

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028249.D
 Acq On : 01 Oct 2022 00:58
 Operator : SY/MD
 Sample : N4866-06DL 250X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ2DL

Quant Time: Oct 01 02:19:15 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)

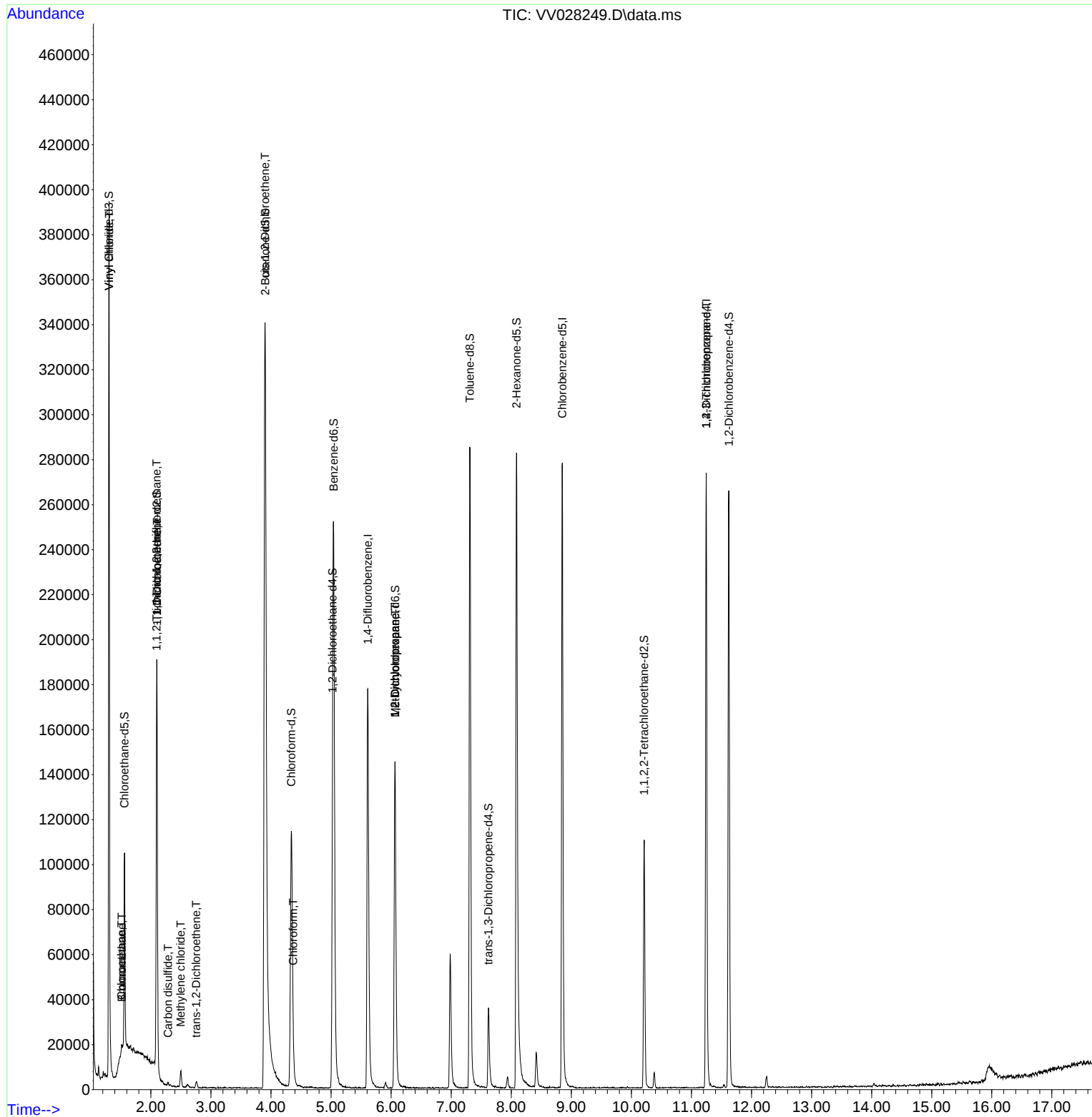
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	168789	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	165891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79813	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	64356	3.678	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.561	69	54667	3.929	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.098	63	91077	3.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	3.905	46	131776	44.606	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.220%
24) Chloroform-d	4.339	84	124830	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.024	65	58037	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.043	84	244598	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.066	67	74532	4.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.310	98	201930	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.619	79	21917	3.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.088	63	111617	43.659	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.320%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	54608	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	75163	4.801	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	198166	15.140	ug/L	98
6) Bromomethane	1.516	94	733	0.086	ug/L	97
8) Chloroethane	1.513	64	27985	3.188	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.095	101	1127	0.094	ug/L #	21
12) 1,1-Dichloroethene	2.101	96	1008	0.086	ug/L #	1
14) Carbon disulfide	2.285	76	1354	0.060	ug/L	95
16) Methylene chloride	2.497	84	3245	0.249	ug/L	82
18) trans-1,2-Dichloroethene	2.754	96	1103	0.108	ug/L	90
22) cis-1,2-Dichloroethene	3.902	96	173805	12.972	ug/L	93
25) Chloroform	4.368	83	3995	0.167	ug/L	95
35) Methylcyclohexane	6.066	83	18440	1.173	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	7838	0.607	ug/L #	87
61) 1,2,3-Trichloropropane	11.246	75	7269	1.086	ug/L #	66

