475

Ion Ratio Lower Upper

78 100

77 25.8 20.1 30.1

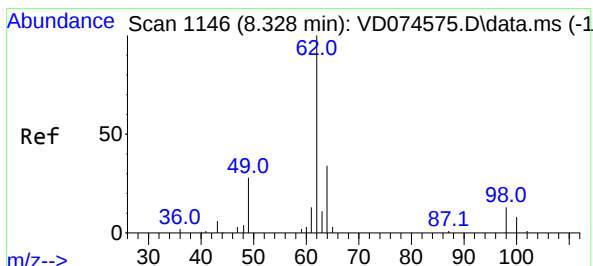
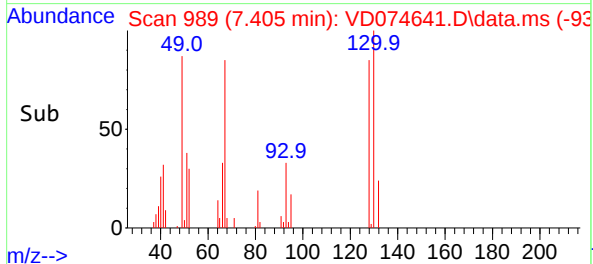
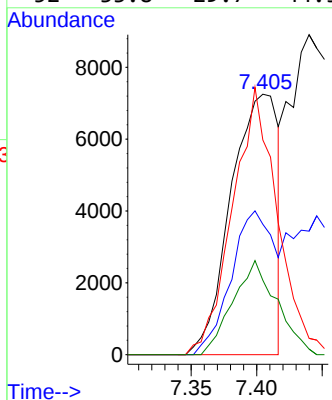
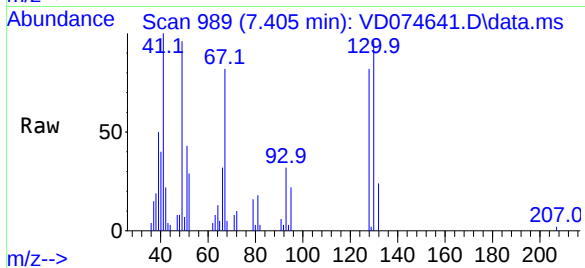




#41
Methacrylonitrile
Concen: 48.942 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

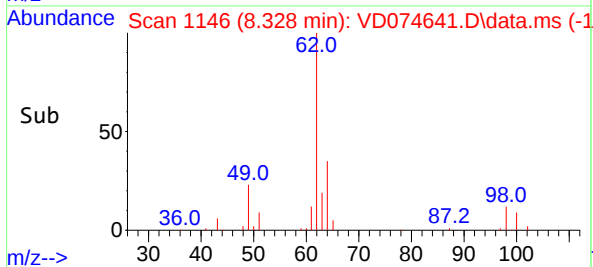
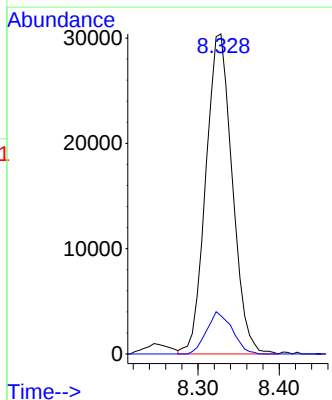
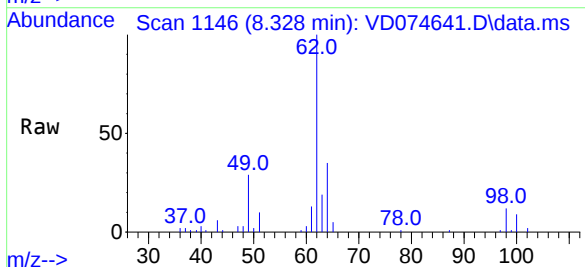
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

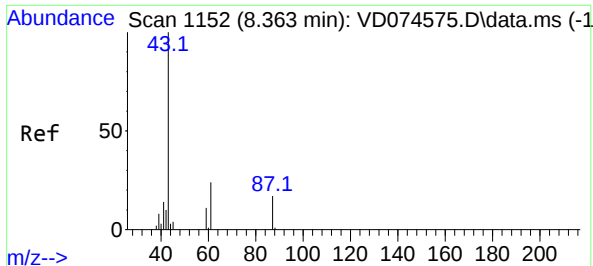
Tgt Ion: 41 Resp: 18100
Ion Ratio Lower Upper
41 100
39 50.8 35.0 52.6
67 97.8 77.0 115.6
52 33.8 29.7 44.5



#42
1,2-Dichloroethane
Concen: 46.218 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 62 Resp: 68862
Ion Ratio Lower Upper
62 100
98 12.7 0.0 24.2

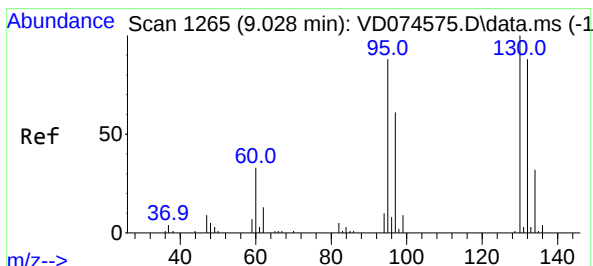
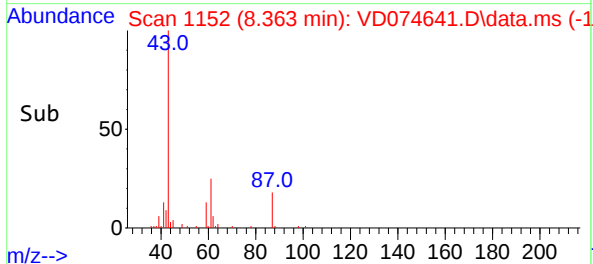
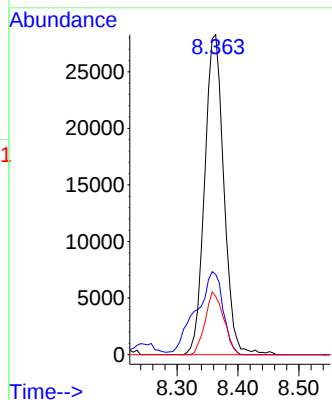
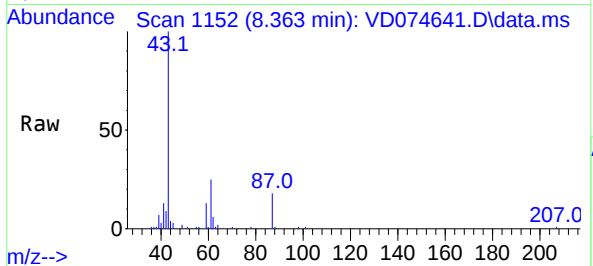




#43
Isopropyl Acetate
Concen: 48.572 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

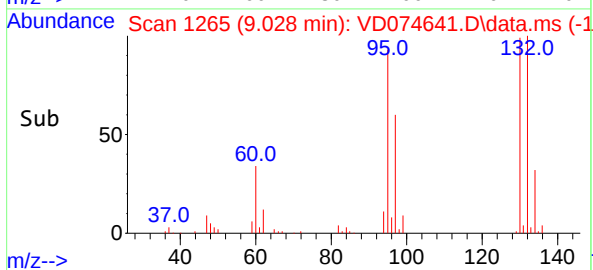
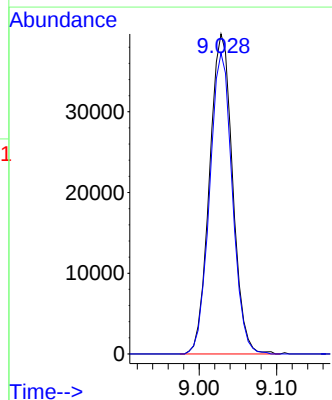
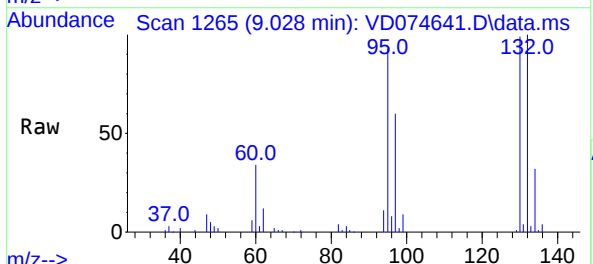
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

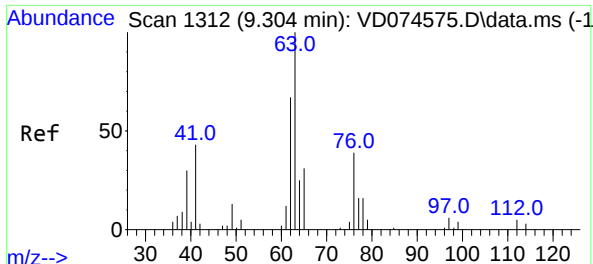
Tgt Ion: 43 Resp: 61960
Ion Ratio Lower Upper
43 100
61 36.4 30.9 46.3
87 19.0 14.3 21.5



#44
Trichloroethene
Concen: 43.343 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion:130 Resp: 81983
Ion Ratio Lower Upper
130 100
95 94.0 0.0 185.4





#45

1,2-Dichloropropane

Concen: 49.480 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

Instrument :

MSVOA_D

ClientSampleId :

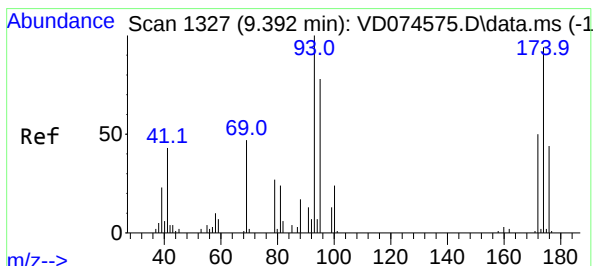
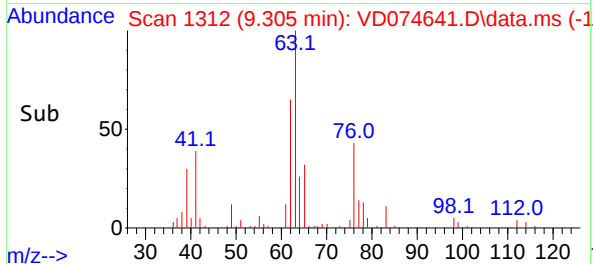
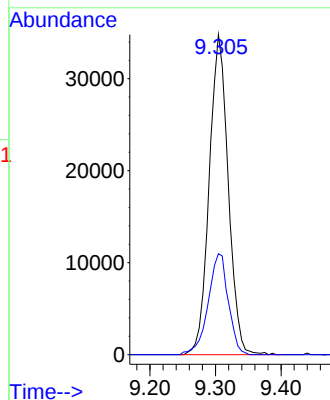
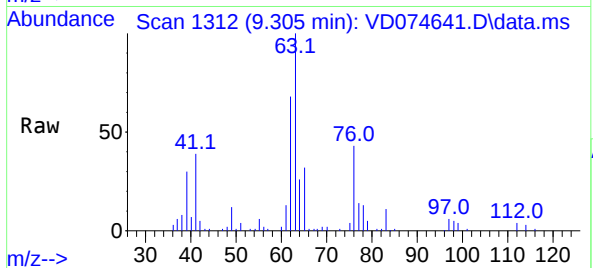
LSP-SS-01-00-20MSD

Tgt Ion: 63 Resp: 70111

Ion Ratio Lower Upper

63 100

65 31.6 23.1 34.7



#46

Dibromomethane

Concen: 47.967 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

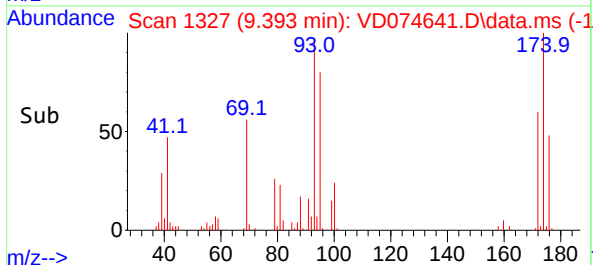
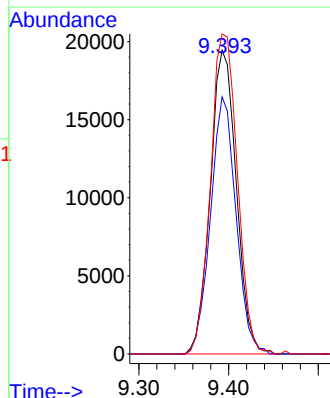
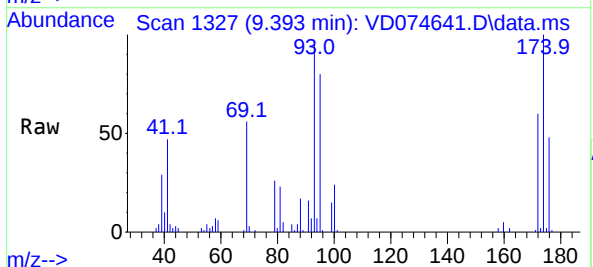
Tgt Ion: 93 Resp: 39220

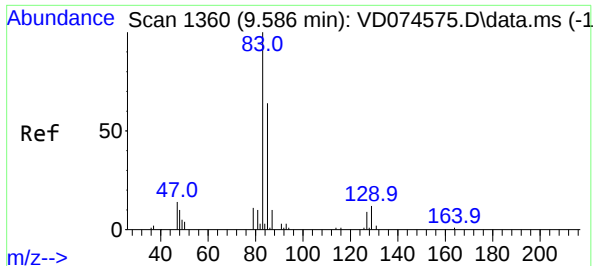
Ion Ratio Lower Upper

93 100

95 82.7 68.2 102.2

174 108.5 87.4 131.0

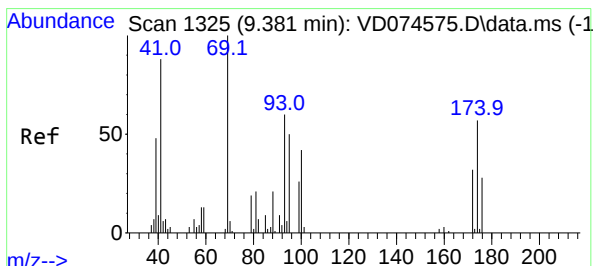
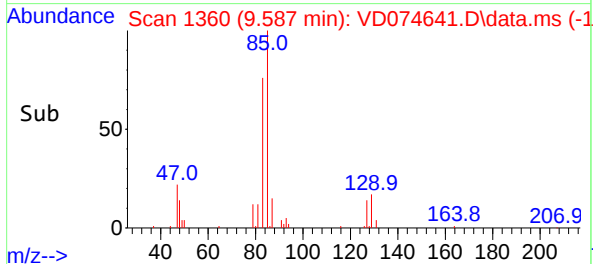
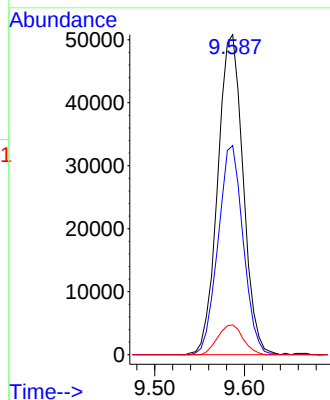
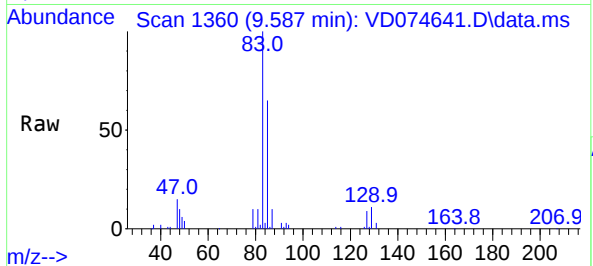




