

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011021.D
 Acq On : 20 Oct 2022 13:42
 Operator : KP/MD
 Sample : N5193-01
 Misc : 3.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSP-SS-01-00-20

Quant Time: Oct 20 22:22:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	334145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	571606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	471582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185355	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	198017	64.334	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.660%
35) Dibromofluoromethane	7.716	113	201582	63.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.720%
50) Toluene-d8	10.179	98	719161	60.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	120.520%
62) 4-Bromofluorobenzene	12.477	95	218499	51.792	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.580%

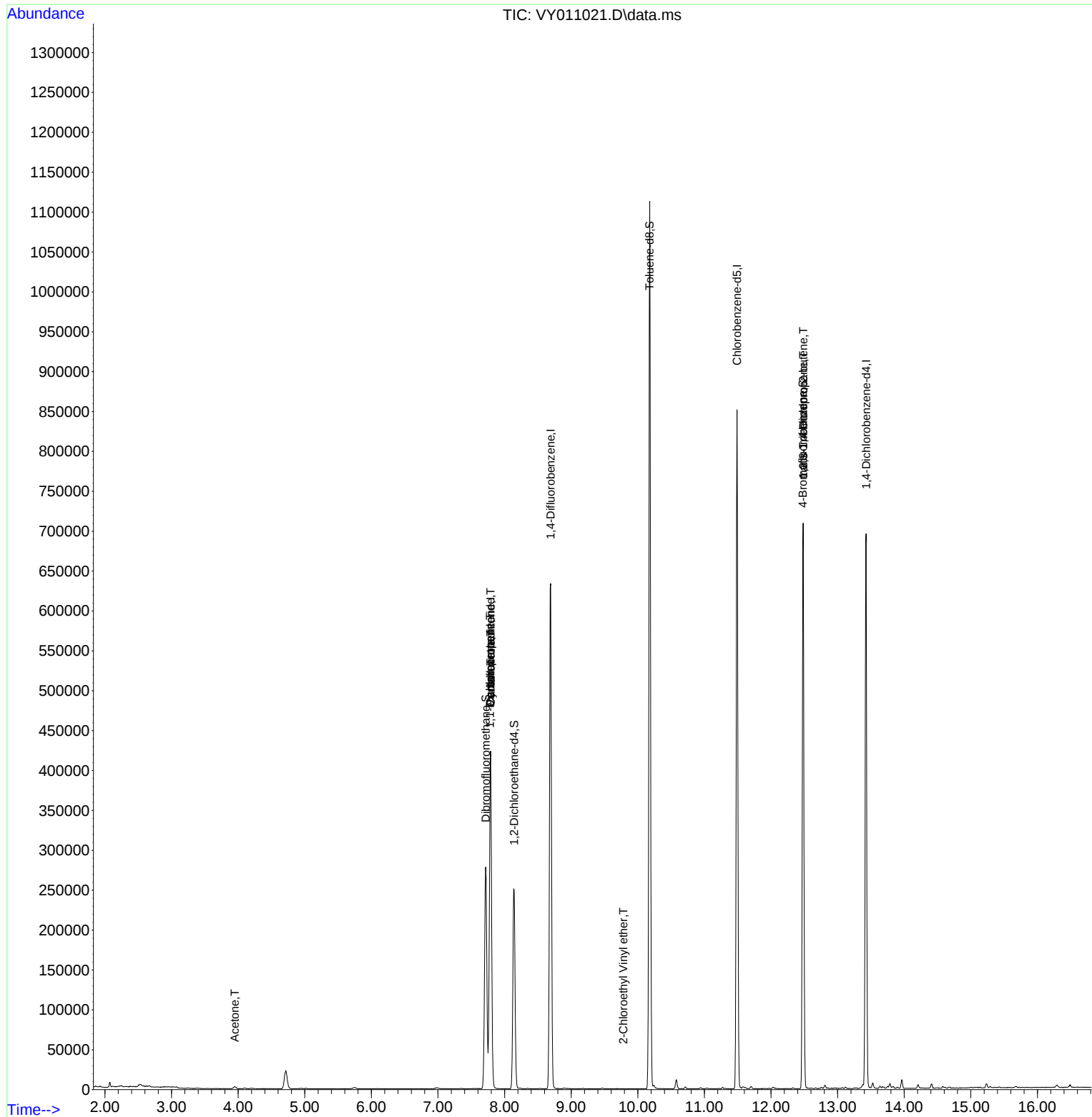
Target Compounds					Qvalue
11) Tert butyl alcohol	4.942	59	631	Below Cal	# 77
16) Acetone	3.948	43	4574	5.117	ug/l 97
18) Methyl Acetate	4.472	43	35	Below Cal	# 56
20) Methylene Chloride	4.716	84	17774	Below Cal	# 84
31) Cyclohexane	7.789	56	6435	1.093	ug/l # 1
36) 1,1-Dichloropropene	7.783	75	24796	4.660	ug/l # 51
38) Carbon Tetrachloride	7.789	117	32796	5.971	ug/l # 16
58) 2-Chloroethyl Vinyl ether	9.782	63	51	16.983	ug/l # 48
76) 1,2,3-Trichloropropane	12.483	75	110129	52.333	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.483	75	110129	112.555	ug/l # 7

