

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032488.D
 Acq On : 31 Oct 2022 15:20
 Operator : JC/MD
 Sample : N5193-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-TB-001

Quant Time: Nov 01 05:10:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

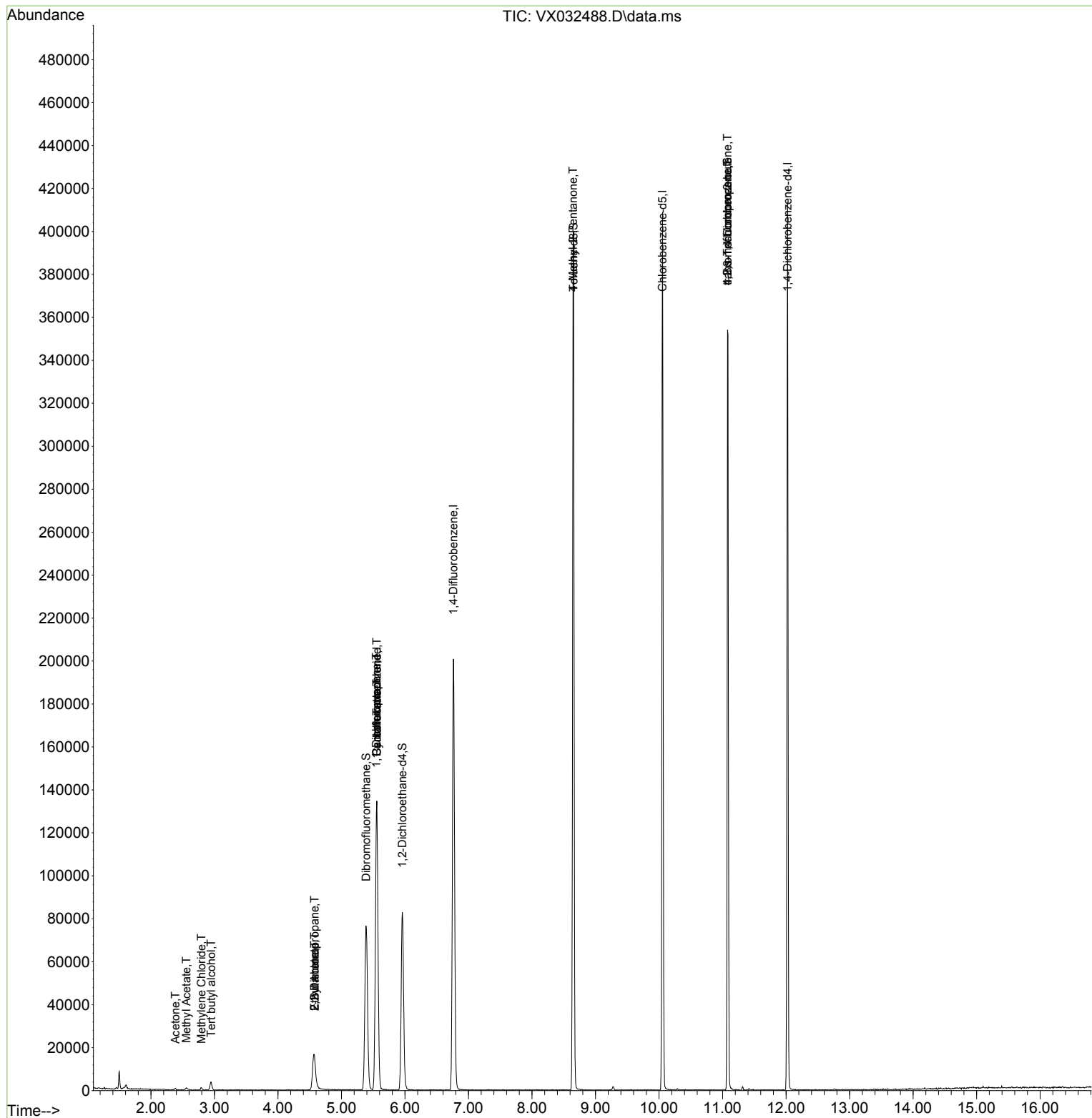
Internal Standards						
1) Pentafluorobenzene	5.556	168	125335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83944	48.202	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.400%		
35) Dibromofluoromethane	5.385	113	67240	46.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.120%		
50) Toluene-d8	8.653	98	240713	47.420	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.840%		
62) 4-Bromofluorobenzene	11.079	95	90445	45.613	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.220%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	2190	8.640	ug/l #	72
16) Acetone	2.386	43	851	1.344	ug/l #	78
18) Methyl Acetate	2.556	43	466	0.226	ug/l #	51
20) Methylene Chloride	2.794	84	561	0.387	ug/l #	79
25) 2-Butanone	4.574	43	1168	1.191	ug/l #	75
26) 2,2-Dichloropropane	4.574	77	1369	0.691	ug/l #	53
31) Cyclohexane	5.556	56	2828	1.339	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	10277	5.055	ug/l #	49
37) Ethyl Acetate	4.574	43	1168	0.552	ug/l #	1
38) Carbon Tetrachloride	5.556	117	13132	5.824	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1084	0.530	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49538	27.159	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49538	86.422	ug/l #	6

