

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102622\
 Data File : VV028690.D
 Acq On : 26 Oct 2022 13:13
 Operator : SY/MD
 Sample : N5216-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 06:22:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

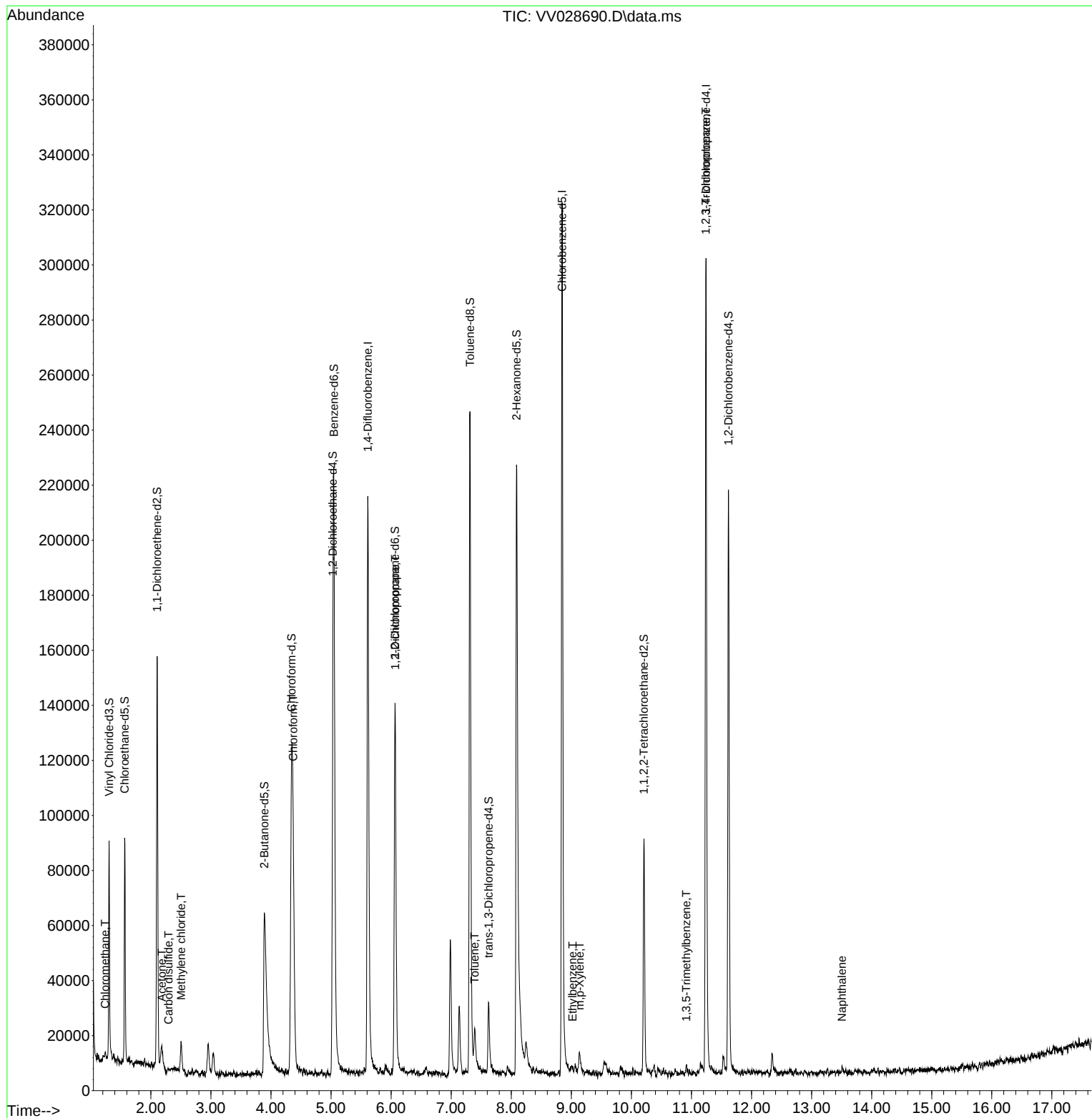
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	169680	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	157831	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	70284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52755	4.470	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.564	69	51826	5.194	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.105	63	82131	3.598	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.889	46	124311	46.197	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.400%
24) Chloroform-d	4.342	84	102491	5.002	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.030	65	48227	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.047	84	193753	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.066	67	66866	5.005	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.313	98	158847	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.622	79	14991	3.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.200%
46) 2-Hexanone-d5	8.088	63	82126	42.502	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.000%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	42486	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	50334	5.192	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1426	0.107	ug/L	91
13) Acetone	2.182	43	14481	9.067	ug/L	83
14) Carbon disulfide	2.294	76	1270	0.059	ug/L #	45
16) Methylene chloride	2.506	84	4112	0.320	ug/L	88
25) Chloroform	4.368	83	66907	3.036	ug/L	99
37) 1,2-Dichloropropane	6.069	63	7885	0.654	ug/L #	91
42) Toluene	7.391	91	11040	0.247	ug/L	99
52) Ethylbenzene	9.021	91	1802	0.036	ug/L	100
53) m,p-Xylene	9.140	106	1978	0.110	ug/L	88
61) 1,2,3-Trichloropropane	11.239	75	11123	1.843	ug/L #	69
62) 1,3,5-Trimethylbenzene	10.914	105	1380	0.107	ug/L	96
71) Naphthalene	13.506	128	1157	0.061	ug/L #	85