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
LSP-SS-01-00-20

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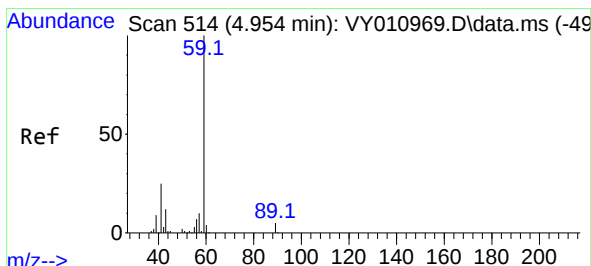
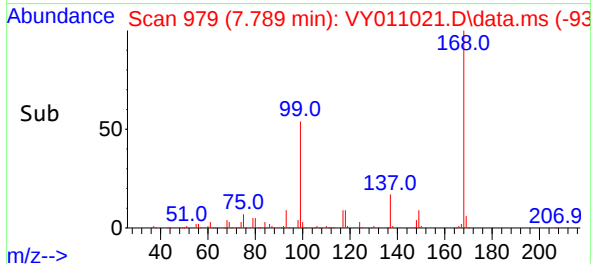
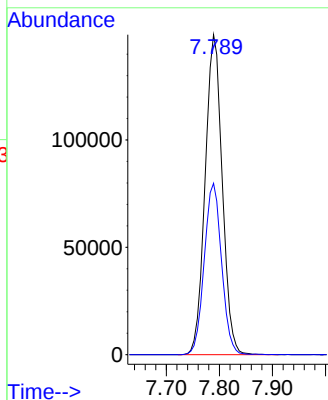
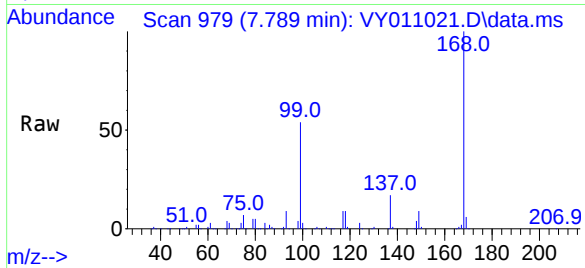




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

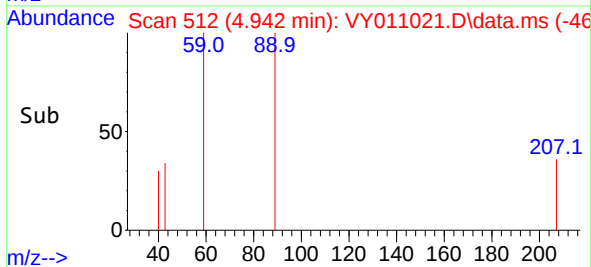
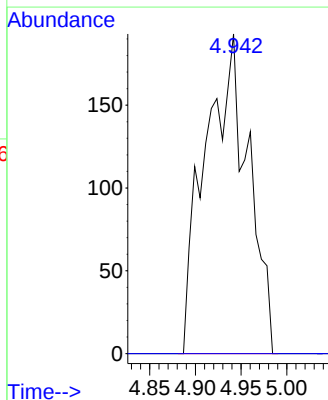
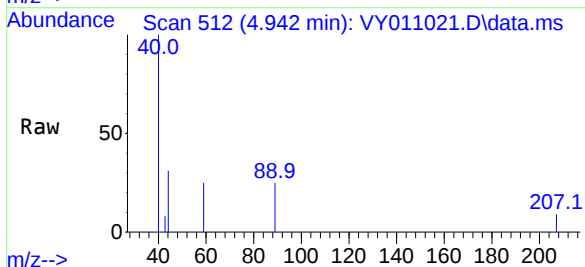
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-01-00-20

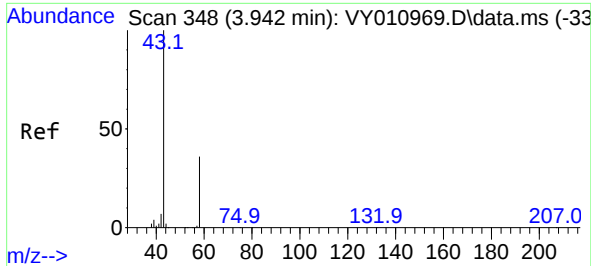
Tgt Ion:168 Resp: 334145
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Tgt Ion: 59 Resp: 631
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 5.117 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY011021.D

Acq: 20 Oct 2022 13:42

Instrument :

MSVOA_Y

ClientSampleId :

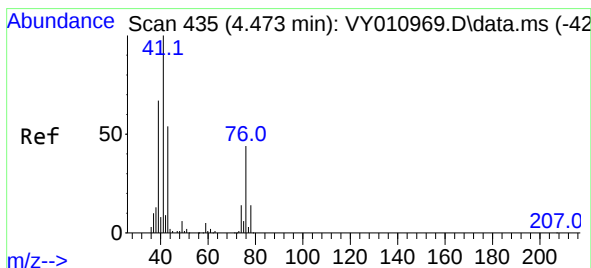
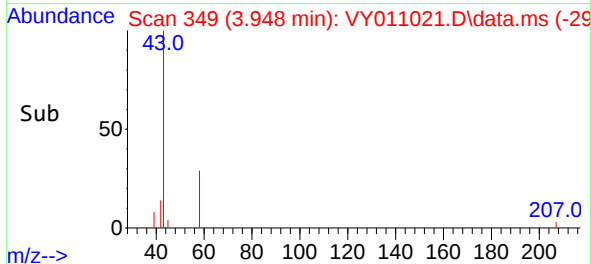
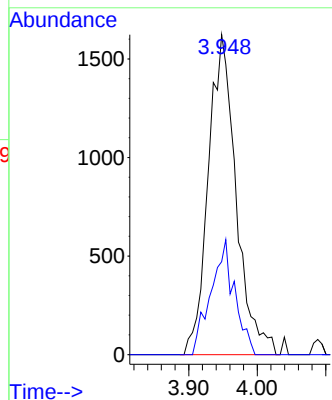
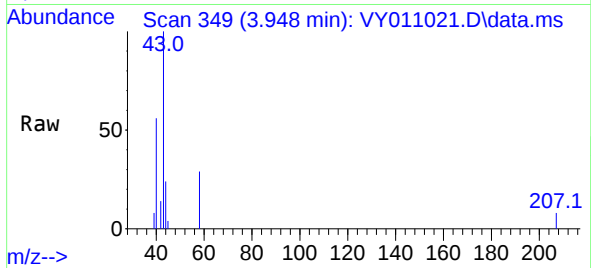
LSP-SS-01-00-20

