

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028185.D
 Acq On : 29 Sep 2022 14:34
 Operator : SY/MD
 Sample : N4866-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFP9

Quant Time: Sep 30 01:47:40 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)

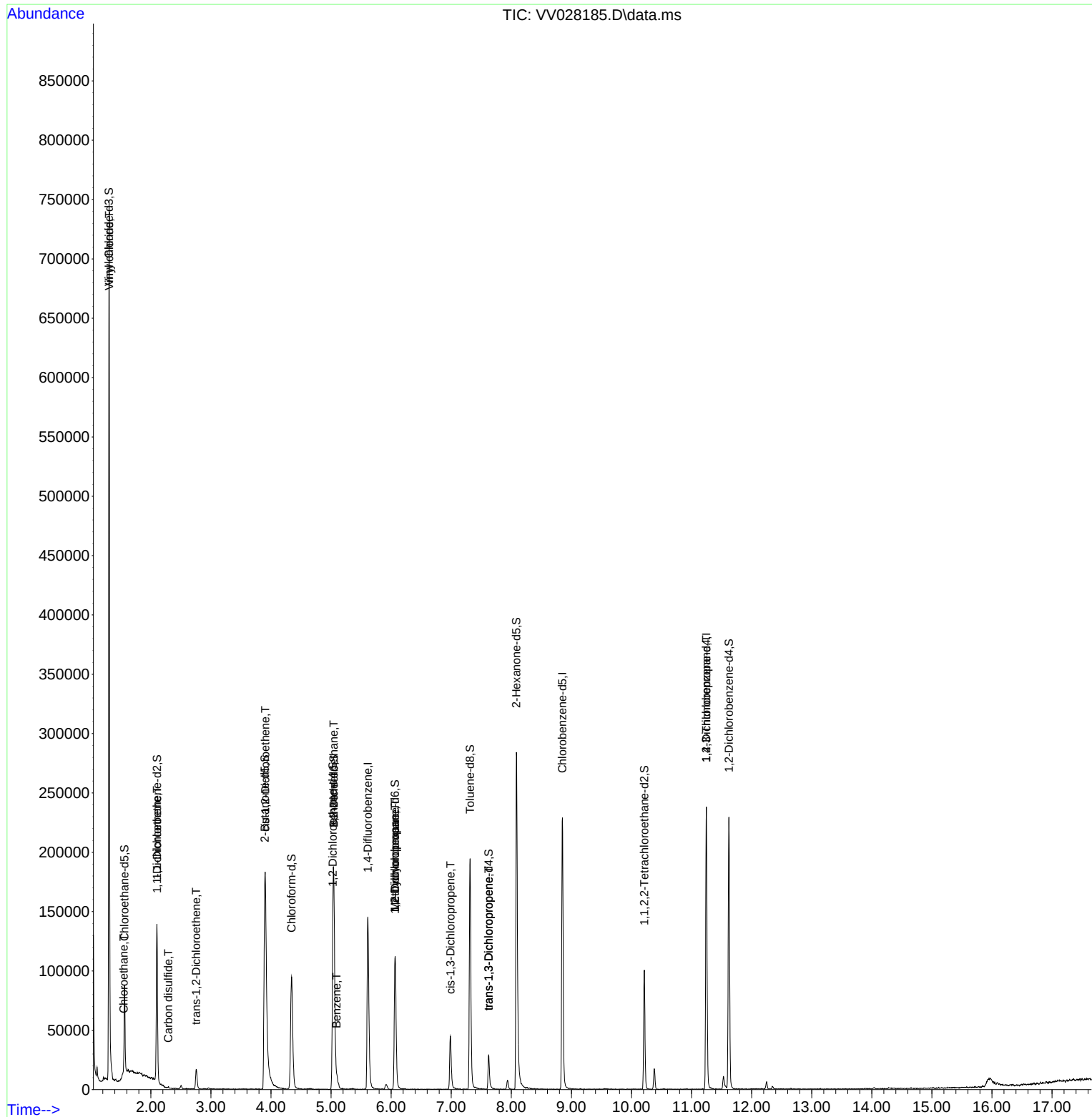
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	136994	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	141096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	67852	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49017	3.451	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.561	69	47357	4.194	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.101	63	65851	2.673	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.400%#
20) 2-Butanone-d5	3.895	46	148157	61.790	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.580%
24) Chloroform-d	4.342	84	104920	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.027	65	49035	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.043	84	177506	3.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	6.066	67	57372	3.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.313	98	138390	3.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.622	79	18532	3.557	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.200%
46) 2-Hexanone-d5	8.085	63	103753	47.715	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.440%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	48585	4.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	67650	5.083	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
5) Vinyl chloride	1.304	62	428559	40.342	ug/L	99
8) Chloroethane	1.548	64	15602	2.190	ug/L #	57
12) 1,1-Dichloroethene	2.104	96	999	0.106	ug/L #	1
14) Carbon disulfide	2.288	76	1322	0.073	ug/L #	74
18) trans-1,2-Dichloroethene	2.754	96	6714	0.810	ug/L	90
22) cis-1,2-Dichloroethene	3.905	96	74838	6.882	ug/L	94
27) 1,2-Dichloroethane	5.043	62	1006	0.097	ug/L #	76
33) Benzene	5.091	78	6758	0.172	ug/L	100
35) Methylcyclohexane	6.066	83	15488	1.158	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	6349	0.578	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1074	0.079	ug/L #	64
44) trans-1,3-Dichloropropene	7.622	75	876	0.075	ug/L	89
61) 1,2,3-Trichloropropane	11.246	75	6007	1.056	ug/L #	67

