

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028187.D
 Acq On : 29 Sep 2022 15:22
 Operator : SY/MD
 Sample : N4866-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFQ2

Quant Time: Sep 30 01:47:57 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	110133	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	116684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	58858	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.301	65	341342	29.895	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	598.000%#
7) Chloroethane-d5	1.561	69	34835	3.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.101	63	62825	3.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.899	46	134349	69.697	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	139.400%#
24) Chloroform-d	4.342	84	84535	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.027	65	44883	5.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.047	84	150317	3.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.066	67	53913	4.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.313	98	112930	3.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	7.622	79	16576	3.847	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.085	63	100383	55.824	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.640%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	45948	5.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	61182	5.300	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%

Target Compounds

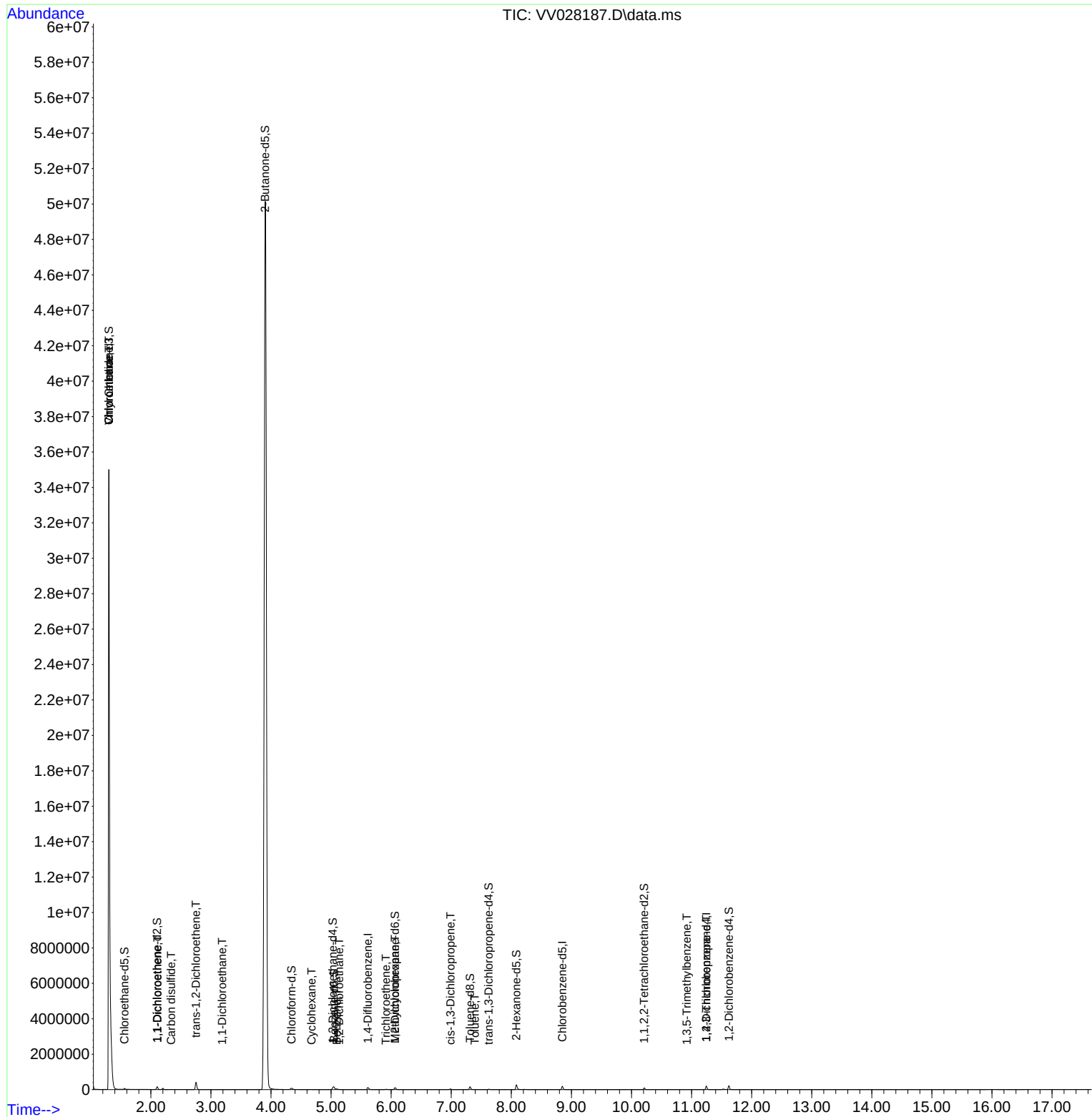
					Qvalue	
3) Chloromethane	1.301	50	209888	19.268	ug/L #	41
8) Chloroethane	1.301	64	11615449	2028.199	ug/L #	42
12) 1,1-Dichloroethene	2.111	96	27053	3.554	ug/L	88
14) Carbon disulfide	2.336	76	1937	0.133	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	165578	24.852	ug/L	94
19) 1,1-Dichloroethane	3.185	63	1064	0.073	ug/L #	89
27) 1,2-Dichloroethane	5.137	62	3570	0.429	ug/L #	76
30) Cyclohexane	4.674	56	1820	0.176	ug/L #	74
33) Benzene	5.095	78	39158	1.208	ug/L	100
34) Trichloroethene	5.911	95	6954	0.862	ug/L	87
35) Methylcyclohexane	6.066	83	12833	1.160	ug/L #	17
39) cis-1,3-Dichloropropene	6.989	75	1138	0.101	ug/L #	44
42) Toluene	7.391	91	7349	0.217	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	5608	1.136	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.921	105	414	0.043	ug/L	92

