

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028319.D
 Acq On : 04 Oct 2022 11:01
 Operator : SY/MD
 Sample : N4866-15DL 25X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:23:19 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)

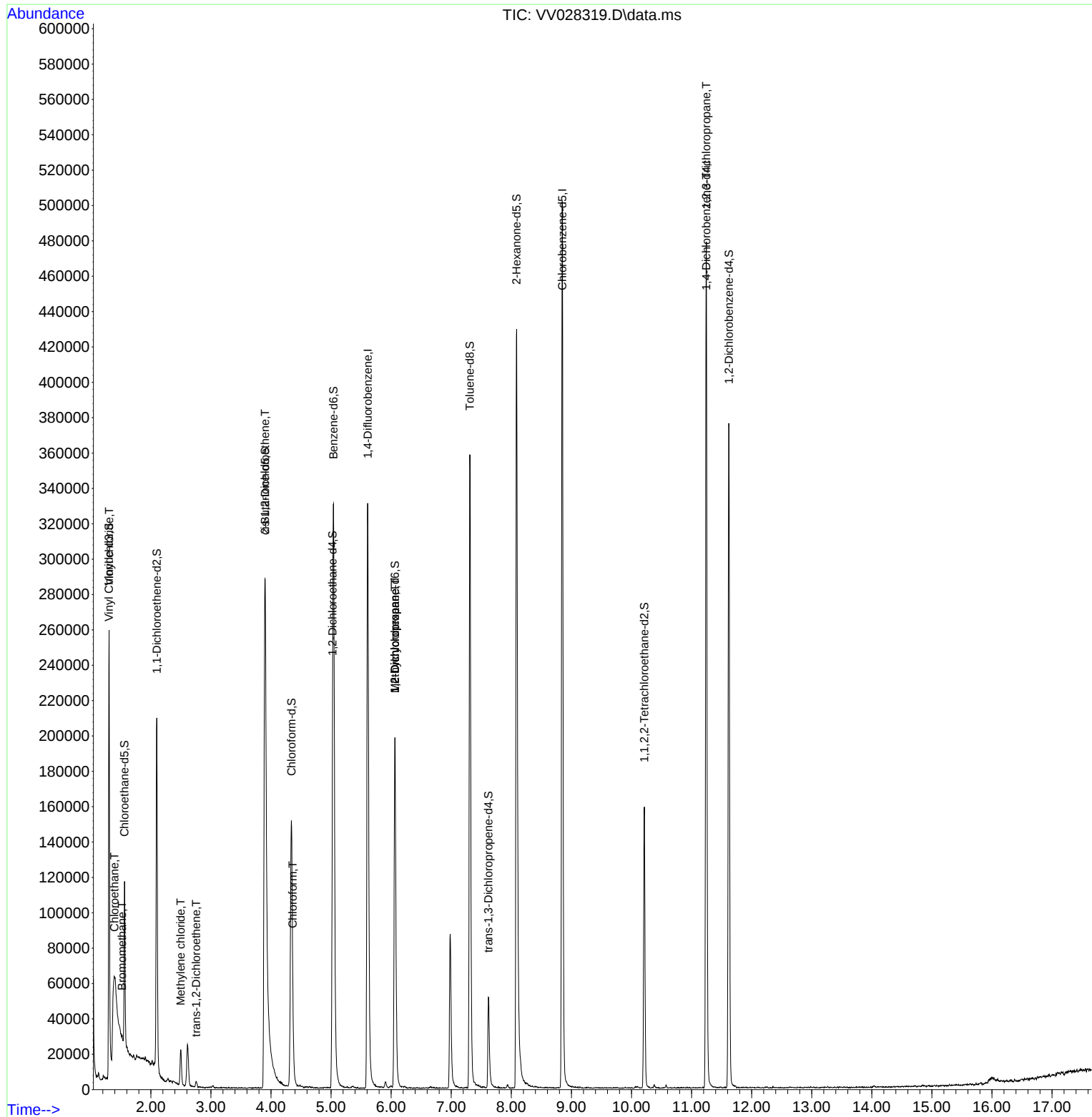
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	299456	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	291547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	137975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67826	3.014	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.561	69	62859	3.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	2.098	63	100389	2.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.400%#
20) 2-Butanone-d5	3.899	46	196821	51.699	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.400%
24) Chloroform-d	4.339	84	163336	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.024	65	77439	4.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	5.040	84	311582	3.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.063	67	101475	4.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.310	98	248976	3.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	7.619	79	33620	3.847	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.088	63	170994	47.810	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.620%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	77317	4.446	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	105652	4.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	112591	4.380	ug/L	99
6) Bromomethane	1.520	94	1451	0.119	ug/L	87
8) Chloroethane	1.391	64	223050	13.020	ug/L #	51
16) Methylene chloride	2.497	84	9165	0.379	ug/L	90
18) trans-1,2-Dichloroethene	2.754	96	1300	0.058	ug/L	77
22) cis-1,2-Dichloroethene	3.902	96	126356	5.608	ug/L	92
25) Chloroform	4.362	83	3860	0.092	ug/L	76
35) Methylcyclohexane	6.063	83	24438	0.689	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	10764	0.535	ug/L #	88
61) 1,2,3-Trichloropropane	11.243	75	13707	1.288	ug/L #	69