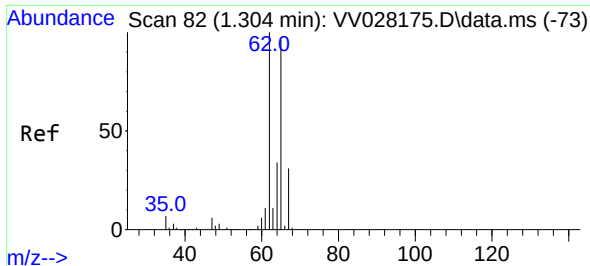
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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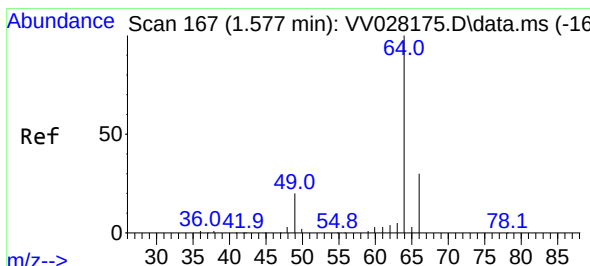
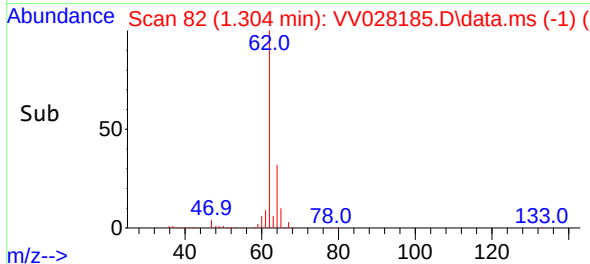
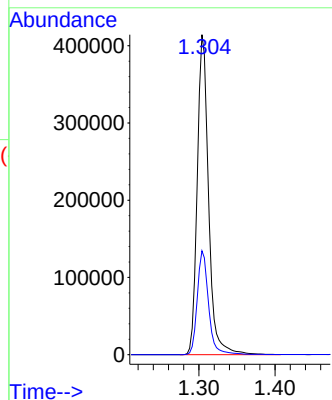
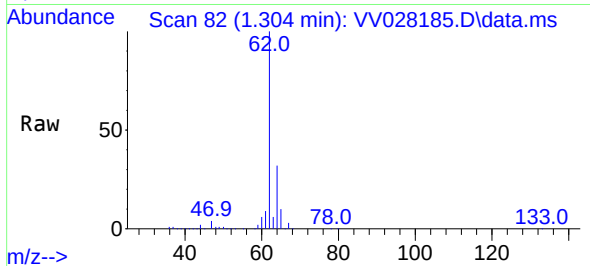




#5
 Vinyl chloride
 Concen: 40.342 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028185.D
 Acq: 29 Sep 2022 14:34