#47
Bromodichloromethane
Concen: 49.304 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

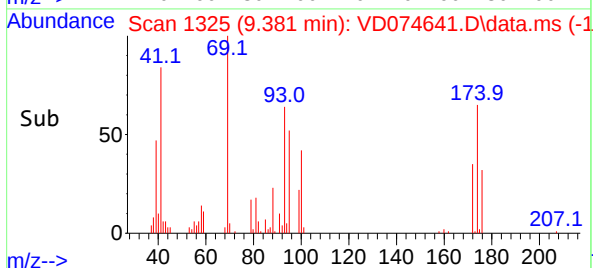
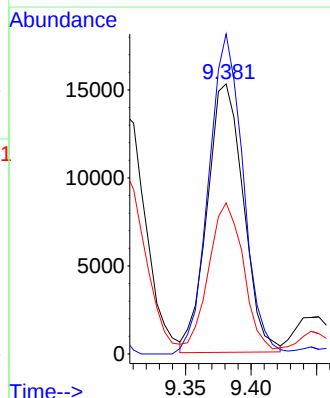
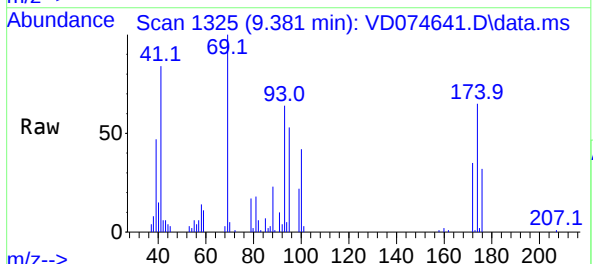
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

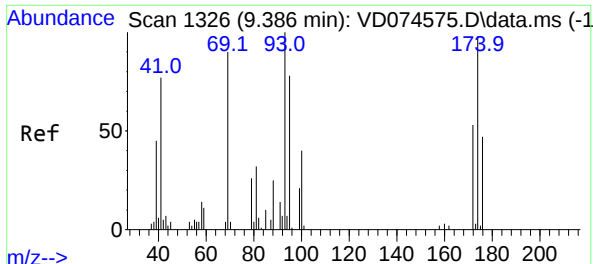
Tgt Ion: 83 Resp: 99742
Ion Ratio Lower Upper
83 100
85 65.3 48.8 73.2
127 9.3 6.7 10.1



#48
Methyl methacrylate
Concen: 50.288 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 41 Resp: 29317
Ion Ratio Lower Upper
41 100
69 113.2 93.0 139.4
39 55.5 44.6 66.8





#49

1,4-Dioxane

Concen: 1097.013 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

Instrument :

MSVOA_D

ClientSampleId :

LSP-SS-01-00-20MSD

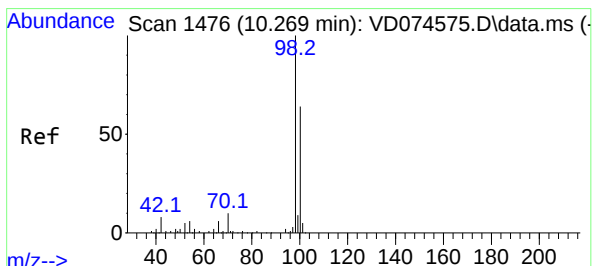
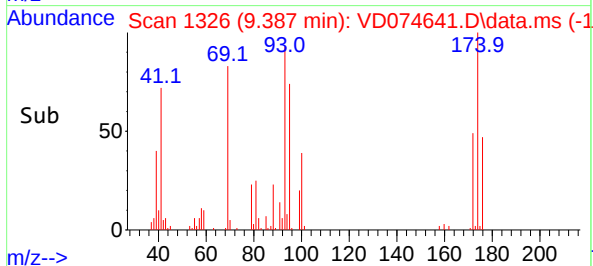
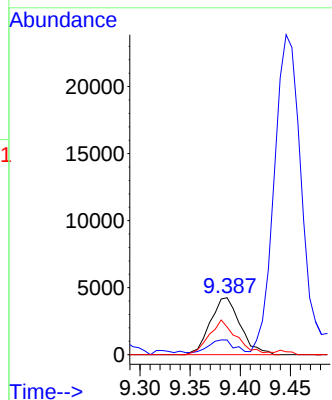
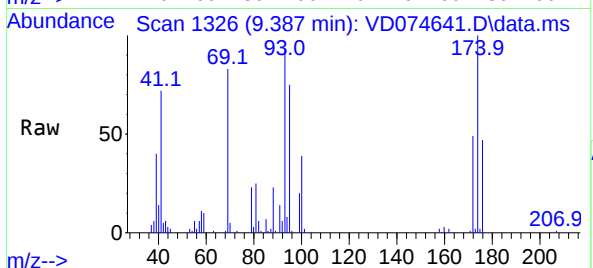
Tgt Ion: 88 Resp: 8828

Ion Ratio Lower Upper

88 100

43 18.2 24.1 36.1#

58 56.9 43.1 64.7



#50

Toluene-d8

Concen: 35.088 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074641.D

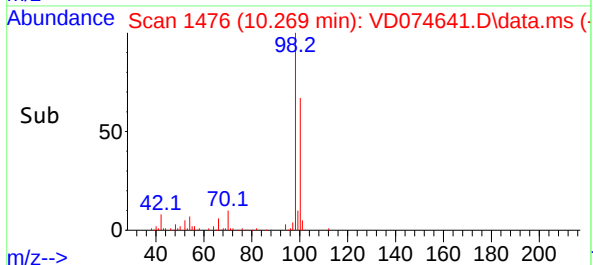
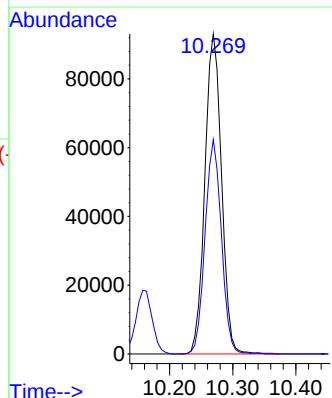
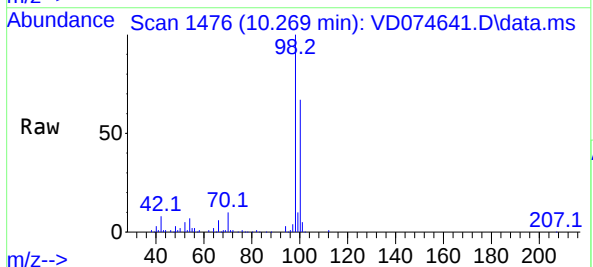
Acq: 25 Oct 2022 19:36

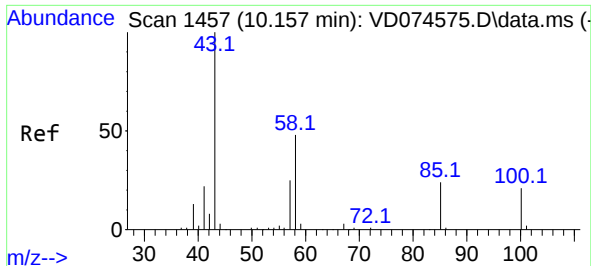
Tgt Ion: 98 Resp: 170076

Ion Ratio Lower Upper

98 100

100 65.8 51.4 77.0

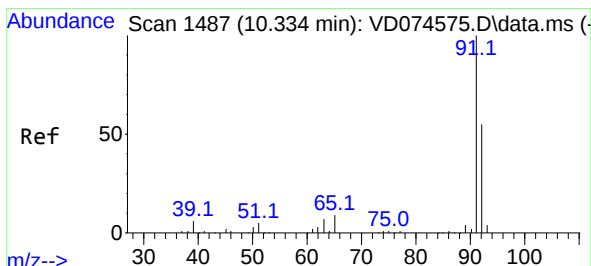
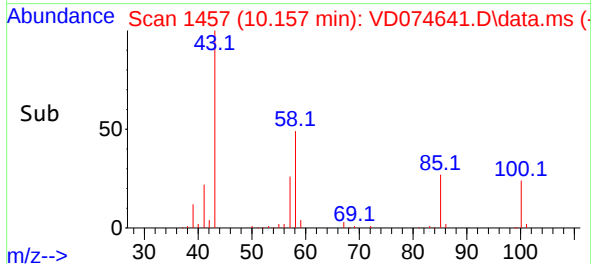
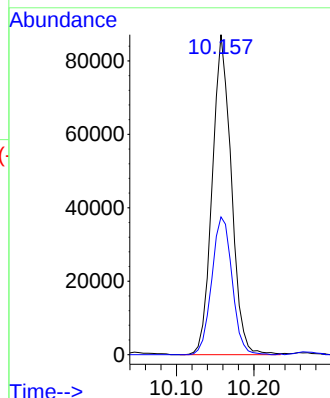
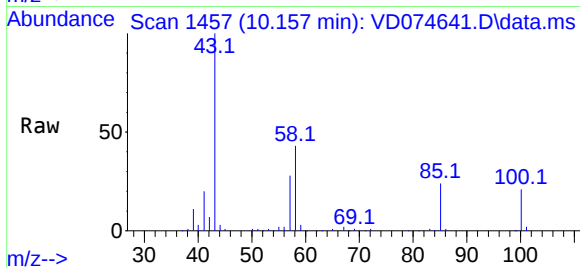




#51
4-Methyl-2-Pentanone
Concen: 234.588 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

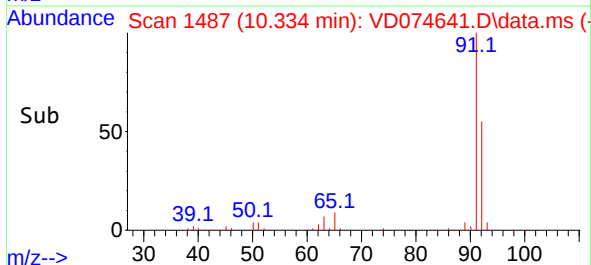
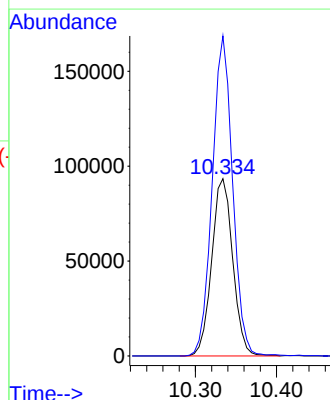
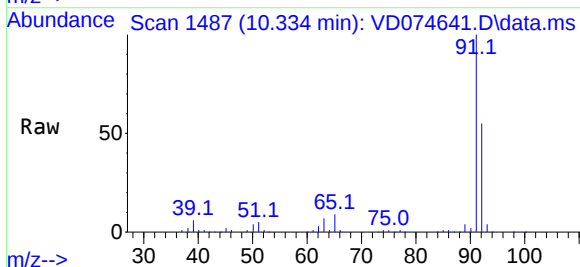
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

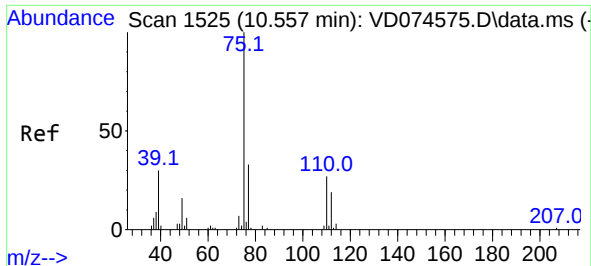
Tgt Ion: 43 Resp: 148846
Ion Ratio Lower Upper
43 100
58 45.9 37.8 56.6



#52
Toluene
Concen: 42.248 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 92 Resp: 168227
Ion Ratio Lower Upper
92 100
91 174.8 139.0 208.4

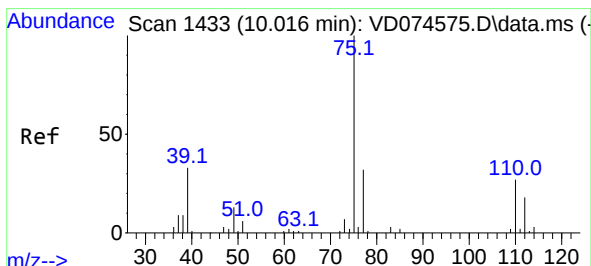
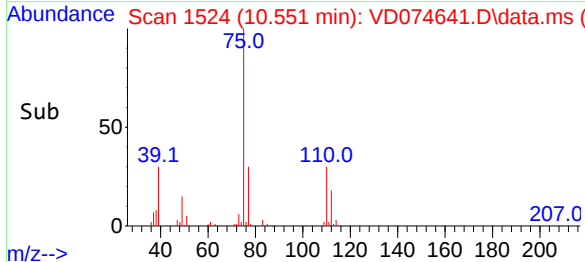
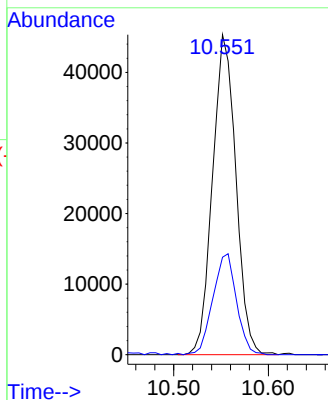
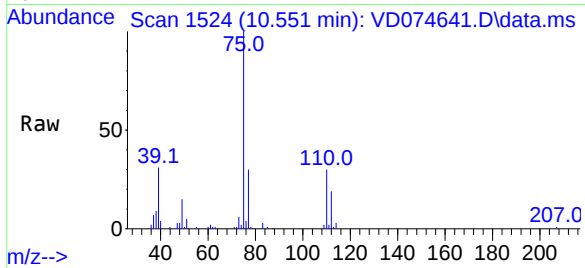




#53
t-1,3-Dichloropropene
Concen: 43.650 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

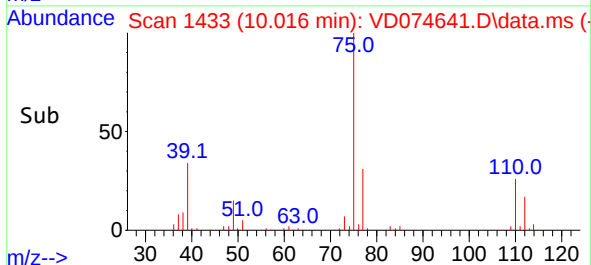
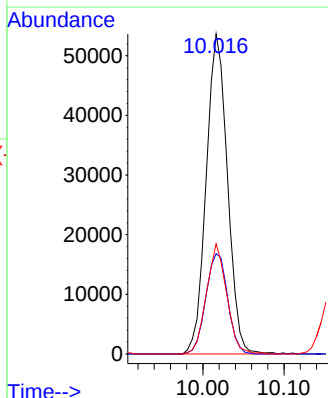
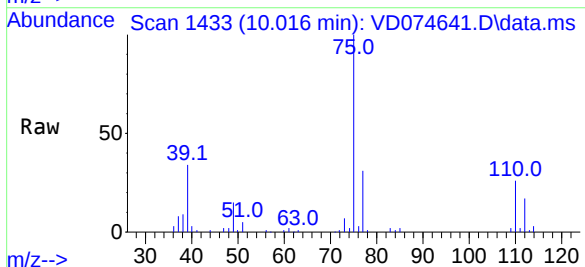
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

