

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028306.D
 Acq On : 04 Oct 2022 02:29
 Operator : SY/MD
 Sample : N4866-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

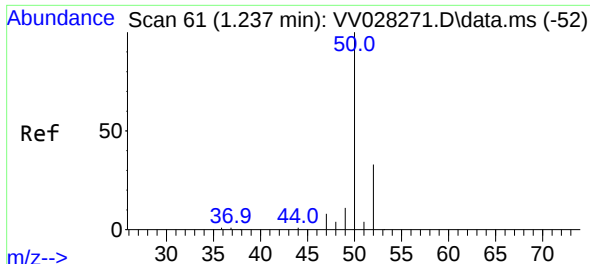
Quant Time: Oct 04 06:18:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	198036	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	193270	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	90550	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	70687	4.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.561	69	60093	4.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.101	63	101278	3.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	3.902	46	145717	57.878	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.760%
24) Chloroform-d	4.342	84	143895	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.027	65	68923	5.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	5.043	84	301659	5.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.800%
36) 1,2-Dichloropropane-d6	6.066	67	87543	5.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.200%
41) Toluene-d8	7.310	98	242213	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	7.622	79	27258	4.706	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.085	63	128200	54.072	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.140%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	64244	5.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	89051	5.714	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.211	50	2488	0.165	ug/L #	63
5) Vinyl chloride	1.304	62	45416	2.672	ug/L	98
8) Chloroethane	1.391	64	331303	29.244	ug/L #	51
14) Carbon disulfide	2.288	76	4065	0.092	ug/L #	92
15) Methyl Acetate	2.490	43	10893	2.421	ug/L #	55
18) trans-1,2-Dichloroethene	2.757	96	2550	0.172	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	1575	0.106	ug/L	87
27) 1,2-Dichloroethane	5.095	62	10332	0.698	ug/L #	76
30) Cyclohexane	4.670	56	94632	4.607	ug/L	94
33) Benzene	5.092	78	1441762	25.058	ug/L	100
35) Methylcyclohexane	6.066	83	20823	0.885	ug/L #	17
39) cis-1,3-Dichloropropene	6.982	75	1850	0.097	ug/L	92
45) 1,1,2-Trichloroethane	7.709	97	650	0.066	ug/L #	16
61) 1,2,3-Trichloropropane	11.246	75	9033	1.293	ug/L #	65

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

Quant Time: Oct 04 06:18:22 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

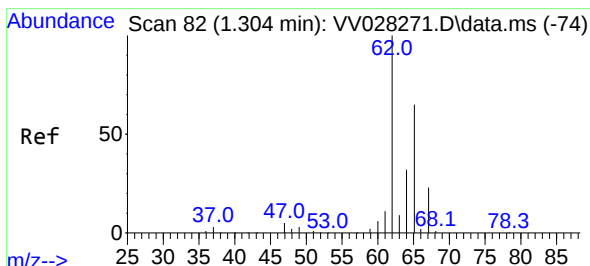
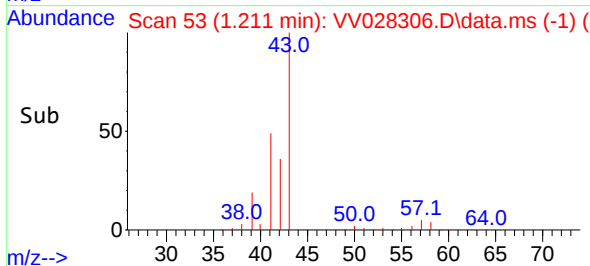
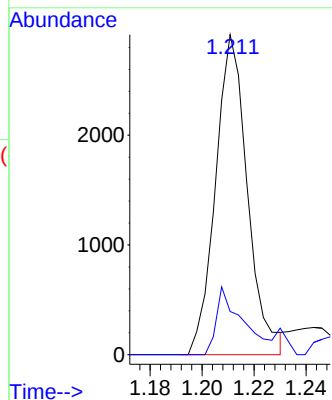
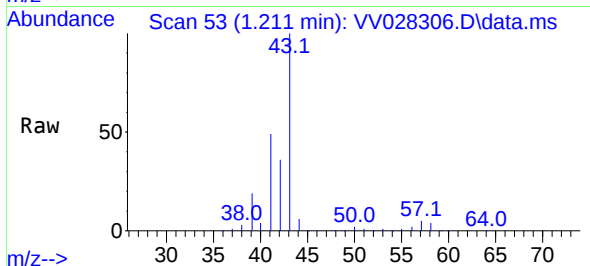