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

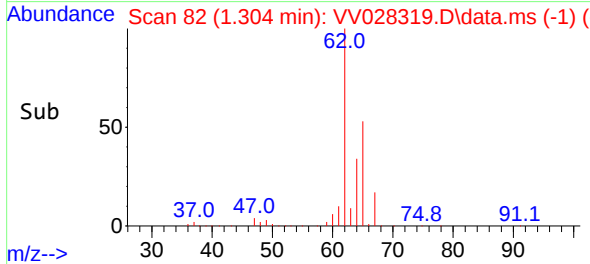
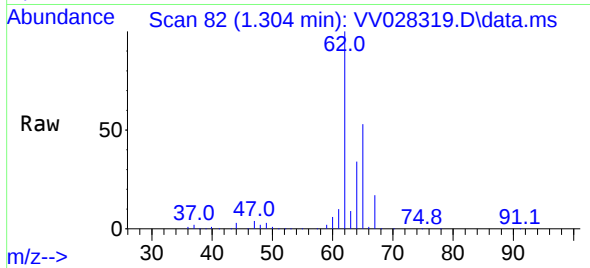
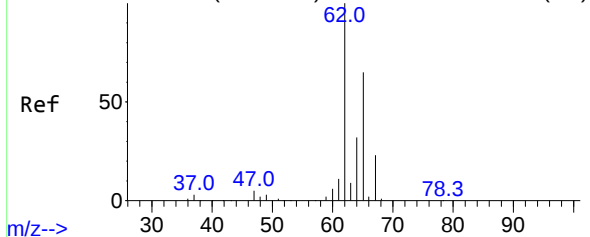
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QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration



Abundance Scan 82 (1.304 min): VV028271.D\data.ms (-74)



#5

Vinyl chloride

Concen: 4.380 ug/L

RT: 1.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV028319.D

Acq: 04 Oct 2022 11:01

Instrument :

MSVOA_V

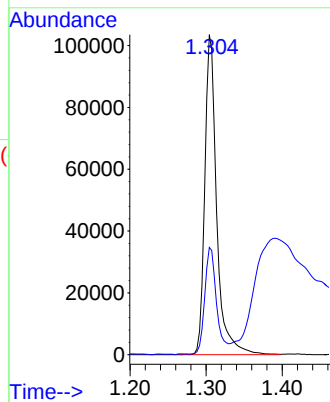
ClientSampleId :

