

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028191.D
 Acq On : 29 Sep 2022 16:57
 Operator : SY/MD
 Sample : N4730-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFS5

Quant Time: Sep 30 01:48:26 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)

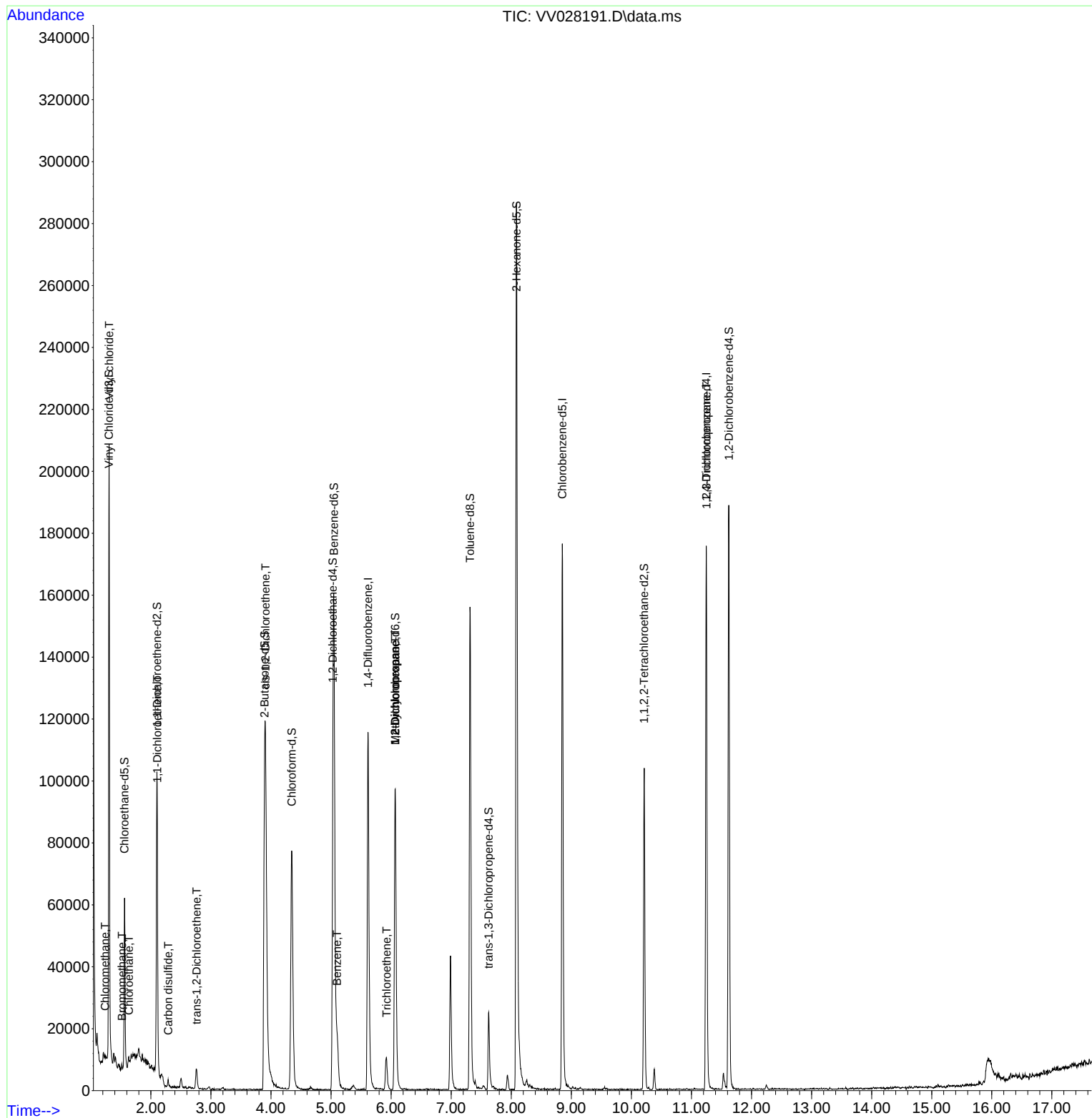
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	106936	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	105629	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	51756	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	36329	3.277	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.561	69	36390	4.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.101	63	48458	2.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.400%#
20) 2-Butanone-d5	3.892	46	118170	63.137	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.280%
24) Chloroform-d	4.346	84	84267	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.031	65	44648	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.047	84	146019	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.066	67	48345	4.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.313	98	112401	3.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	7.622	79	16014	4.106	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.088	63	103992	63.883	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.760%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48248	6.537	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	130.800%#
66) 1,2-Dichlorobenzene-d4	11.622	152	55357	5.453	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1254	0.119	ug/L	88
5) Vinyl chloride	1.304	62	98121	11.833	ug/L	98
6) Bromomethane	1.519	94	1014	0.188	ug/L	98
8) Chloroethane	1.635	64	1599	0.288	ug/L #	61
12) 1,1-Dichloroethene	2.108	96	776	0.105	ug/L #	1
14) Carbon disulfide	2.288	76	2992	0.211	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	2789	0.431	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	43207	5.090	ug/L	89
33) Benzene	5.098	78	18036	0.615	ug/L	100
34) Trichloroethene	5.928	95	3673	0.503	ug/L	91
35) Methylcyclohexane	6.069	83	12511	1.249	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	5479	0.666	ug/L #	87
61) 1,2,3-Trichloropropane	11.249	75	4700	1.083	ug/L #	67