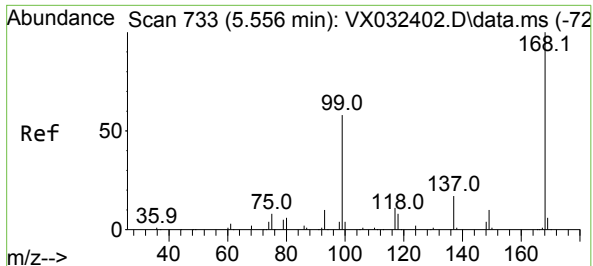
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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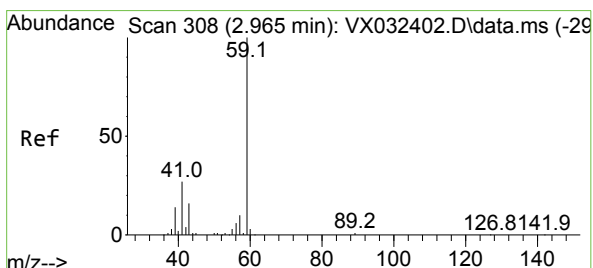
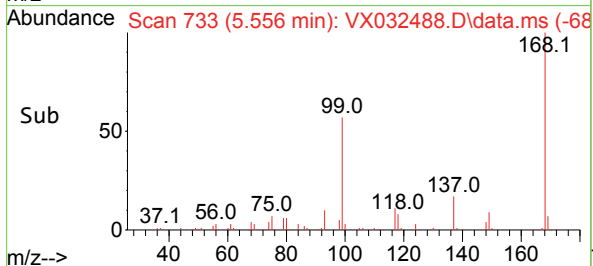
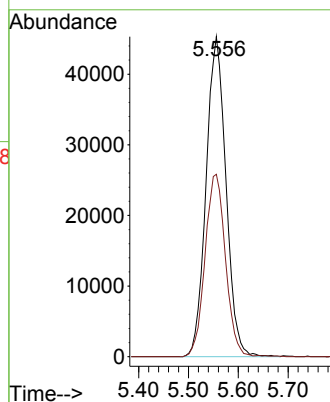
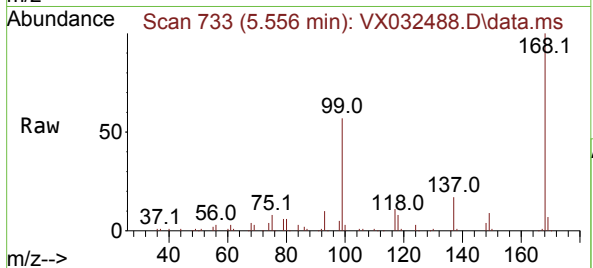




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

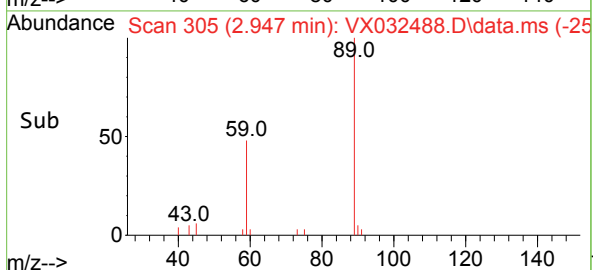
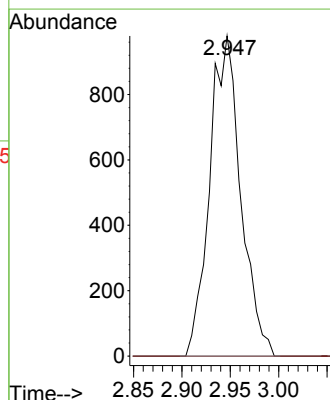
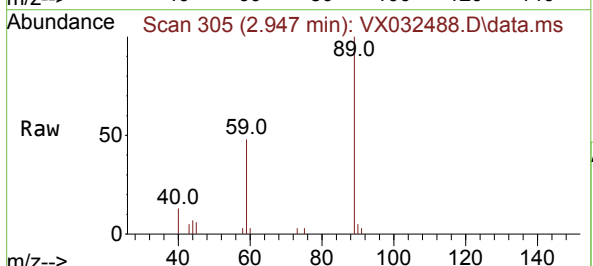
Instrument :
MSVOA_X
ClientSampleId :
LSP-TB-001

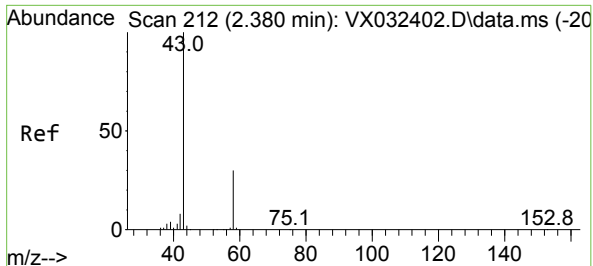
Tgt Ion:168 Resp: 125335
Ion Ratio Lower Upper
168 100
99 57.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 8.640 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

Tgt Ion: 59 Resp: 2190
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

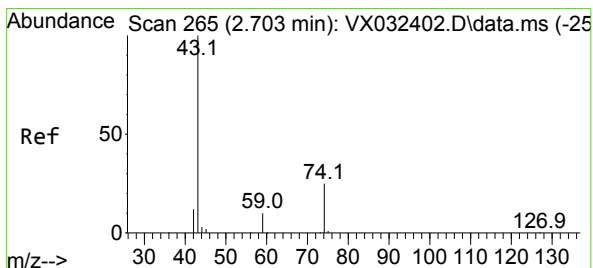
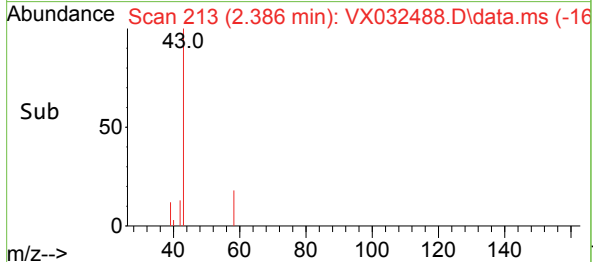
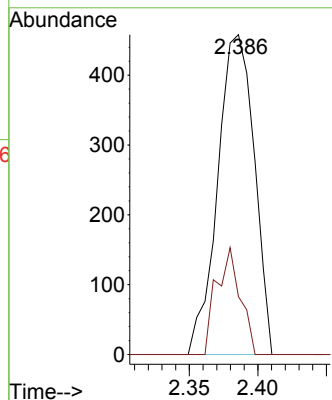
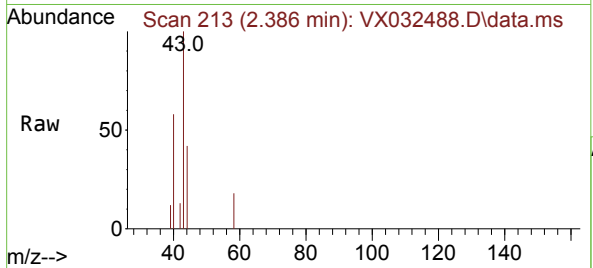