Tgt Ion: 62 Resp: 112591

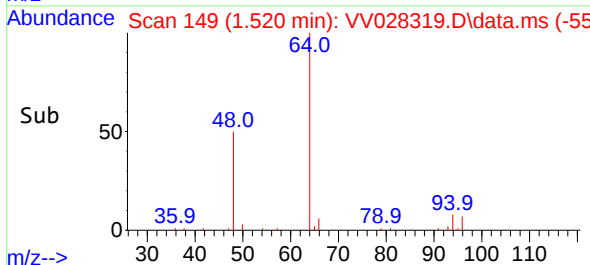
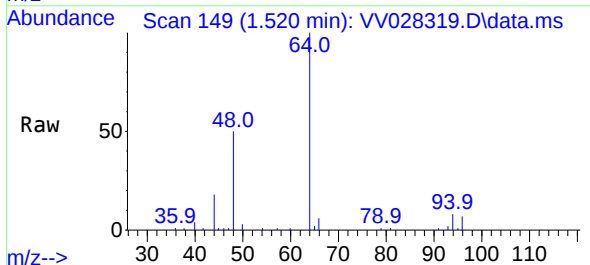
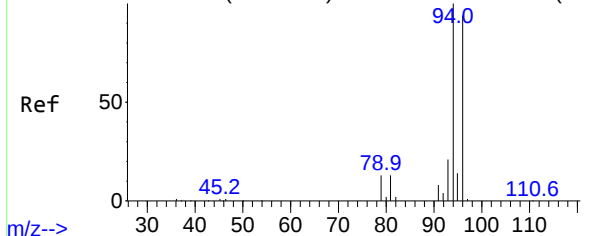
Ion Ratio Lower Upper

62 100

64 33.5 23.0 42.8



Abundance Scan 148 (1.516 min): VV028271.D\data.ms (-13)



