

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
 Data File : VX024287.D
 Acq On : 16 Sep 2021 14:48
 Operator : JC/MD
 Sample : M3733-10DL 10X
 Misc : 7.29g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NAPL-02-(8-10)-END-POINTMEDL

Quant Time: Sep 17 04:40:17 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)

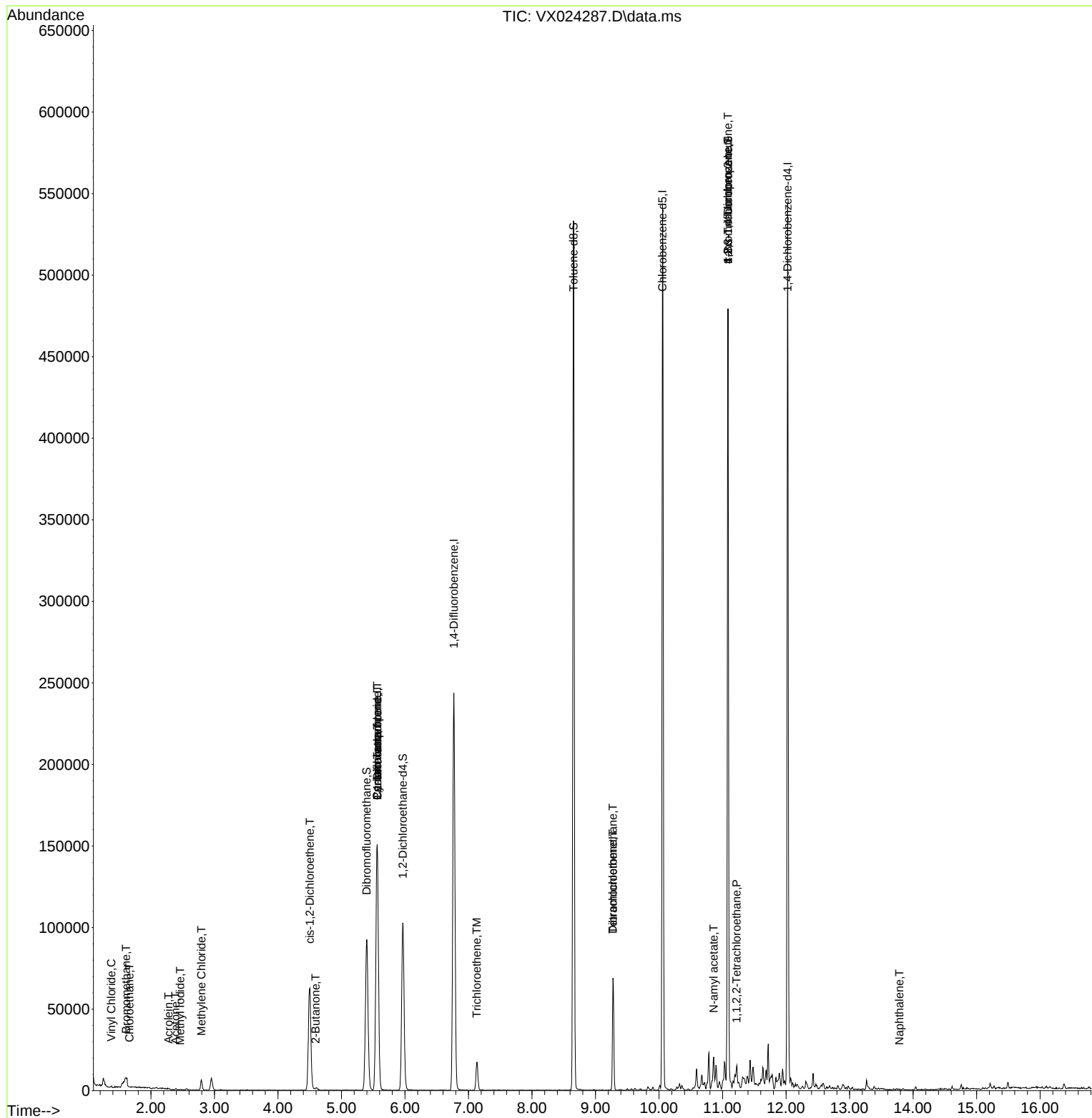
Internal Standards						
1) Pentafluorobenzene	5.562	168	143251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	243359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104537	51.176	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.360%	
35) Dibromofluoromethane	5.397	113	78944	48.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.740%	
50) Toluene-d8	8.653	98	305452	51.375	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	11.085	95	117862	50.939	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.880%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	642	0.449	ug/l	93
5) Bromomethane	1.605	94	407	0.478	ug/l	93
6) Chloroethane	1.660	64	351	2.290	ug/l #	43
10) Methyl Iodide	2.459	142	468	0.240	ug/l #	83
11) Tert butyl alcohol	2.953	59	4262	Below Cal	#	73
13) Acrolein	2.276	56	39	0.290	ug/l #	14
16) Acetone	2.386	43	1000	1.148	ug/l #	66
20) Methylene Chloride	2.794	84	2680	1.602	ug/l	89
25) 2-Butanone	4.593	43	508	0.396	ug/l #	45
27) cis-1,2-Dichloroethene	4.501	96	39353	23.565	ug/l	95
31) Cyclohexane	5.562	56	3001	1.256	ug/l #	4
36) 1,1-Dichloropropene	5.562	75	11036	4.932	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15002	5.957	ug/l #	18
44) Trichloroethene	7.129	130	6650	3.688	ug/l	96
60) Dibromochloromethane	9.275	129	12584	7.707	ug/l #	11
64) Tetrachloroethene	9.275	164	12758	6.860	ug/l	89
74) N-amyl acetate	10.860	43	2287	0.672	ug/l #	4
75) 1,1,2,2-Tetrachloroethane	11.219	83	1365	0.522	ug/l #	26
76) 1,2,3-Trichloropropane	11.085	75	63523	25.462	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	63523	74.884	ug/l #	12
95) Naphthalene	13.786	128	241	1.317	ug/l #	69

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

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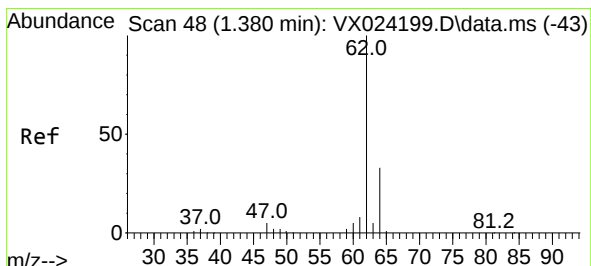
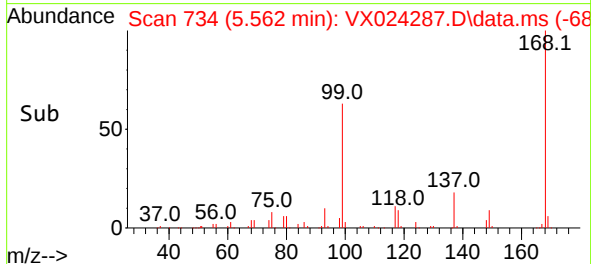
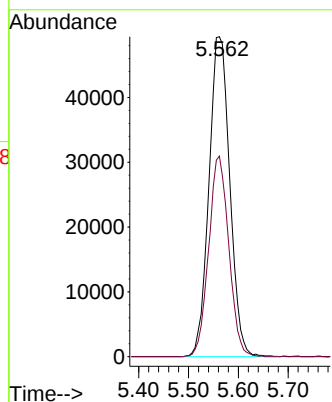
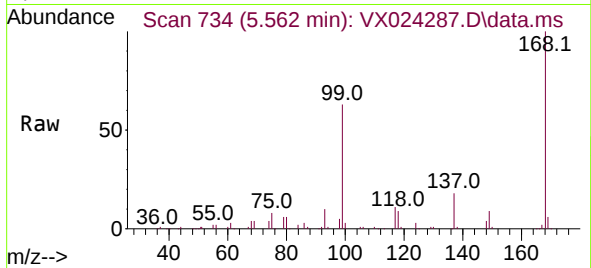