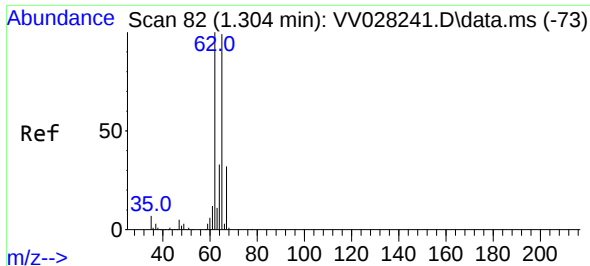
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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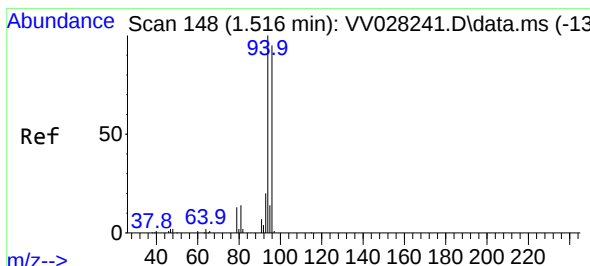
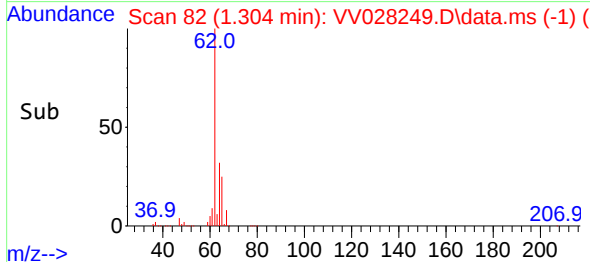
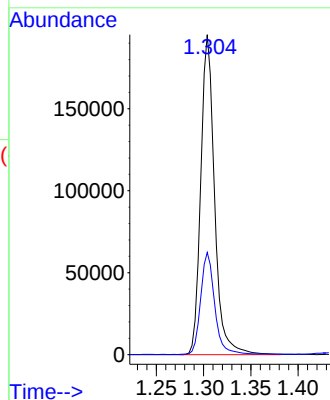
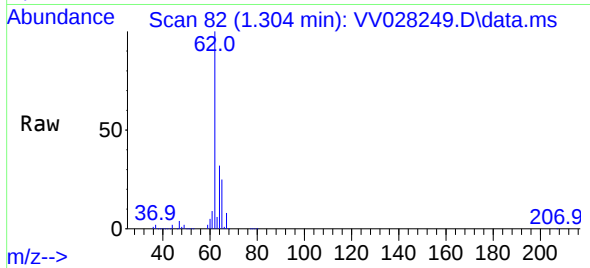




#5
 Vinyl chloride
 Concen: 15.140 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028249.D
 Acq: 01 Oct 2022 00:58