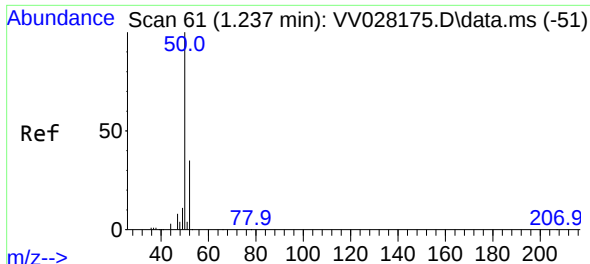
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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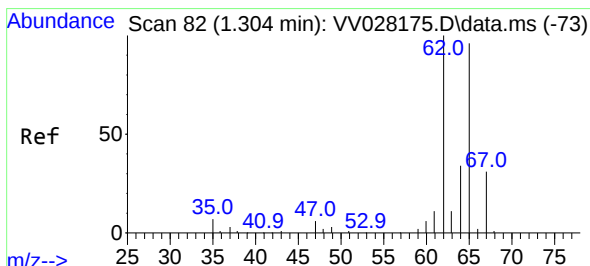
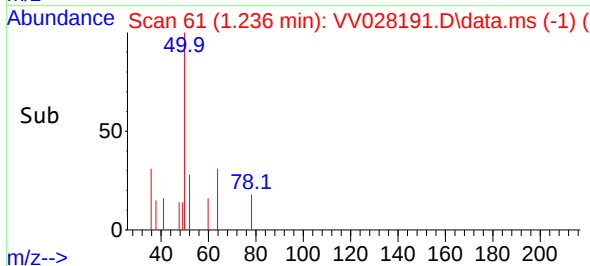
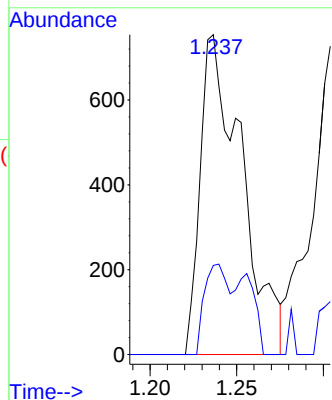
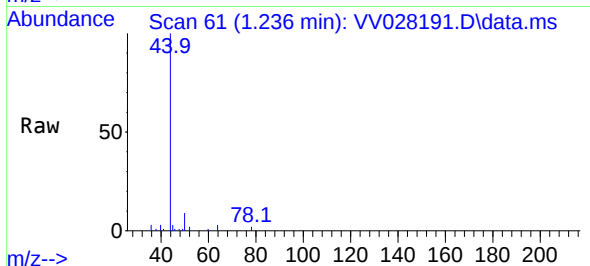




#3
Chloromethane
Concen: 0.119 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028191.D
Acq: 29 Sep 2022 16:57

