

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029275.D
 Acq On : 22 Nov 2022 20:33
 Operator : SY/MD
 Sample : N5648-02DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:46:09 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	304258	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	268075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	126192	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	96664	3.331	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.565	69	83764	3.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.101	63	124442	2.517	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.400%#
20) 2-Butanone-d5	3.915	46	228722	53.388	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.780%
24) Chloroform-d	4.339	84	161228	3.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
26) 1,2-Dichloroethane-d4	5.024	65	82648	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.043	84	334844	3.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.063	67	114411	4.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.307	98	273639	3.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	7.616	79	35097	3.817	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.088	63	105630	64.083	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.160%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	66401	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	95338	3.916	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.400%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	32012	0.955	ug/L	97
8) Chloroethane	1.307	64	11629	0.579	ug/L #	72
12) 1,1-Dichloroethene	2.108	96	2156	0.096	ug/L #	1
16) Methylene chloride	2.500	84	20074	0.568	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	67393	1.367	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	5552	0.243	ug/L	94
19) 1,1-Dichloroethane	3.182	63	4318	0.094	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	211126	8.481	ug/L	99
25) Chloroform	4.365	83	6821	0.156	ug/L	80
34) Trichloroethene	5.905	95	193575	7.536	ug/L	97
35) Methylcyclohexane	6.063	83	24874	0.599	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	12326	0.487	ug/L #	88
44) trans-1,3-Dichloropropene	7.612	75	1890	0.075	ug/L #	54
47) Tetrachloroethene	7.976	164	1364	0.081	ug/L	83
49) Dibromochloromethane	7.969	129	1268	0.081	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	17829	1.477	ug/L #	67
71) Naphthalene	13.497	128	2163	0.236	ug/L #	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112222\
Data File : VV029275.D
Acq On : 22 Nov 2022 20:33
Operator : SY/MD
Sample : N5648-02DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Nov 23 04:46:09 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

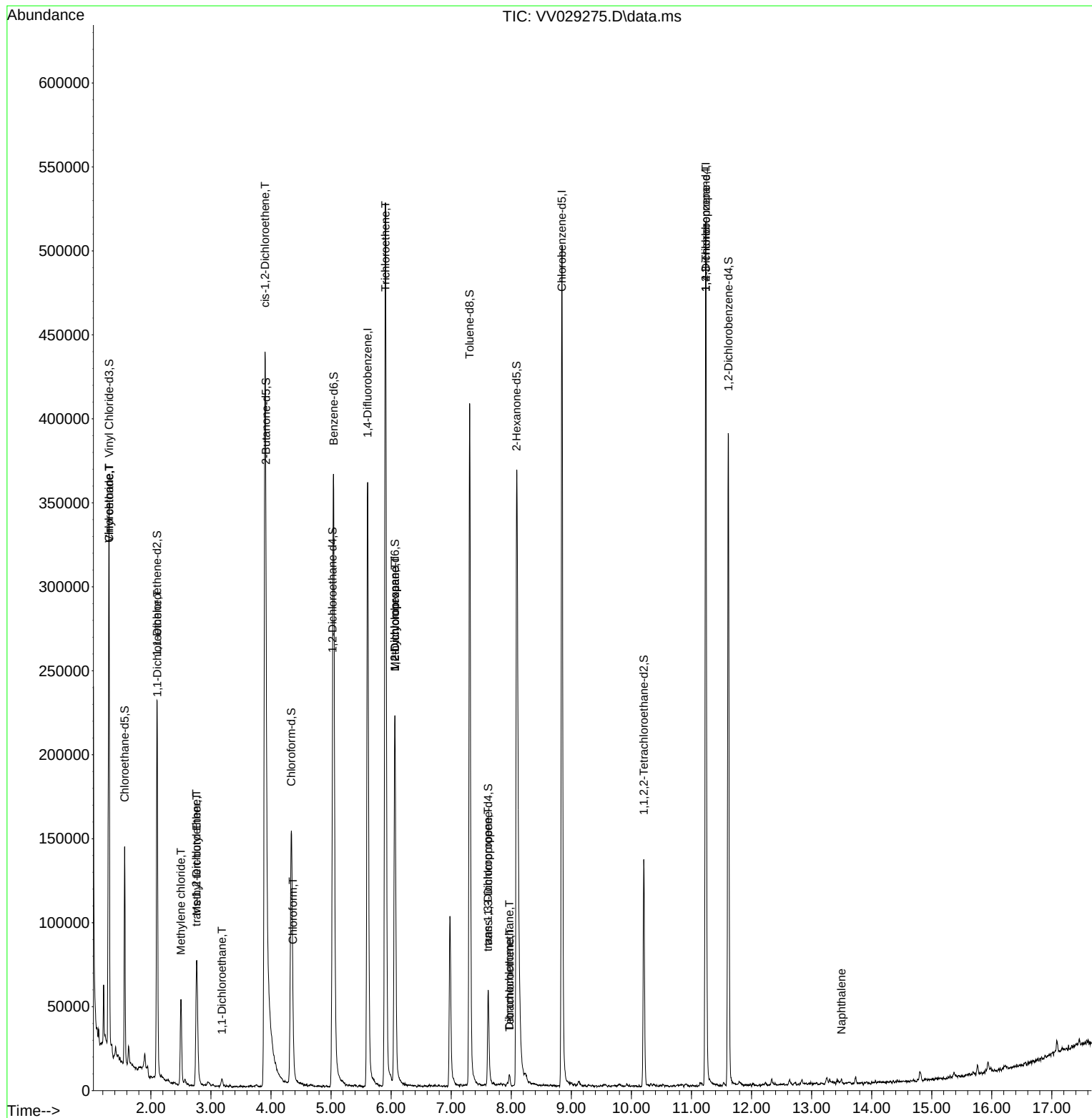
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

