

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
 Data File : VX024283.D
 Acq On : 16 Sep 2021 13:13
 Operator : JC/MD
 Sample : M3733-08ME
 Misc : 6.31g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NAPL-AREA-02-(25-27)ME

Quant Time: Sep 17 04:39:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

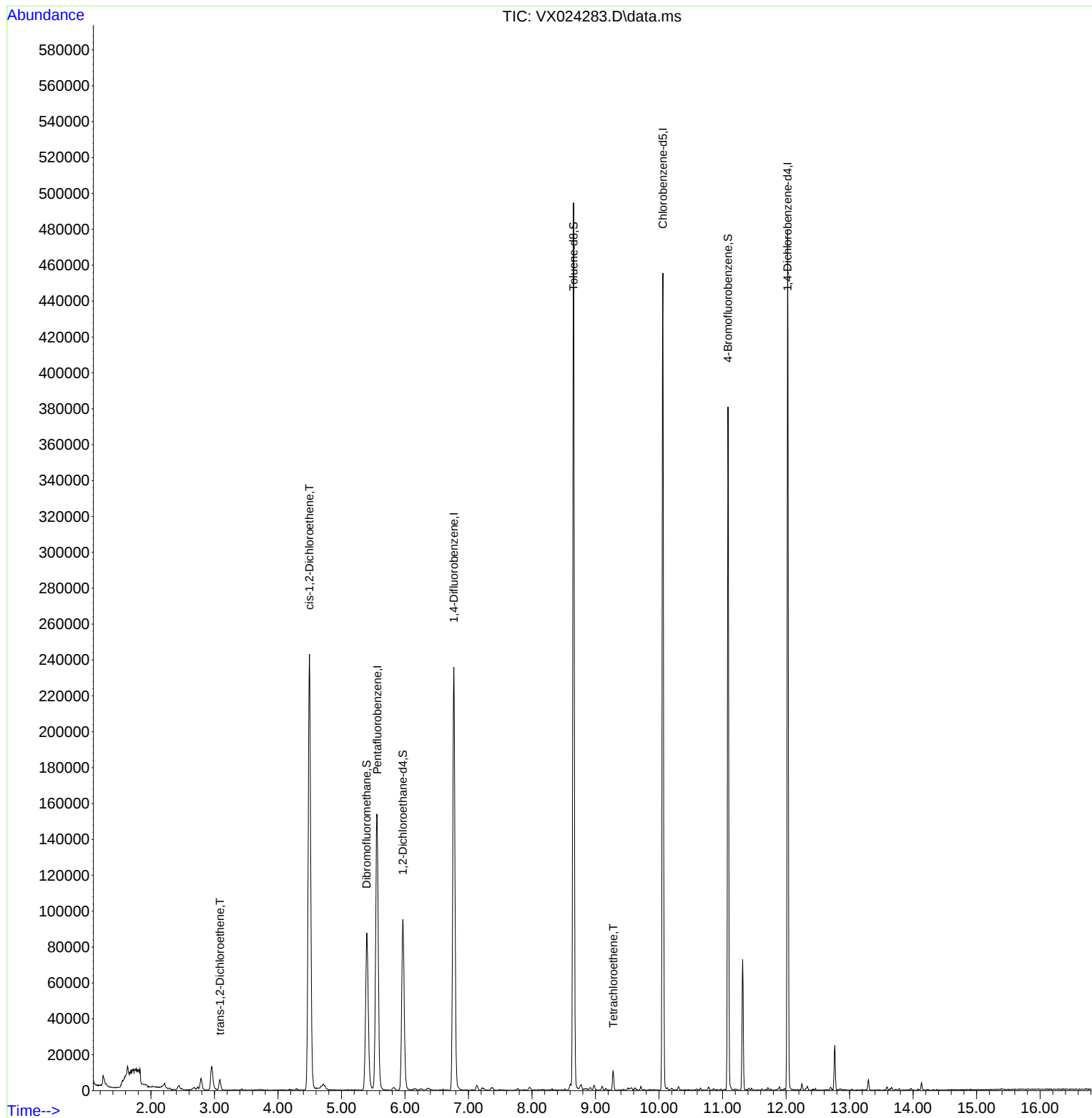
Internal Standards						
1) Pentafluorobenzene	5.562	168	144862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	208812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99469	48.15	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.30%
35) Dibromofluoromethane	5.397	113	75890	47.17	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.34%
50) Toluene-d8	8.652	98	288653	49.25	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.50%
62) 4-Bromofluorobenzene	11.085	95	97192	42.61	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.22%
Target Compounds						
21) trans-1,2-Dichloroethene	3.086	96	2015	1.38	ug/l	83
27) cis-1,2-Dichloroethene	4.495	96	153706	91.02	ug/l	93
64) Tetrachloroethene	9.280	164	1987	1.23	ug/l #	86