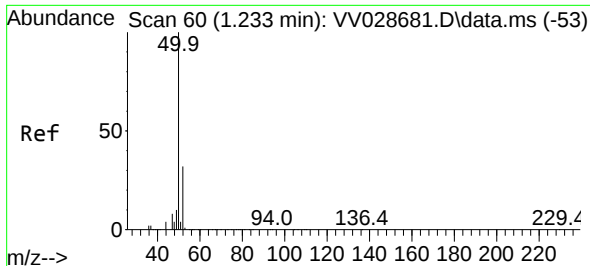
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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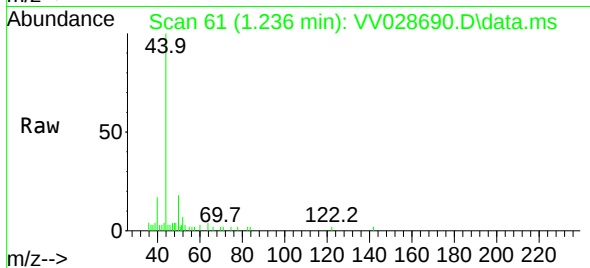
Quant Time: Oct 27 06:22:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
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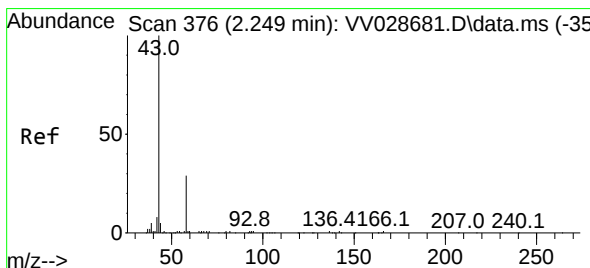
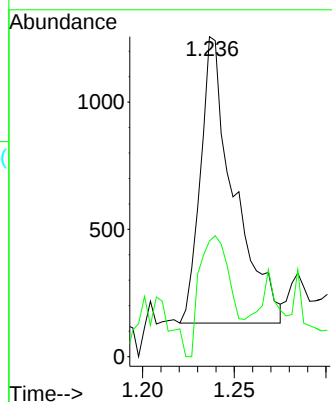
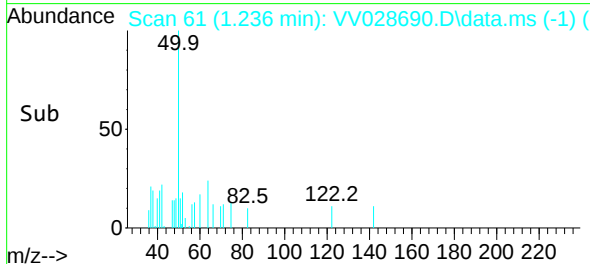


#3
Chloromethane
Concen: 0.107 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028690.D
Acq: 26 Oct 2022 13:13