#6

Bromomethane

Concen: 0.119 ug/L

RT: 1.520 min Scan# 149

Delta R.T. 0.003 min

Lab File: VV028319.D

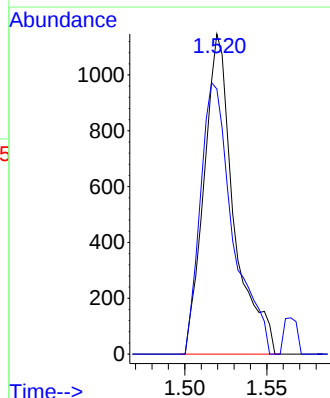
Acq: 04 Oct 2022 11:01

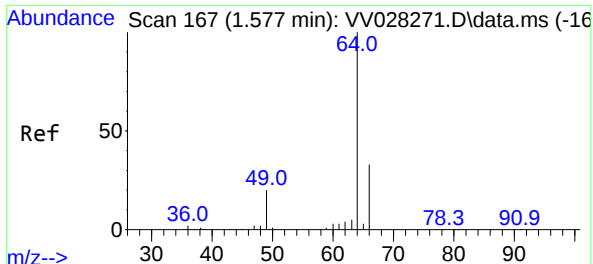
Tgt Ion: 94 Resp: 1451

Ion Ratio Lower Upper

94 100

96 82.8 66.7 123.9

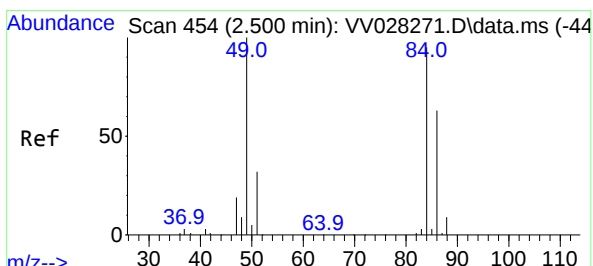
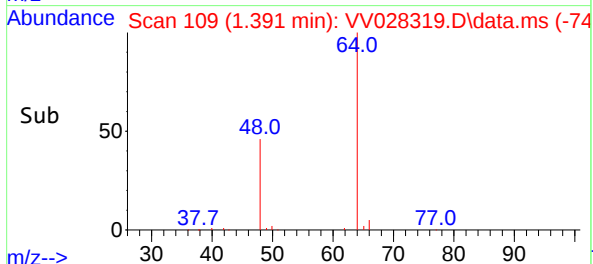
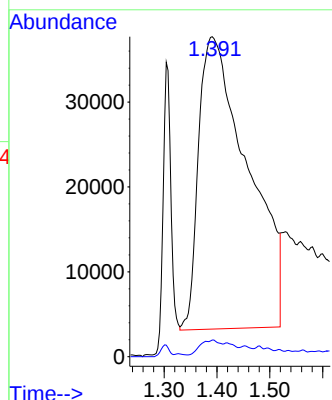
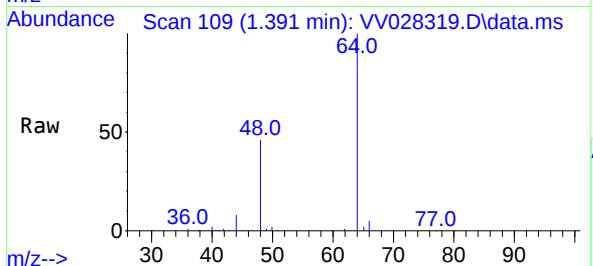




#8
Chloroethane
Concen: 13.020 ug/L
RT: 1.391 min Scan# 10
Delta R.T. -0.186 min
Lab File: VV028319.D
Acq: 04 Oct 2022 11:01

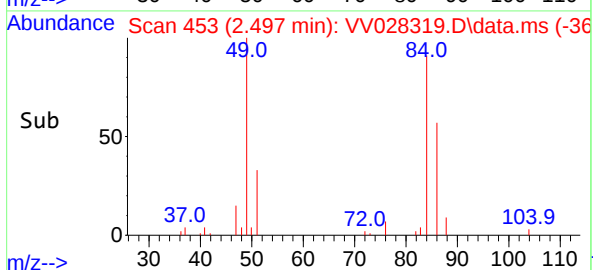
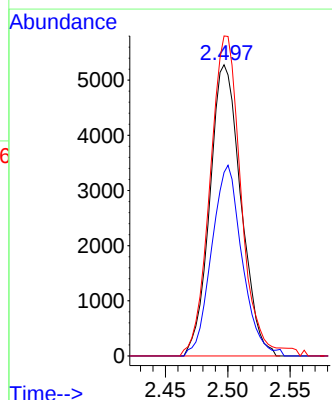
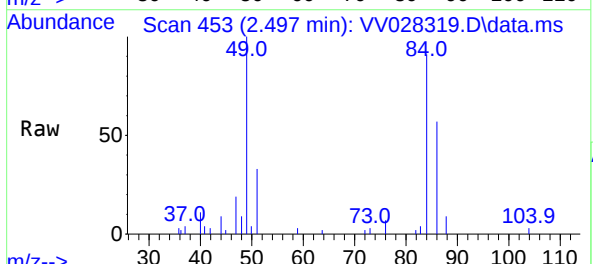
Instrument :
MSVOA_V
ClientSampleId :

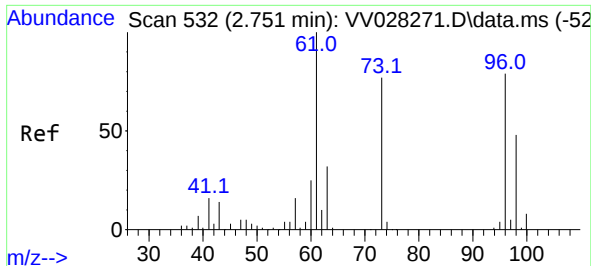
Tgt Ion: 64 Resp: 223050
Ion Ratio Lower Upper
64 100
66 5.2 23.0 42.8#