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

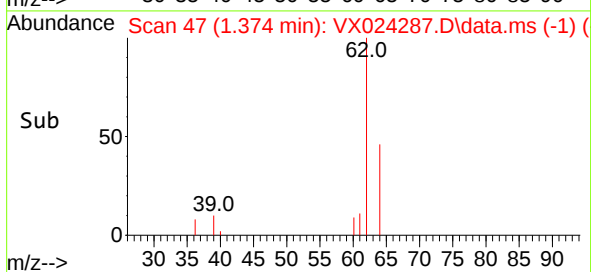
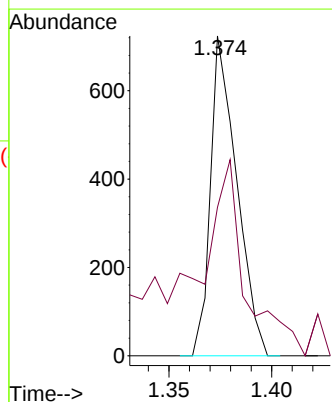
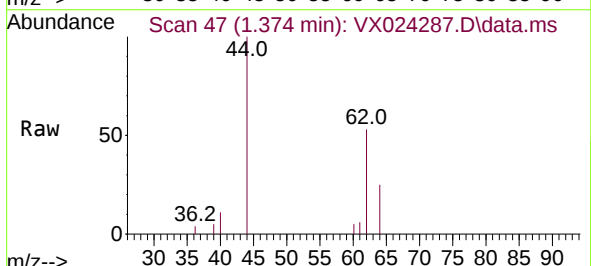
Instrument :
MSVOA_X
ClientSampleId :
NAPL-02-(8-10)-END-POINTMEDL

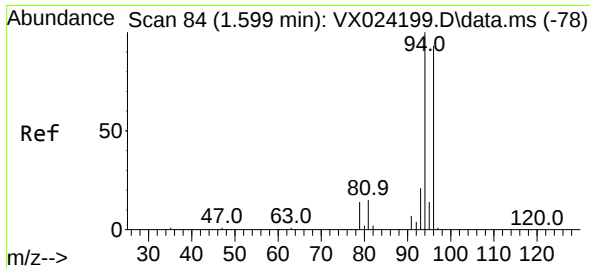
Tgt Ion:168 Resp: 143251
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.6



#4
Vinyl Chloride
Concen: 0.449 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

Tgt Ion: 62 Resp: 642
Ion Ratio Lower Upper
62 100
64 35.8 25.7 38.5

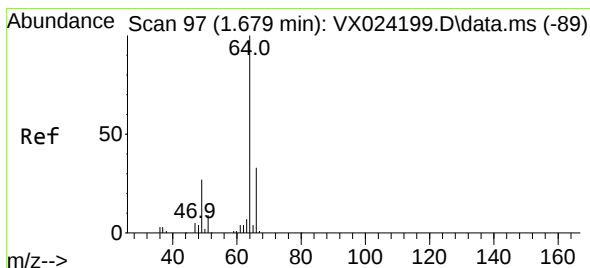
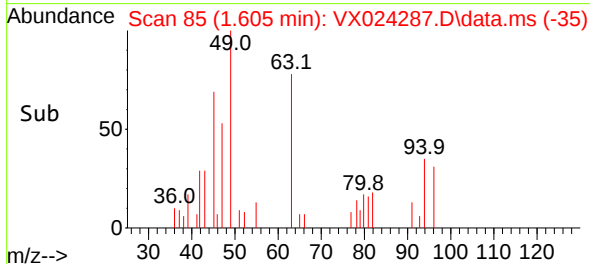
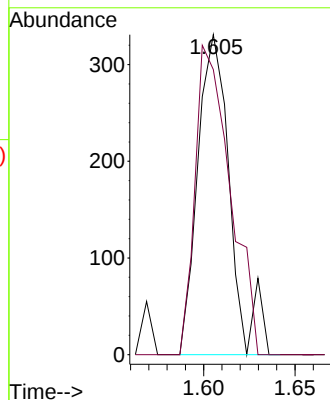
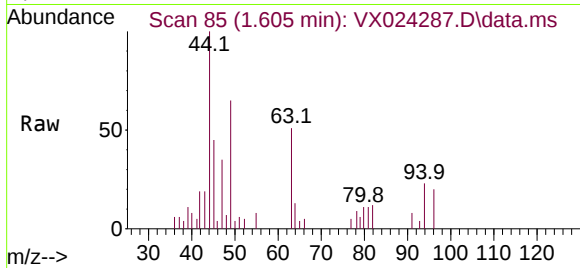




#5
Bromomethane
Concen: 0.478 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

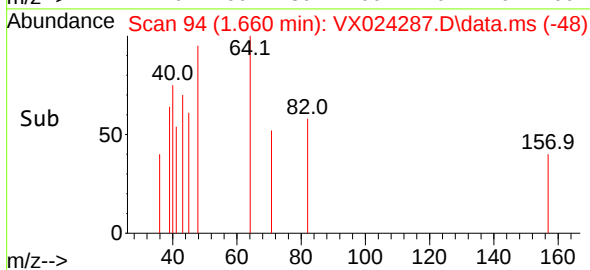
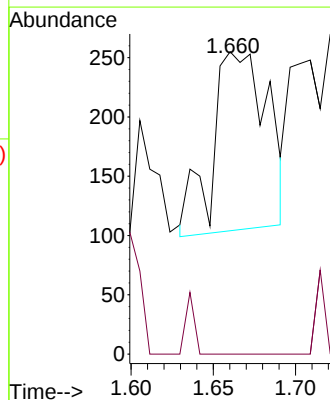
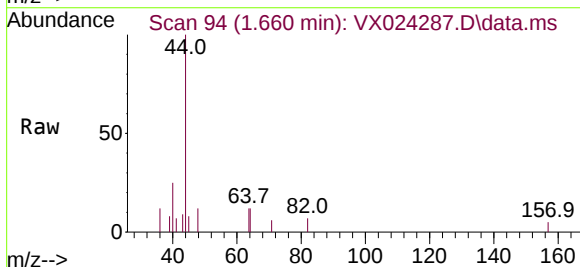
Instrument :
MSVOA_X
ClientSampleId :
NAPL-02-(8-10)-END-POINTMEDL

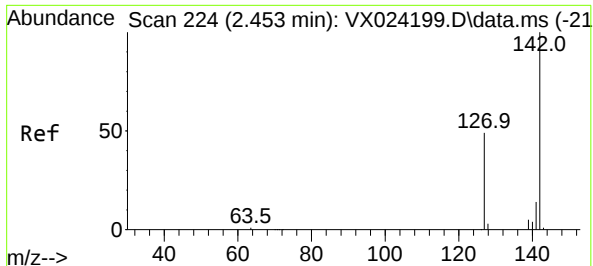
Tgt Ion: 94 Resp: 407
Ion Ratio Lower Upper
94 100
96 89.1 76.4 114.6



#6
Chloroethane
Concen: 2.290 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

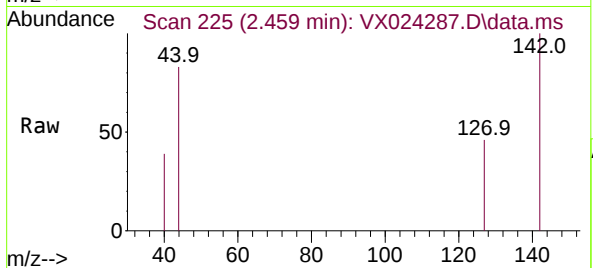
Tgt Ion: 64 Resp: 351
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



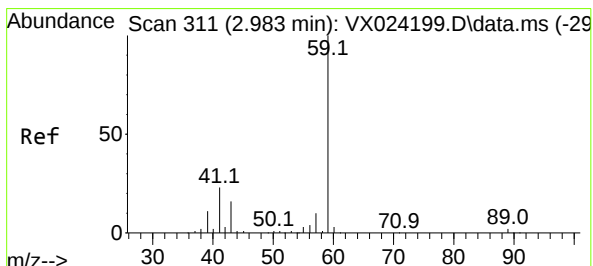
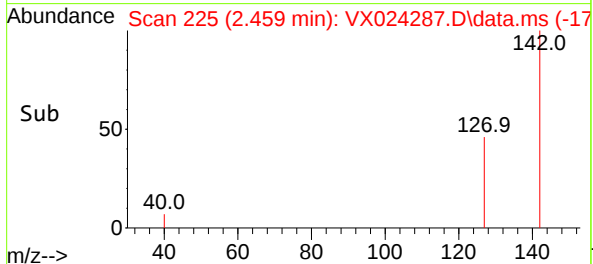
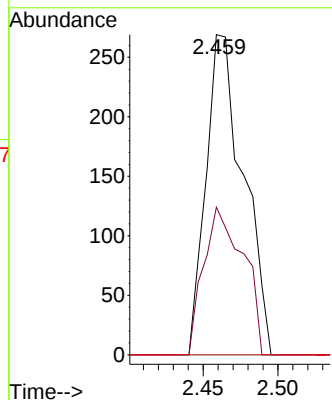


#10
Methyl Iodide
Concen: 0.240 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