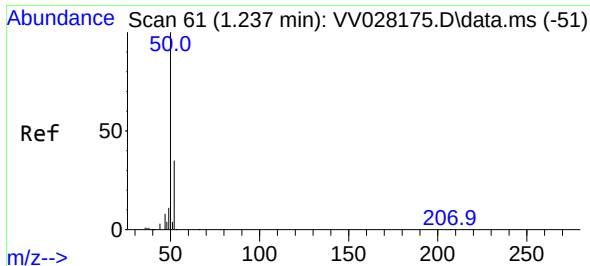
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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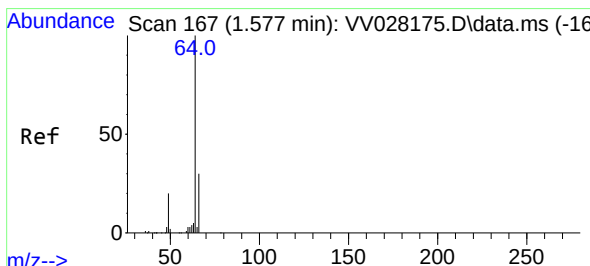
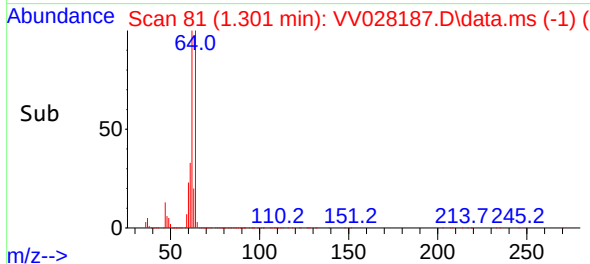
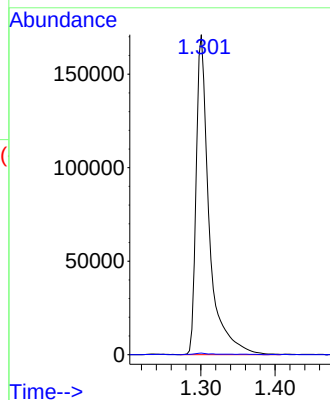
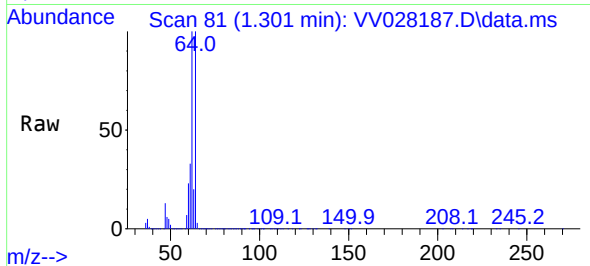




#3
Chloromethane
Concen: 19.268 ug/L
RT: 1.301 min Scan# 81
Delta R.T. 0.064 min
Lab File: VV028187.D
Acq: 29 Sep 2022 15:22

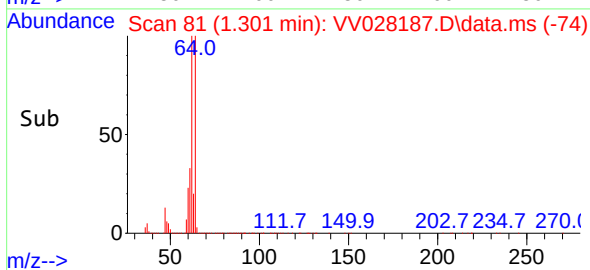
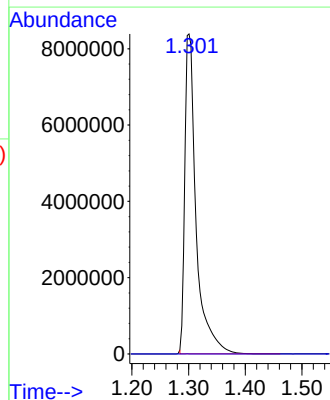
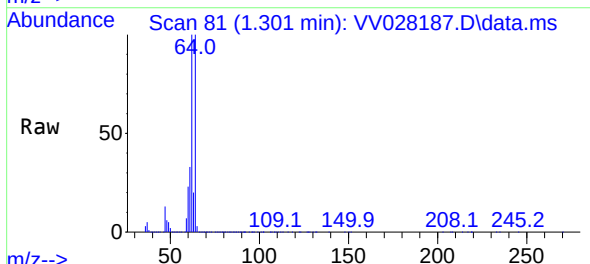
Instrument :
MSVOA_V
ClientSampleId :
EXFQ2