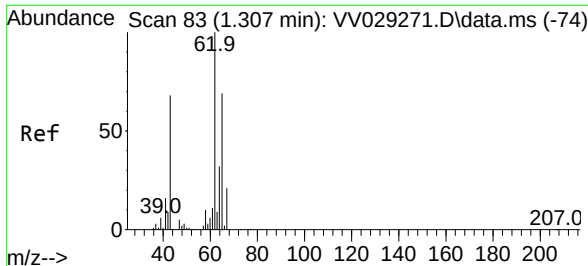
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112222\
Data File : VV029275.D
Acq On : 22 Nov 2022 20:33
Operator : SY/MD
Sample : N5648-02DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

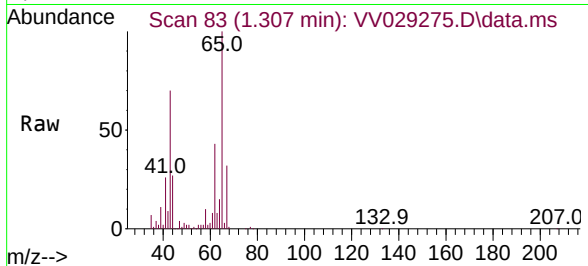
Quant Time: Nov 23 04:46:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 23 01:46:18 2022
Response via : Initial Calibration



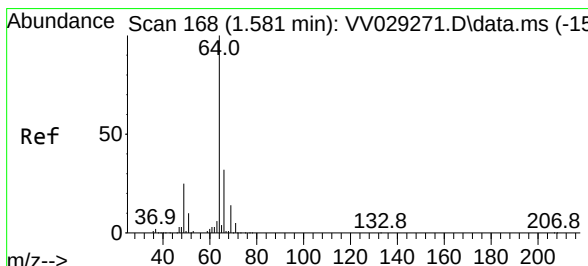
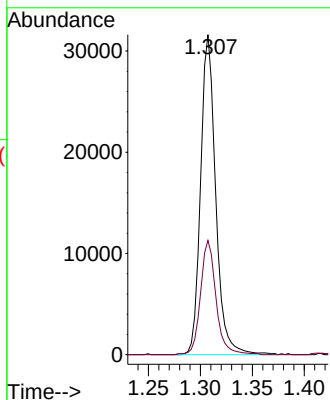
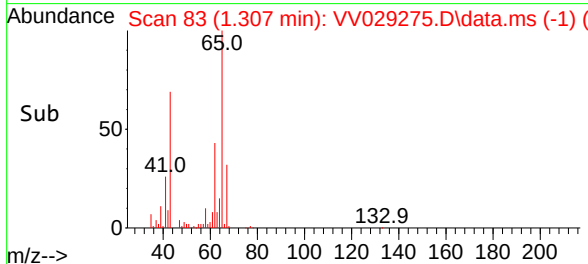


#5
 Vinyl chloride
 Concen: 0.955 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV029275.D
 Acq: 22 Nov 2022 20:33

Instrument :
 MSVOA_V
 ClientSampleId :

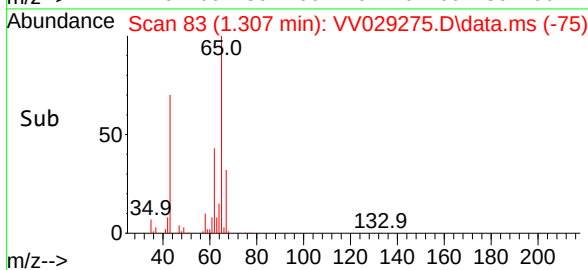
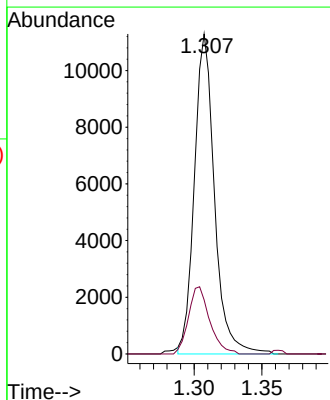
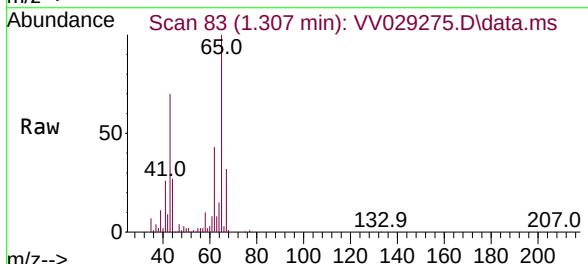


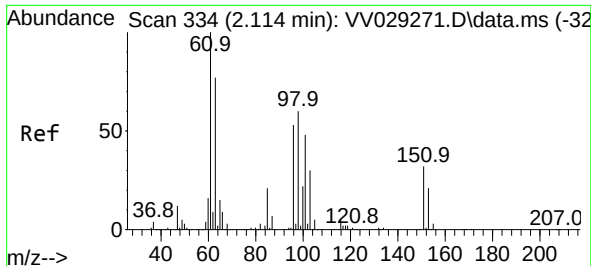
Tgt Ion: 62 Resp: 32012
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.8 44.2



#8
 Chloroethane
 Concen: 0.579 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.273 min
 Lab File: VV029275.D
 Acq: 22 Nov 2022 20:33