Instrument :
MSVOA_X
ClientSampleId :
NAPL-02-(8-10)-END-POINTMEDL

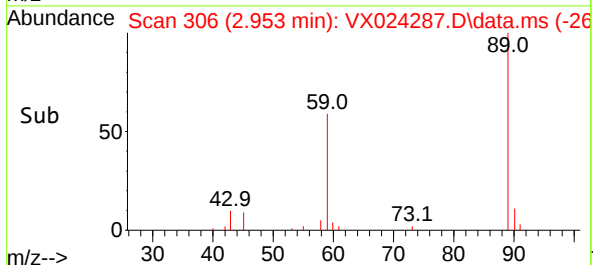
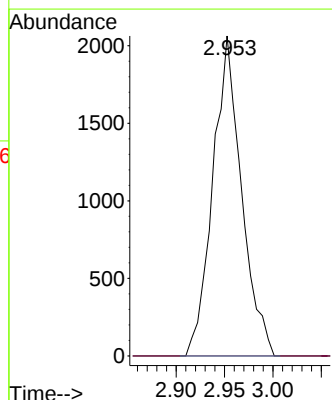
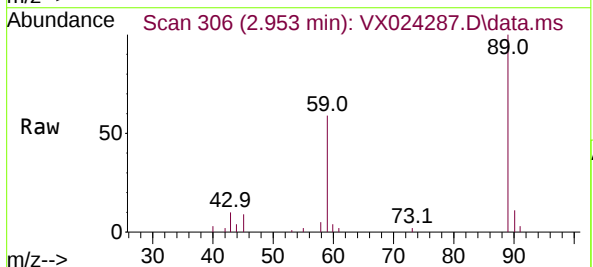


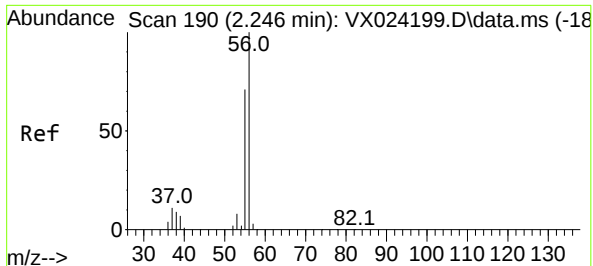
Tgt Ion:142 Resp: 468
Ion Ratio Lower Upper
142 100
127 48.7 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

Tgt Ion: 59 Resp: 4262
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

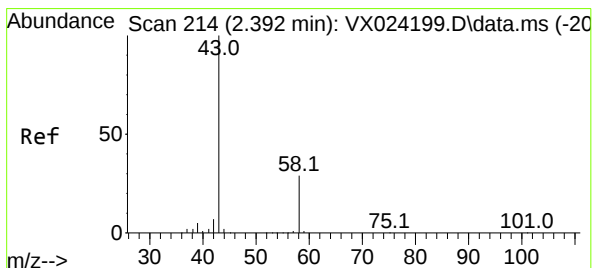
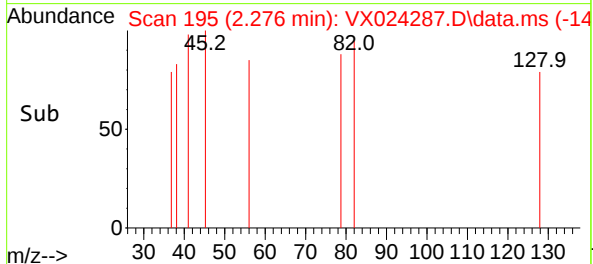
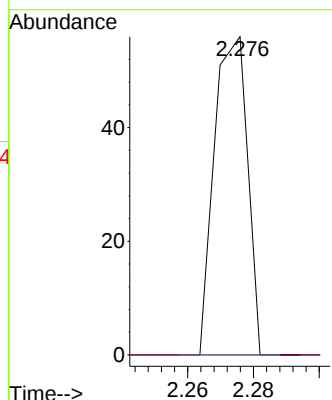
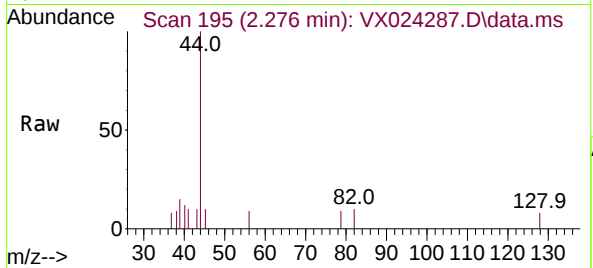




#13
Acrolein
Concen: 0.290 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.030 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

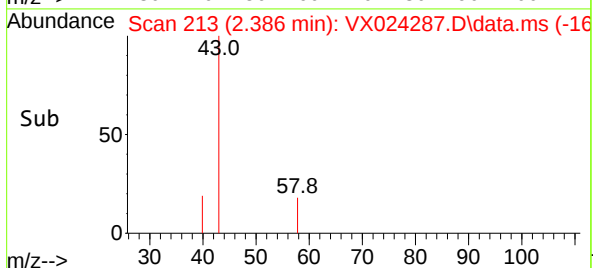
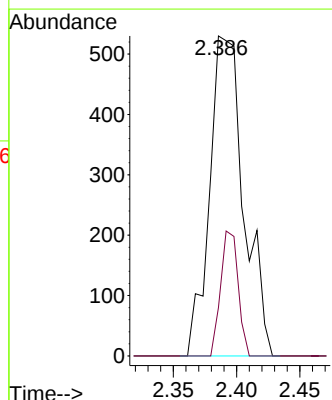
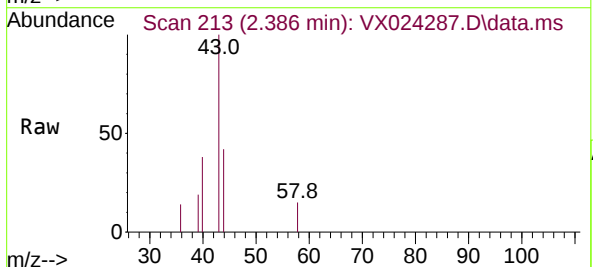
Instrument :
MSVOA_X
ClientSampleId :
NAPL-02-(8-10)-END-POINTMEDL

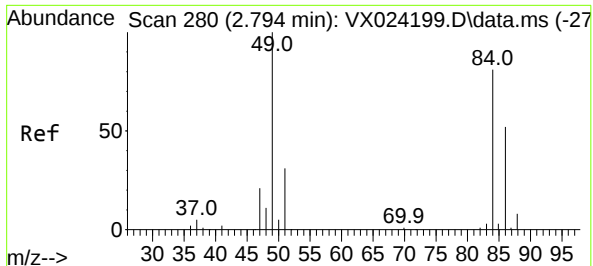
Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.148 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 15.1 27.8 41.8#





#20

Methylene Chloride

Concen: 1.602 ug/l

RT: 2.794 min Scan# 280

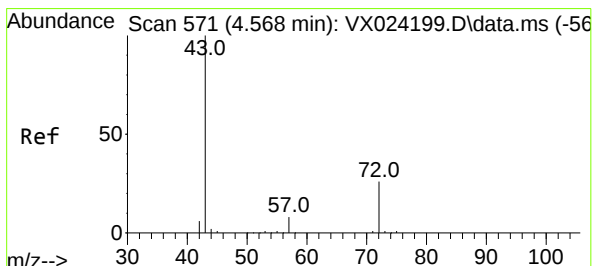
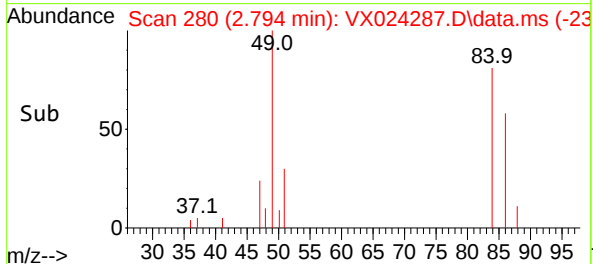
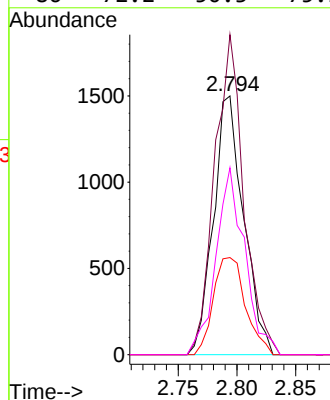
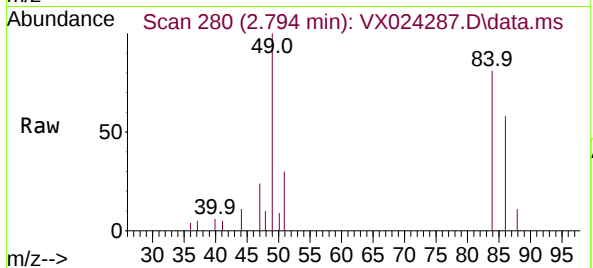
Delta R.T. 0.000 min

Lab File: VX024287.D

Acq: 16 Sep 2021 14:48

Tgt Ion: 84 Resp: 2680

Ion	Ratio	Lower	Upper
84	100		
49	123.7	88.6	132.8
51	37.5	27.0	40.6
86	72.2	50.3	75.5



