

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122122\
 Data File : VX033528.D
 Acq On : 21 Dec 2022 12:25
 Operator : JC/MD
 Sample : N6149-09 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PARS-1

Quant Time: Dec 22 03:56:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

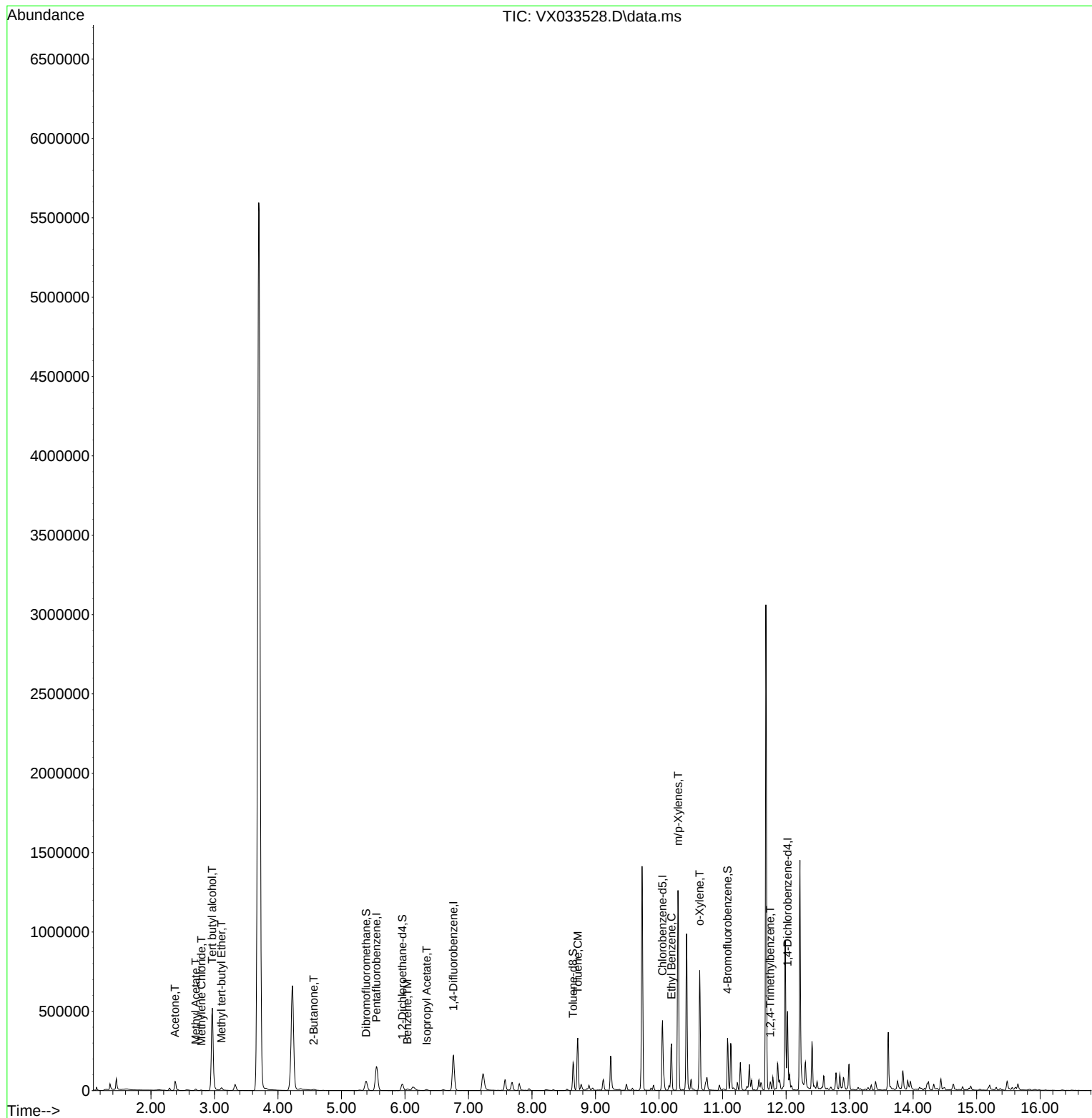
Internal Standards						
1) Pentafluorobenzene	5.550	168	155165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40761	40.948	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.900%
35) Dibromofluoromethane	5.385	113	52232	47.786	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.580%
50) Toluene-d8	8.647	98	110801	48.458	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.920%
62) 4-Bromofluorobenzene	11.079	95	85466	48.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	67430	221.563	ug/l #	78
16) Acetone	2.380	43	64467	87.520	ug/l	92
18) Methyl Acetate	2.703	43	11264	5.282	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	16722	3.432	ug/l	96
20) Methylene Chloride	2.794	84	1865	1.135	ug/l #	85
25) 2-Butanone	4.562	43	7689	7.272	ug/l #	83
40) Benzene	6.038	78	12777	2.056	ug/l	95
43) Isopropyl Acetate	6.342	43	6074	1.874	ug/l	96
52) Toluene	8.720	92	129566	32.252	ug/l	100
67) Ethyl Benzene	10.195	91	176696	23.581	ug/l	99
68) m/p-Xylenes	10.299	106	306079	104.987	ug/l	96
69) o-Xylene	10.640	106	161571	56.068	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	19802	3.228	ug/l	89

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

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PARS-1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

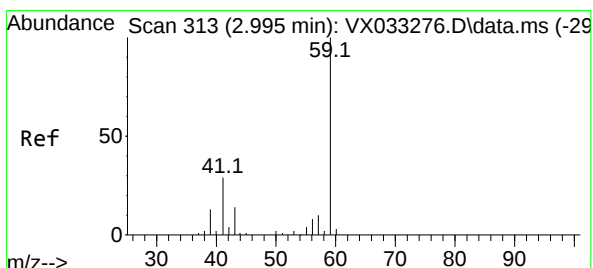
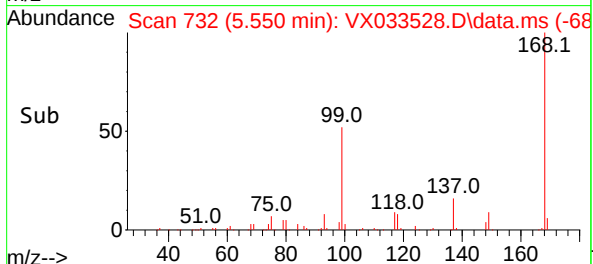
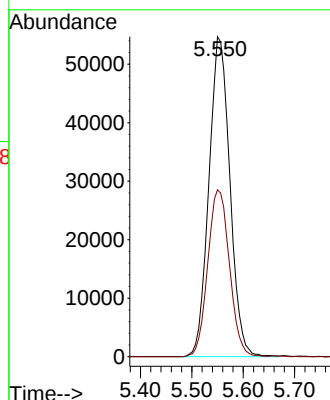
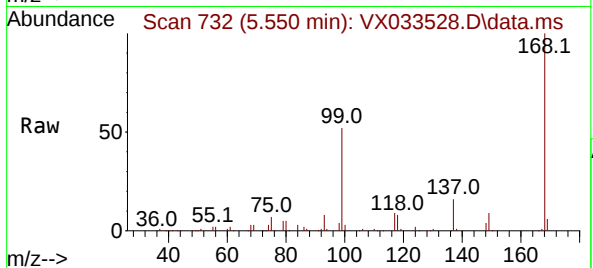




