

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028246.D
 Acq On : 30 Sep 2022 23:43
 Operator : SY/MD
 Sample : N4866-02DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFP8DL

Quant Time: Oct 01 02:18:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

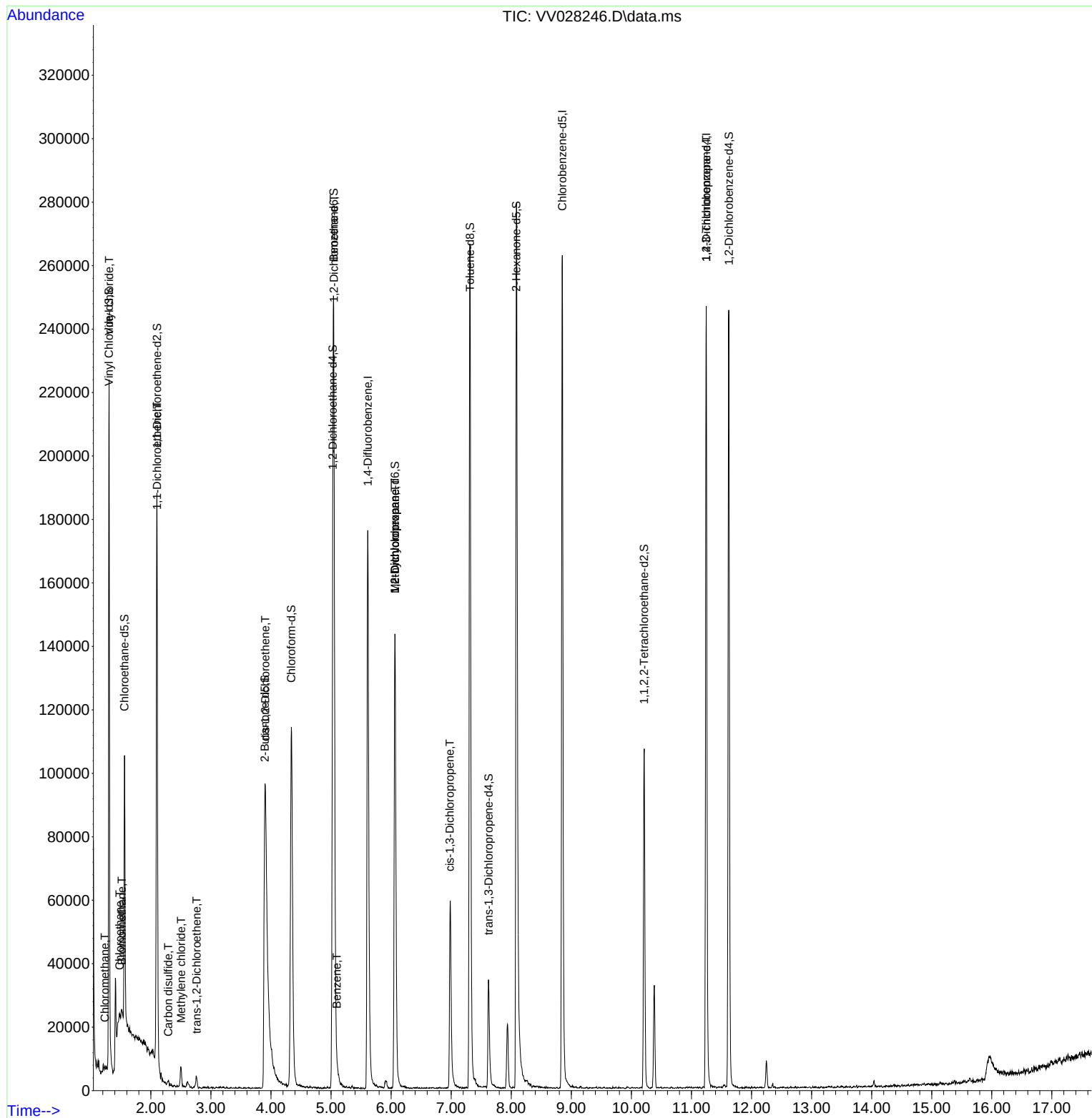
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	165154	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	159702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71852	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	62439	3.647	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.561	69	54689	4.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.101	63	90873	3.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.896	46	120202	41.584	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.160%
24) Chloroform-d	4.339	84	124492	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.027	65	58261	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.043	84	239392	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.066	67	74867	4.586	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.313	98	192219	4.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.622	79	21930	3.719	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.085	63	109195	44.367	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52604	4.714	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	70079	4.972	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	723	0.044	ug/L	89
5) Vinyl chloride	1.304	62	85961	6.712	ug/L	99
6) Bromomethane	1.516	94	741	0.089	ug/L	85
8) Chloroethane	1.481	64	3135	0.365	ug/L #	52
12) 1,1-Dichloroethene	2.105	96	940	0.082	ug/L #	1
14) Carbon disulfide	2.288	76	1632	0.075	ug/L #	74
16) Methylene chloride	2.503	84	2710	0.213	ug/L	87
18) trans-1,2-Dichloroethene	2.764	96	1550	0.155	ug/L	71
22) cis-1,2-Dichloroethene	3.905	96	16002	1.221	ug/L	99
27) 1,2-Dichloroethane	5.047	62	1165	0.093	ug/L #	76
33) Benzene	5.095	78	2028	0.046	ug/L	100
35) Methylcyclohexane	6.066	83	17386	1.148	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	7328	0.589	ug/L #	87
39) cis-1,3-Dichloropropene	6.979	75	1447	0.094	ug/L #	52
61) 1,2,3-Trichloropropane	11.246	75	7255	1.204	ug/L #	65

