

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033516.D
 Acq On : 20 Dec 2022 18:21
 Operator : JC/MD
 Sample : N6149-09 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PARS-1

Quant Time: Dec 21 04:16:38 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)

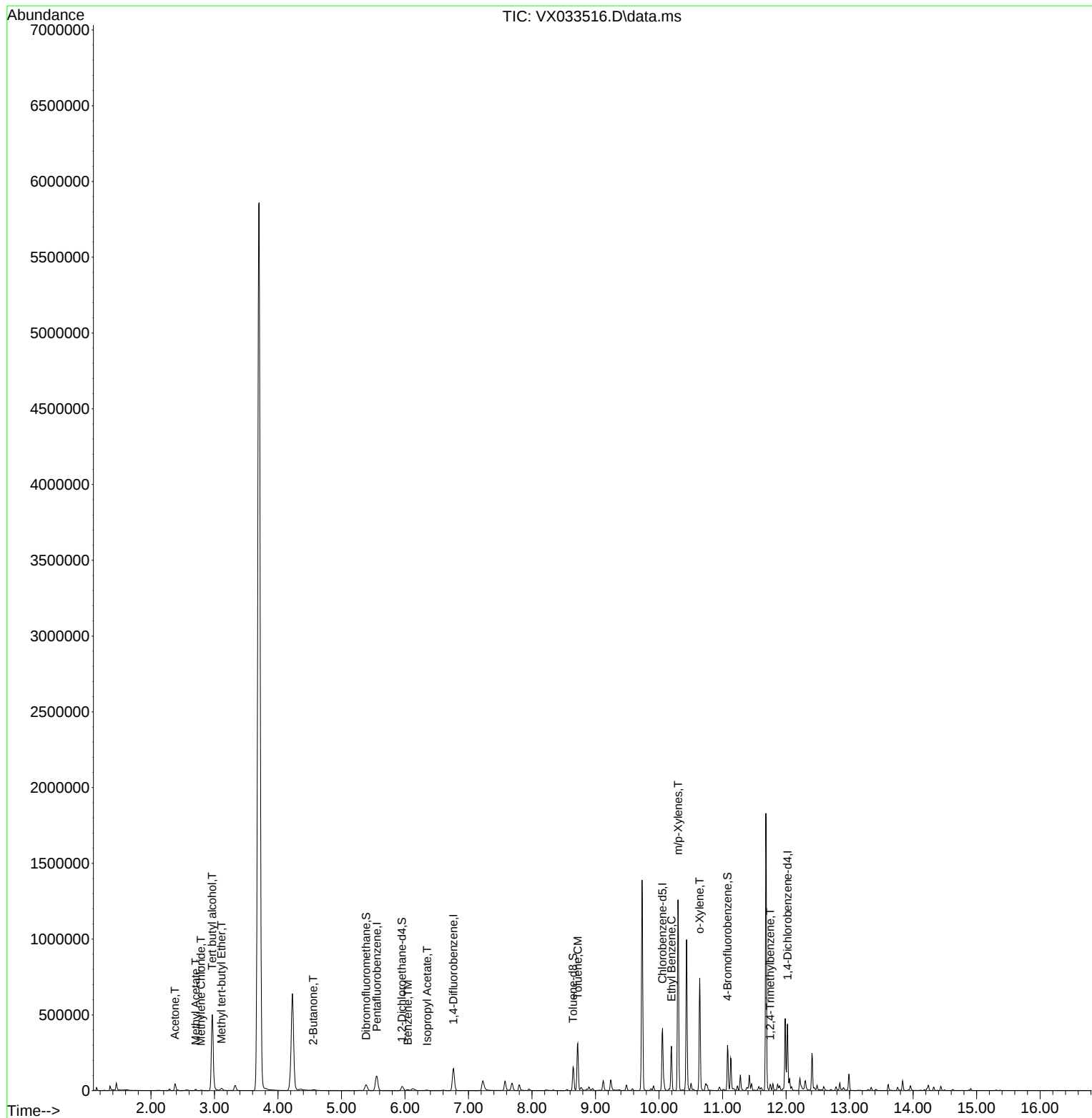
Internal Standards						
1) Pentafluorobenzene	5.556	168	96383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	153306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	27410	44.329	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.660%
35) Dibromofluoromethane	5.385	113	33803	49.023	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	8.647	98	96924	67.193	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	134.380%#
62) 4-Bromofluorobenzene	11.079	95	78022	70.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	141.480%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	61379	324.682	ug/l #	76
16) Acetone	2.380	43	47962	104.824	ug/l	100
18) Methyl Acetate	2.703	43	10455	7.893	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	14624	4.832	ug/l	96
20) Methylene Chloride	2.788	84	1690	1.656	ug/l	92
25) 2-Butanone	4.556	43	6489	9.880	ug/l #	86
40) Benzene	6.044	78	7987	2.038	ug/l #	90
43) Isopropyl Acetate	6.348	43	3910	1.912	ug/l #	92
52) Toluene	8.720	92	122266	48.244	ug/l	100
67) Ethyl Benzene	10.195	91	168396	24.271	ug/l	98
68) m/p-Xylenes	10.299	106	295921	109.626	ug/l	96
69) o-Xylene	10.640	106	160843	60.282	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	17528	3.059	ug/l	98

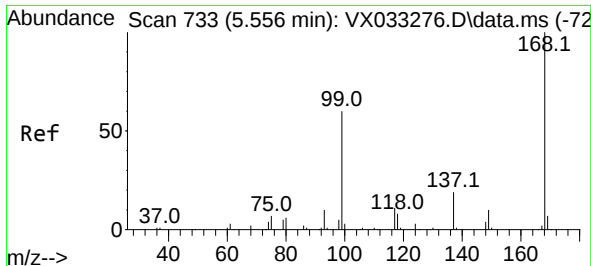
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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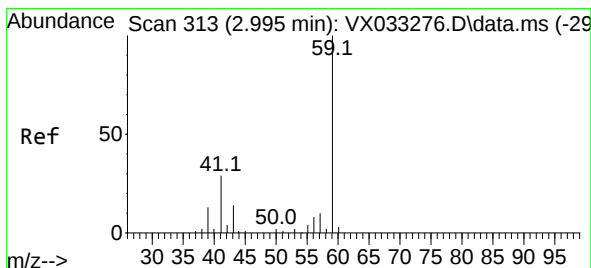
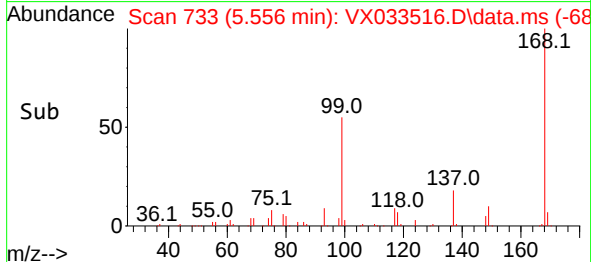
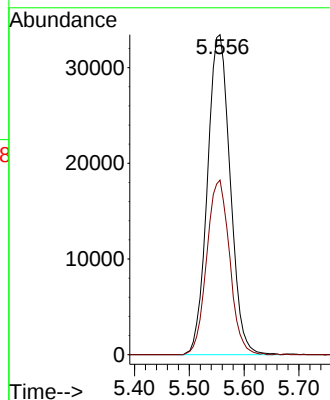
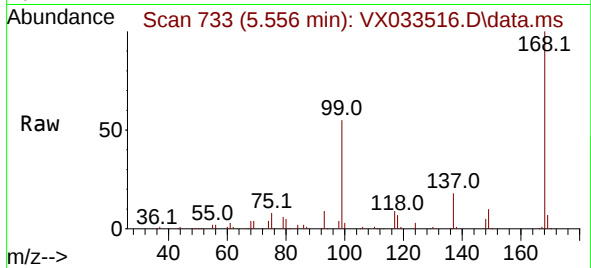




