

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW093022\
 Data File : VW028247.D
 Acq On : 01 Oct 2022 00:08
 Operator : SY/MD
 Sample : N4866-03DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFP9DL

Quant Time: Oct 01 02:18:55 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)

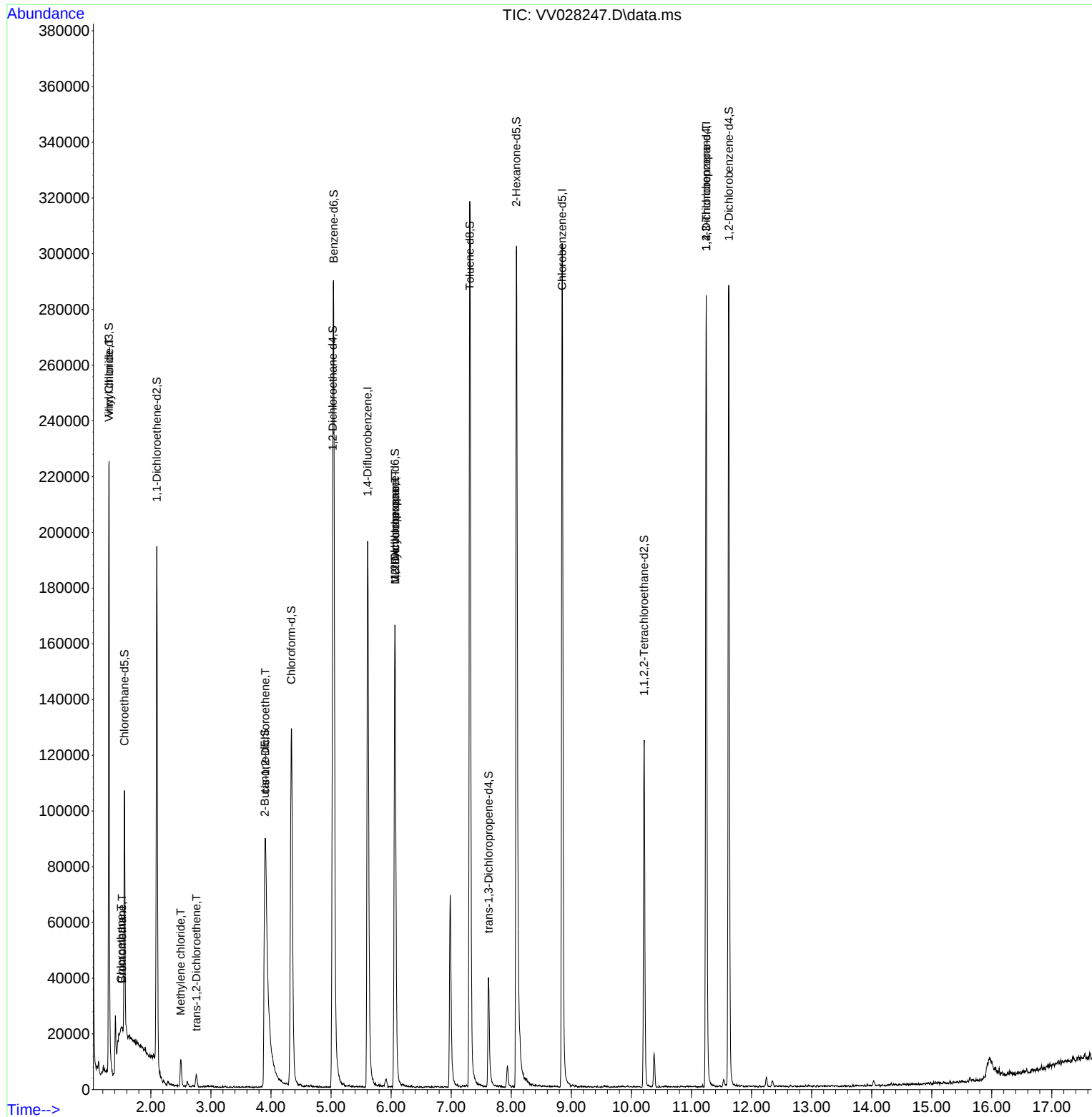
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	183338	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	183081	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	62082	3.266	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.561	69	56690	3.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.098	63	91670	2.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.600%#
20) 2-Butanone-d5	3.896	46	150058	46.763	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.520%
24) Chloroform-d	4.339	84	139274	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.027	65	65496	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.043	84	274499	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.063	67	87737	4.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.310	98	226778	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.622	79	25027	3.702	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.085	63	119079	42.205	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61020	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	82625	5.072	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	88132	6.199	ug/L	100
6) Bromomethane	1.520	94	847	0.091	ug/L	87
8) Chloroethane	1.503	64	6964	0.730	ug/L #	52
16) Methylene chloride	2.497	84	4457	0.315	ug/L	86
18) trans-1,2-Dichloroethene	2.757	96	1827	0.165	ug/L	89
22) cis-1,2-Dichloroethene	3.905	96	18042	1.240	ug/L	96
35) Methylcyclohexane	6.066	83	21165	1.220	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8876	0.623	ug/L #	87
61) 1,2,3-Trichloropropane	11.246	75	8301	1.192	ug/L #	64