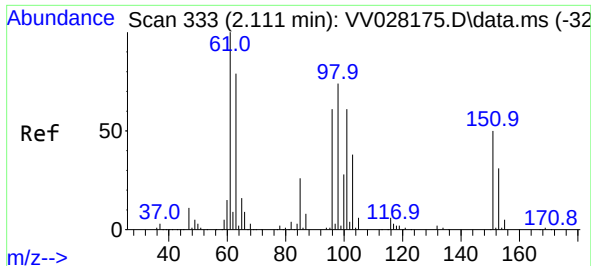
Tgt Ion: 50 Resp: 209888
Ion Ratio Lower Upper
50 100
52 0.5 24.4 45.2#



#8
Chloroethane
Concen: 2028.199 ug/L
RT: 1.301 min Scan# 81
Delta R.T. -0.277 min
Lab File: VV028187.D
Acq: 29 Sep 2022 15:22

Tgt Ion: 64 Resp: 11615449
Ion Ratio Lower Upper
64 100
66 0.0 23.0 42.8#

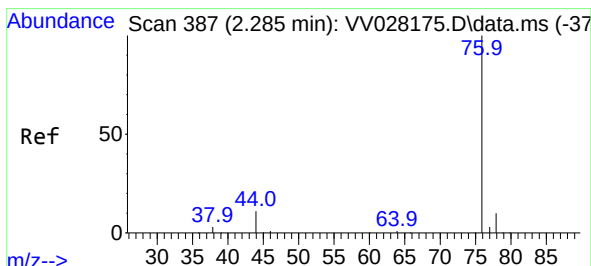
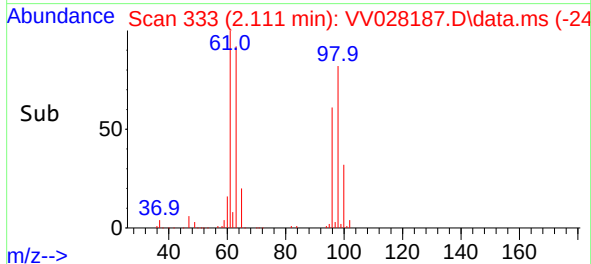
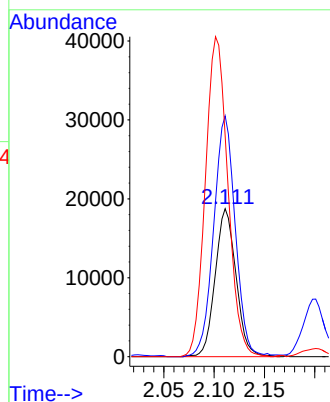
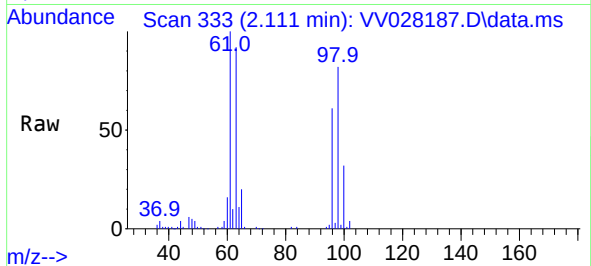




#12
1,1-Dichloroethene
Concen: 3.554 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV028187.D
Acq: 29 Sep 2022 15:22

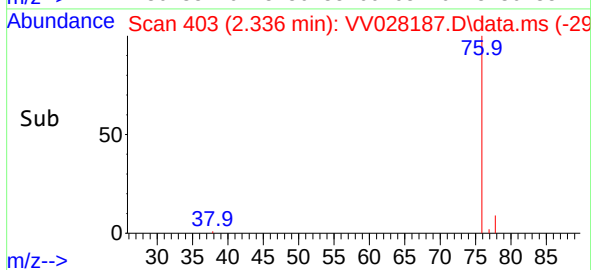
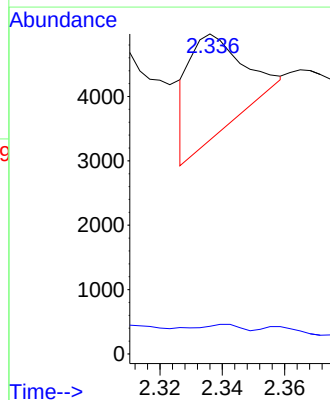
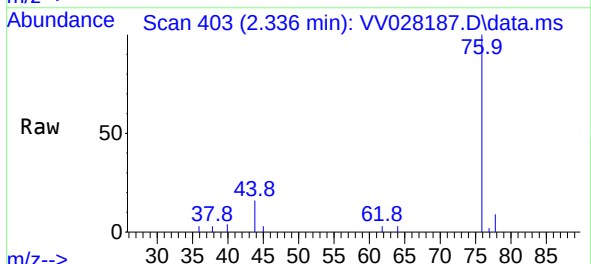
Instrument :
MSVOA_V
ClientSampleId :
EXFQ2