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033528.D
Acq: 21 Dec 2022 12:25

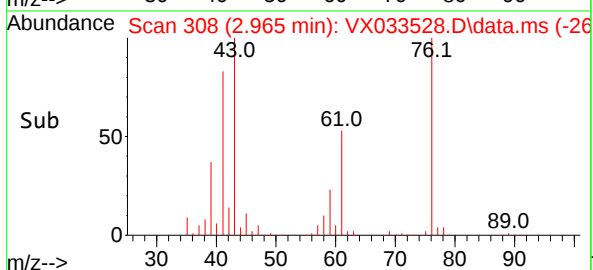
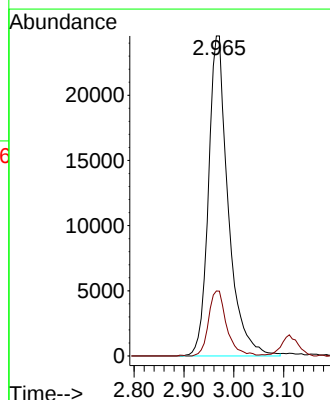
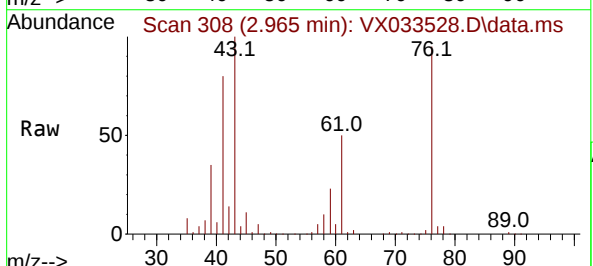
Instrument :
MSVOA_X
ClientSampleId :
PARS-1

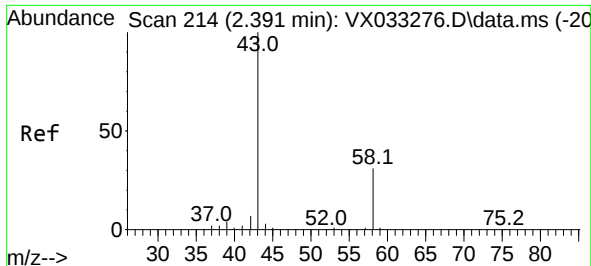
Tgt Ion:168 Resp: 155165
Ion Ratio Lower Upper
168 100
99 52.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 221.563 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.030 min
Lab File: VX033528.D
Acq: 21 Dec 2022 12:25

Tgt Ion: 59 Resp: 67430
Ion Ratio Lower Upper
59 100
57 18.7 8.2 12.4#





#16

Acetone

Concen: 87.520 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX033528.D

Acq: 21 Dec 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

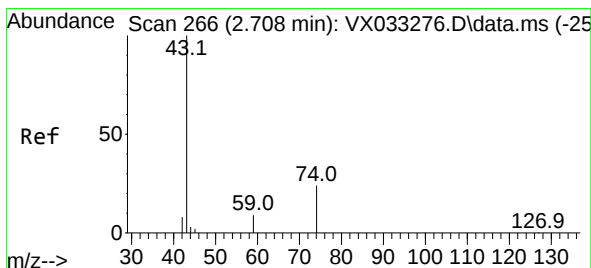
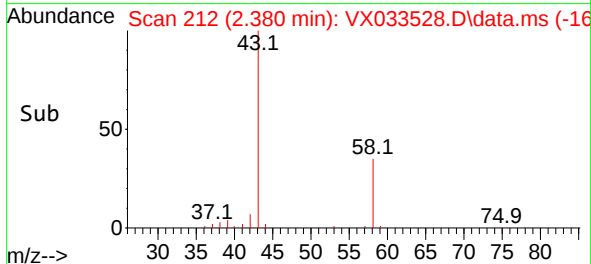
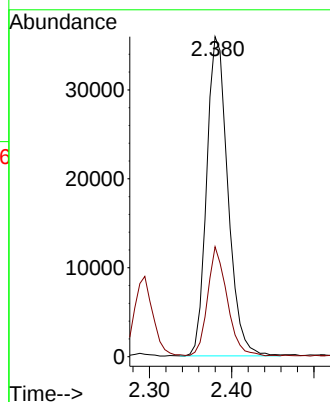
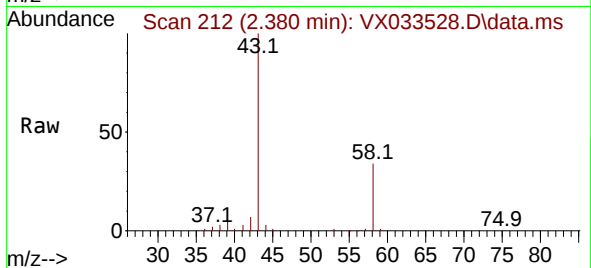
PARS-1

Tgt Ion: 43 Resp: 64467

Ion Ratio Lower Upper

43 100

58 34.1 23.8 35.8



#18

Methyl Acetate

Concen: 5.282 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX033528.D

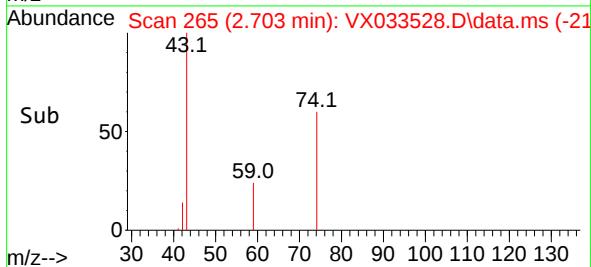
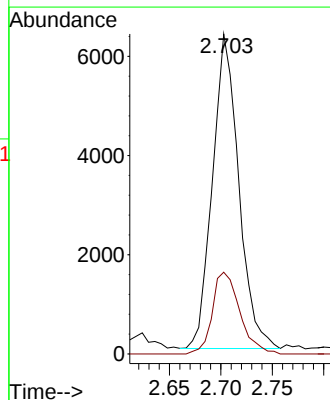
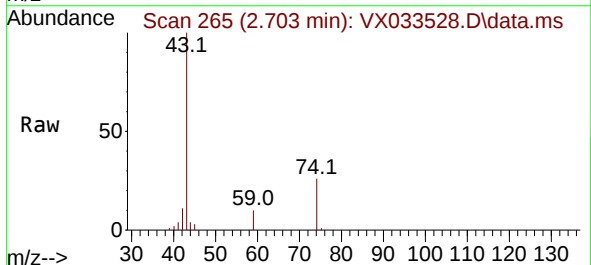
Acq: 21 Dec 2022 12:25