#25

2-Butanone

Concen: 0.396 ug/l

RT: 4.593 min Scan# 575

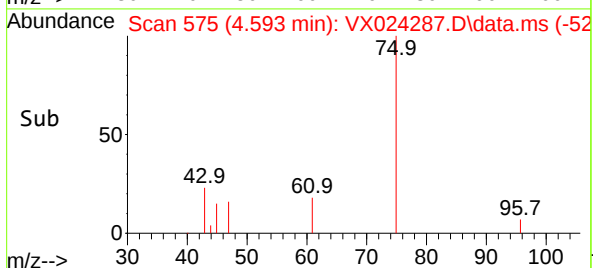
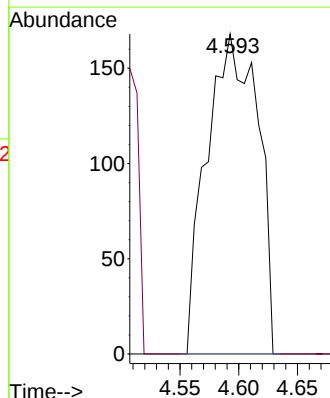
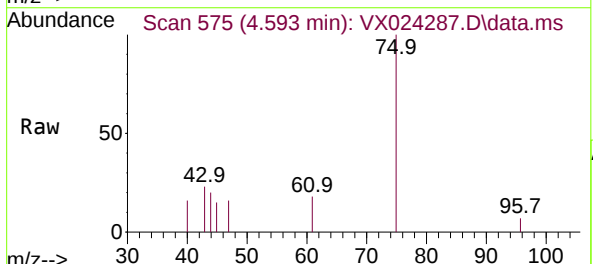
Delta R.T. 0.025 min

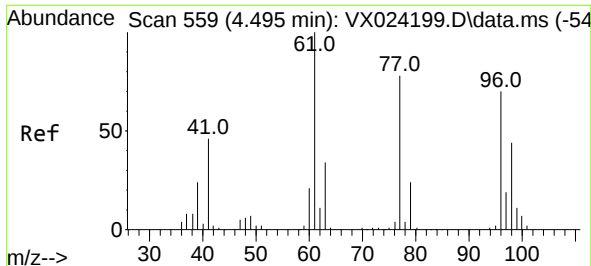
Lab File: VX024287.D

Acq: 16 Sep 2021 14:48

Tgt Ion: 43 Resp: 508

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





#27

cis-1,2-Dichloroethene

Concen: 23.565 ug/l

RT: 4.501 min Scan# 560

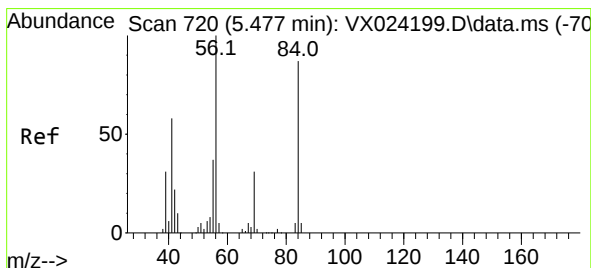
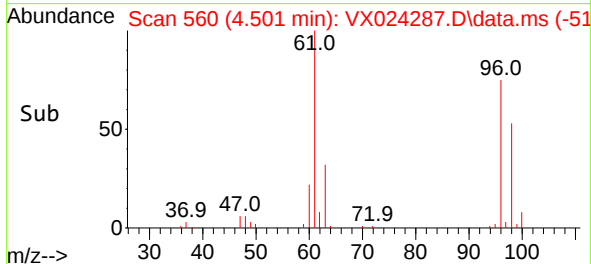
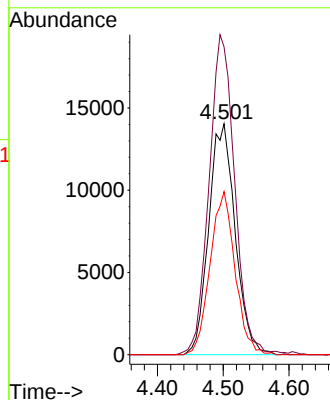
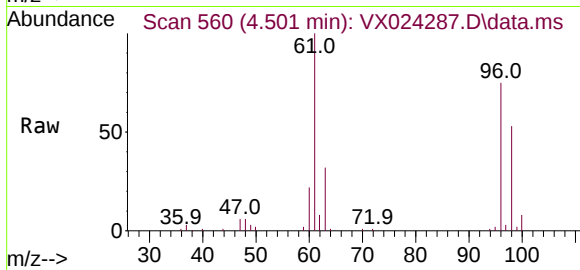
Delta R.T. 0.006 min

Lab File: VX024287.D

Acq: 16 Sep 2021 14:48

Tgt Ion: 96 Resp: 39353

Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	285.6
98	66.5	0.0	129.6



#31

Cyclohexane

Concen: 1.256 ug/l

RT: 5.562 min Scan# 734

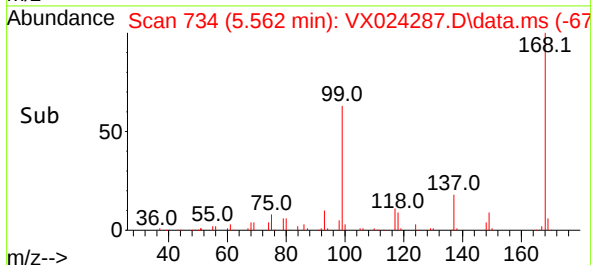
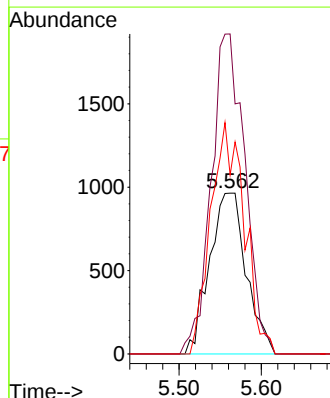
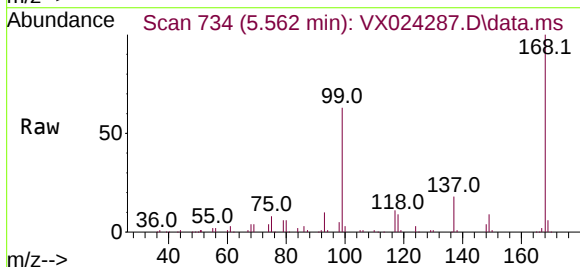
Delta R.T. 0.085 min

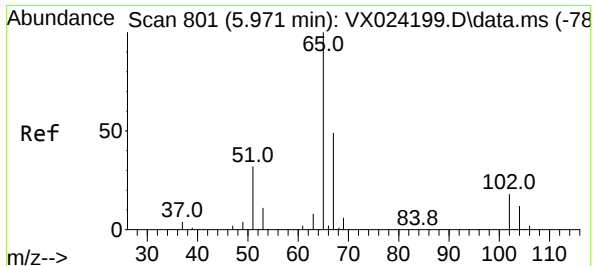
Lab File: VX024287.D

Acq: 16 Sep 2021 14:48

Tgt Ion: 56 Resp: 3001

Ion	Ratio	Lower	Upper
56	100		
69	199.1	25.3	37.9#
84	111.3	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.176 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

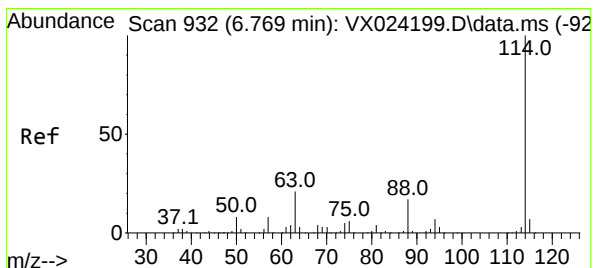
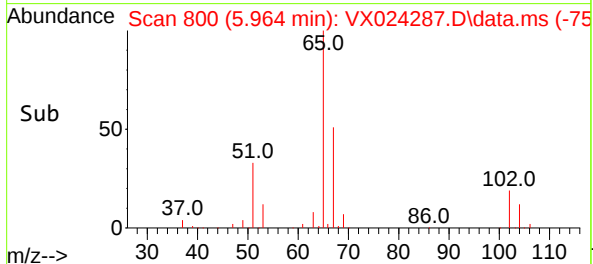
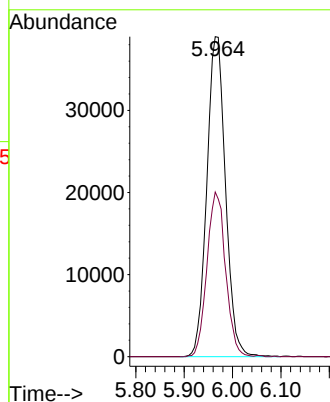
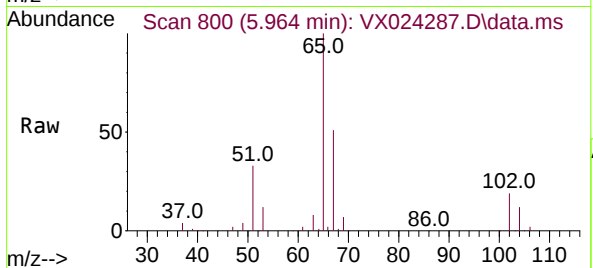
Lab File: VX024287.D