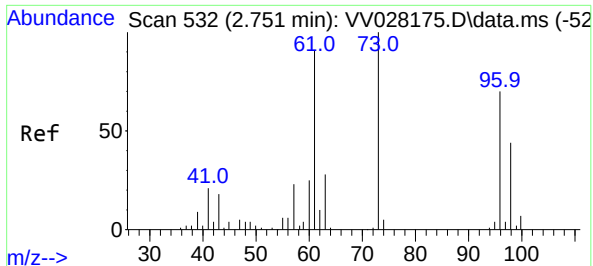
Tgt Ion: 96 Resp: 27053
Ion Ratio Lower Upper
96 100
61 162.6 128.3 238.3
63 149.3 112.7 209.3



#14
Carbon disulfide
Concen: 0.133 ug/L
RT: 2.336 min Scan# 403
Delta R.T. 0.051 min
Lab File: VV028187.D
Acq: 29 Sep 2022 15:22

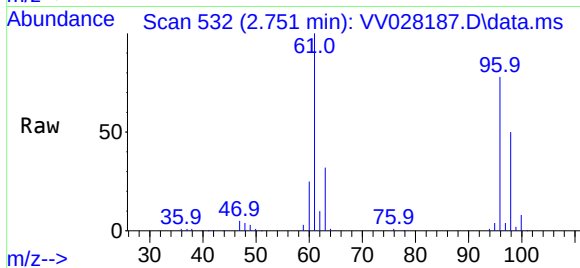
Tgt Ion: 76 Resp: 1937
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4





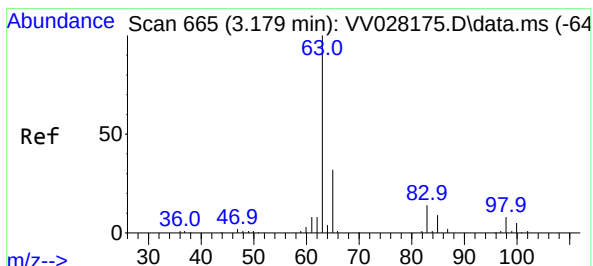
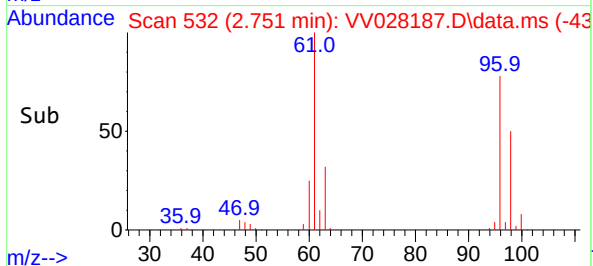
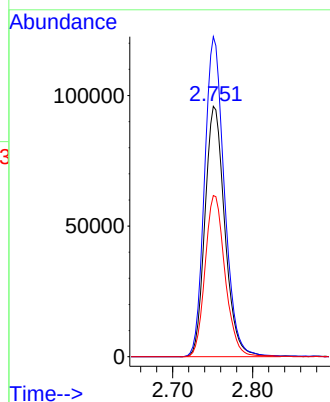
#18
trans-1,2-Dichloroethene
Concen: 24.852 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028187.D
Acq: 29 Sep 2022 15:22

Instrument :
MSVOA_V
ClientSampleId :
EXFQ2



Tgt Ion: 96 Resp: 165578

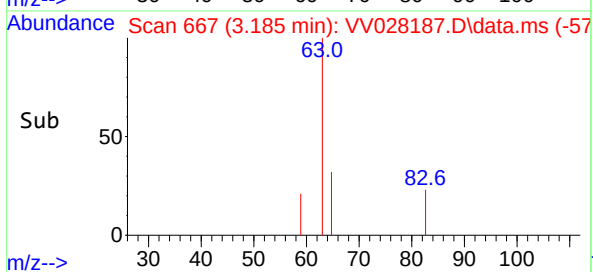
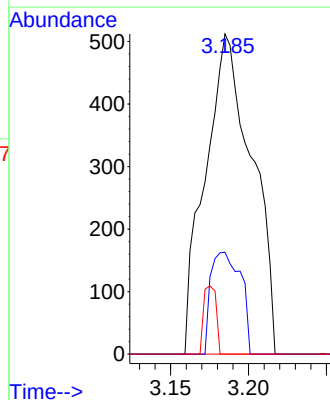
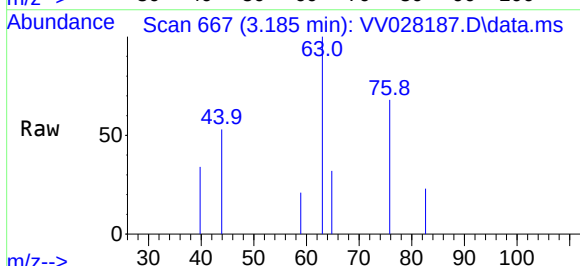
Ion	Ratio	Lower	Upper
96	100		
61	127.8	96.2	178.6
98	64.4	45.7	84.9

