

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029281.D
 Acq On : 22 Nov 2022 23:00
 Operator : SY/MD
 Sample : N5651-03DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:47:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:46:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	280670	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	253583	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	116648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88034	3.288	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.565	69	78756	3.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.105	63	111729	2.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.000%#
20) 2-Butanone-d5	3.896	46	216768	54.850	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.700%
24) Chloroform-d	4.339	84	155607	4.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.027	65	78151	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.044	84	308565	3.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
36) 1,2-Dichloropropane-d6	6.063	67	111161	4.255	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.310	98	248015	3.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	7.616	79	32087	3.689	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.085	63	88235	56.589	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.180%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	61310	4.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	88605	3.937	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.800%#
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1425	0.044	ug/L	88
9) Trichlorofluoromethane	1.751	101	204968	5.804	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	4738	0.226	ug/L	91
12) 1,1-Dichloroethene	2.114	96	2971	0.143	ug/L #	1
16) Methylene chloride	2.503	84	15233	0.467	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	10454	0.230	ug/L #	91
19) 1,1-Dichloroethane	3.185	63	12789	0.302	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	14872	0.648	ug/L	92
25) Chloroform	4.368	83	8665	0.215	ug/L	98
34) Trichloroethene	5.905	95	172958	7.118	ug/L	99
35) Methylcyclohexane	6.063	83	23578	0.600	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	11557	0.483	ug/L #	88
47) Tetrachloroethene	7.966	164	8940	0.560	ug/L	95
49) Dibromochloromethane	7.966	129	7849	0.529	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	16497	1.478	ug/L #	68
71) Naphthalene	13.500	128	453	0.053	ug/L #	76

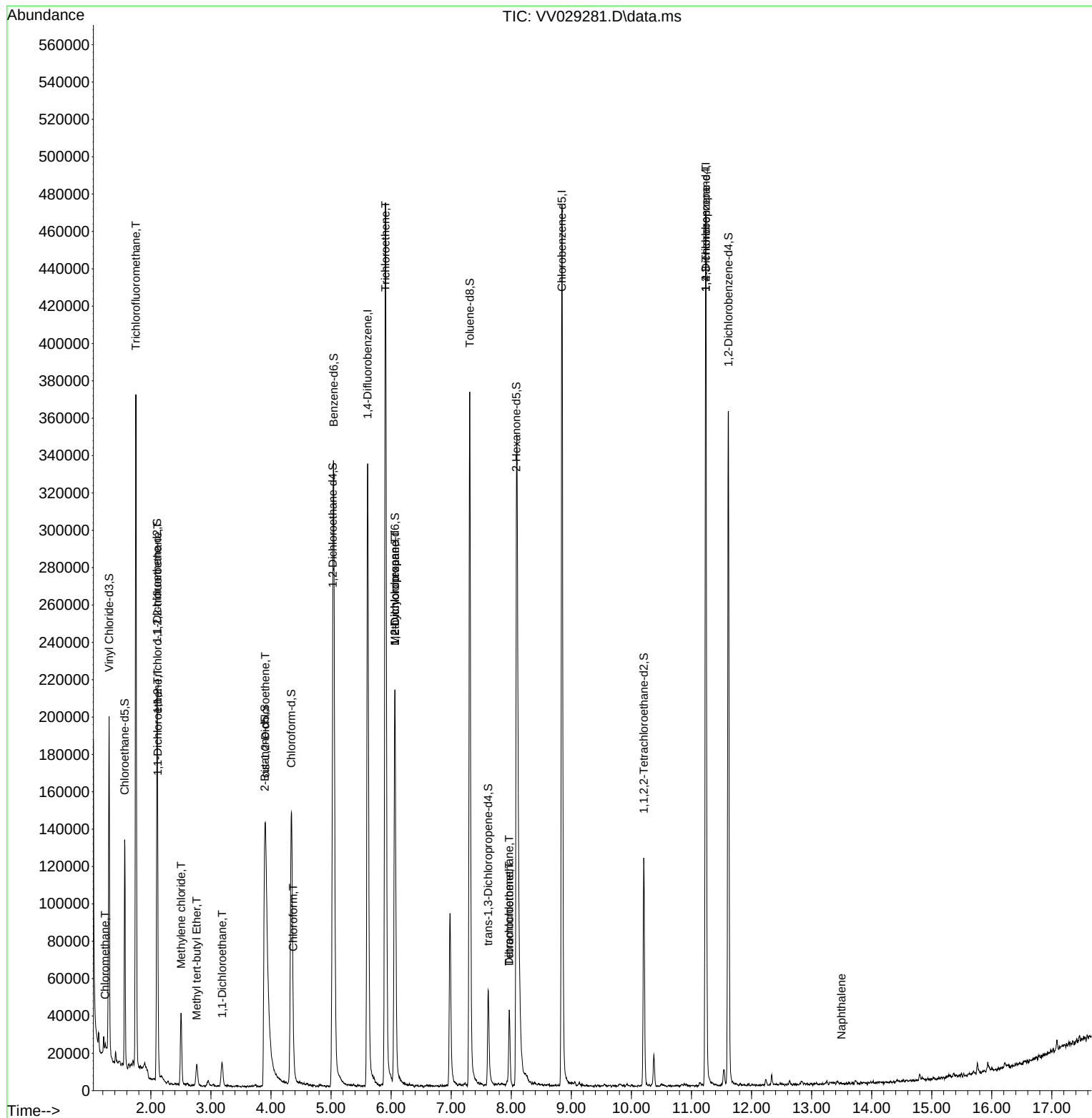
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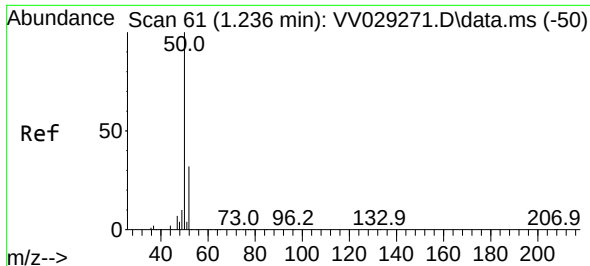
Instrument :
MSVOA_V
ClientSampleId :