Instrument :
MSVOA_V
ClientSampleId :

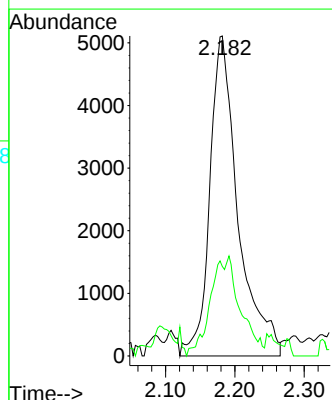
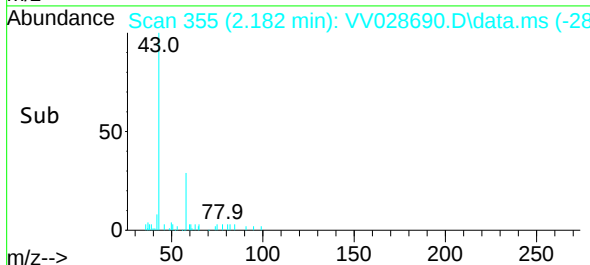
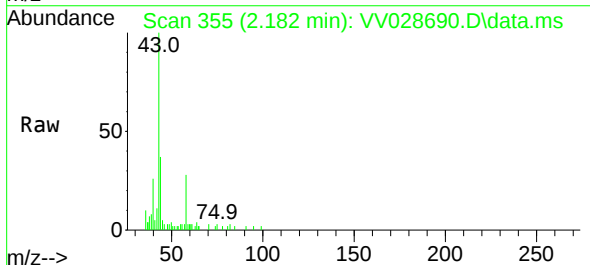


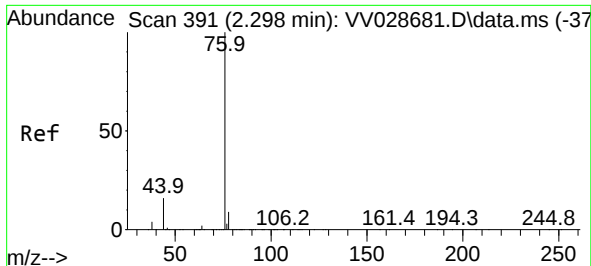
Tgt Ion: 50 Resp: 1426
Ion Ratio Lower Upper
50 100
52 36.1 21.8 40.6



#13
Acetone
Concen: 9.067 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.068 min
Lab File: VV028690.D
Acq: 26 Oct 2022 13:13

Tgt Ion: 43 Resp: 14481
Ion Ratio Lower Upper
43 100
58 16.4 0.0 50.2

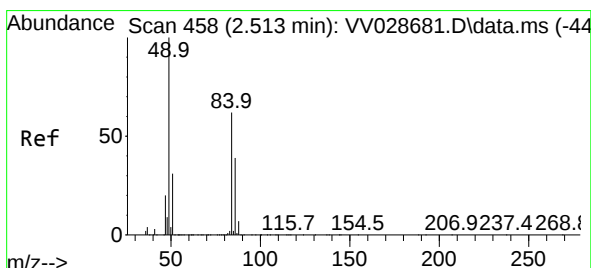
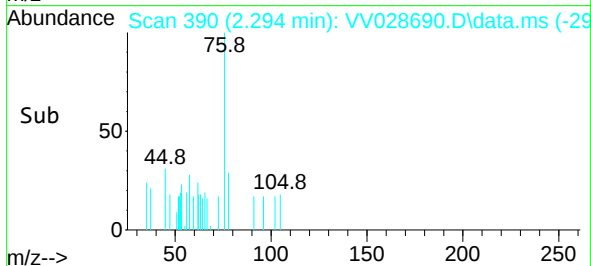
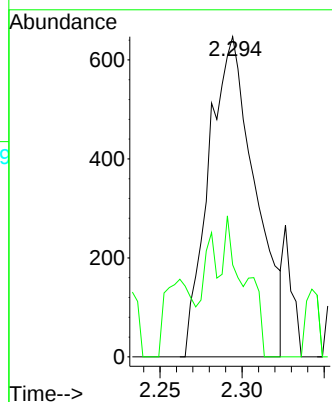
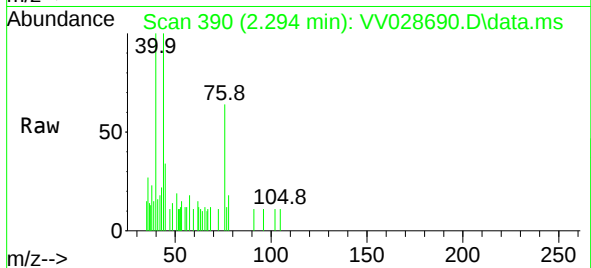