#3
Chloromethane
Concen: 0.165 ug/L
RT: 1.211 min Scan# 51
Delta R.T. -0.026 min
Lab File: VV028306.D
Acq: 04 Oct 2022 02:29

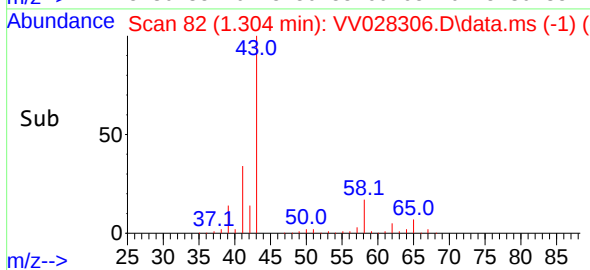
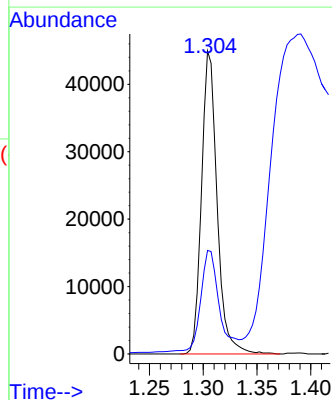
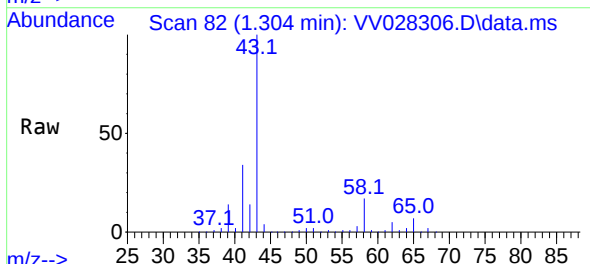
Instrument :
MSVOA_V
ClientSampleId :

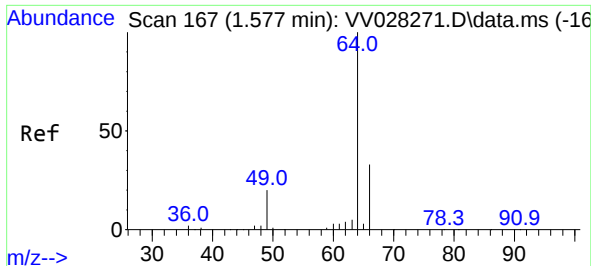
Tgt Ion: 50 Resp: 2488
Ion Ratio Lower Upper
50 100
52 13.5 24.4 45.2#



#5
Vinyl chloride
Concen: 2.672 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028306.D
Acq: 04 Oct 2022 02:29

Tgt Ion: 62 Resp: 45416
Ion Ratio Lower Upper
62 100
64 34.2 23.0 42.8

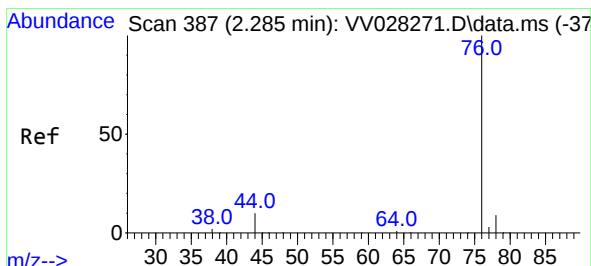
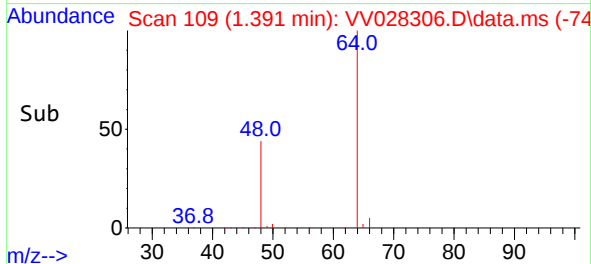
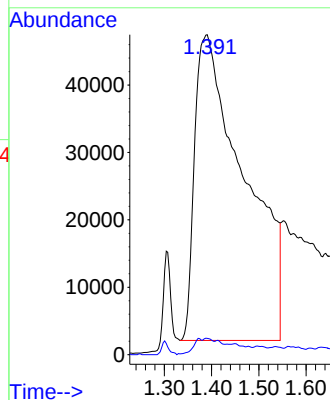
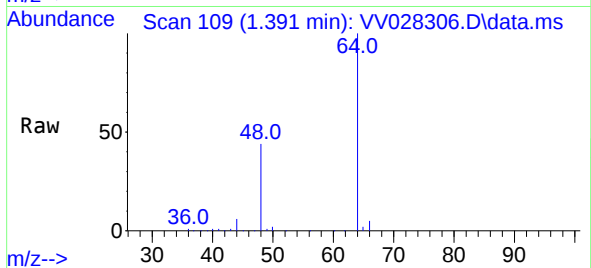