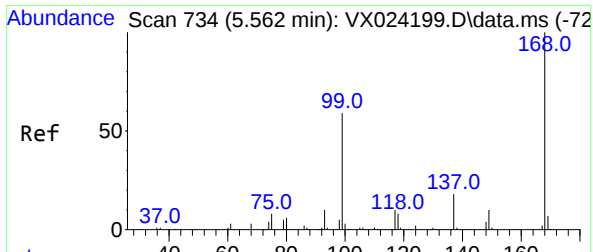
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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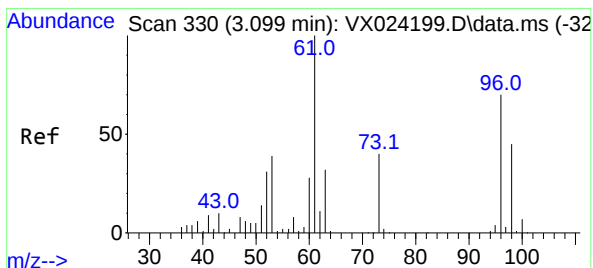
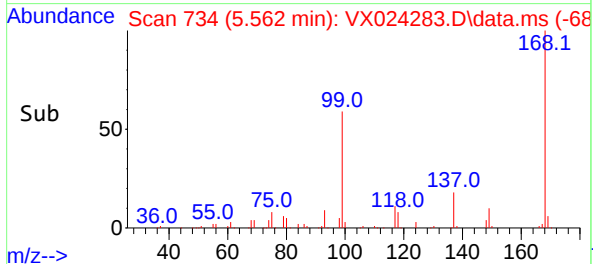
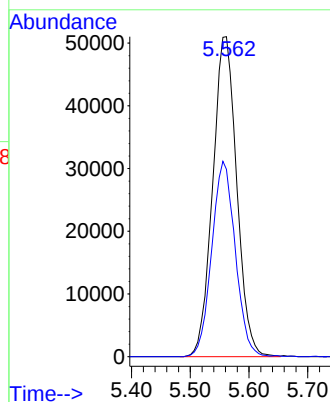
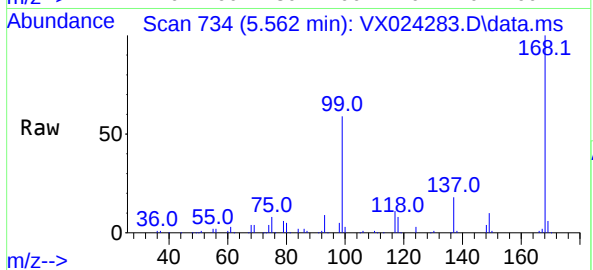




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024283.D
Acq: 16 Sep 2021 13:13

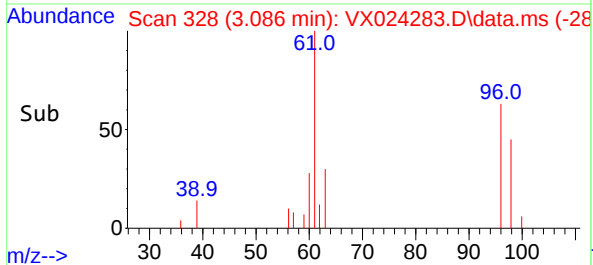
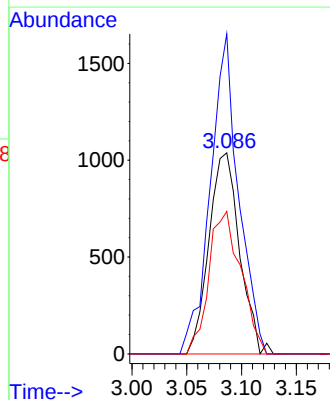
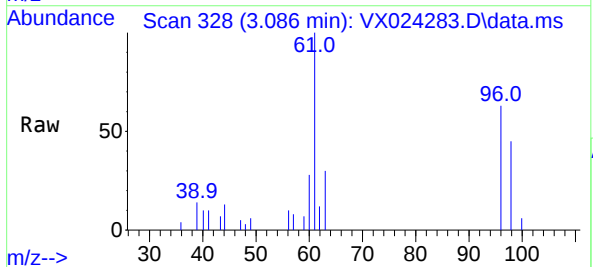
Instrument :
MSVOA_X
ClientSampleId :
NAPL-AREA-02-(25-27)ME

