

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027633.D
 Acq On : 31 Aug 2022 22:40
 Operator : SY/MD
 Sample : N4366-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 04:15:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

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

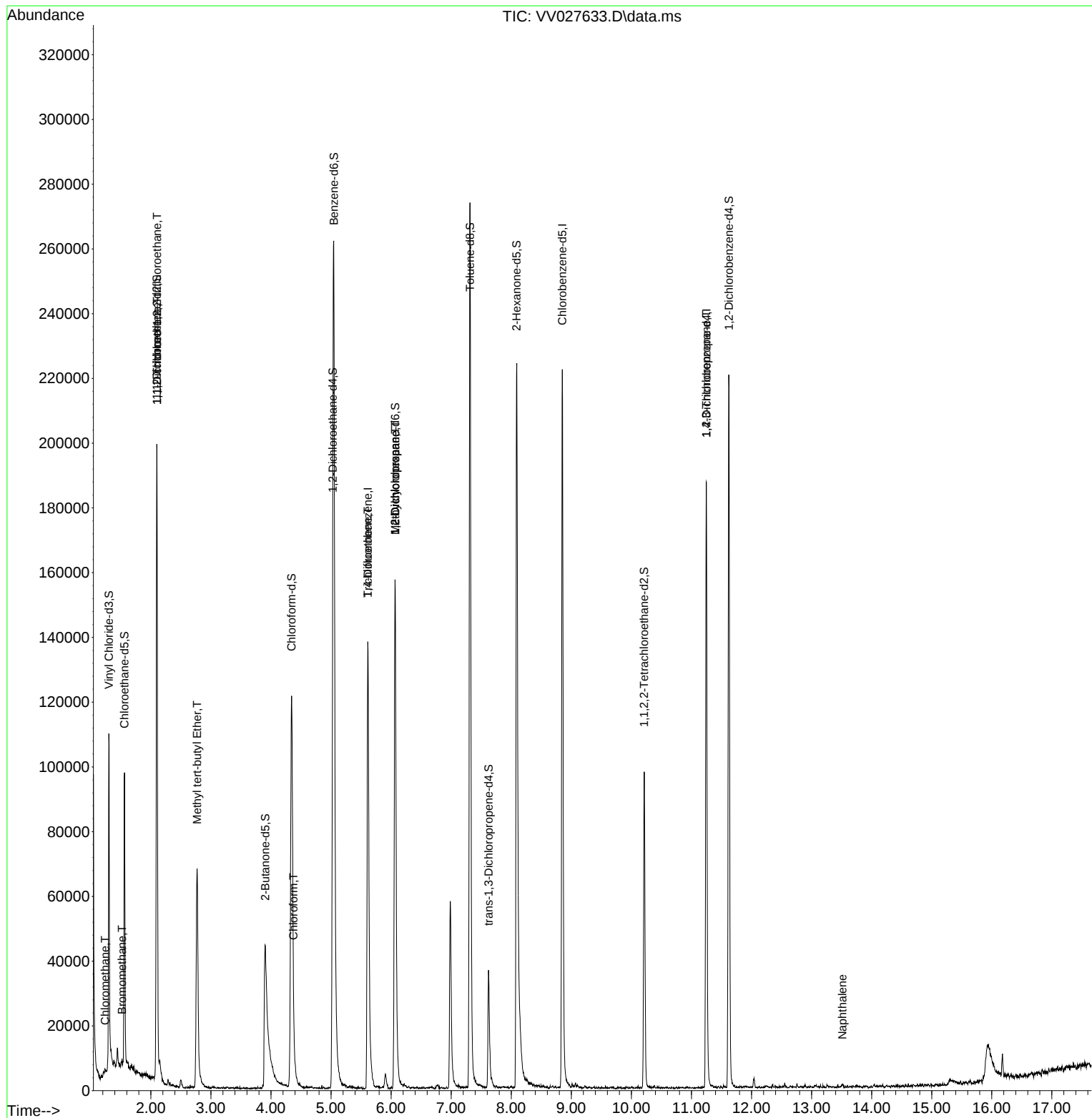
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	120984	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48850	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68031	5.176	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.600%
7) Chloroethane-d5	1.561	69	56006	5.093	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.098	63	104869	4.077	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.905	46	107543	48.395	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.800%
24) Chloroform-d	4.342	84	132173	5.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.027	65	63079	5.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.047	84	242031	4.789	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.066	67	78015	4.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.313	98	185085	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.622	79	22163	4.602	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.088	63	73981	40.847	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46085	4.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	56846	5.198	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	940	0.060	ug/L	83
6) Bromomethane	1.519	94	619	0.088	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	967	0.088	ug/L #	21
12) 1,1-Dichloroethene	2.101	96	1131	0.112	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	64904	3.009	ug/L	99
25) Chloroform	4.375	83	4280	0.182	ug/L	97
34) Trichloroethene	5.612	95	2305	0.195	ug/L #	6
35) Methylcyclohexane	6.066	83	18781	1.023	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8687	0.715	ug/L #	89
61) 1,2,3-Trichloropropane	11.246	75	5777	1.169	ug/L #	64
71) Naphthalene	13.512	128	1239	0.083	ug/L #	74