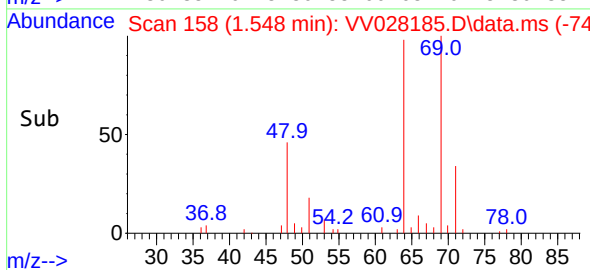
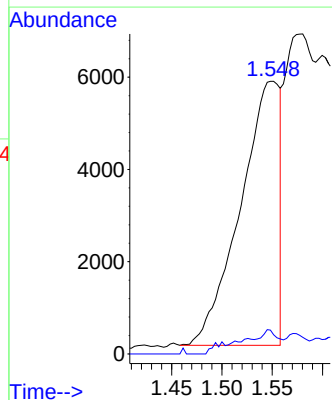
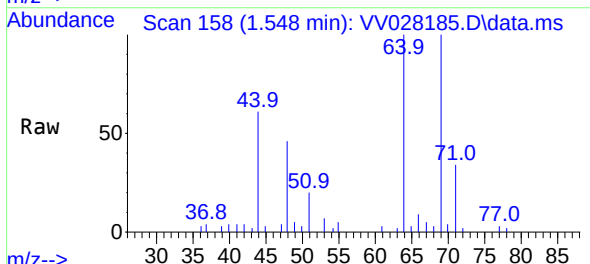
Instrument :
 MSVOA_V
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 EXFP9

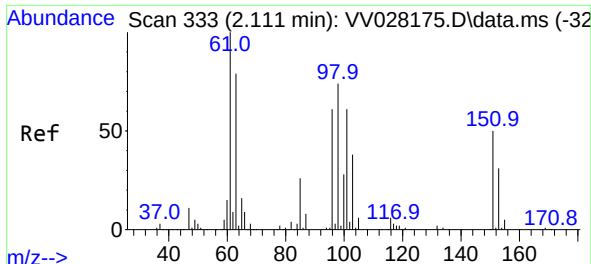
Tgt Ion: 62 Resp: 428559
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.0 42.8



#8
 Chloroethane
 Concen: 2.190 ug/L
 RT: 1.548 min Scan# 158
 Delta R.T. -0.029 min
 Lab File: VV028185.D
 Acq: 29 Sep 2022 14:34

Tgt Ion: 64 Resp: 15602
 Ion Ratio Lower Upper
 64 100
 66 8.7 23.0 42.8





#12

1,1-Dichloroethene

Concen: 0.106 ug/L

RT: 2.104 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV028185.D

Acq: 29 Sep 2022 14:34

Instrument :

MSVOA_V

ClientSampleId :

EXFP9

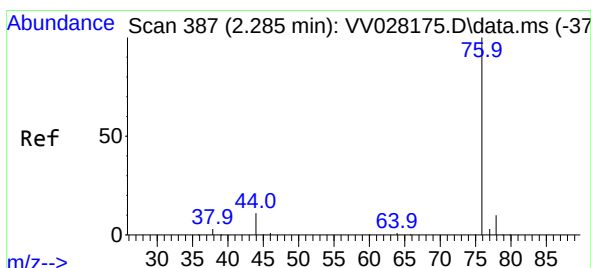
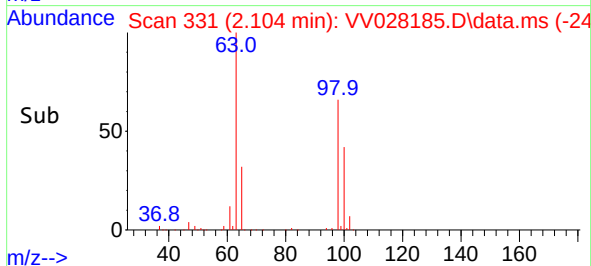
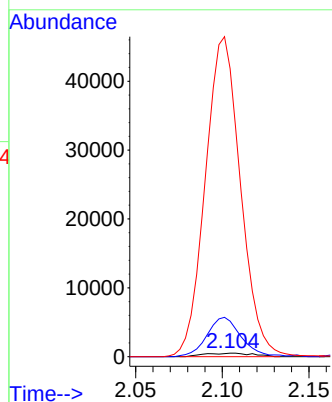
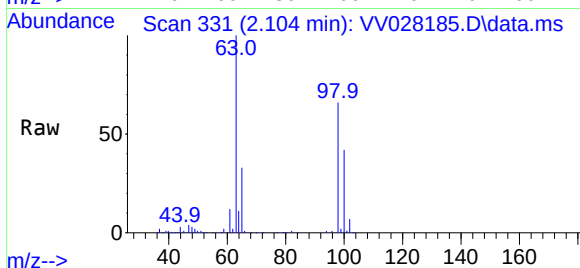
Tgt Ion: 96 Resp: 999