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

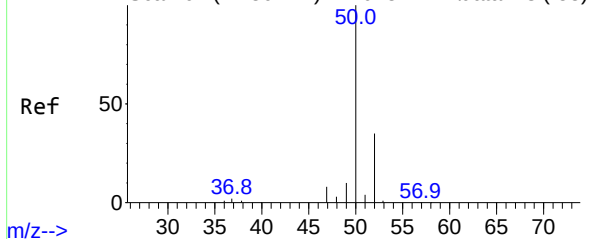
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration



Abundance Scan 61 (1.236 min): VV028241.D\data.ms (-53)



#3

Chloromethane

Concen: 0.044 ug/L

RT: 1.233 min Scan# 60

Delta R.T. -0.003 min

Lab File: VV028246.D

Acq: 30 Sep 2022 23:43

Instrument :

MSVOA_V

ClientSampleId :

EXFP8DL

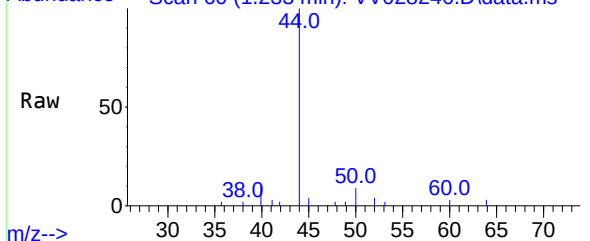
Tgt Ion: 50 Resp: 723

Ion Ratio Lower Upper

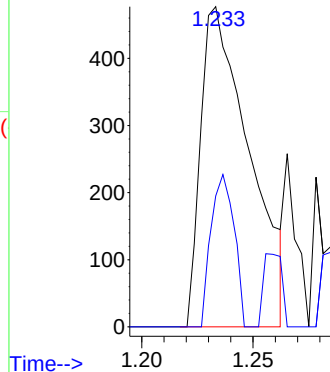
50 100

52 40.9 24.4 45.2

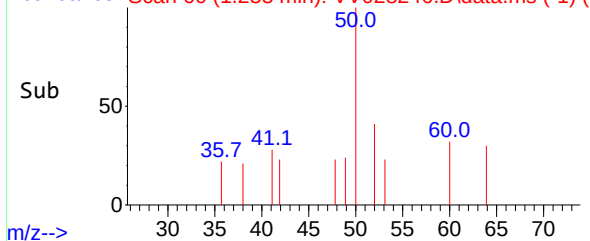
Abundance Scan 60 (1.233 min): VV028246.D\data.ms



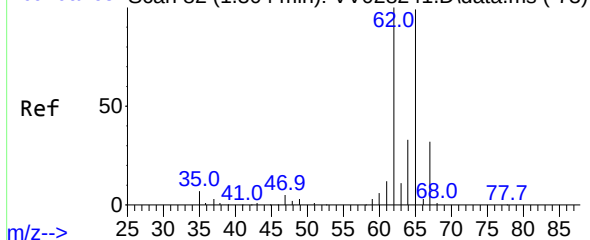
Abundance



Abundance Scan 60 (1.233 min): VV028246.D\data.ms (-1) (



Abundance Scan 82 (1.304 min): VV028241.D\data.ms (-73)



#5

Vinyl chloride

Concen: 6.712 ug/L

RT: 1.304 min Scan# 82

Delta R.T. -0.000 min

Lab File: VV028246.D

Acq: 30 Sep 2022 23:43

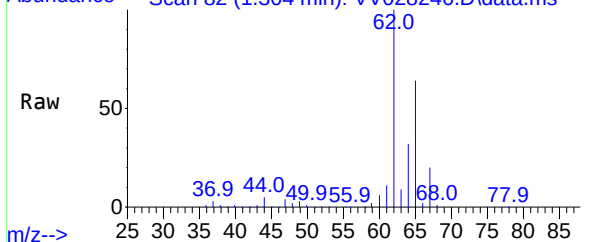
Tgt Ion: 62 Resp: 85961

Ion Ratio Lower Upper

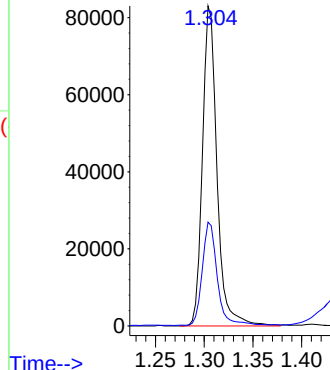
62 100

64 32.5 23.0 42.8

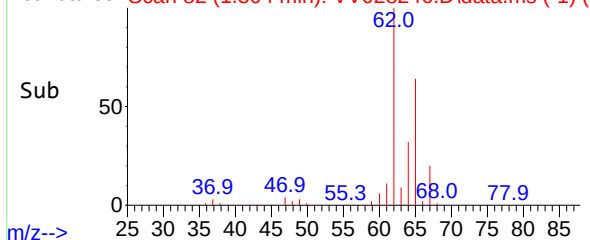
Abundance Scan 82 (1.304 min): VV028246.D\data.ms