Acq: 16 Sep 2021 14:48

Tgt Ion: 65 Resp: 104537

Ion Ratio Lower Upper

65	100		
67	51.2	0.0	105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

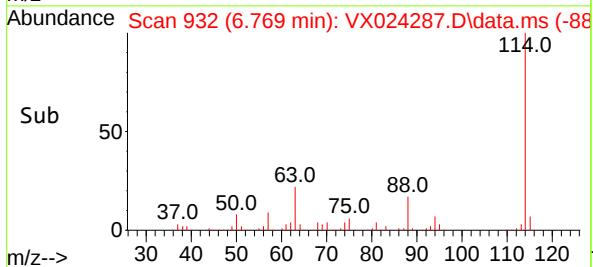
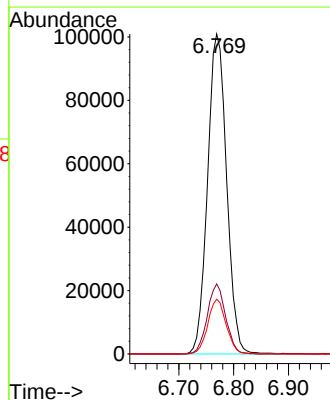
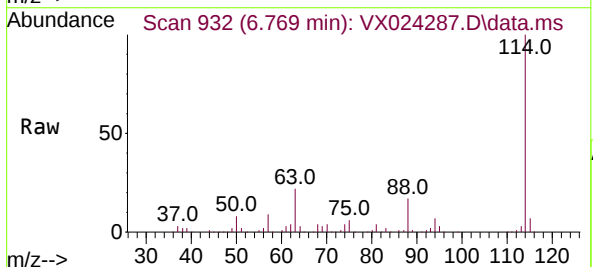
Lab File: VX024287.D

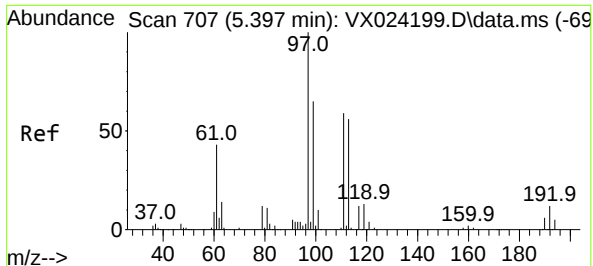
Acq: 16 Sep 2021 14:48

Tgt Ion: 114 Resp: 243359

Ion Ratio Lower Upper

114	100		
63	21.9	0.0	40.8
88	17.1	0.0	32.8

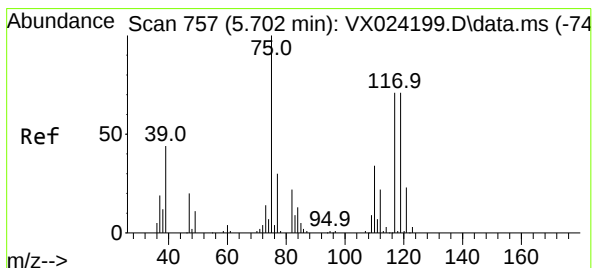
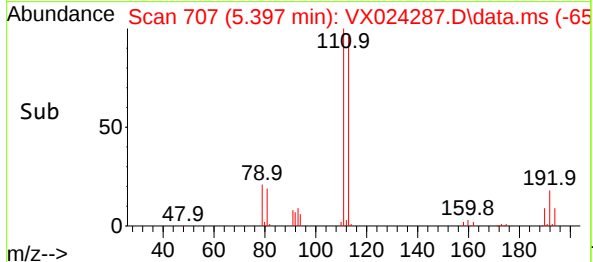
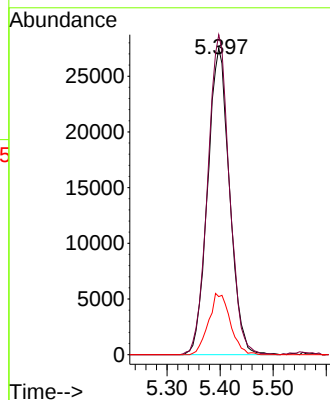
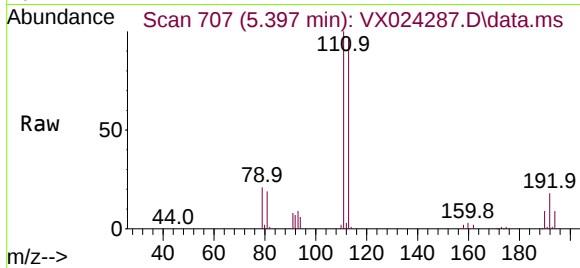




#35
Dibromofluoromethane
Concen: 48.370 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

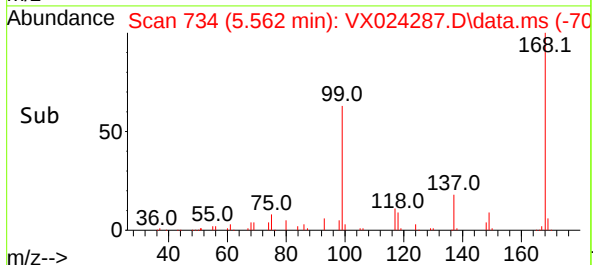
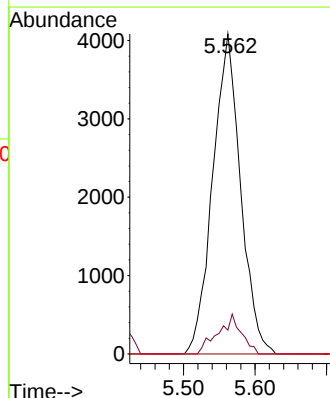
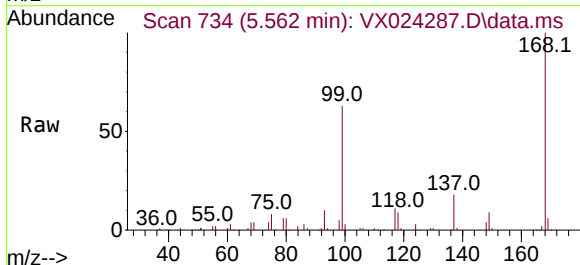
Instrument :
MSVOA_X
ClientSampleId :
NAPL-02-(8-10)-END-POINTMEDL

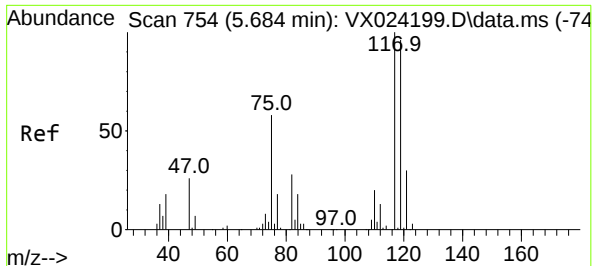
Tgt Ion:	113	Resp:	78944
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	19.8	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.932 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

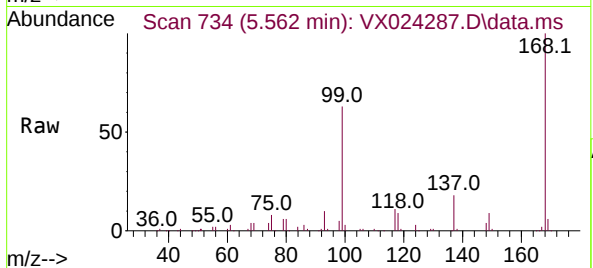
Tgt Ion:	75	Resp:	11036
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.4#
77	0.0	25.3	37.9#