#16
Acetone
Concen: 1.344 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

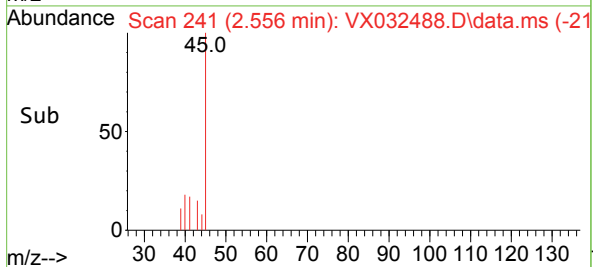
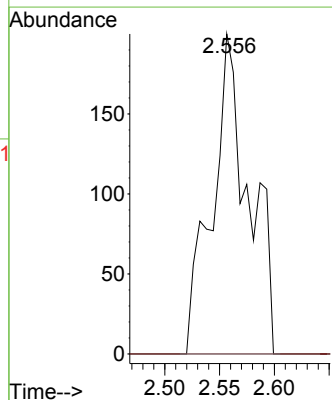
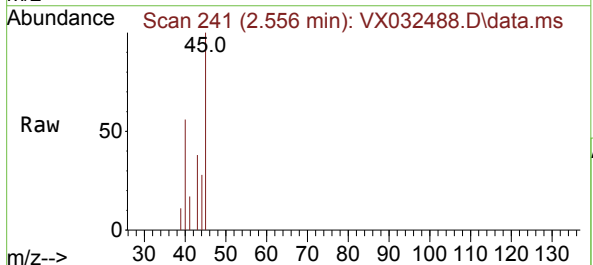
Instrument :
MSVOA_X
ClientSampleId :
LSP-TB-001

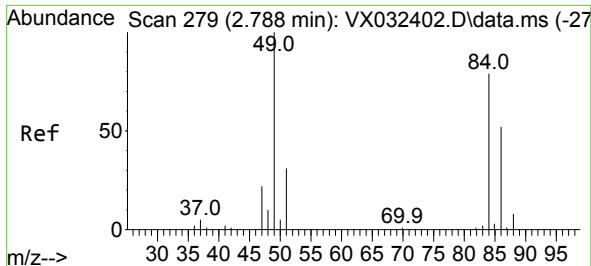
Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
58 18.1 23.8 35.8#



#18
Methyl Acetate
Concen: 0.226 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.146 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

Tgt Ion: 43 Resp: 466
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#





#20

Methylene Chloride

Concen: 0.387 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032488.D

Acq: 31 Oct 2022 15:20

Instrument :

MSVOA_X

ClientSampleId :

LSP-TB-001

Tgt Ion: 84 Resp: 561

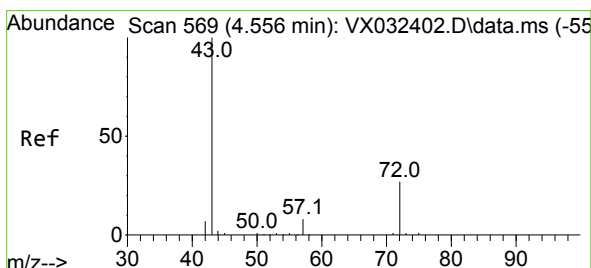
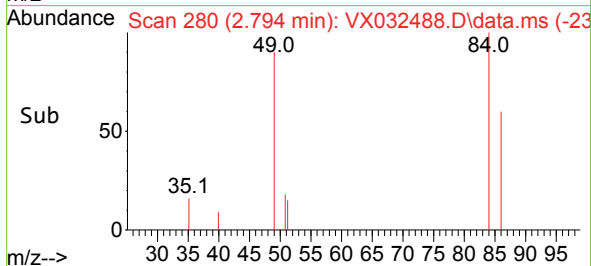
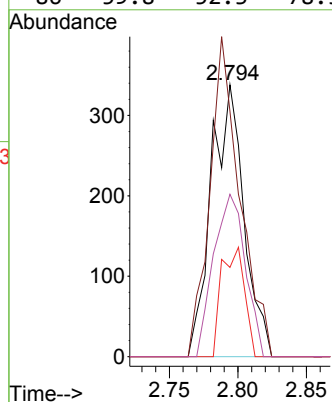
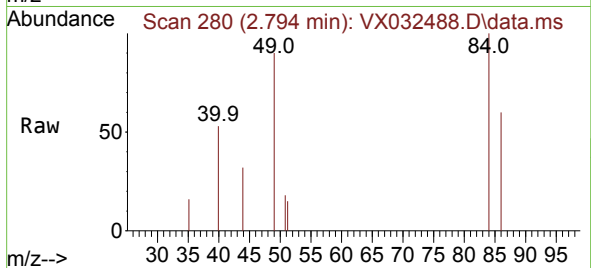
Ion Ratio Lower Upper

84 100

49 90.2 101.0 151.6#

51 32.8 31.1 46.7

86 59.8 52.3 78.5



#25

2-Butanone

Concen: 1.191 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX032488.D

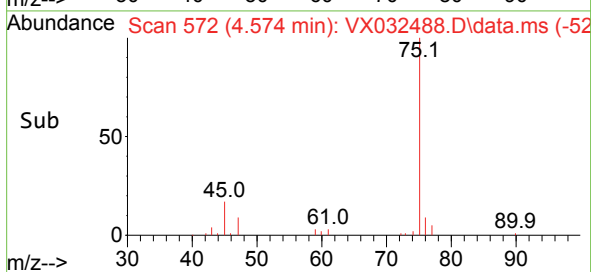
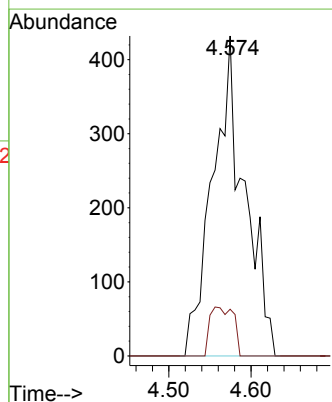
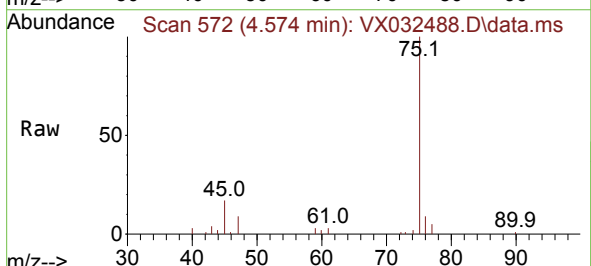
Acq: 31 Oct 2022 15:20