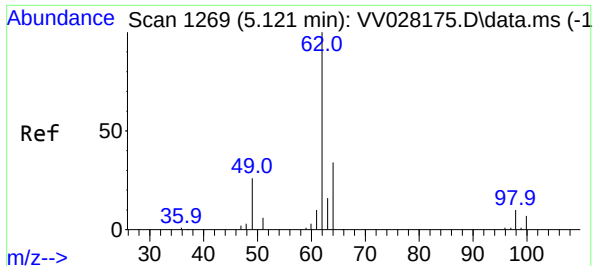


#19
1,1-Dichloroethane
Concen: 0.073 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV028187.D
Acq: 29 Sep 2022 15:22

Tgt Ion: 63 Resp: 1064

Ion	Ratio	Lower	Upper
63	100		
65	31.8	23.0	42.8
83	0.0	9.2	17.2

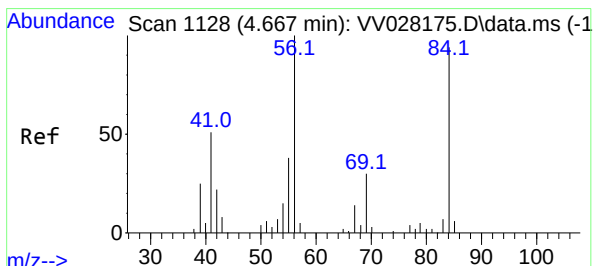
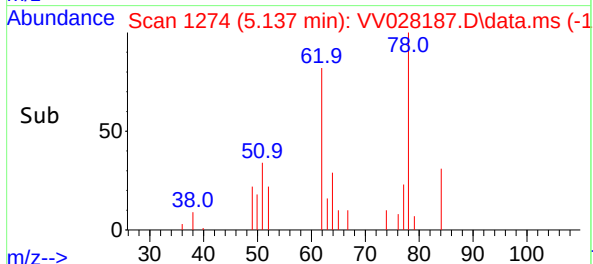
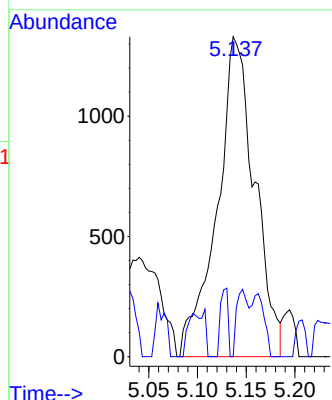
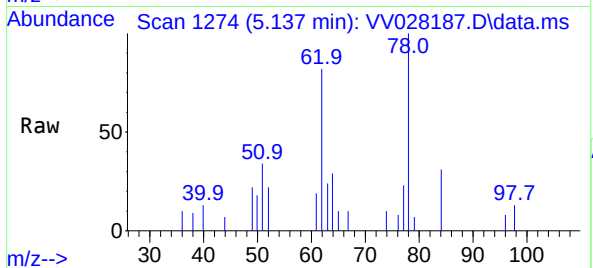




#27
1,2-Dichloroethane
Concen: 0.429 ug/L
RT: 5.137 min Scan# 1130
Delta R.T. 0.013 min
Lab File: VV028187.D
Acq: 29 Sep 2022 15:22

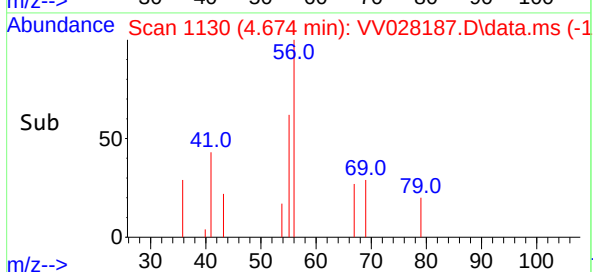
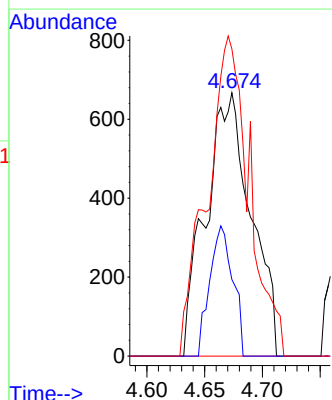
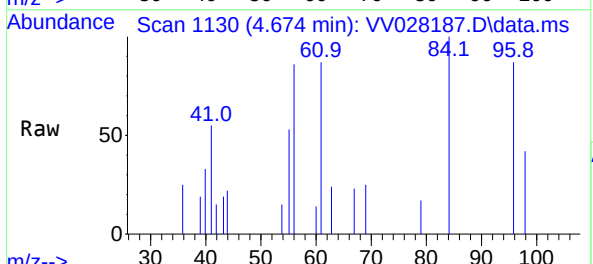
Instrument :
MSVOA_V
ClientSampleId :
EXFQ2

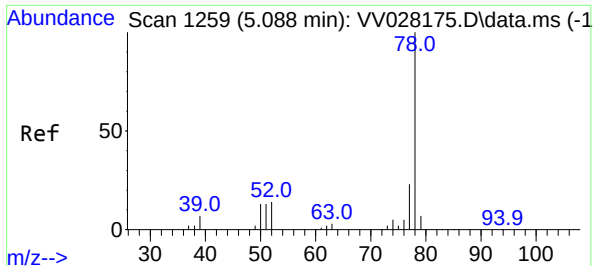
Tgt Ion: 62 Resp: 3570
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#