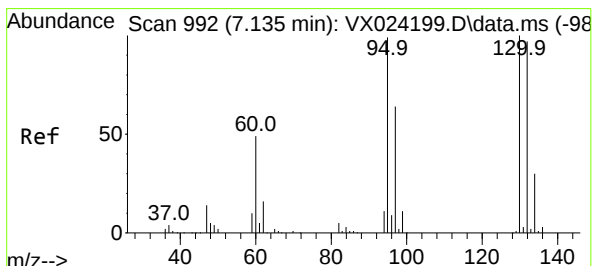
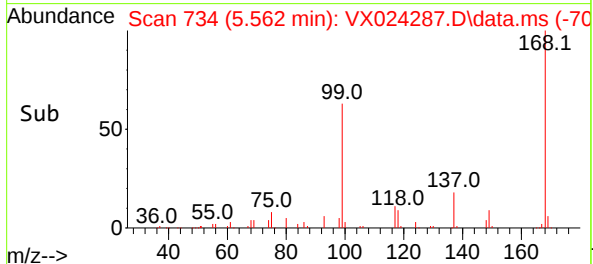
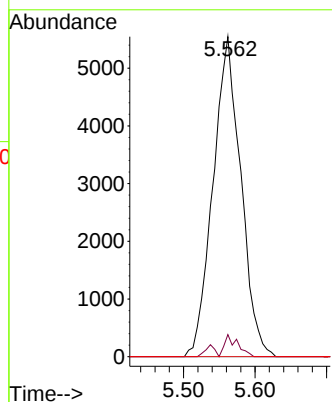


#38
Carbon Tetrachloride
Concen: 5.957 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

Instrument :
MSVOA_X
ClientSampleId :
NAPL-02-(8-10)-END-POINTMEDL

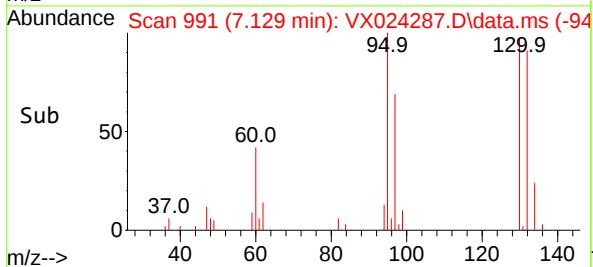
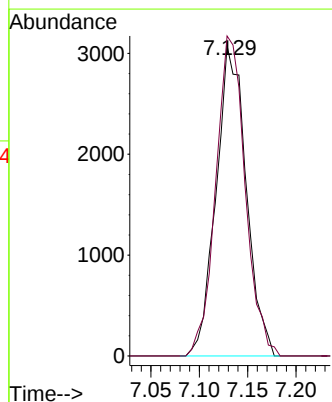
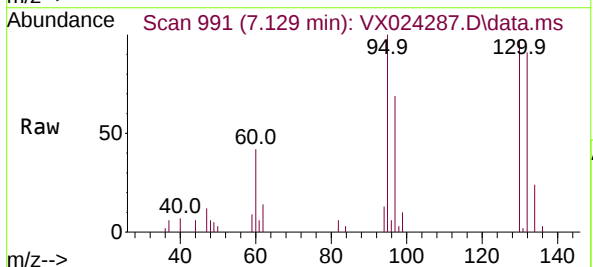


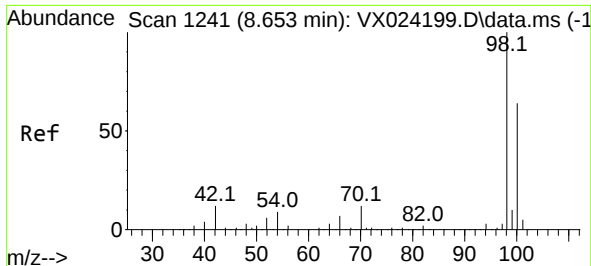
Tgt Ion:117 Resp: 15002
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 3.688 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

Tgt Ion:130 Resp: 6650
Ion Ratio Lower Upper
130 100
95 103.1 0.0 198.0

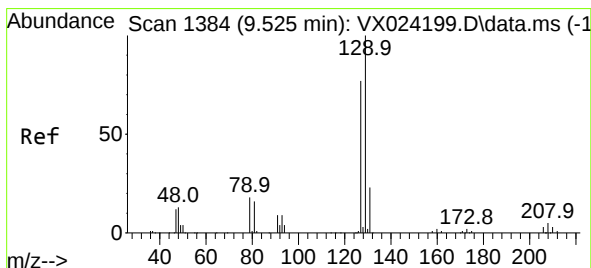
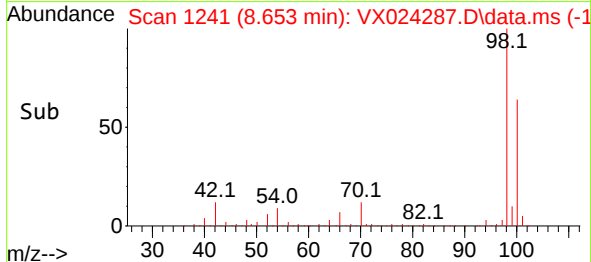
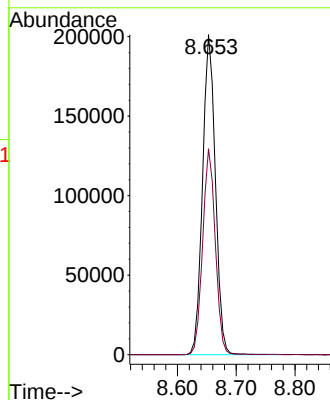
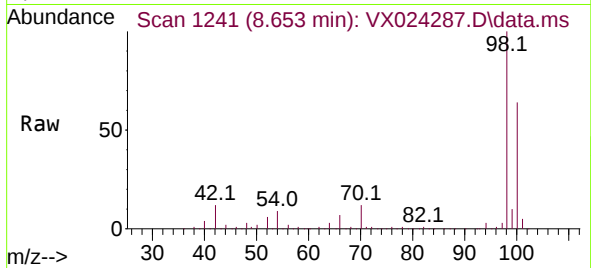




#50
Toluene-d8
Concen: 51.375 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

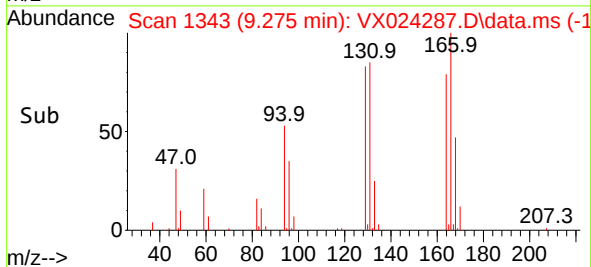
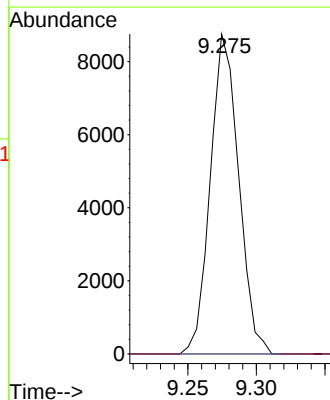
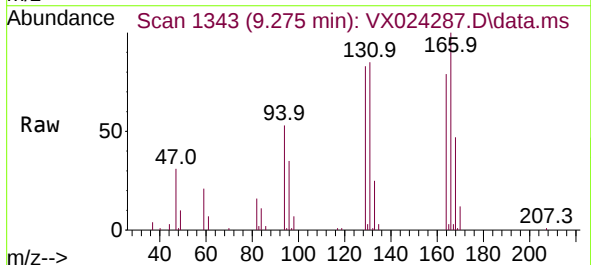
Instrument :
MSVOA_X
ClientSampleId :
NAPL-02-(8-10)-END-POINTMEDL

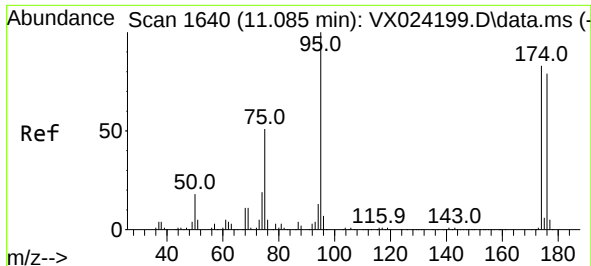
Tgt Ion: 98 Resp: 305452
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#60
Dibromochloromethane
Concen: 7.707 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