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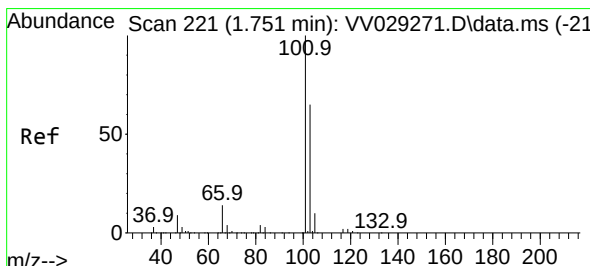
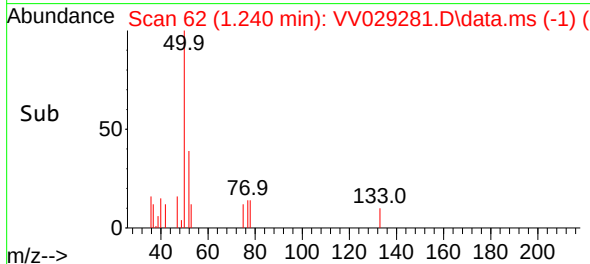
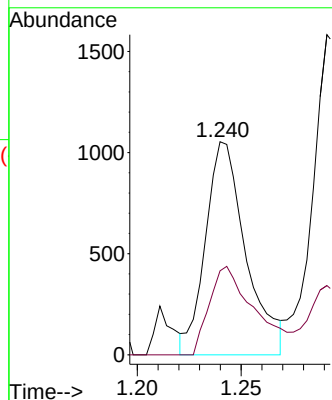
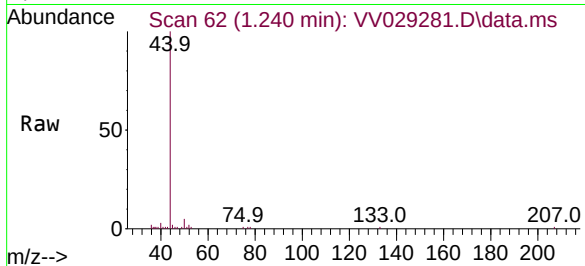




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

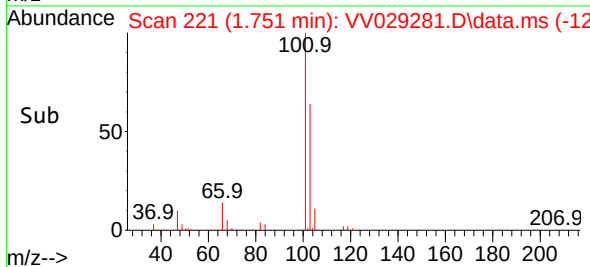
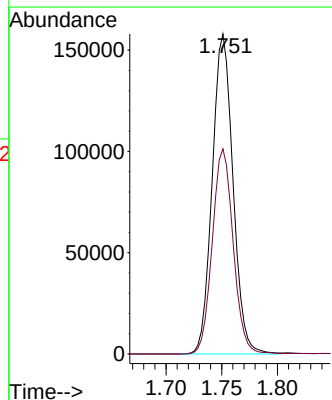
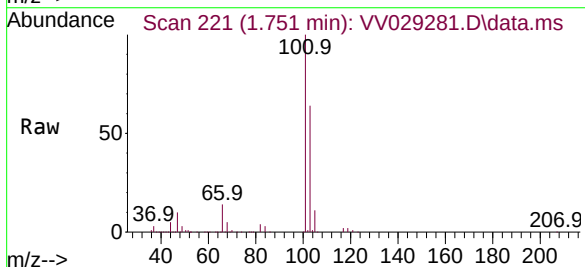
Instrument :
MSVOA_V
ClientSampleId :

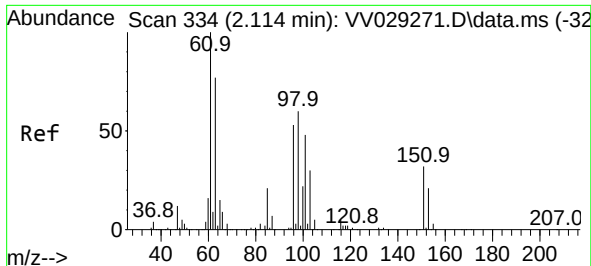
Tgt Ion: 50 Resp: 1425
Ion Ratio Lower Upper
50 100
52 39.4 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.804 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