Tgt Ion: 64 Resp: 11629
 Ion Ratio Lower Upper
 64 100
 66 16.9 22.6 42.0#

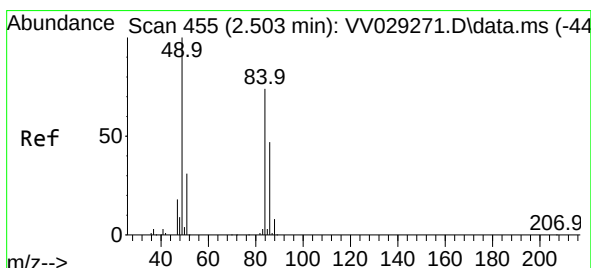
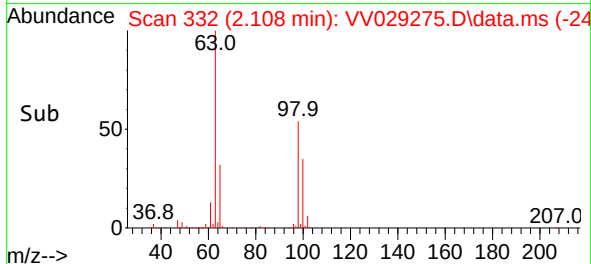
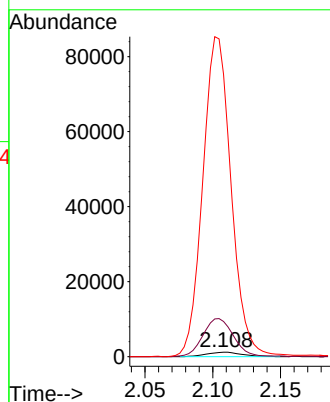
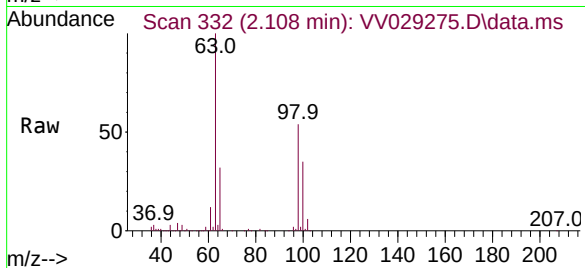




#12
1,1-Dichloroethene
Concen: 0.096 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV029275.D
Acq: 22 Nov 2022 20:33

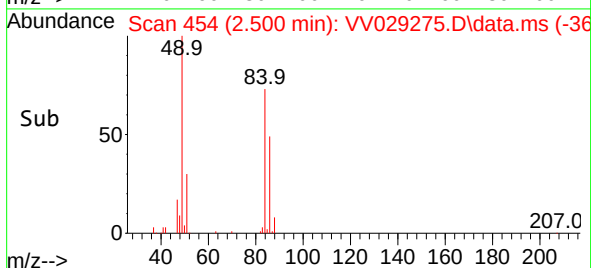
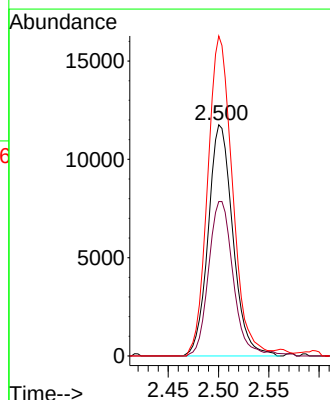
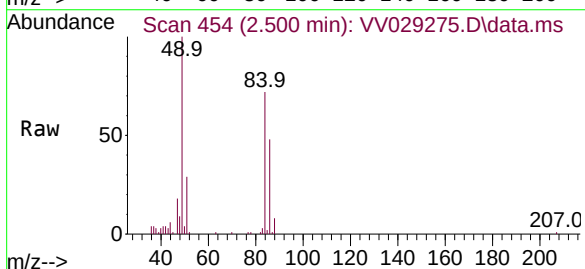
Instrument :
MSVOA_V
ClientSampleId :

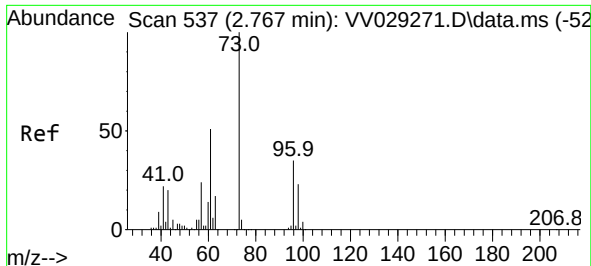
Tgt Ion: 96 Resp: 2156
Ion Ratio Lower Upper
96 100
61 779.8 131.9 245.0#
63 6239.5 98.6 183.0#



#16
Methylene chloride
Concen: 0.568 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV029275.D
Acq: 22 Nov 2022 20:33

Tgt Ion: 84 Resp: 20074
Ion Ratio Lower Upper
84 100
86 66.8 44.2 82.2
49 138.4 91.9 170.7





#17

Methyl tert-butyl Ether

Concen: 1.367 ug/L

RT: 2.764 min Scan# 51

Delta R.T. -0.003 min

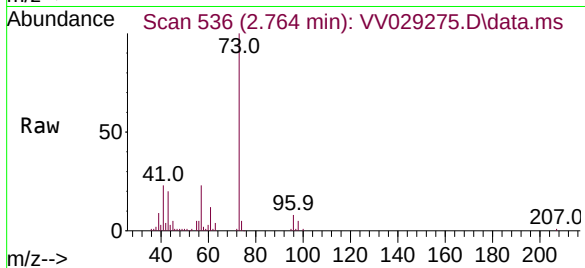
Lab File: VV029275.D

Acq: 22 Nov 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :



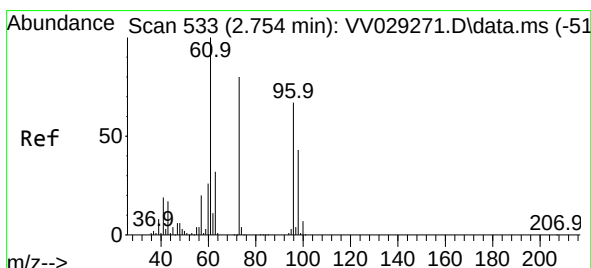
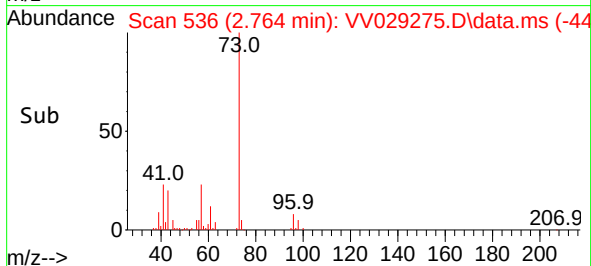
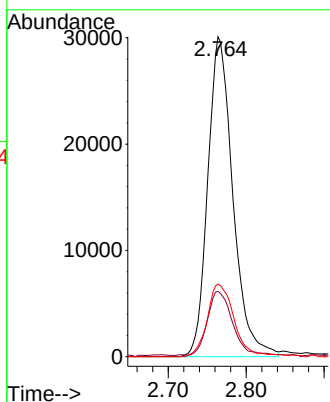
Tgt Ion: 73 Resp: 67393

Ion Ratio Lower Upper

73 100

43 19.6 15.4 23.2

57 24.3 18.9 28.3



#18

trans-1,2-Dichloroethene

Concen: 0.243 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.003 min

Lab File: VV029275.D

Acq: 22 Nov 2022 20:33

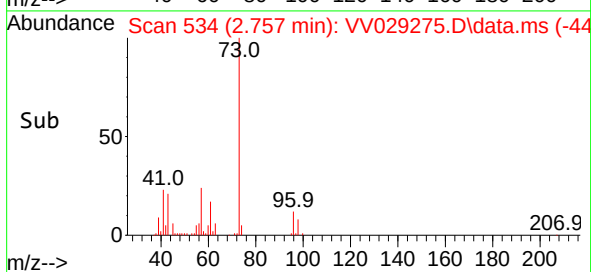
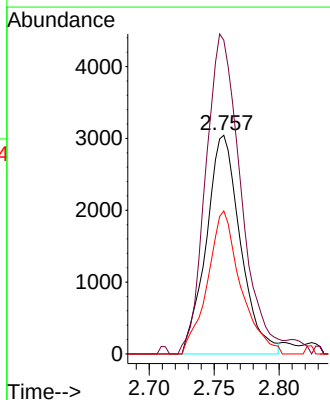
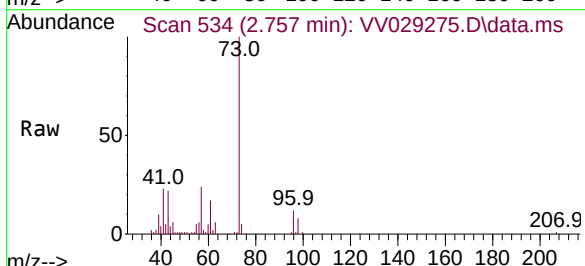
Tgt Ion: 96 Resp: 5552

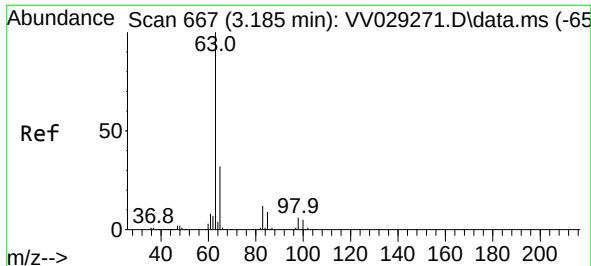
Ion Ratio Lower Upper

96 100

61 143.4 107.6 199.8

98 65.4 44.3 82.3





#19

1,1-Dichloroethane

Concen: 0.094 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV029275.D

Acq: 22 Nov 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

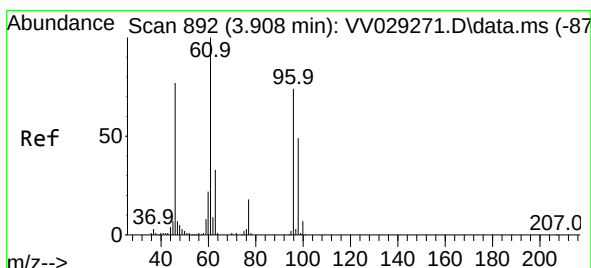
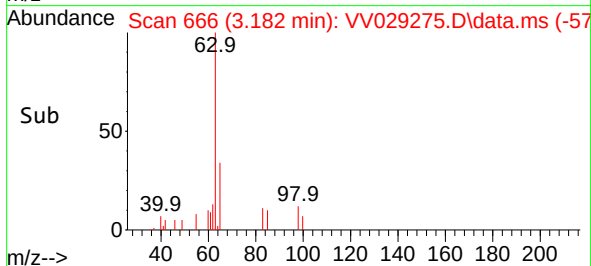
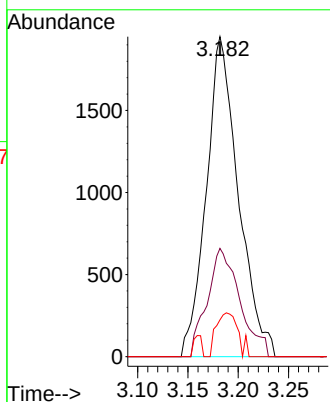
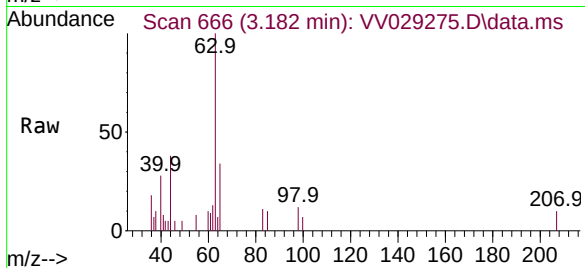
Tgt Ion: 63 Resp: 4318