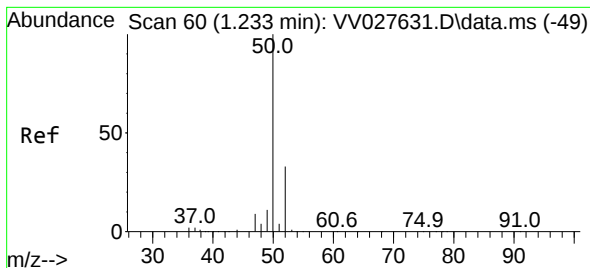
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 01 02:22:45 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.060 ug/L

RT: 1.236 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV027633.D

Acq: 31 Aug 2022 22:40

Instrument :

MSVOA_V

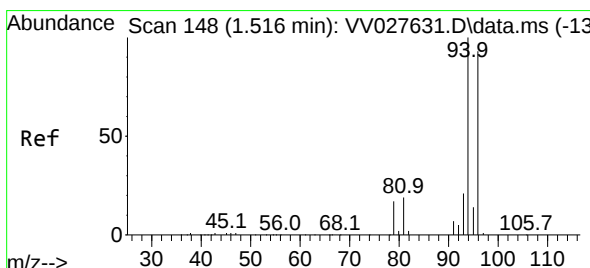
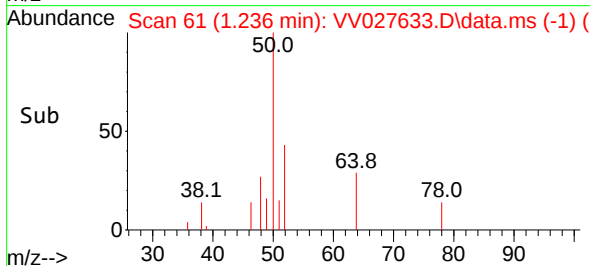
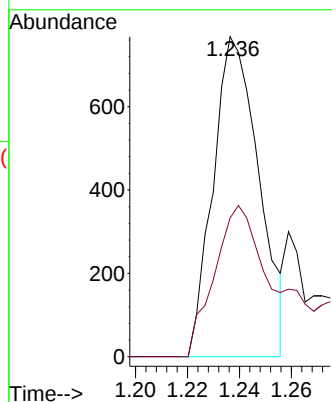
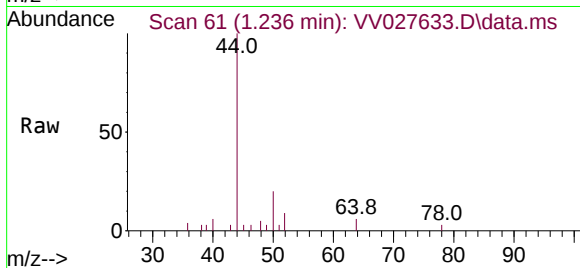
ClientSampleId :