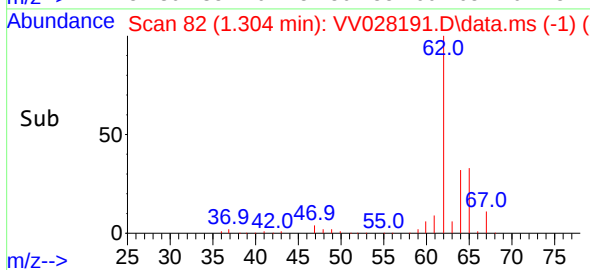
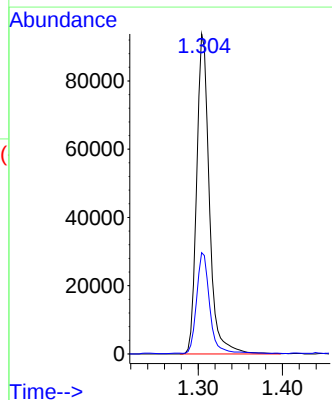
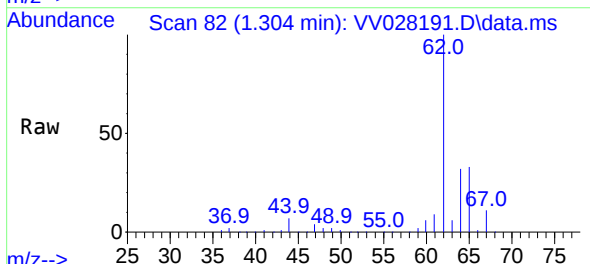
Instrument :
MSVOA_V
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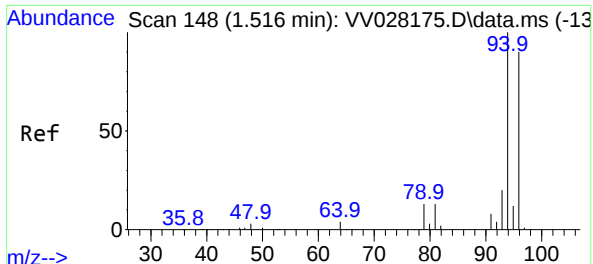
Tgt Ion: 50 Resp: 1254
Ion Ratio Lower Upper
50 100
52 27.9 24.4 45.2



#5
Vinyl chloride
Concen: 11.833 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV028191.D
Acq: 29 Sep 2022 16:57

Tgt Ion: 62 Resp: 98121
Ion Ratio Lower Upper
62 100
64 31.6 23.0 42.8

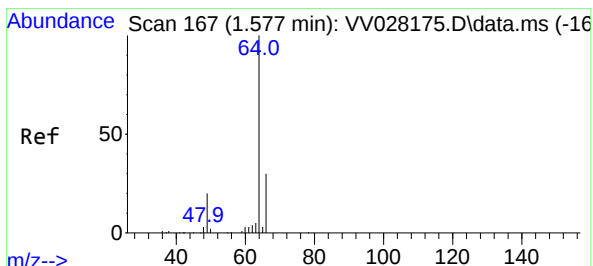
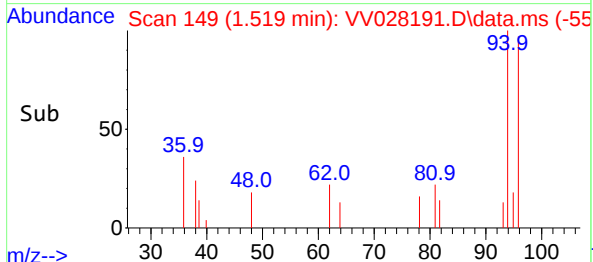
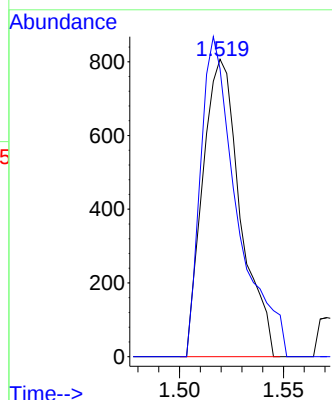
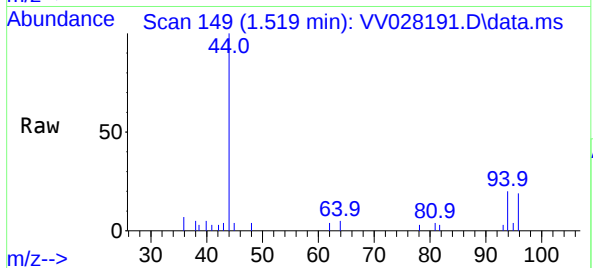




#6
Bromomethane
Concen: 0.188 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV028191.D
Acq: 29 Sep 2022 16:57