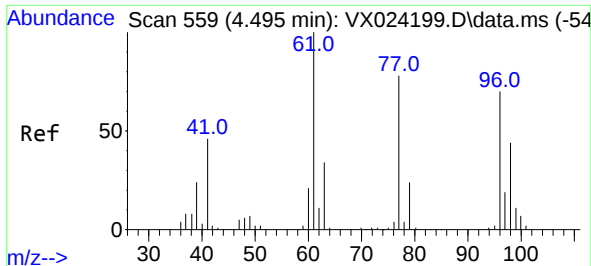
Tgt Ion:168 Resp: 144862
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#21
trans-1,2-Dichloroethene
Concen: 1.38 ug/l
RT: 3.086 min Scan# 328
Delta R.T. -0.013 min
Lab File: VX024283.D
Acq: 16 Sep 2021 13:13

Tgt Ion: 96 Resp: 2015
Ion Ratio Lower Upper
96 100
61 159.2 107.7 161.5
98 70.9 50.4 75.6

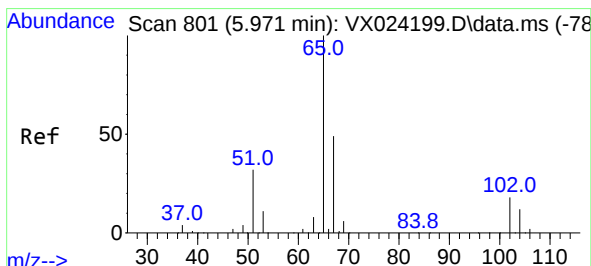
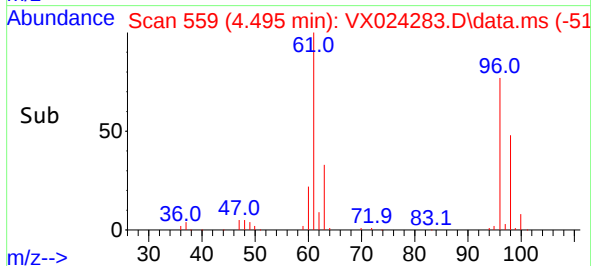
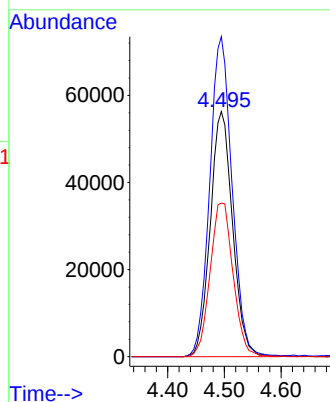
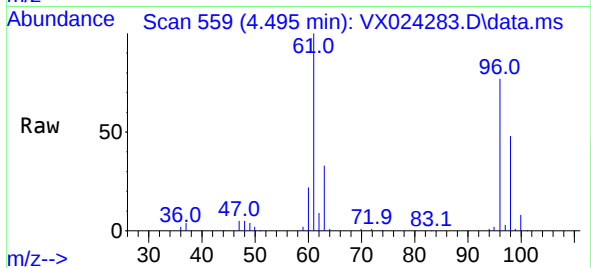




#27
cis-1,2-Dichloroethene
Concen: 91.02 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX024283.D
Acq: 16 Sep 2021 13:13