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

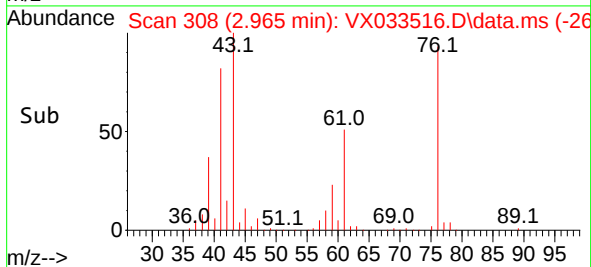
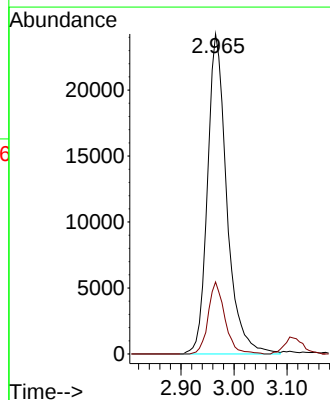
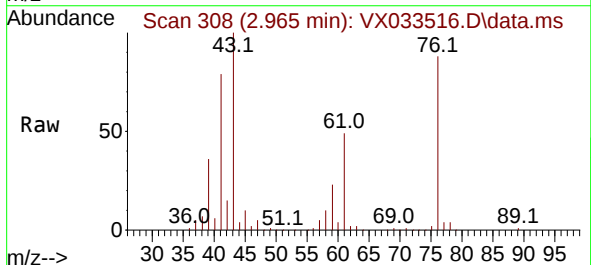
Instrument :
MSVOA_X
ClientSampleId :
PARS-1

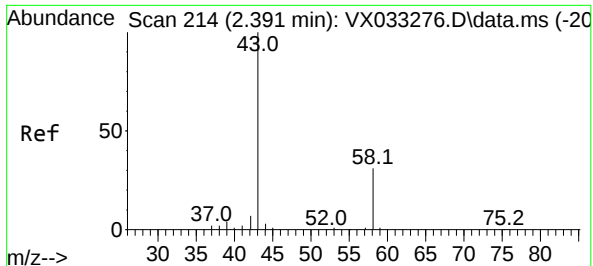
Tgt Ion:168 Resp: 96383
Ion Ratio Lower Upper
168 100
99 54.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 324.682 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.030 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

Tgt Ion: 59 Resp: 61379
Ion Ratio Lower Upper
59 100
57 19.4 8.2 12.4#

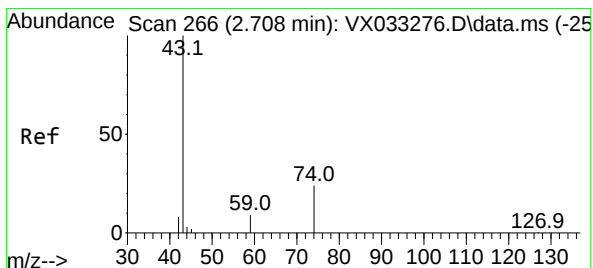
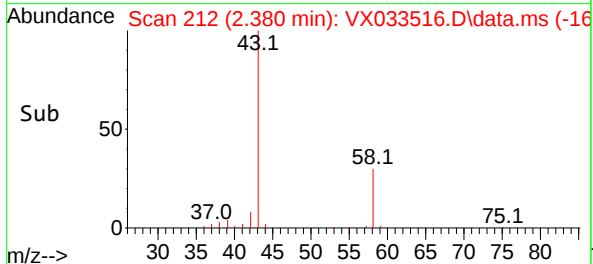
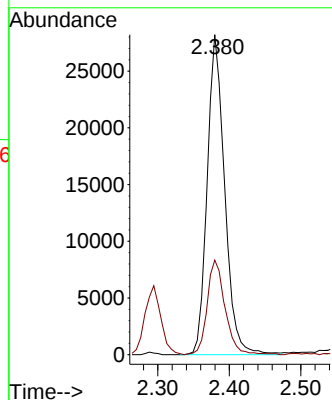
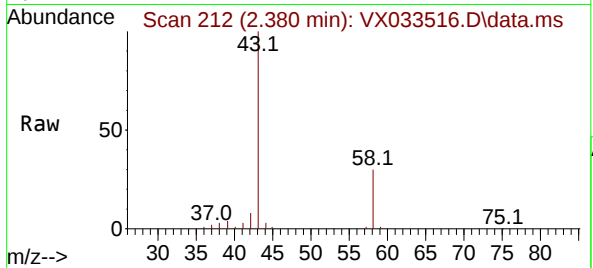




#16
Acetone
Concen: 104.824 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

