

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028264.D
 Acq On : 01 Oct 2022 07:13
 Operator : SY/MD
 Sample : N4730-08DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFS0DL

Quant Time: Oct 03 01:29:02 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)

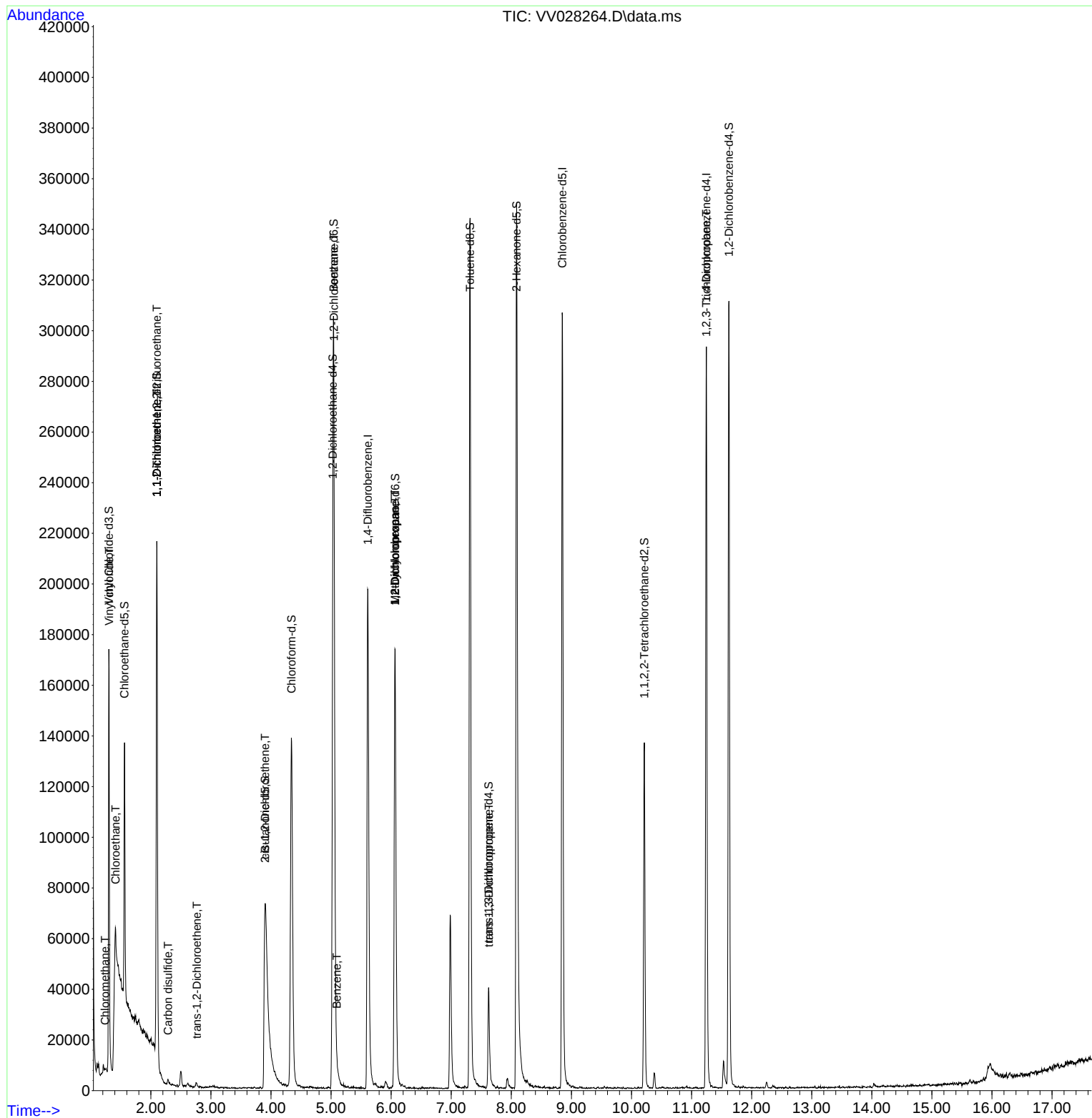
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	185010	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	183659	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	69432	3.620	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.561	69	63736	4.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.098	63	104440	3.139	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.899	46	157283	48.572	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.140%
24) Chloroform-d	4.339	84	152725	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.027	65	69749	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.043	84	290680	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.066	67	91283	4.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.313	98	243697	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.622	79	25303	3.731	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.088	63	136088	48.081	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.160%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	65856	5.132	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	89220	5.566	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	800	0.044	ug/L	88
5) Vinyl chloride	1.304	62	43199	3.011	ug/L	95
8) Chloroethane	1.413	64	155646	16.178	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1160	0.088	ug/L #	23
12) 1,1-Dichloroethene	2.098	96	1156	0.090	ug/L #	1
14) Carbon disulfide	2.285	76	2932	0.119	ug/L #	91
18) trans-1,2-Dichloroethene	2.764	96	587	0.052	ug/L #	54
22) cis-1,2-Dichloroethene	3.902	96	2770	0.189	ug/L	92
27) 1,2-Dichloroethane	5.047	62	1652	0.118	ug/L #	76
33) Benzene	5.095	78	3016	0.059	ug/L	100
35) Methylcyclohexane	6.063	83	22479	1.291	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	9155	0.640	ug/L #	87
44) trans-1,3-Dichloropropene	7.625	75	1206	0.079	ug/L #	55
61) 1,2,3-Trichloropropane	11.243	75	8027	1.171	ug/L #	67