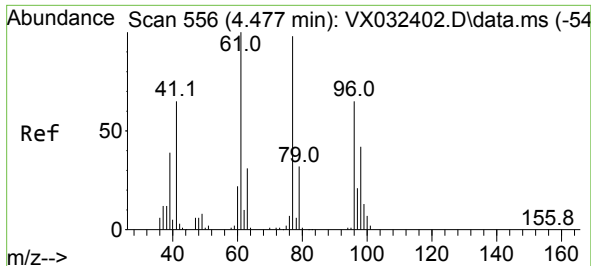
Tgt Ion: 43 Resp: 1168

Ion Ratio Lower Upper

43 100

72 14.6 22.2 33.2#

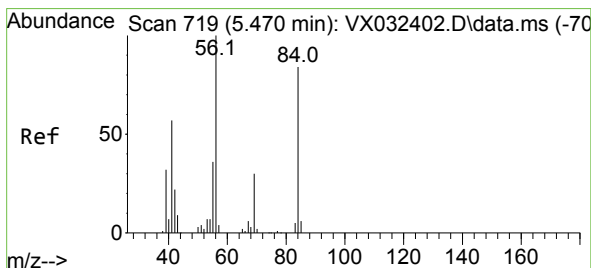
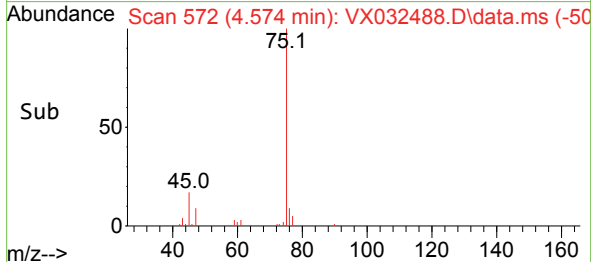
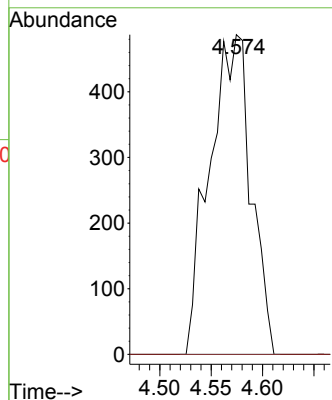
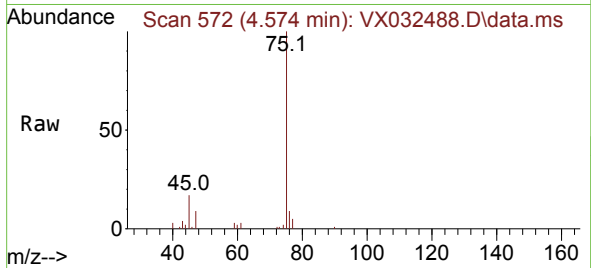




#26
2,2-Dichloropropane
Concen: 0.691 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.098 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

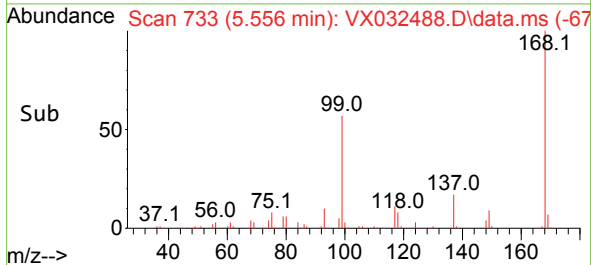
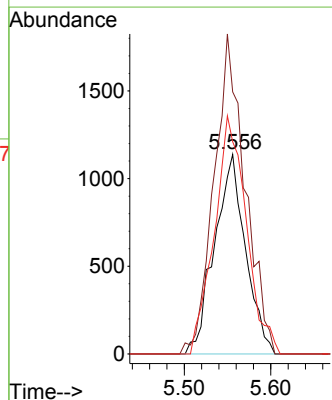
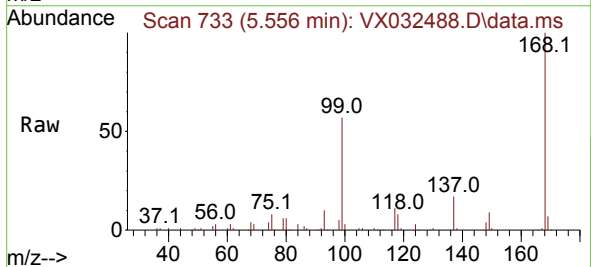
Instrument :
MSVOA_X
ClientSampleId :
LSP-TB-001

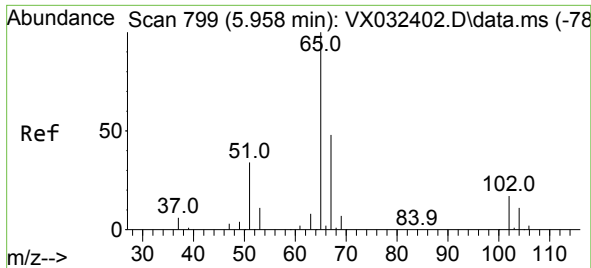
Tgt Ion: 77 Resp: 1369
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#



#31
Cyclohexane
Concen: 1.339 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

Tgt Ion: 56 Resp: 2828
Ion Ratio Lower Upper
56 100
69 131.4 24.1 36.1#
84 106.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 48.202 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032488.D

Acq: 31 Oct 2022 15:20

Instrument :

MSVOA_X

ClientSampleId :

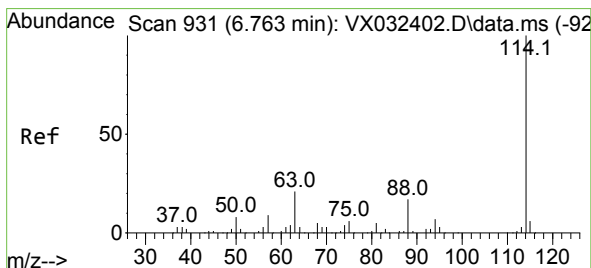
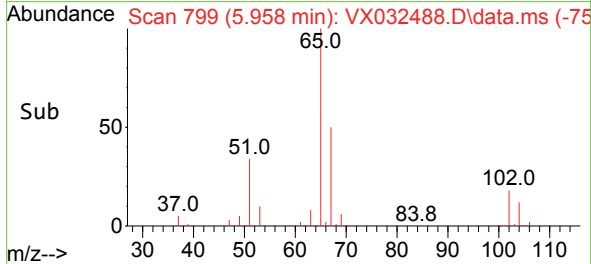
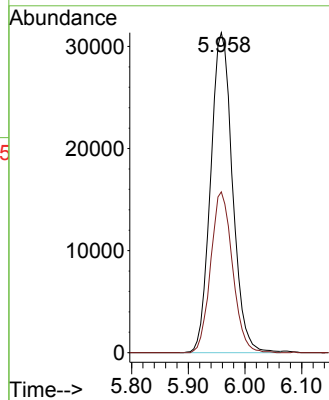
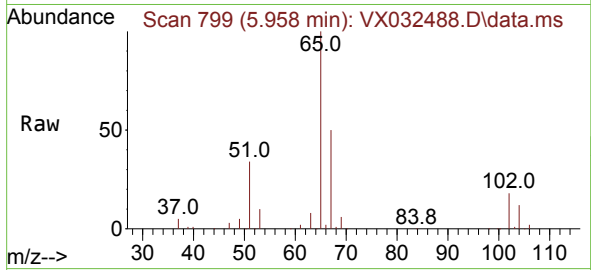
LSP-TB-001