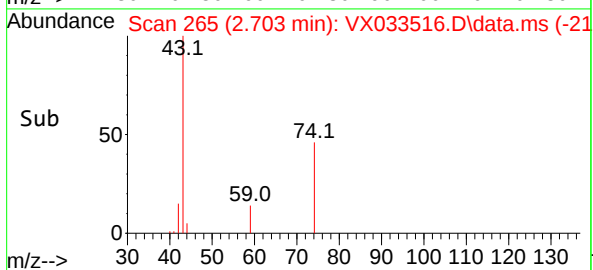
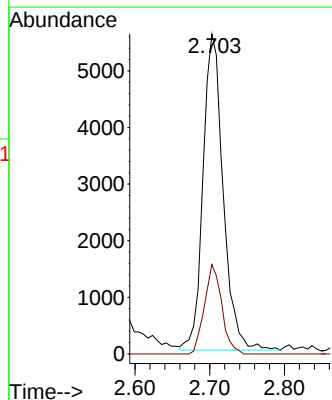
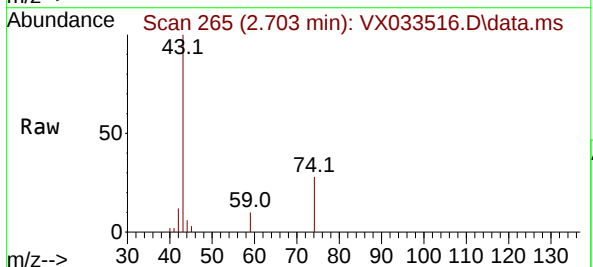
Instrument :
MSVOA_X
ClientSampleId :
PARS-1

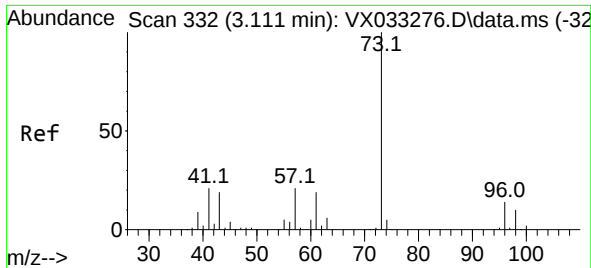
Tgt Ion: 43 Resp: 47962
Ion Ratio Lower Upper
43 100
58 29.6 23.8 35.8



#18
Methyl Acetate
Concen: 7.893 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

Tgt Ion: 43 Resp: 10455
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.0

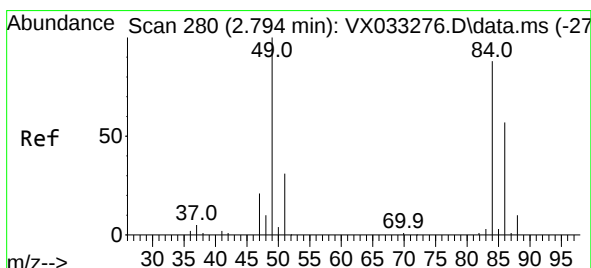
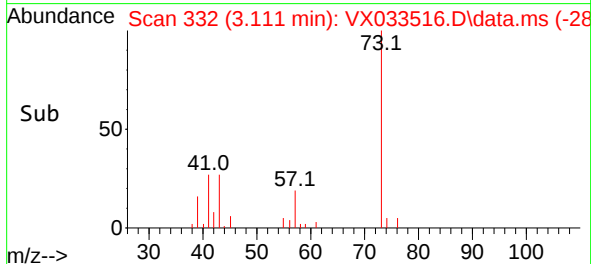
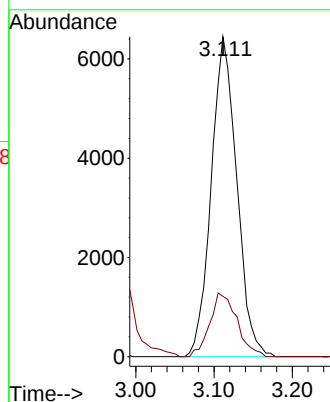
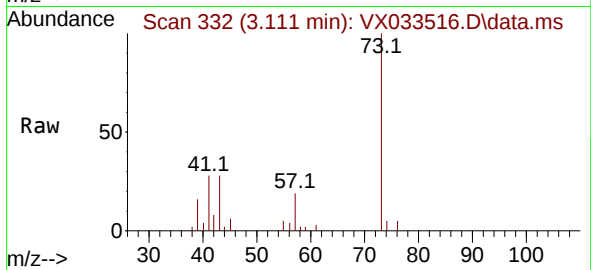




#19
Methyl tert-butyl Ether
Concen: 4.832 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

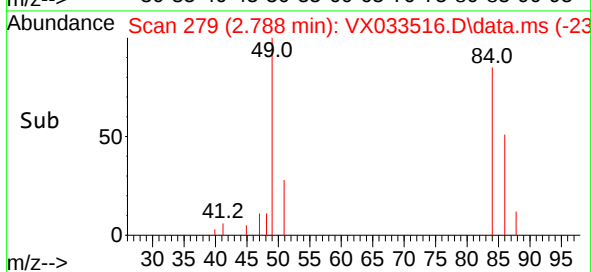
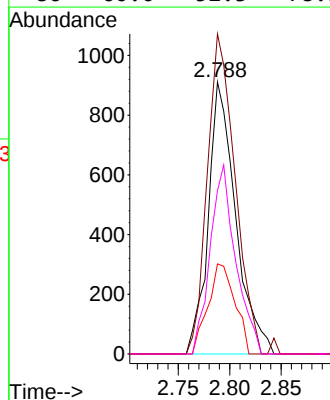
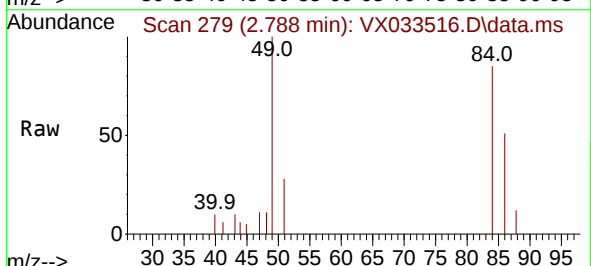
Instrument :
MSVOA_X
ClientSampleId :
PARS-1

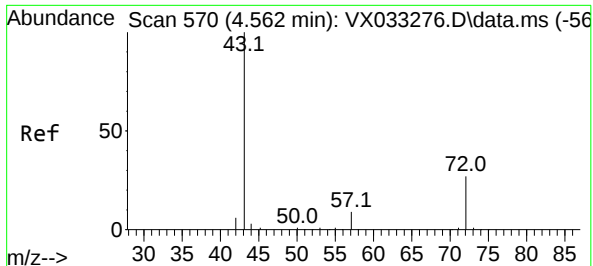
Tgt Ion: 73 Resp: 14624
Ion Ratio Lower Upper
73 100
57 18.9 16.6 25.0



#20
Methylene Chloride
Concen: 1.656 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

Tgt Ion: 84 Resp: 1690
Ion Ratio Lower Upper
84 100
49 117.7 101.0 151.6
51 33.2 31.1 46.7
86 60.0 52.3 78.5