#8
Chloroethane
Concen: 29.244 ug/L
RT: 1.391 min Scan# 109
Delta R.T. -0.186 min
Lab File: VV028306.D
Acq: 04 Oct 2022 02:29

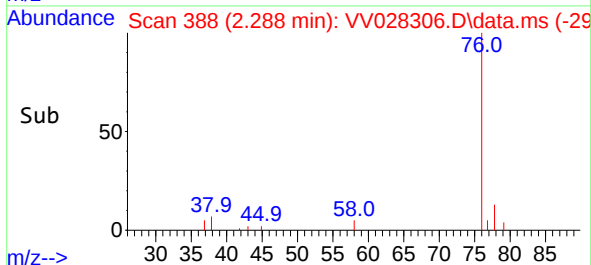
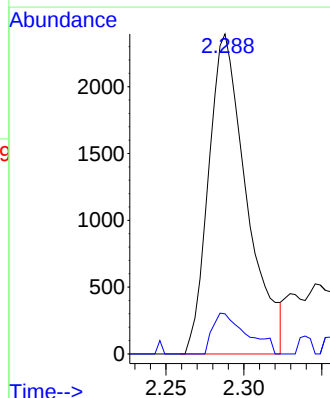
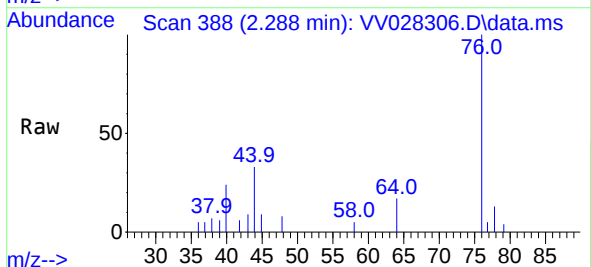
Instrument :
MSVOA_V
ClientSampleId :

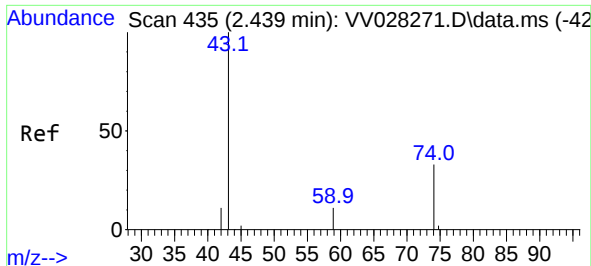
Tgt Ion: 64 Resp: 331303
Ion Ratio Lower Upper
64 100
66 5.1 23.0 42.8#



#14
Carbon disulfide
Concen: 0.092 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV028306.D
Acq: 04 Oct 2022 02:29