#14
Carbon disulfide
Concen: 0.059 ug/L
RT: 2.294 min Scan# 391
Delta R.T. -0.003 min
Lab File: VV028690.D
Acq: 26 Oct 2022 13:13

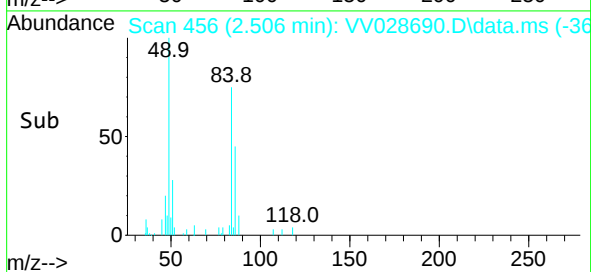
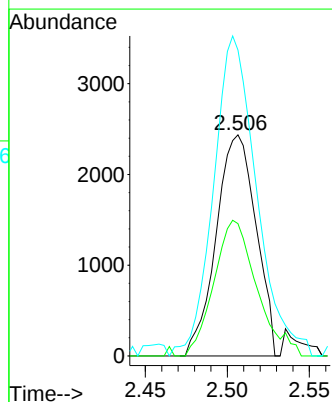
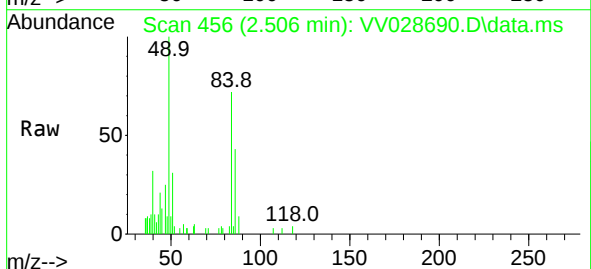
Instrument :
MSVOA_V
ClientSampleId :

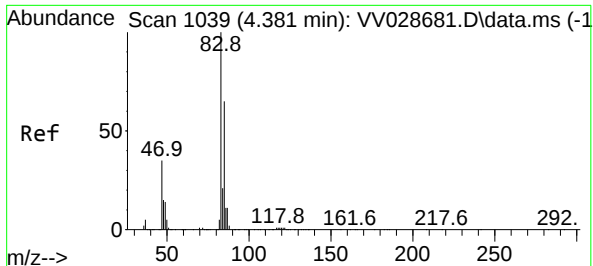
Tgt Ion: 76 Resp: 1270
Ion Ratio Lower Upper
76 100
78 28.7 7.1 10.7#



#16
Methylene chloride
Concen: 0.320 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.007 min
Lab File: VV028690.D
Acq: 26 Oct 2022 13:13

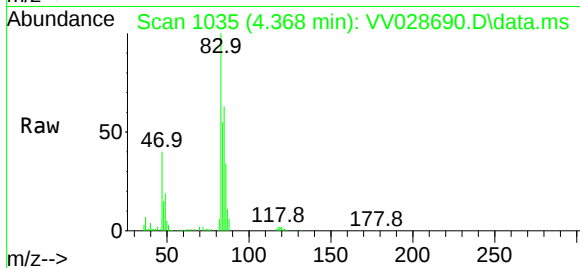
Tgt Ion: 84 Resp: 4112
Ion Ratio Lower Upper
84 100
86 59.9 44.4 82.4
49 138.4 110.8 205.8