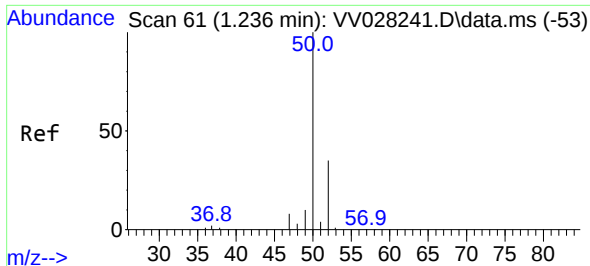
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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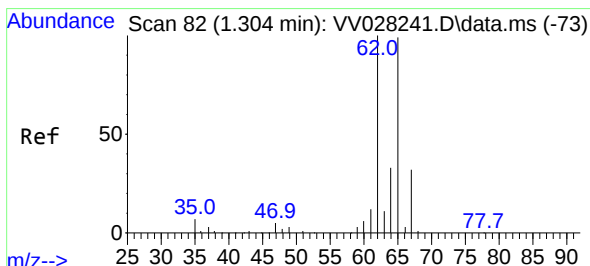
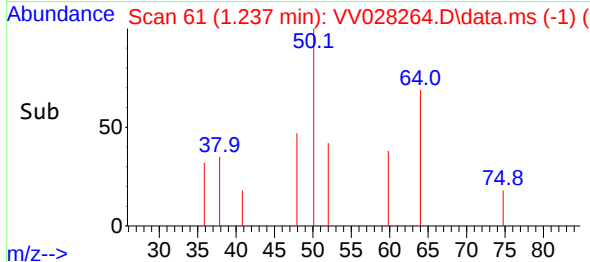
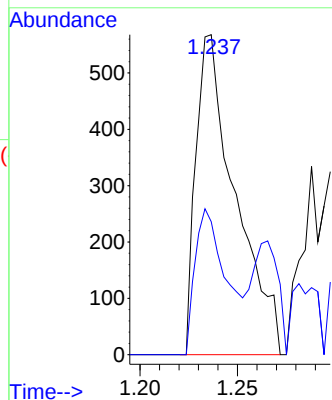
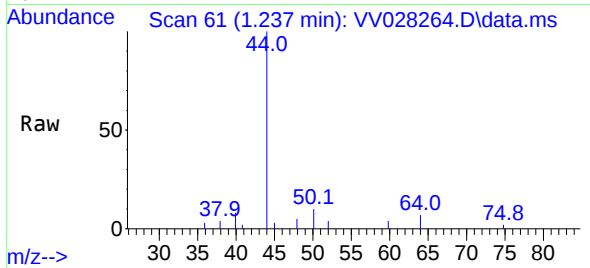




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028264.D
Acq: 01 Oct 2022 07:13

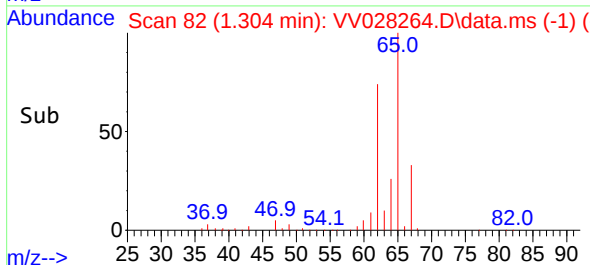
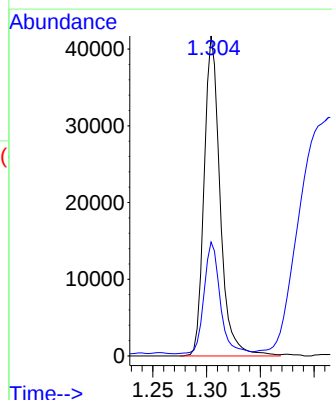
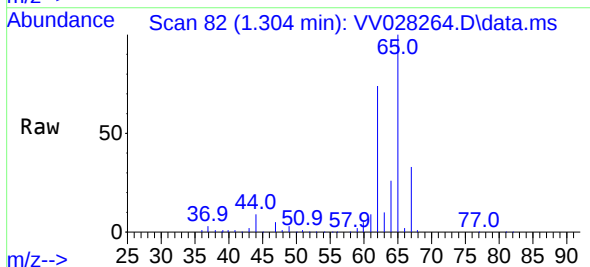
Instrument :
MSVOA_V
ClientSampleId :
EXFS0DL