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

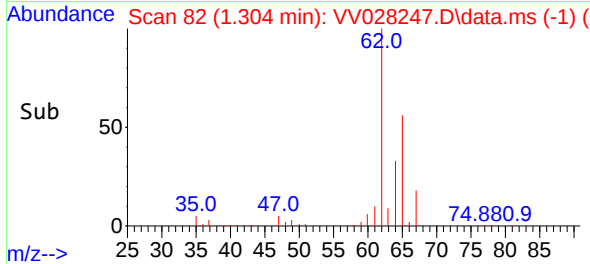
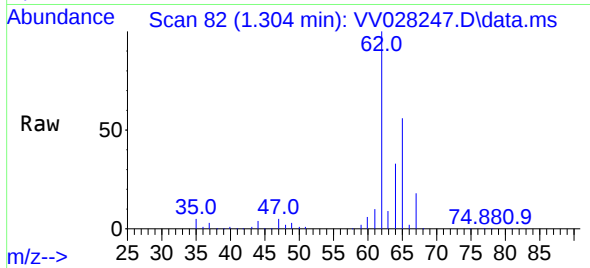
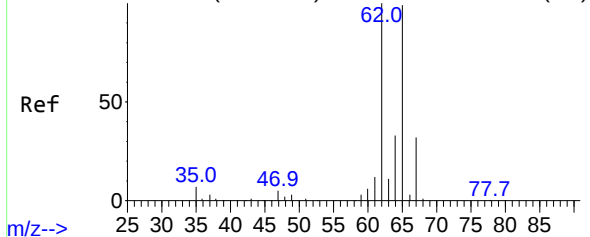
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Abundance Scan 82 (1.304 min): VV028241.D\data.ms (-73)



#5

Vinyl chloride

Concen: 6.199 ug/L

RT: 1.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV028247.D

Acq: 01 Oct 2022 00:08

Instrument :

MSVOA_V

ClientSampleId :

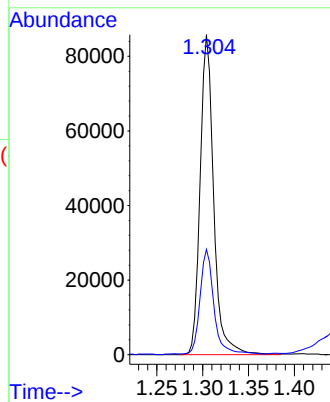
EXFP9DL

Tgt Ion: 62 Resp: 88132

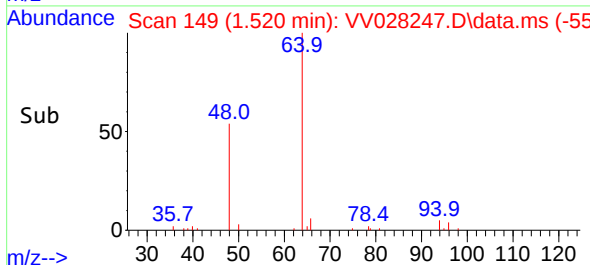
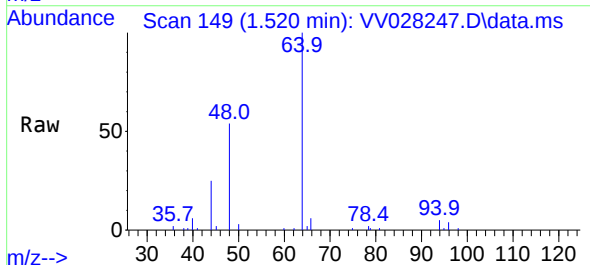
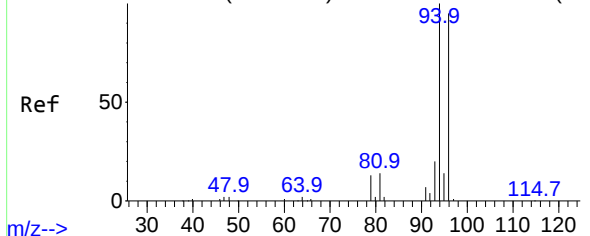
Ion Ratio Lower Upper