#25

2-Butanone

Concen: 9.880 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX033516.D

Acq: 20 Dec 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

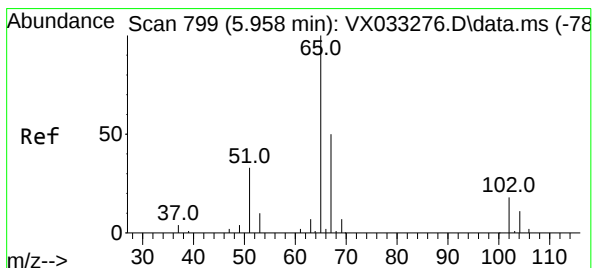
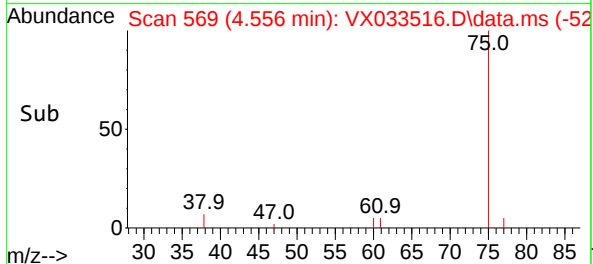
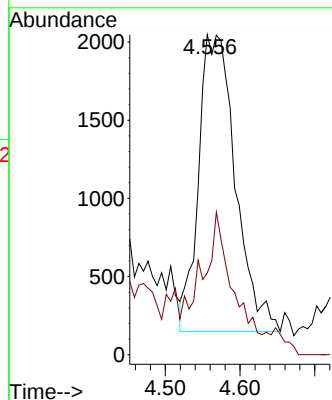
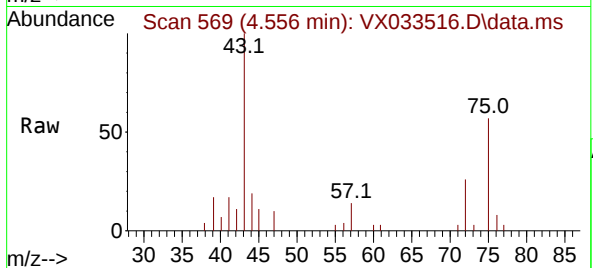
PARS-1

Tgt Ion: 43 Resp: 6489

Ion Ratio Lower Upper

43 100

72 20.6 22.2 33.2#



#33

1,2-Dichloroethane-d4

Concen: 44.329 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX033516.D

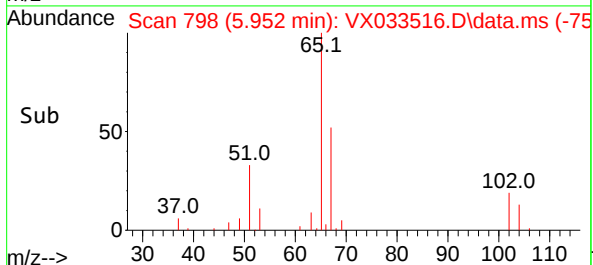
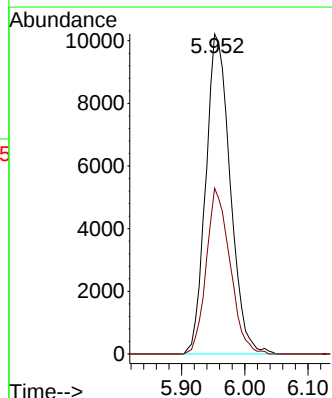
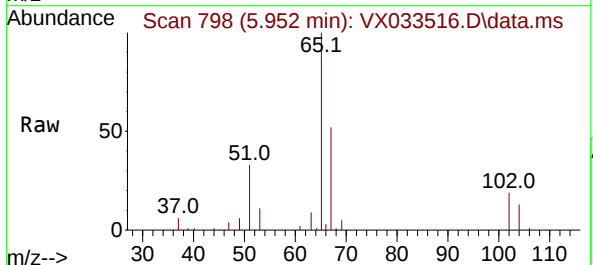
Acq: 20 Dec 2022 18:21

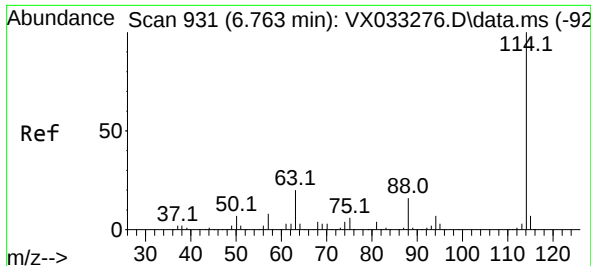
Tgt Ion: 65 Resp: 27410

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8

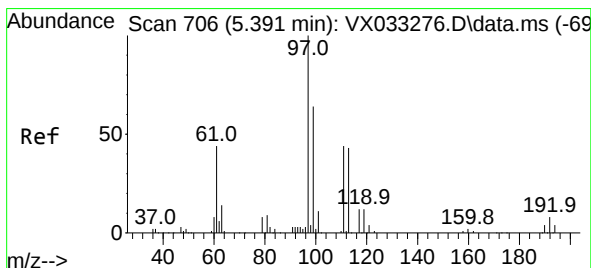
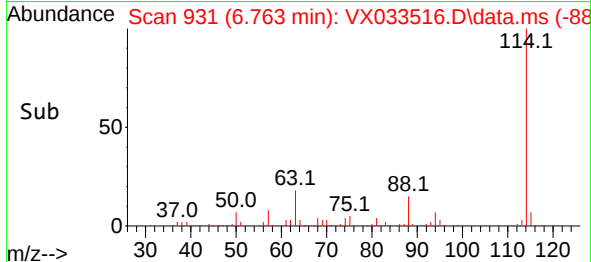
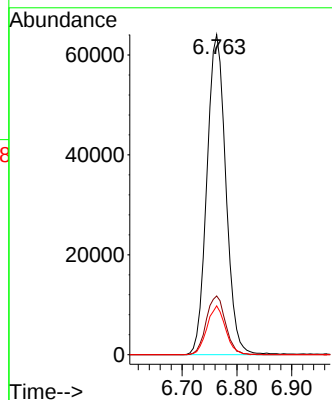
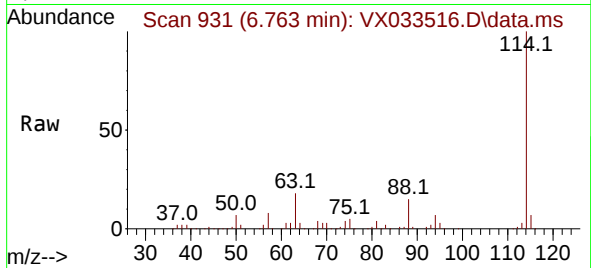