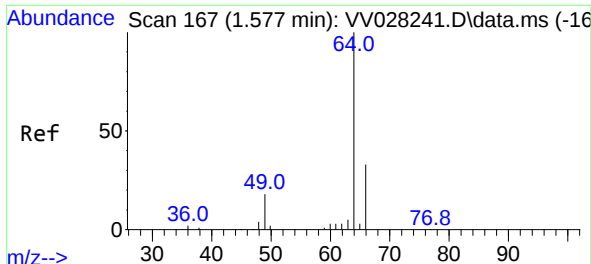
Tgt Ion: 50 Resp: 800
Ion Ratio Lower Upper
50 100
52 41.5 24.4 45.2



#5
Vinyl chloride
Concen: 3.011 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028264.D
Acq: 01 Oct 2022 07:13

Tgt Ion: 62 Resp: 43199
Ion Ratio Lower Upper
62 100
64 35.6 23.0 42.8

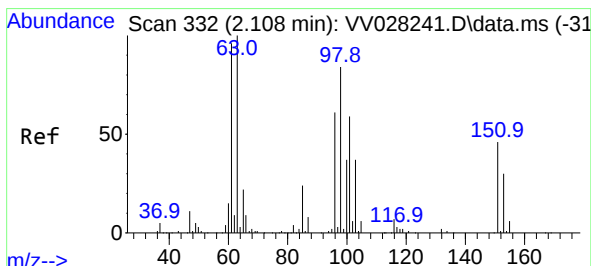
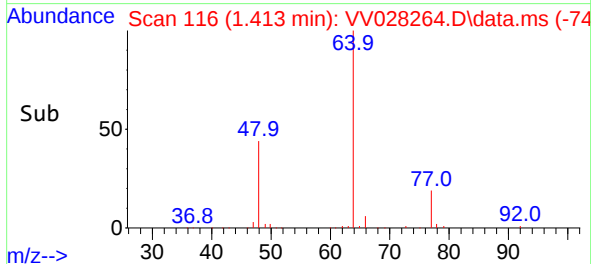
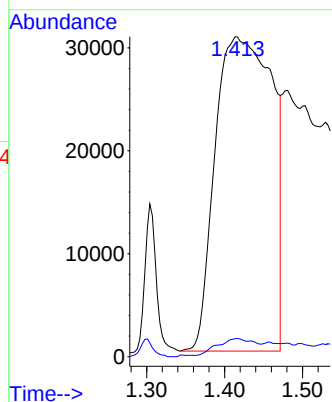
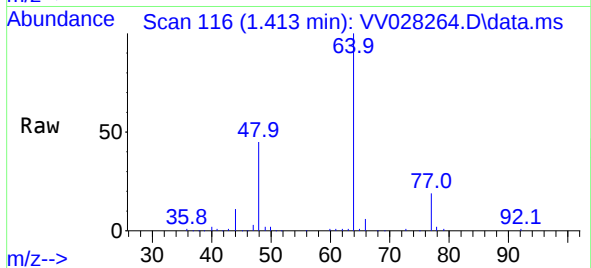




#8
Chloroethane
Concen: 16.178 ug/L
RT: 1.413 min Scan# 11
Delta R.T. -0.164 min
Lab File: VV028264.D
Acq: 01 Oct 2022 07:13