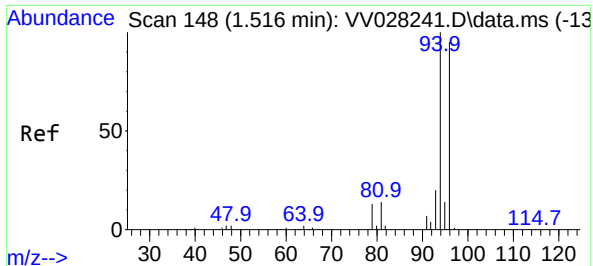


Abundance



Abundance Scan 82 (1.304 min): VV028246.D\data.ms (-1) (

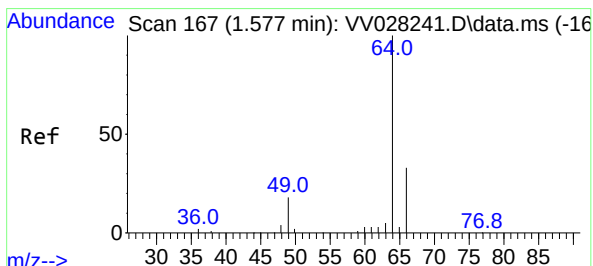
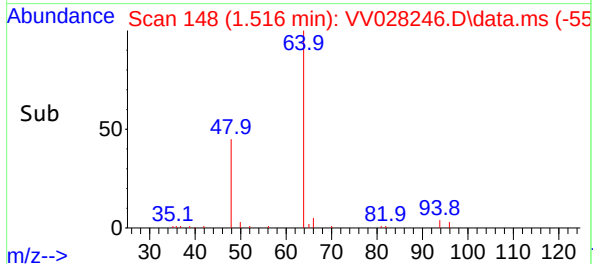
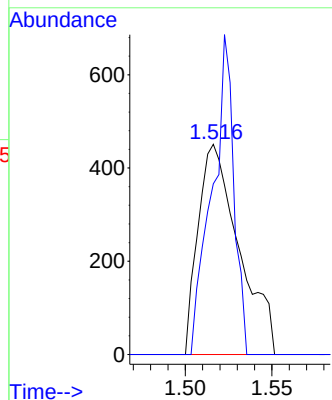
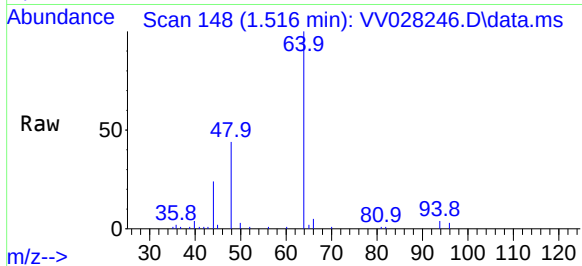




#6
Bromomethane
Concen: 0.089 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV028246.D
Acq: 30 Sep 2022 23:43

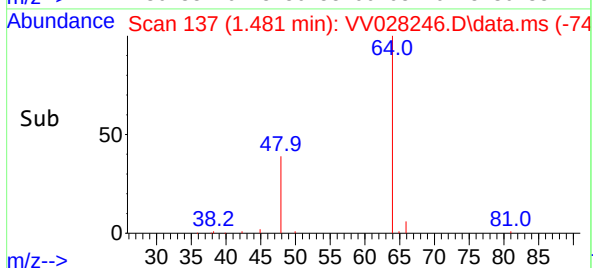
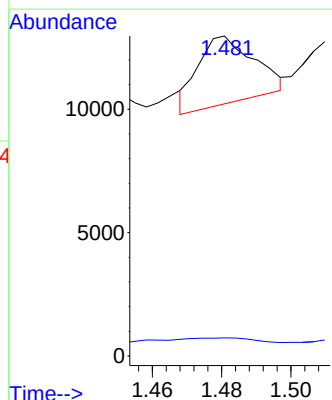
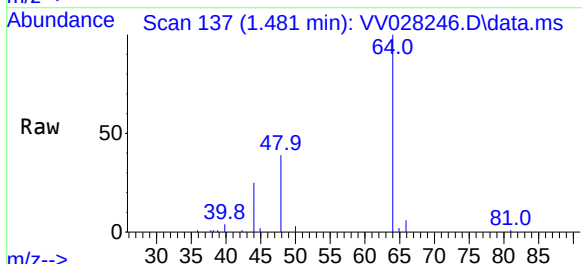
Instrument :
MSVOA_V
ClientSampleId :
EXFP8DL