#30
Cyclohexane
Concen: 0.176 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.010 min
Lab File: VV028187.D
Acq: 29 Sep 2022 15:22

Tgt Ion: 56 Resp: 1820
Ion Ratio Lower Upper
56 100
69 25.1 23.7 35.5
84 113.6 67.3 100.9#

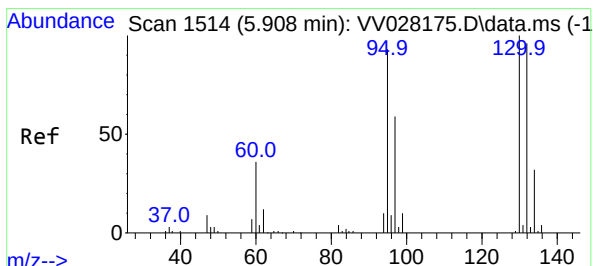
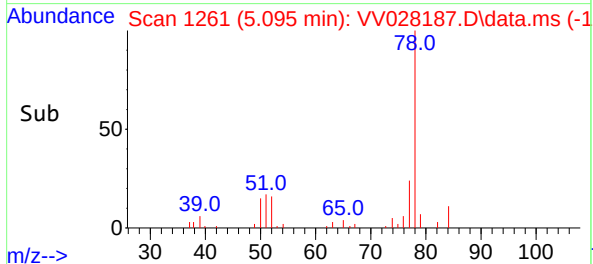
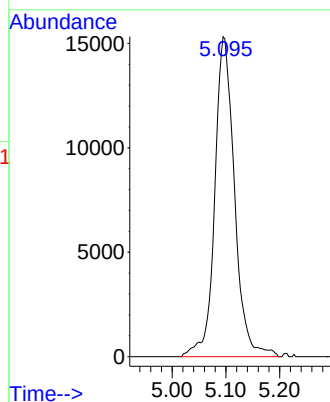
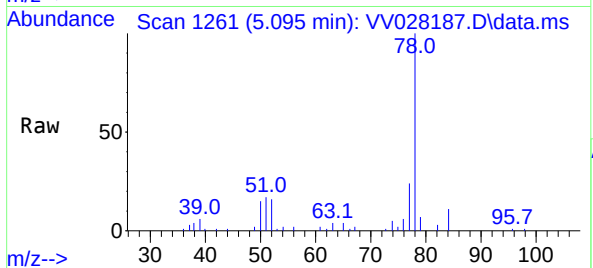




#33
Benzene
Concen: 1.208 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028187.D
Acq: 29 Sep 2022 15:22

Instrument :
MSVOA_V
ClientSampleId :
EXFQ2

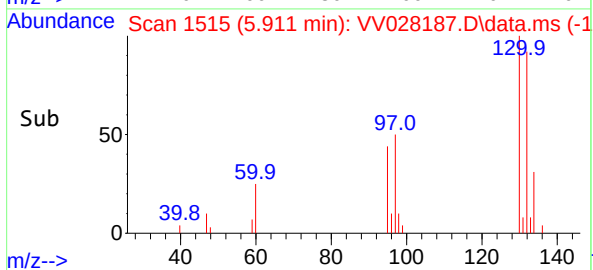
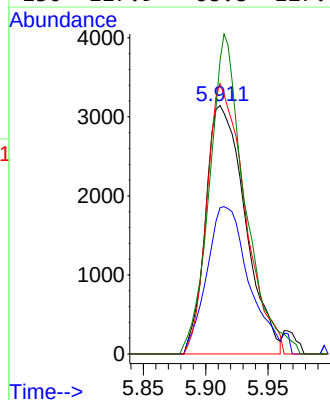
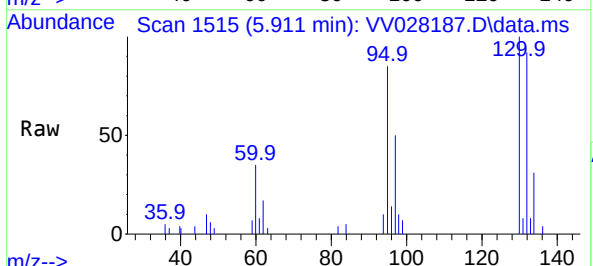
Tgt Ion: 78 Resp: 39158

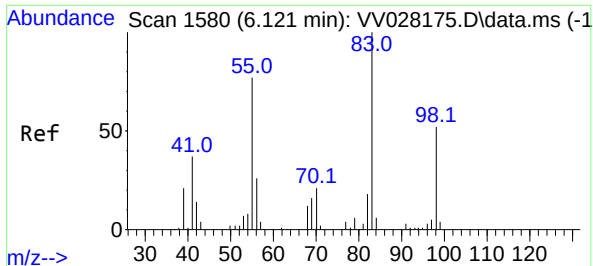


#34
Trichloroethene
Concen: 0.862 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV028187.D
Acq: 29 Sep 2022 15:22

Tgt Ion: 95 Resp: 6954

Ion	Ratio	Lower	Upper
95	100		
97	58.8	44.2	82.0
132	108.7	67.8	126.0
130	117.9	68.8	127.8