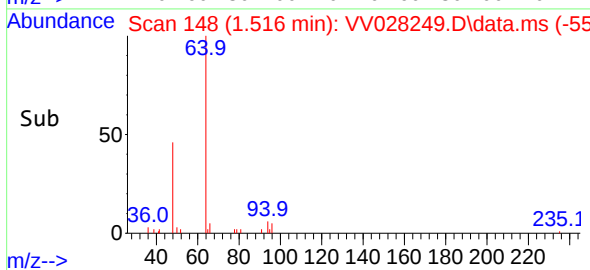
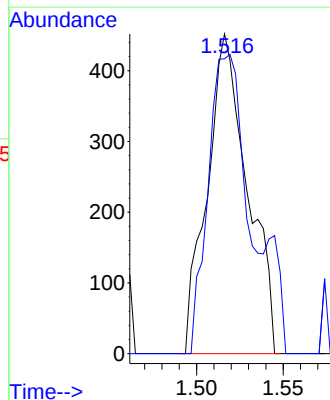
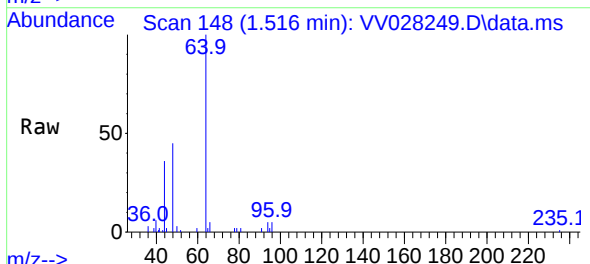
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ2DL

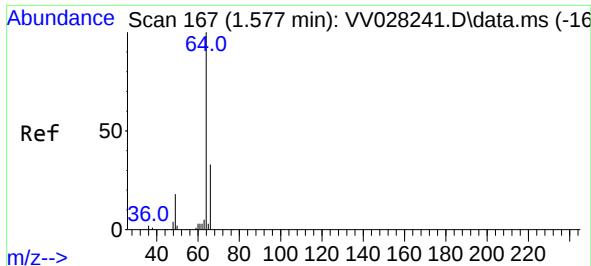
Tgt Ion: 62 Resp: 198166
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.0 42.8



#6
 Bromomethane
 Concen: 0.086 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028249.D
 Acq: 01 Oct 2022 00:58

Tgt Ion: 94 Resp: 733
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.7 123.9

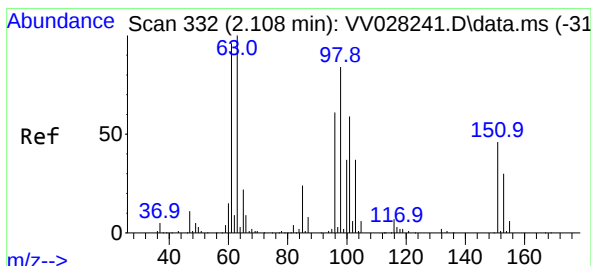
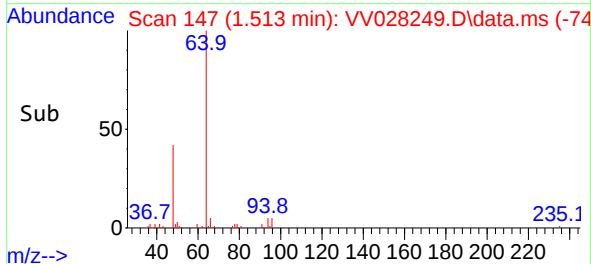
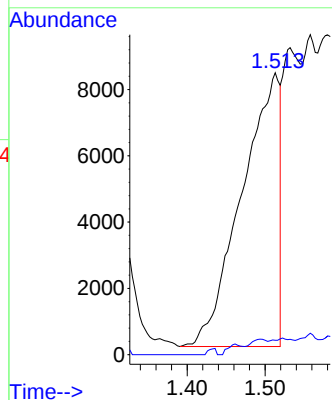
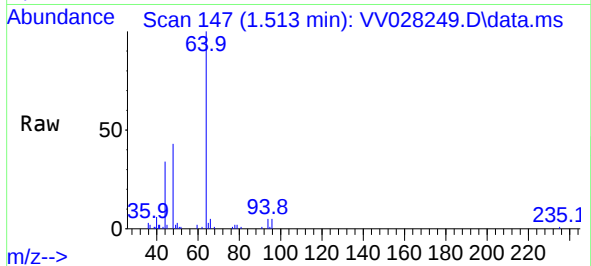




#8
Chloroethane
Concen: 3.188 ug/L
RT: 1.513 min Scan# 14
Delta R.T. -0.064 min
Lab File: VV028249.D
Acq: 01 Oct 2022 00:58