Ion Ratio Lower Upper

96 100

61 986.8 128.3 238.3#

63 8012.3 112.7 209.3#



#14

Carbon disulfide

Concen: 0.073 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV028185.D

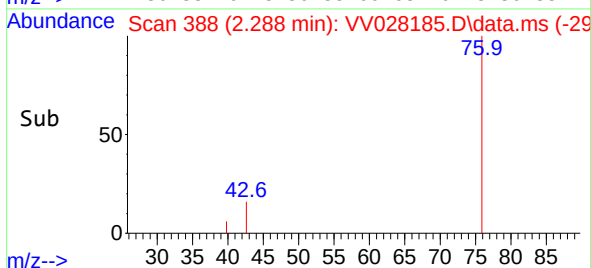
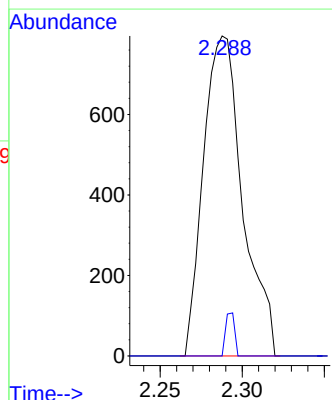
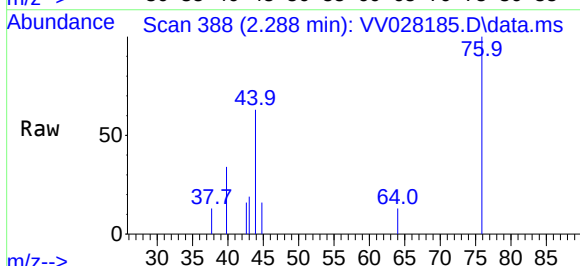
Acq: 29 Sep 2022 14:34

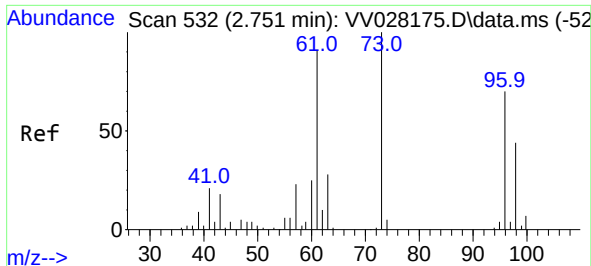
Tgt Ion: 76 Resp: 1322

Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#

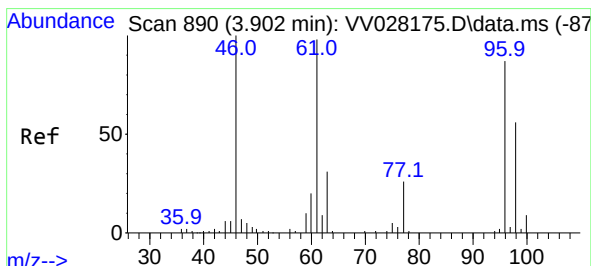
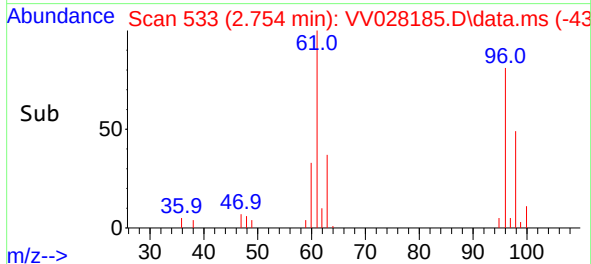
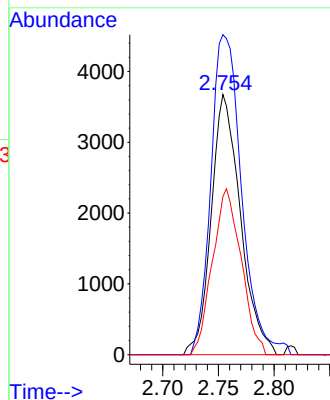
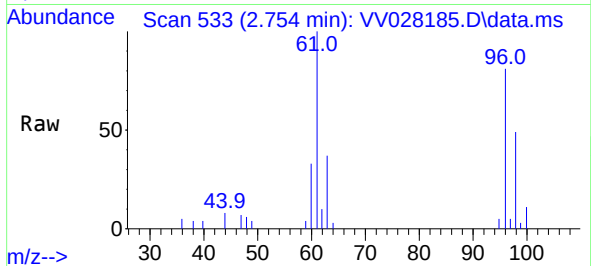