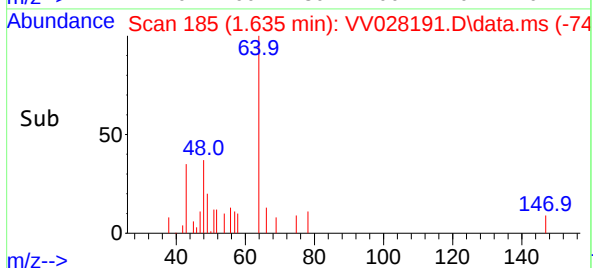
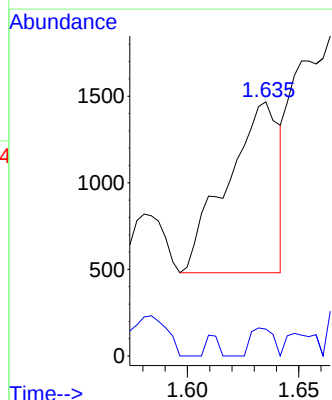
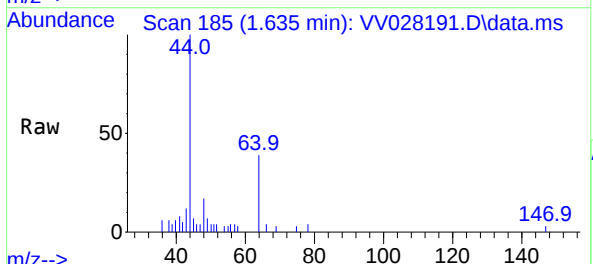
Instrument :
MSVOA_V
ClientSampleId :
EXFS5

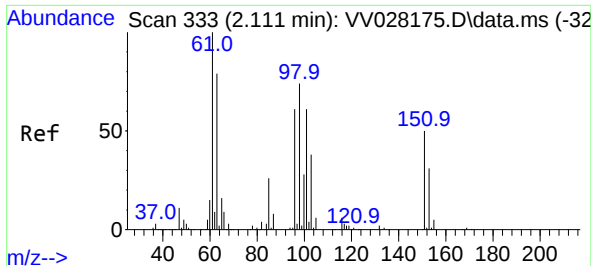
Tgt Ion: 94 Resp: 1014
Ion Ratio Lower Upper
94 100
96 96.8 66.7 123.9



#8
Chloroethane
Concen: 0.288 ug/L
RT: 1.635 min Scan# 185
Delta R.T. 0.058 min
Lab File: VV028191.D
Acq: 29 Sep 2022 16:57

Tgt Ion: 64 Resp: 1599
Ion Ratio Lower Upper
64 100
66 10.6 23.0 42.8#





#12

1,1-Dichloroethene

Concen: 0.105 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028191.D

Acq: 29 Sep 2022 16:57

Instrument :

MSVOA_V

ClientSampleId :

EXFS5

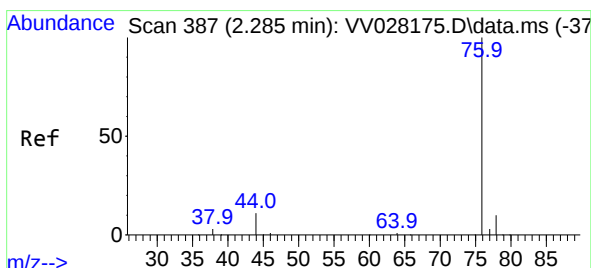
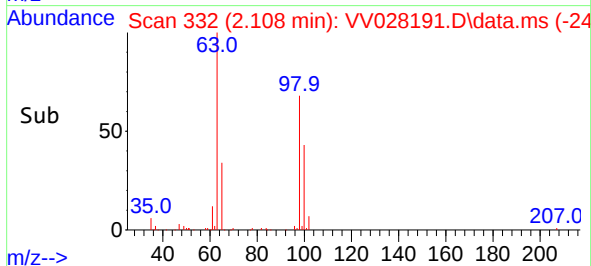
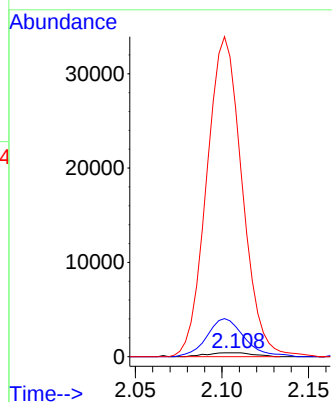
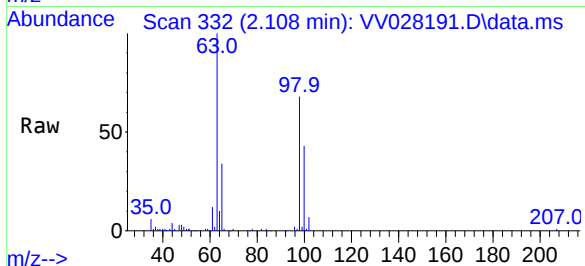
Tgt Ion: 96 Resp: 776