#35

Methylcyclohexane

Concen: 1.160 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV028187.D

Acq: 29 Sep 2022 15:22

Instrument :

MSVOA_V

ClientSampleId :

EXFQ2

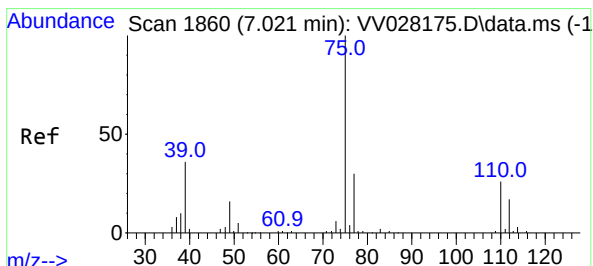
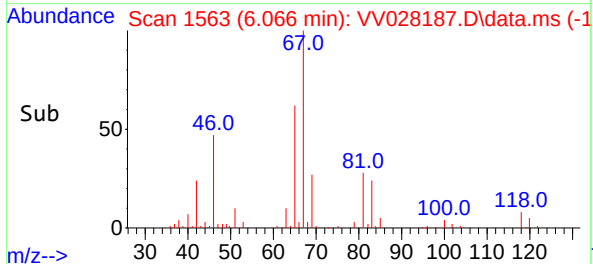
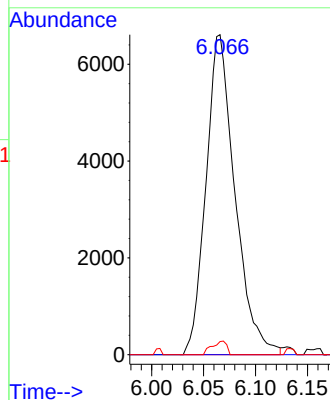
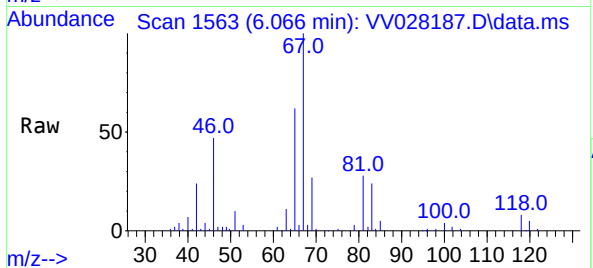
Tgt Ion: 83 Resp: 12833

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 2.2 39.5 59.3#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.032 min

Lab File: VV028187.D

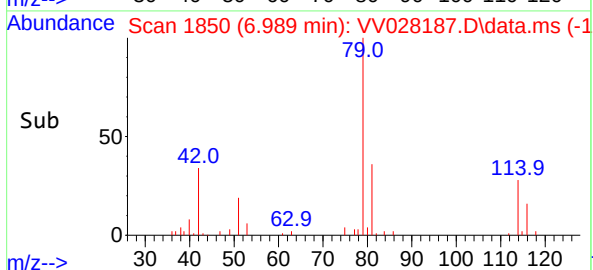
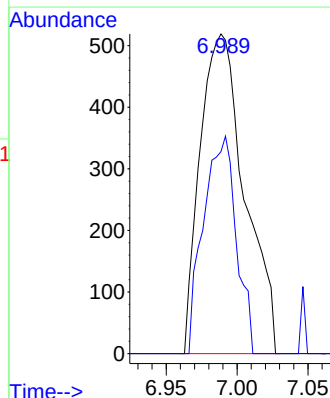
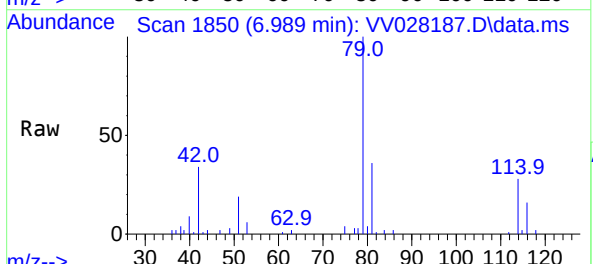
Acq: 29 Sep 2022 15:22

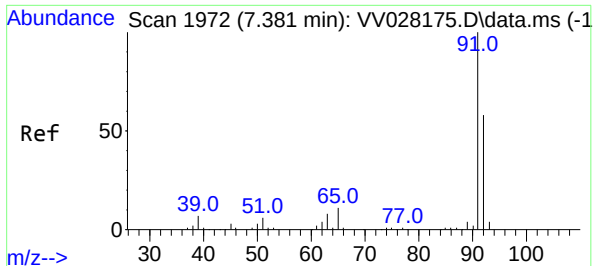
Tgt Ion: 75 Resp: 1138

Ion Ratio Lower Upper

75 100

77 63.2 22.4 41.6#





#42

Toluene

Concen: 0.217 ug/L

RT: 7.391 min Scan# 1972

Delta R.T. 0.010 min

Lab File: VV028187.D

Acq: 29 Sep 2022 15:22

Instrument :

MSVOA_V

ClientSampleId :