62 100

64 32.9 23.0 42.8



Abundance Scan 148 (1.516 min): VV028241.D\data.ms (-13)



#6

Bromomethane

Concen: 0.091 ug/L

RT: 1.520 min Scan# 149

Delta R.T. 0.003 min

Lab File: VV028247.D

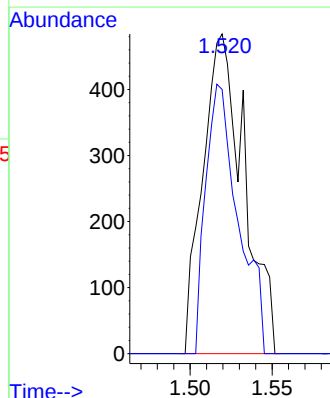
Acq: 01 Oct 2022 00:08

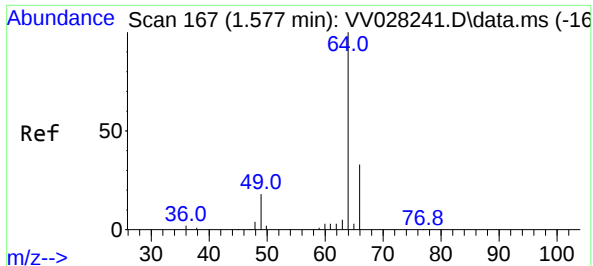
Tgt Ion: 94 Resp: 847

Ion Ratio Lower Upper

94 100

96 82.6 66.7 123.9

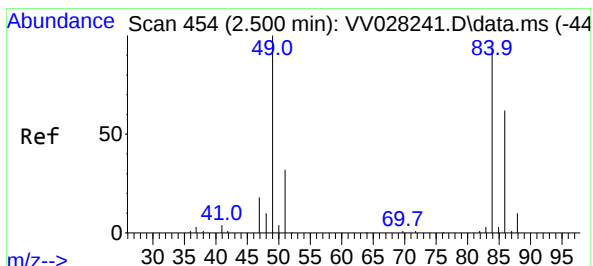
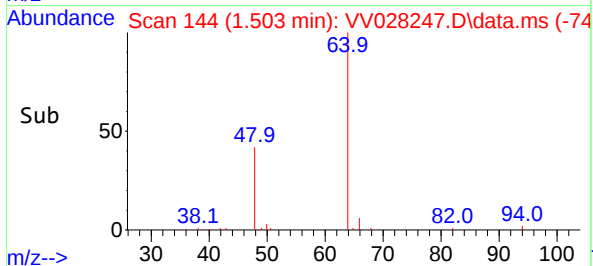
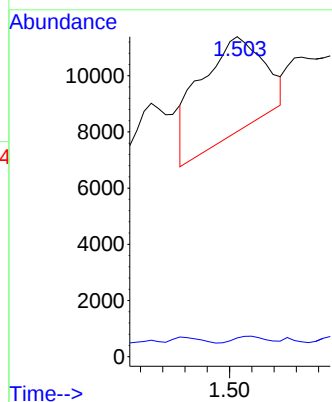
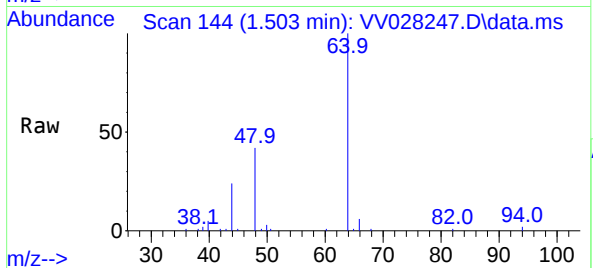