Tgt Ion: 129 Resp: 12584
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

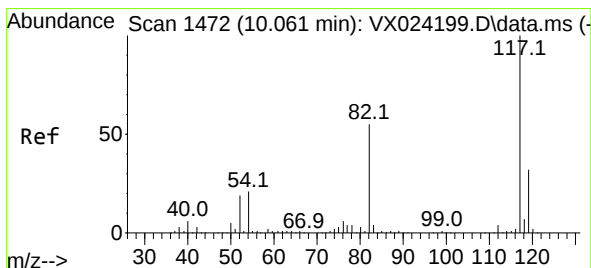
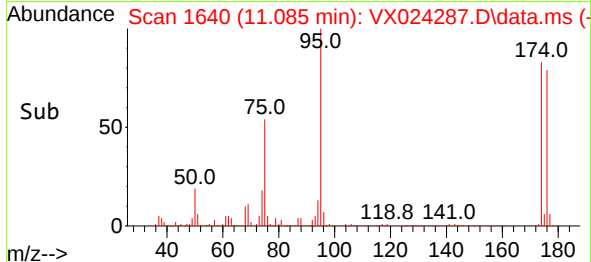
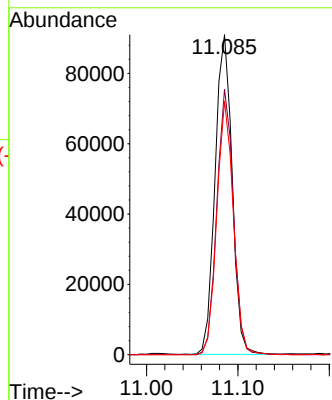
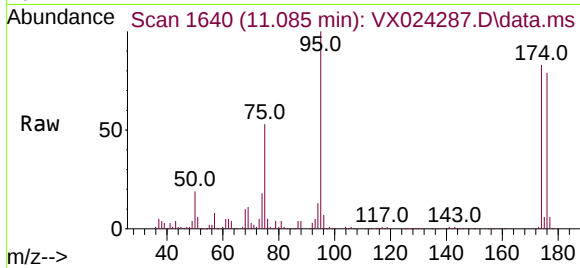




#62
4-Bromofluorobenzene
Concen: 50.939 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

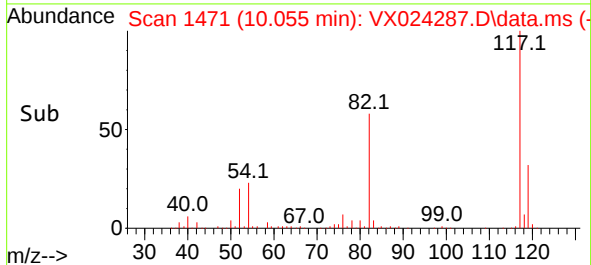
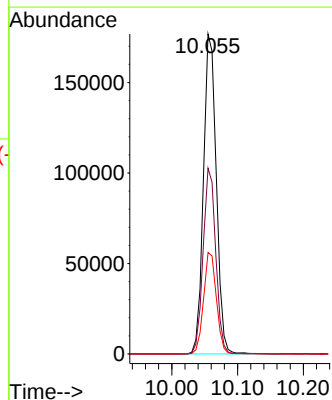
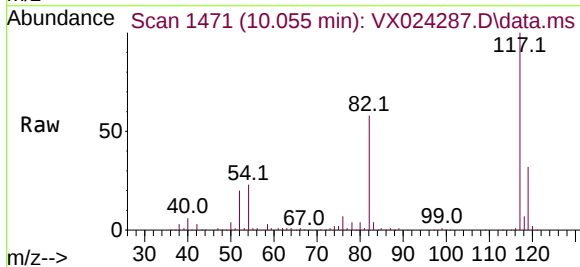
Instrument :
MSVOA_X
ClientSampleId :
NAPL-02-(8-10)-END-POINTMEDL

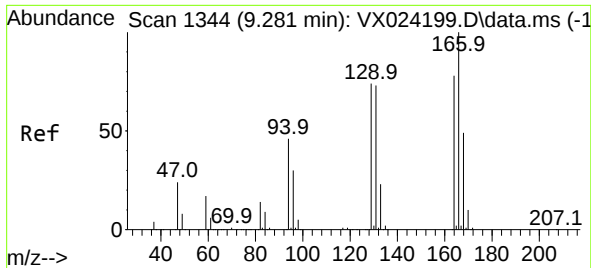
Tgt Ion: 95 Resp: 117862
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 77.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

Tgt Ion: 117 Resp: 240062
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 31.7 26.6 39.8



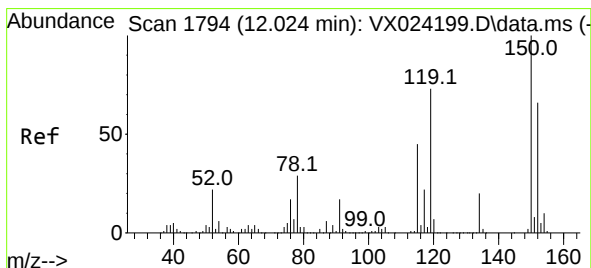
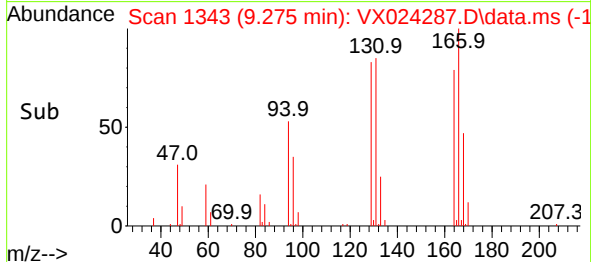
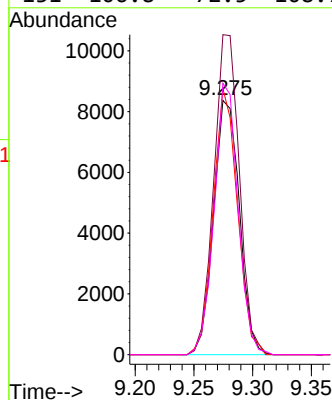
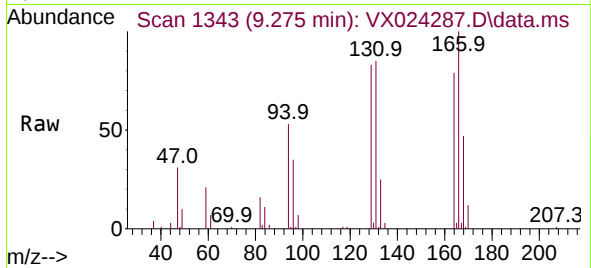


#64
Tetrachloroethene
Concen: 6.860 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

Instrument :
MSVOA_X
ClientSampleId :
NAPL-02-(8-10)-END-POINTMEDL

Tgt Ion:164 Resp: 12758

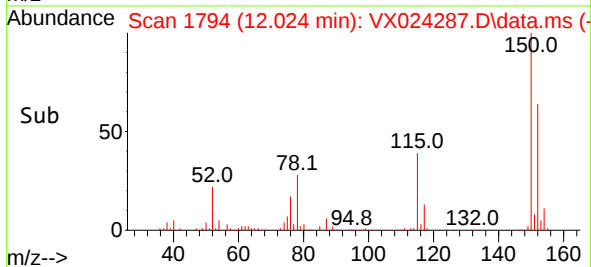
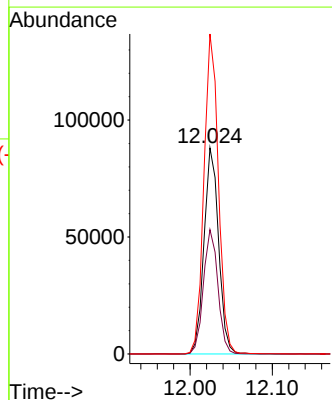
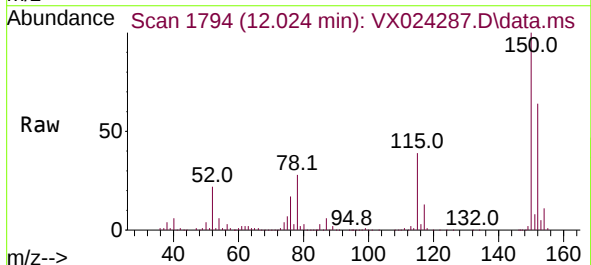
Ion	Ratio	Lower	Upper
164	100		
166	125.9	103.4	155.2
129	104.7	70.8	106.2
131	106.8	72.5	108.7