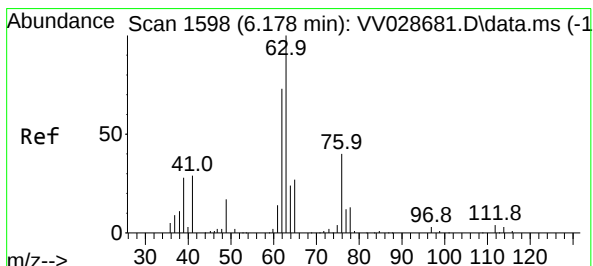
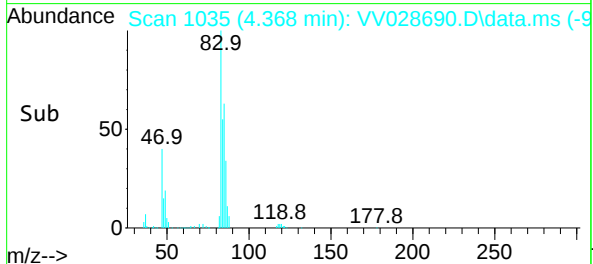
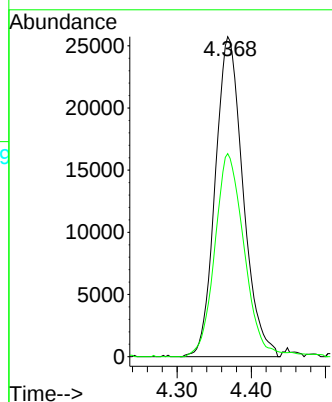


#25
Chloroform
Concen: 3.036 ug/L
RT: 4.368 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV028690.D
Acq: 26 Oct 2022 13:13

Instrument :
MSVOA_V
ClientSampleId :

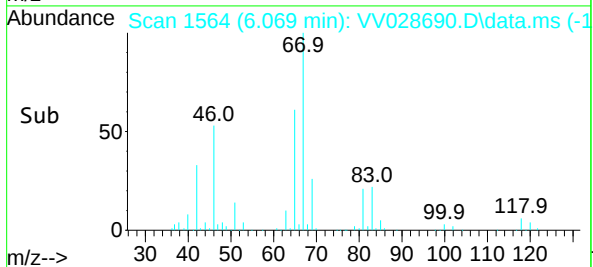
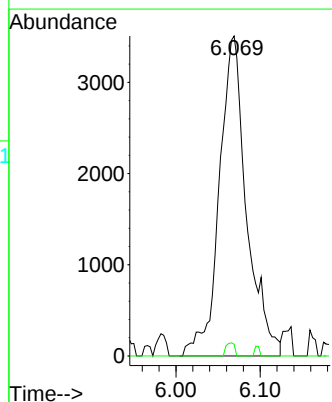
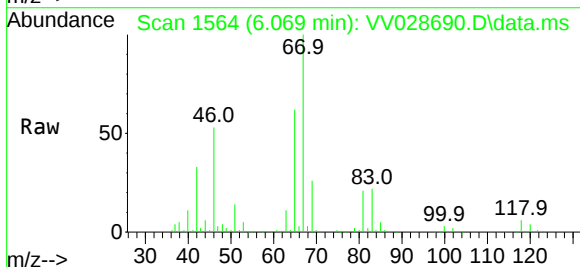


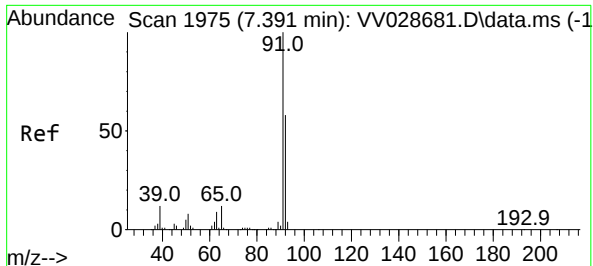
Tgt Ion: 83 Resp: 66907
Ion Ratio Lower Upper
83 100
85 63.5 44.1 81.9



#37
1,2-Dichloropropane
Concen: 0.654 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.109 min
Lab File: VV028690.D
Acq: 26 Oct 2022 13:13