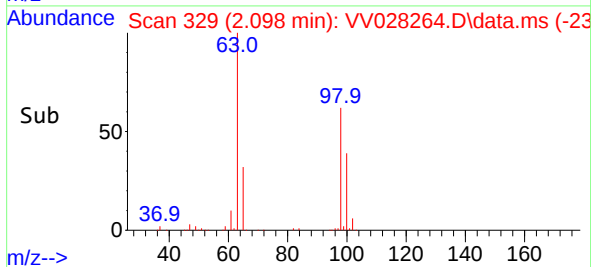
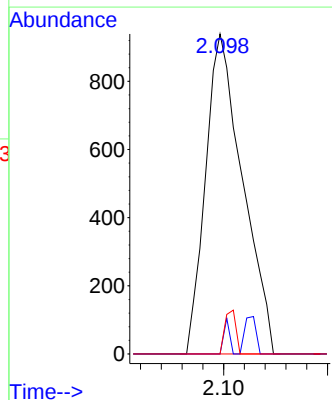
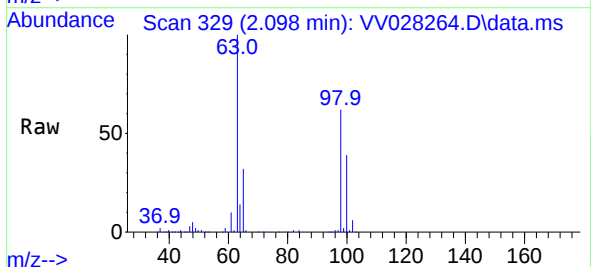
Instrument :
MSVOA_V
ClientSampleId :
EXFS0DL

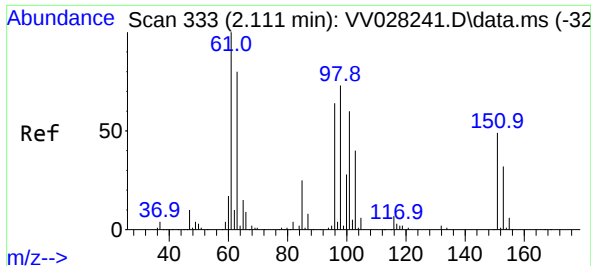
Tgt Ion: 64 Resp: 155646
Ion Ratio Lower Upper
64 100
66 5.6 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.088 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.010 min
Lab File: VV028264.D
Acq: 01 Oct 2022 07:13

Tgt Ion:101 Resp: 1160
Ion Ratio Lower Upper
101 100
85 1.7 34.4 51.6#
151 4.1 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.098 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV028264.D

Acq: 01 Oct 2022 07:13

Instrument :

MSVOA_V

ClientSampleId :

EXFS0DL

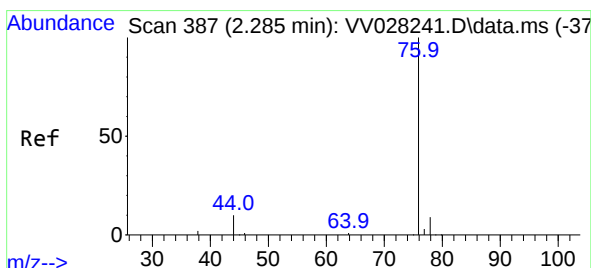
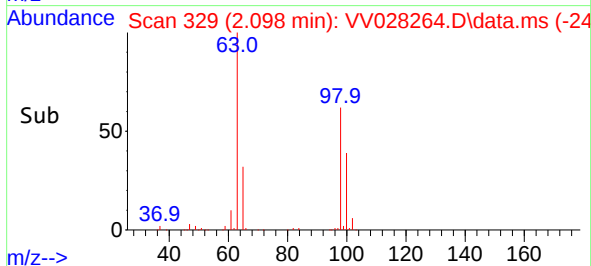
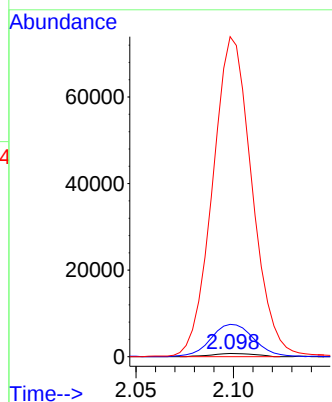
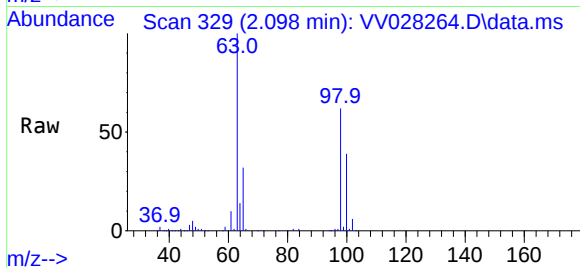
Tgt Ion: 96 Resp: 1156