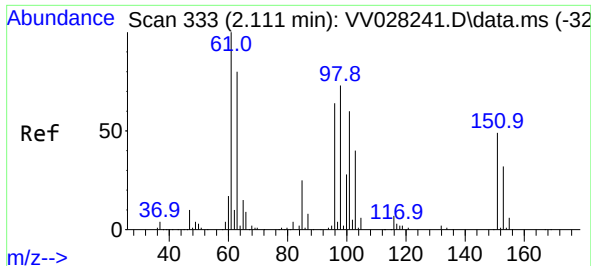
Tgt Ion: 94 Resp: 741
Ion Ratio Lower Upper
94 100
96 81.2 66.7 123.9



#8
Chloroethane
Concen: 0.365 ug/L
RT: 1.481 min Scan# 137
Delta R.T. -0.097 min
Lab File: VV028246.D
Acq: 30 Sep 2022 23:43

Tgt Ion: 64 Resp: 3135
Ion Ratio Lower Upper
64 100
66 5.6 23.0 42.8#





#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV028246.D

Acq: 30 Sep 2022 23:43

Instrument :

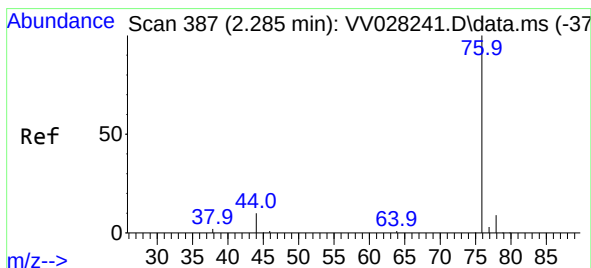
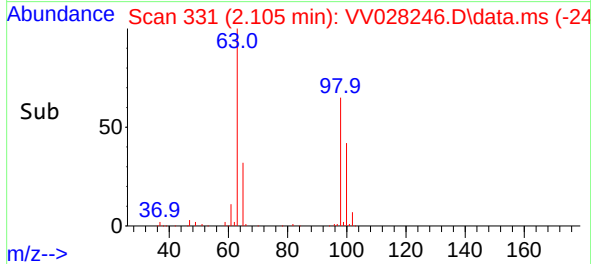
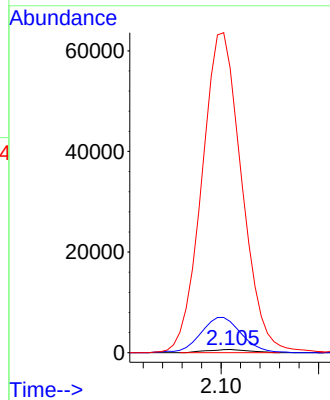
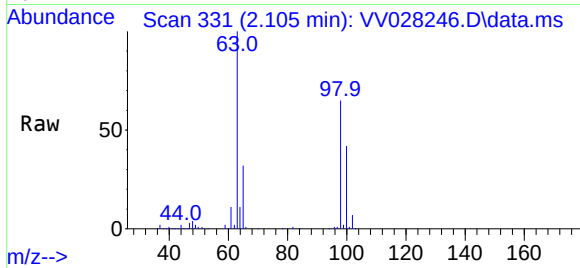
MSVOA_V

ClientSampleId :

EXFP8DL

Tgt Ion: 96 Resp: 940

Ion	Ratio	Lower	Upper
96	100		
61	993.6	128.3	238.3#
63	9058.6	112.7	209.3#



#14

Carbon disulfide

Concen: 0.075 ug/L

RT: 2.288 min Scan# 388

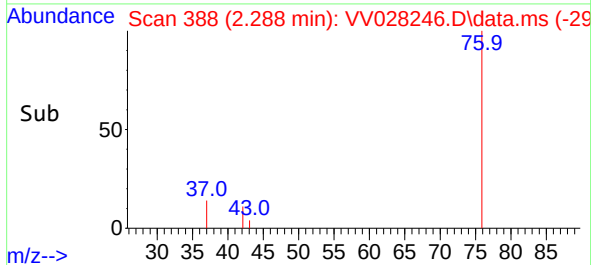
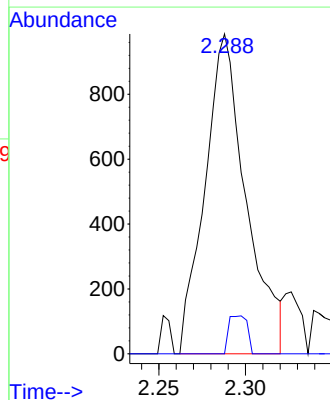
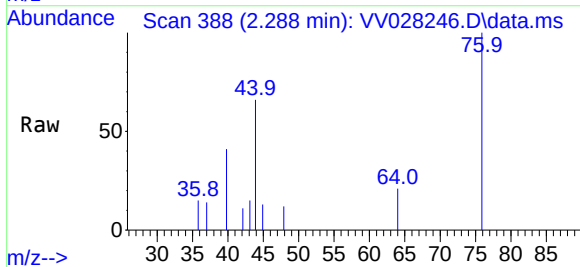
Delta R.T. 0.003 min