Ion Ratio Lower Upper

96 100

61 767.9 128.3 238.3#

63 6340.5 112.7 209.3#



#14

Carbon disulfide

Concen: 0.211 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028191.D

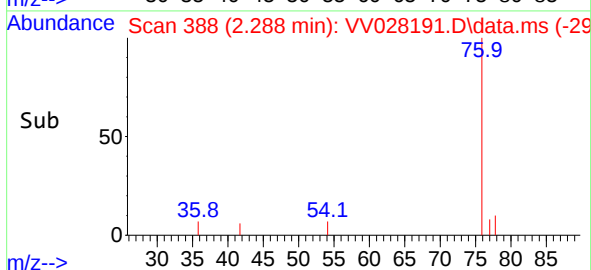
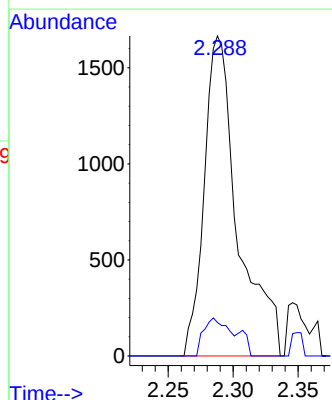
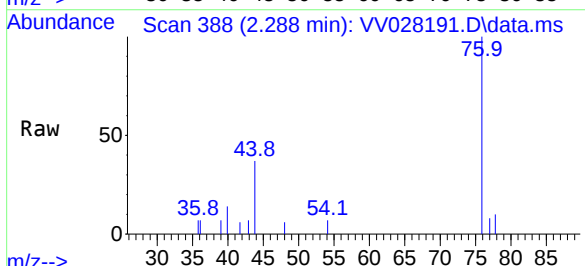
Acq: 29 Sep 2022 16:57

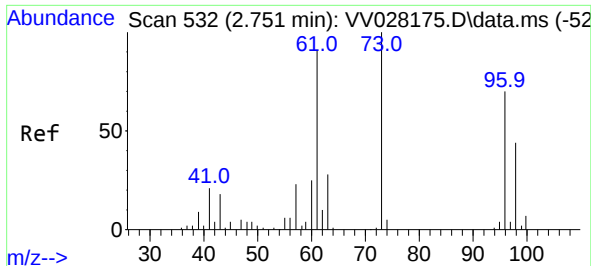
Tgt Ion: 76 Resp: 2992

Ion Ratio Lower Upper

76 100

78 10.4 7.6 11.4

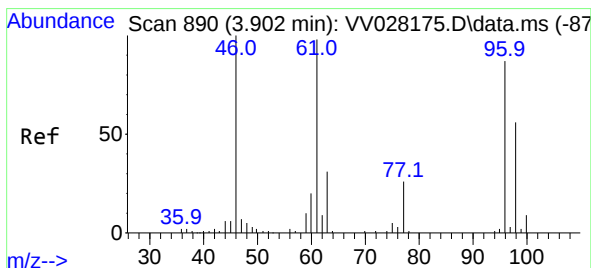
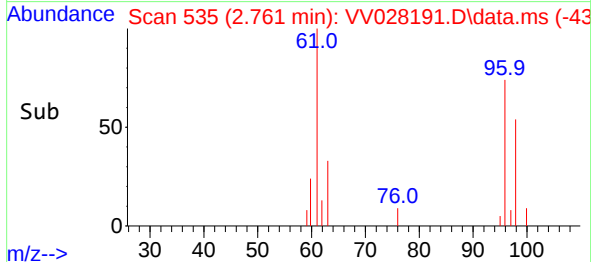
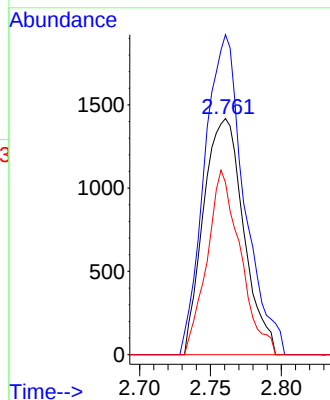
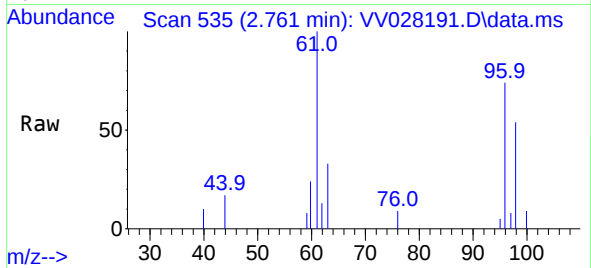