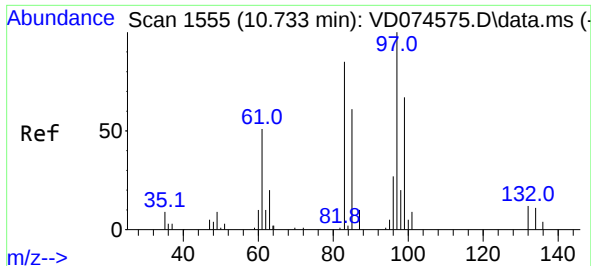
Tgt Ion: 75 Resp: 77640
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 43.498 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 75 Resp: 97553
Ion Ratio Lower Upper
75 100
77 31.4 24.7 37.1
39 34.4 25.4 38.2



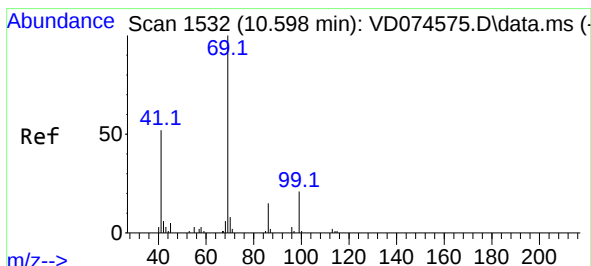
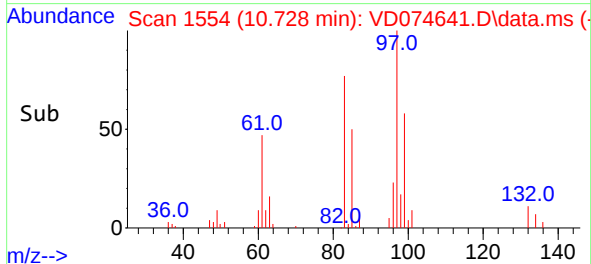
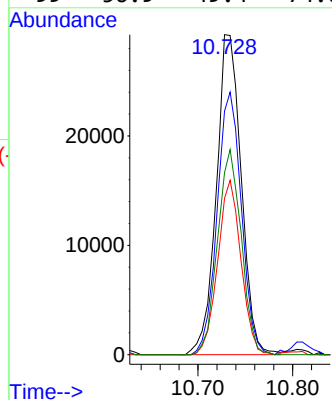
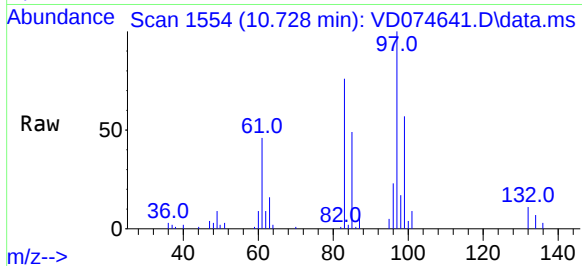


#55
1,1,2-Trichloroethane
Concen: 47.726 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

Tgt Ion: 97 Resp: 53616

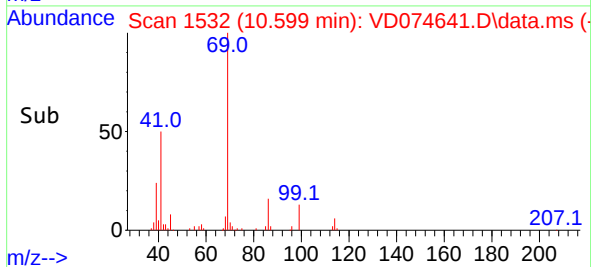
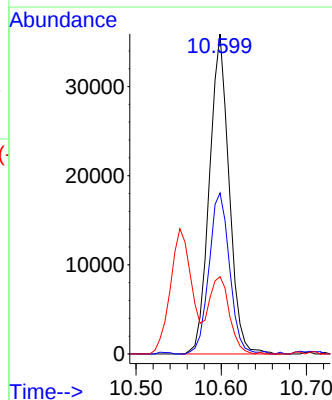
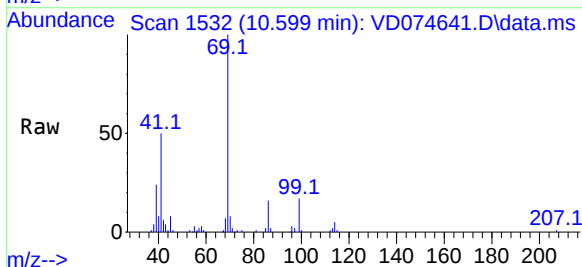
Ion	Ratio	Lower	Upper
97	100		
83	76.1	64.8	97.2
85	48.9	44.8	67.2
99	56.9	49.4	74.0

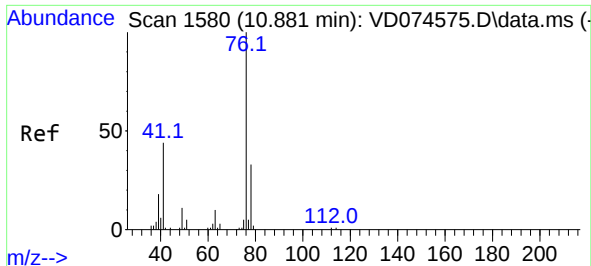


#56
Ethyl methacrylate
Concen: 46.909 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 69 Resp: 57605

Ion	Ratio	Lower	Upper
69	100		
41	52.8	38.6	58.0
39	25.7	19.9	29.9





#57

1,3-Dichloropropane

Concen: 45.377 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.006 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

Instrument :

MSVOA_D

ClientSampleId :

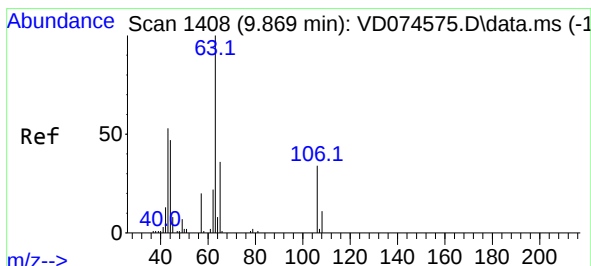
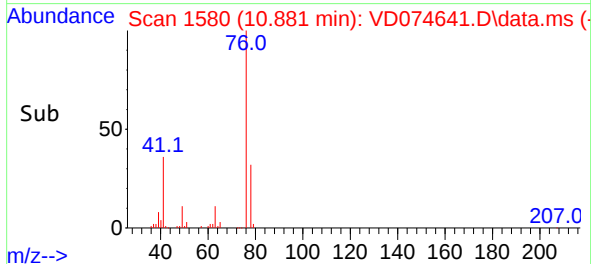
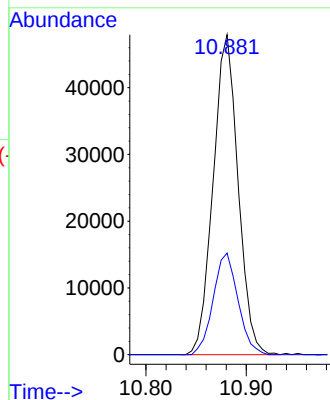
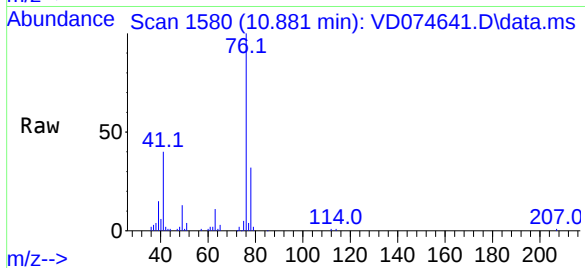
LSP-SS-01-00-20MSD

Tgt Ion: 76 Resp: 82696

Ion Ratio Lower Upper

76 100

78 31.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 213.189 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074641.D

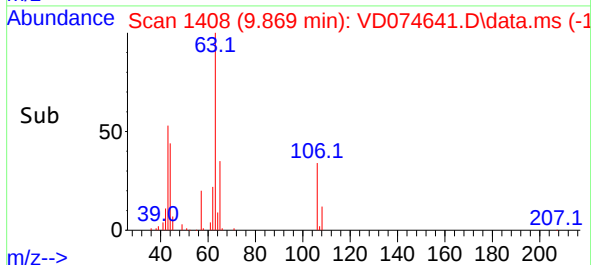
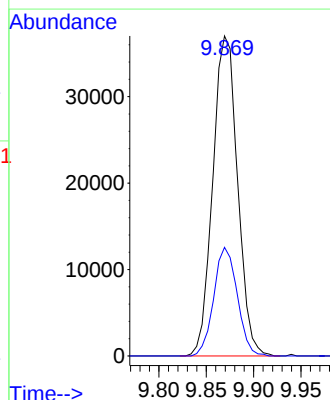
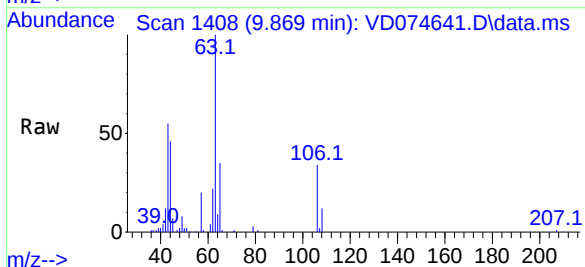
Acq: 25 Oct 2022 19:36

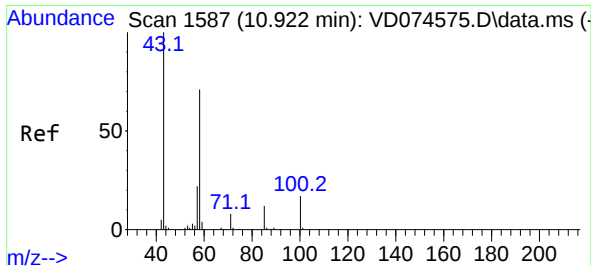
Tgt Ion: 63 Resp: 67315

Ion Ratio Lower Upper

63 100

106 32.2 26.5 39.7

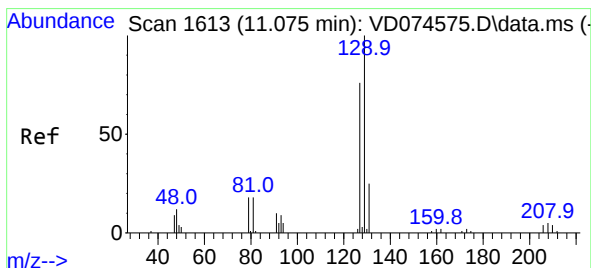
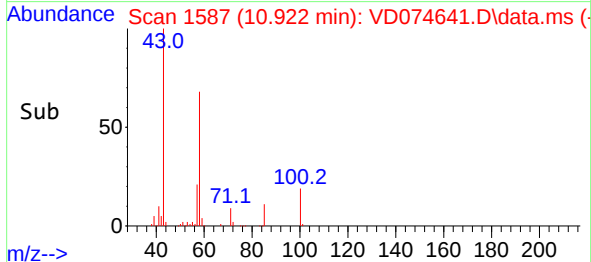
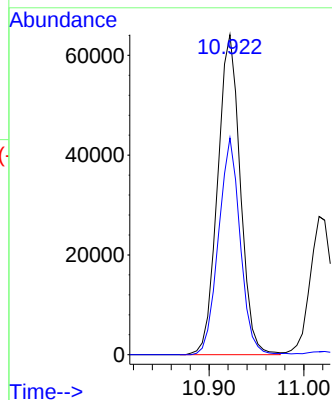
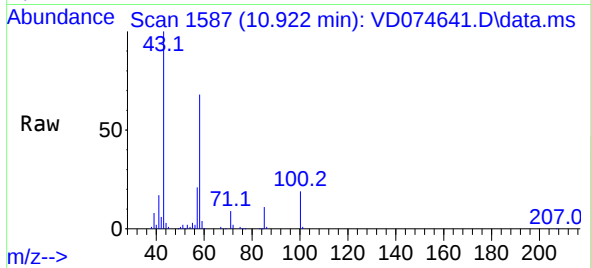




#59
2-Hexanone
Concen: 246.223 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

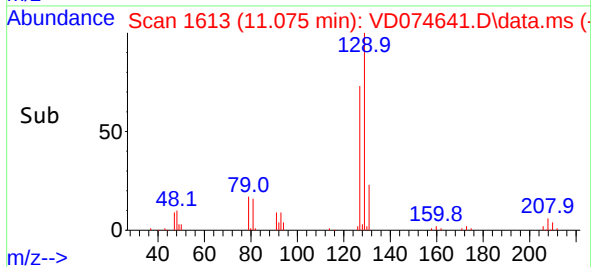
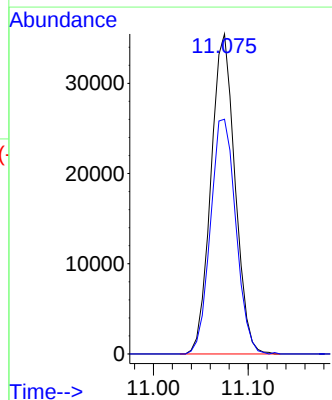
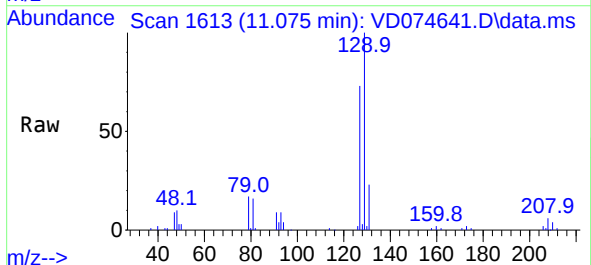
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

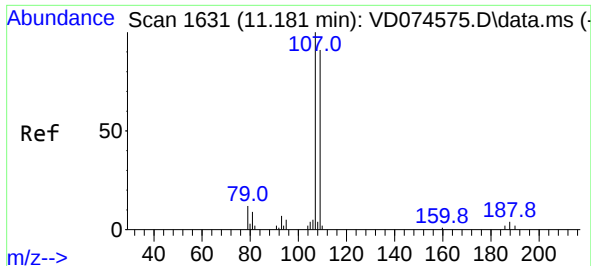
Tgt Ion: 43 Resp: 106633
Ion Ratio Lower Upper
43 100
58 64.9 32.0 96.2



#60
Dibromochloromethane
Concen: 46.260 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 129 Resp: 62640
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2

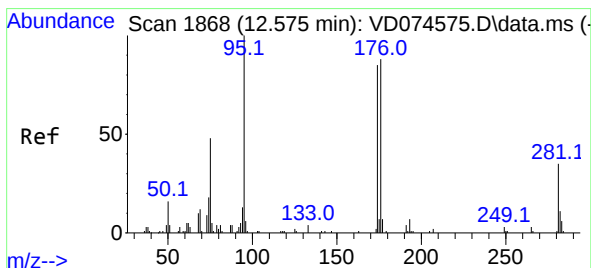
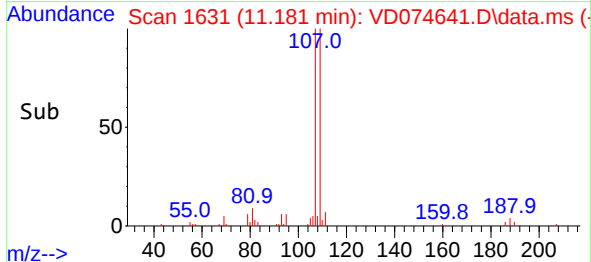
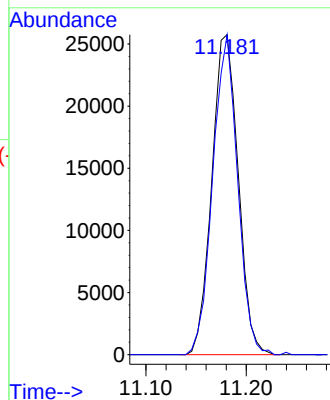
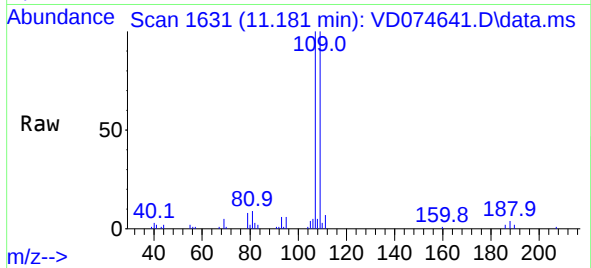