#16
Methylene chloride
Concen: 0.379 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV028319.D
Acq: 04 Oct 2022 11:01

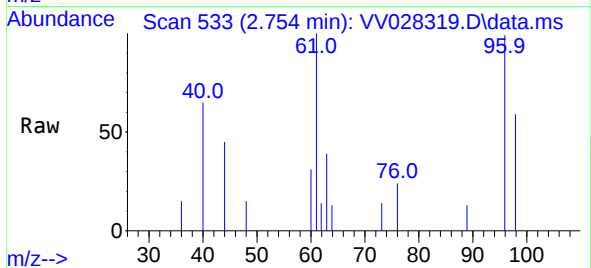
Tgt Ion: 84 Resp: 9165
Ion Ratio Lower Upper
84 100
86 63.0 46.8 86.8
49 109.9 87.5 162.5



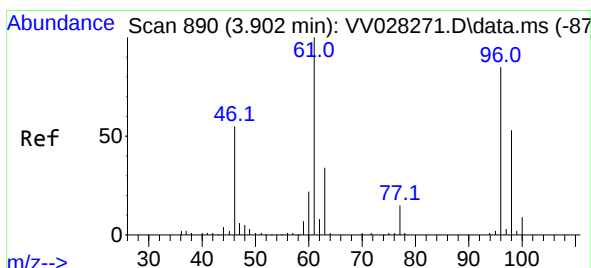
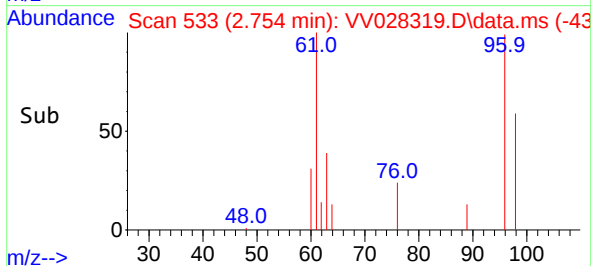
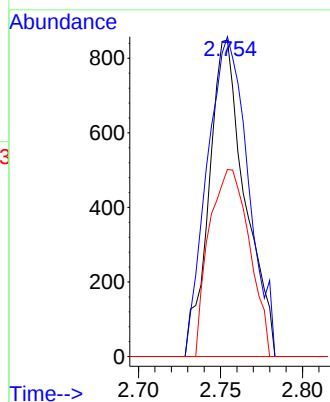


#18
trans-1,2-Dichloroethene
Concen: 0.058 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028319.D
Acq: 04 Oct 2022 11:01

Instrument :
MSVOA_V
ClientSampleId :

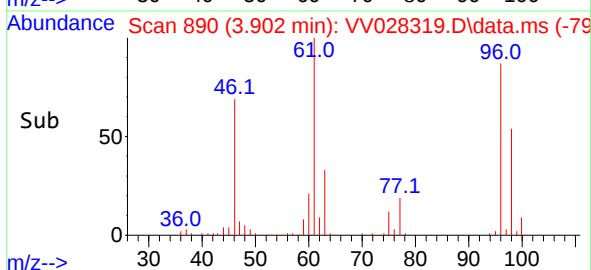
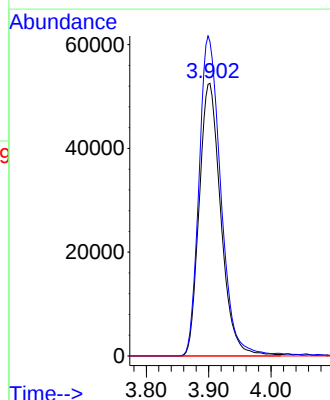
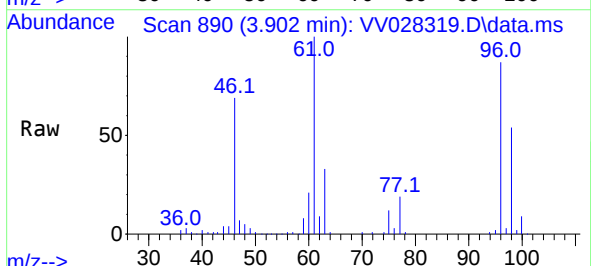