Tgt Ion:101 Resp: 204968
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.226 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029281.D

Acq: 22 Nov 2022 23:00

Instrument :

MSVOA_V

ClientSampleId :

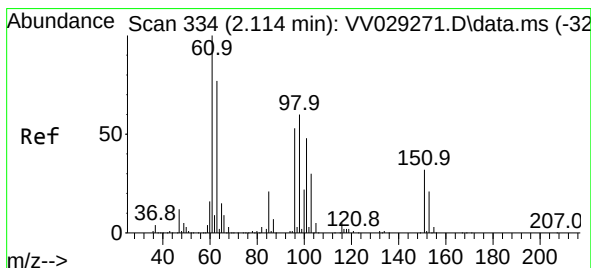
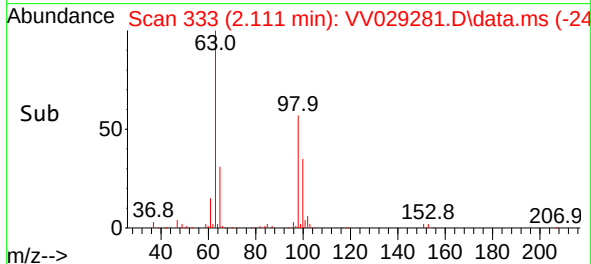
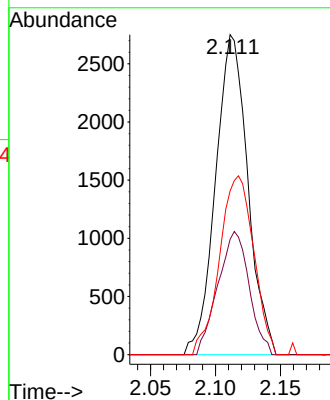
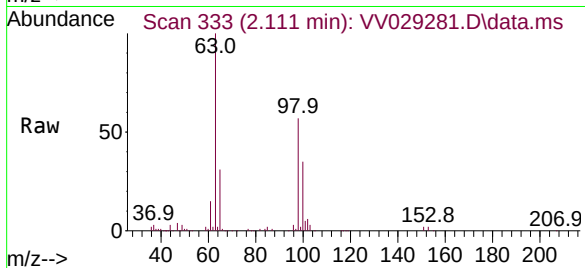
Tgt Ion:101 Resp: 4738

Ion Ratio Lower Upper

101 100

85 37.3 34.7 52.1

151 59.2 53.4 80.2



#12

1,1-Dichloroethene

Concen: 0.143 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV029281.D

Acq: 22 Nov 2022 23:00

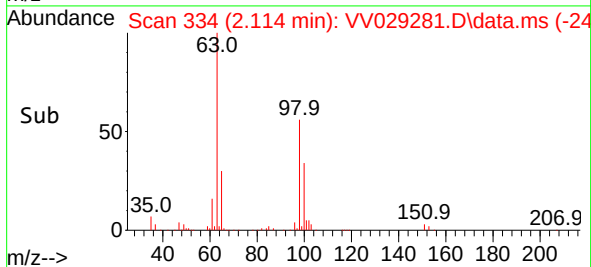
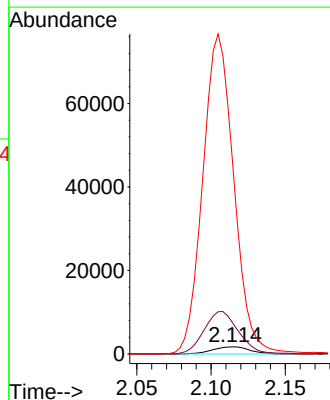
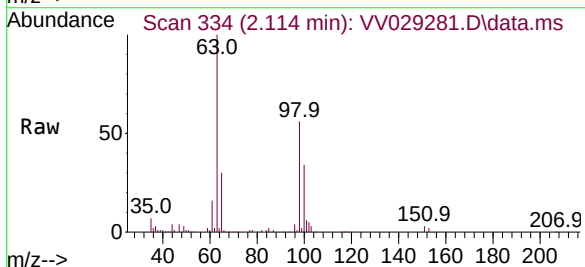
Tgt Ion: 96 Resp: 2971