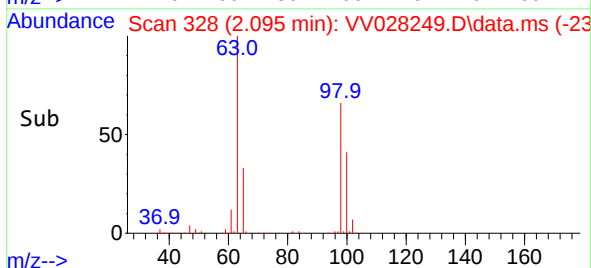
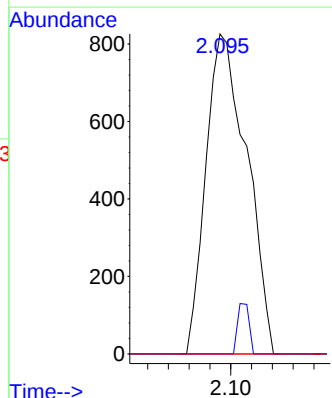
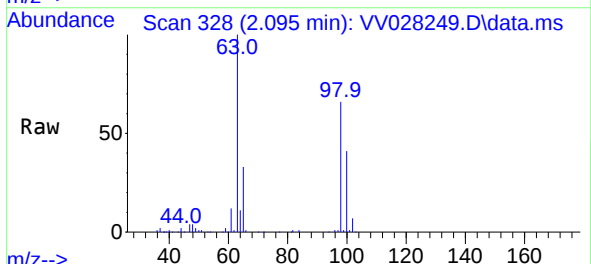
Instrument :
MSVOA_V
ClientSampleId :
EXFQ2DL

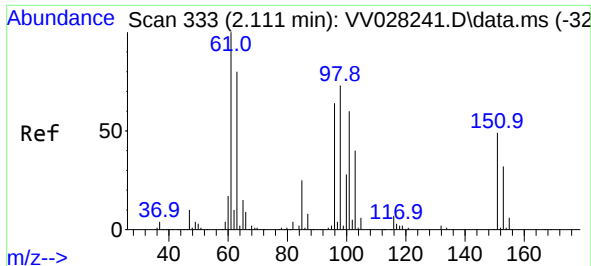
Tgt Ion: 64 Resp: 27985
Ion Ratio Lower Upper
64 100
66 5.1 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.094 ug/L
RT: 2.095 min Scan# 328
Delta R.T. -0.013 min
Lab File: VV028249.D
Acq: 01 Oct 2022 00:58

Tgt Ion: 101 Resp: 1127
Ion Ratio Lower Upper
101 100
85 4.4 34.4 51.6#
151 0.0 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV028249.D

Acq: 01 Oct 2022 00:58

Instrument :

MSVOA_V

ClientSampleId :

EXFQ2DL

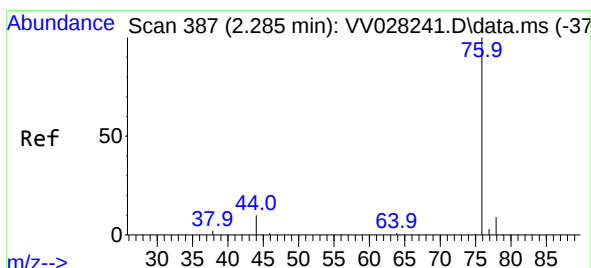
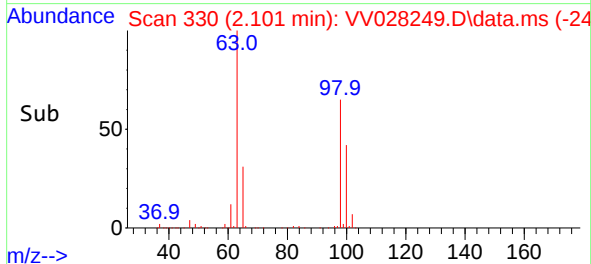
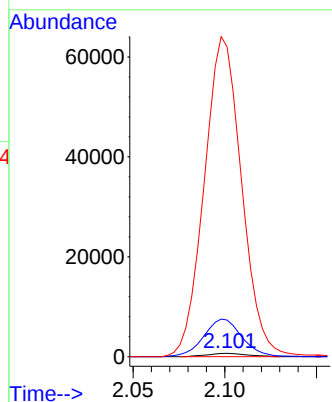
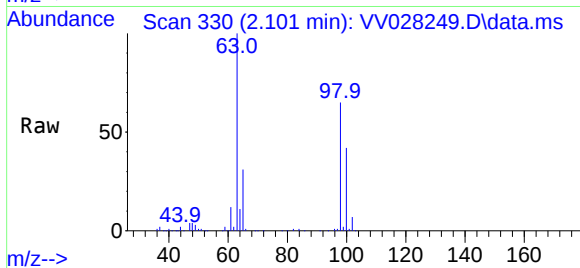
Tgt Ion: 96 Resp: 1008