Ion Ratio Lower Upper

63 100

65 33.8 22.1 41.1

83 11.5 9.0 16.8



#22

cis-1,2-Dichloroethene

Concen: 8.481 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.006 min

Lab File: VV029275.D

Acq: 22 Nov 2022 20:33

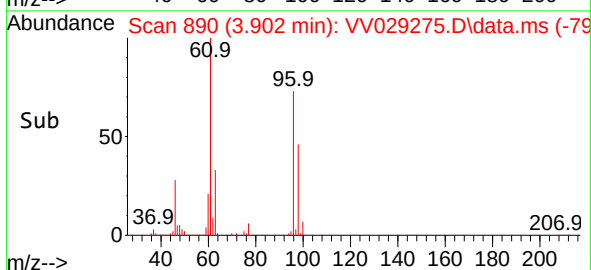
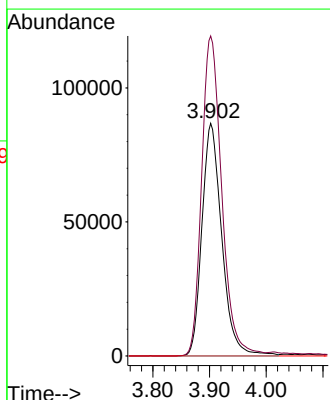
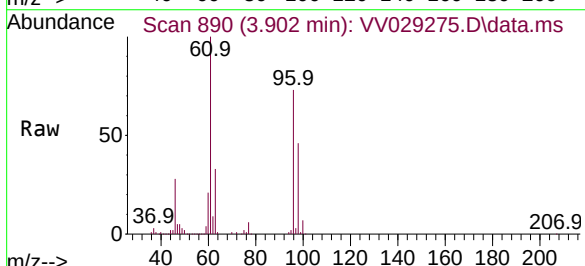
Tgt Ion: 96 Resp: 211126

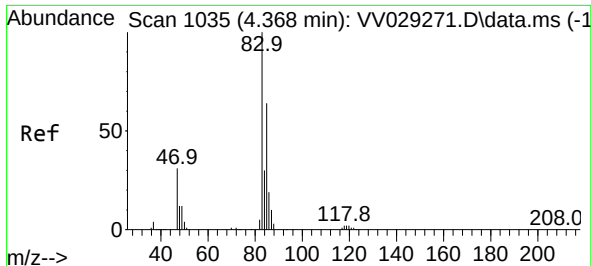
Ion Ratio Lower Upper

96 100

61 137.5 95.8 178.0

68 0.0 0.0 0.0

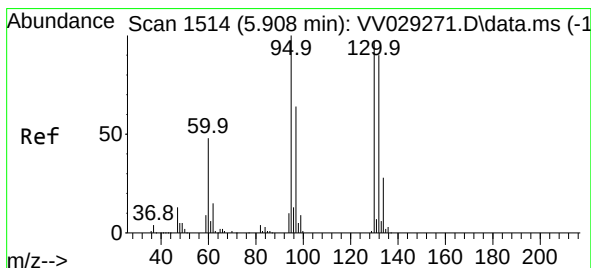
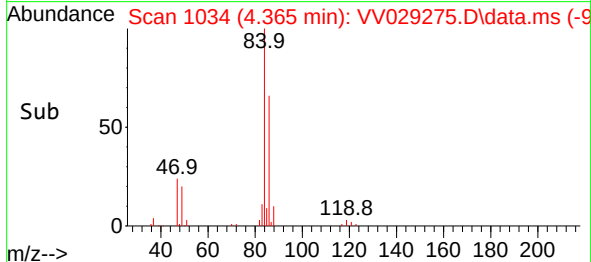
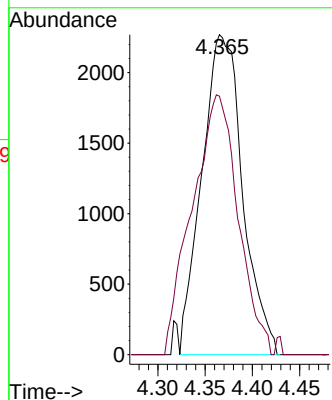
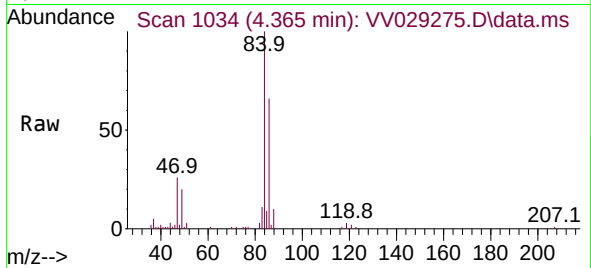




#25
Chloroform
Concen: 0.156 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV029275.D
Acq: 22 Nov 2022 20:33