Tgt Ion: 50 Resp: 940

Ion Ratio Lower Upper

50 100

52 43.4 23.5 43.7



#6

Bromomethane

Concen: 0.088 ug/L

RT: 1.519 min Scan# 149

Delta R.T. 0.003 min

Lab File: VV027633.D

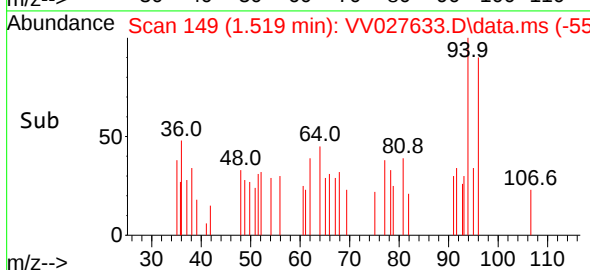
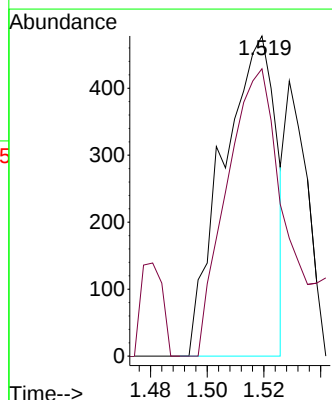
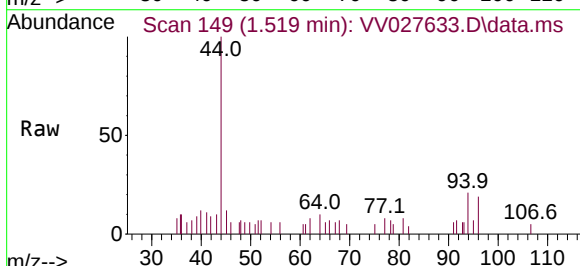
Acq: 31 Aug 2022 22:40