Ion Ratio Lower Upper

96 100

61 1083.2 128.3 238.3#

63 9152.8 112.7 209.3#



#14

Carbon disulfide

Concen: 0.060 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV028249.D

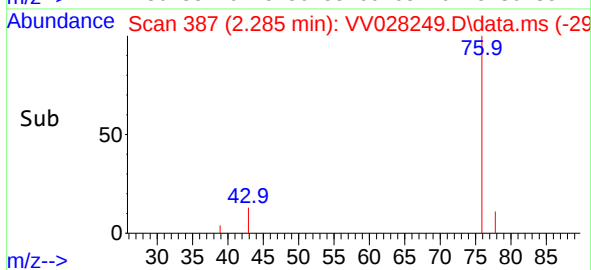
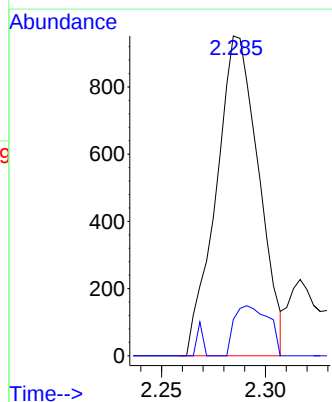
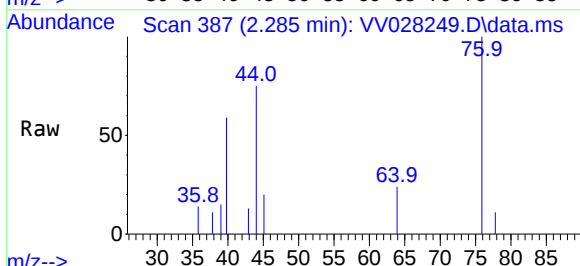
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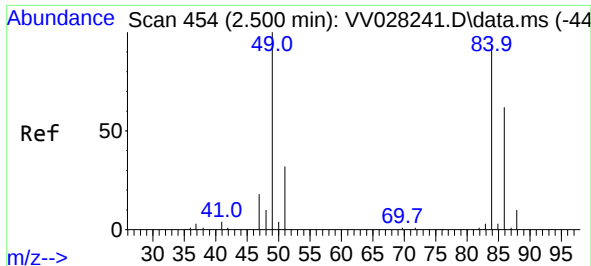
Tgt Ion: 76 Resp: 1354

Ion Ratio Lower Upper

76 100

78 11.3 7.6 11.4

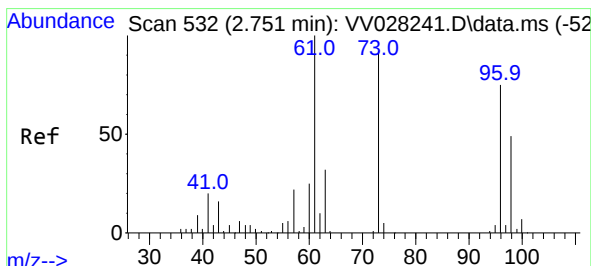
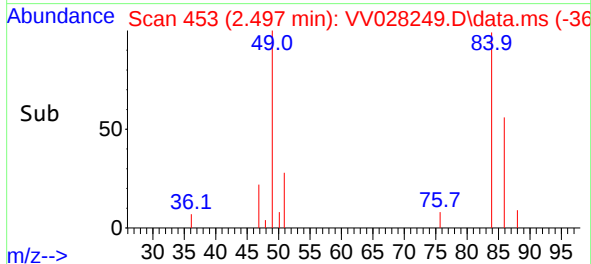
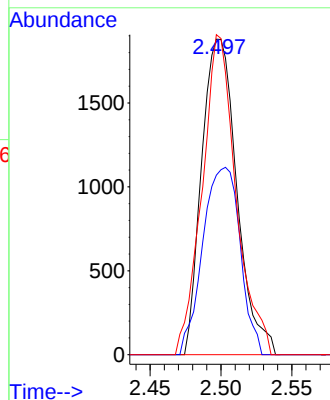
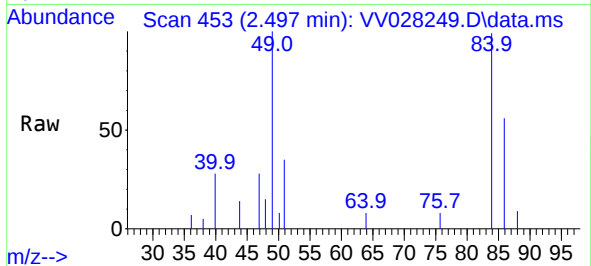