Tgt Ion: 65 Resp: 83944

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032488.D

Acq: 31 Oct 2022 15:20

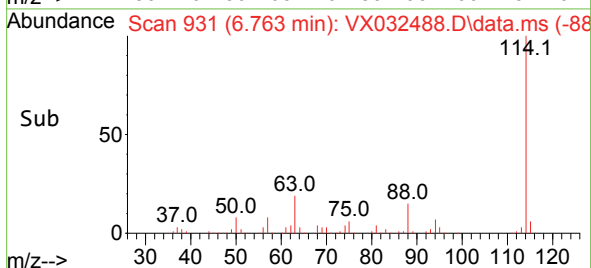
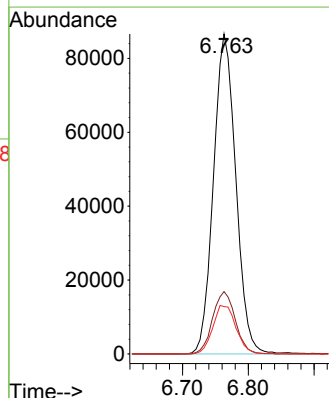
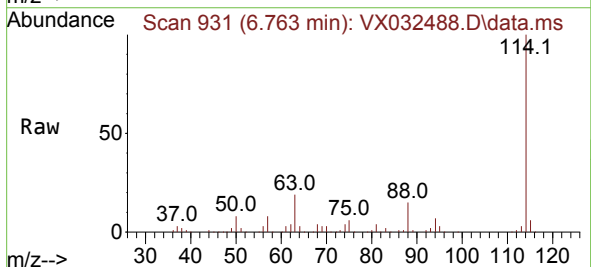
Tgt Ion: 114 Resp: 204659

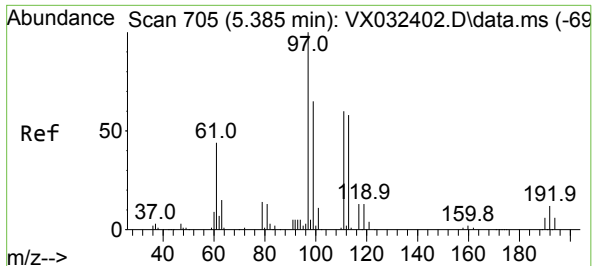
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 14.8 0.0 33.4

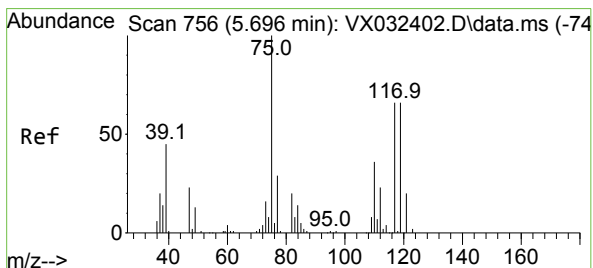
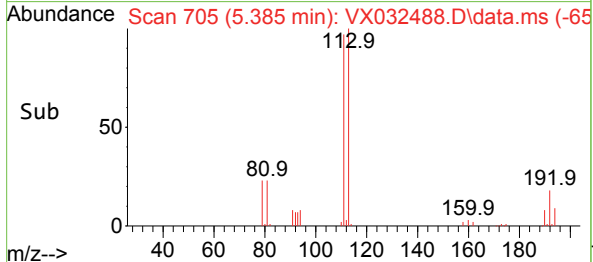
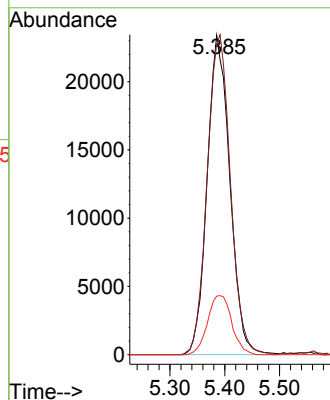
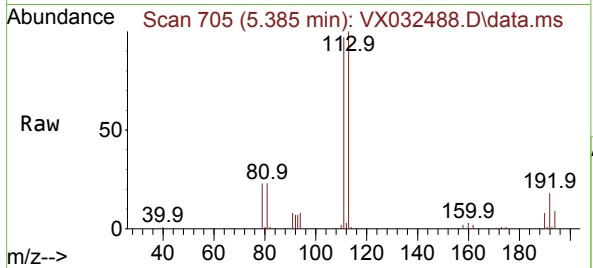




#35
Dibromofluoromethane
Concen: 46.059 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

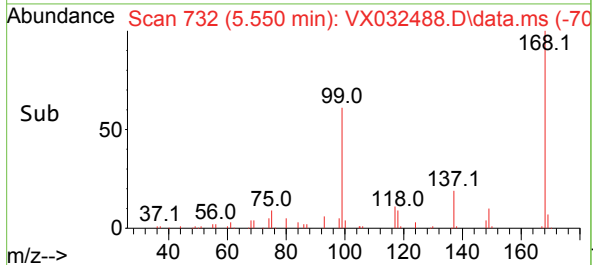
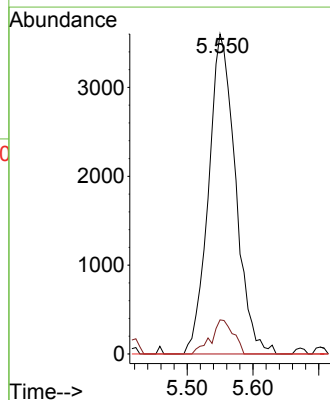
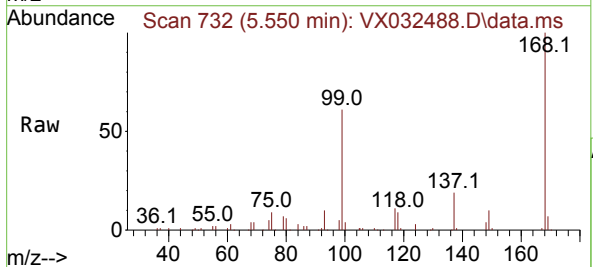
Instrument :
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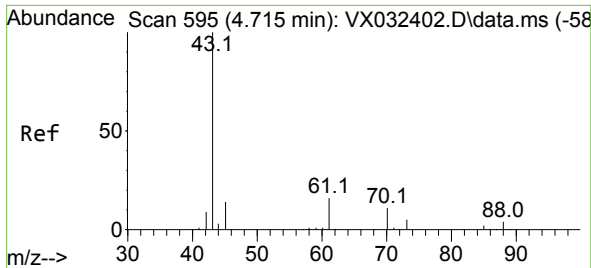
Tgt Ion:113 Resp: 67240
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 19.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