#61
1,2-Dibromoethane
Concen: 45.875 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

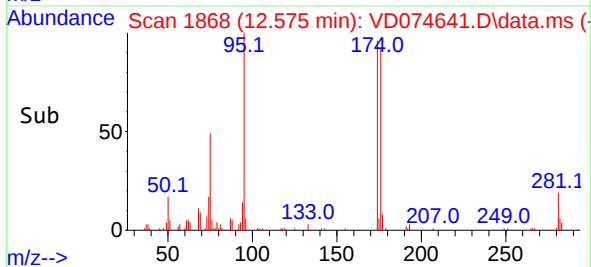
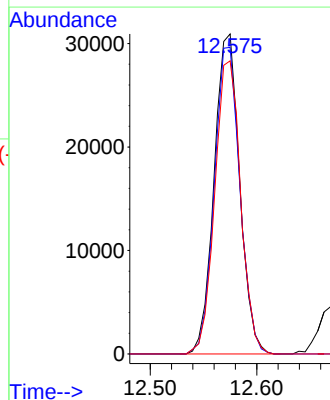
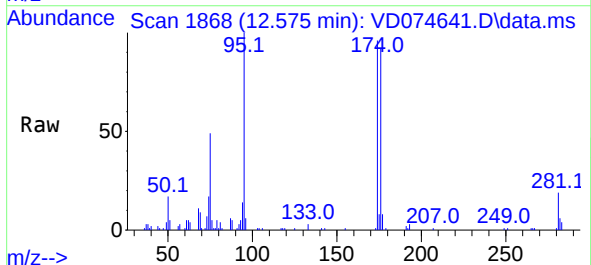
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

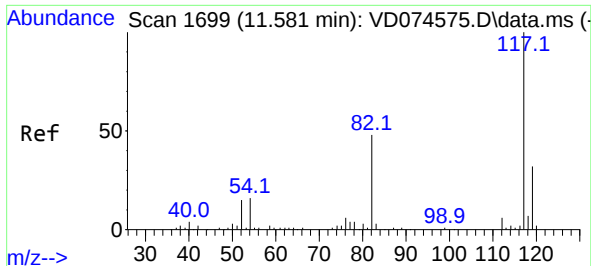
Tgt Ion:107 Resp: 47044
Ion Ratio Lower Upper
107 100
109 94.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 36.307 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 95 Resp: 51368
Ion Ratio Lower Upper
95 100
174 95.9 0.0 197.0
176 92.8 0.0 182.6

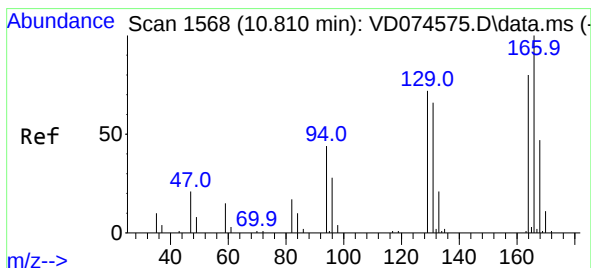
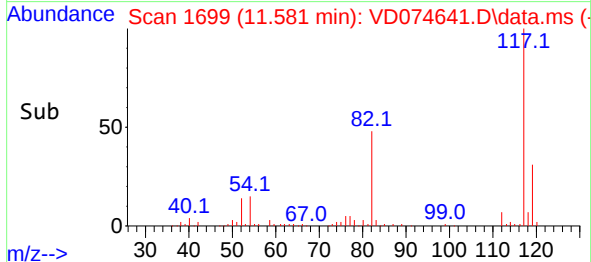
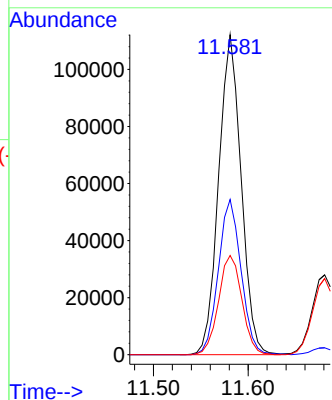
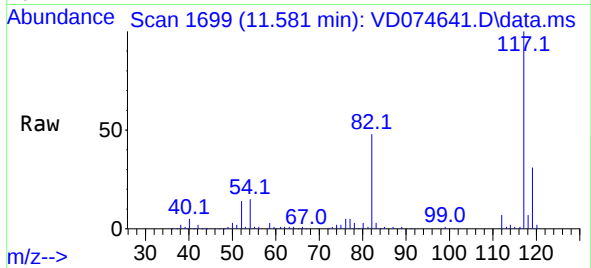




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

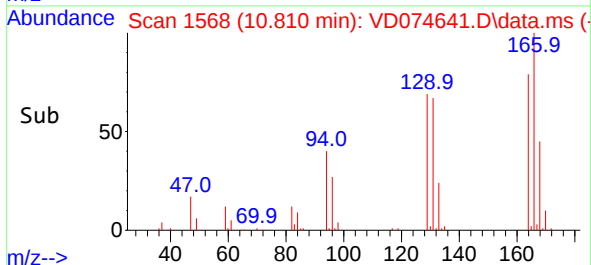
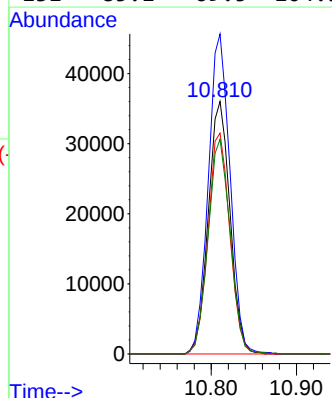
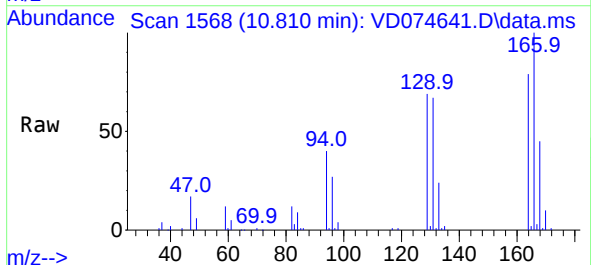
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

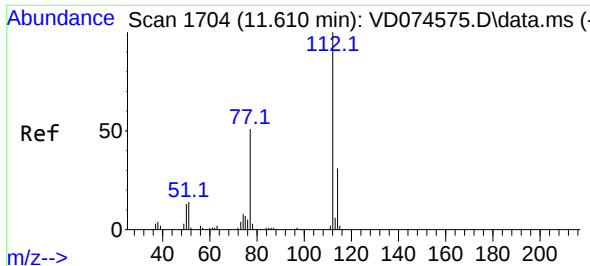
Tgt Ion:117 Resp: 185381
Ion Ratio Lower Upper
117 100
82 48.5 41.6 62.4
119 31.0 25.2 37.8



#64
Tetrachloroethene
Concen: 46.692 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion:164 Resp: 63981
Ion Ratio Lower Upper
164 100
166 126.7 107.8 161.8
129 87.5 77.4 116.2
131 85.1 69.5 104.3

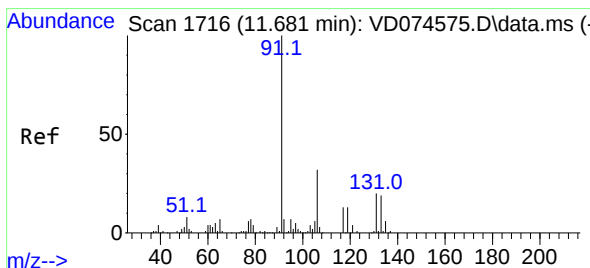
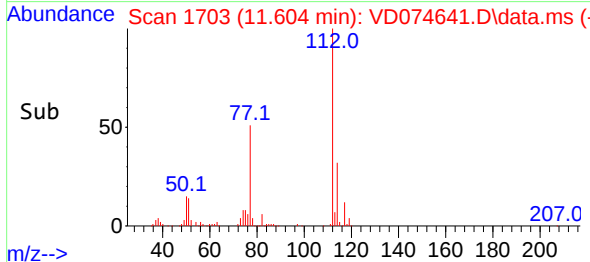
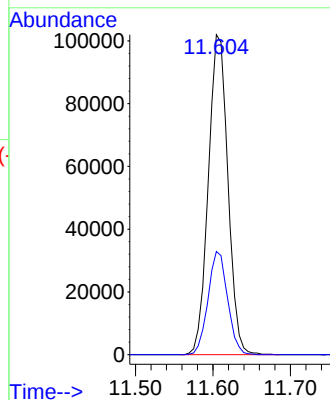
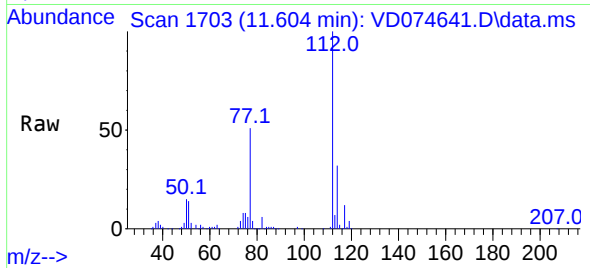




#65
Chlorobenzene
Concen: 45.798 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

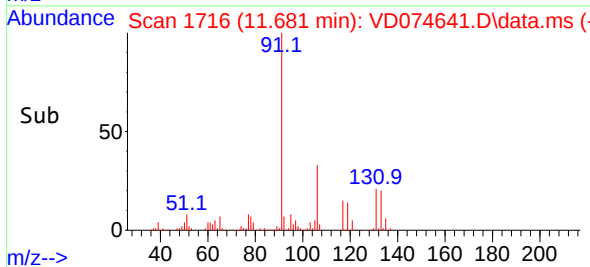
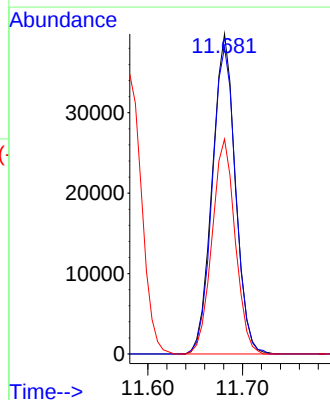
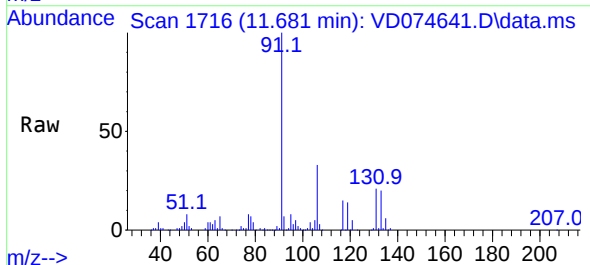
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

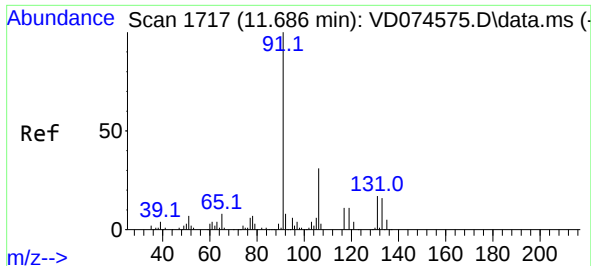
Tgt Ion:112 Resp: 178832
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.094 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion:131 Resp: 67205
Ion Ratio Lower Upper
131 100
133 97.3 46.6 139.8
119 67.4 32.5 97.4

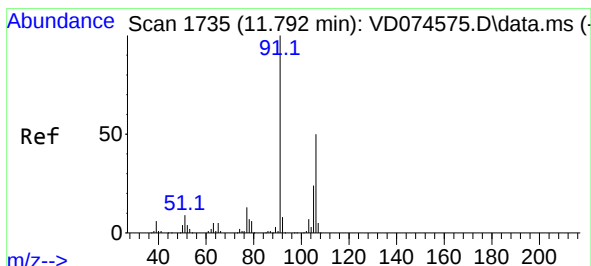
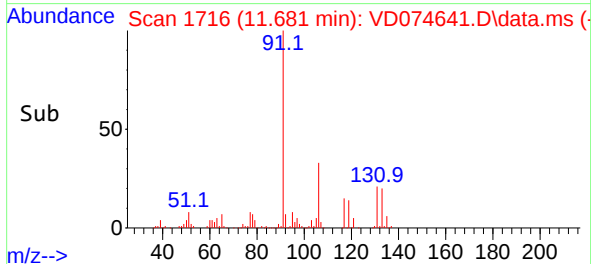
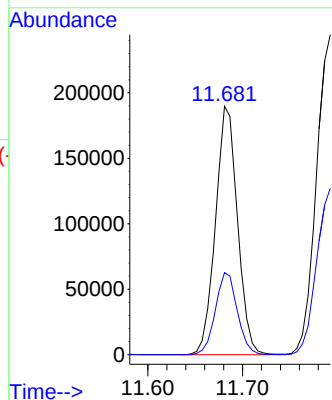
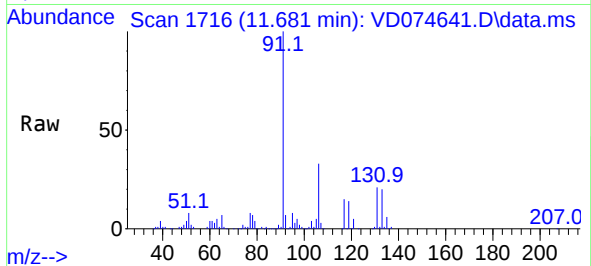




#67
Ethyl Benzene
Concen: 45.112 ug/l
RT: 11.681 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

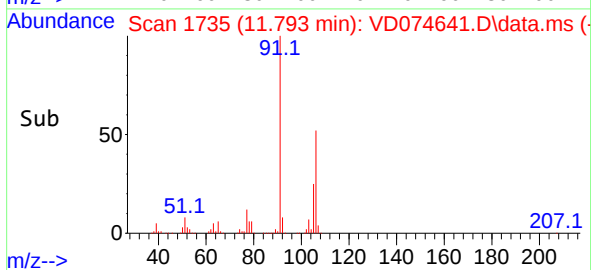
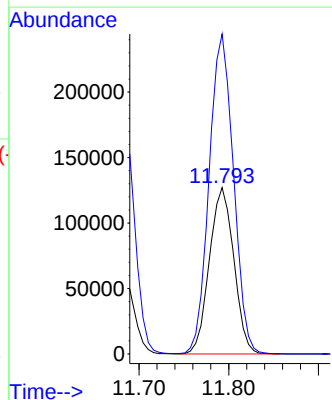
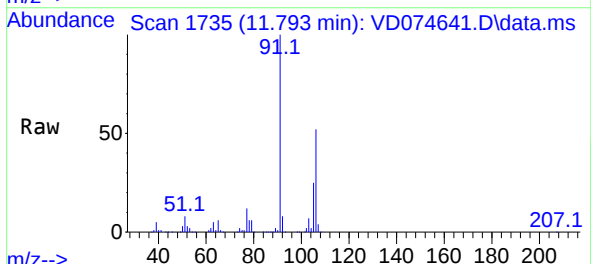
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