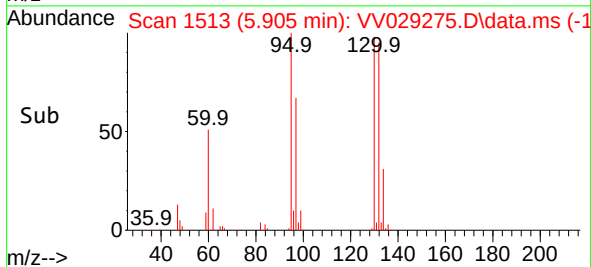
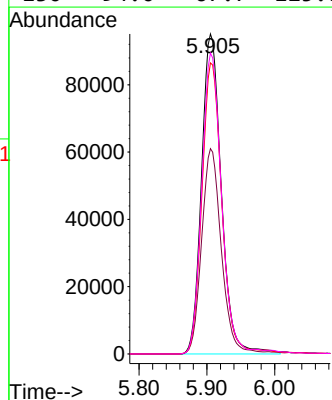
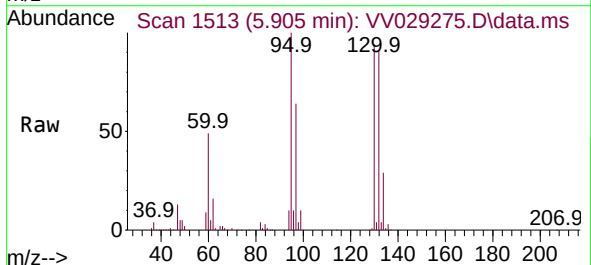
Instrument :
MSVOA_V
ClientSampleId :

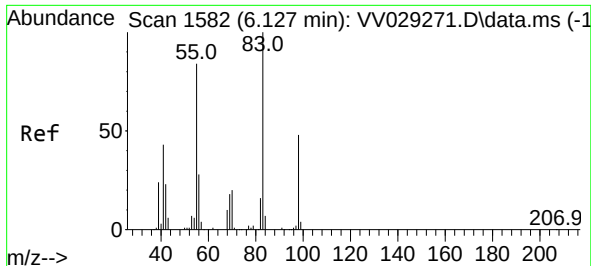
Tgt Ion: 83 Resp: 6821
Ion Ratio Lower Upper
83 100
85 80.8 45.6 84.6



#34
Trichloroethene
Concen: 7.536 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV029275.D
Acq: 22 Nov 2022 20:33

Tgt Ion: 95 Resp: 193575
Ion Ratio Lower Upper
95 100
97 64.2 46.7 86.7
132 90.9 65.7 122.1
130 94.0 67.7 125.7

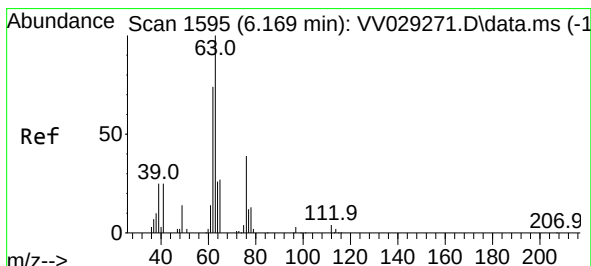
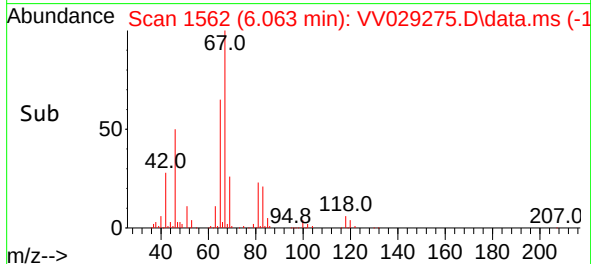
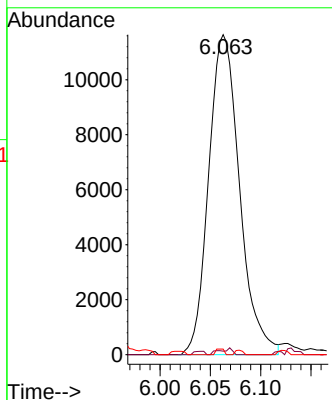
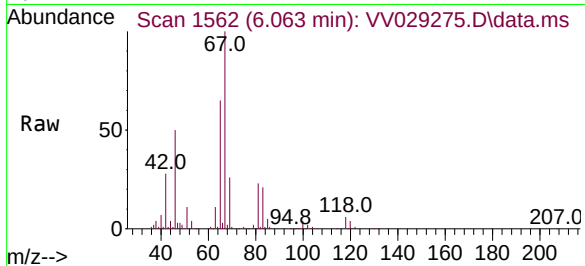




#35
Methylcyclohexane
Concen: 0.599 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV029275.D
Acq: 22 Nov 2022 20:33

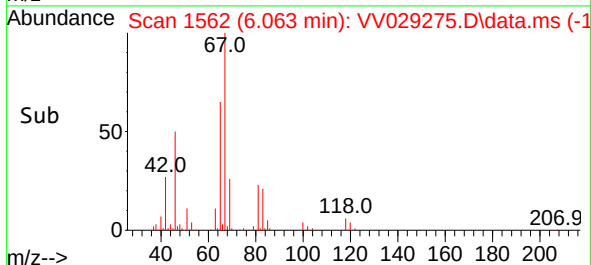
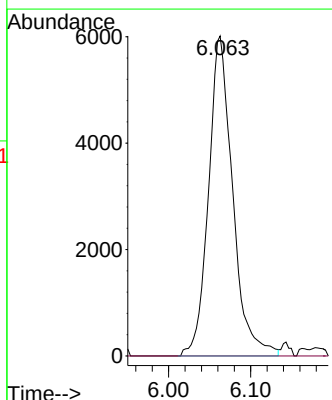
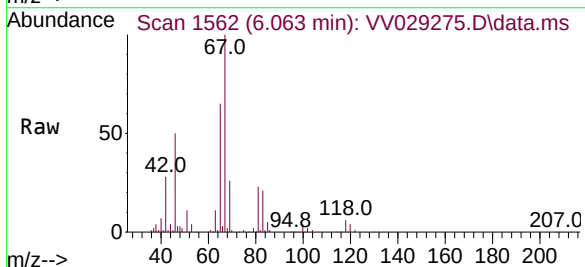
Instrument :
MSVOA_V
ClientSampleId :