Tgt Ion: 43 Resp: 4574

Ion Ratio Lower Upper

43 100

58 29.0 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 435

Delta R.T. -0.001 min

Lab File: VY011021.D

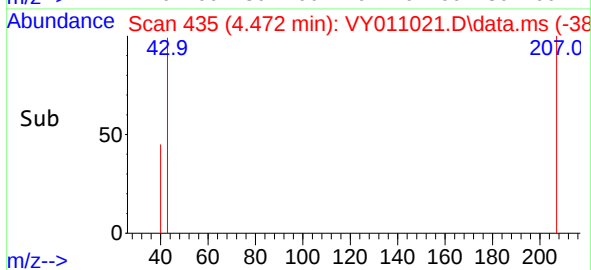
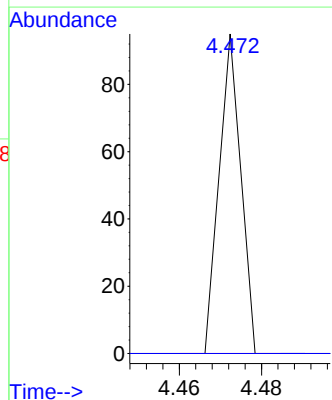
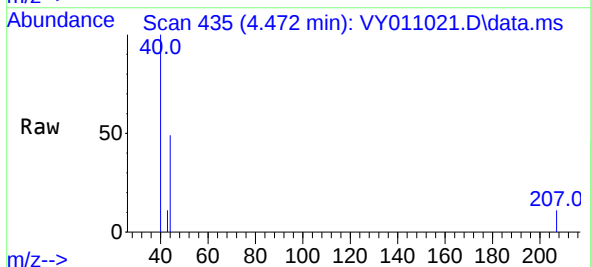
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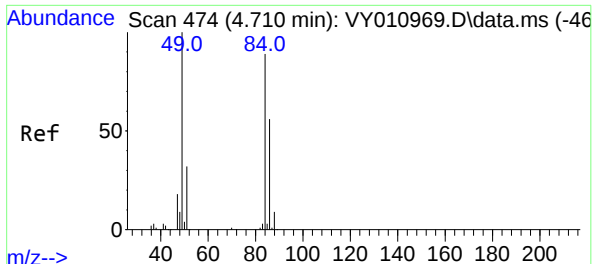
Tgt Ion: 43 Resp: 35

Ion Ratio Lower Upper

43 100

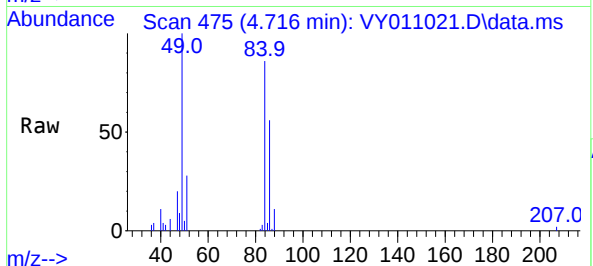
74 0.0 16.6 24.8#





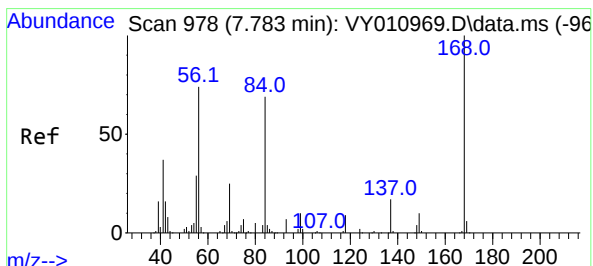
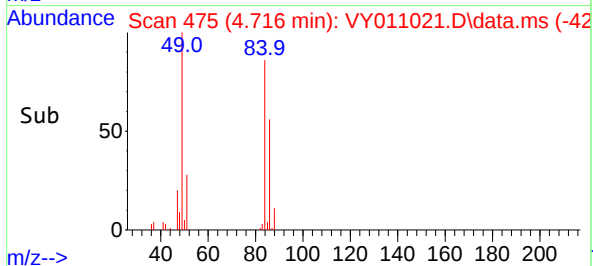
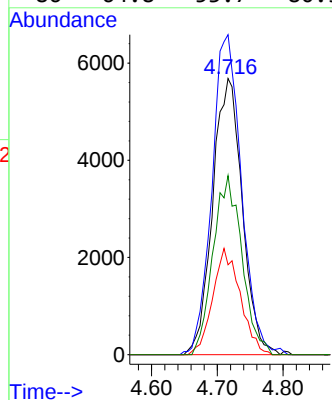
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-01-00-20