Tgt Ion: 75 Resp: 10277
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.5 36.7#

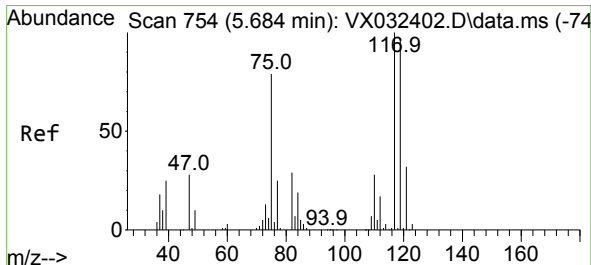
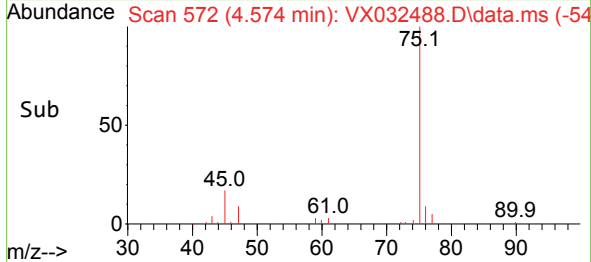
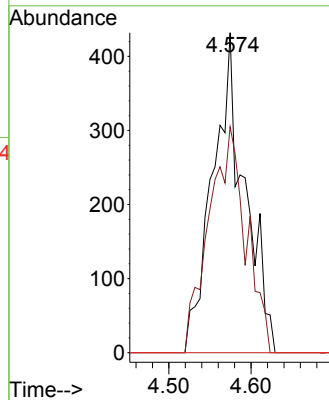
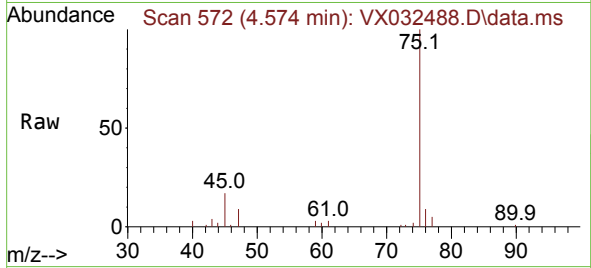




#37
Ethyl Acetate
Concen: 0.552 ug/l
RT: 4.574 min Scan# 511
Delta R.T. -0.140 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

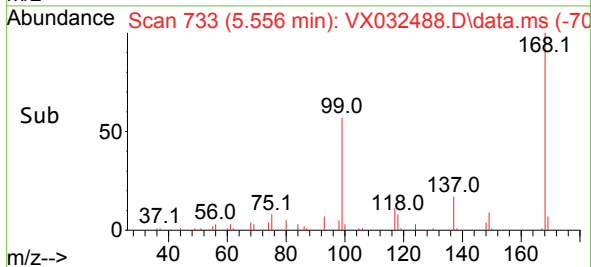
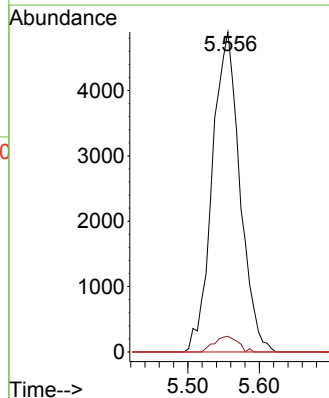
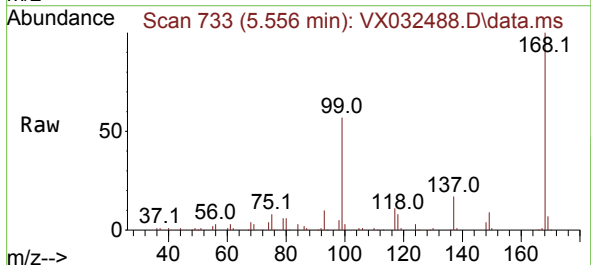
Instrument :
MSVOA_X
ClientSampleId :
LSP-TB-001

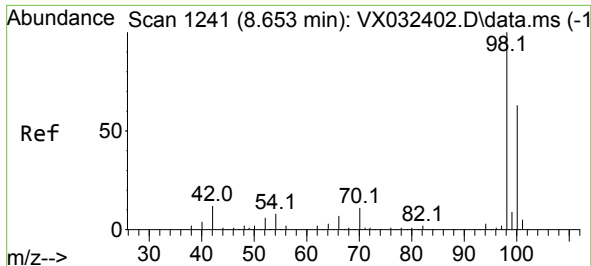
Tgt Ion: 43 Resp: 1168
Ion Ratio Lower Upper
43 100
61 81.6 11.5 17.3#
70 0.0 9.1 13.7#



#38
Carbon Tetrachloride
Concen: 5.824 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

Tgt Ion: 117 Resp: 13132
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 25.8 38.6#