Tgt Ion: 76 Resp: 4065
Ion Ratio Lower Upper
76 100
78 12.6 7.6 11.4#

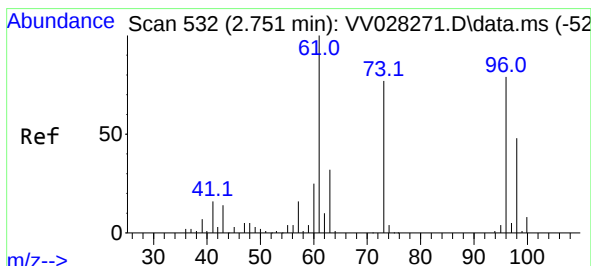
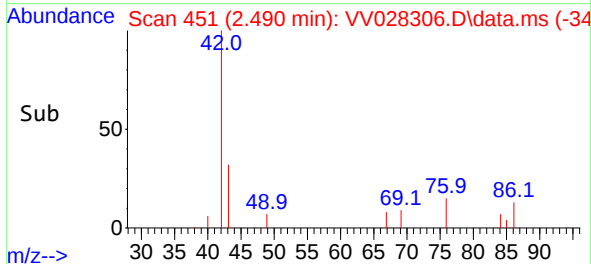
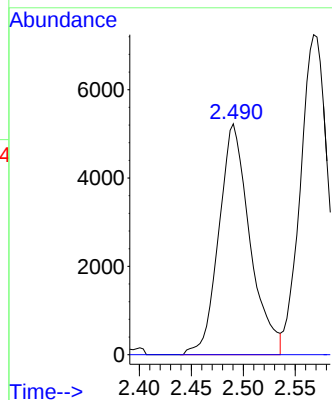
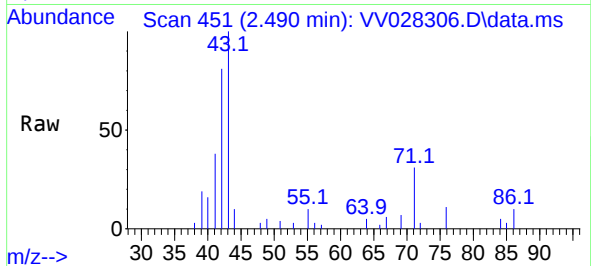




#15
Methyl Acetate
Concen: 2.421 ug/L
RT: 2.490 min Scan# 41
Delta R.T. 0.058 min
Lab File: VV028306.D
Acq: 04 Oct 2022 02:29

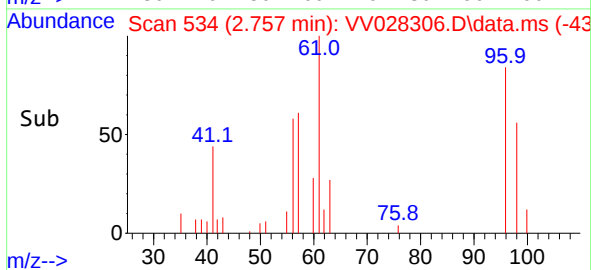
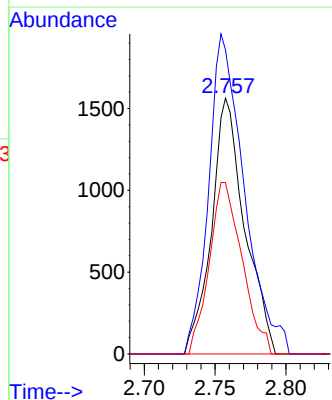
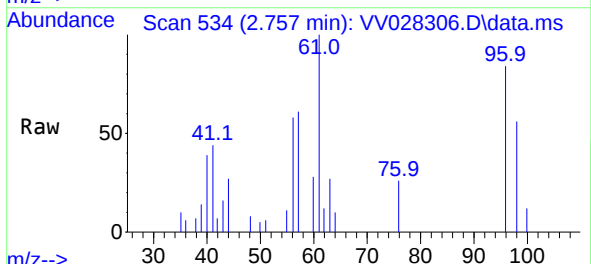
Instrument :
MSVOA_V
ClientSampleId :

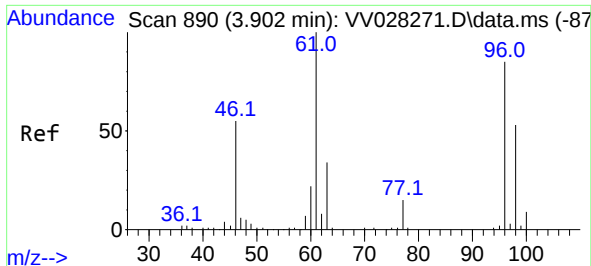
Tgt Ion: 43 Resp: 10893
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#18
trans-1,2-Dichloroethene
Concen: 0.172 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.007 min
Lab File: VV028306.D
Acq: 04 Oct 2022 02:29

Tgt Ion: 96 Resp: 2550
Ion Ratio Lower Upper
96 100
61 118.9 96.2 178.6
98 66.9 45.7 84.9