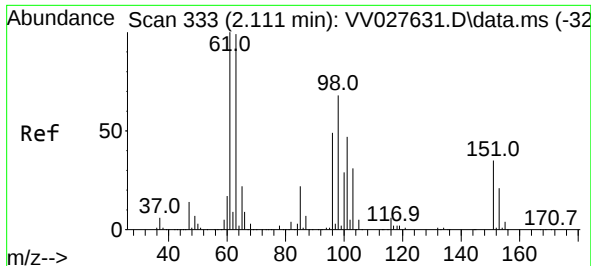
Tgt Ion: 94 Resp: 619

Ion Ratio Lower Upper

94 100

96 89.7 65.1 120.9

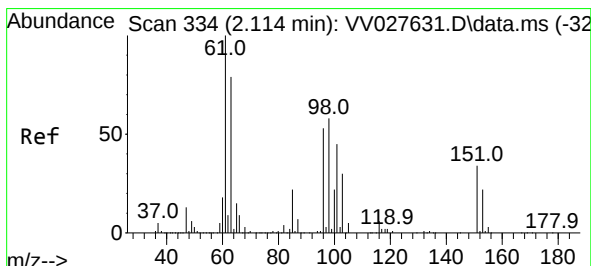
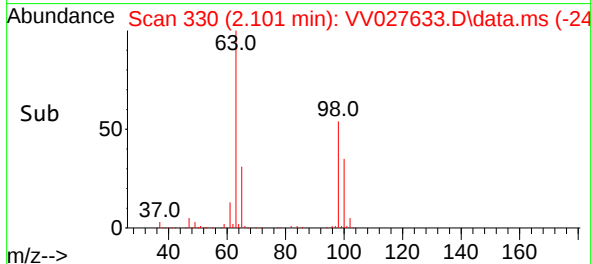
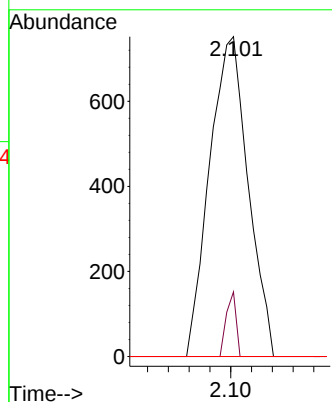
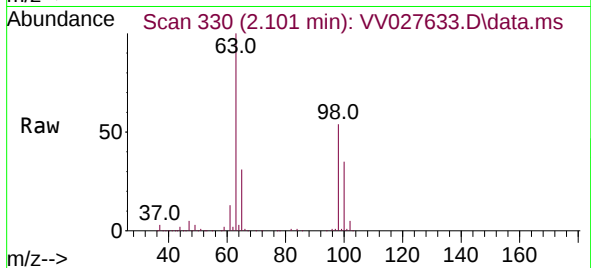




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.088 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.010 min
 Lab File: VV027633.D
 Acq: 31 Aug 2022 22:40

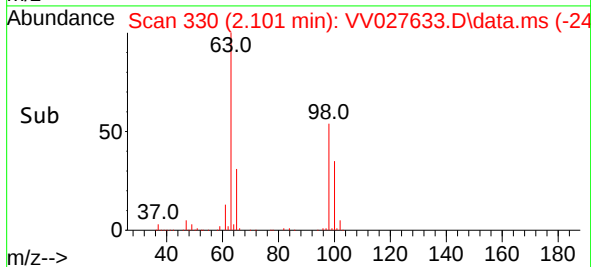
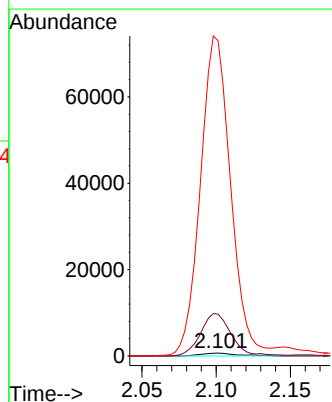
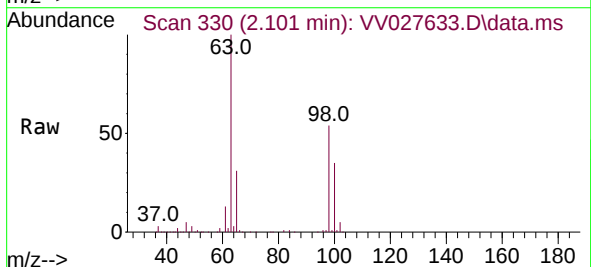
Instrument :
 MSVOA_V
 ClientSampleId :

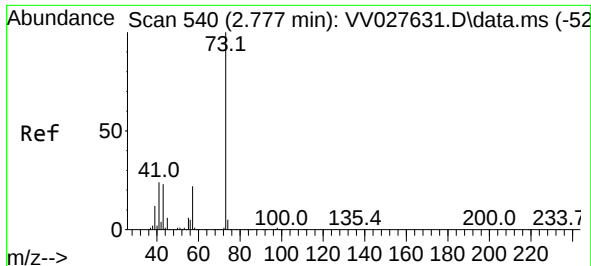
Tgt Ion:101 Resp: 967
 Ion Ratio Lower Upper
 101 100
 85 5.1 36.7 55.1#
 151 0.0 60.9 91.3#



#12
 1,1-Dichloroethene
 Concen: 0.112 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.013 min
 Lab File: VV027633.D
 Acq: 31 Aug 2022 22:40