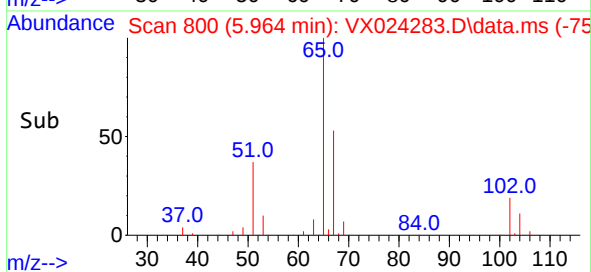
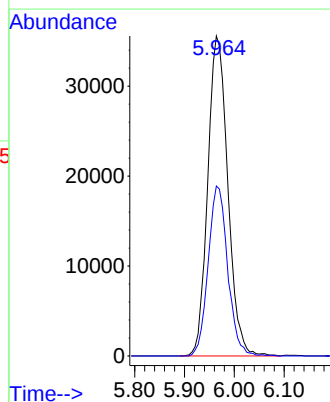
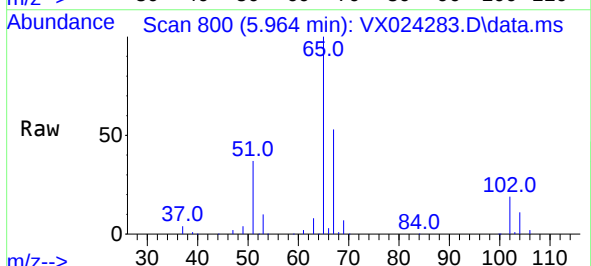
Instrument :
MSVOA_X
ClientSampleId :
NAPL-AREA-02-(25-27)ME

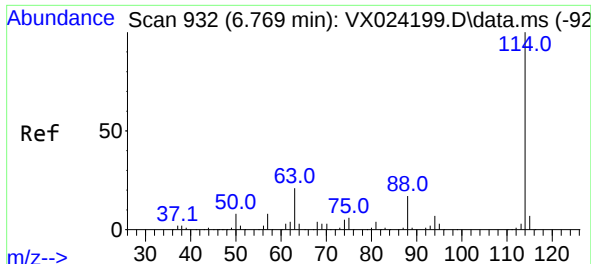
Tgt Ion: 96 Resp: 153706
Ion Ratio Lower Upper
96 100
61 130.8 0.0 285.6
98 64.7 0.0 129.6



#33
1,2-Dichloroethane-d4
Concen: 48.15 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024283.D
Acq: 16 Sep 2021 13:13

Tgt Ion: 65 Resp: 99469
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4



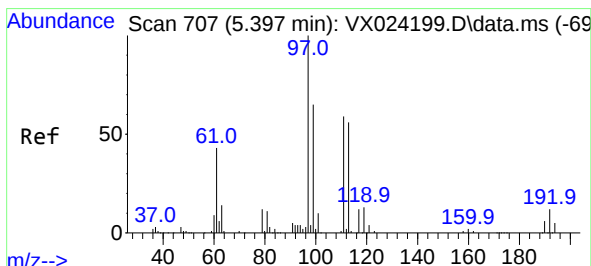
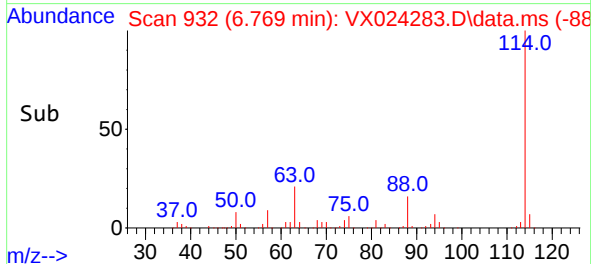
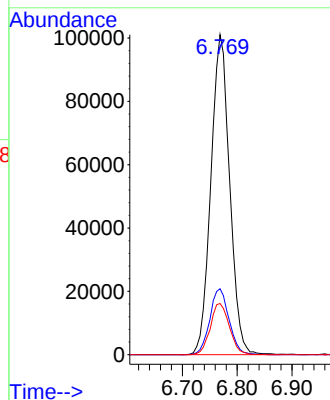
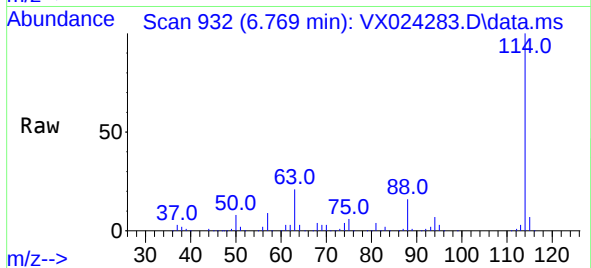