#16
Methylene chloride
Concen: 0.249 ug/L
RT: 2.497 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV028249.D
Acq: 01 Oct 2022 00:58

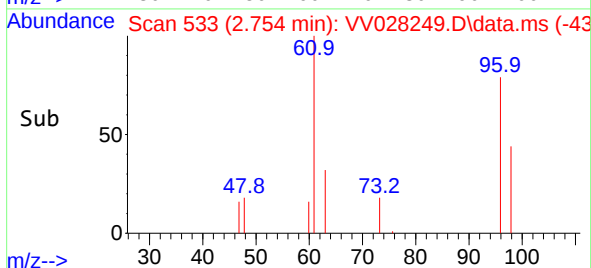
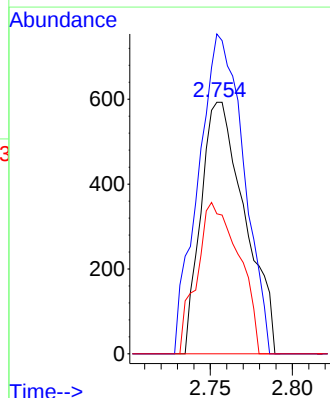
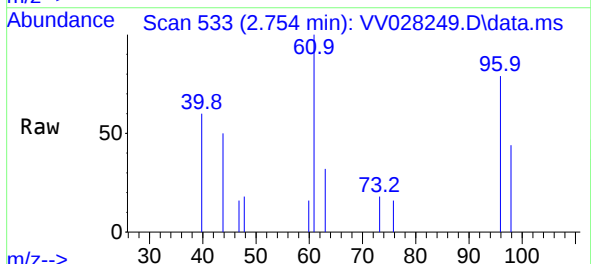
Instrument :
MSVOA_V
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EXFQ2DL

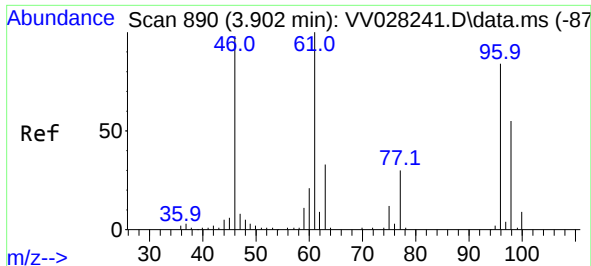
Tgt Ion: 84 Resp: 3245
Ion Ratio Lower Upper
84 100
86 56.9 46.8 86.8
49 101.4 87.5 162.5



#18
trans-1,2-Dichloroethene
Concen: 0.108 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028249.D
Acq: 01 Oct 2022 00:58

Tgt Ion: 96 Resp: 1103
Ion Ratio Lower Upper
96 100
61 127.2 96.2 178.6
98 55.6 45.7 84.9

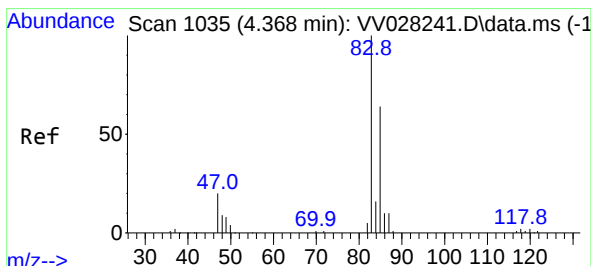
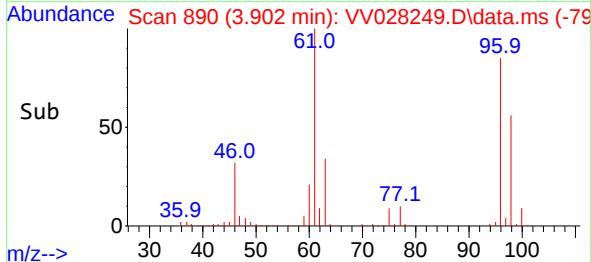
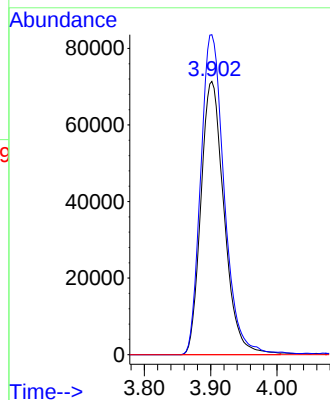
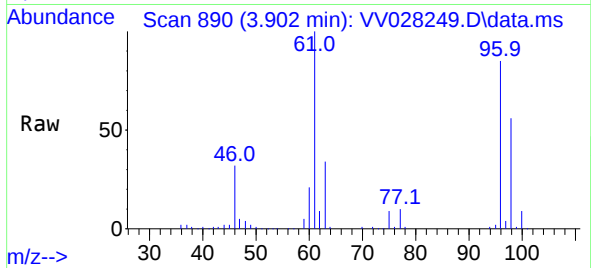