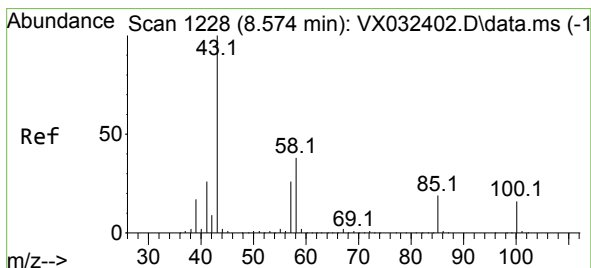
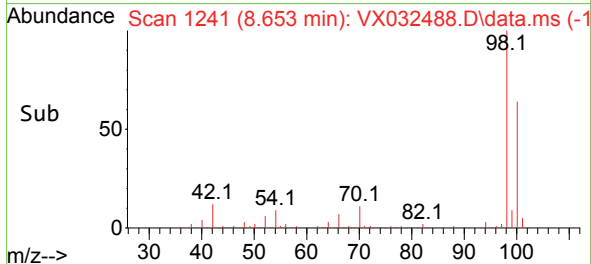
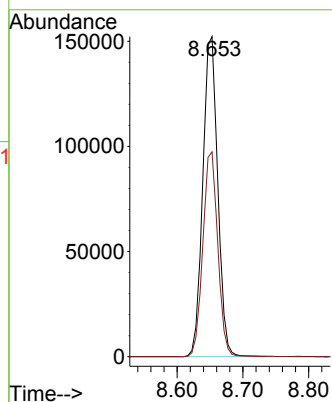
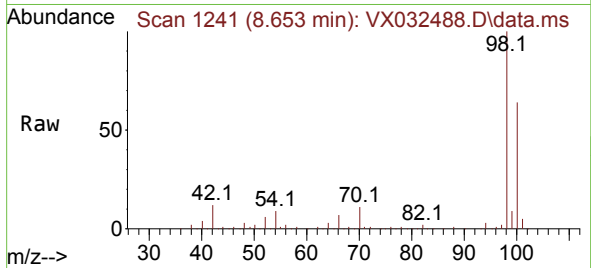




#50
Toluene-d8
Concen: 47.420 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

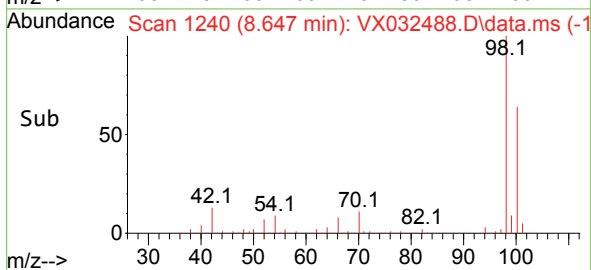
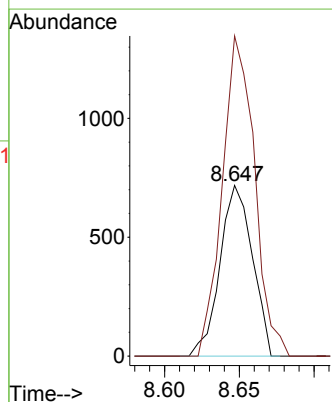
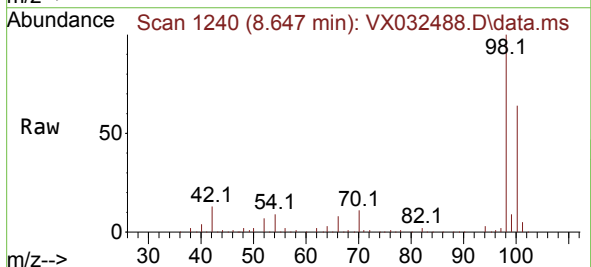
Instrument :
MSVOA_X
ClientSampleId :
LSP-TB-001

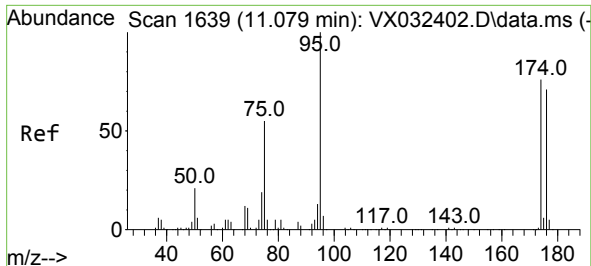
Tgt Ion: 98 Resp: 240713
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
58 186.6 30.9 46.3#

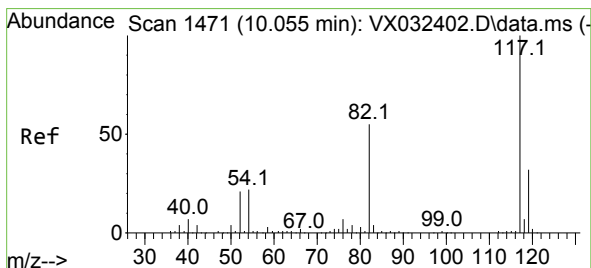
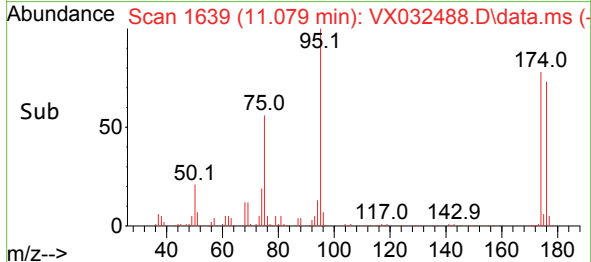
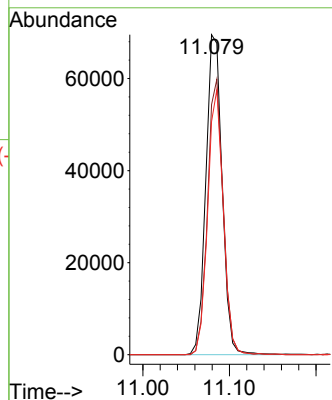
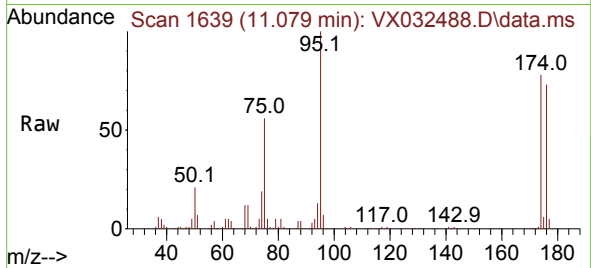




#62
4-Bromofluorobenzene
Concen: 45.613 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