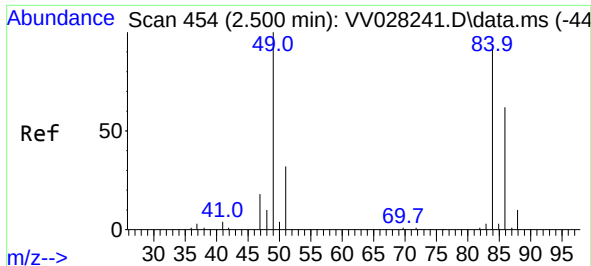
Lab File: VV028246.D

Acq: 30 Sep 2022 23:43

Tgt Ion: 76 Resp: 1632

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#

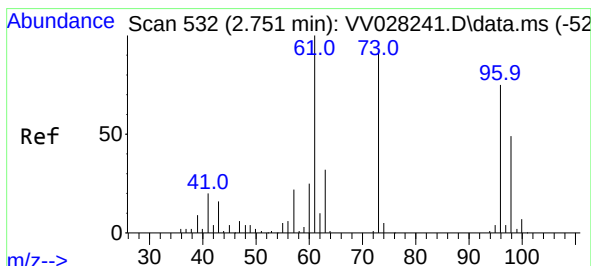
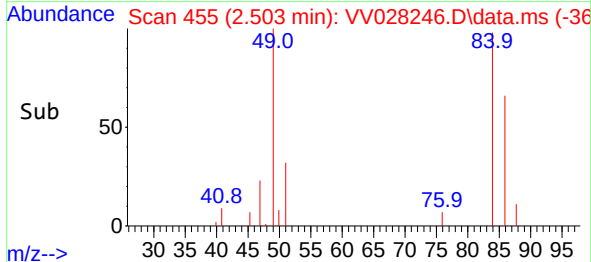
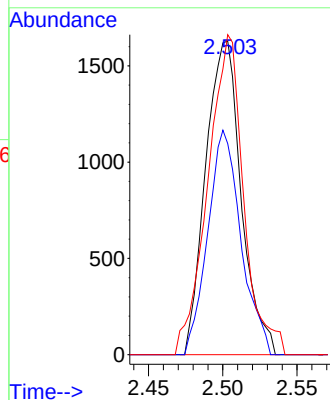
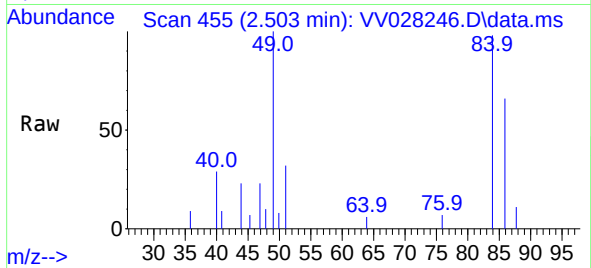




#16
Methylene chloride
Concen: 0.213 ug/L
RT: 2.503 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV028246.D
Acq: 30 Sep 2022 23:43

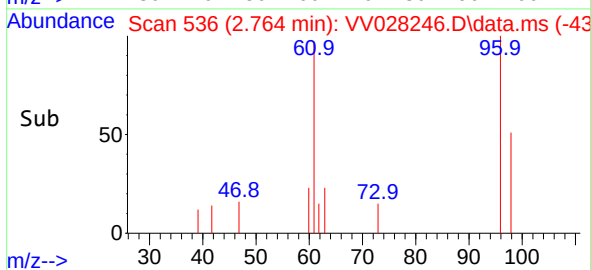
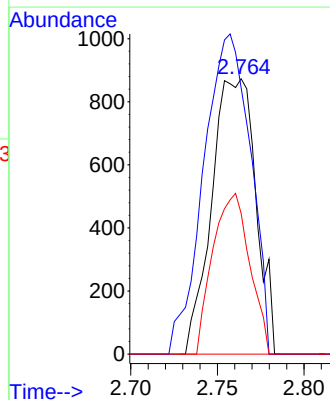
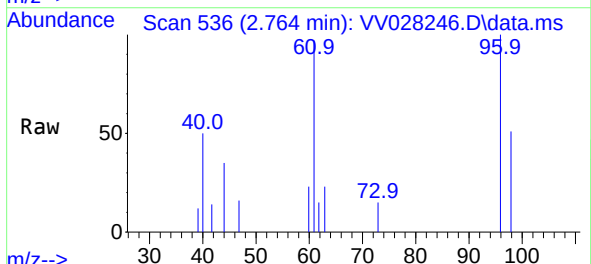
Instrument :
MSVOA_V
ClientSampleId :
EXFP8DL

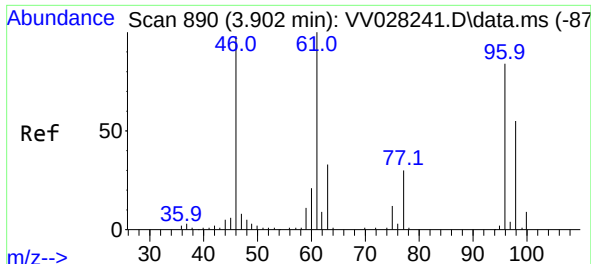
Tgt Ion: 84 Resp: 2710
Ion Ratio Lower Upper
84 100
86 67.3 46.8 86.8
49 102.0 87.5 162.5