Tgt Ion: 84 Resp: 17774

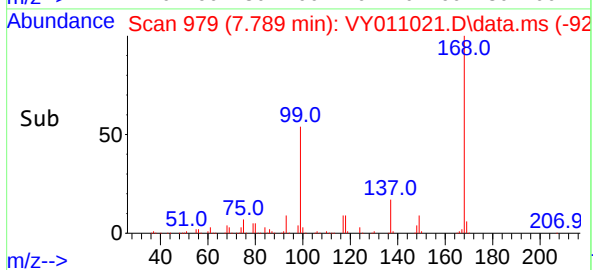
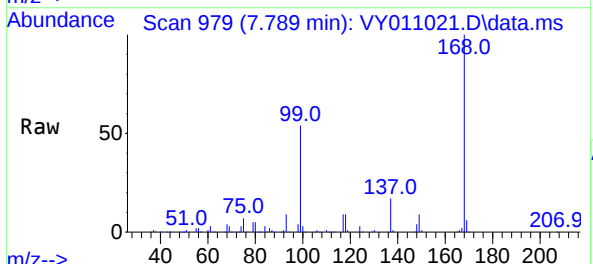
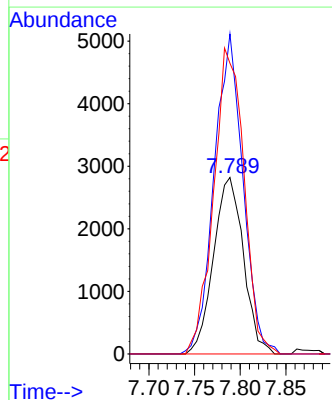
Ion	Ratio	Lower	Upper
84	100		
49	115.9	114.4	171.6
51	32.6	35.3	52.9#
86	64.8	53.7	80.5

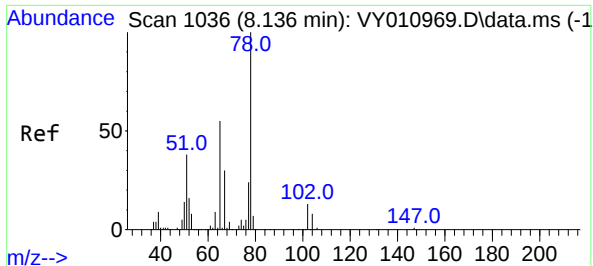


#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Tgt Ion: 56 Resp: 6435

Ion	Ratio	Lower	Upper
56	100		
69	181.3	26.7	40.1#
84	164.7	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 64.334 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY011021.D

Acq: 20 Oct 2022 13:42

Instrument :

MSVOA_Y

ClientSampleId :

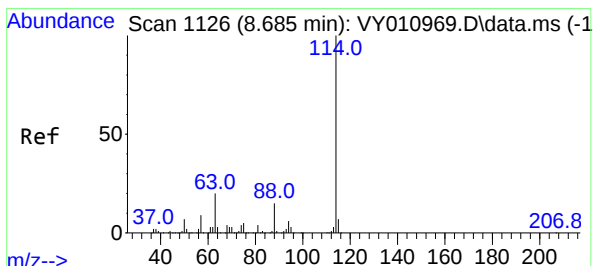
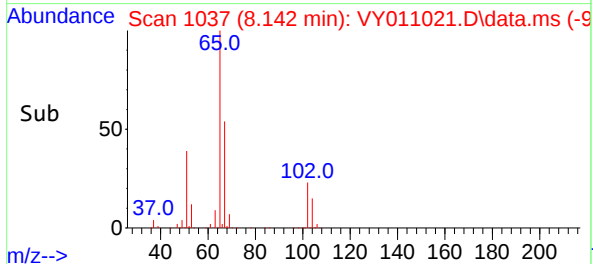
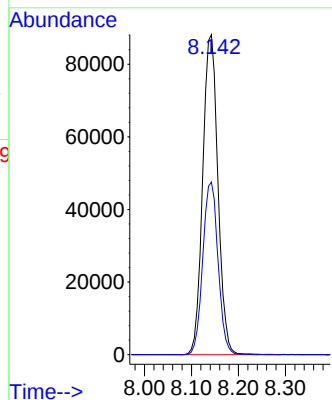
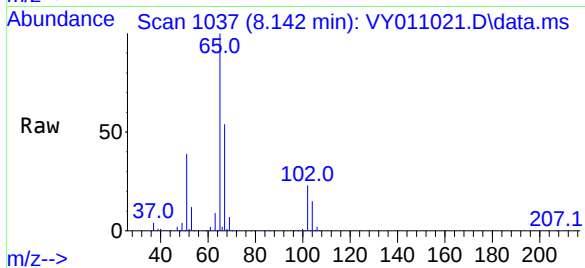
LSP-SS-01-00-20