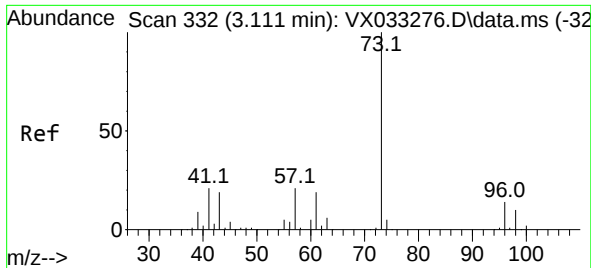
Tgt Ion: 43 Resp: 11264

Ion Ratio Lower Upper

43 100

74 27.1 19.4 29.0

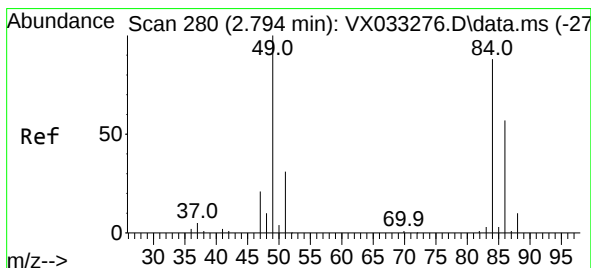
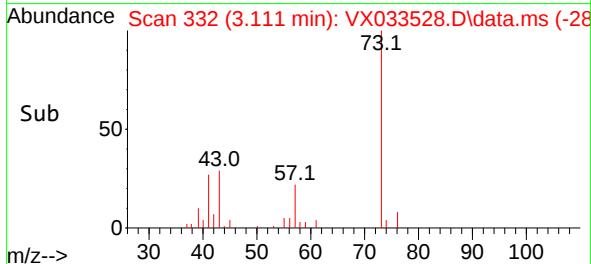
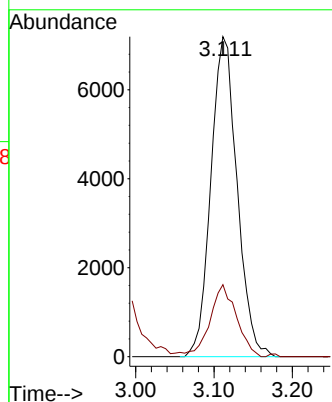
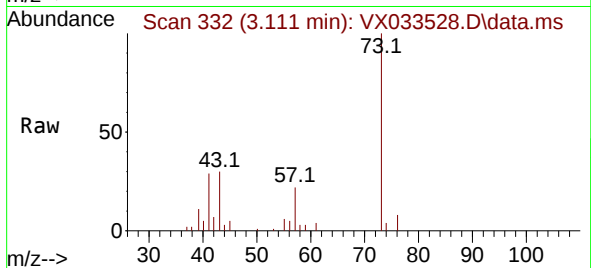




#19
Methyl tert-butyl Ether
Concen: 3.432 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033528.D
Acq: 21 Dec 2022 12:25

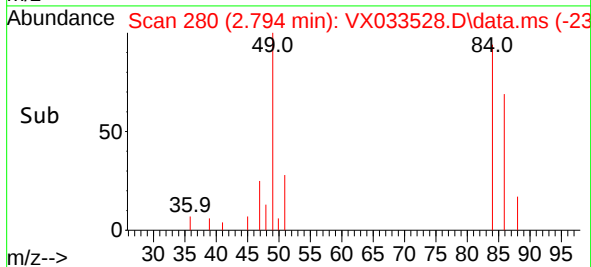
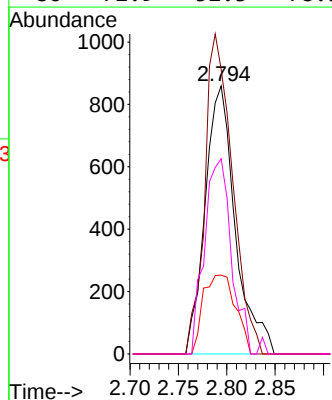
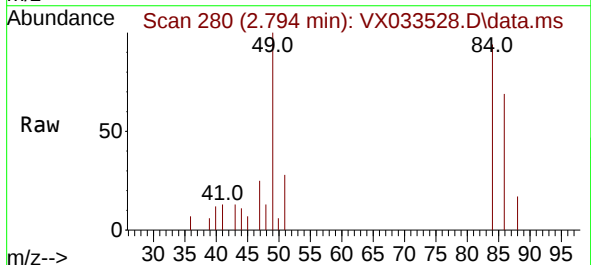
Instrument :
MSVOA_X
ClientSampleId :
PARS-1

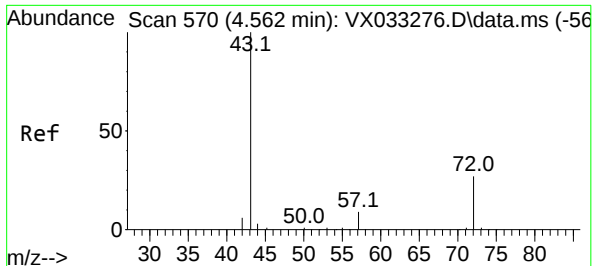
Tgt Ion: 73 Resp: 16722
Ion Ratio Lower Upper
73 100
57 22.5 16.6 25.0



#20
Methylene Chloride
Concen: 1.135 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033528.D
Acq: 21 Dec 2022 12:25

Tgt Ion: 84 Resp: 1865
Ion Ratio Lower Upper
84 100
49 106.2 101.0 151.6
51 29.5 31.1 46.7#
86 72.9 52.3 78.5