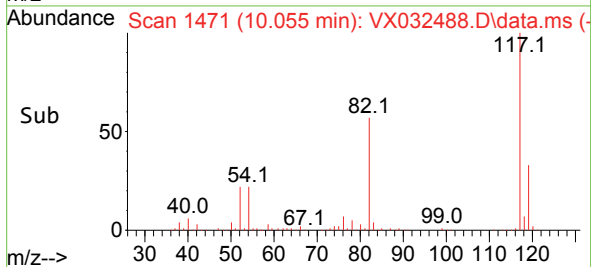
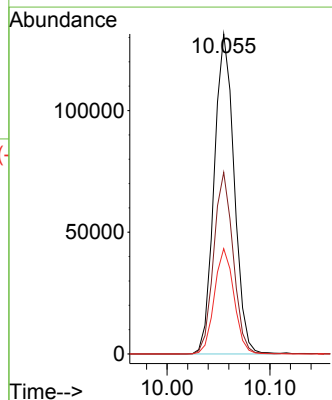
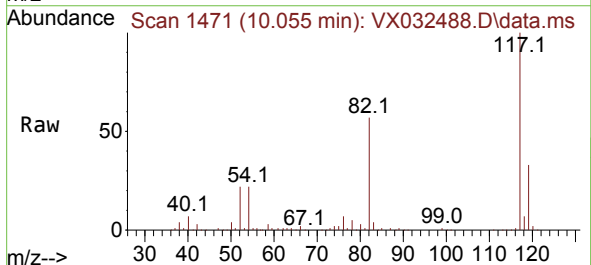
Instrument :
MSVOA_X
ClientSampleId :
LSP-TB-001

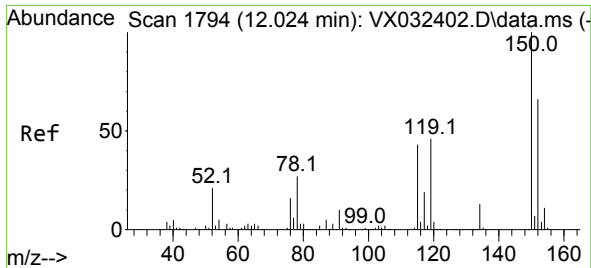
Tgt Ion: 95 Resp: 90445
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.0
176 79.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032488.D
Acq: 31 Oct 2022 15:20

Tgt Ion: 117 Resp: 177424
Ion Ratio Lower Upper
117 100
82 56.8 44.3 66.5
119 32.9 25.7 38.5

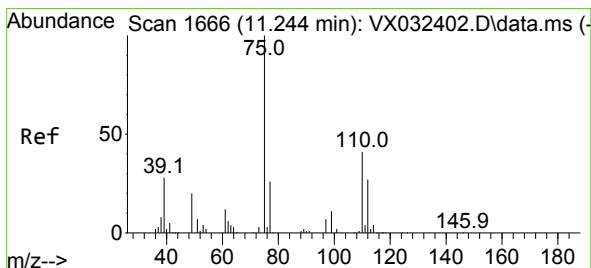
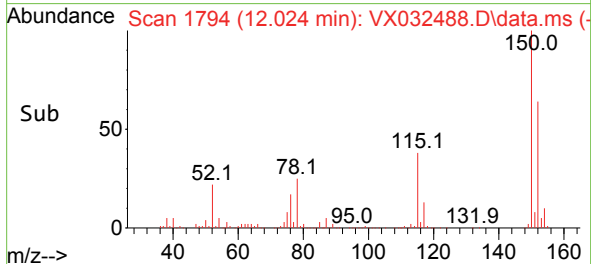
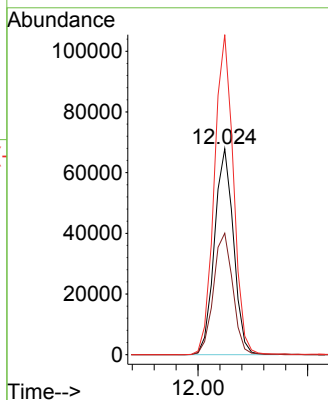
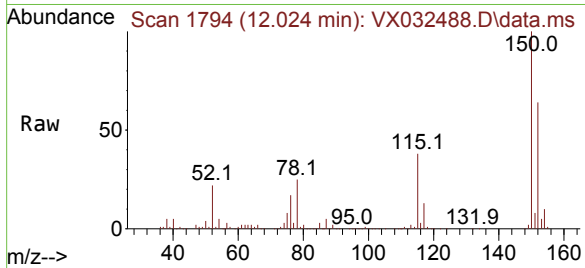




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032488.D
 Acq: 31 Oct 2022 15:20

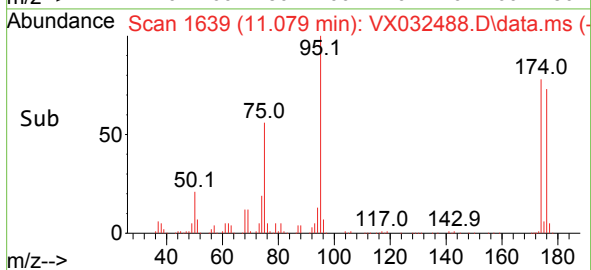
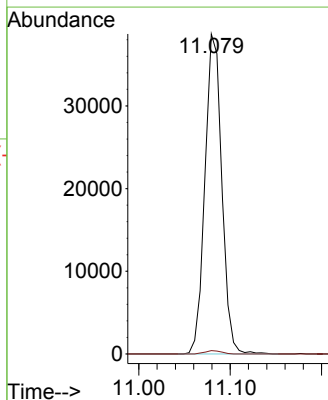
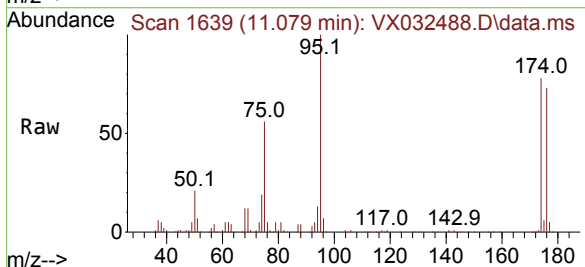
Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-TB-001

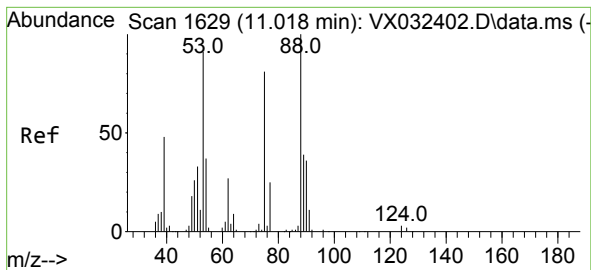
Tgt Ion:152 Resp: 81985
 Ion Ratio Lower Upper
 152 100
 115 59.9 44.0 132.0
 150 156.0 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 27.159 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032488.D
 Acq: 31 Oct 2022 15:20

Tgt Ion: 75 Resp: 49538
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.422 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032488.D
 Acq: 31 Oct 2022 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-TB-001

Tgt Ion: 75 Resp: 49538
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