Ion Ratio Lower Upper

96 100

61 1017.0 128.3 238.3#

63 10074.1 112.7 209.3#



#14

Carbon disulfide

Concen: 0.119 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV028264.D

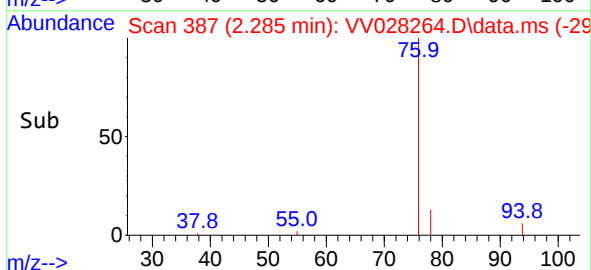
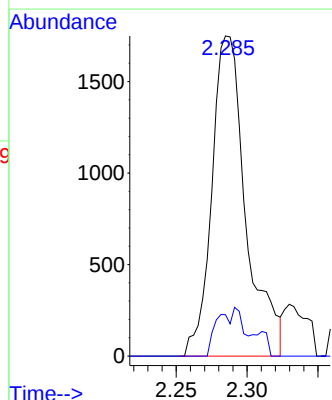
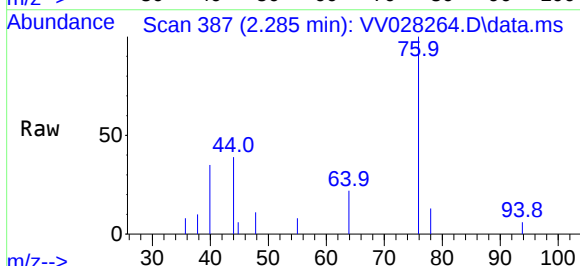
Acq: 01 Oct 2022 07:13

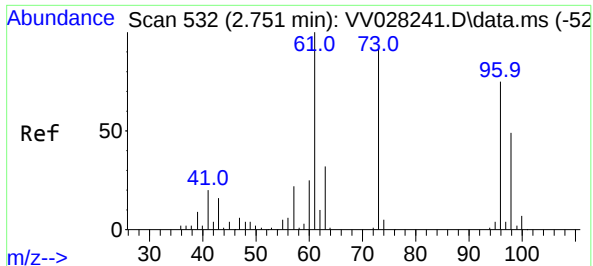
Tgt Ion: 76 Resp: 2932

Ion Ratio Lower Upper

76 100

78 12.9 7.6 11.4#

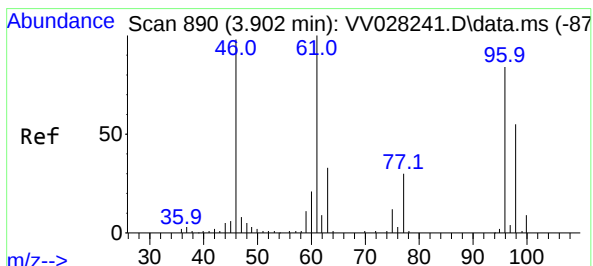
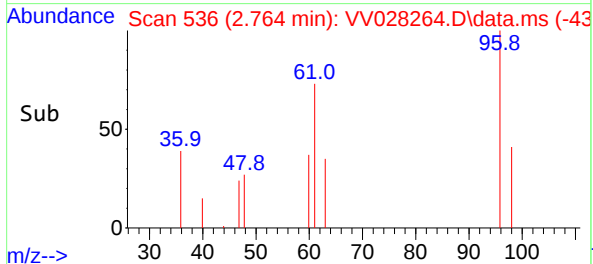
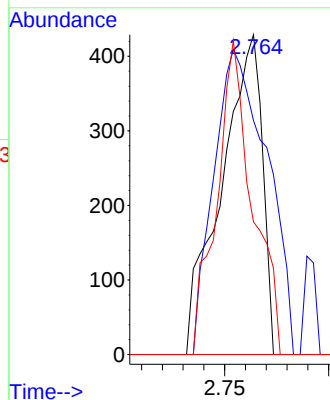
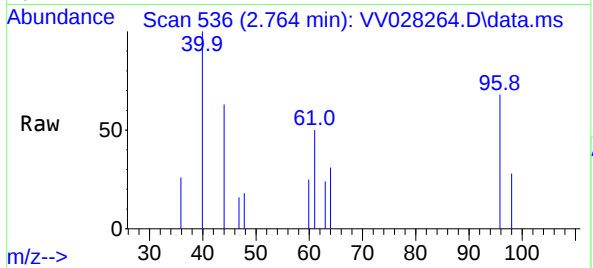




#18
trans-1,2-Dichloroethene
Concen: 0.052 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV028264.D
Acq: 01 Oct 2022 07:13