#25

2-Butanone

Concen: 7.272 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033528.D

Acq: 21 Dec 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

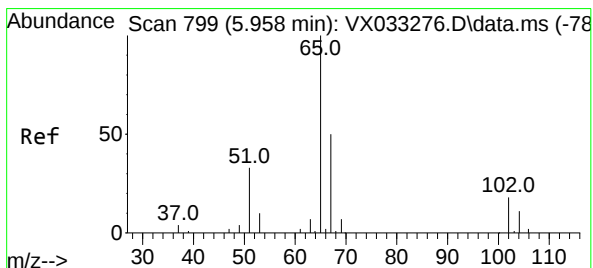
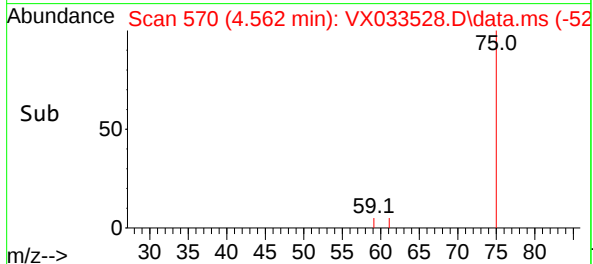
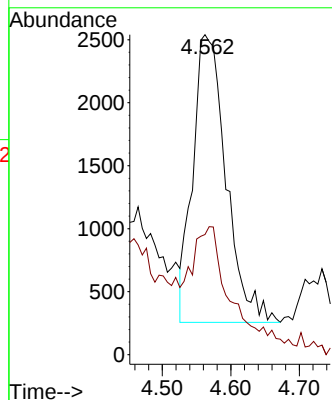
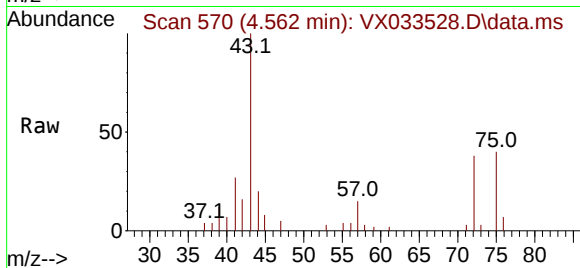
PARS-1

Tgt Ion: 43 Resp: 7689

Ion Ratio Lower Upper

43 100

72 36.4 22.2 33.2#



#33

1,2-Dichloroethane-d4

Concen: 40.948 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033528.D

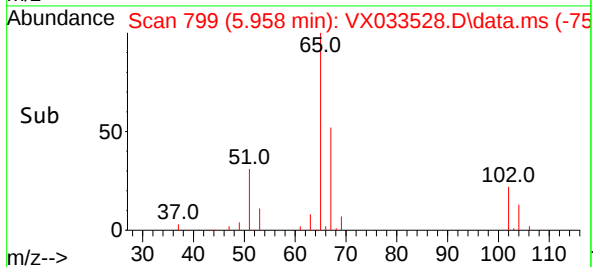
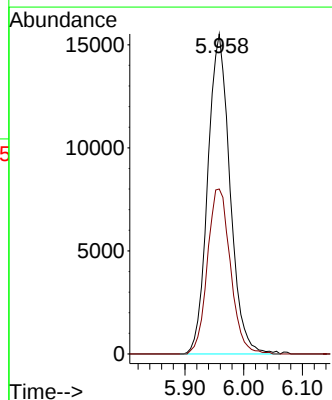
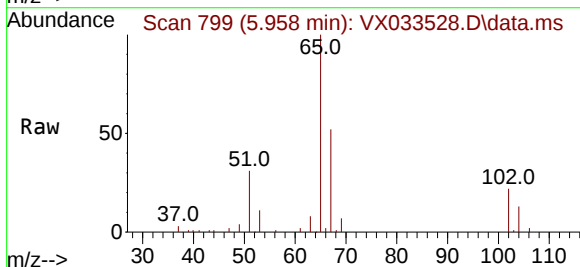
Acq: 21 Dec 2022 12:25

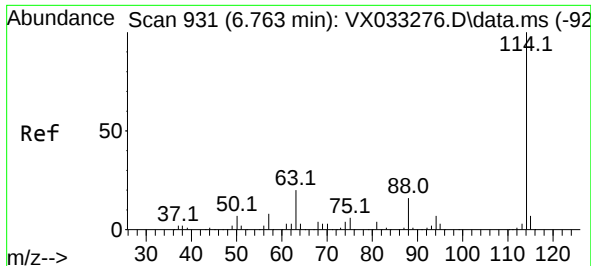
Tgt Ion: 65 Resp: 40761

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8

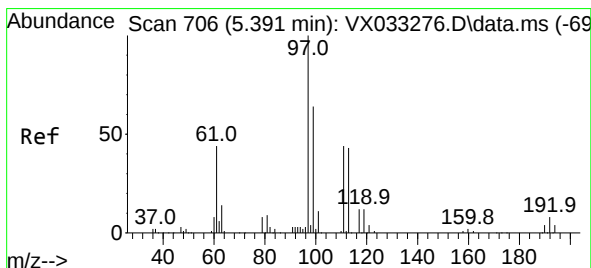
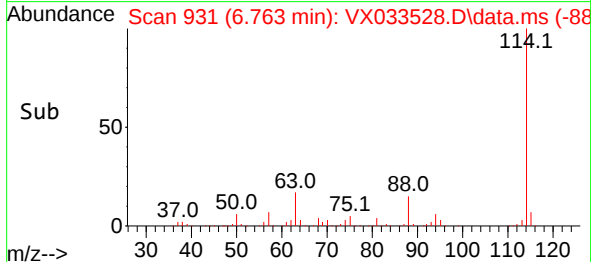
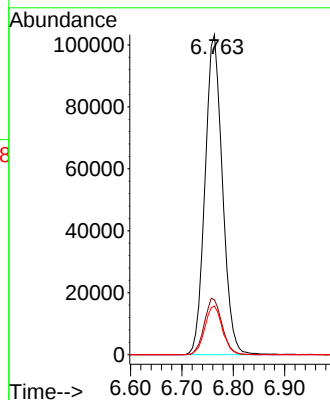
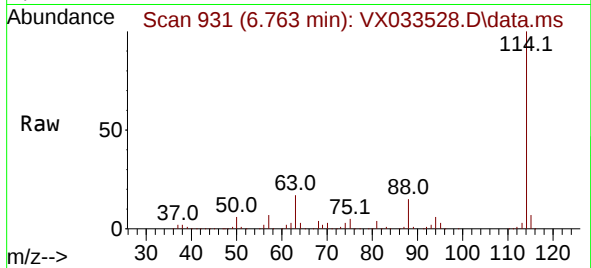




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033528.D
Acq: 21 Dec 2022 12:25