#18
trans-1,2-Dichloroethene
Concen: 0.810 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028185.D
Acq: 29 Sep 2022 14:34

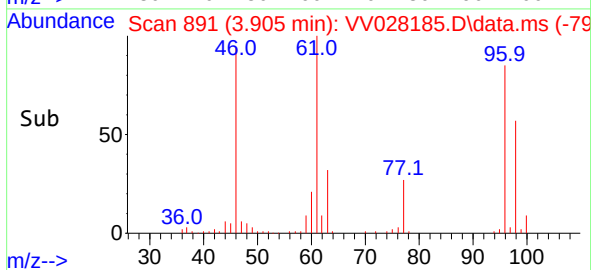
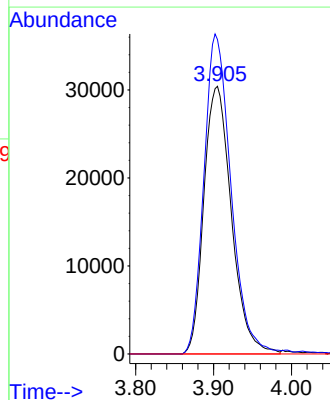
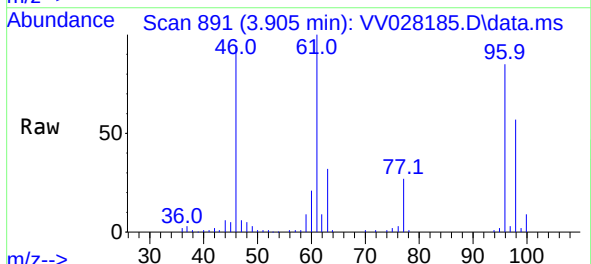
Instrument :
MSVOA_V
ClientSampleId :
EXFP9

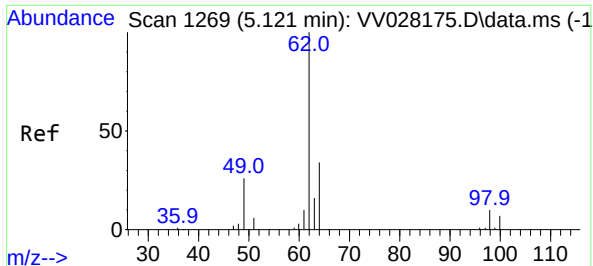
Tgt Ion: 96 Resp: 6714
Ion Ratio Lower Upper
96 100
61 123.0 96.2 178.6
98 60.8 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 6.882 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV028185.D
Acq: 29 Sep 2022 14:34

Tgt Ion: 96 Resp: 74838
Ion Ratio Lower Upper
96 100
61 117.5 87.2 161.9
68 0.0 0.0 0.0

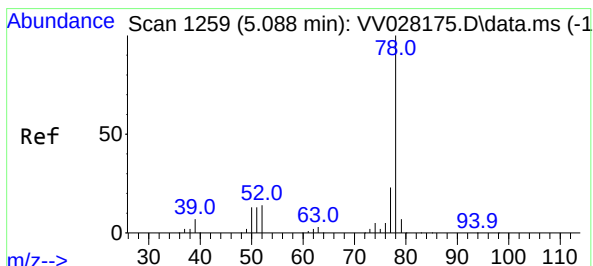
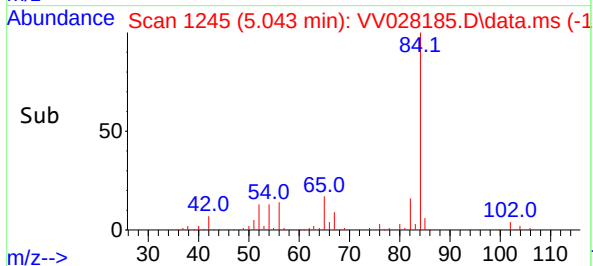
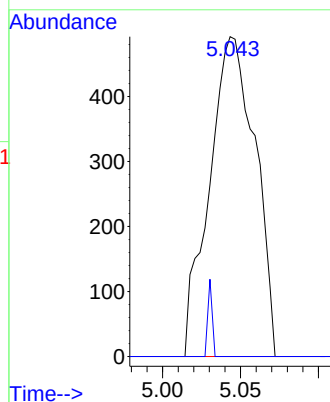
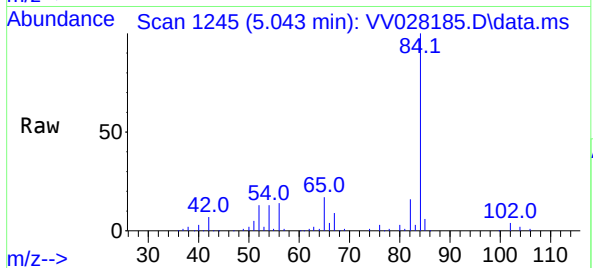