Tgt Ion: 63 Resp: 7885
Ion Ratio Lower Upper
63 100
112 1.3 3.4 5.2#

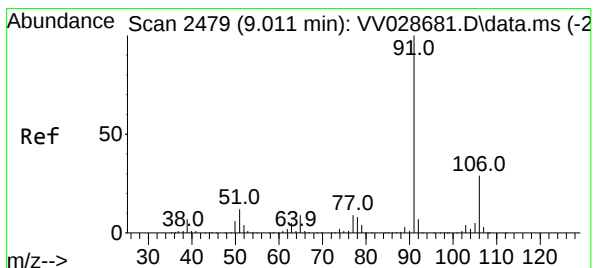
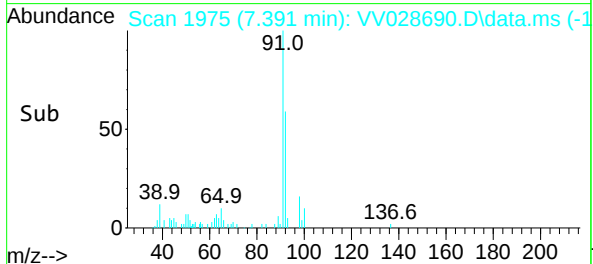
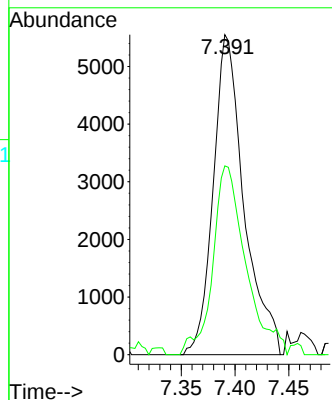
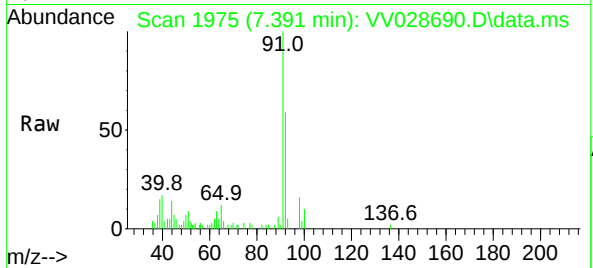




#42
Toluene
Concen: 0.247 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV028690.D
Acq: 26 Oct 2022 13:13

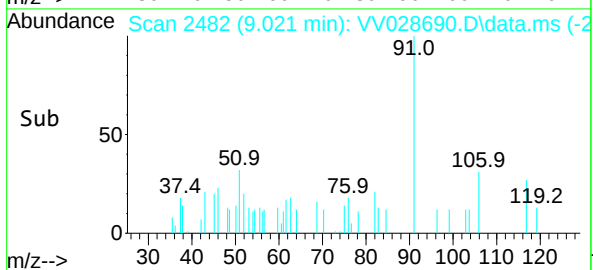
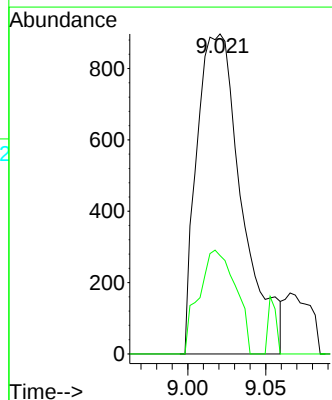
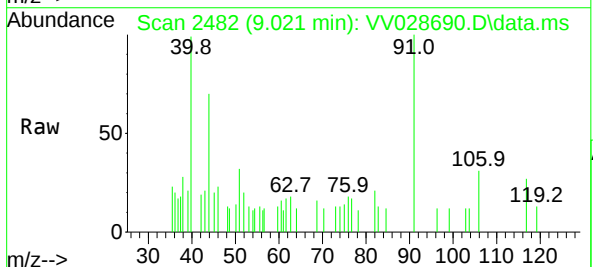
Instrument :
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ClientSampleId :

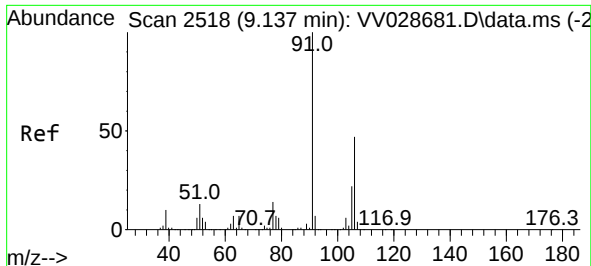
Tgt Ion: 91 Resp: 11040
Ion Ratio Lower Upper
91 100
92 59.0 40.5 75.3