#18
trans-1,2-Dichloroethene
Concen: 0.155 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.013 min
Lab File: VV028246.D
Acq: 30 Sep 2022 23:43

Tgt Ion: 96 Resp: 1550
Ion Ratio Lower Upper
96 100
61 96.7 96.2 178.6
98 51.1 45.7 84.9

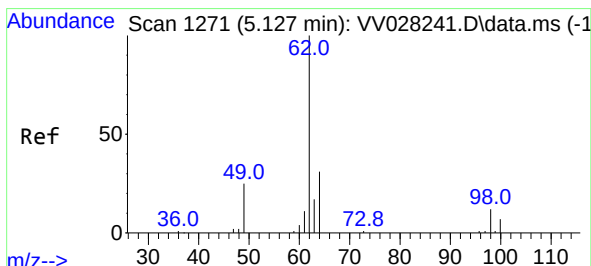
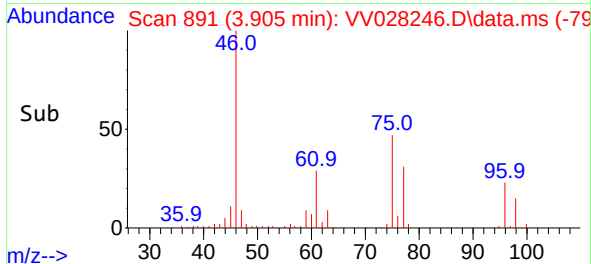
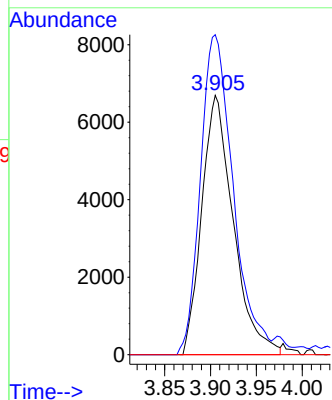
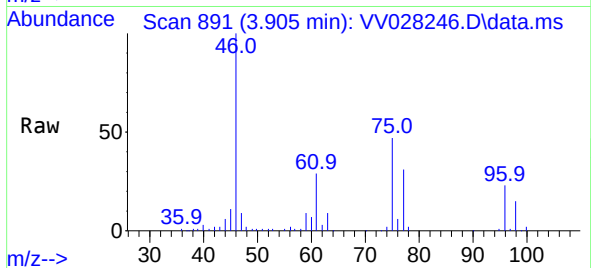




#22
cis-1,2-Dichloroethene
Concen: 1.221 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV028246.D
Acq: 30 Sep 2022 23:43

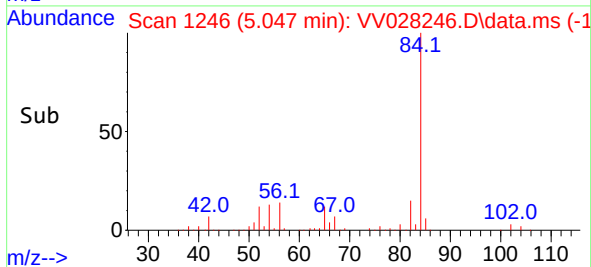
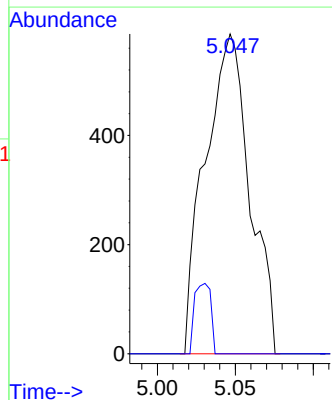
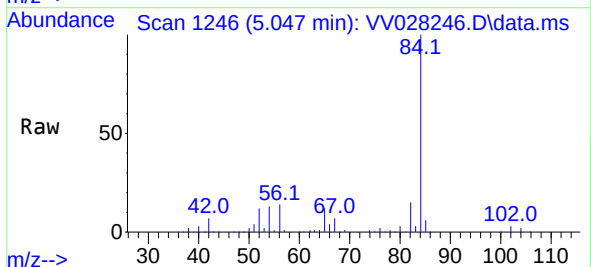
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EXFP8DL

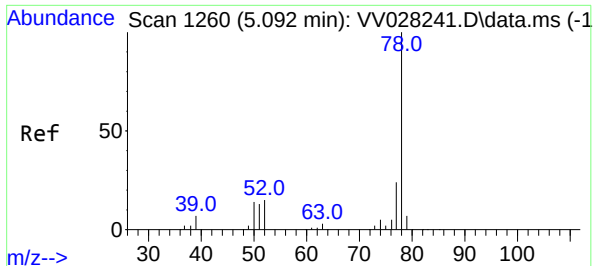
Tgt Ion: 96 Resp: 16002
Ion Ratio Lower Upper
96 100
61 123.3 87.2 161.9
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.093 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.077 min
Lab File: VV028246.D
Acq: 30 Sep 2022 23:43