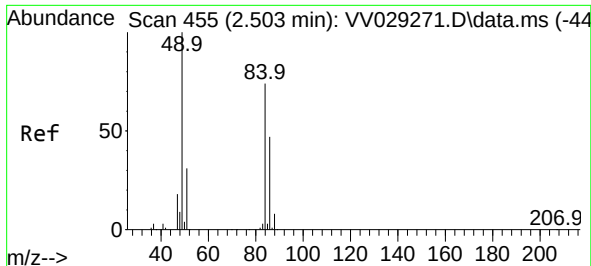
Ion Ratio Lower Upper

96 100

61 443.7 131.9 245.0#

63 2718.8 98.6 183.0#

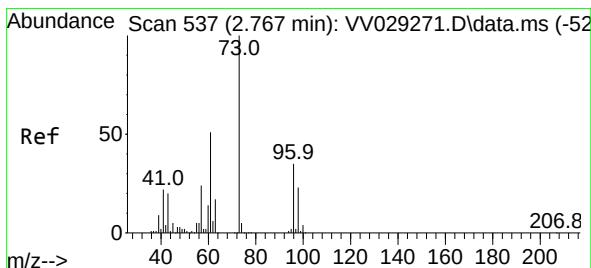
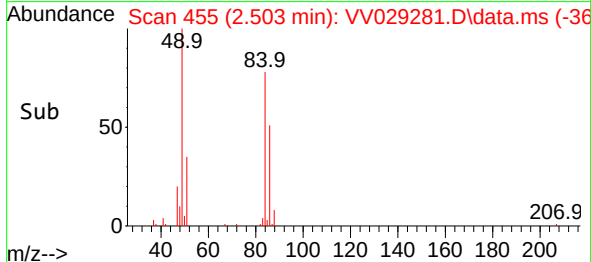
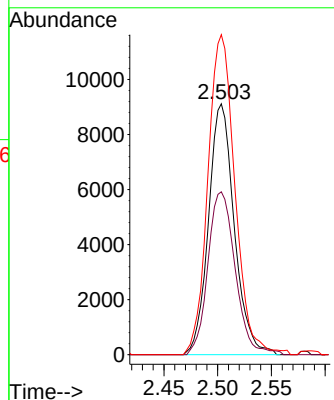
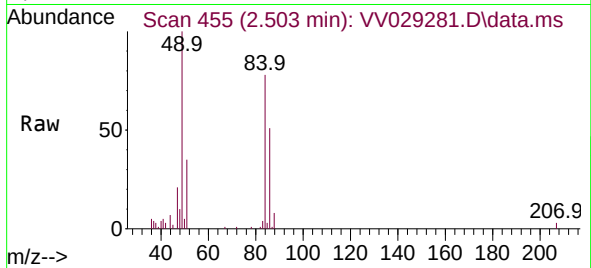




#16
Methylene chloride
Concen: 0.467 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

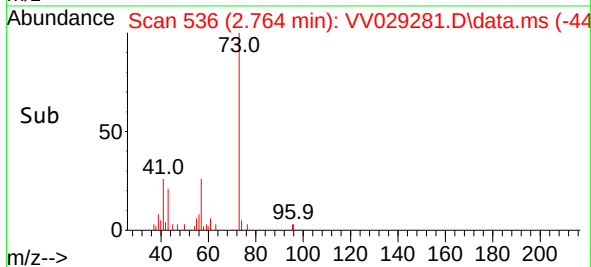
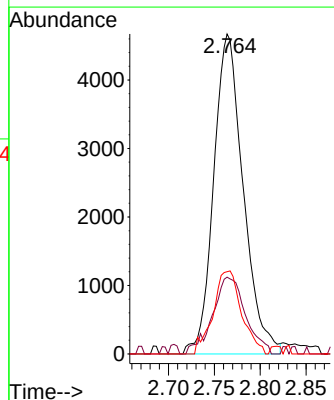
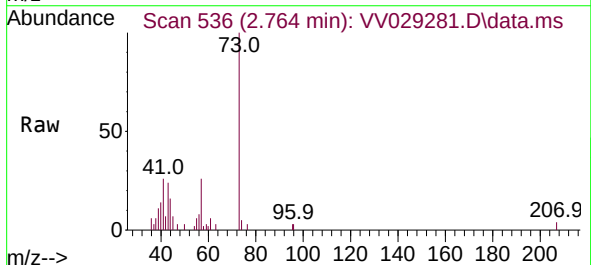
Instrument :
MSVOA_V
ClientSampleId :

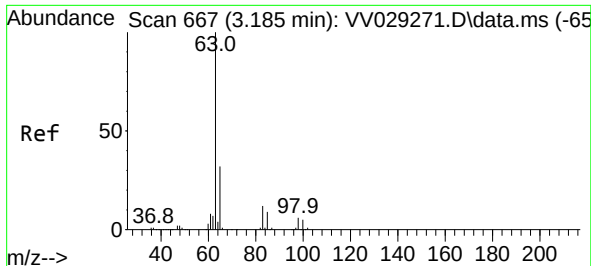
Tgt Ion: 84 Resp: 15233
Ion Ratio Lower Upper
84 100
86 64.9 44.2 82.2
49 127.5 91.9 170.7



#17
Methyl tert-butyl Ether
Concen: 0.230 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

Tgt Ion: 73 Resp: 10454
Ion Ratio Lower Upper
73 100
43 26.8 15.4 23.2#
57 25.0 18.9 28.3