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024283.D
Acq: 16 Sep 2021 13:13

Instrument :
MSVOA_X
ClientSampleId :
NAPL-AREA-02-(25-27)ME

Tgt Ion:114 Resp: 239896

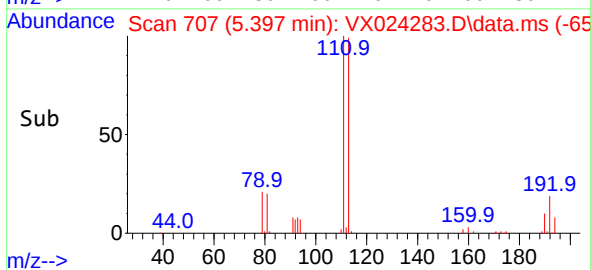
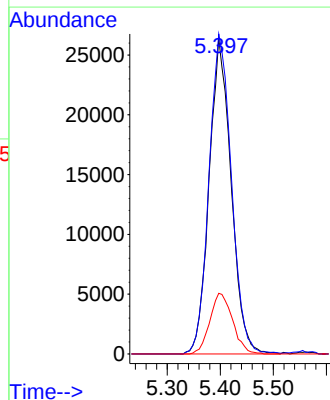
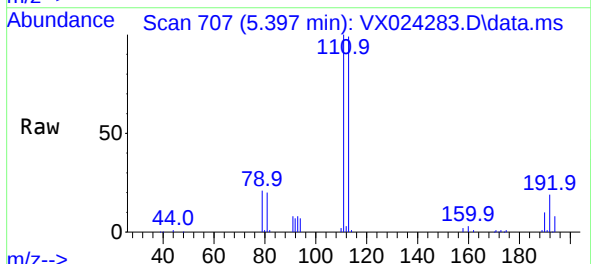
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	16.0	0.0	32.8

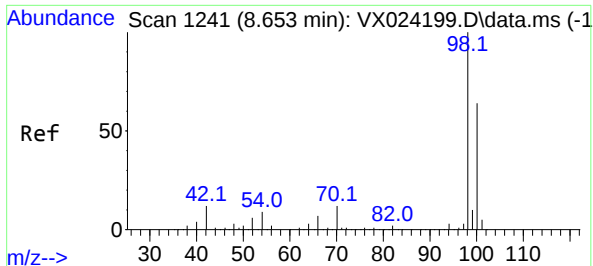


#35
Dibromofluoromethane
Concen: 47.17 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX024283.D
Acq: 16 Sep 2021 13:13

Tgt Ion:113 Resp: 75890

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	19.9	16.7	25.1

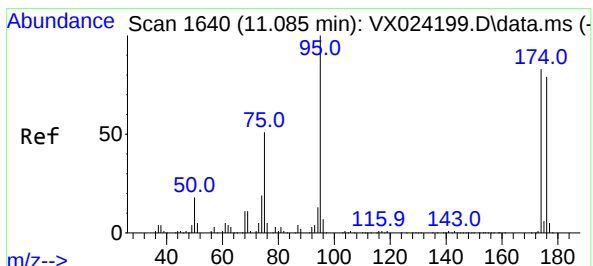
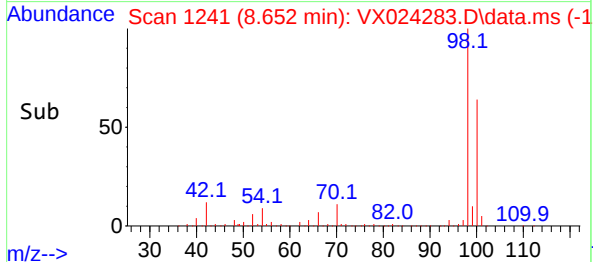
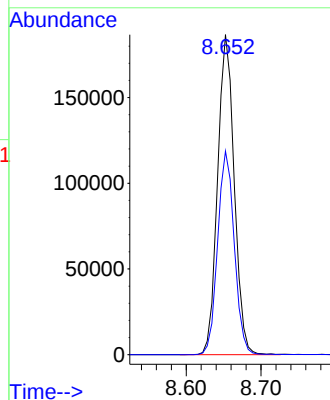
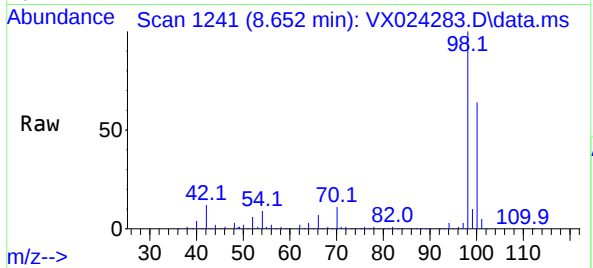