Tgt Ion: 62 Resp: 1165
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#

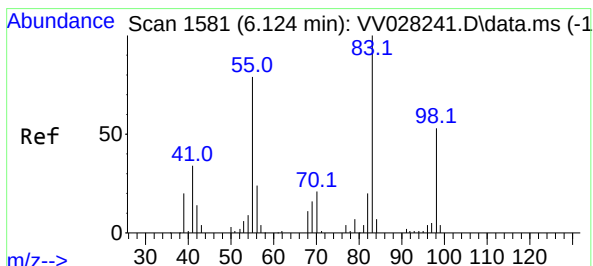
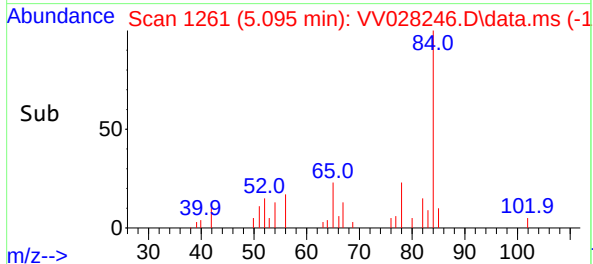
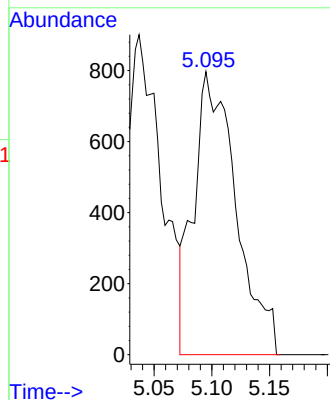
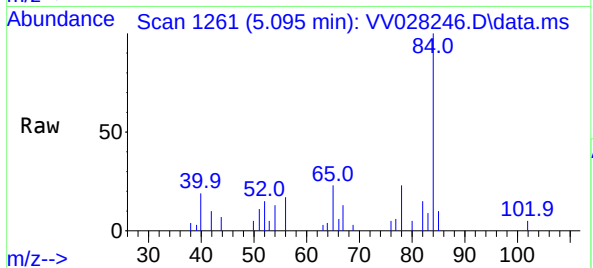




#33
Benzene
Concen: 0.046 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028246.D
Acq: 30 Sep 2022 23:43

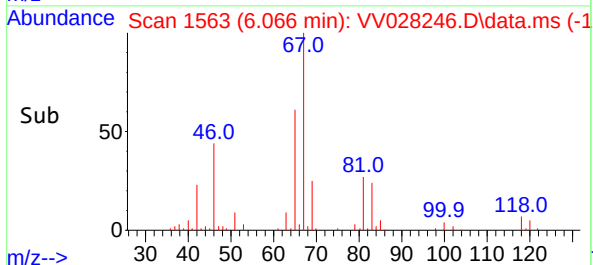
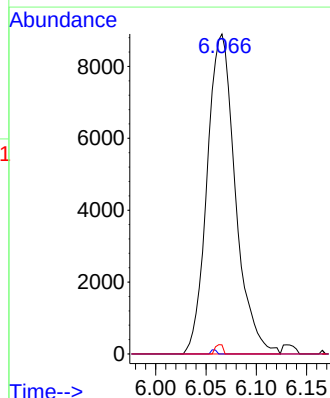
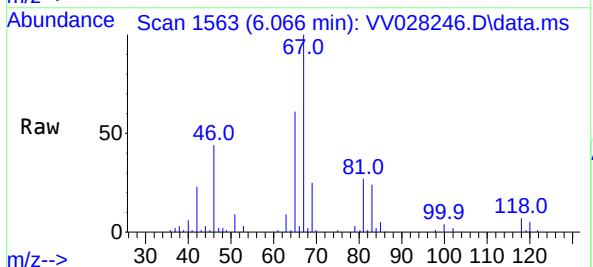
Instrument :
MSVOA_V
ClientSampleId :
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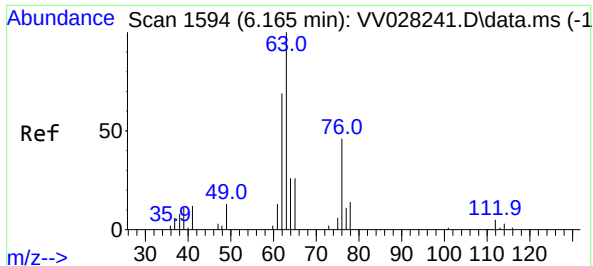
Tgt Ion: 78 Resp: 2028



#35
Methylcyclohexane
Concen: 1.148 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028246.D
Acq: 30 Sep 2022 23:43

Tgt Ion: 83 Resp: 17386
Ion Ratio Lower Upper
83 100
55 0.2 64.7 97.1#
98 0.8 39.5 59.3#