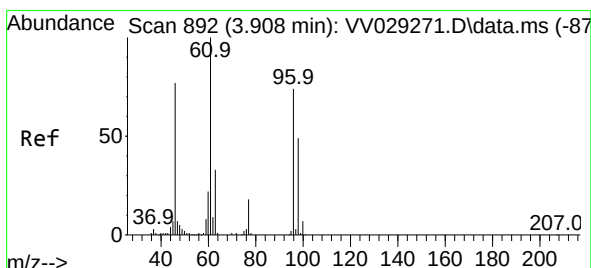
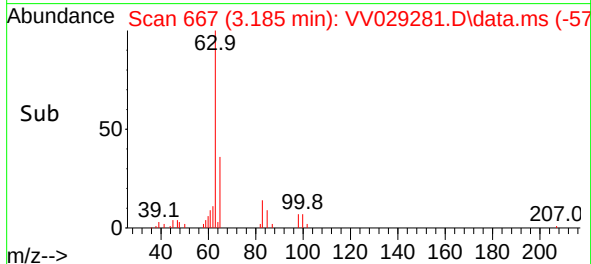
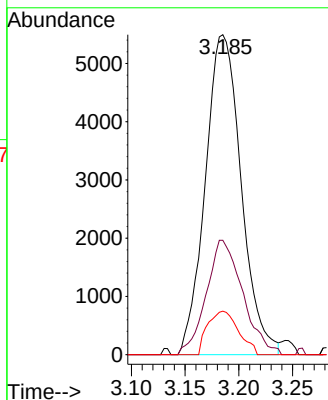
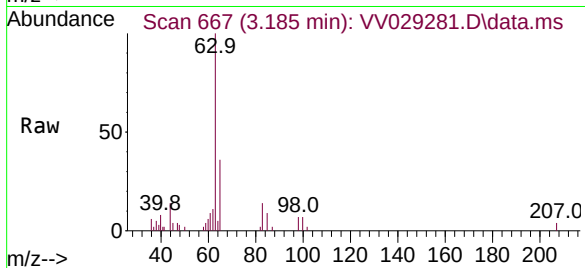




#19
1,1-Dichloroethane
Concen: 0.302 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

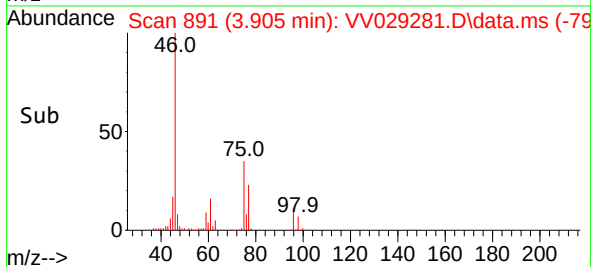
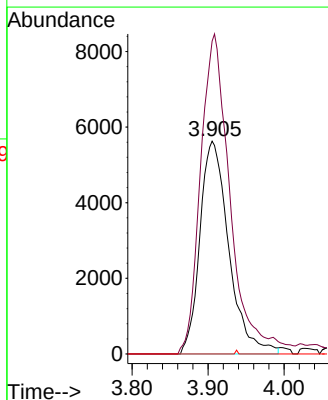
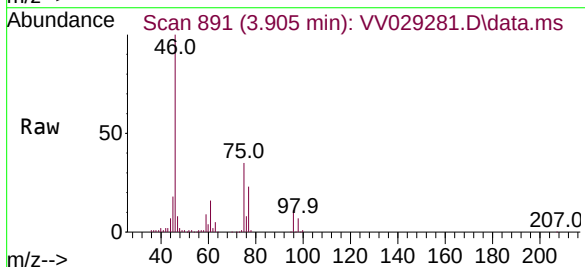
Instrument :
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ClientSampleId :

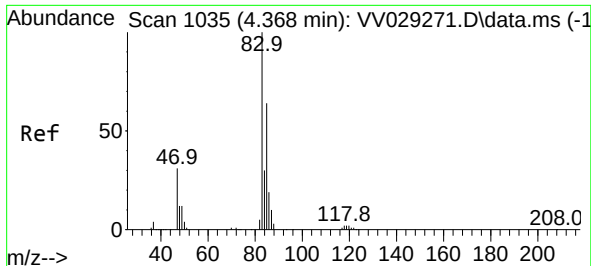
Tgt Ion:	63	Resp:	12789
Ion	Ratio	Lower	Upper
63	100		
65	35.7	22.1	41.1
83	13.6	9.0	16.8



#22
cis-1,2-Dichloroethene
Concen: 0.648 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

Tgt Ion:	96	Resp:	14872
Ion	Ratio	Lower	Upper
96	100		
61	147.0	95.8	178.0
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.215 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV029281.D

Acq: 22 Nov 2022 23:00

Instrument :