#50
Toluene-d8
Concen: 49.25 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX024283.D
Acq: 16 Sep 2021 13:13

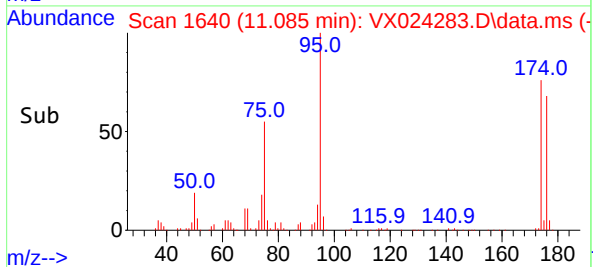
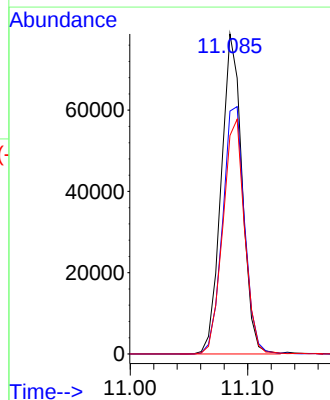
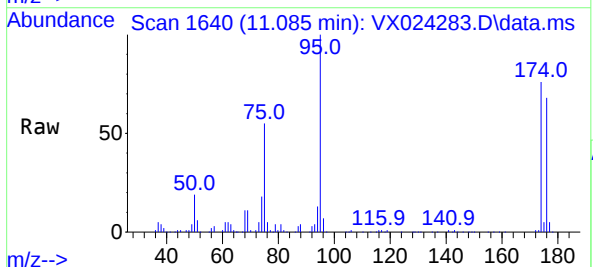
Instrument :
MSVOA_X
ClientSampleId :
NAPL-AREA-02-(25-27)ME

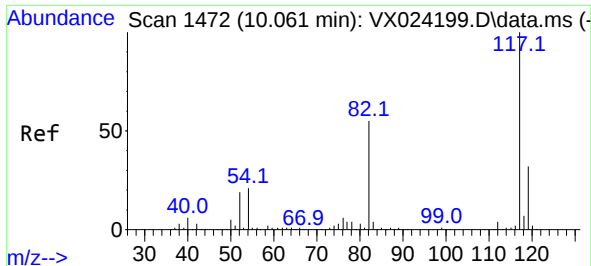
Tgt Ion: 98 Resp: 288653
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.61 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024283.D
Acq: 16 Sep 2021 13:13

Tgt Ion: 95 Resp: 97192
Ion Ratio Lower Upper
95 100
174 81.5 0.0 154.6
176 76.4 0.0 155.8