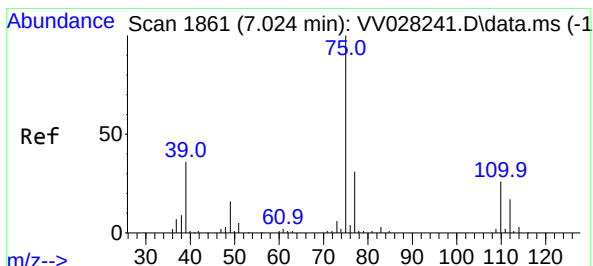
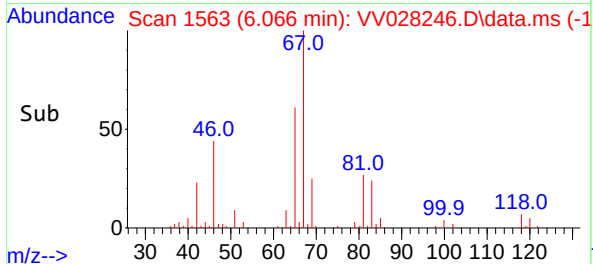
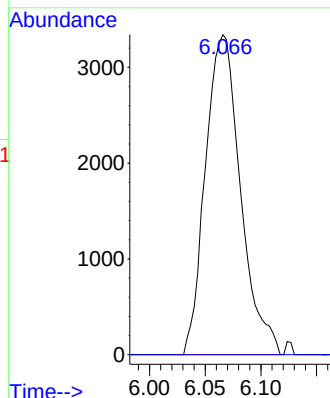
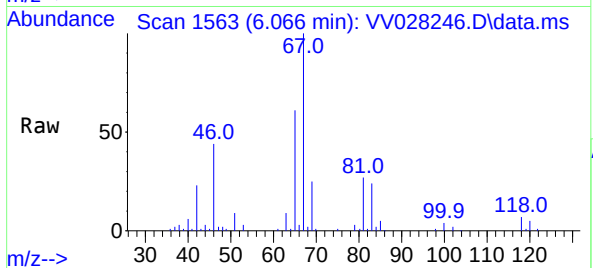




#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV028246.D
Acq: 30 Sep 2022 23:43

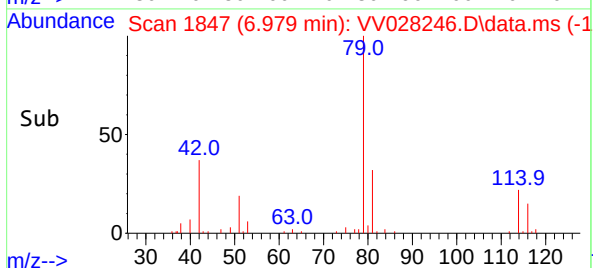
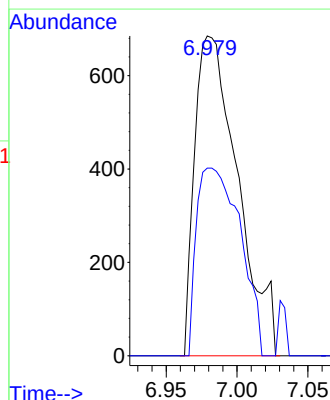
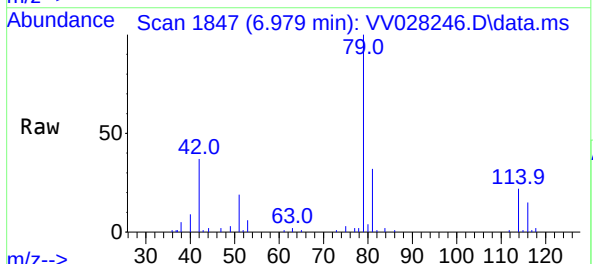
Instrument :
MSVOA_V
ClientSampleId :
EXFP8DL

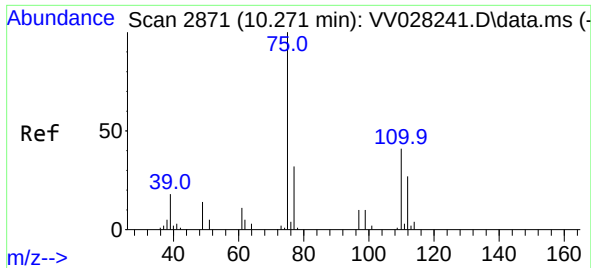
Tgt Ion: 63 Resp: 7328
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.042 min
Lab File: VV028246.D
Acq: 30 Sep 2022 23:43

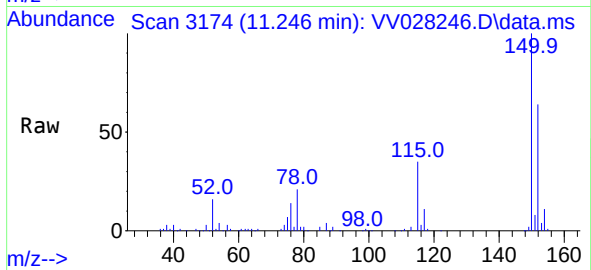
Tgt Ion: 75 Resp: 1447
Ion Ratio Lower Upper
75 100
77 58.7 22.4 41.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.204 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV028246.D
 Acq: 30 Sep 2022 23:43

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFP8DL



Tgt Ion: 75	Resp:	7255
Ion Ratio	Lower	Upper
75	100	
77	29.1	26.7 40.1
110	2.0	30.1 45.1#