Tgt Ion: 96 Resp: 1131
 Ion Ratio Lower Upper
 96 100
 61 1437.8 134.3 249.3#
 63 10860.7 105.7 196.3#

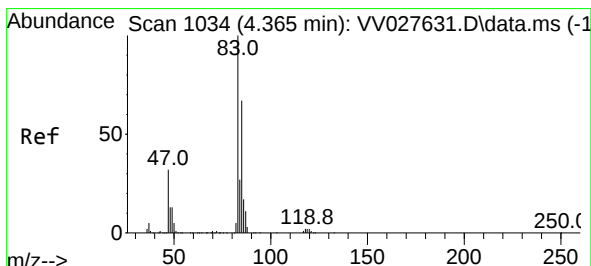
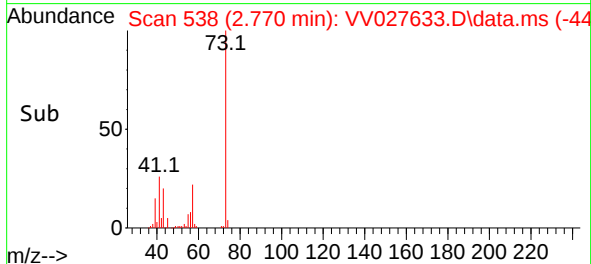
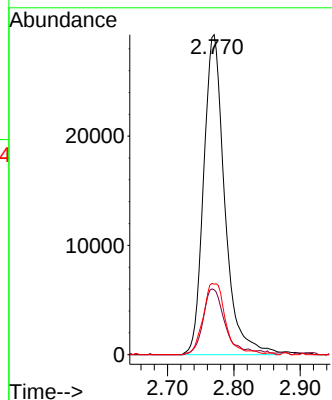
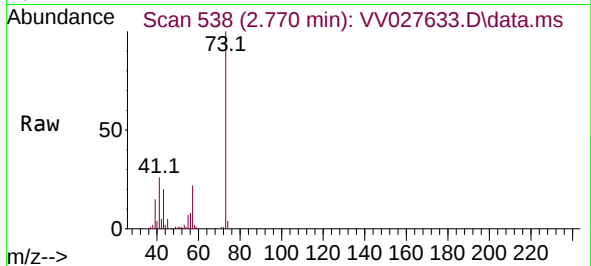




#17
Methyl tert-butyl Ether
Concen: 3.009 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.007 min
Lab File: VV027633.D
Acq: 31 Aug 2022 22:40

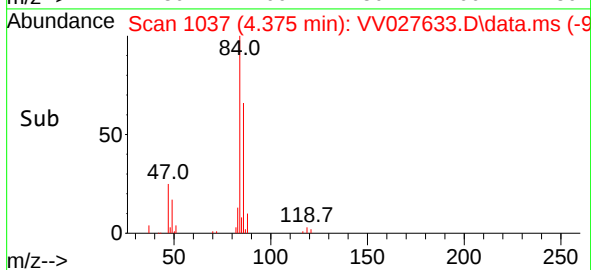
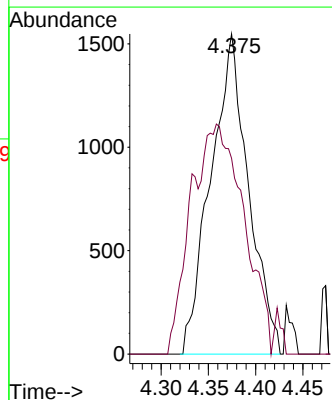
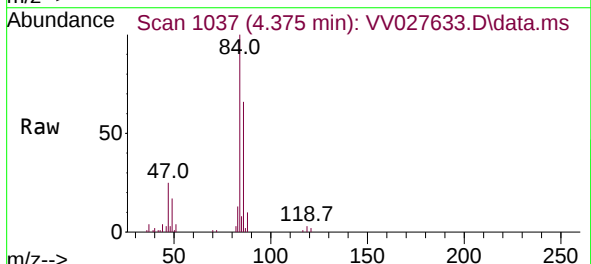
Instrument :
MSVOA_V
ClientSampleId :