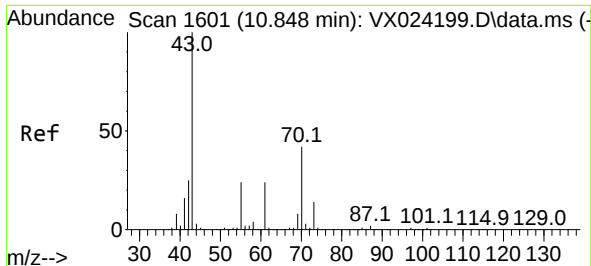


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

Tgt Ion:152 Resp: 108498

Ion	Ratio	Lower	Upper
152	100		
115	59.9	41.1	123.3
150	154.3	0.0	349.0

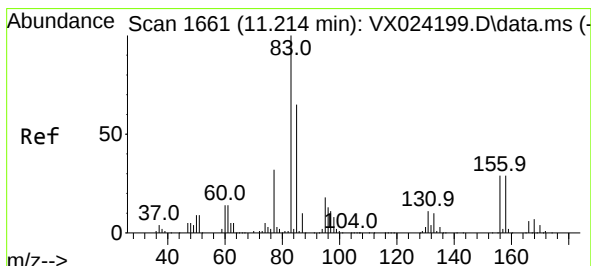
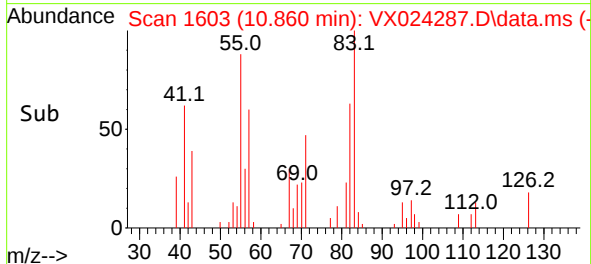
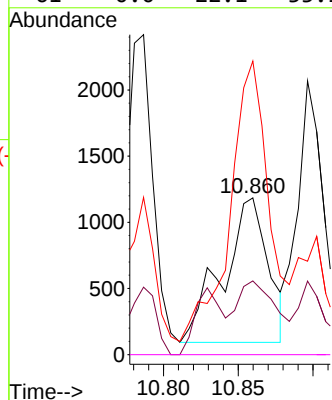
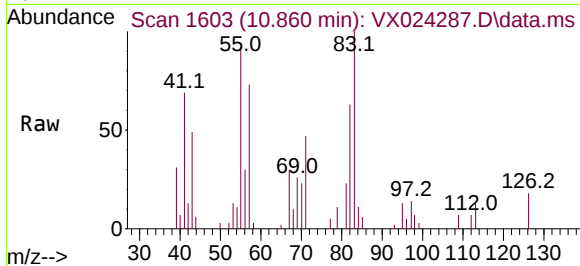




#74
N-amy1 acetate
Concen: 0.672 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

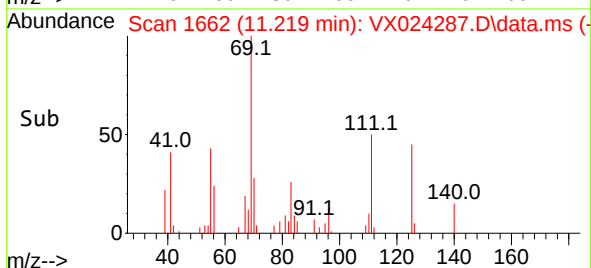
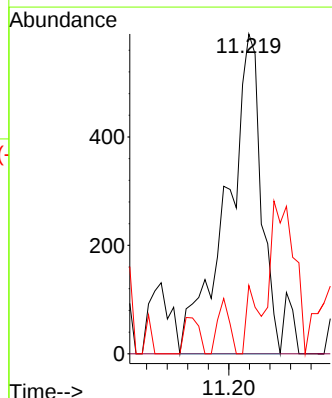
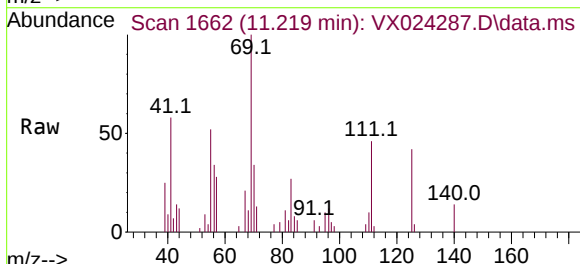
Instrument :
MSVOA_X
ClientSampleId :
NAPL-02-(8-10)-END-POINTMEDL

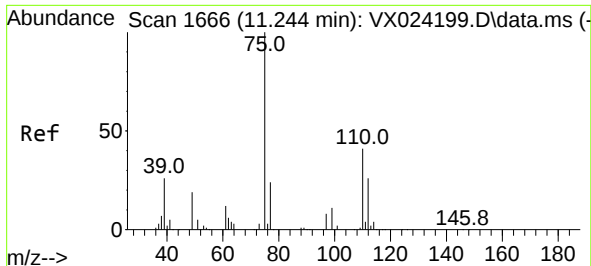
Tgt Ion: 43	Resp: 2287
Ion Ratio	Lower Upper
43 100	
70 42.1	39.0 58.6
55 181.1	21.5 32.3#
61 0.0	22.1 33.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.522 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.005 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

Tgt Ion: 83	Resp: 1365
Ion Ratio	Lower Upper
83 100	
131 0.0	5.1 15.2#
85 0.0	31.8 95.4#

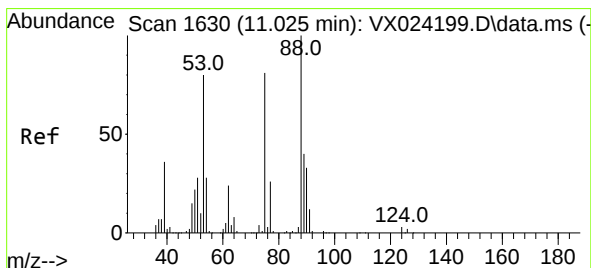
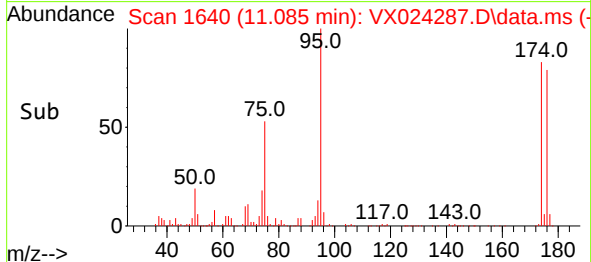
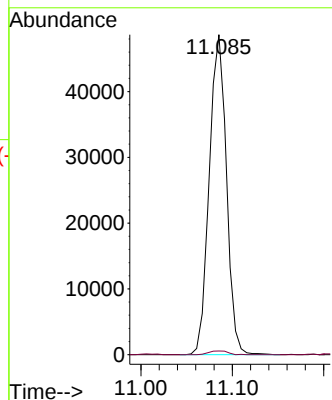
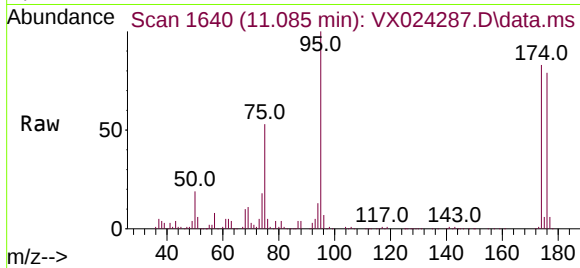




#76
1,2,3-Trichloropropane
Concen: 25.462 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

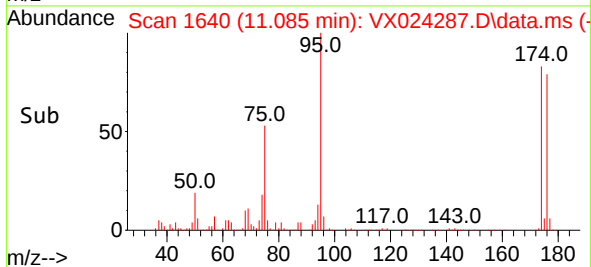
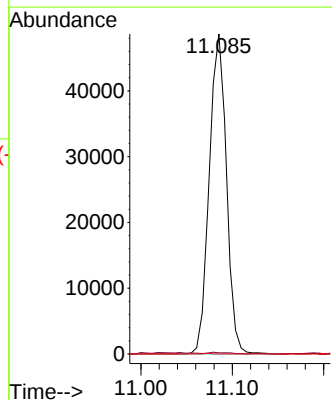
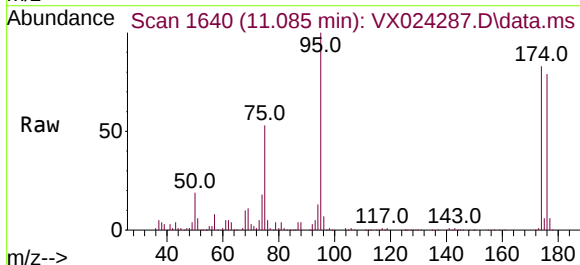
Instrument :
MSVOA_X
ClientSampleId :
NAPL-02-(8-10)-END-POINTMEDL

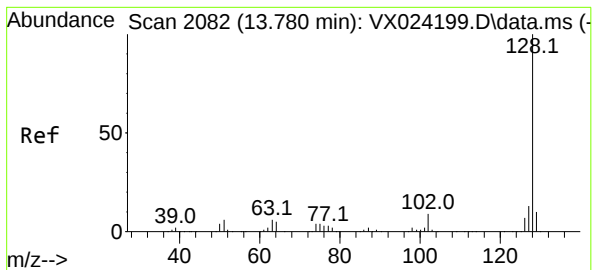
Tgt Ion: 75 Resp: 63523
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.884 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

Tgt Ion: 75 Resp: 63523
Ion Ratio Lower Upper
75 100
53 0.6 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.317 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024287.D
Acq: 16 Sep 2021 14:48

Instrument :
MSVOA_X
ClientSampleId :
NAPL-02-(8-10)-END-POINTMEDL

Tgt Ion:128 Resp: 241
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