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

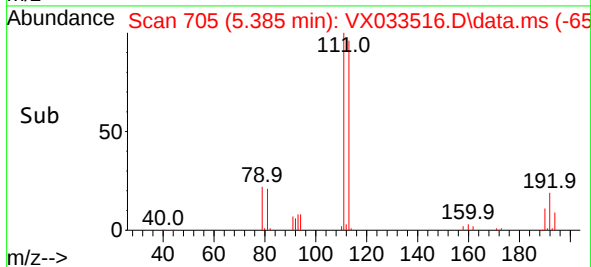
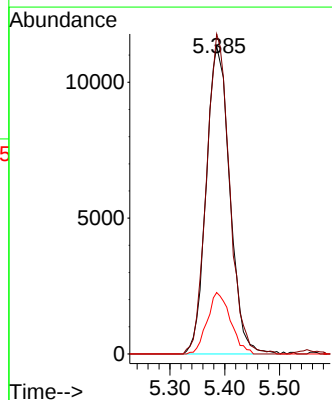
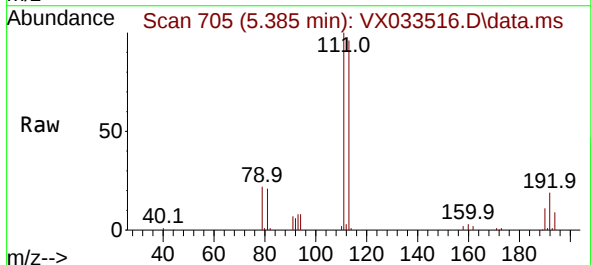
Instrument :
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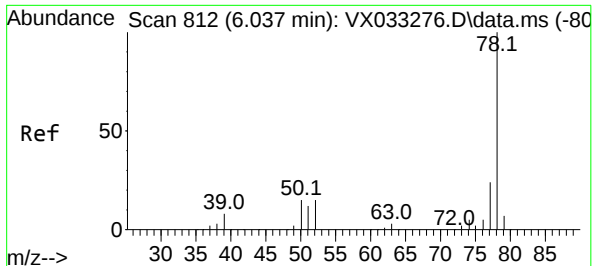
Tgt Ion:114 Resp: 153306
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.023 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

Tgt Ion:113 Resp: 33803
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 19.7 15.4 23.2

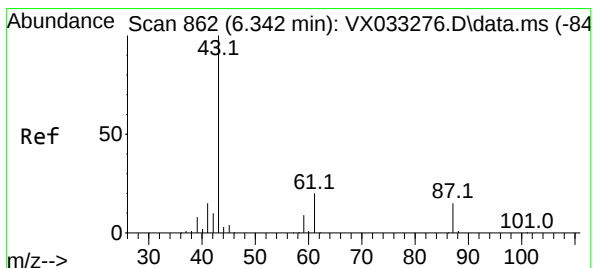
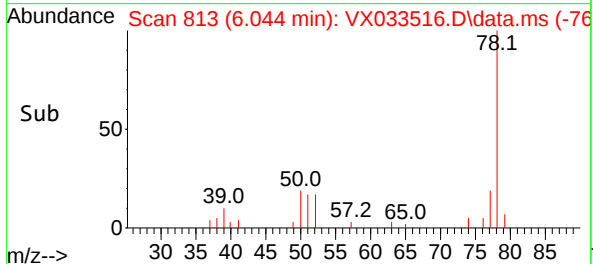
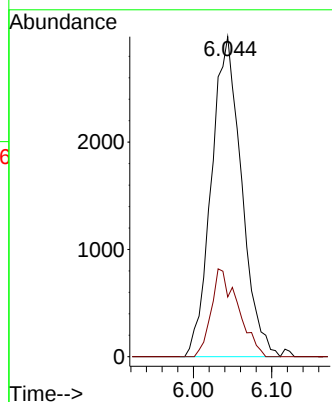
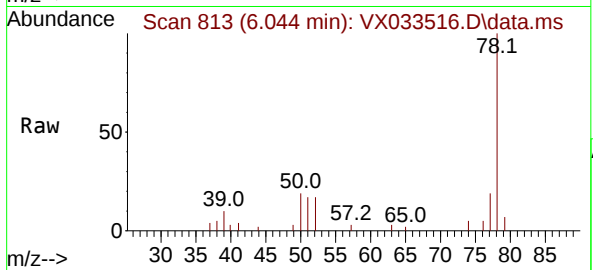




#40
Benzene
Concen: 2.038 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

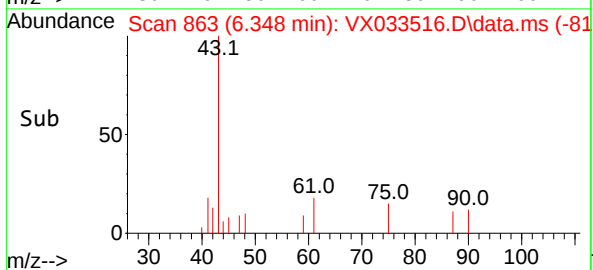
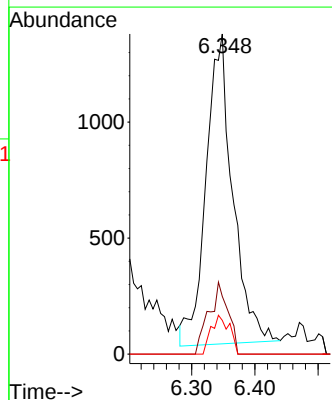
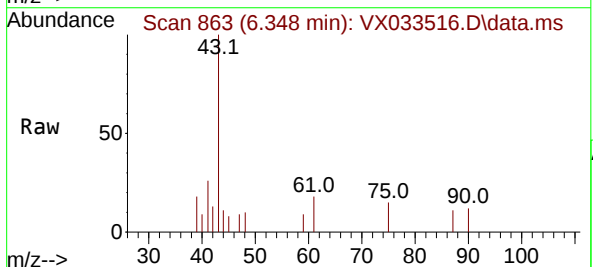
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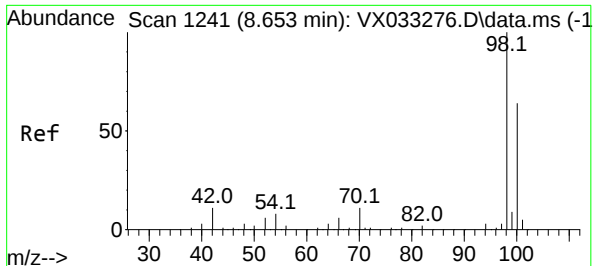
Tgt Ion: 78 Resp: 7987
Ion Ratio Lower Upper
78 100
77 18.6 19.0 28.4#