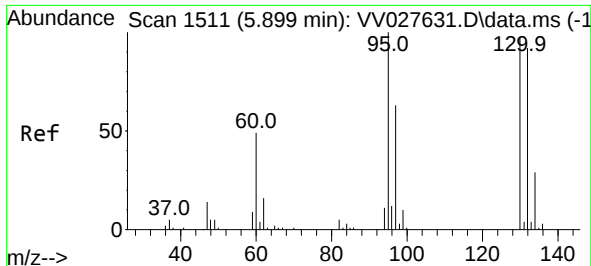
Tgt Ion: 73 Resp: 64904
Ion Ratio Lower Upper
73 100
43 21.3 16.5 24.7
57 23.1 18.2 27.2



#25
Chloroform
Concen: 0.182 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.009 min
Lab File: VV027633.D
Acq: 31 Aug 2022 22:40

Tgt Ion: 83 Resp: 4280
Ion Ratio Lower Upper
83 100
85 61.2 44.7 83.1





#34

Trichloroethene

Concen: 0.195 ug/L

RT: 5.612 min Scan# 14

Delta R.T. -0.286 min

Lab File: VV027633.D

Acq: 31 Aug 2022 22:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 2305

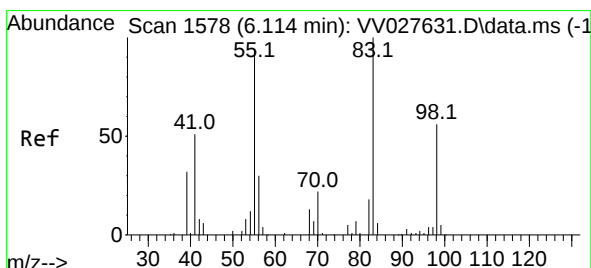
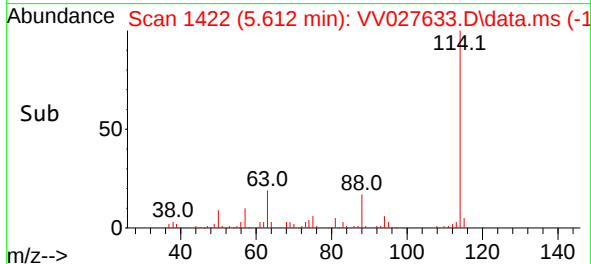
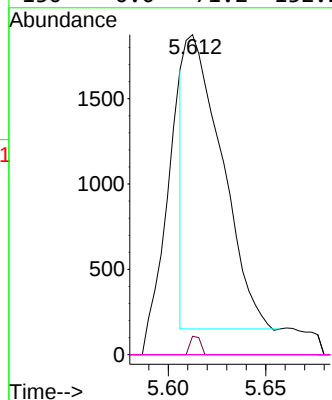
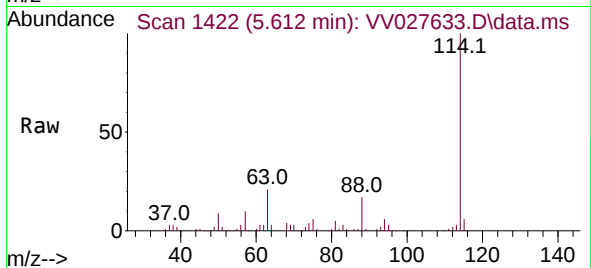
Ion Ratio Lower Upper