#22

cis-1,2-Dichloroethene

Concen: 0.106 ug/L

RT: 3.915 min Scan# 89

Delta R.T. 0.010 min

Lab File: VV028306.D

Acq: 04 Oct 2022 02:29

Instrument :

MSVOA_V

ClientSampleId :

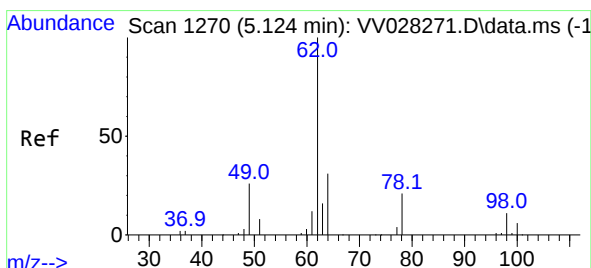
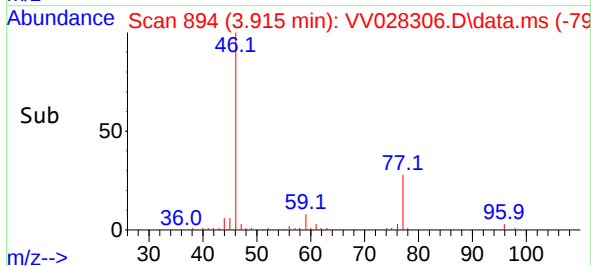
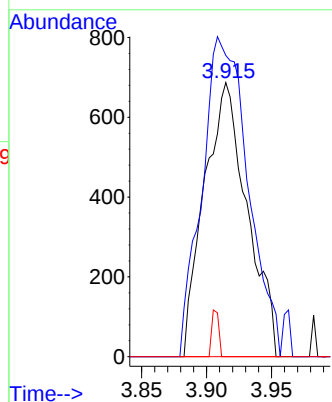
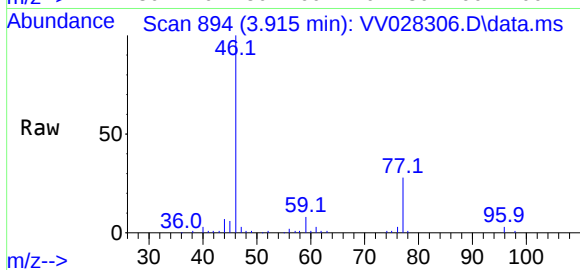
Tgt Ion: 96 Resp: 1575

Ion Ratio Lower Upper

96 100

61 109.9 87.2 161.9

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.698 ug/L

RT: 5.095 min Scan# 1261

Delta R.T. -0.032 min

Lab File: VV028306.D

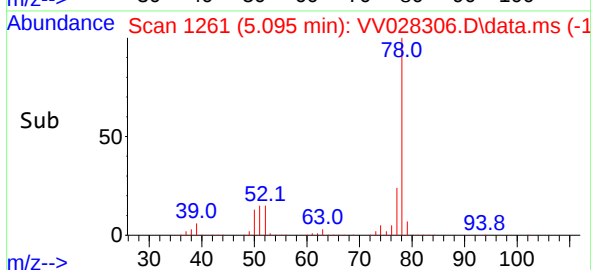
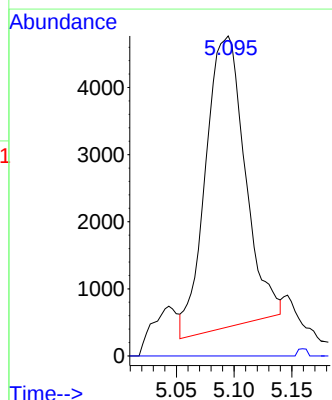
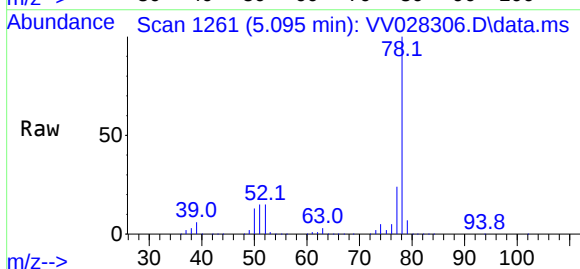
Acq: 04 Oct 2022 02:29