MSVOA_V

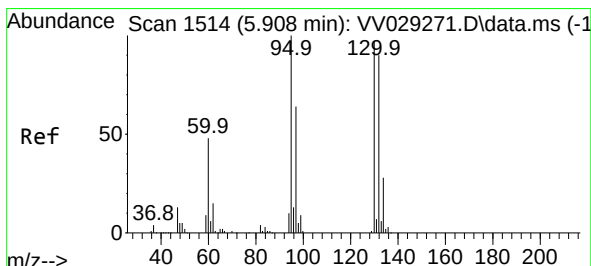
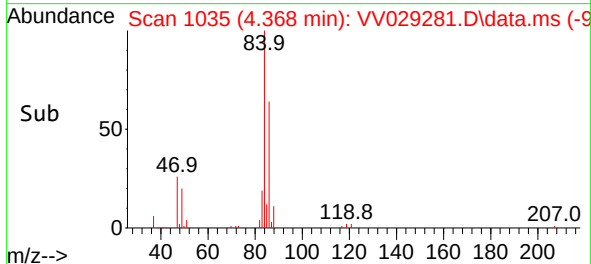
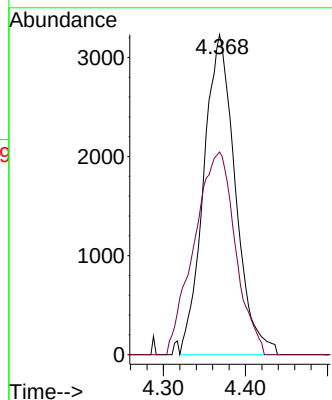
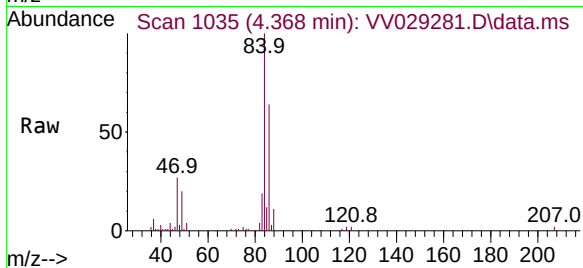
ClientSampleId :

Tgt Ion: 83 Resp: 8665

Ion Ratio Lower Upper

83 100

85 63.4 45.6 84.6



#34

Trichloroethene

Concen: 7.118 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.003 min

Lab File: VV029281.D

Acq: 22 Nov 2022 23:00

Tgt Ion: 95 Resp: 172958

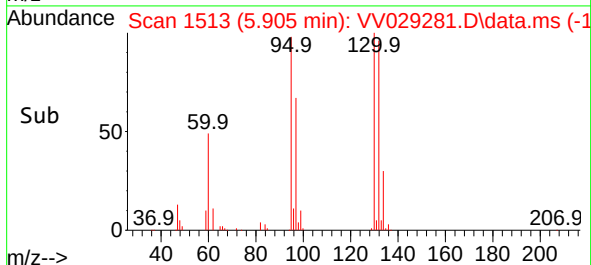
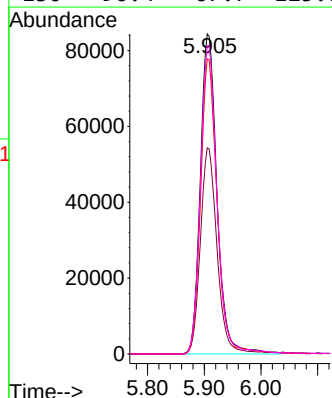
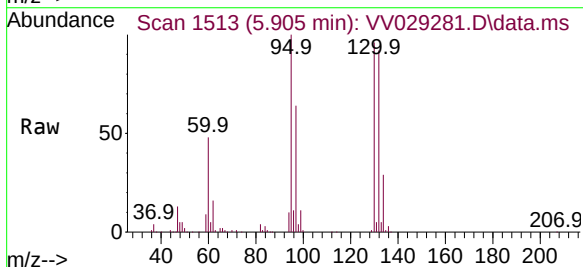
Ion Ratio Lower Upper

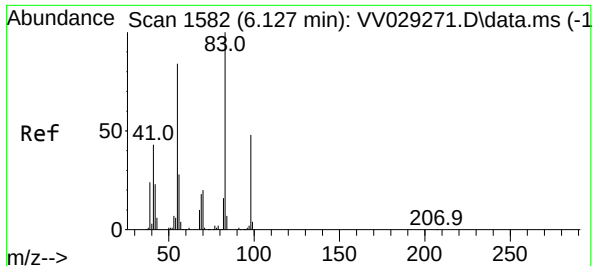
95 100

97 64.4 46.7 86.7

132 92.3 65.7 122.1

130 96.4 67.7 125.7

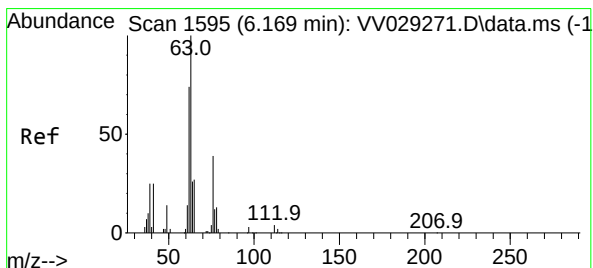
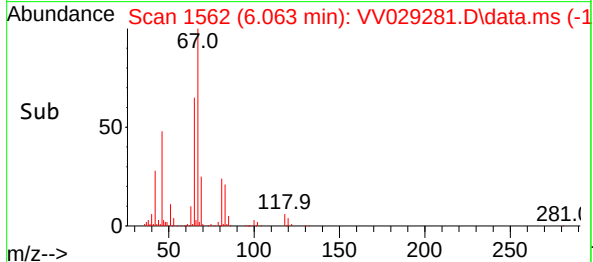
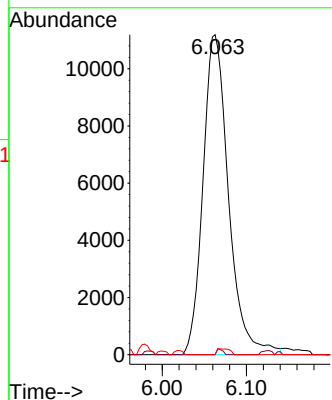
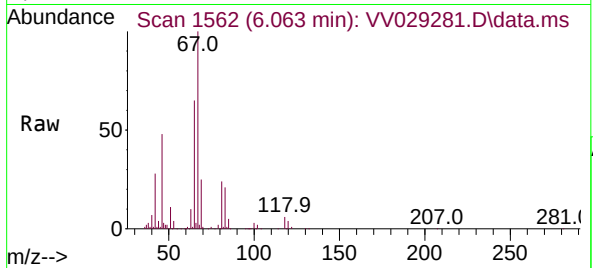