#43
Isopropyl Acetate
Concen: 1.912 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

Tgt Ion: 43 Resp: 3910
Ion Ratio Lower Upper
43 100
61 16.8 15.4 23.0
87 8.5 10.8 16.2#

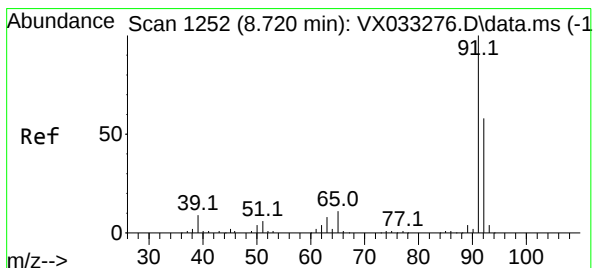
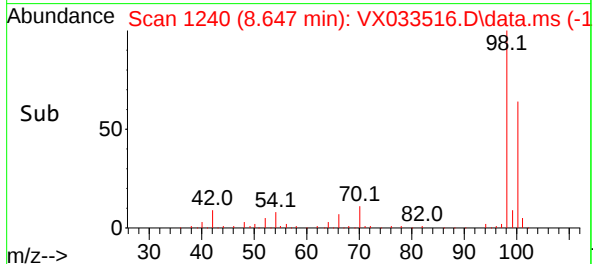
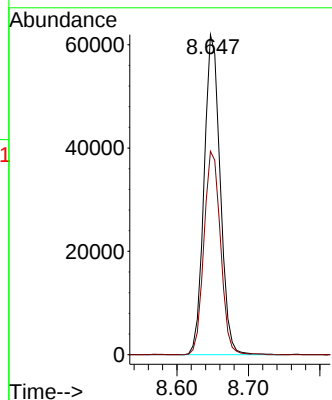
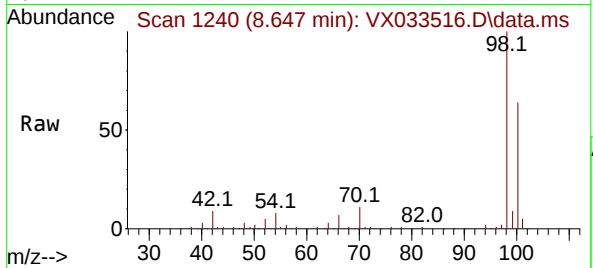




#50
Toluene-d8
Concen: 67.193 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

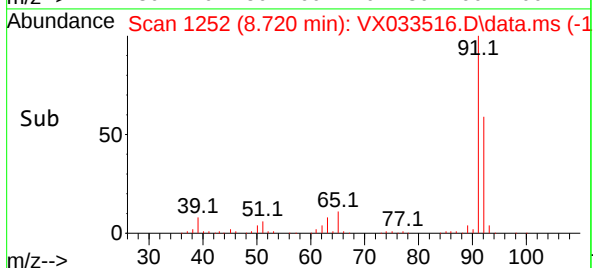
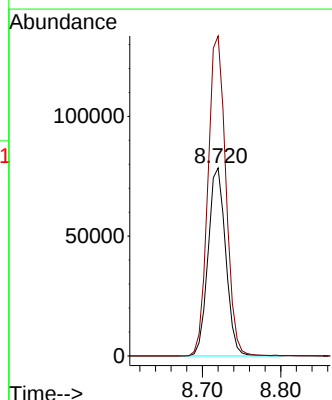
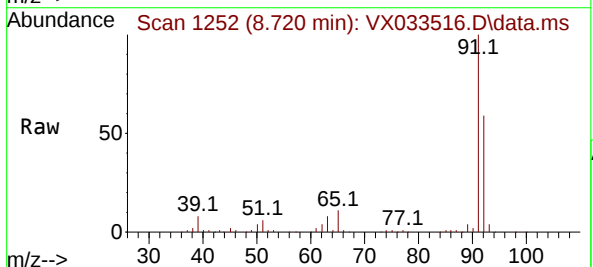
Instrument :
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ClientSampleId :
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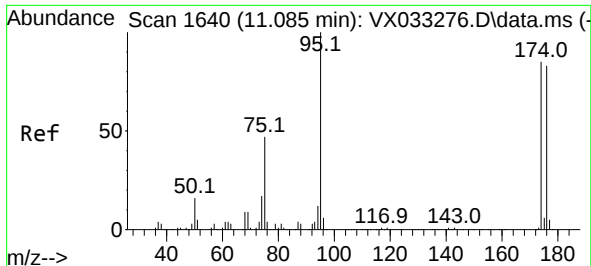
Tgt Ion: 98 Resp: 96924
Ion Ratio Lower Upper
98 100
100 65.3 50.9 76.3



#52
Toluene
Concen: 48.244 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

Tgt Ion: 92 Resp: 122266
Ion Ratio Lower Upper
92 100
91 172.8 138.3 207.5

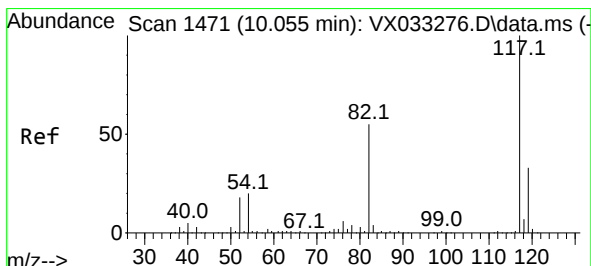
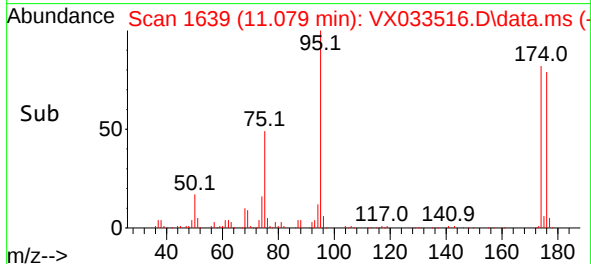
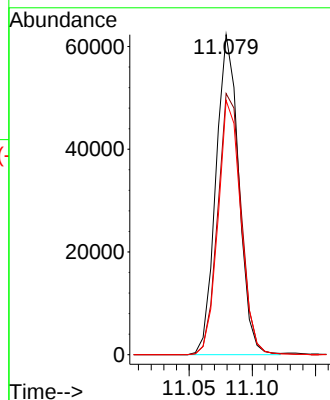
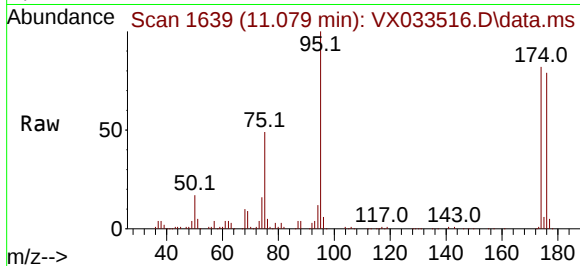