#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 5.043 min Scan# 11
Delta R.T. -0.081 min
Lab File: VV028185.D
Acq: 29 Sep 2022 14:34

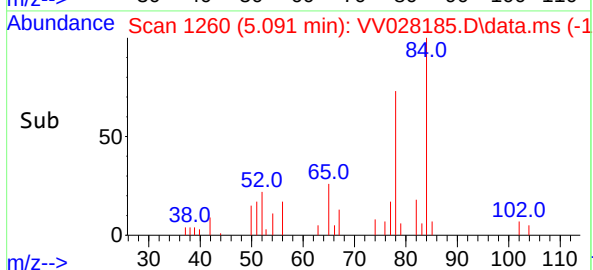
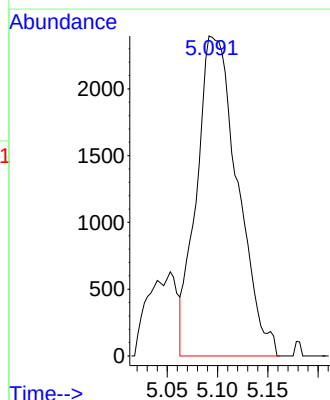
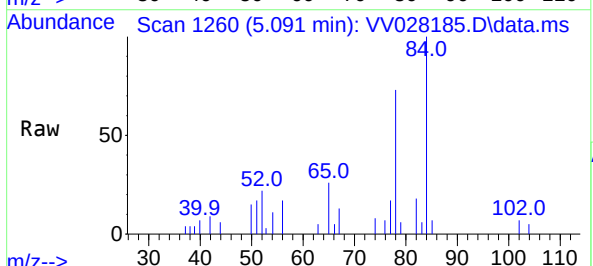
Instrument :
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EXFP9

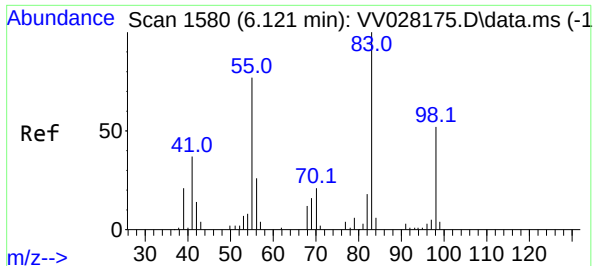
Tgt Ion: 62 Resp: 1006
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#



#33
Benzene
Concen: 0.172 ug/L
RT: 5.091 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028185.D
Acq: 29 Sep 2022 14:34