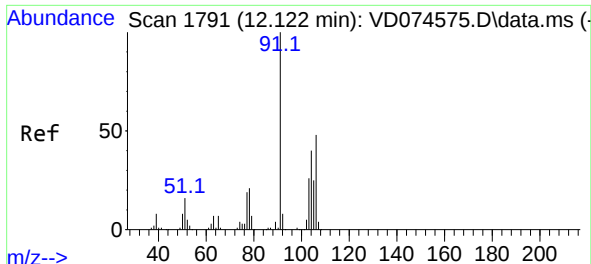
Tgt Ion: 91 Resp: 306743
Ion Ratio Lower Upper
91 100
106 33.1 26.6 40.0



#68
m/p-Xylenes
Concen: 88.896 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 106 Resp: 240337
Ion Ratio Lower Upper
106 100
91 191.8 156.2 234.4





#69

o-Xylene

Concen: 46.340 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

Instrument :

MSVOA_D

ClientSampleId :

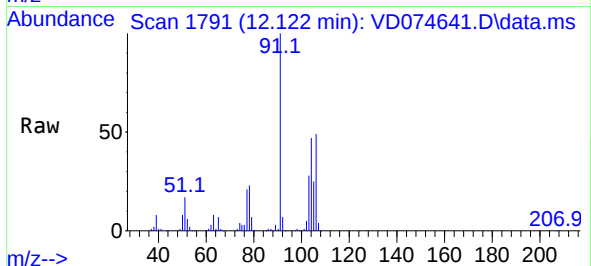
LSP-SS-01-00-20MSD

Tgt Ion:106 Resp: 116599

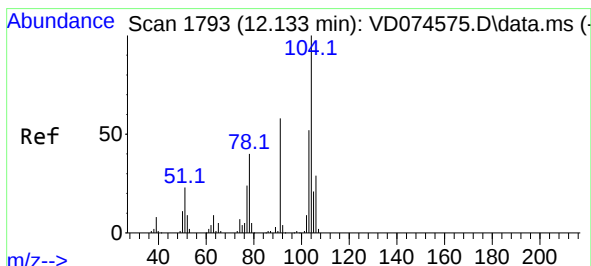
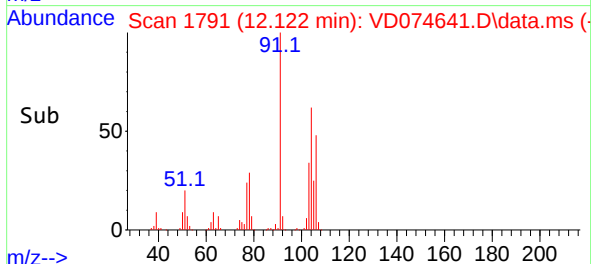
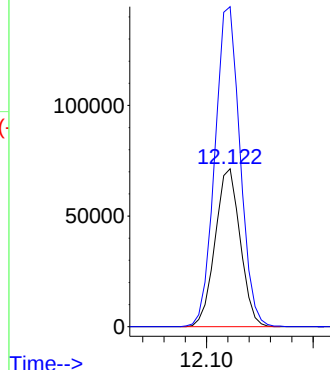
Ion Ratio Lower Upper

106 100

91 203.4 104.5 313.3



Abundance



#70

Styrene

Concen: 47.188 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

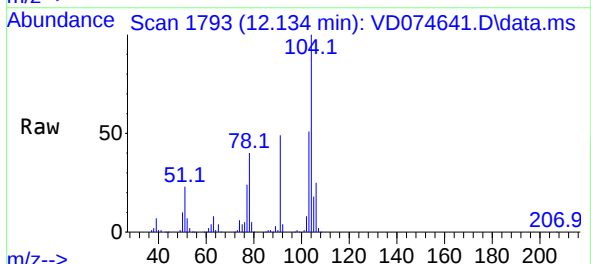
Tgt Ion:104 Resp: 199956

Ion Ratio Lower Upper

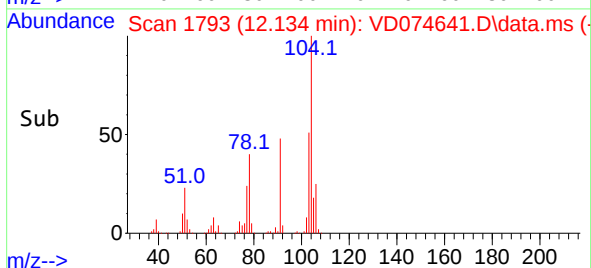
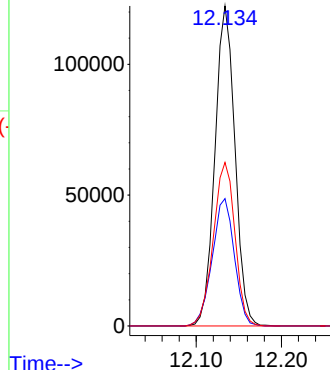
104 100

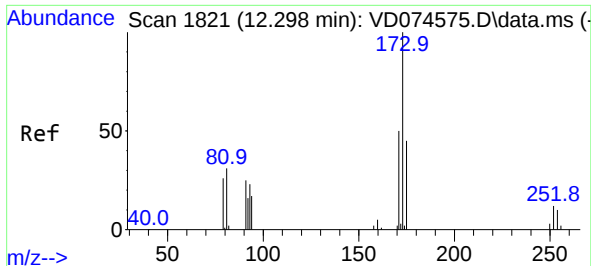
78 44.0 35.7 53.5

103 55.2 43.7 65.5



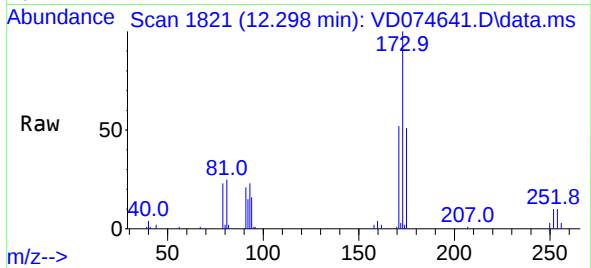
Abundance



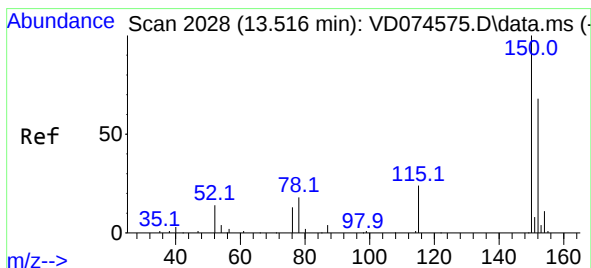
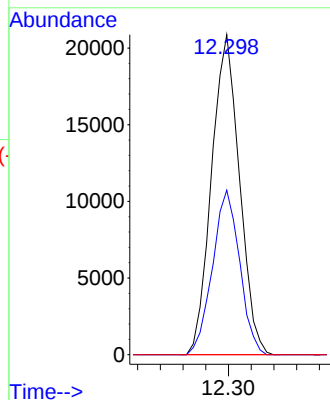
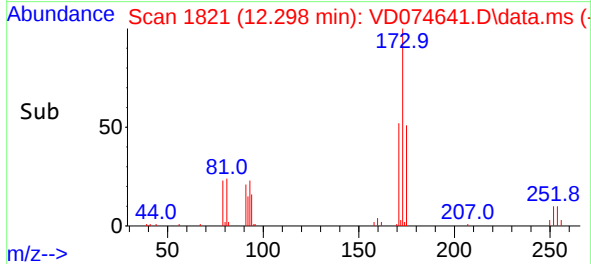


#71
Bromoform
Concen: 50.556 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

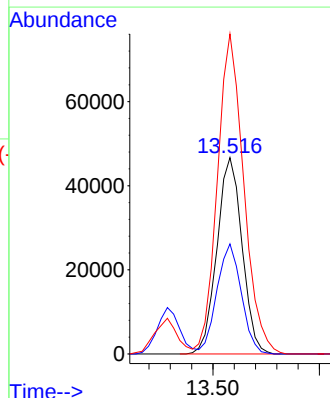
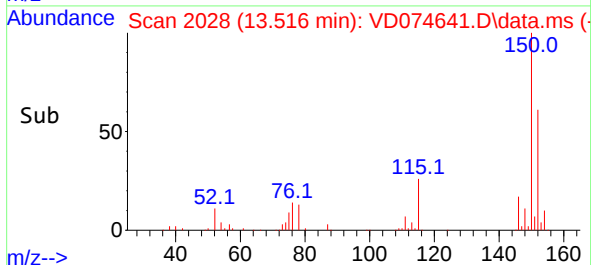
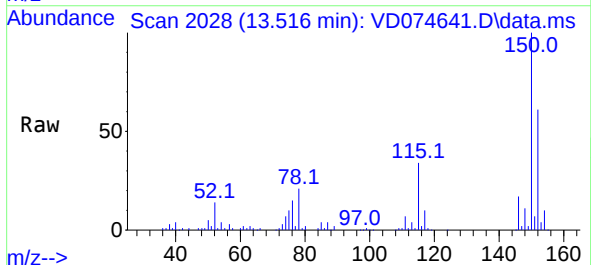


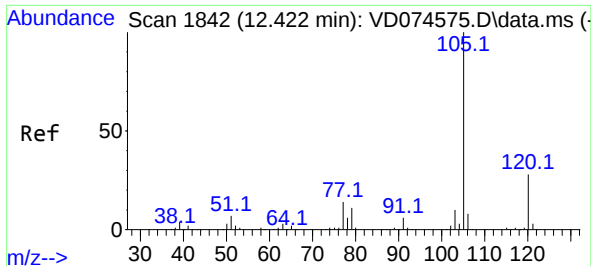
Tgt Ion:173 Resp: 35609
Ion Ratio Lower Upper
173 100
175 50.0 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion:152 Resp: 76403
Ion Ratio Lower Upper
152 100
115 54.3 26.8 80.4
150 171.3 0.0 348.2

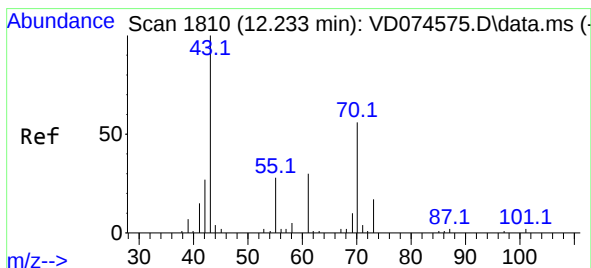
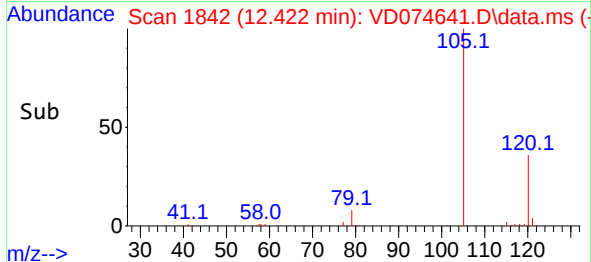
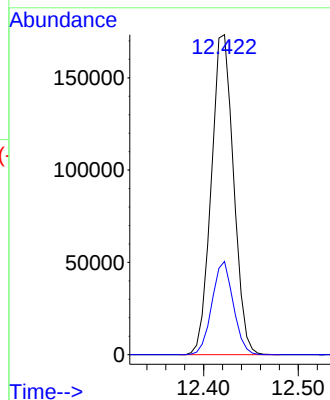
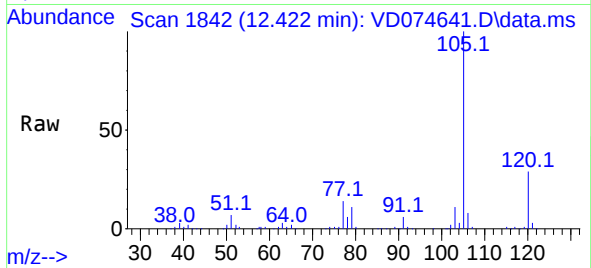




#73
Isopropylbenzene
Concen: 47.592 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

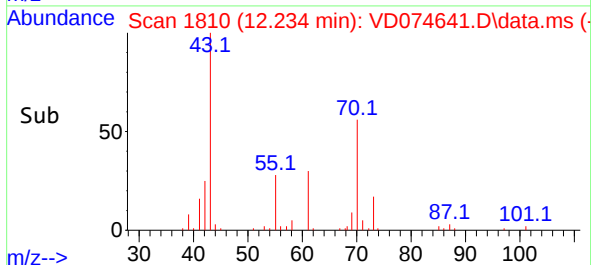
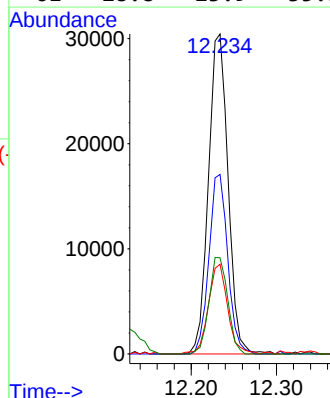
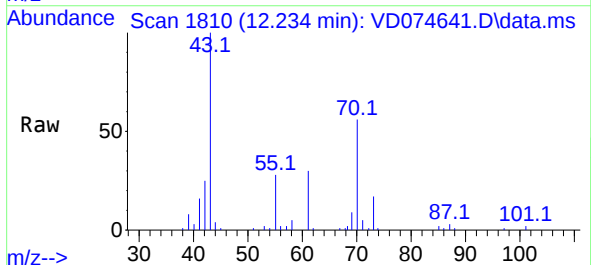
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

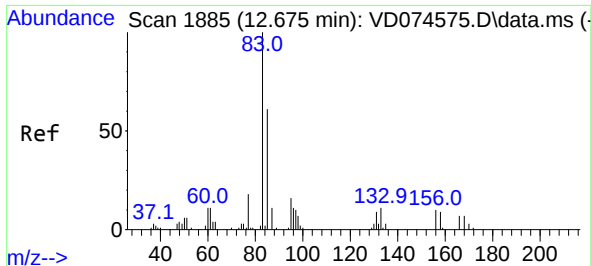
Tgt Ion:105 Resp: 283579
Ion Ratio Lower Upper
105 100
120 27.9 13.5 40.4



#74
N-ethyl acetate
Concen: 55.164 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 43 Resp: 48584
Ion Ratio Lower Upper
43 100
70 53.9 43.8 65.6
55 27.6 22.0 33.0
61 28.8 23.9 35.9