95 100

97 5.8 46.1 85.5#

132 0.0 67.3 125.1#

130 0.0 71.2 132.2#



#35

Methylcyclohexane

Concen: 1.023 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.048 min

Lab File: VV027633.D

Acq: 31 Aug 2022 22:40

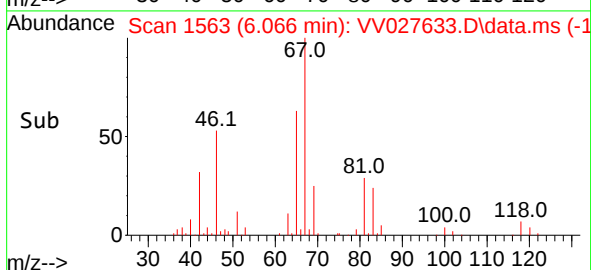
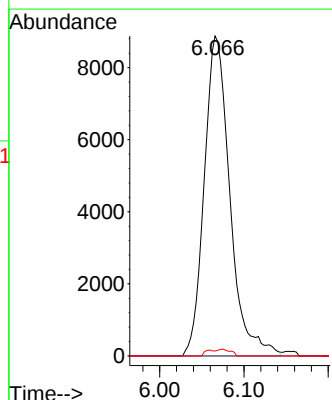
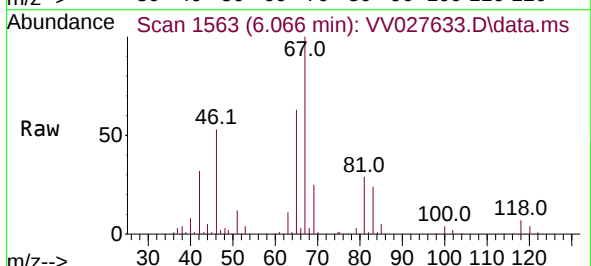
Tgt Ion: 83 Resp: 18781

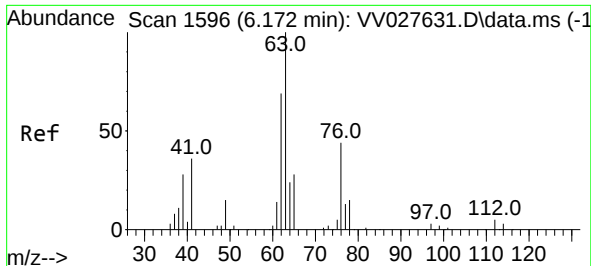
Ion Ratio Lower Upper

83 100

55 0.0 66.0 99.0#

98 0.7 36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.715 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV027633.D

Acq: 31 Aug 2022 22:40

Instrument :

MSVOA_V

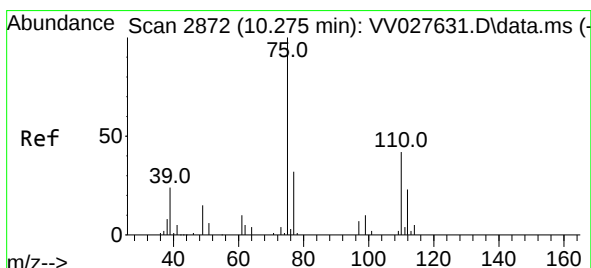
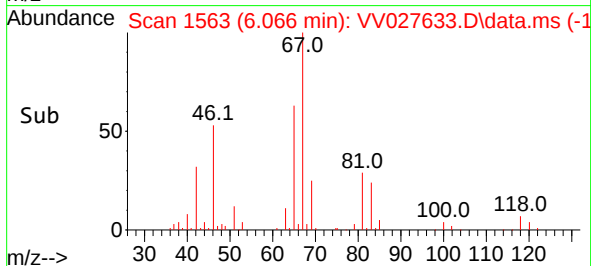
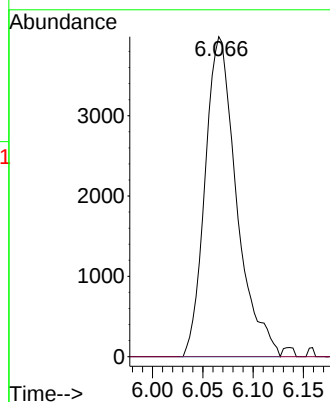
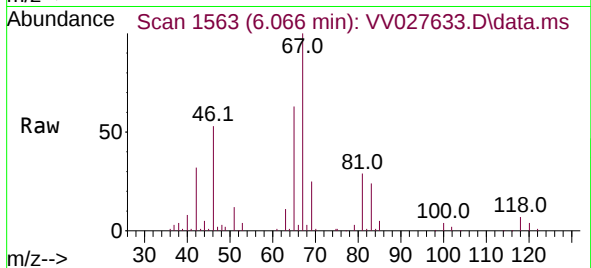
ClientSampleId :