Tgt Ion: 78 Resp: 6758

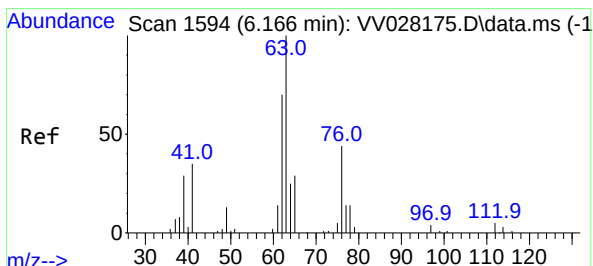
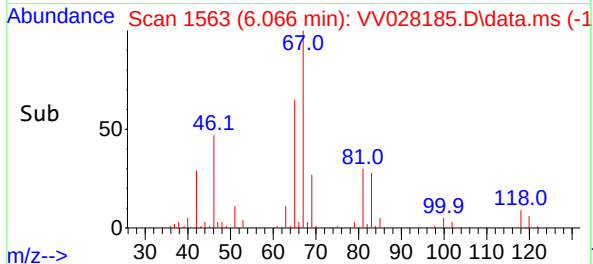
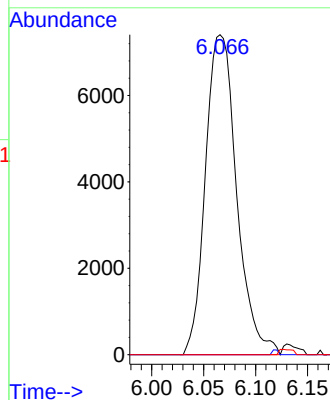
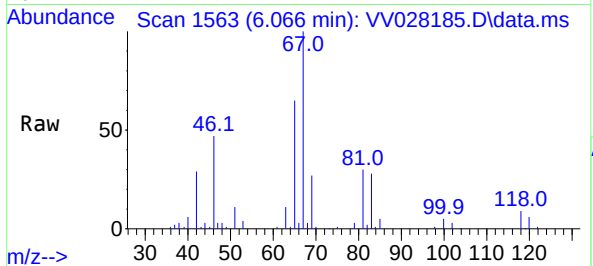




#35
Methylcyclohexane
Concen: 1.158 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028185.D
Acq: 29 Sep 2022 14:34

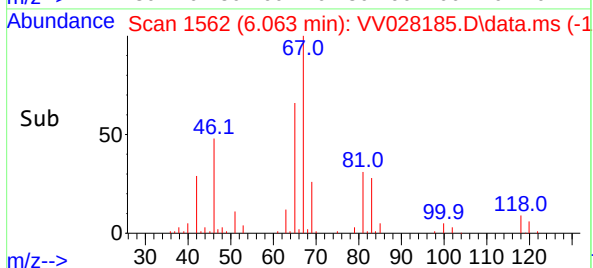
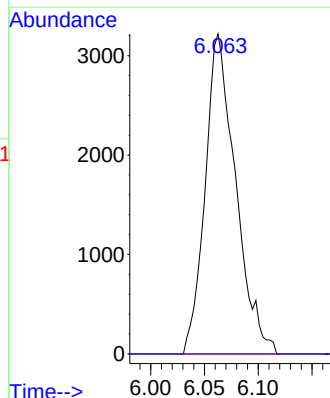
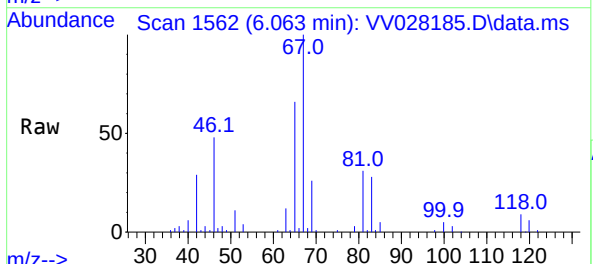
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ClientSampleId :
EXFP9

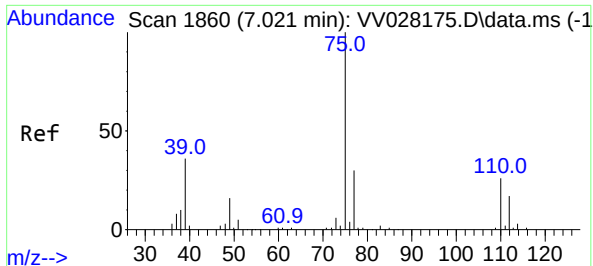
Tgt Ion: 83 Resp: 15488
Ion Ratio Lower Upper
83 100
55 0.3 64.7 97.1#
98 0.7 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV028185.D
Acq: 29 Sep 2022 14:34

Tgt Ion: 63 Resp: 6349
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV028185.D

Acq: 29 Sep 2022 14:34

Instrument :

MSVOA_V

ClientSampleId :