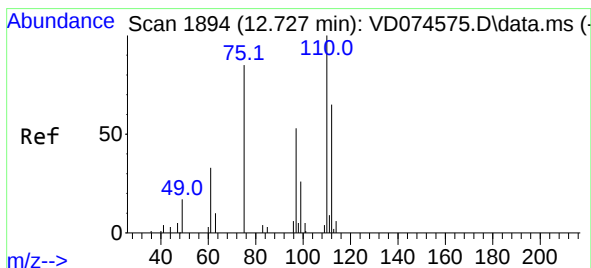
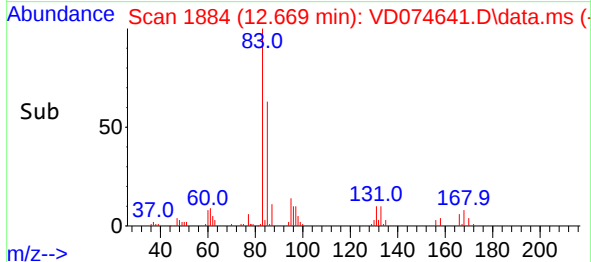
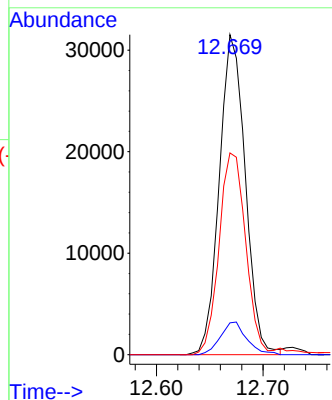
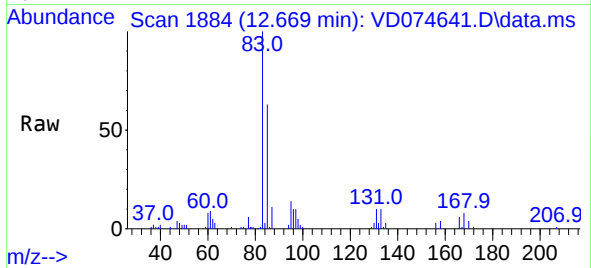




#75
1,1,2,2-Tetrachloroethane
Concen: 56.546 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

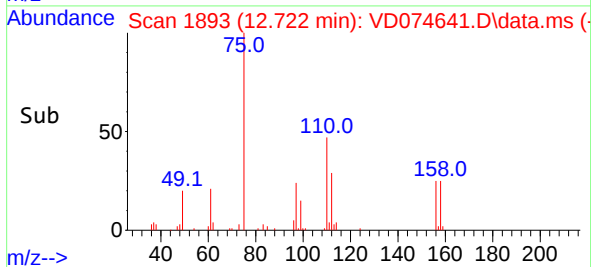
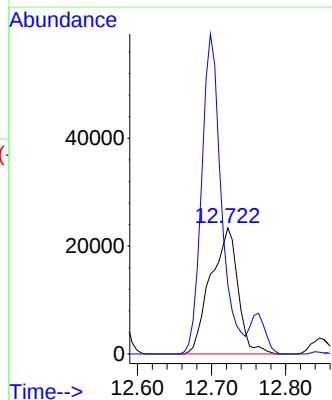
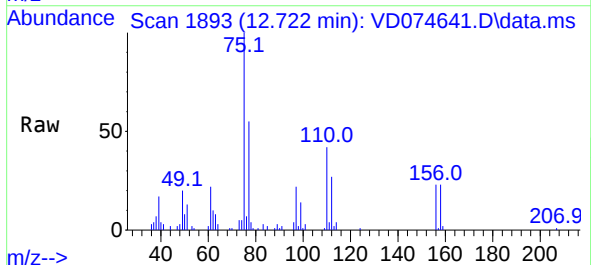
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

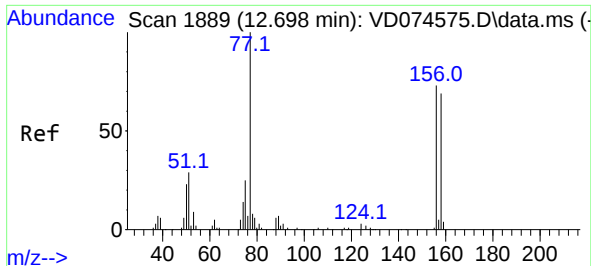
Tgt Ion: 83 Resp: 53339
Ion Ratio Lower Upper
83 100
131 10.4 4.7 14.1
85 64.7 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 89.926 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 75 Resp: 59992
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

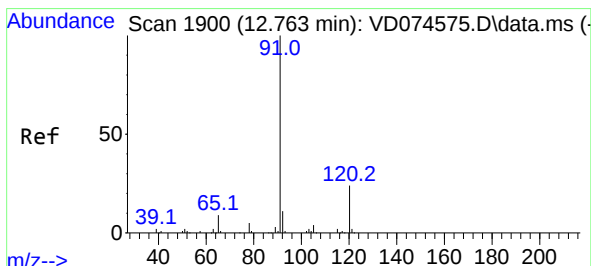
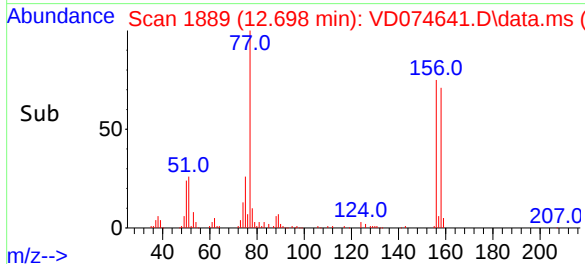
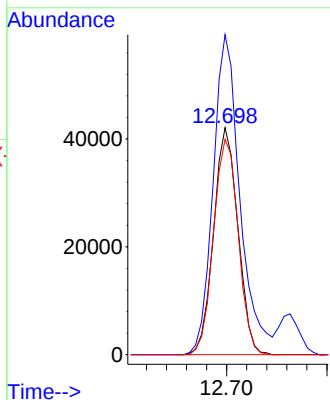
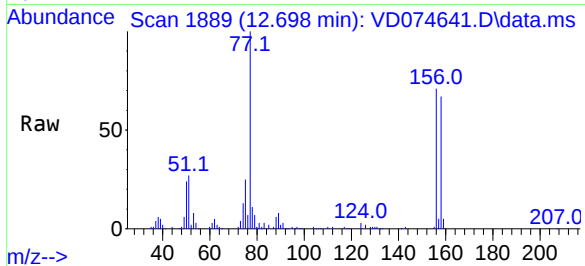




#77
Bromobenzene
Concen: 52.504 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

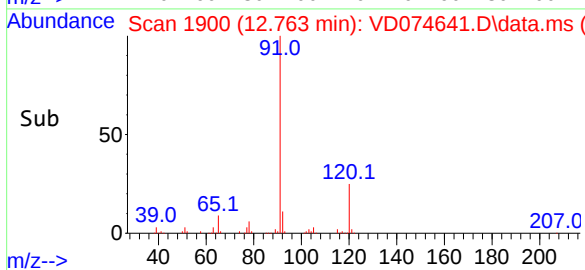
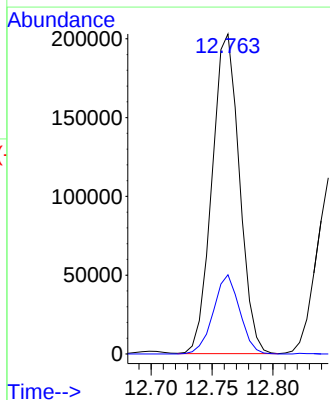
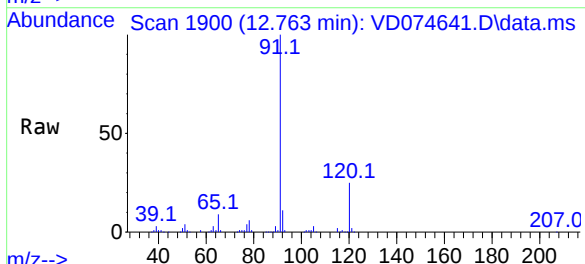
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

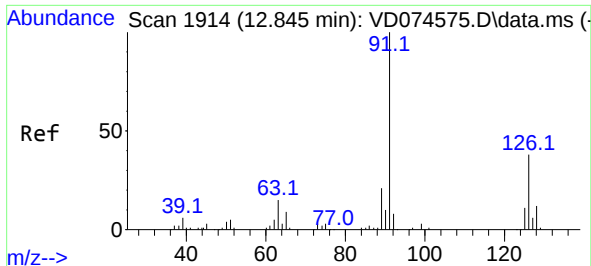
Tgt Ion:156 Resp: 70609
Ion Ratio Lower Upper
156 100
77 155.6 77.7 233.1
158 96.4 49.4 148.2



#78
n-propylbenzene
Concen: 45.048 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 91 Resp: 317226
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.7

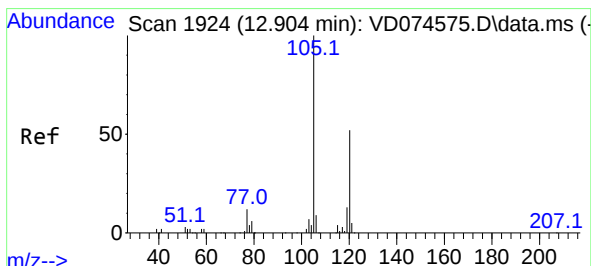
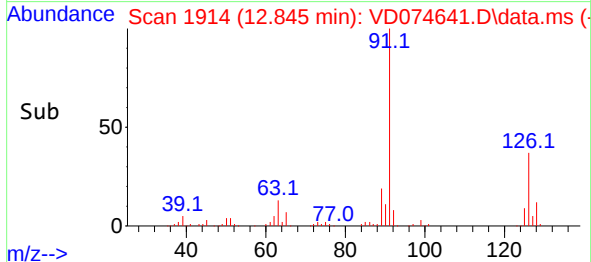
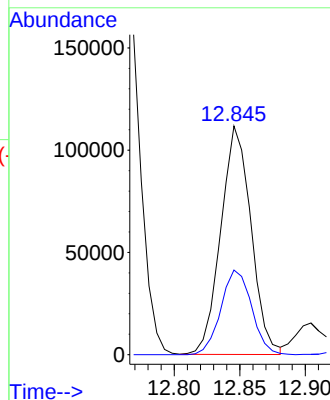
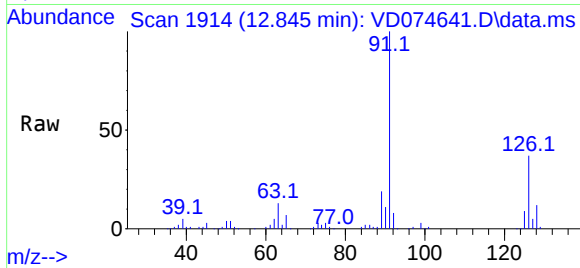




#79
2-Chlorotoluene
Concen: 47.023 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

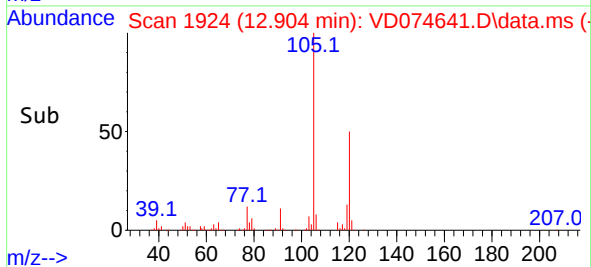
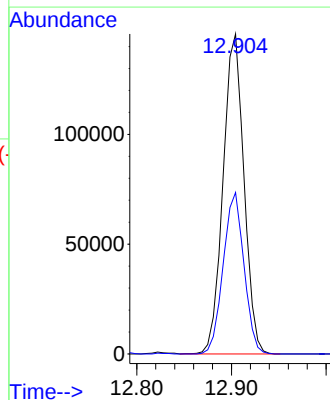
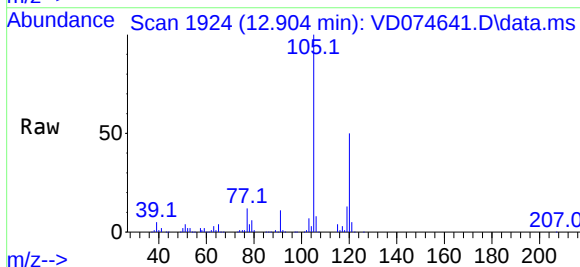
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

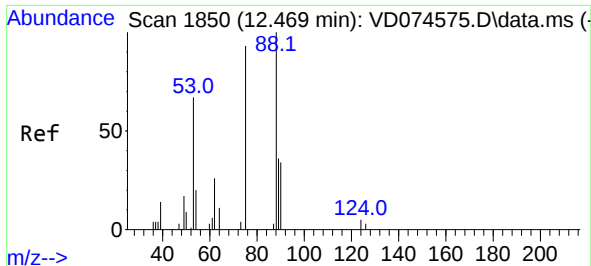
Tgt Ion: 91 Resp: 179389
Ion Ratio Lower Upper
91 100
126 37.6 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 46.202 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 105 Resp: 223474
Ion Ratio Lower Upper
105 100
120 50.1 25.7 77.0

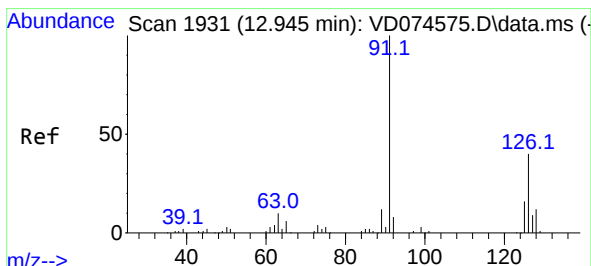
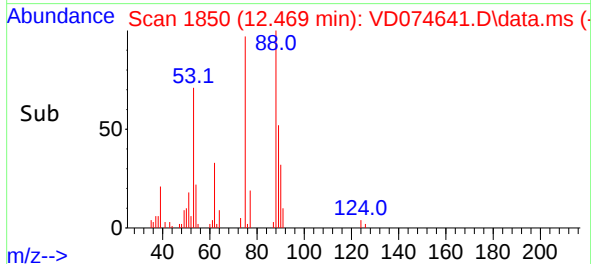
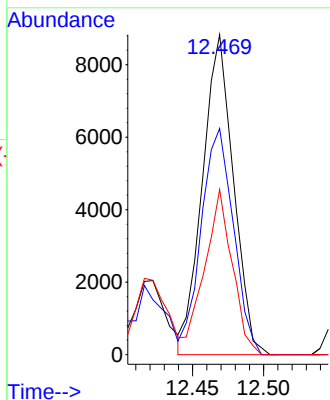
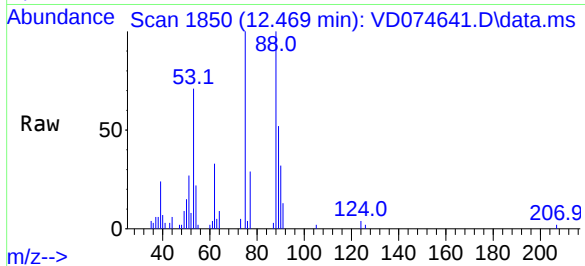




#81
trans-1,4-Dichloro-2-butene
Concen: 51.196 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

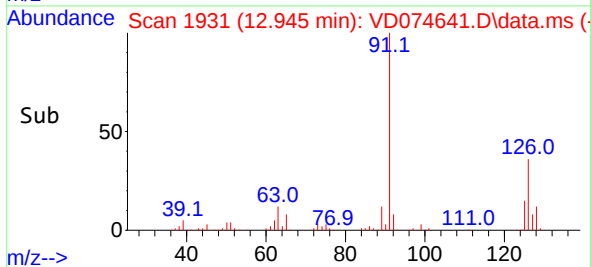
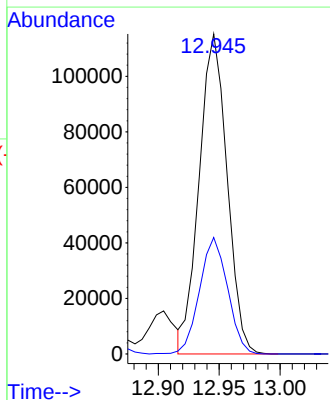
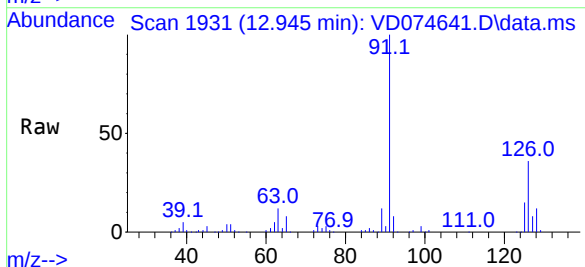
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