#8
Chloroethane
Concen: 0.730 ug/L
RT: 1.503 min Scan# 14
Delta R.T. -0.074 min
Lab File: VV028247.D
Acq: 01 Oct 2022 00:08

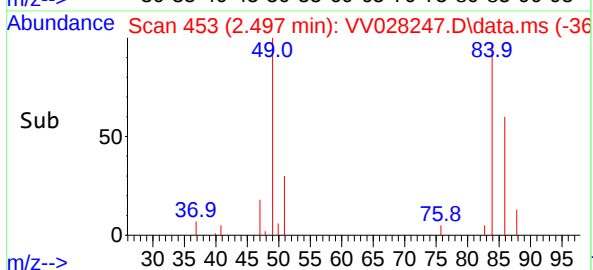
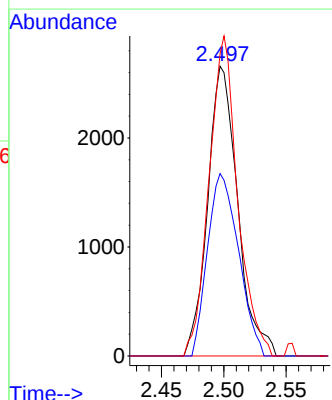
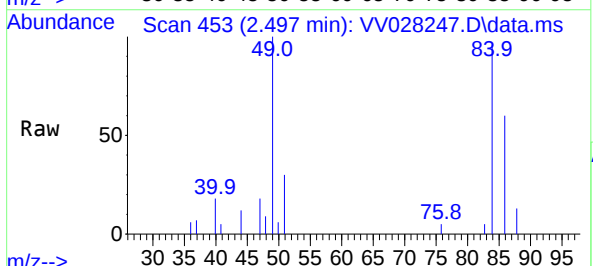
Instrument :
MSVOA_V
ClientSampleId :
EXFP9DL

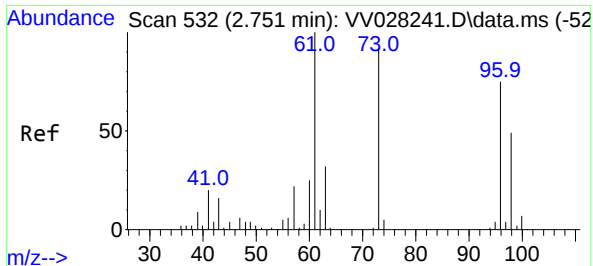
Tgt Ion: 64 Resp: 6964
Ion Ratio Lower Upper
64 100
66 5.8 23.0 42.8#



#16
Methylene chloride
Concen: 0.315 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV028247.D
Acq: 01 Oct 2022 00:08

Tgt Ion: 84 Resp: 4457
Ion Ratio Lower Upper
84 100
86 62.9 46.8 86.8
49 104.3 87.5 162.5

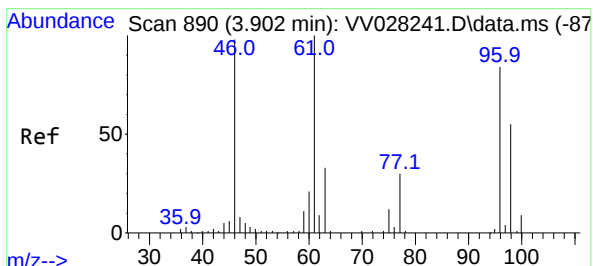
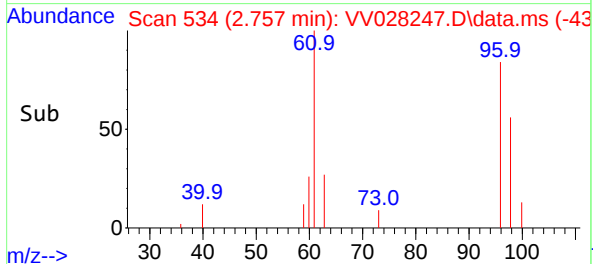
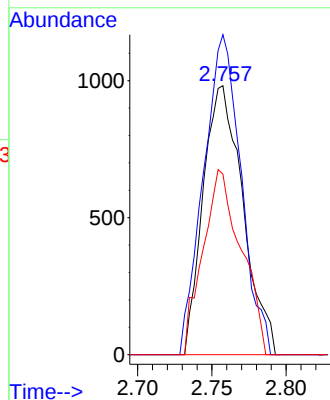
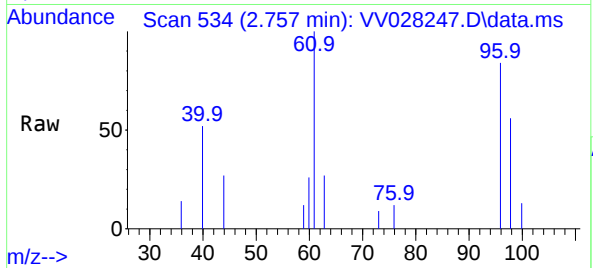