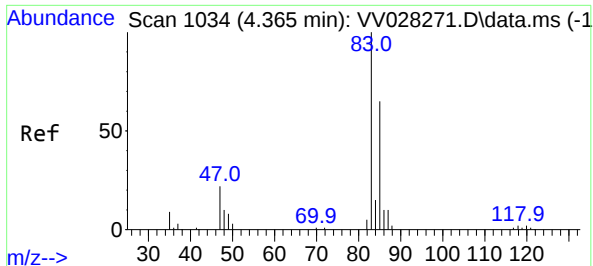
Tgt Ion: 96 Resp: 1300
Ion Ratio Lower Upper
96 100
61 101.1 96.2 178.6
98 59.1 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 5.608 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028319.D
Acq: 04 Oct 2022 11:01

Tgt Ion: 96 Resp: 126356
Ion Ratio Lower Upper
96 100
61 115.3 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.092 ug/L

RT: 4.362 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VV028319.D

Acq: 04 Oct 2022 11:01

Instrument :

MSVOA_V

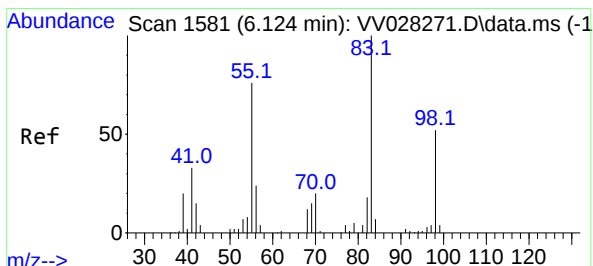
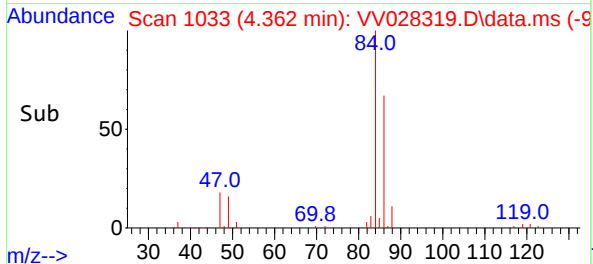
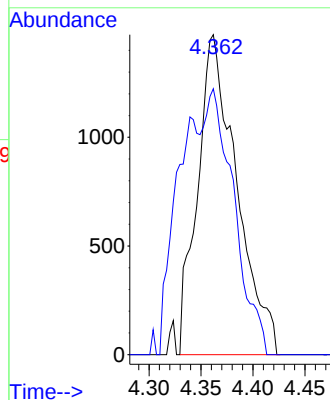
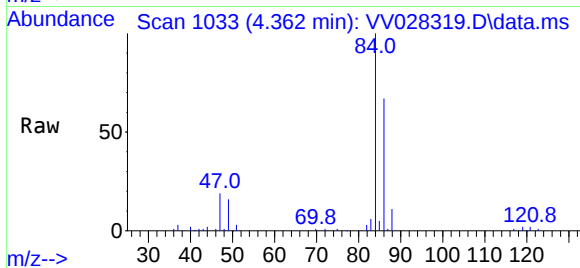
ClientSampleId :