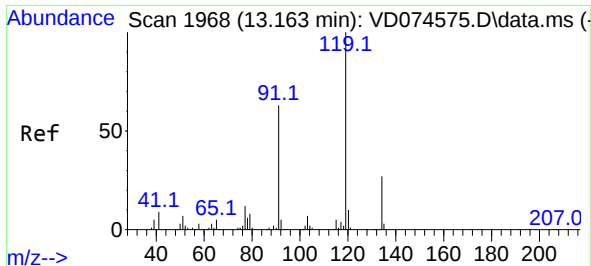
Tgt Ion: 75 Resp: 13365
Ion Ratio Lower Upper
75 100
53 73.7 63.8 95.6
89 46.6 38.2 57.4



#82
4-Chlorotoluene
Concen: 46.756 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 91 Resp: 183254
Ion Ratio Lower Upper
91 100
126 36.6 18.8 56.4

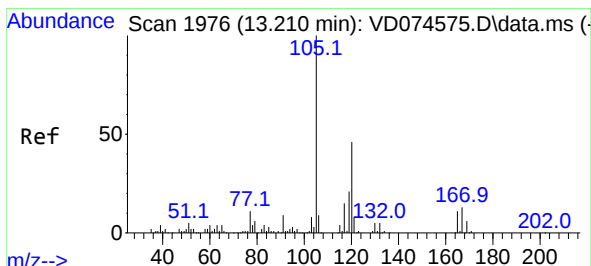
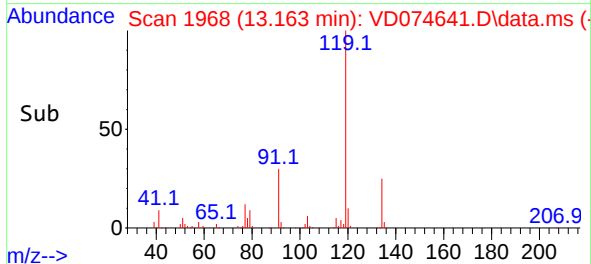
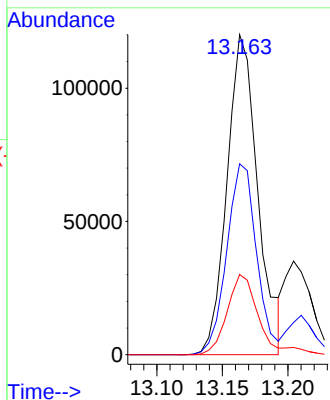
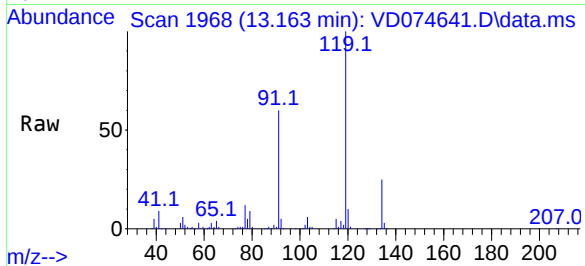




#83
tert-Butylbenzene
Concen: 45.487 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

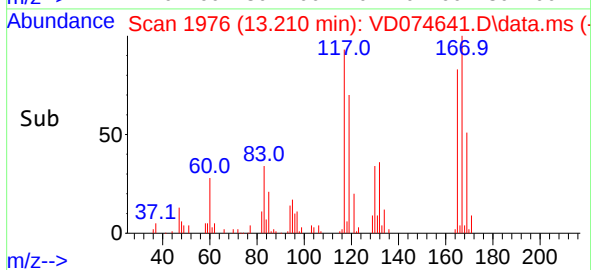
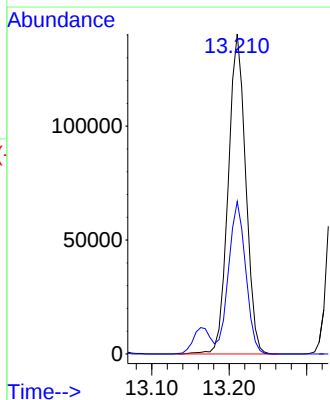
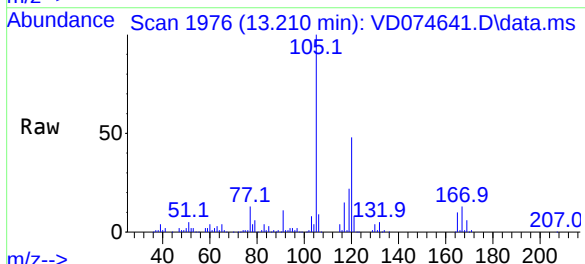
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

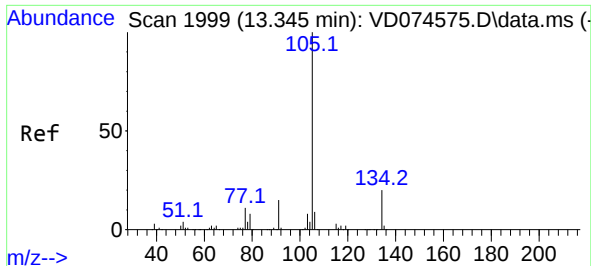
Tgt Ion:	119	Resp:	196274
Ion	Ratio	Lower	Upper
119	100		
91	57.9	30.0	90.0
134	25.8	13.4	40.1



#84
1,2,4-Trimethylbenzene
Concen: 46.345 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion:	105	Resp:	220594
Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.9	68.7

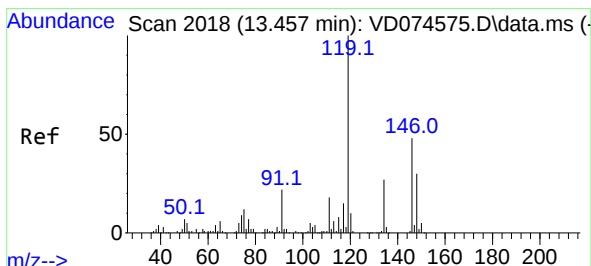
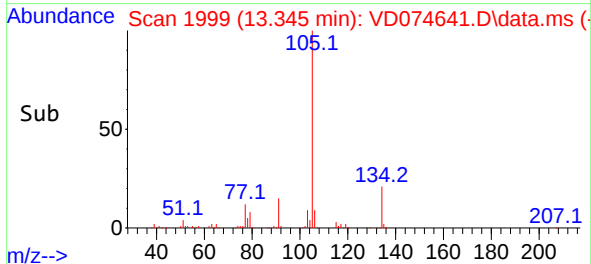
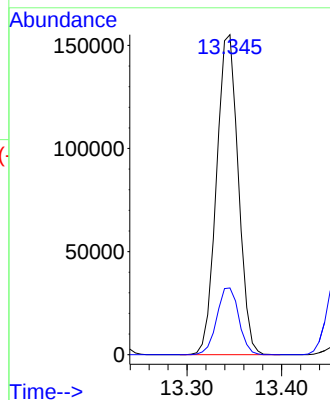
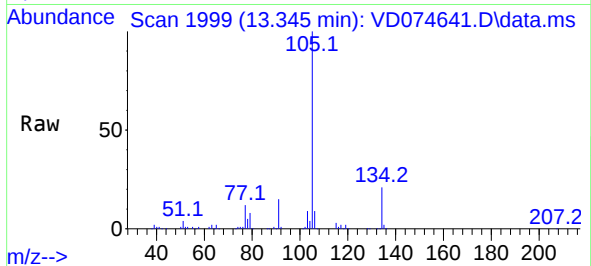




#85
 sec-Butylbenzene
 Concen: 38.349 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VD074641.D
 Acq: 25 Oct 2022 19:36

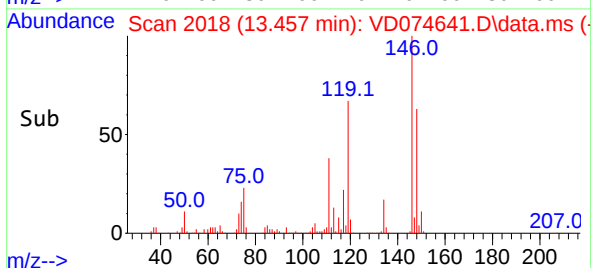
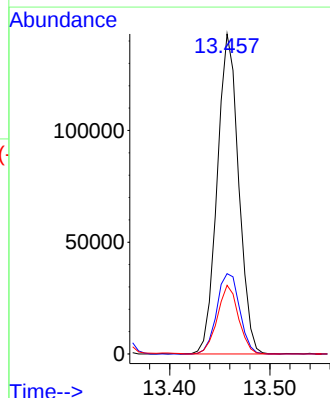
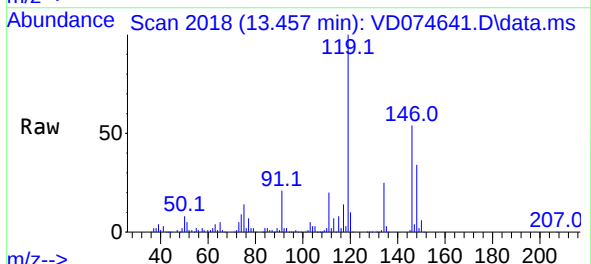
Instrument :
 MSVOA_D
 ClientSampleId :
 LSP-SS-01-00-20MSD

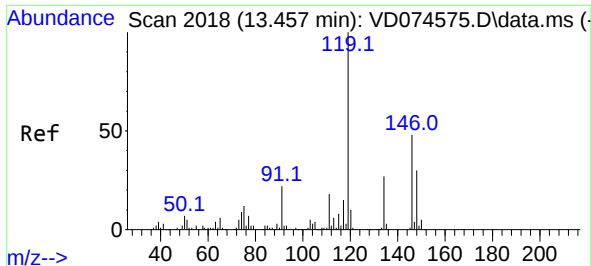
Tgt Ion:105 Resp: 248315
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 39.101 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074641.D
 Acq: 25 Oct 2022 19:36

Tgt Ion:119 Resp: 212109
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 21.2 10.8 32.4

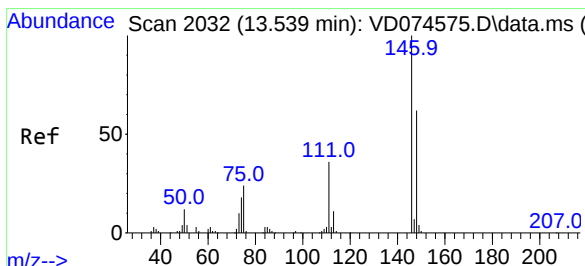
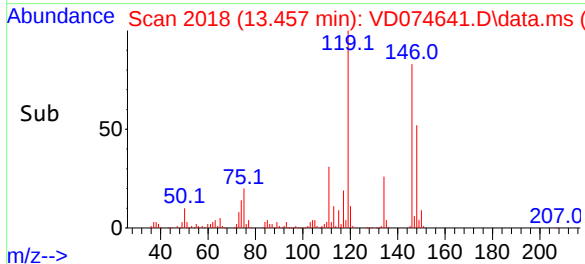
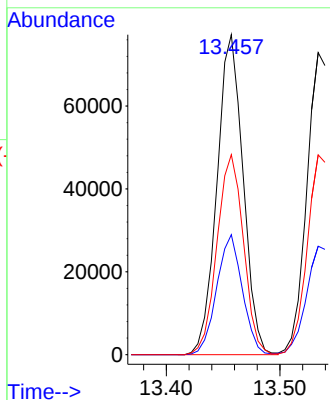
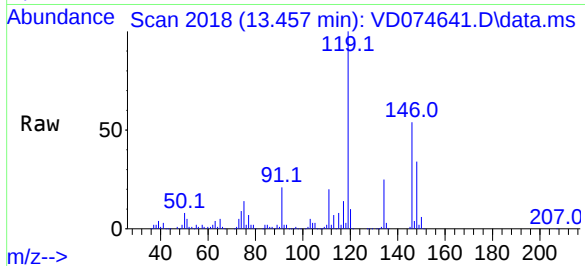




#87
1,3-Dichlorobenzene
Concen: 44.182 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

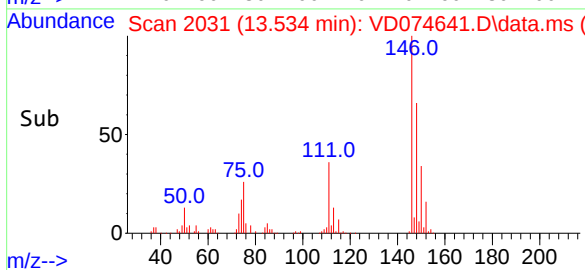
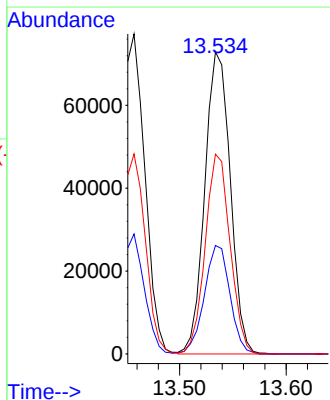
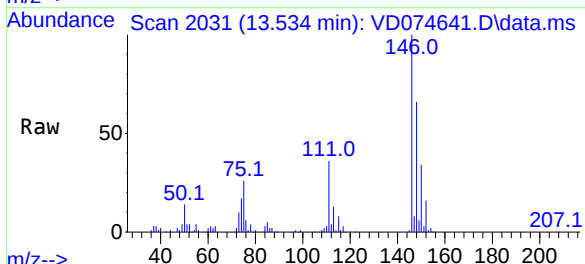
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

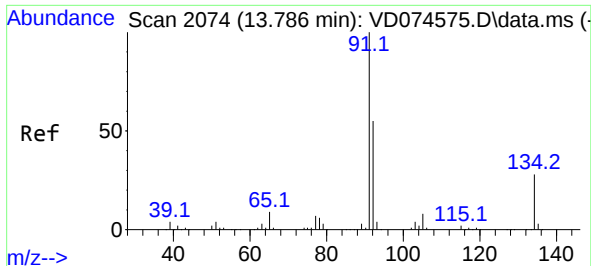
Tgt Ion:146 Resp: 123473
Ion Ratio Lower Upper
146 100
111 36.8 18.3 54.8
148 63.2 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 44.360 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion:146 Resp: 121360
Ion Ratio Lower Upper
146 100
111 36.1 17.7 53.1
148 64.7 32.3 96.9