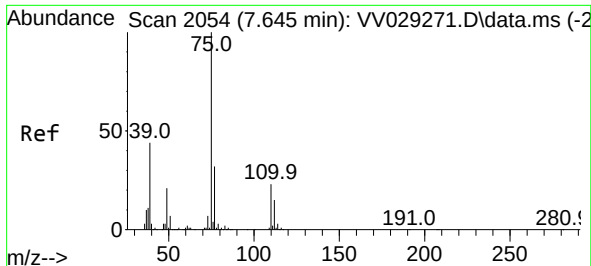
Tgt Ion: 83 Resp: 24874
Ion Ratio Lower Upper
83 100
55 0.4 65.7 98.5#
98 0.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.106 min
Lab File: VV029275.D
Acq: 22 Nov 2022 20:33

Tgt Ion: 63 Resp: 12326
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

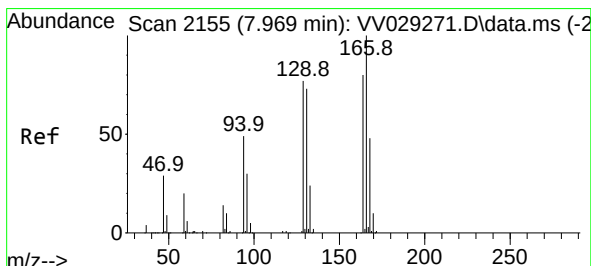
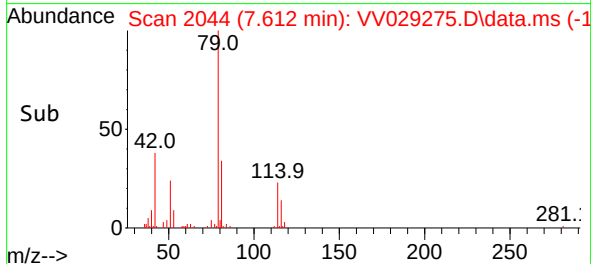
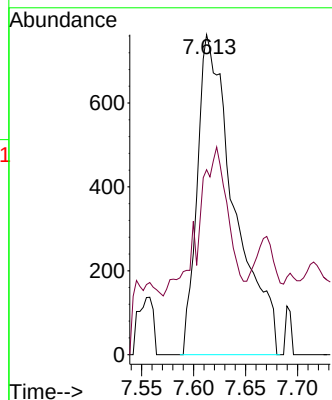
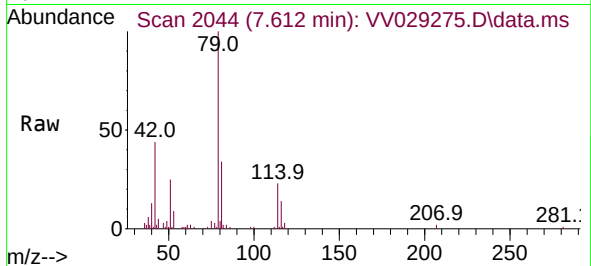




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.612 min Scan# 2054
Delta R.T. -0.032 min
Lab File: VV029275.D
Acq: 22 Nov 2022 20:33

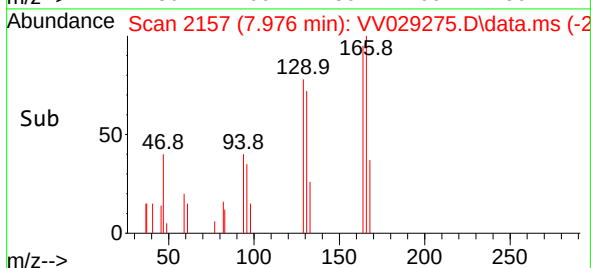
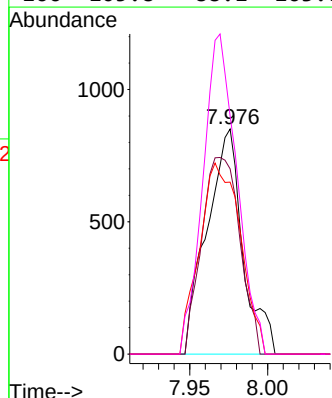
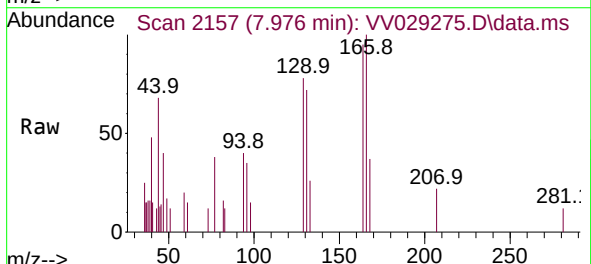
Instrument :
MSVOA_V
ClientSampleId :

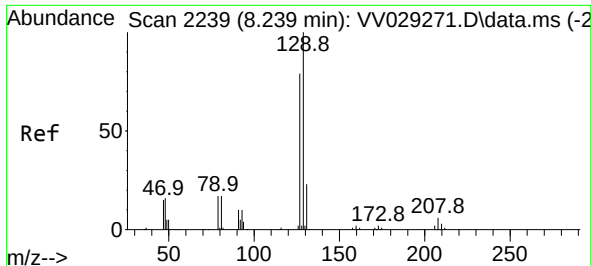
Tgt Ion: 75 Resp: 1890
Ion Ratio Lower Upper
75 100
77 57.8 22.4 41.6#



#47
Tetrachloroethene
Concen: 0.081 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.007 min
Lab File: VV029275.D
Acq: 22 Nov 2022 20:33