#52
Ethylbenzene
Concen: 0.036 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.010 min
Lab File: VV028690.D
Acq: 26 Oct 2022 13:13

Tgt Ion: 91 Resp: 1802
Ion Ratio Lower Upper
91 100
106 30.8 21.3 39.6





#53

m,p-Xylene

Concen: 0.110 ug/L

RT: 9.140 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028690.D

Acq: 26 Oct 2022 13:13

Instrument :

MSVOA_V

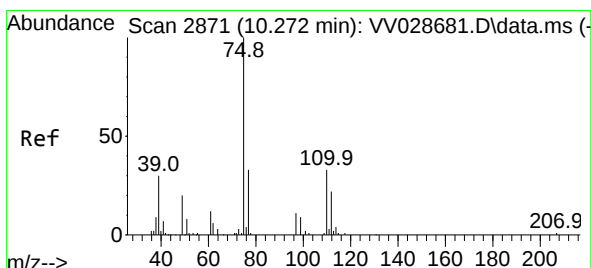
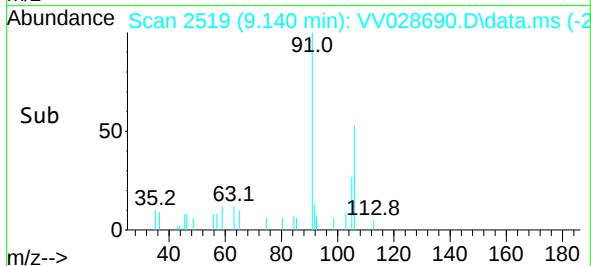
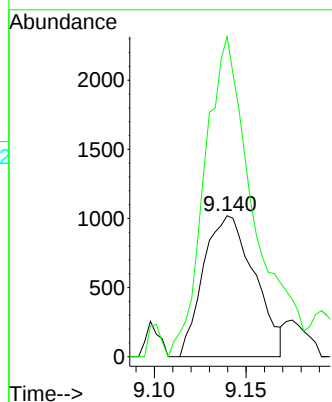
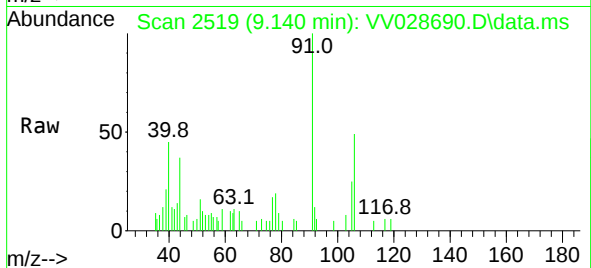
ClientSampleId :

Tgt Ion:106 Resp: 1978

Ion Ratio Lower Upper

106 100

91 227.0 145.5 270.1



#61

1,2,3-Trichloropropane

Concen: 1.843 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.968 min

Lab File: VV028690.D

Acq: 26 Oct 2022 13:13

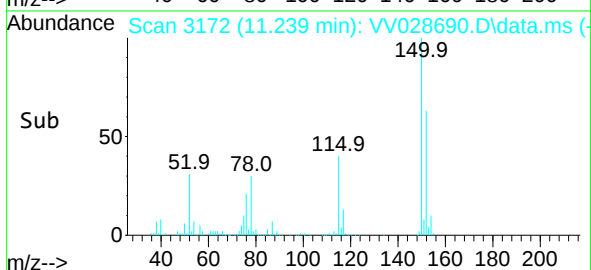
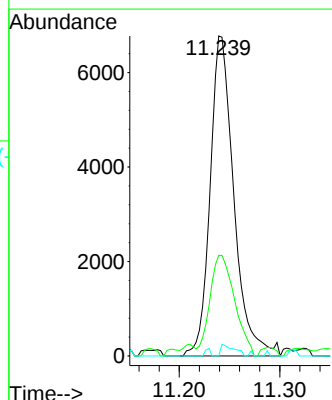
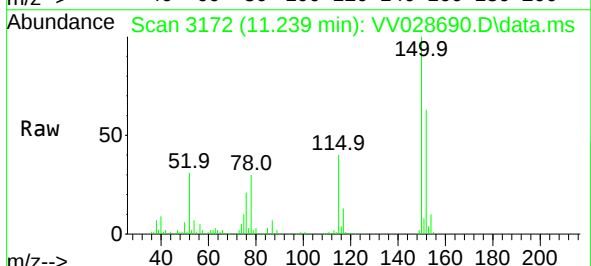
Tgt Ion: 75 Resp: 11123