#18
trans-1,2-Dichloroethene
Concen: 0.431 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV028191.D
Acq: 29 Sep 2022 16:57

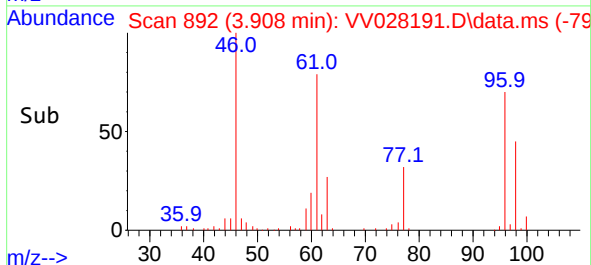
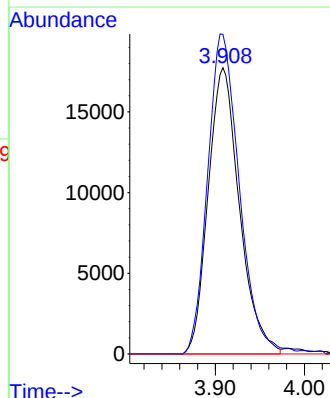
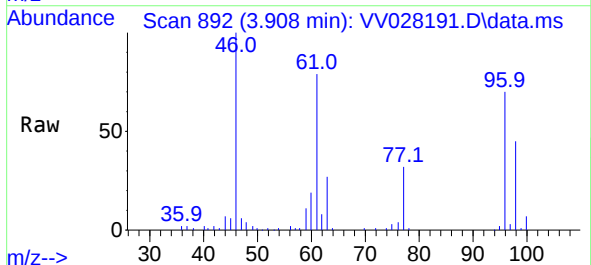
Instrument :
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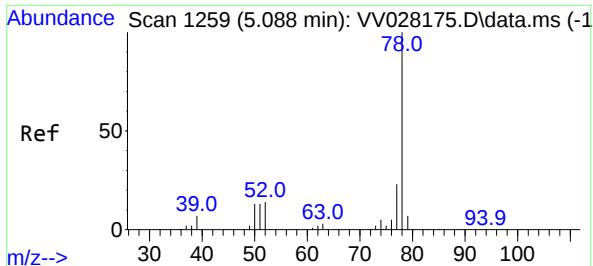
Tgt Ion: 96 Resp: 2789
Ion Ratio Lower Upper
96 100
61 135.5 96.2 178.6
98 72.9 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 5.090 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.010 min
Lab File: VV028191.D
Acq: 29 Sep 2022 16:57

Tgt Ion: 96 Resp: 43207
Ion Ratio Lower Upper
96 100
61 111.6 87.2 161.9
68 0.0 0.0 0.0

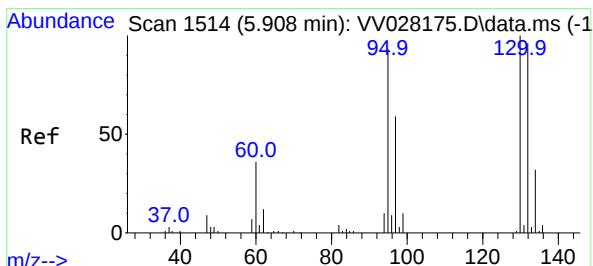
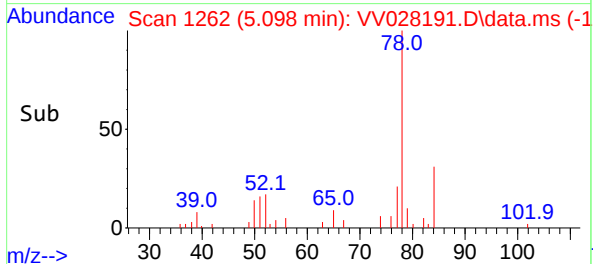
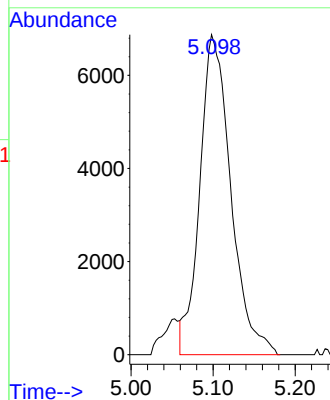
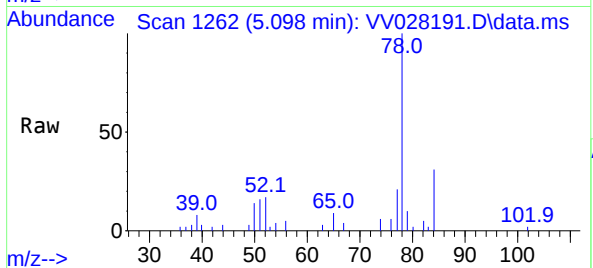