Tgt Ion: 65 Resp: 198017

Ion Ratio Lower Upper

65 100

67 54.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011021.D

Acq: 20 Oct 2022 13:42

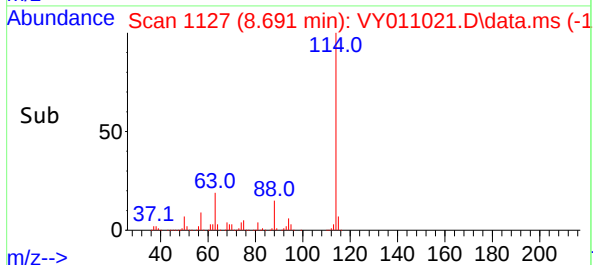
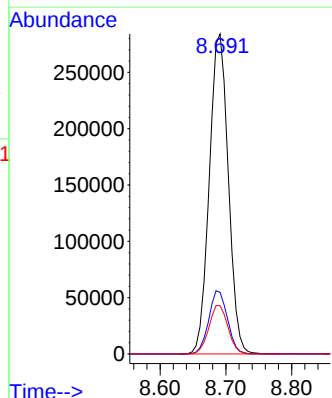
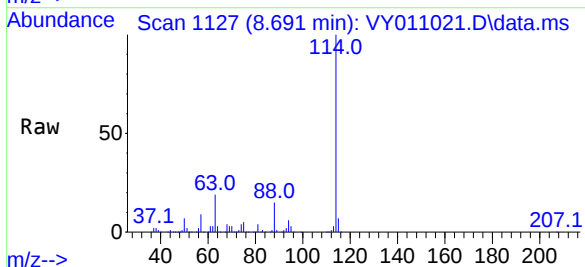
Tgt Ion: 114 Resp: 571606

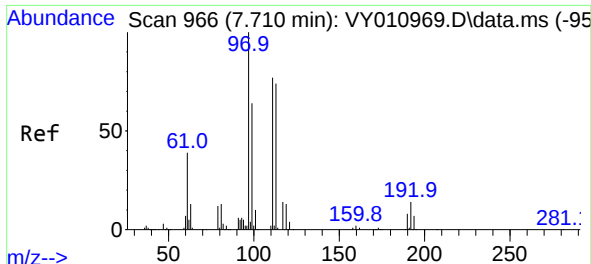
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.1 0.0 31.8

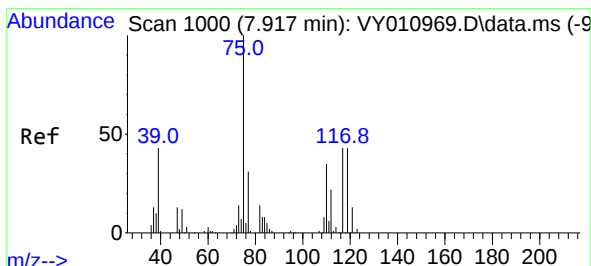
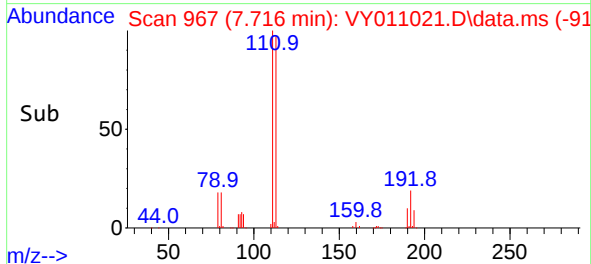
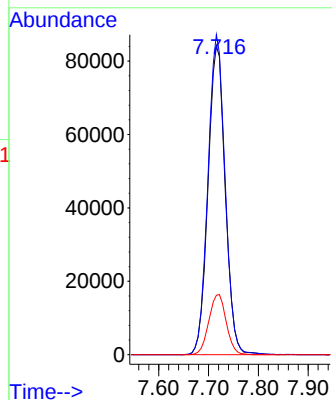
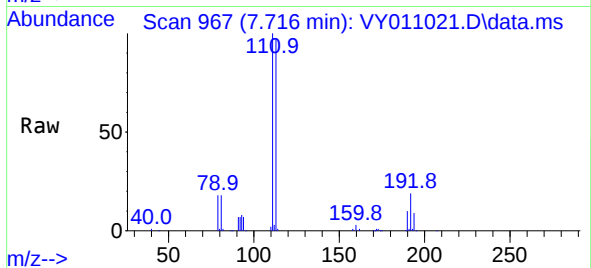




#35
Dibromofluoromethane
Concen: 63.863 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

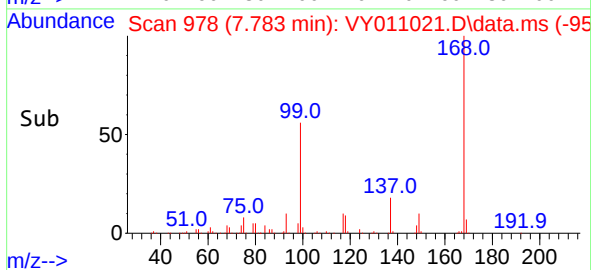
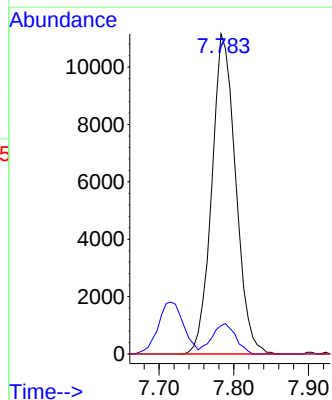
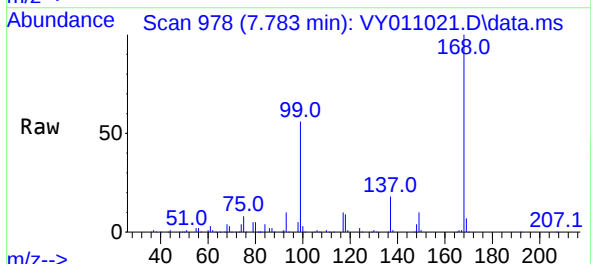
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-01-00-20