#62
4-Bromofluorobenzene
Concen: 70.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

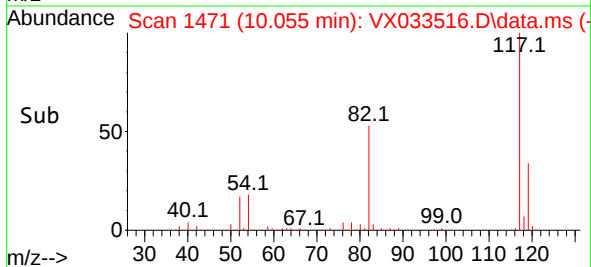
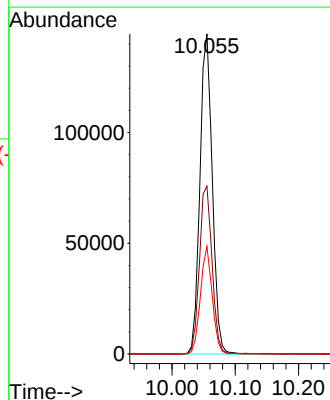
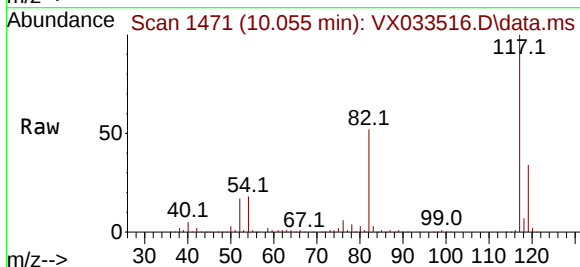
Instrument :
MSVOA_X
ClientSampleId :
PARS-1

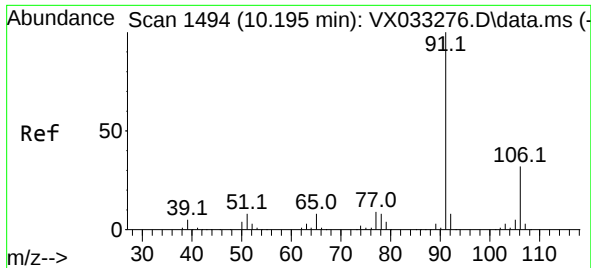
Tgt Ion: 95 Resp: 78022
Ion Ratio Lower Upper
95 100
174 84.2 0.0 164.0
176 79.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

Tgt Ion: 117 Resp: 196663
Ion Ratio Lower Upper
117 100
82 52.4 44.3 66.5
119 33.6 25.7 38.5

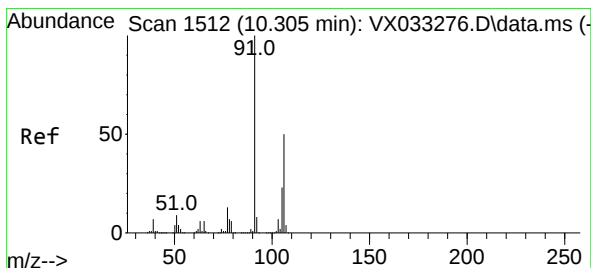
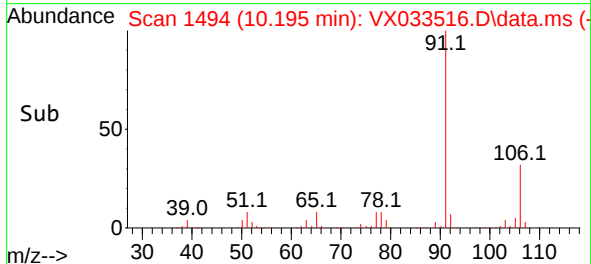
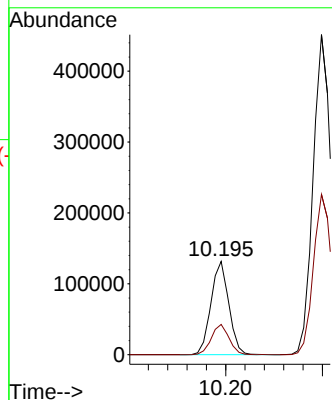
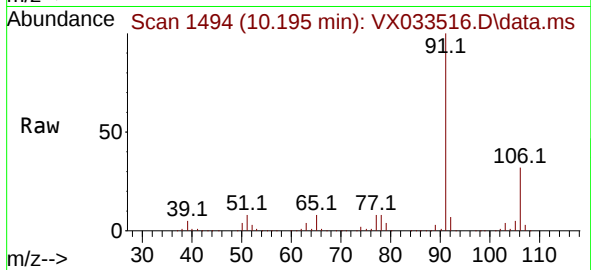




#67
Ethyl Benzene
Concen: 24.271 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

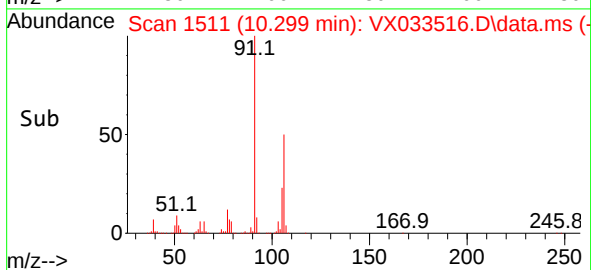
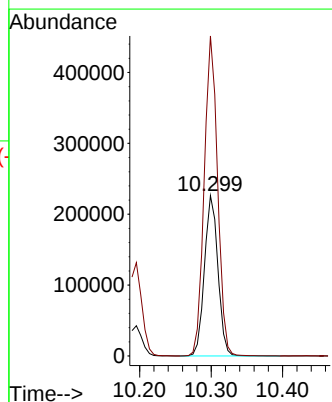
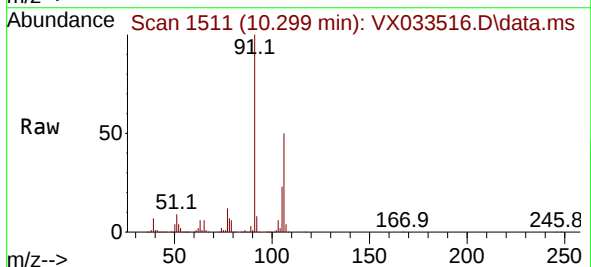
Instrument :
MSVOA_X
ClientSampleId :
PARS-1