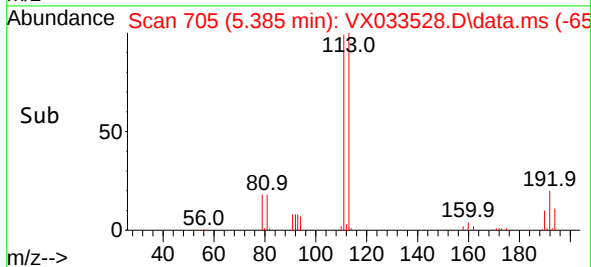
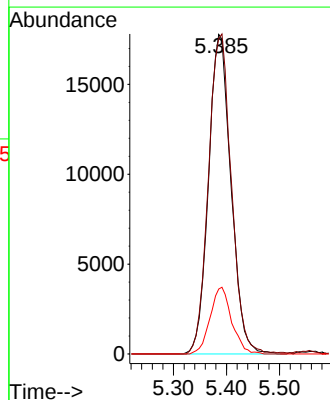
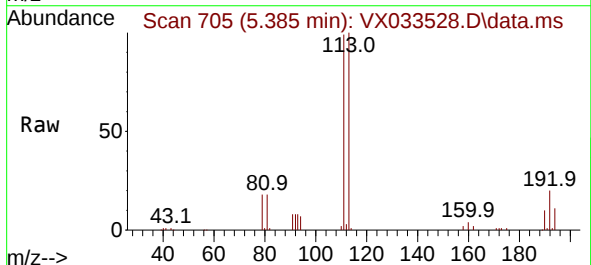
Instrument :
MSVOA_X
ClientSampleId :
PARS-1

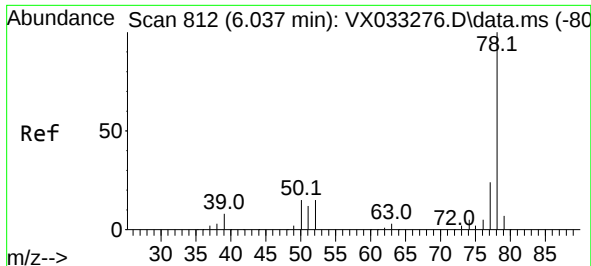
Tgt Ion:114 Resp: 243014
Ion Ratio Lower Upper
114 100
63 17.1 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.786 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033528.D
Acq: 21 Dec 2022 12:25

Tgt Ion:113 Resp: 52232
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 20.1 15.4 23.2





#40

Benzene

Concen: 2.056 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033528.D

Acq: 21 Dec 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

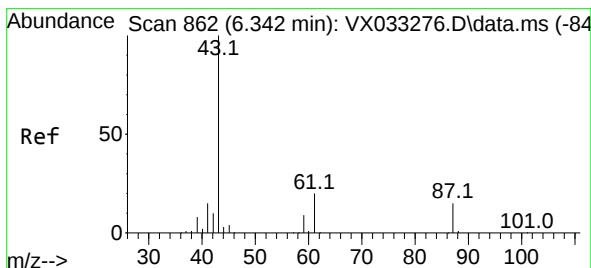
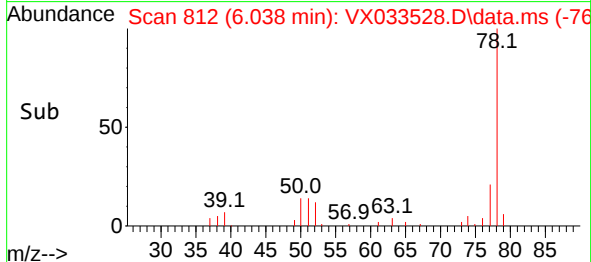
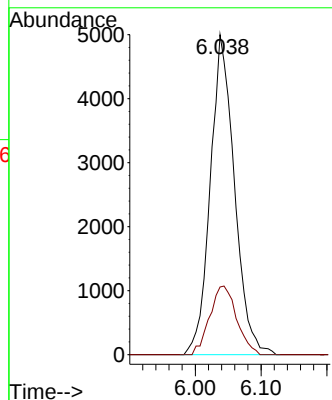
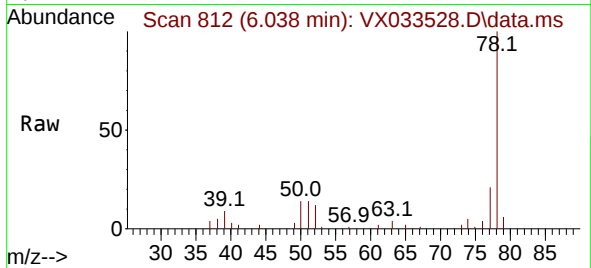
PARS-1

Tgt Ion: 78 Resp: 12777

Ion Ratio Lower Upper

78 100

77 21.1 19.0 28.4



#43

Isopropyl Acetate

Concen: 1.874 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX033528.D

Acq: 21 Dec 2022 12:25

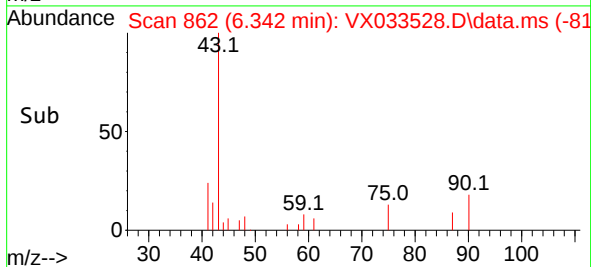
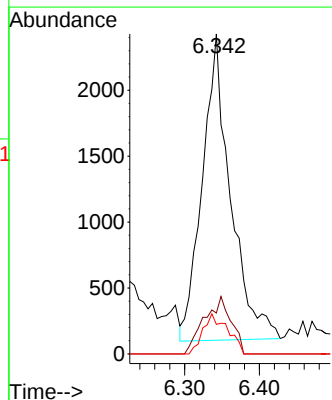
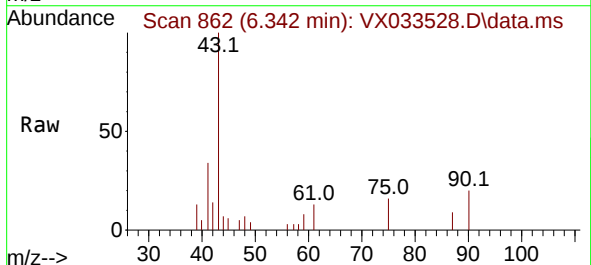
Tgt Ion: 43 Resp: 6074

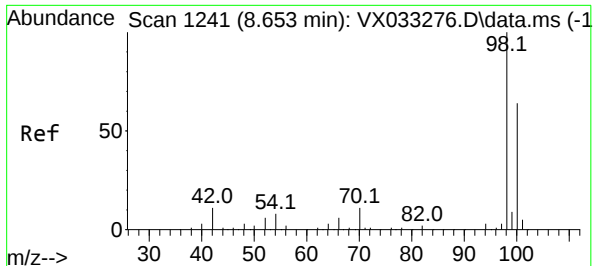
Ion Ratio Lower Upper

43 100

61 17.8 15.4 23.0

87 11.5 10.8 16.2





#50

Toluene-d8

Concen: 48.458 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033528.D

Acq: 21 Dec 2022 12:25

Instrument :