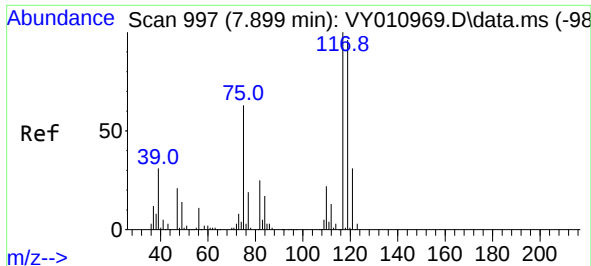
Tgt Ion:113 Resp: 201582
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.660 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Tgt Ion: 75 Resp: 24796
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#

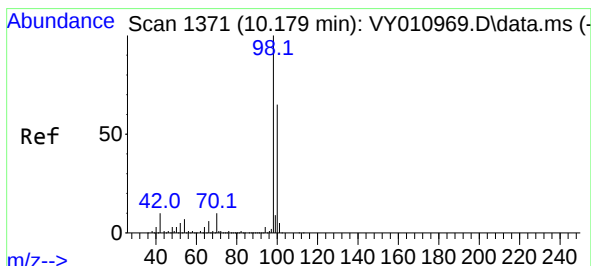
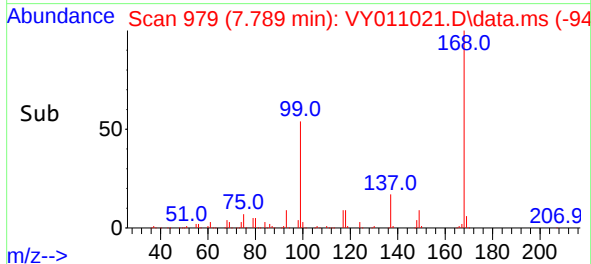
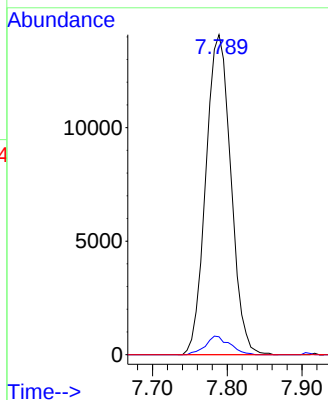
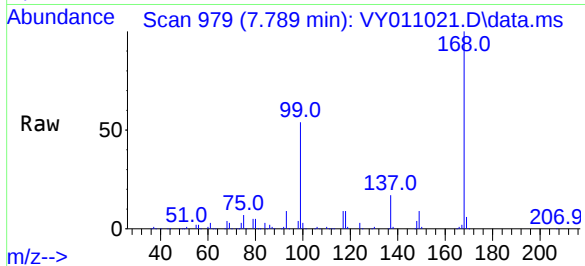




#38
Carbon Tetrachloride
Concen: 5.971 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

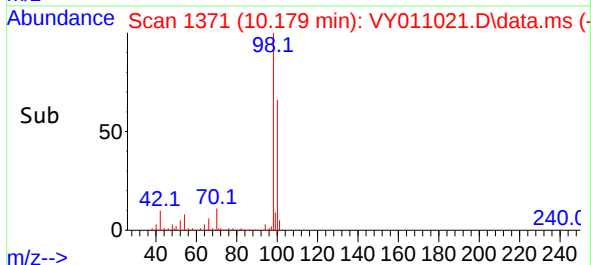
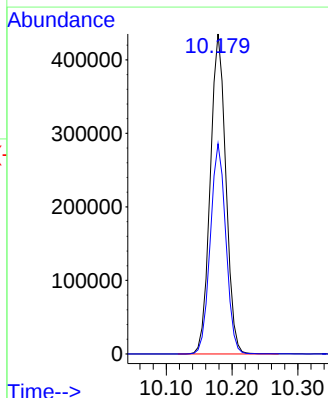
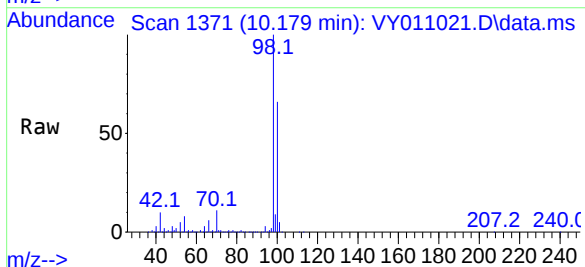
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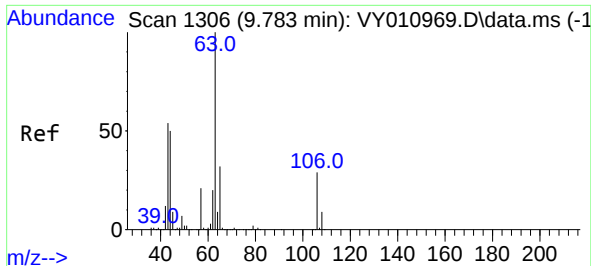
Tgt Ion:117 Resp: 32796
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 60.256 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Tgt Ion: 98 Resp: 719161
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