#22
 cis-1,2-Dichloroethene
 Concen: 12.972 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV028249.D
 Acq: 01 Oct 2022 00:58

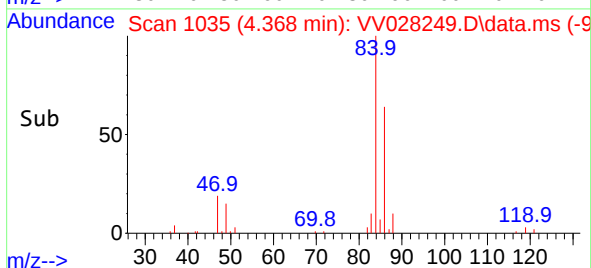
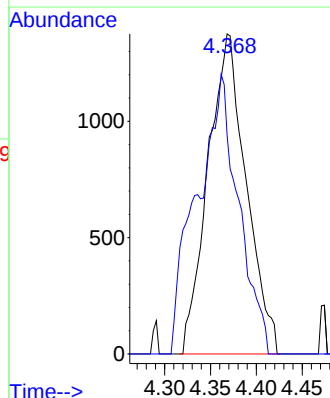
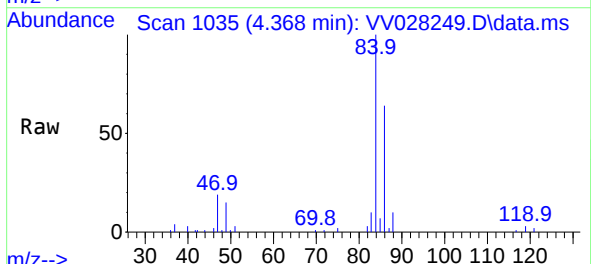
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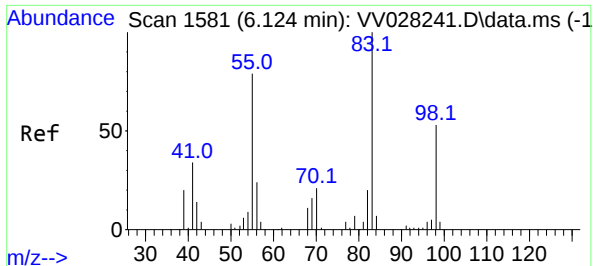
Tgt Ion: 96 Resp: 173805
 Ion Ratio Lower Upper
 96 100
 61 117.1 87.2 161.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.167 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. 0.006 min
 Lab File: VV028249.D
 Acq: 01 Oct 2022 00:58

Tgt Ion: 83 Resp: 3995
 Ion Ratio Lower Upper
 83 100
 85 68.4 45.1 83.7





#35

Methylcyclohexane

Concen: 1.173 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.055 min

Lab File: VV028249.D

Acq: 01 Oct 2022 00:58

Instrument :

MSVOA_V

ClientSampleId :