#18
trans-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028247.D
Acq: 01 Oct 2022 00:08

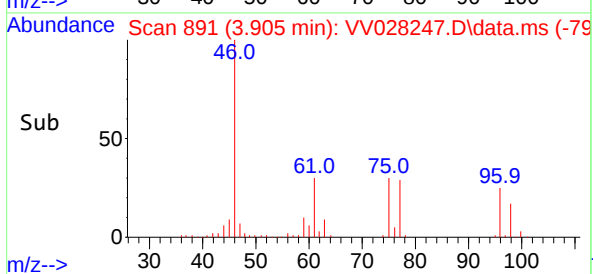
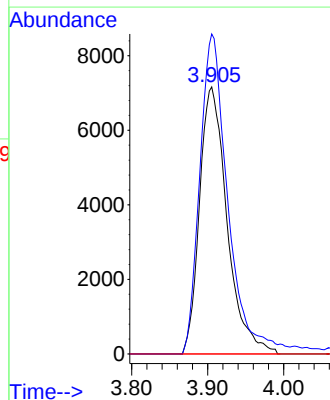
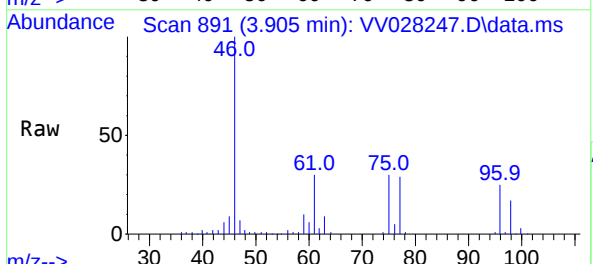
Instrument :
MSVOA_V
ClientSampleId :
EXFP9DL

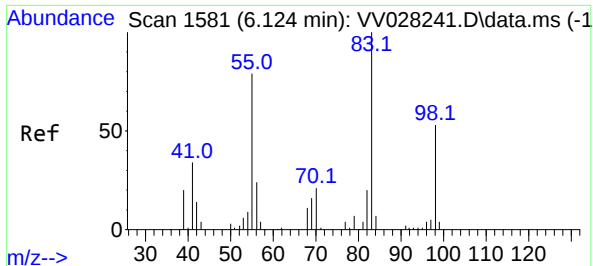
Tgt Ion: 96 Resp: 1827
Ion Ratio Lower Upper
96 100
61 118.9 96.2 178.6
98 67.1 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 1.240 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV028247.D
Acq: 01 Oct 2022 00:08

Tgt Ion: 96 Resp: 18042
Ion Ratio Lower Upper
96 100
61 119.9 87.2 161.9
68 0.0 0.0 0.0

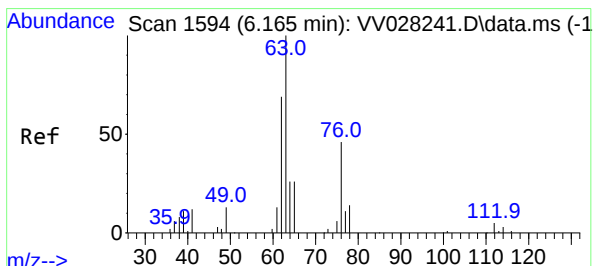
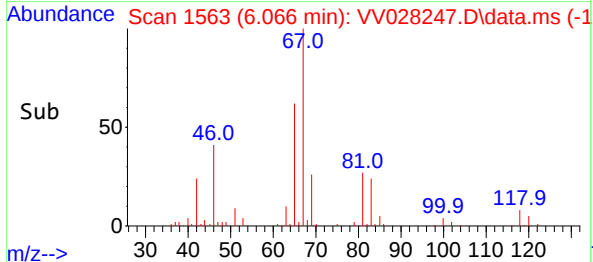
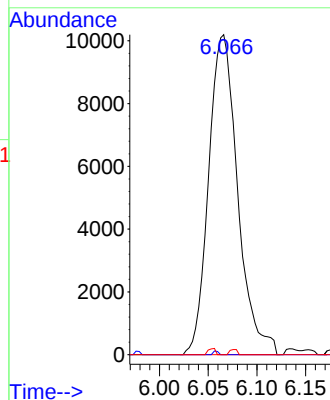
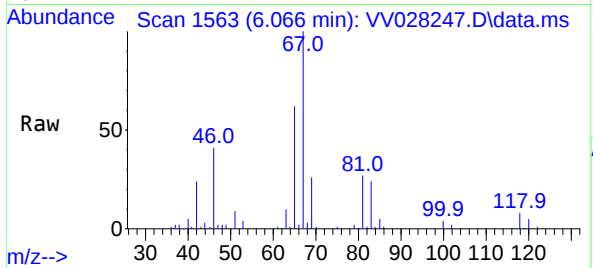