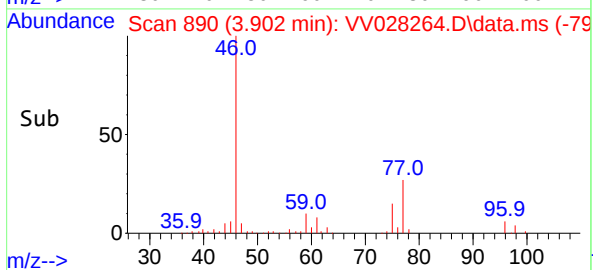
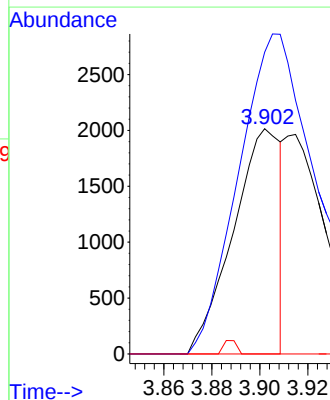
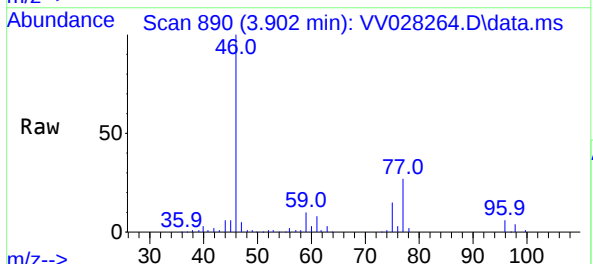
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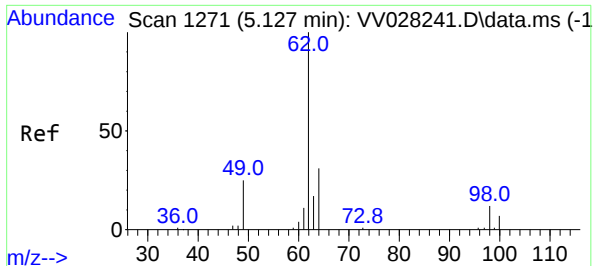
Tgt Ion: 96 Resp: 587
Ion Ratio Lower Upper
96 100
61 73.2 96.2 178.6#
98 41.5 45.7 84.9#



#22
cis-1,2-Dichloroethene
Concen: 0.189 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028264.D
Acq: 01 Oct 2022 07:13

Tgt Ion: 96 Resp: 2770
Ion Ratio Lower Upper
96 100
61 133.9 87.2 161.9
68 0.0 0.0 0.0

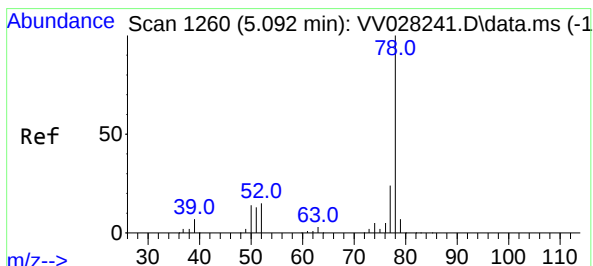
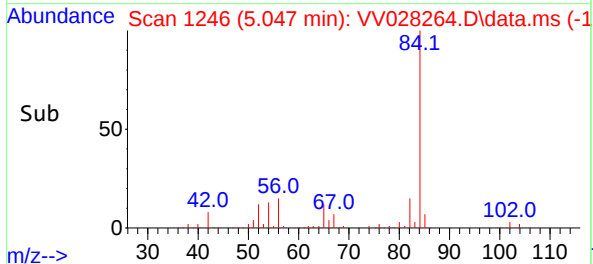
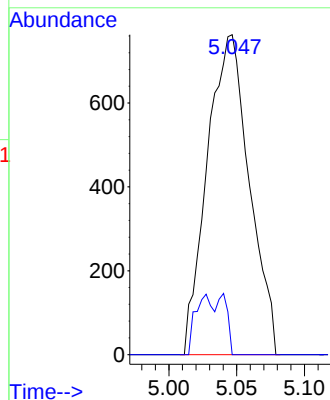
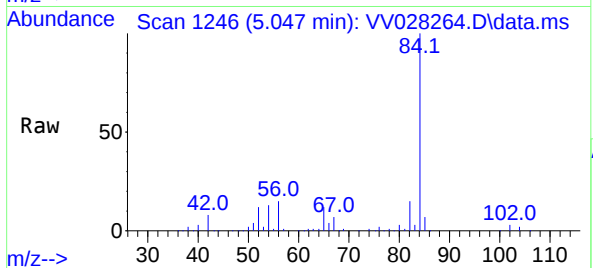




#27
1,2-Dichloroethane
Concen: 0.118 ug/L
RT: 5.047 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV028264.D
Acq: 01 Oct 2022 07:13