EXFQ2DL

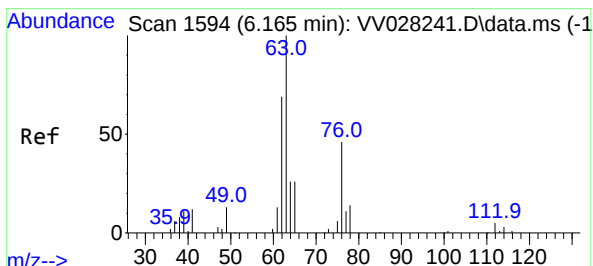
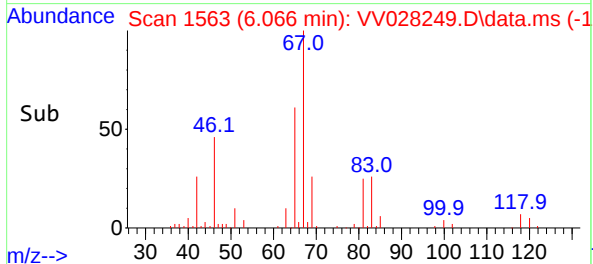
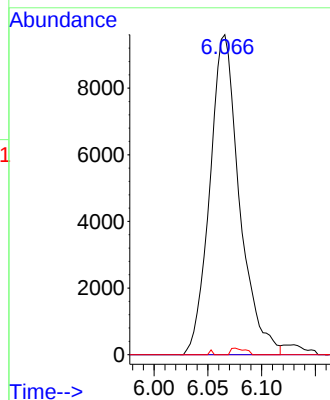
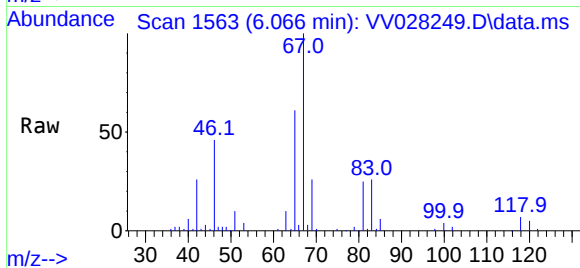
Tgt Ion: 83 Resp: 18440

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 1.0 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.607 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV028249.D

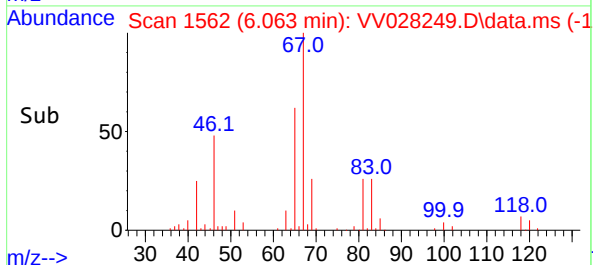
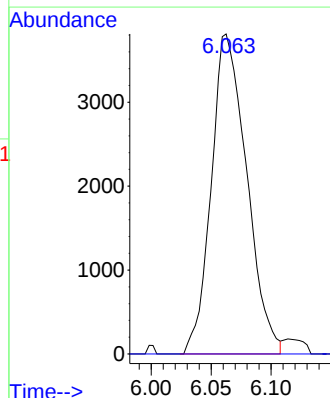
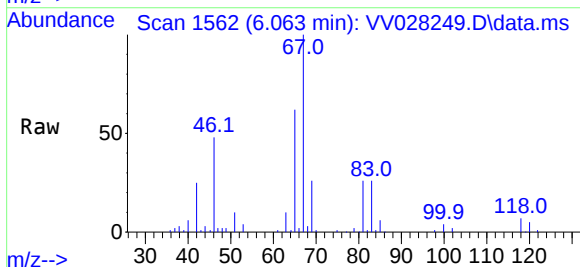
Acq: 01 Oct 2022 00:58

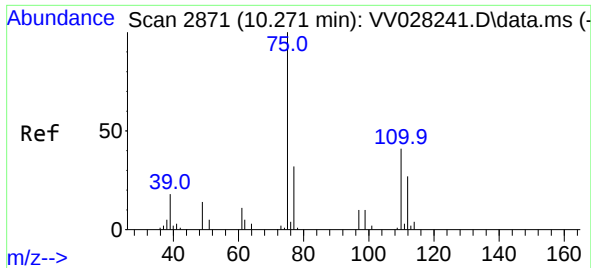
Tgt Ion: 63 Resp: 7838

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#61
1,2,3-Trichloropropane
Concen: 1.086 ug/L
RT: 11.246 min Scan# 31
Delta R.T. 0.977 min
Lab File: VV028249.D
Acq: 01 Oct 2022 00:58

Instrument :
MSVOA_V
ClientSampleId :
EXFQ2DL

Tgt Ion: 75 Resp: 7269
Ion Ratio Lower Upper
75 100
77 31.0 26.7 40.1
110 1.5 30.1 45.1#