#33
Benzene
Concen: 0.615 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028191.D
Acq: 29 Sep 2022 16:57

Instrument :
MSVOA_V
ClientSampleId :
EXFS5

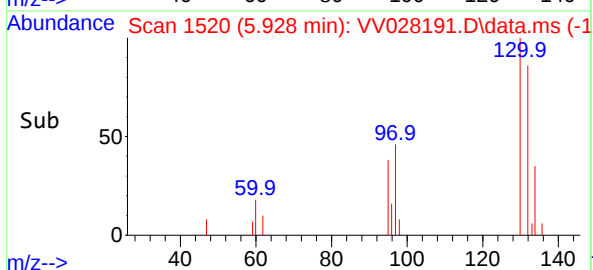
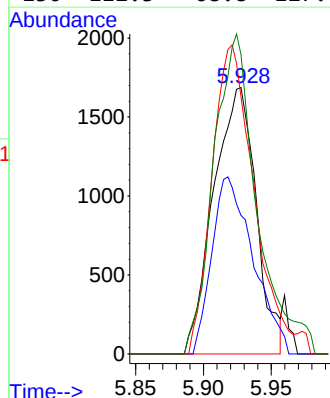
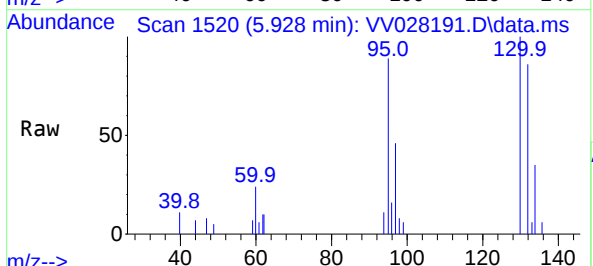
Tgt Ion: 78 Resp: 18036

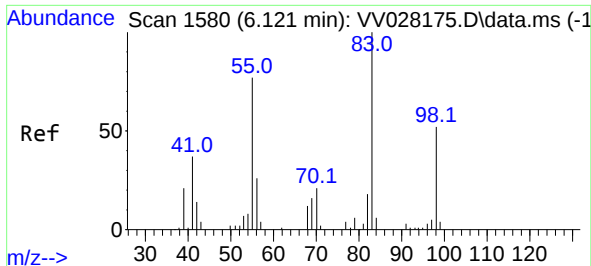


#34
Trichloroethene
Concen: 0.503 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.022 min
Lab File: VV028191.D
Acq: 29 Sep 2022 16:57

Tgt Ion: 95 Resp: 3673

Ion	Ratio	Lower	Upper
95	100		
97	52.0	44.2	82.0
132	96.5	67.8	126.0
130	112.3	68.8	127.8





#35

Methylcyclohexane

Concen: 1.249 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.051 min

Lab File: VV028191.D

Acq: 29 Sep 2022 16:57

Instrument :

MSVOA_V

ClientSampleId :