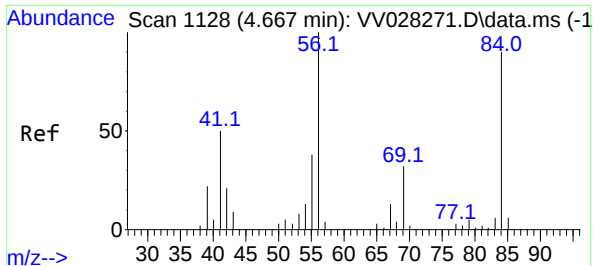
Tgt Ion: 62 Resp: 10332

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#

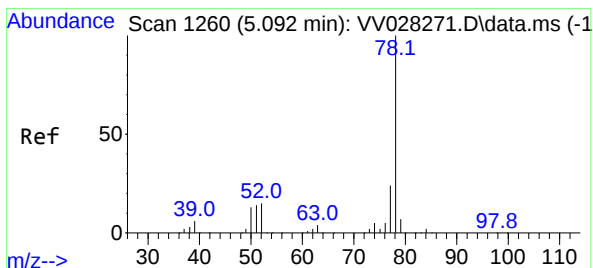
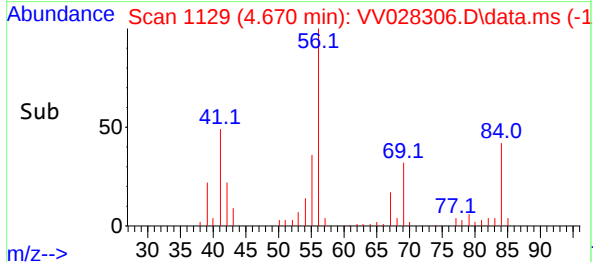
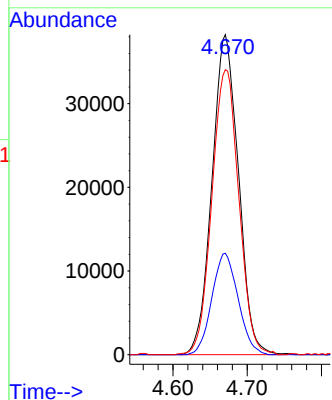
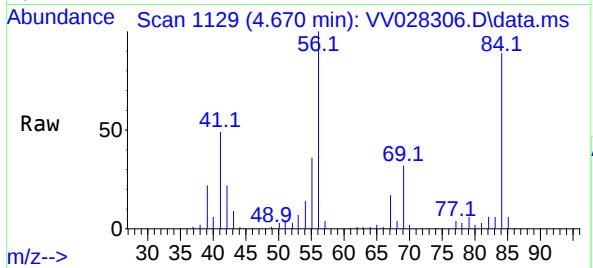




#30
Cyclohexane
Concen: 4.607 ug/L
RT: 4.670 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV028306.D
Acq: 04 Oct 2022 02:29

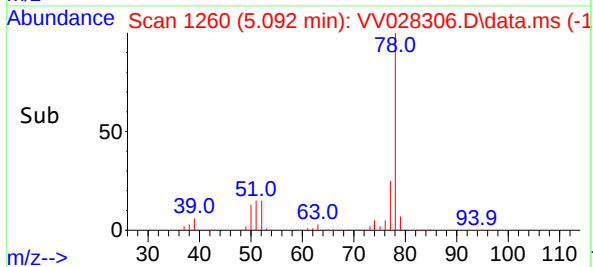
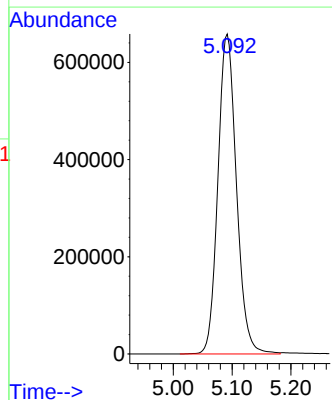
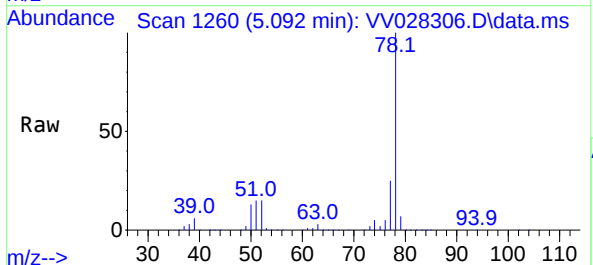
Instrument :
MSVOA_V
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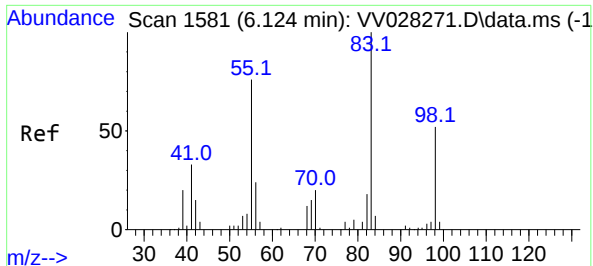
Tgt Ion: 56 Resp: 94632
Ion Ratio Lower Upper
56 100
69 31.5 23.7 35.5
84 90.7 67.3 100.9