Tgt Ion: 63 Resp: 8687

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#61

1,2,3-Trichloropropane

Concen: 1.169 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV027633.D

Acq: 31 Aug 2022 22:40

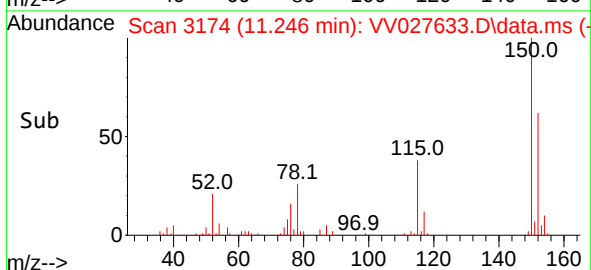
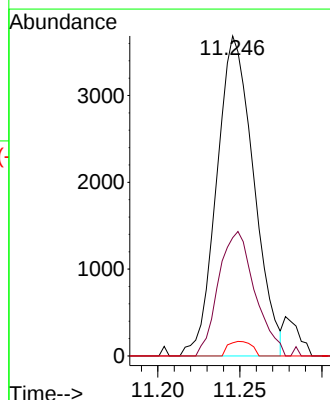
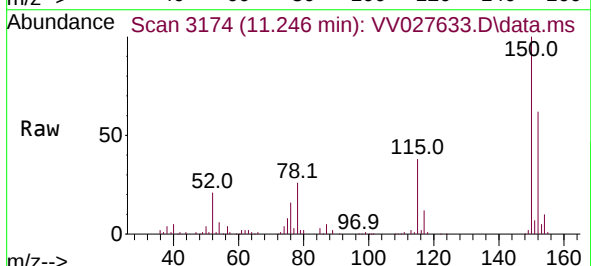
Tgt Ion: 75 Resp: 5777

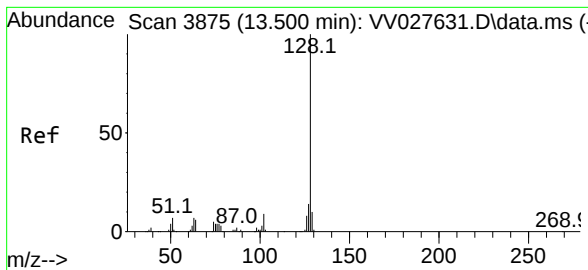
Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.6

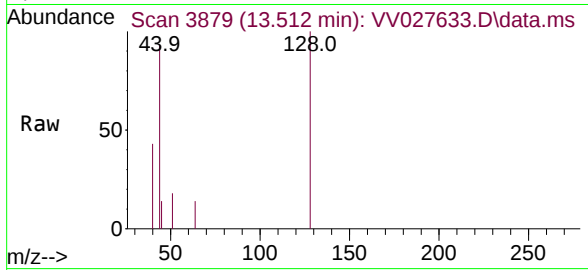
110 2.9 29.8 44.8#





#71
Naphthalene
Concen: 0.083 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV027633.D
Acq: 31 Aug 2022 22:40

Instrument :
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ClientSampleId :



Tgt Ion:	128	Resp:	1239
Ion Ratio	Lower	Upper	
128	100		
129	4.9	8.9	13.3#
127	0.0	10.9	16.3#