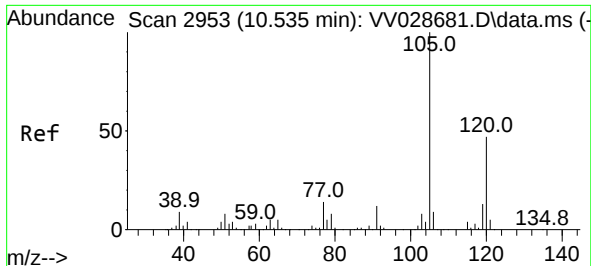
Ion Ratio Lower Upper

75 100

77 32.9 25.2 37.8

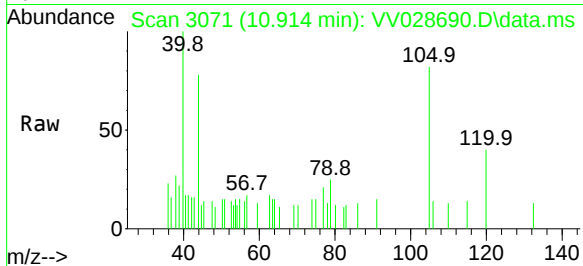
110 2.0 27.9 41.9#



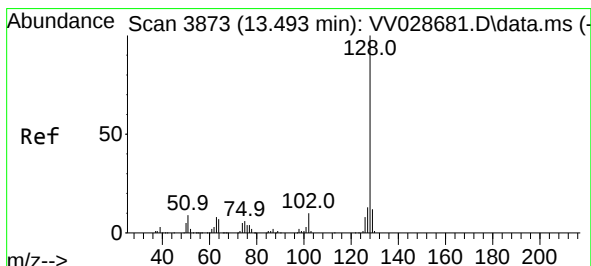
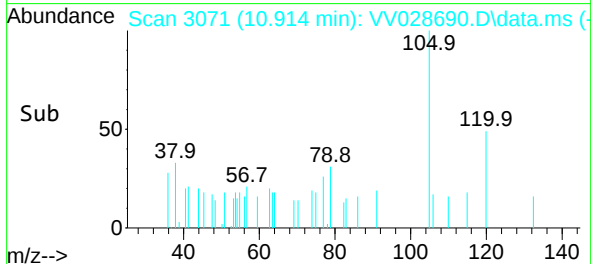
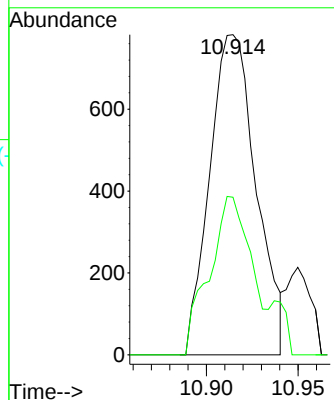


#62
 1,3,5-Trimethylbenzene
 Concen: 0.107 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.379 min
 Lab File: VV028690.D
 Acq: 26 Oct 2022 13:13

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 1380
 Ion Ratio Lower Upper
 105 100
 120 45.1 38.3 57.5



#71
 Naphthalene
 Concen: 0.061 ug/L
 RT: 13.506 min Scan# 3877
 Delta R.T. 0.013 min
 Lab File: VV028690.D
 Acq: 26 Oct 2022 13:13

Tgt Ion:128 Resp: 1157
 Ion Ratio Lower Upper
 128 100
 129 8.9 8.9 13.3
 127 4.0 10.2 15.4#