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ClientSampleId :

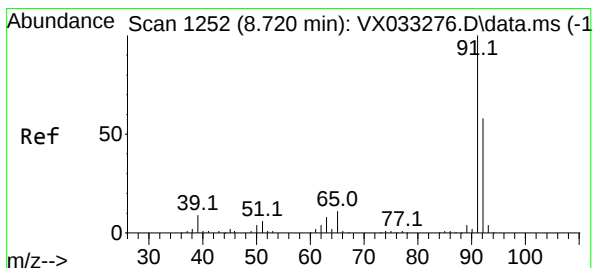
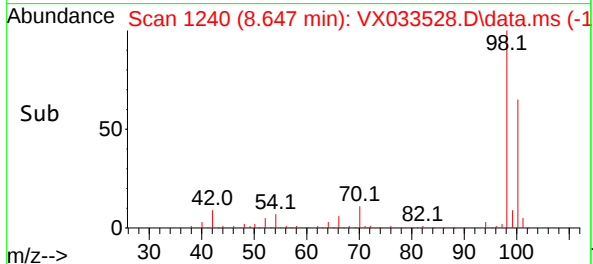
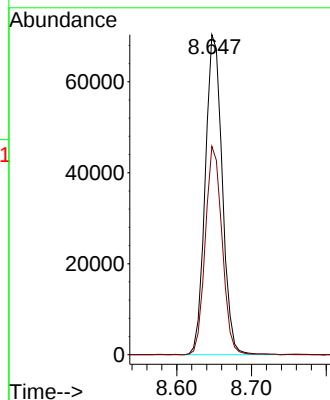
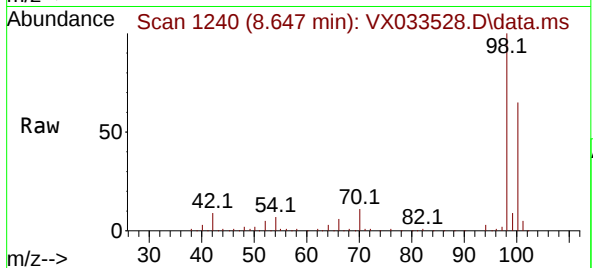
PARS-1

Tgt Ion: 98 Resp: 110801

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3



#52

Toluene

Concen: 32.252 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033528.D

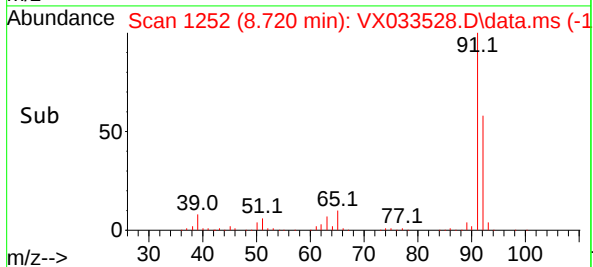
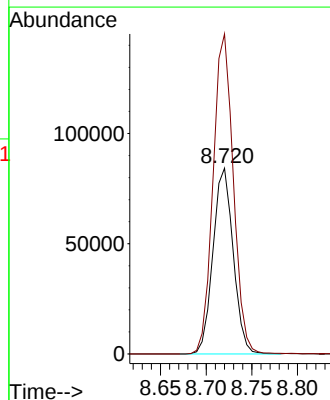
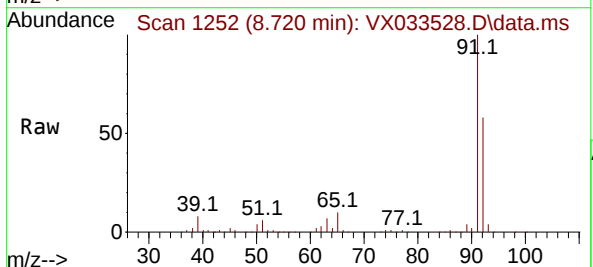
Acq: 21 Dec 2022 12:25

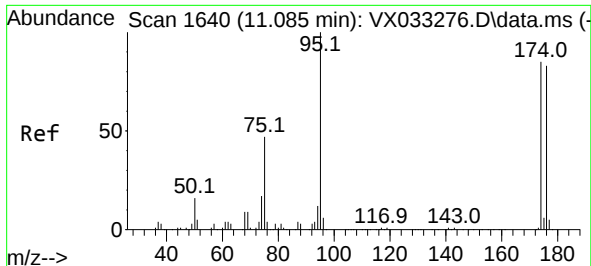
Tgt Ion: 92 Resp: 129566

Ion Ratio Lower Upper

92 100

91 172.7 138.3 207.5





#62

4-Bromofluorobenzene

Concen: 48.884 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033528.D

Acq: 21 Dec 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

PARS-1

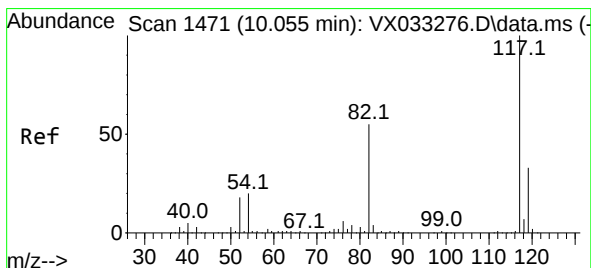
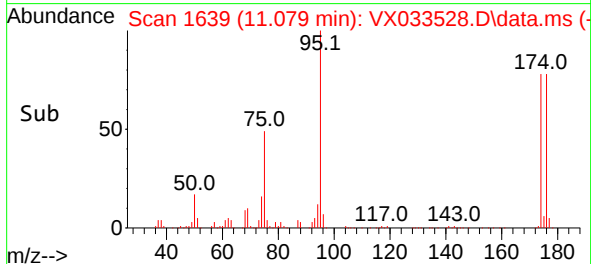
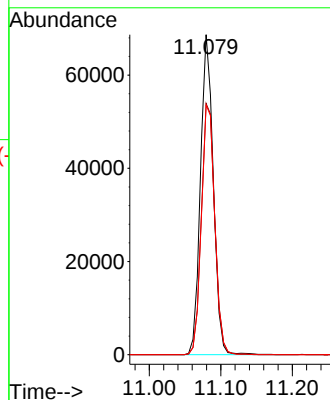
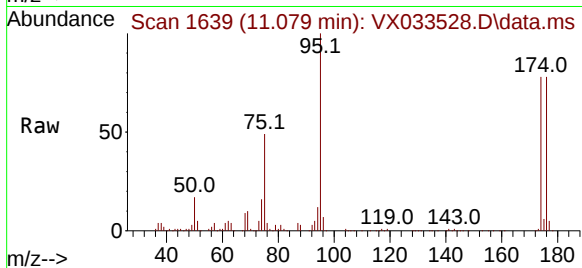
Tgt Ion: 95 Resp: 85466