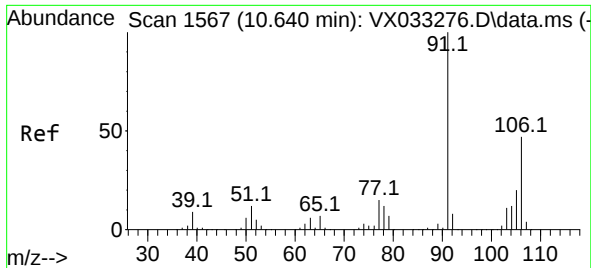
Tgt Ion: 91 Resp: 168396
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.6



#68
m/p-Xylenes
Concen: 109.626 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

Tgt Ion:106 Resp: 295921
Ion Ratio Lower Upper
106 100
91 198.8 164.5 246.7

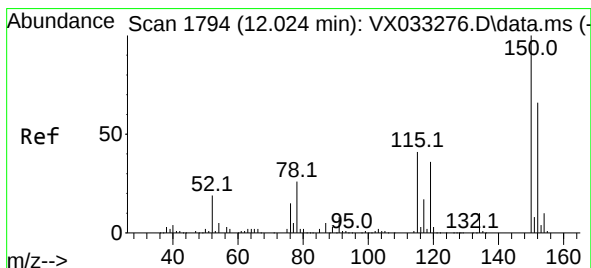
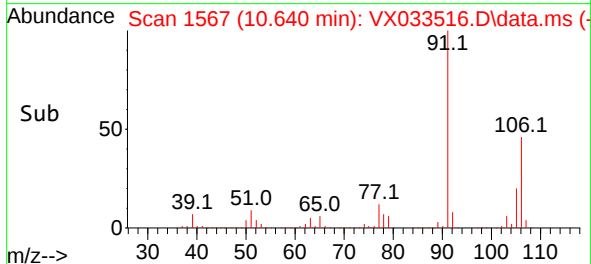
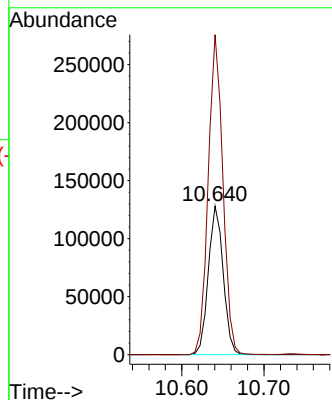
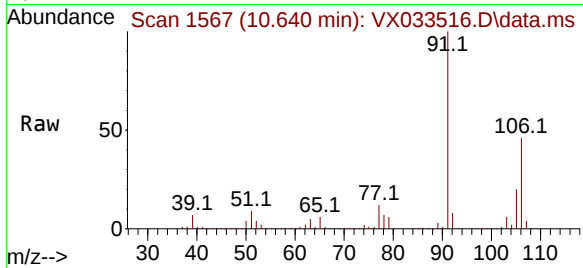




#69
o-Xylene
Concen: 60.282 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

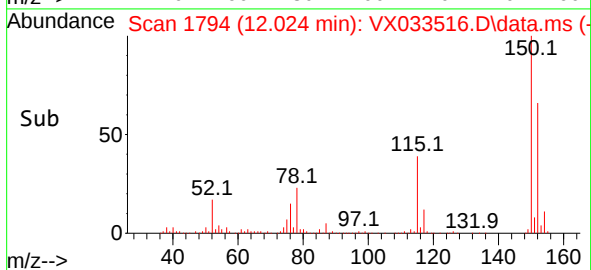
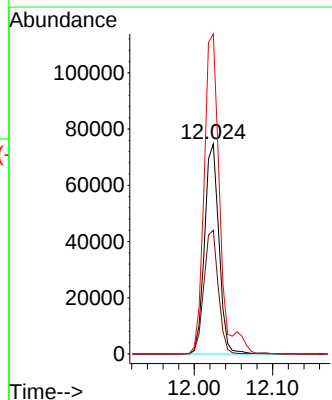
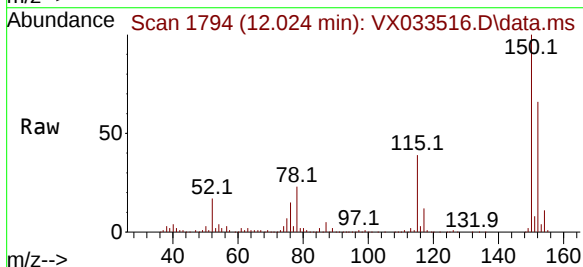
Instrument :
MSVOA_X
ClientSampleId :
PARS-1

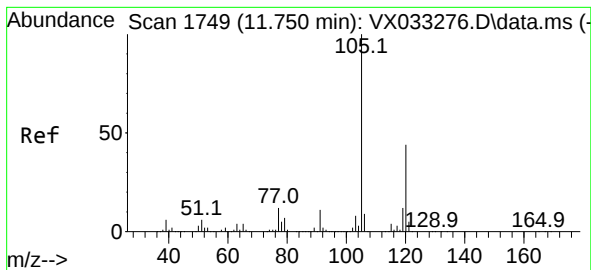
Tgt Ion:106 Resp: 160843
Ion Ratio Lower Upper
106 100
91 212.4 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033516.D
Acq: 20 Dec 2022 18:21

Tgt Ion:152 Resp: 95134
Ion Ratio Lower Upper
152 100
115 59.1 44.0 132.0
150 165.1 0.0 351.8





#84

1,2,4-Trimethylbenzene

Concen: 3.059 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033516.D

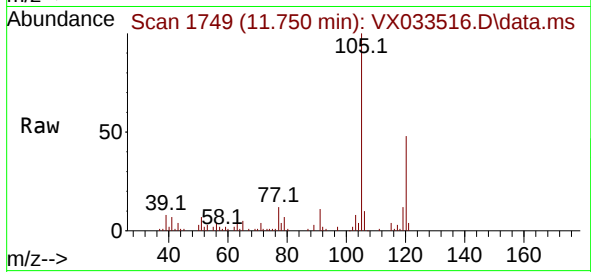
Acq: 20 Dec 2022 18:21

Instrument :

MSVOA_X

ClientSampleId :

PARS-1



Tgt Ion:105 Resp: 17528

Ion Ratio Lower Upper

105 100

120 45.1 21.9 65.5