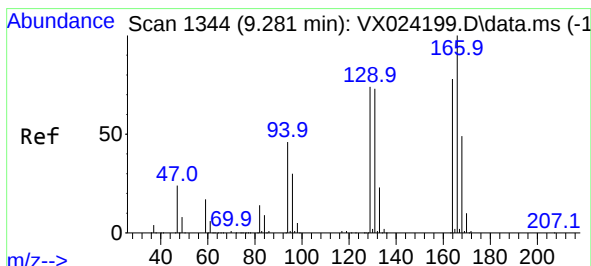
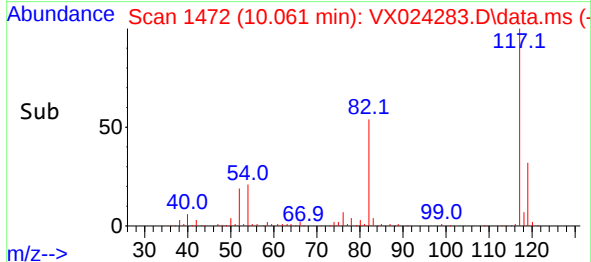
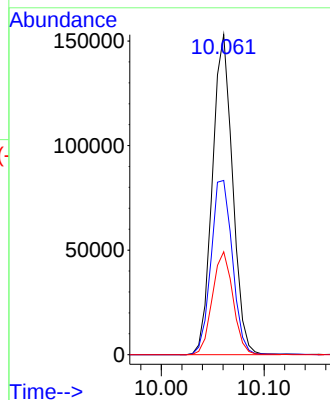
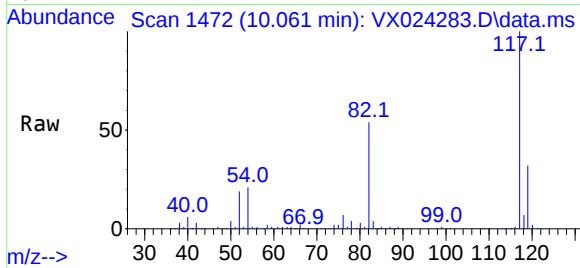




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX024283.D
Acq: 16 Sep 2021 13:13

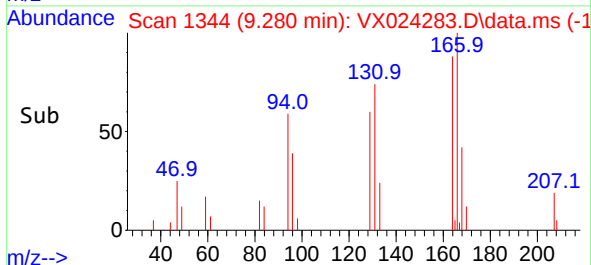
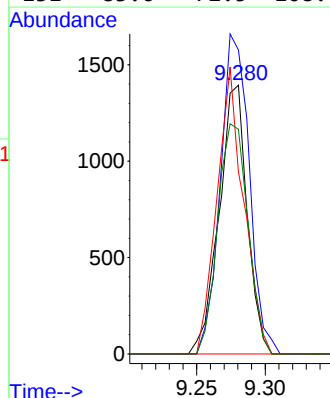
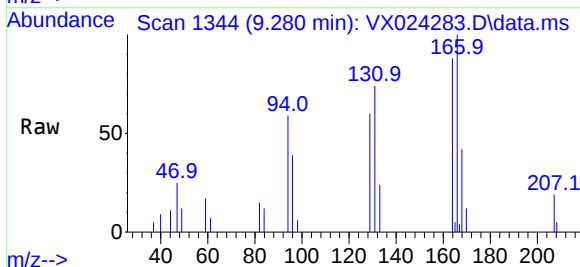
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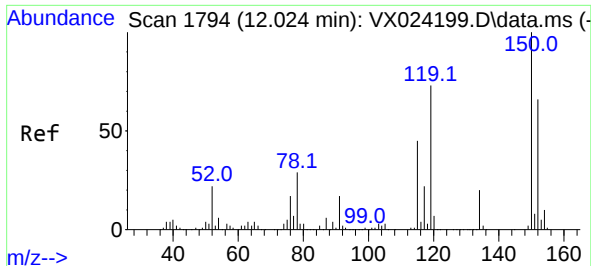
Tgt Ion:117 Resp: 208812
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 1.23 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. -0.001 min
Lab File: VX024283.D
Acq: 16 Sep 2021 13:13

Tgt Ion:164 Resp: 1987
Ion Ratio Lower Upper
164 100
166 113.1 103.4 155.2
129 67.7 70.8 106.2#
131 83.6 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX024283.D
 Acq: 16 Sep 2021 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 NAPL-AREA-02-(25-27)ME

Tgt Ion:152 Resp: 96664
 Ion Ratio Lower Upper
 152 100
 115 60.7 41.1 123.3
 150 157.9 0.0 349.0