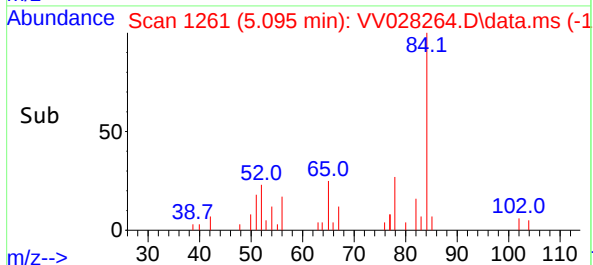
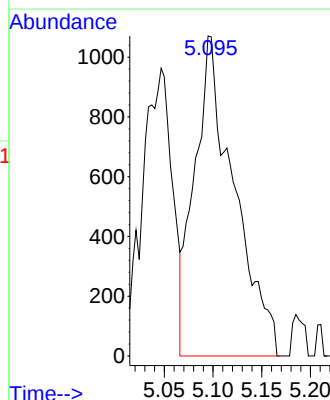
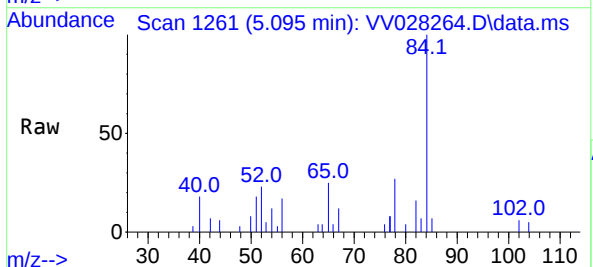
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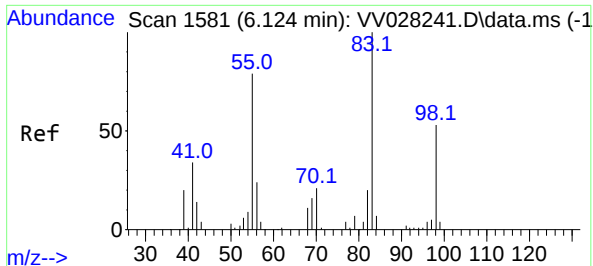
Tgt Ion: 62 Resp: 1652
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#



#33
Benzene
Concen: 0.059 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV028264.D
Acq: 01 Oct 2022 07:13

Tgt Ion: 78 Resp: 3016

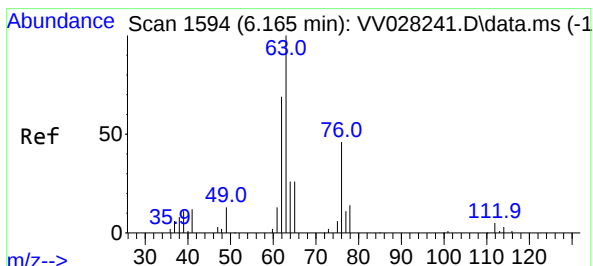
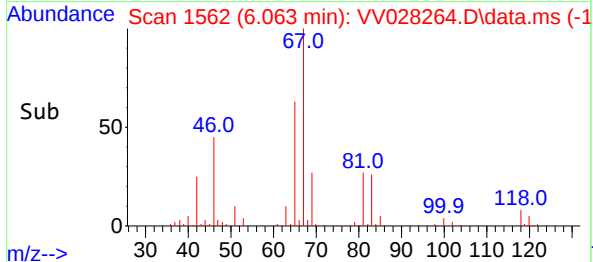
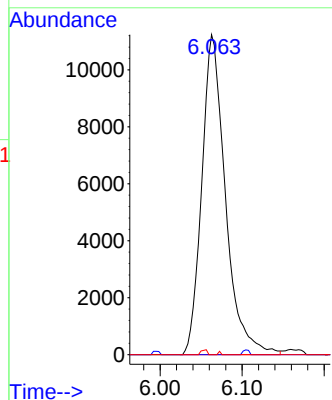
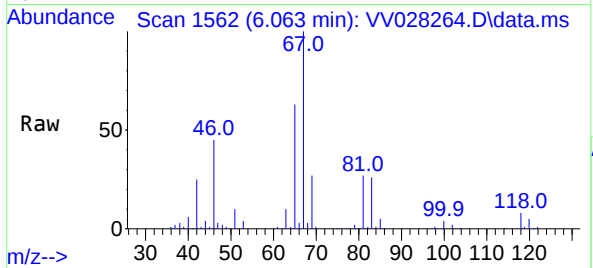




#35
Methylcyclohexane
Concen: 1.291 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV028264.D
Acq: 01 Oct 2022 07:13