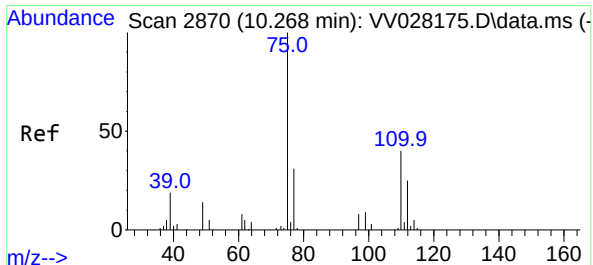
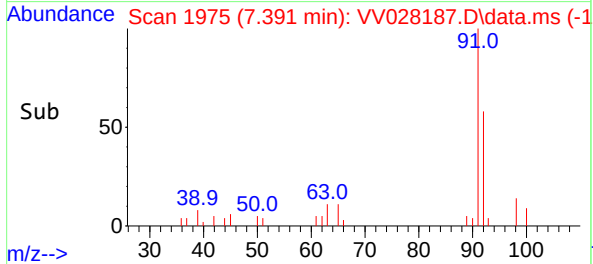
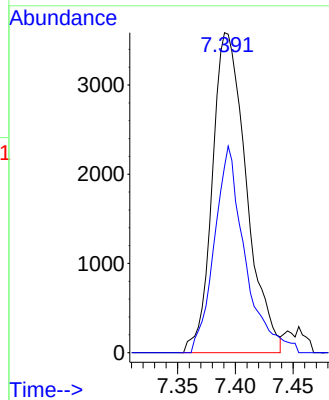
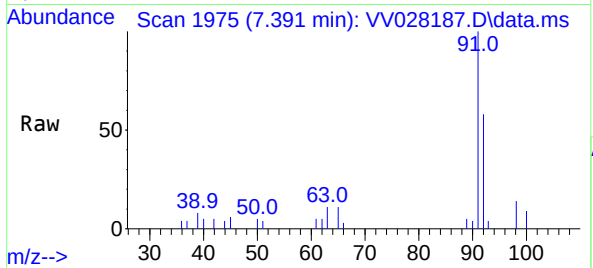
EXFQ2

Tgt Ion: 91 Resp: 7349

Ion Ratio Lower Upper

91 100

92 58.1 40.2 74.6



#61

1,2,3-Trichloropropane

Concen: 1.136 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV028187.D

Acq: 29 Sep 2022 15:22

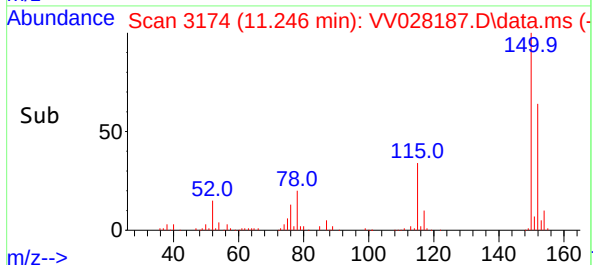
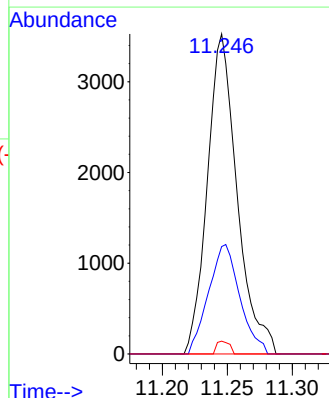
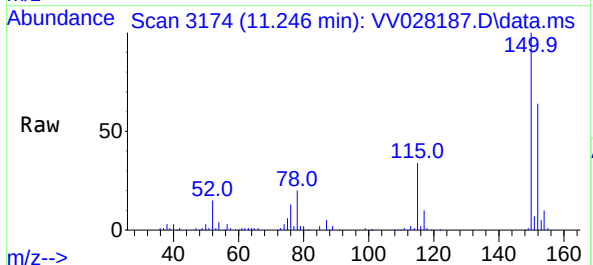
Tgt Ion: 75 Resp: 5608

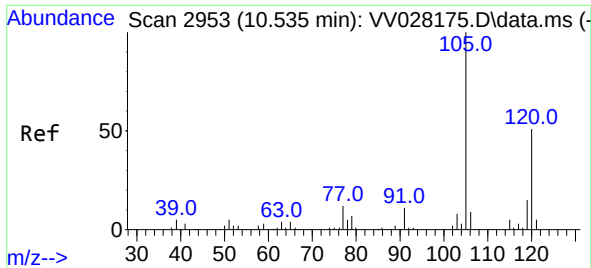
Ion Ratio Lower Upper

75 100

77 36.1 26.7 40.1

110 1.7 30.1 45.1





#62
1,3,5-Trimethylbenzene
Concen: 0.043 ug/L
RT: 10.921 min Scan# 30
Delta R.T. 0.386 min
Lab File: VV028187.D
Acq: 29 Sep 2022 15:22

Instrument :
MSVOA_V
ClientSampleId :
EXFQ2

Tgt Ion:105 Resp: 414
Ion Ratio Lower Upper
105 100
120 56.3 40.6 61.0