Ion Ratio Lower Upper

95 100

174 82.0 0.0 164.0

176 81.4 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: VX033528.D

Acq: 21 Dec 2022 12:25

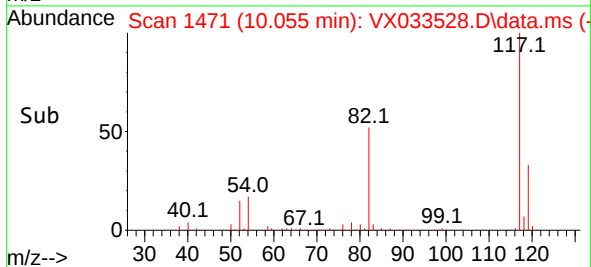
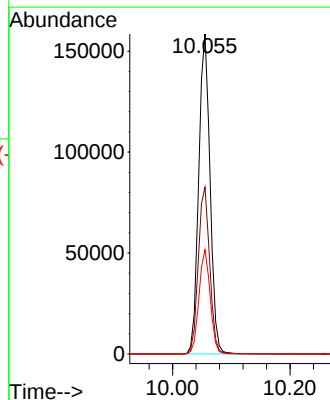
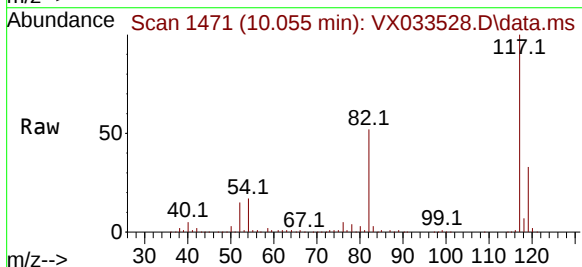
Tgt Ion: 117 Resp: 212402

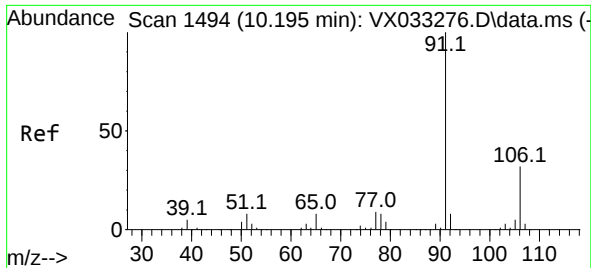
Ion Ratio Lower Upper

117 100

82 52.1 44.3 66.5

119 32.6 25.7 38.5

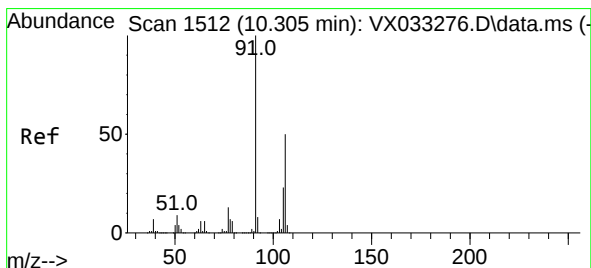
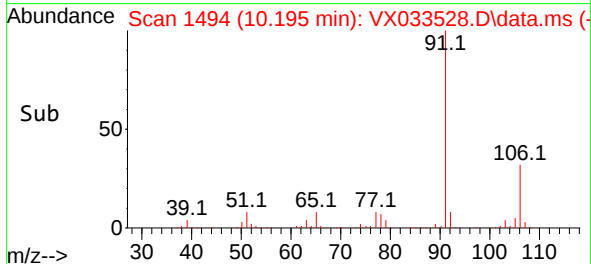
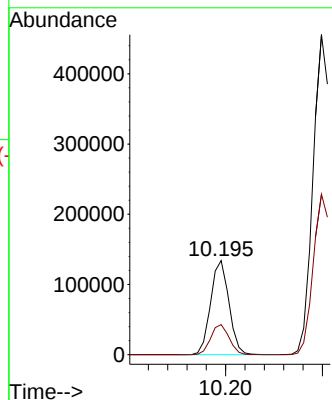
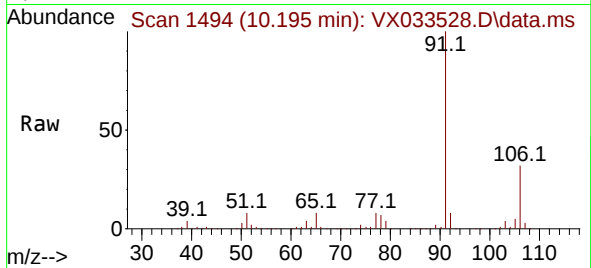




#67
Ethyl Benzene
Concen: 23.581 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033528.D
Acq: 21 Dec 2022 12:25

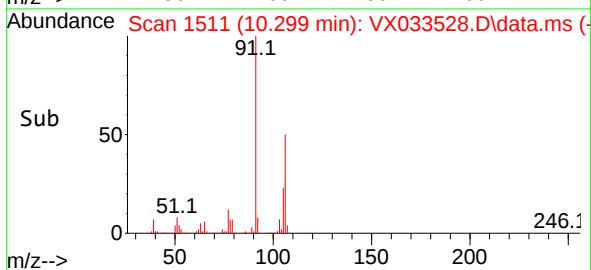
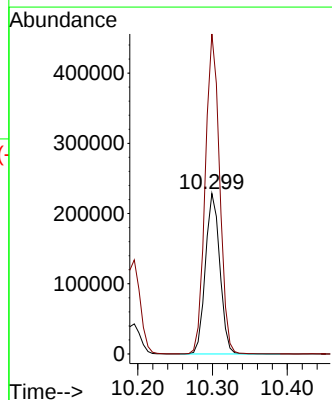
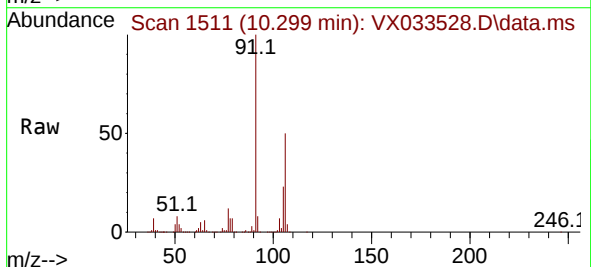
Instrument :
MSVOA_X
ClientSampleId :
PARS-1