#33
Benzene
Concen: 25.058 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV028306.D
Acq: 04 Oct 2022 02:29

Tgt Ion: 78 Resp: 1441762





#35

Methylcyclohexane

Concen: 0.885 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV028306.D

Acq: 04 Oct 2022 02:29

Instrument :

MSVOA_V

ClientSampleId :

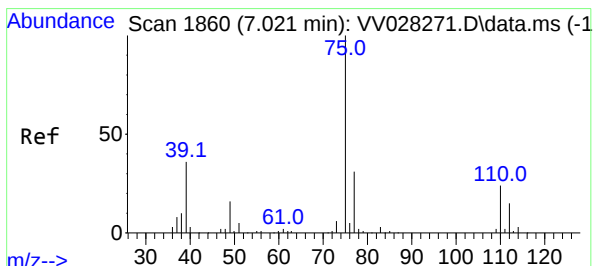
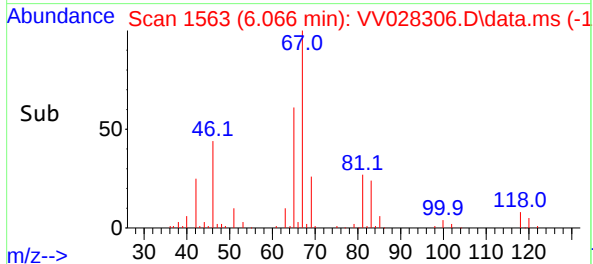
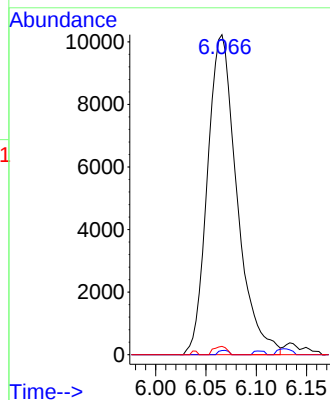
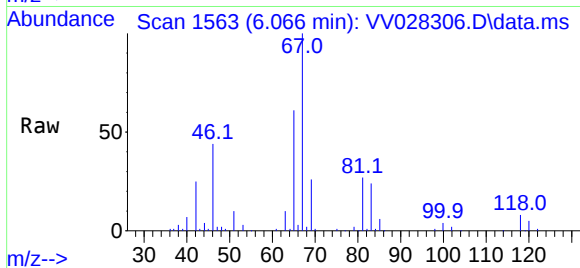
Tgt Ion: 83 Resp: 20823