#35
Methylcyclohexane
Concen: 0.600 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

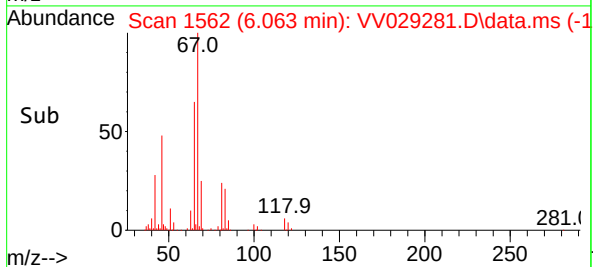
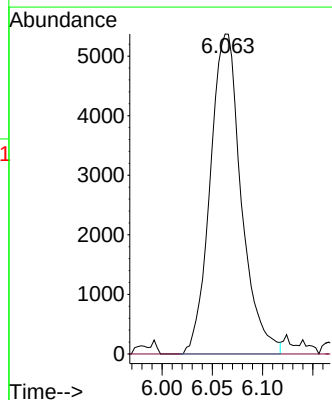
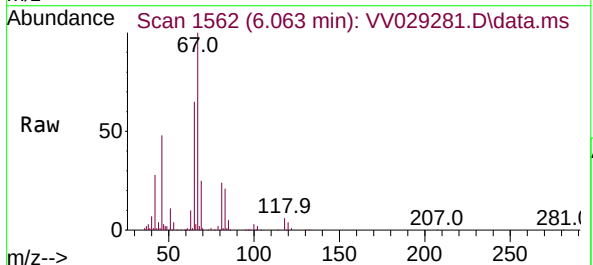
Instrument :
MSVOA_V
ClientSampleId :

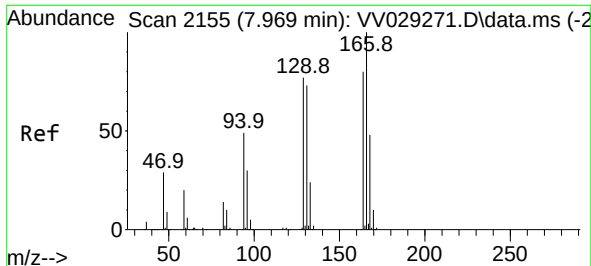
Tgt Ion: 83 Resp: 23578
Ion Ratio Lower Upper
83 100
55 0.4 65.7 98.5#
98 0.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.106 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

Tgt Ion: 63 Resp: 11557
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 0.560 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.003 min

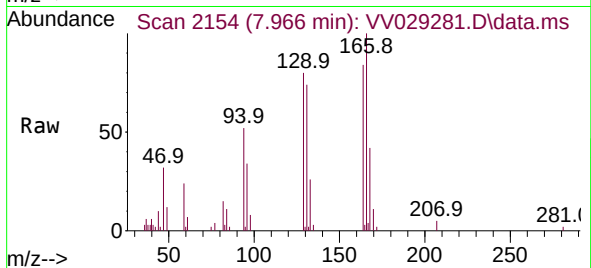
Lab File: VV029281.D

Acq: 22 Nov 2022 23:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 8940

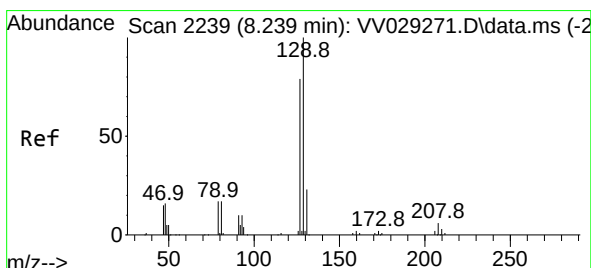
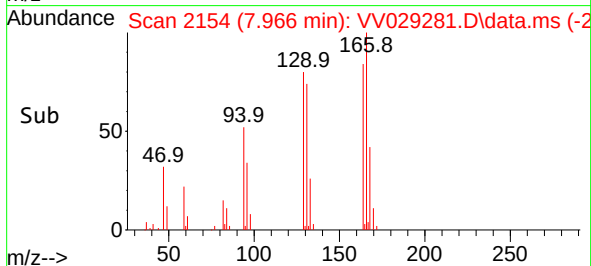
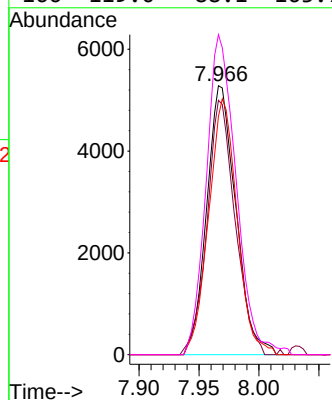
Ion Ratio Lower Upper