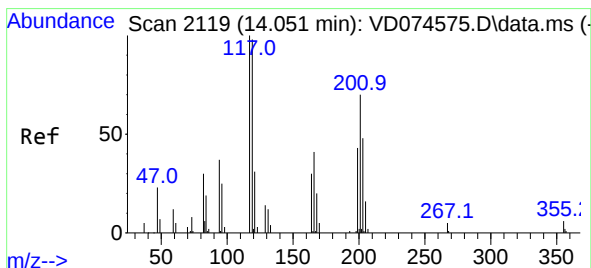
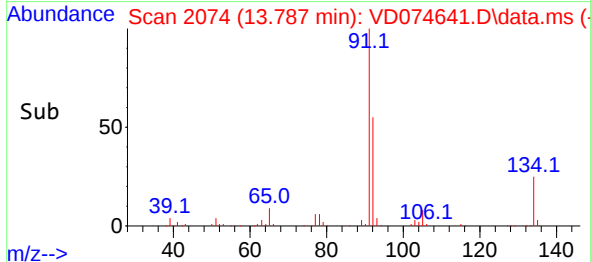
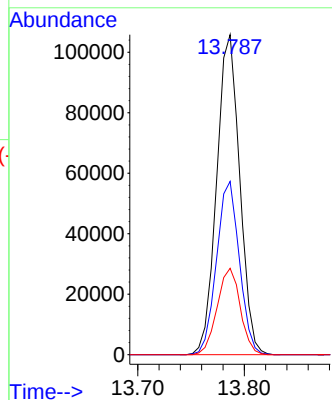
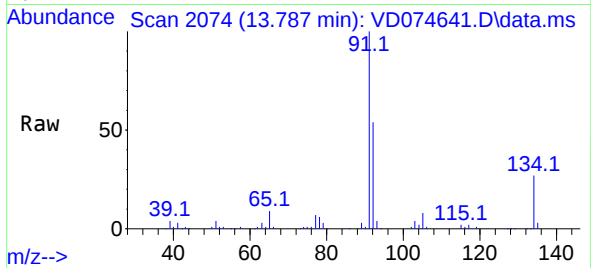




#89
n-Butylbenzene
Concen: 32.139 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

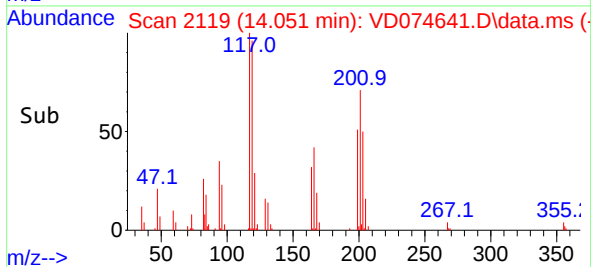
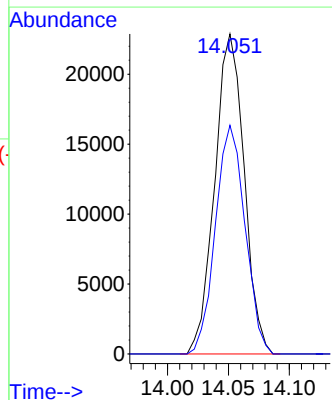
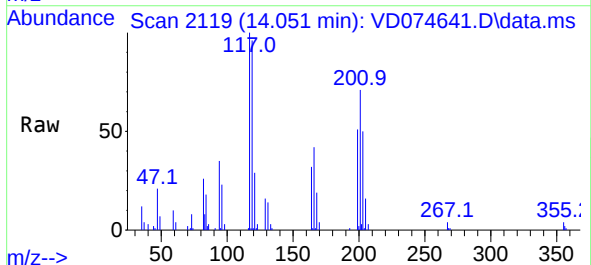
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

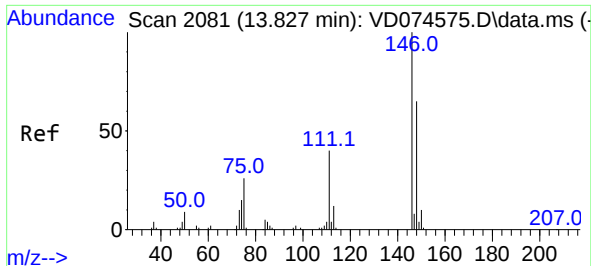
Tgt Ion: 91 Resp: 158836
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 27.1 13.4 40.2



#90
Hexachloroethane
Concen: 40.769 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion: 117 Resp: 38494
Ion Ratio Lower Upper
117 100
201 71.9 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 47.286 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

Instrument :

MSVOA_D

ClientSampleId :

LSP-SS-01-00-20MSD

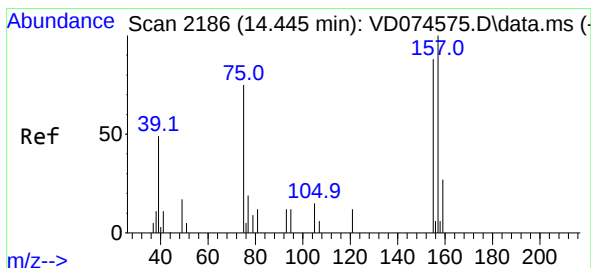
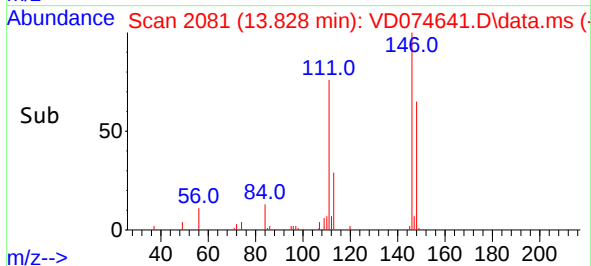
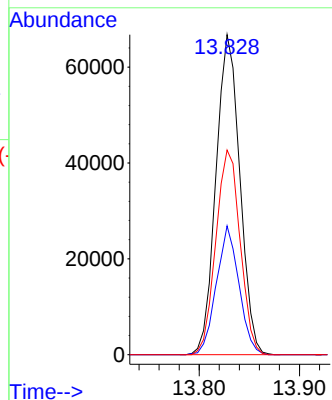
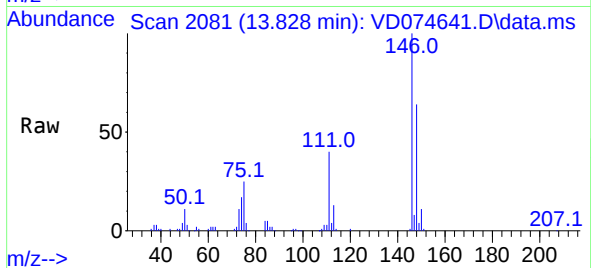
Tgt Ion:146 Resp: 110232

Ion Ratio Lower Upper

146 100

111 38.0 18.9 56.5

148 64.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.938 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD074641.D

Acq: 25 Oct 2022 19:36

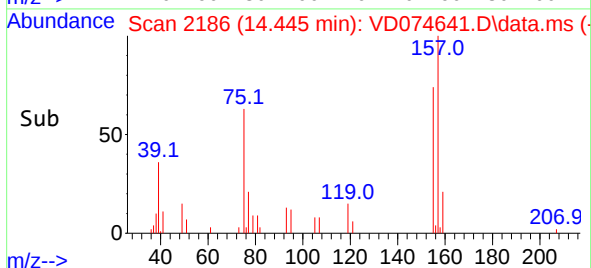
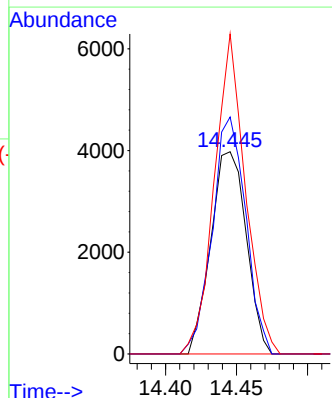
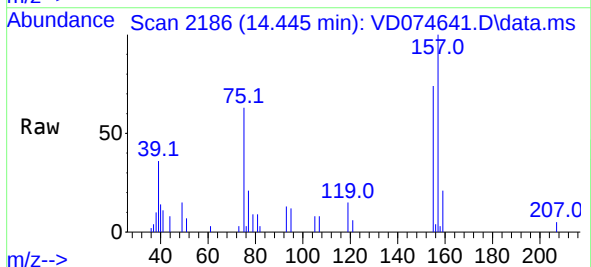
Tgt Ion: 75 Resp: 6906

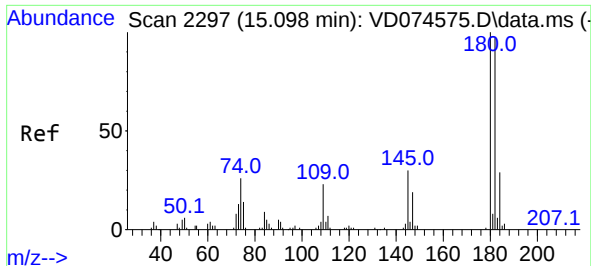
Ion Ratio Lower Upper

75 100

155 110.6 51.2 153.8

157 137.4 68.2 204.5

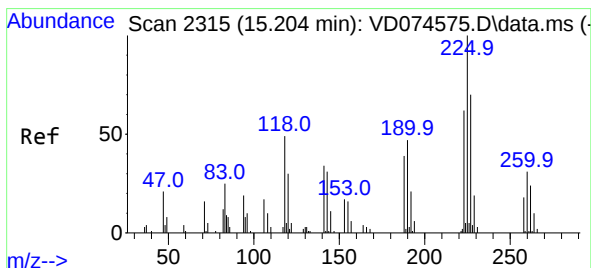
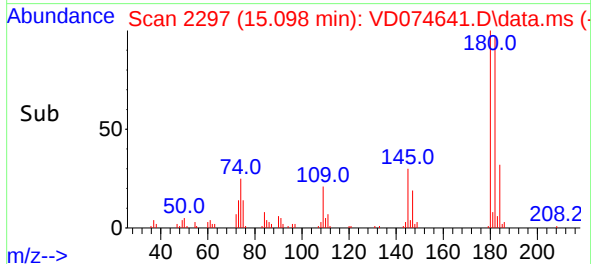
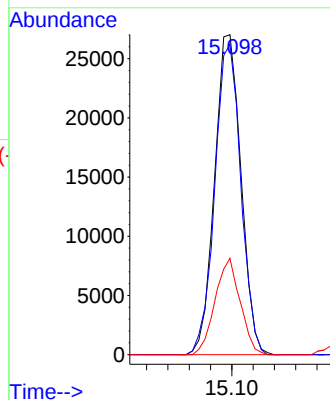
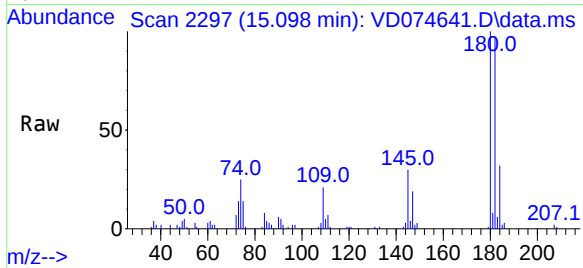




#93
1,2,4-Trichlorobenzene
Concen: 30.198 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

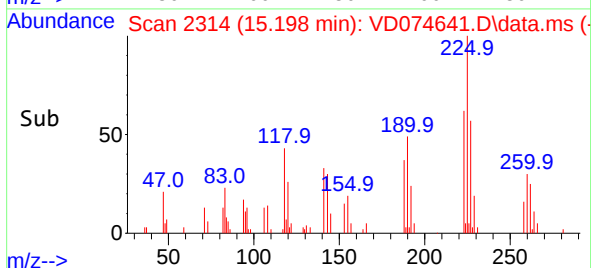
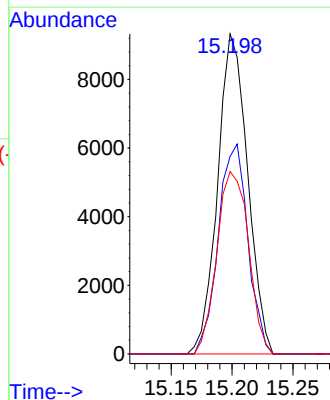
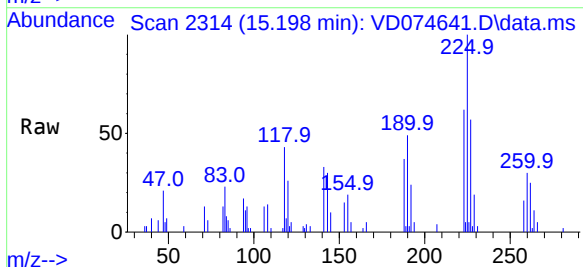
Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

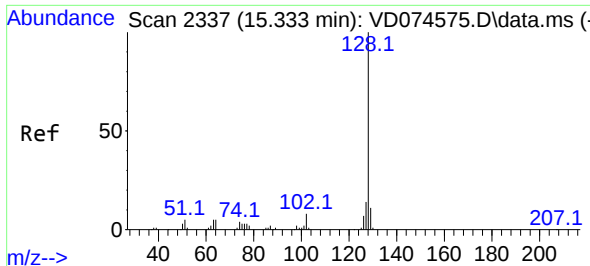
Tgt Ion:180 Resp: 46438
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.6
145 28.6 14.1 42.3



#94
Hexachlorobutadiene
Concen: 18.899 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion:225 Resp: 15989
Ion Ratio Lower Upper
225 100
223 64.5 31.9 95.5
227 60.1 32.6 97.8

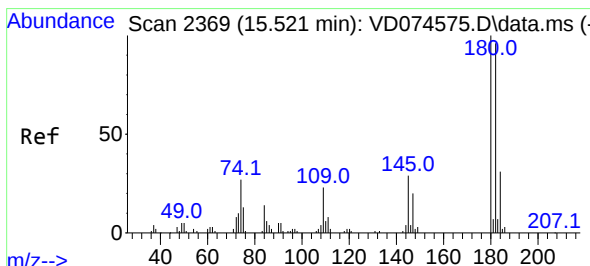
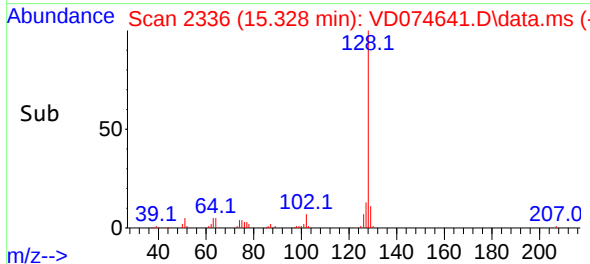
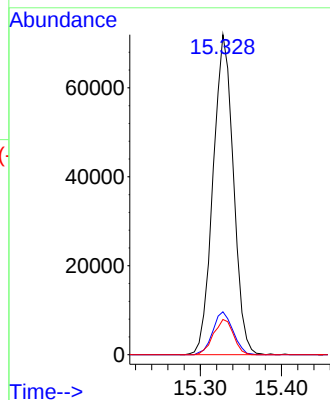
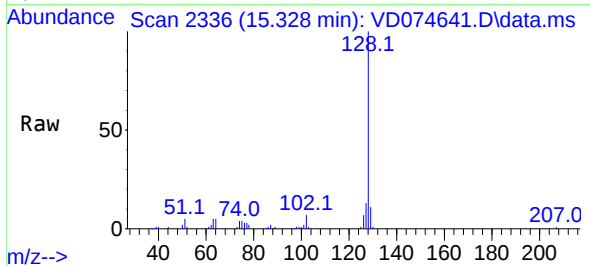




#95
Naphthalene
Concen: 43.305 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Instrument :
MSVOA_D
ClientSampleId :
LSP-SS-01-00-20MSD

Tgt Ion:128	Resp:	125364
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.6 16.0
129	10.8	8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 31.357 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD074641.D
Acq: 25 Oct 2022 19:36

Tgt Ion:180	Resp:	41336
Ion Ratio	Lower	Upper
180	100	
182	93.3	46.7 140.1
145	30.6	14.9 44.7