EXFS5

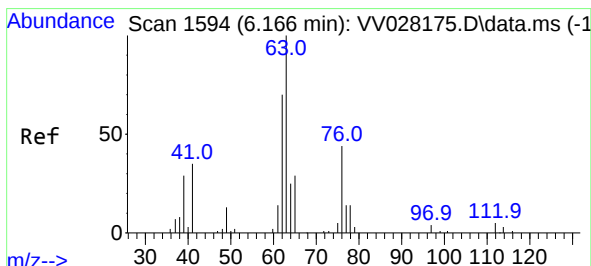
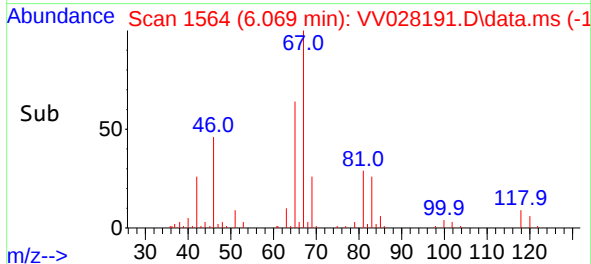
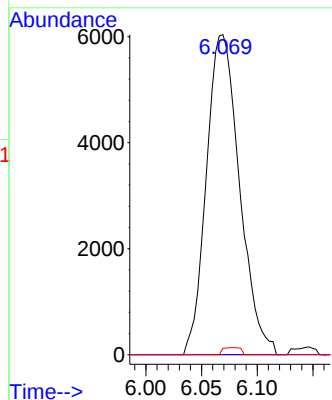
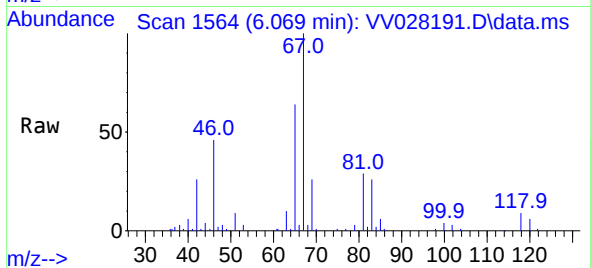
Tgt Ion: 83 Resp: 12511

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 1.2 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.666 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.096 min

Lab File: VV028191.D

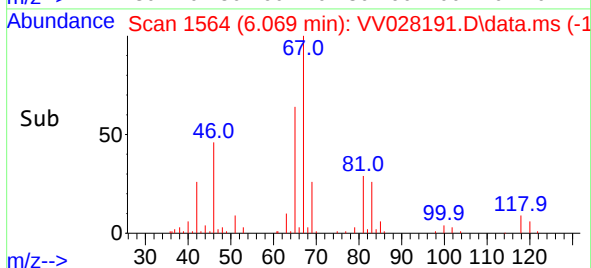
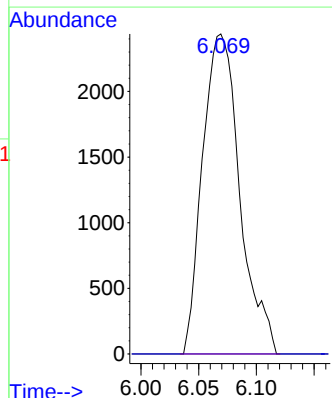
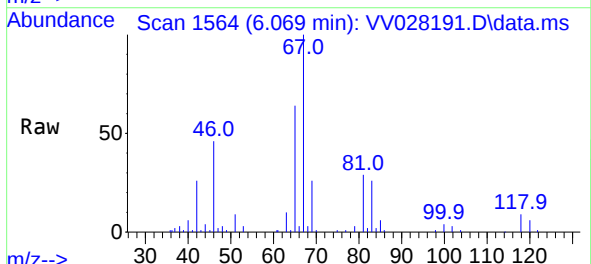
Acq: 29 Sep 2022 16:57

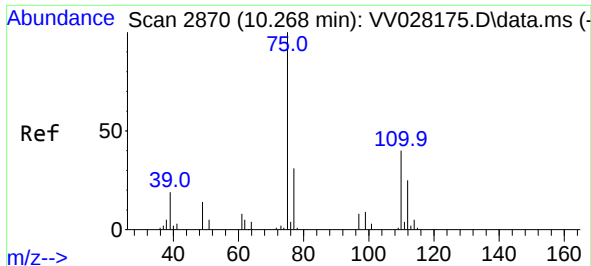
Tgt Ion: 63 Resp: 5479

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#61

1,2,3-Trichloropropane

Concen: 1.083 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.981 min

Lab File: VV028191.D

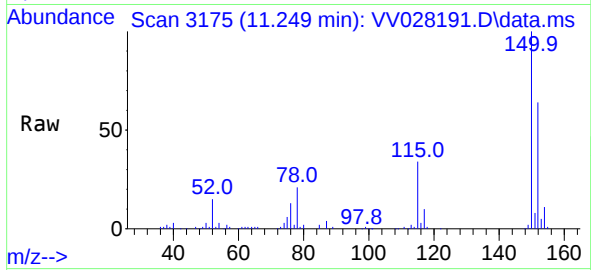
Acq: 29 Sep 2022 16:57

Instrument :

MSVOA_V

ClientSampleId :

EXFS5



Tgt Ion: 75 Resp: 4700

Ion Ratio Lower Upper

75 100

77 33.6 26.7 40.1

110 0.9 30.1 45.1#