164 100

129 94.6 68.3 126.8

131 88.6 65.2 121.0

166 119.0 88.1 163.7



#49

Dibromochloromethane

Concen: 0.529 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.273 min

Lab File: VV029281.D

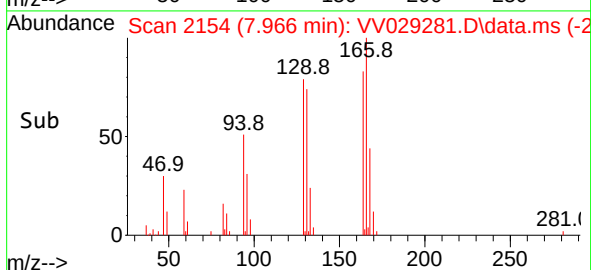
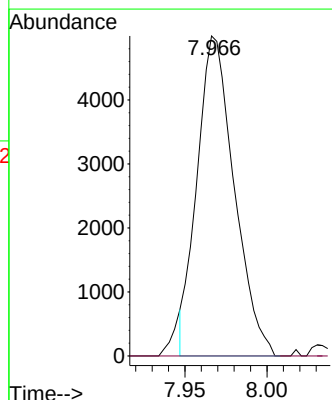
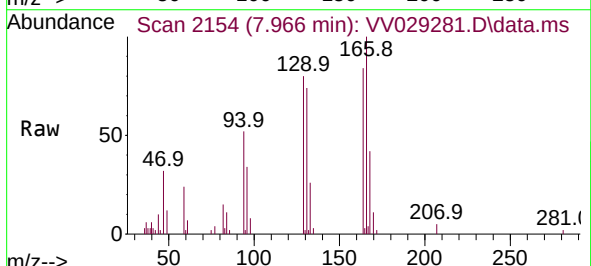
Acq: 22 Nov 2022 23:00

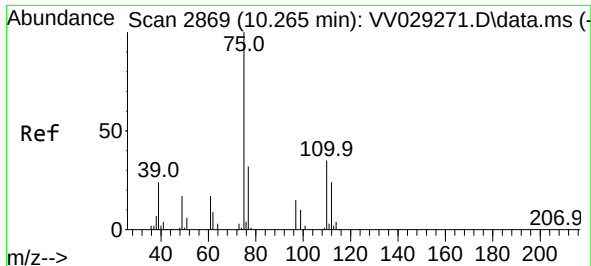
Tgt Ion:129 Resp: 7849

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#

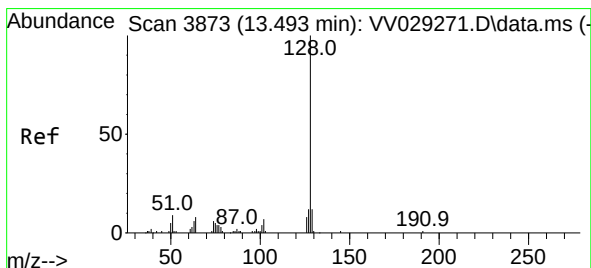
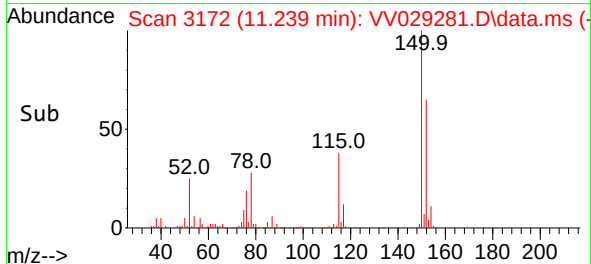
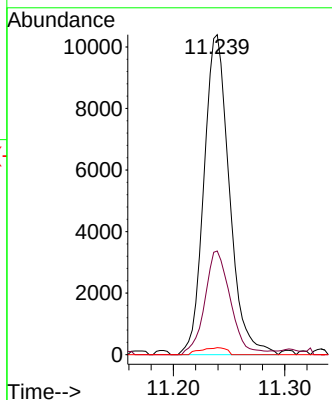
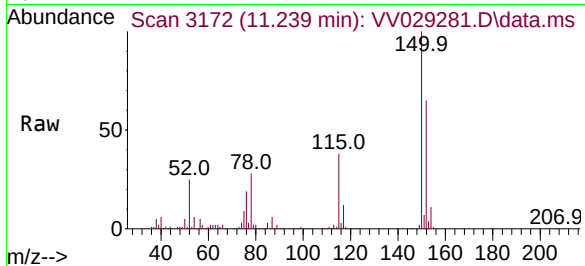




#61
1,2,3-Trichloropropane
Concen: 1.478 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 16497
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
110 2.2 29.6 44.4#



#71
Naphthalene
Concen: 0.053 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.007 min
Lab File: VV029281.D
Acq: 22 Nov 2022 23:00

Tgt Ion: 128 Resp: 453
Ion Ratio Lower Upper
128 100
129 0.0 8.4 12.6#
127 4.4 10.0 15.0#