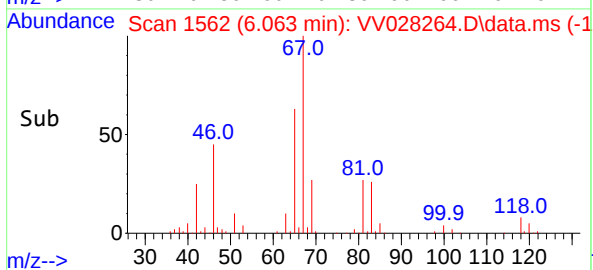
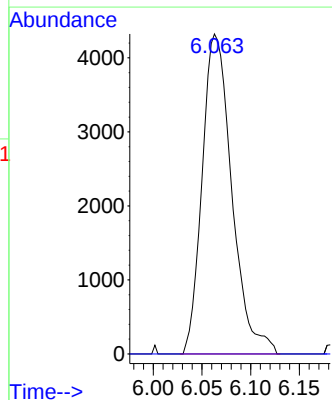
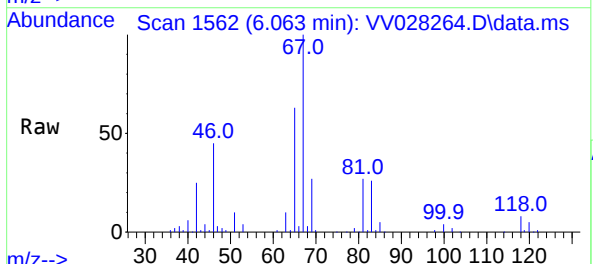
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EXFS0DL

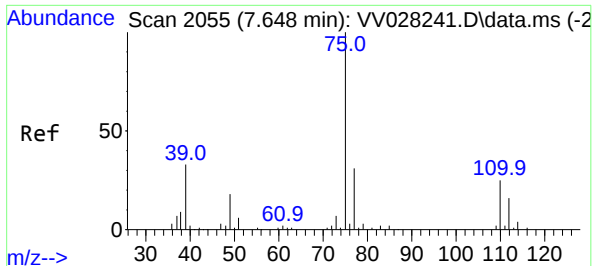
Tgt Ion: 83 Resp: 22479
Ion Ratio Lower Upper
83 100
55 0.3 64.7 97.1#
98 0.4 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV028264.D
Acq: 01 Oct 2022 07:13

Tgt Ion: 63 Resp: 9155
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

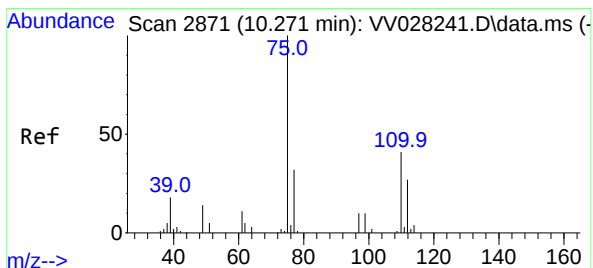
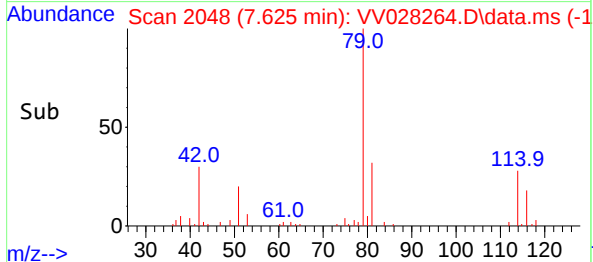
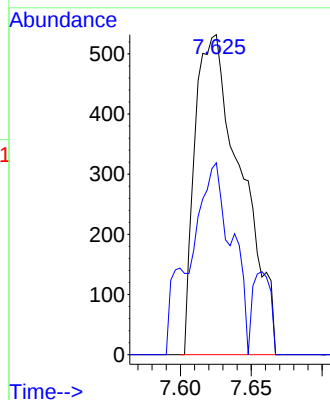
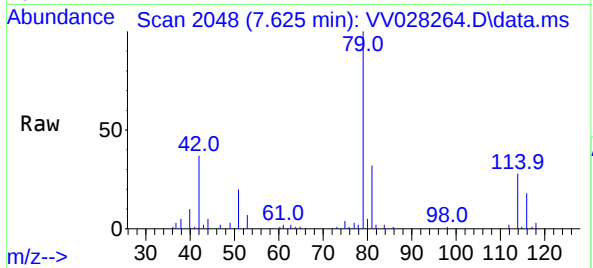




#44
trans-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.019 min
Lab File: VV028264.D
Acq: 01 Oct 2022 07:13

Instrument :
MSVOA_V
ClientSampleId :
EXFS0DL

Tgt Ion: 75 Resp: 1206
Ion Ratio Lower Upper
75 100
77 60.0 23.9 44.3#



#61
1,2,3-Trichloropropane
Concen: 1.171 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV028264.D
Acq: 01 Oct 2022 07:13

Tgt Ion: 75 Resp: 8027
Ion Ratio Lower Upper
75 100
77 33.9 26.7 40.1
110 0.2 30.1 45.1#