Ion Ratio Lower Upper

83 100

55 0.4 64.7 97.1#

98 1.2 39.5 59.3#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV028306.D

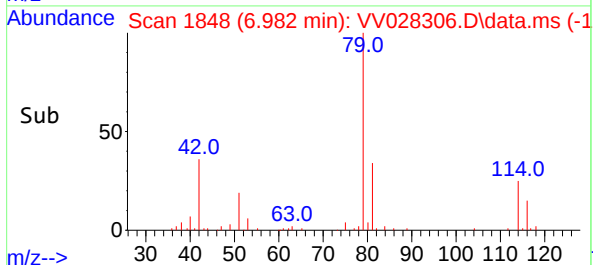
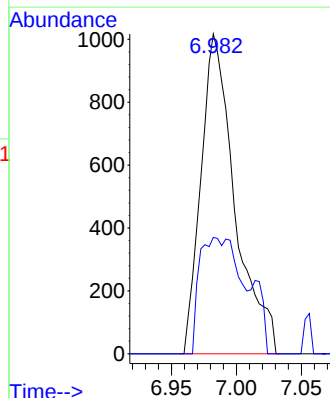
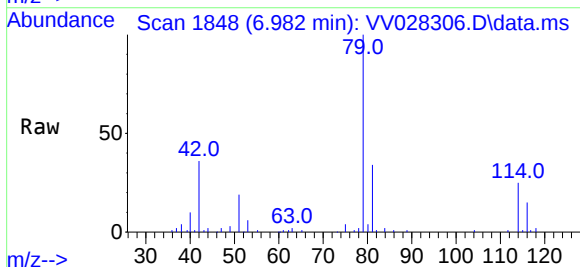
Acq: 04 Oct 2022 02:29

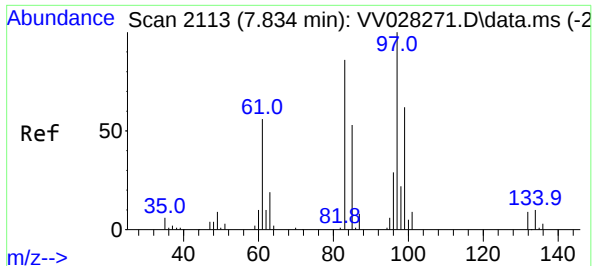
Tgt Ion: 75 Resp: 1850

Ion Ratio Lower Upper

75 100

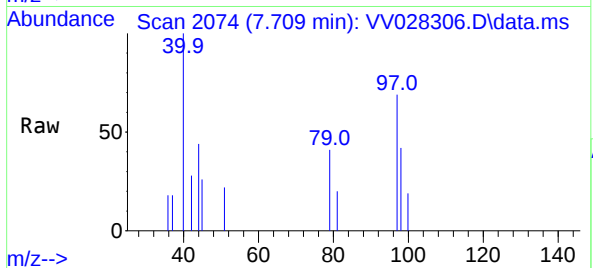
77 36.4 22.4 41.6





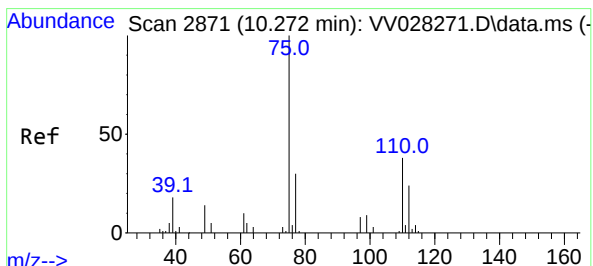
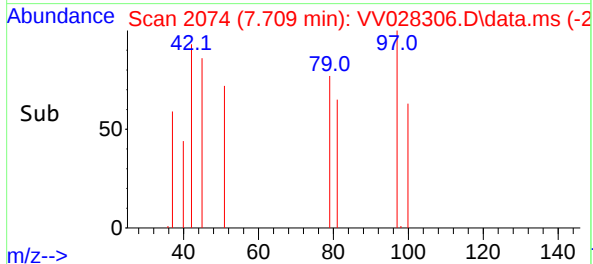
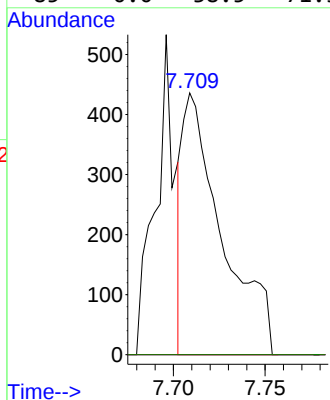
#45
 1,1,2-Trichloroethane
 Concen: 0.066 ug/L
 RT: 7.709 min Scan# 2074
 Delta R.T. -0.129 min
 Lab File: VV028306.D
 Acq: 04 Oct 2022 02:29

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 97 Resp: 650

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.2	80.2#
83	0.0	59.1	109.9#
85	0.0	38.5	71.5#



#61
 1,2,3-Trichloropropane
 Concen: 1.293 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.975 min
 Lab File: VV028306.D
 Acq: 04 Oct 2022 02:29

Tgt Ion: 75 Resp: 9033

Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.7	40.1
110	0.5	30.1	45.1#