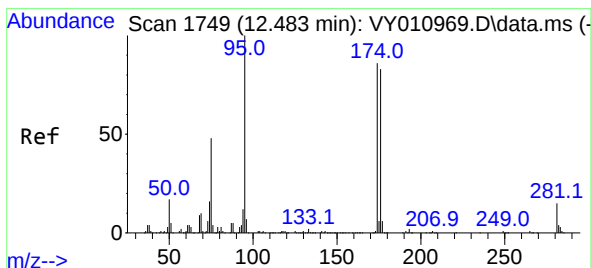
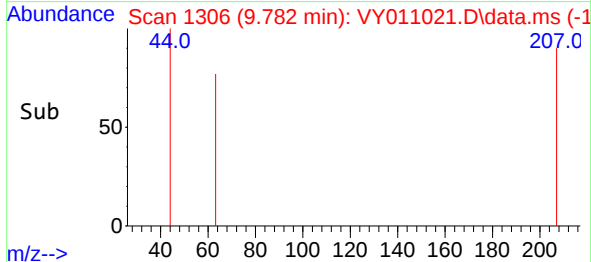
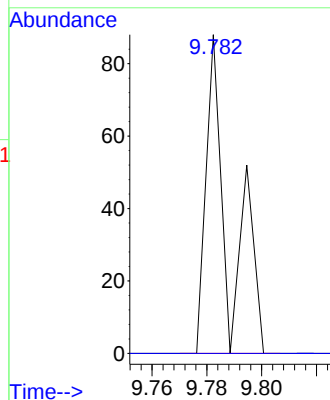
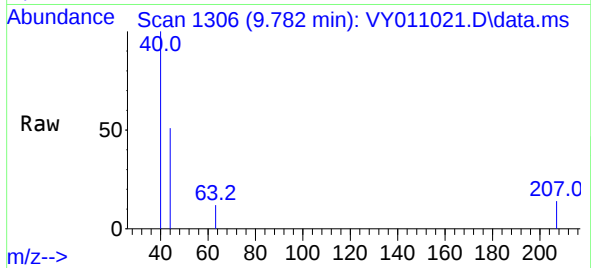




#58
2-Chloroethyl Vinyl ether
Concen: 16.983 ug/l
RT: 9.782 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

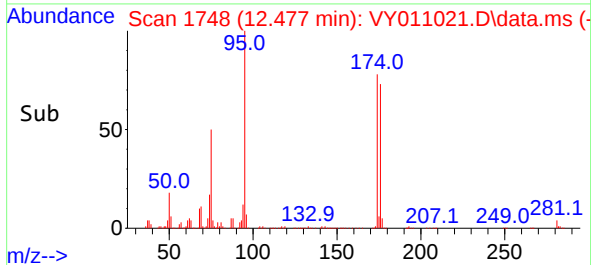
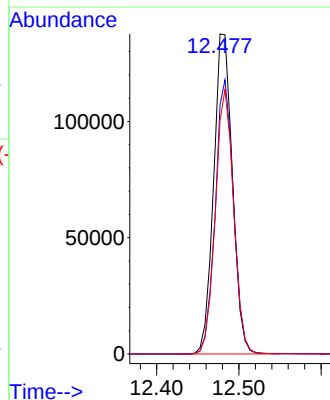
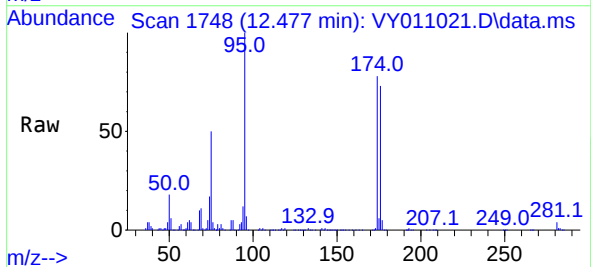
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-01-00-20

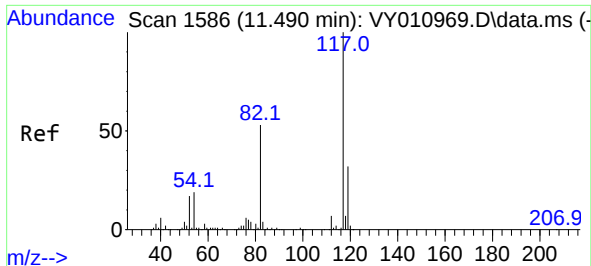
Tgt Ion: 63 Resp: 51
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#62
4-Bromofluorobenzene
Concen: 51.792 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Tgt Ion: 95 Resp: 218499
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 80.2 0.0 175.8

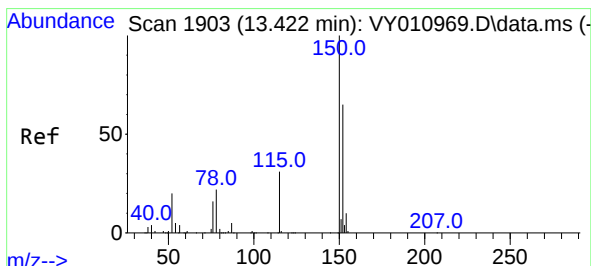
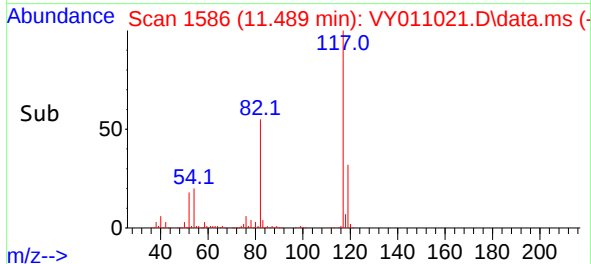
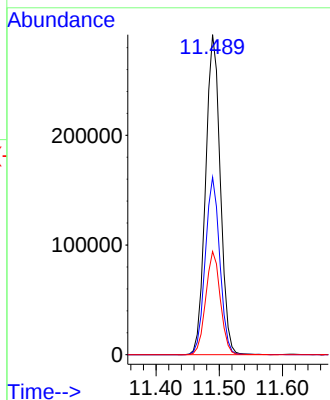
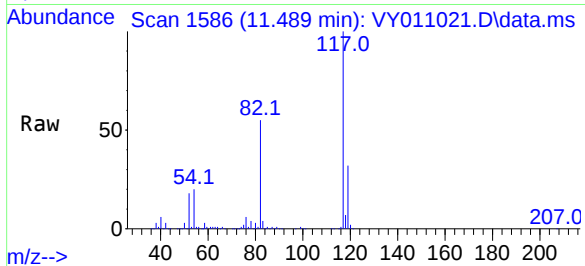