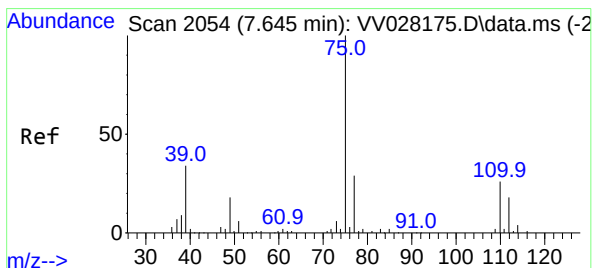
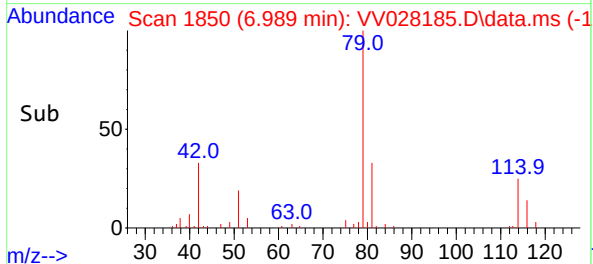
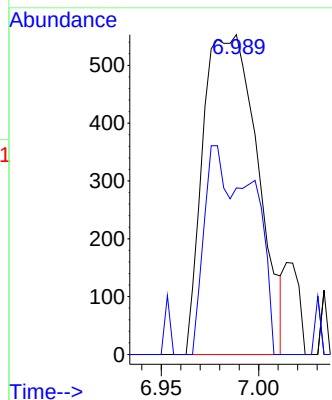
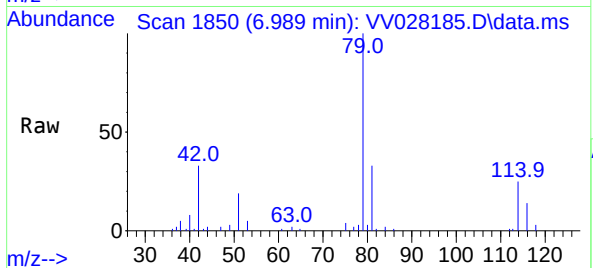
EXFP9

Tgt Ion: 75 Resp: 1074

Ion Ratio Lower Upper

75 100

77 52.1 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.023 min

Lab File: VV028185.D

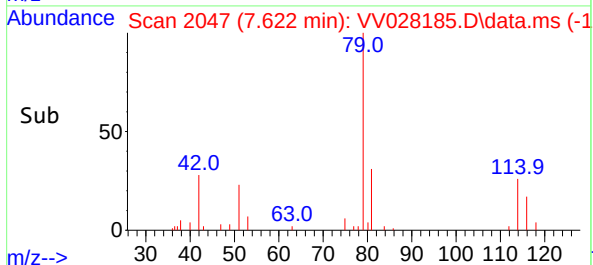
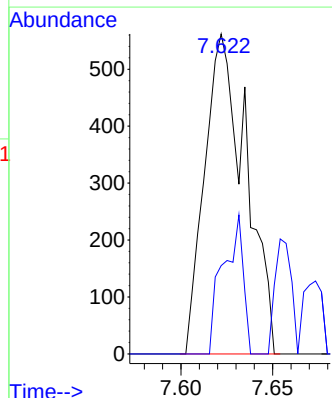
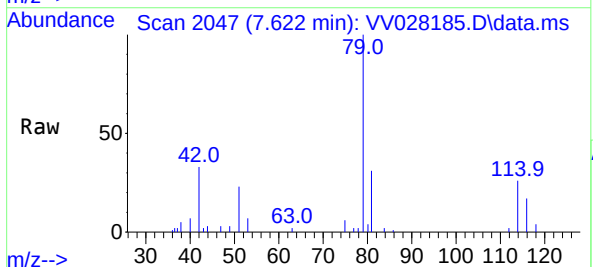
Acq: 29 Sep 2022 14:34

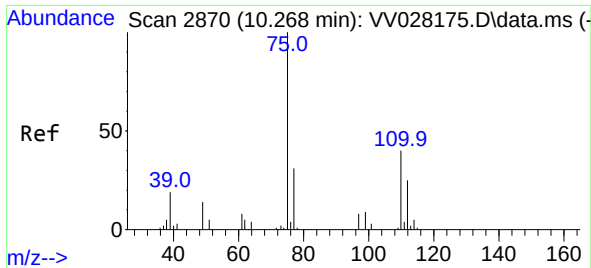
Tgt Ion: 75 Resp: 876

Ion Ratio Lower Upper

75 100

77 27.6 23.9 44.3





#61
1,2,3-Trichloropropane
Concen: 1.056 ug/L
RT: 11.246 min Scan# 31
Delta R.T. 0.977 min
Lab File: VV028185.D
Acq: 29 Sep 2022 14:34

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EXFP9

Tgt Ion: 75	Resp: 6007
Ion Ratio	Lower Upper
75	100
77	34.6 26.7 40.1
110	1.8 30.1 45.1#