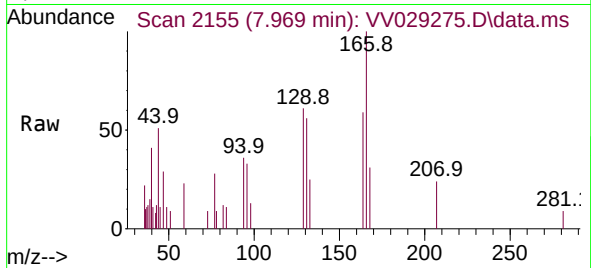
Tgt Ion:164 Resp: 1364
Ion Ratio Lower Upper
164 100
129 82.3 68.3 126.8
131 76.4 65.2 121.0
166 105.8 88.1 163.7



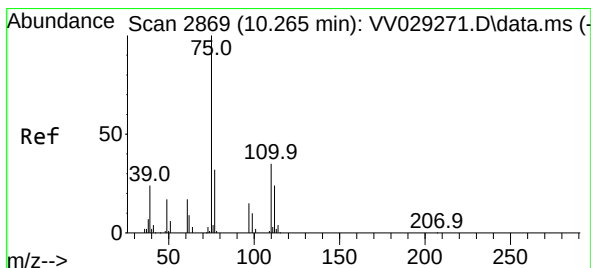
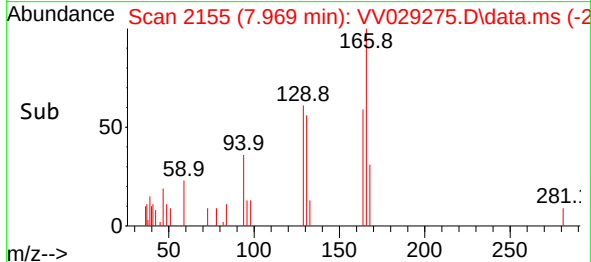
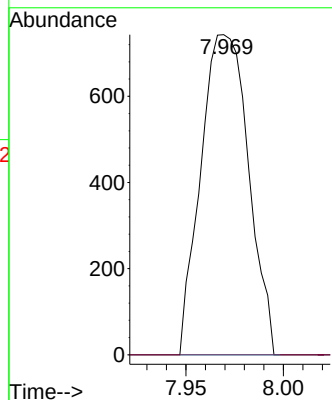


#49
Dibromochloromethane
Concen: 0.081 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.270 min
Lab File: VV029275.D
Acq: 22 Nov 2022 20:33

Instrument :
MSVOA_V
ClientSampleId :

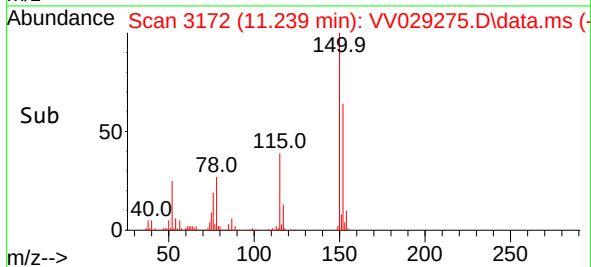
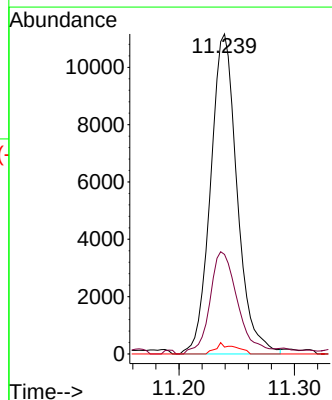
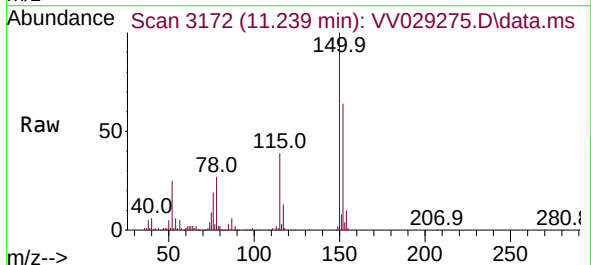


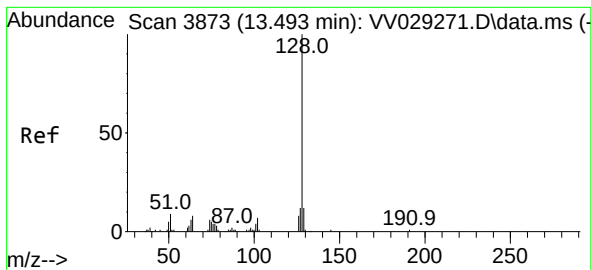
Tgt Ion:129 Resp: 1268
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#



#61
1,2,3-Trichloropropane
Concen: 1.477 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029275.D
Acq: 22 Nov 2022 20:33

Tgt Ion: 75 Resp: 17829
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0
110 2.5 29.6 44.4#





#71

Naphthalene

Concen: 0.236 ug/L

RT: 13.497 min Scan# 3873

Delta R.T. 0.003 min

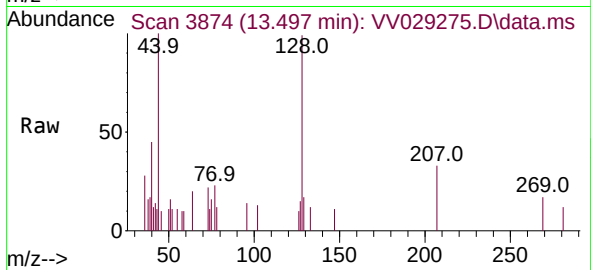
Lab File: VV029275.D

Acq: 22 Nov 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	128	Resp:	2163
Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.4	12.6
127	8.0	10.0	15.0#