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

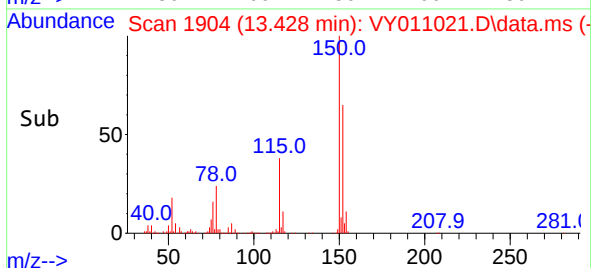
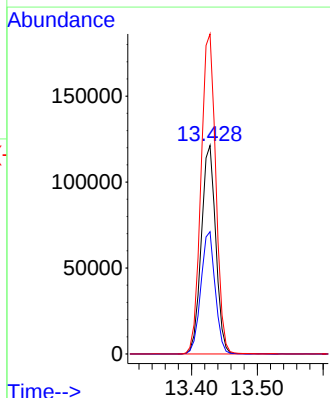
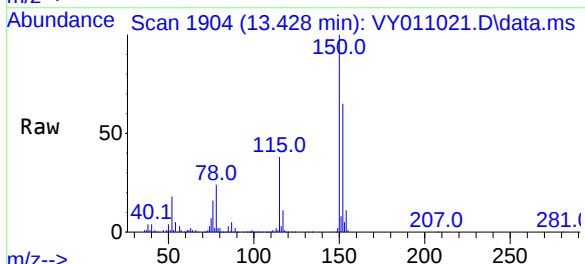
Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-01-00-20

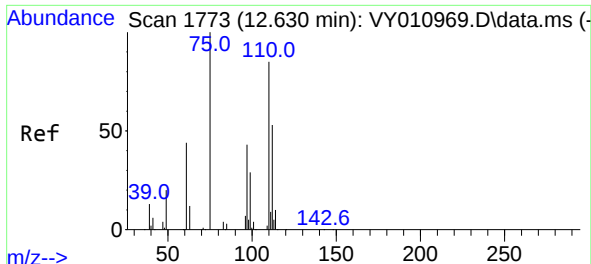
Tgt Ion:117 Resp: 471582
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Tgt Ion:152 Resp: 185355
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 157.3 0.0 347.6

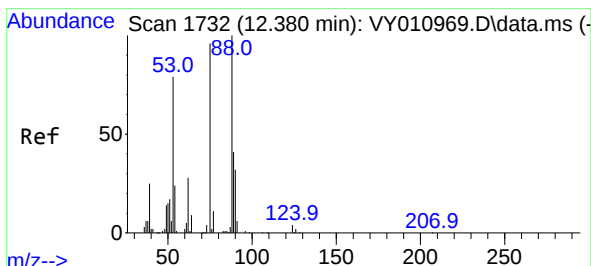
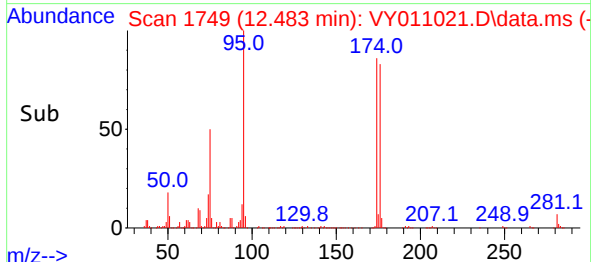
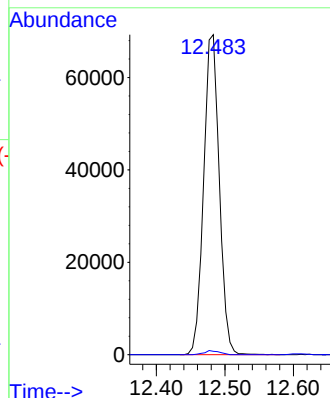
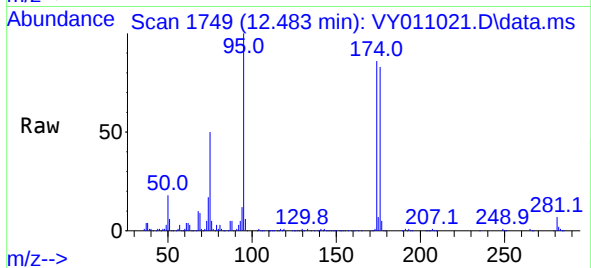




#76
1,2,3-Trichloropropane
Concen: 52.333 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Instrument :
MSVOA_Y
ClientSampleId :
LSP-SS-01-00-20

Tgt Ion: 75 Resp: 110129
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.555 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011021.D
Acq: 20 Oct 2022 13:42

Tgt Ion: 75 Resp: 110129
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.2 37.0 55.4#