#35
Methylcyclohexane
Concen: 1.220 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028247.D
Acq: 01 Oct 2022 00:08

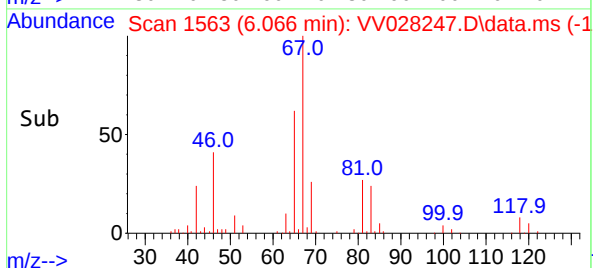
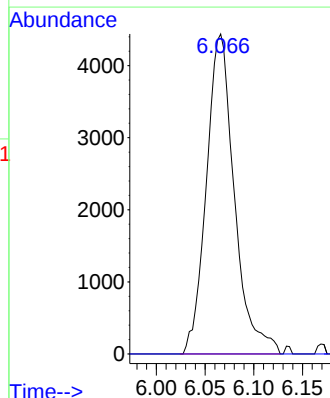
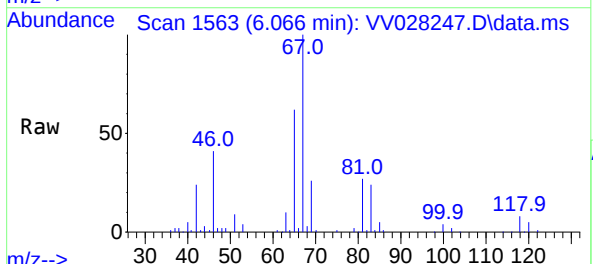
Instrument :
MSVOA_V
ClientSampleId :
EXFP9DL

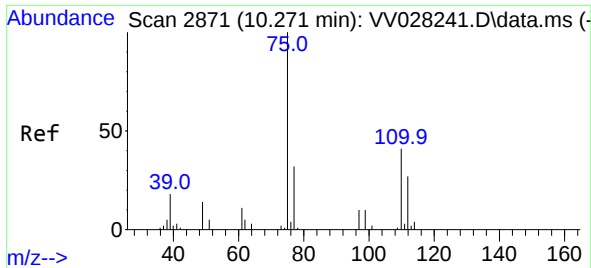
Tgt Ion: 83 Resp: 21165
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 0.4 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV028247.D
Acq: 01 Oct 2022 00:08

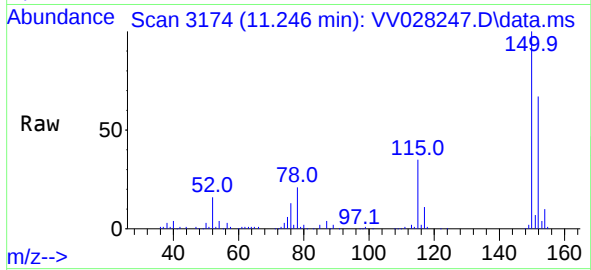
Tgt Ion: 63 Resp: 8876
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.192 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV028247.D
 Acq: 01 Oct 2022 00:08

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 75 Resp: 8301
 Ion Ratio Lower Upper
 75 100
 77 27.6 26.7 40.1
 110 2.1 30.1 45.1#