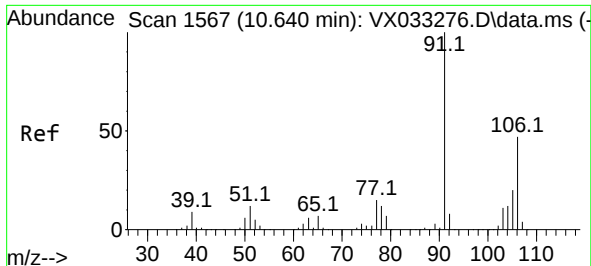
Tgt Ion: 91 Resp: 176696
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.6



#68
m/p-Xylenes
Concen: 104.987 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033528.D
Acq: 21 Dec 2022 12:25

Tgt Ion:106 Resp: 306079
Ion Ratio Lower Upper
106 100
91 198.8 164.5 246.7

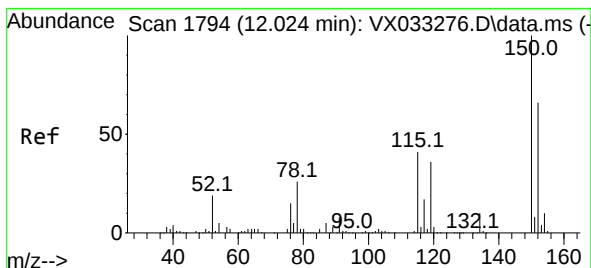
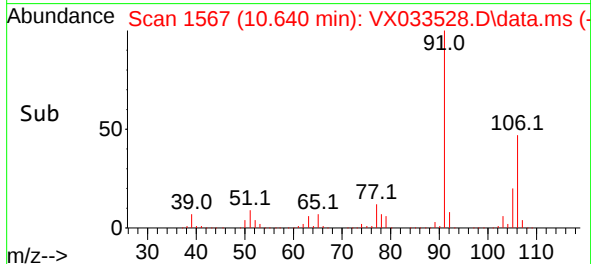
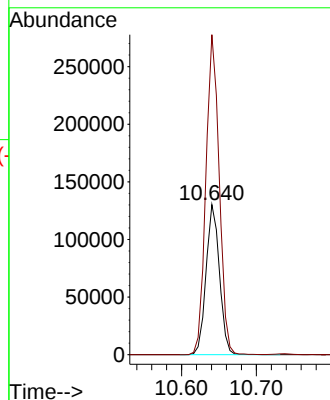
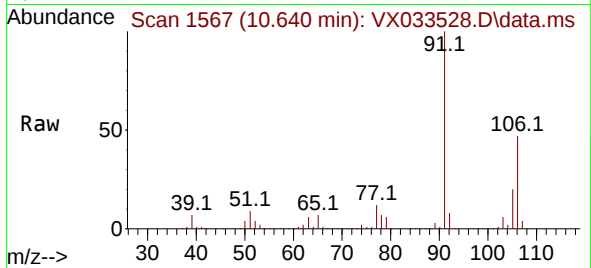




#69
o-Xylene
Concen: 56.068 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033528.D
Acq: 21 Dec 2022 12:25

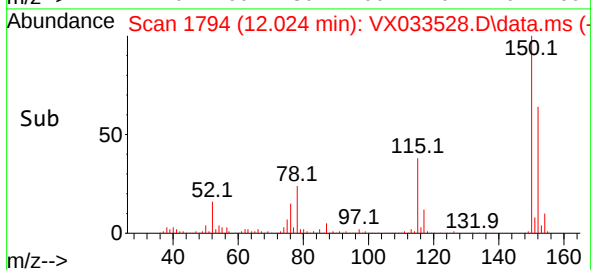
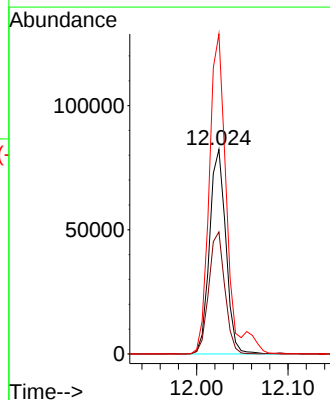
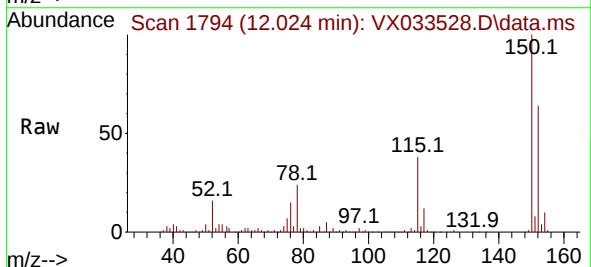
Instrument :
MSVOA_X
ClientSampleId :
PARS-1

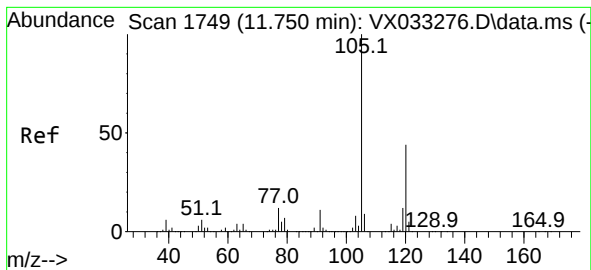
Tgt Ion:106 Resp: 161571
Ion Ratio Lower Upper
106 100
91 213.2 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033528.D
Acq: 21 Dec 2022 12:25

Tgt Ion:152 Resp: 101849
Ion Ratio Lower Upper
152 100
115 58.8 44.0 132.0
150 165.8 0.0 351.8





#84

1,2,4-Trimethylbenzene

Concen: 3.228 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033528.D

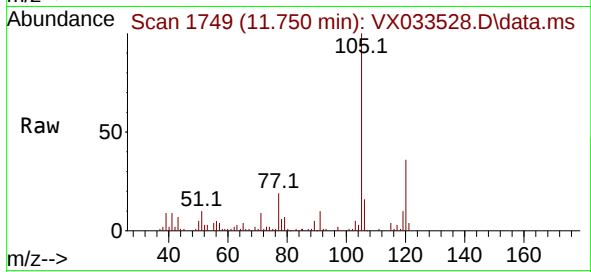
Acq: 21 Dec 2022 12:25

Instrument :

MSVOA_X

ClientSampleId :

PARS-1



Tgt Ion:105 Resp: 19802

Ion Ratio Lower Upper

105 100

120 36.6 21.9 65.5