Tgt Ion: 83 Resp: 3860

Ion Ratio Lower Upper

83 100

85 83.1 45.1 83.7



#35

Methylcyclohexane

Concen: 0.689 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV028319.D

Acq: 04 Oct 2022 11:01

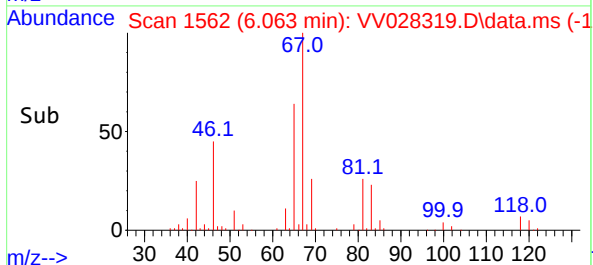
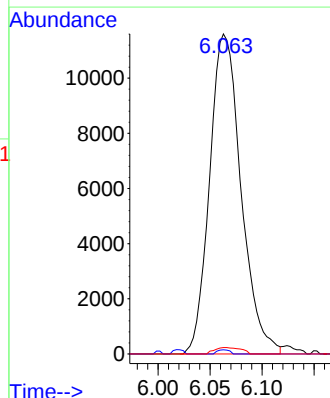
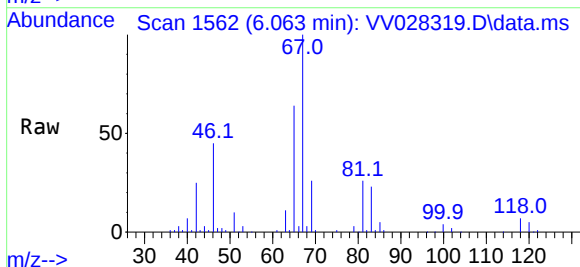
Tgt Ion: 83 Resp: 24438

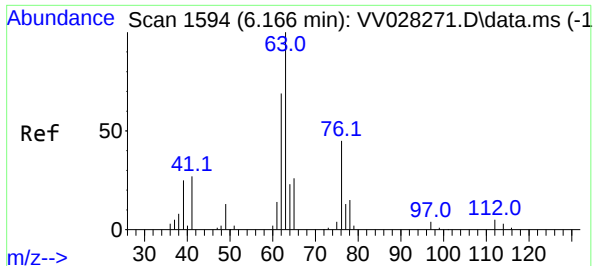
Ion Ratio Lower Upper

83 100

55 0.5 64.7 97.1#

98 1.7 39.5 59.3#

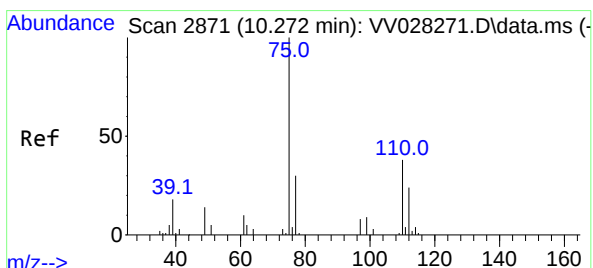
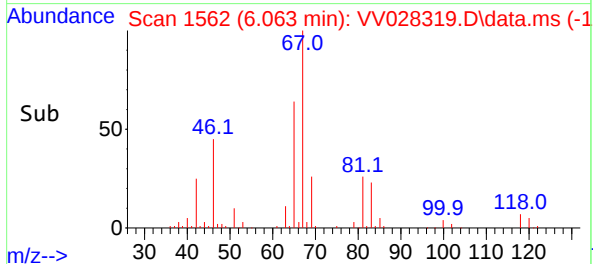
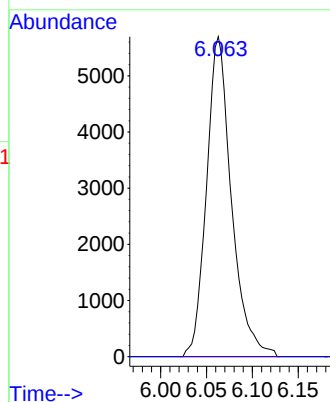
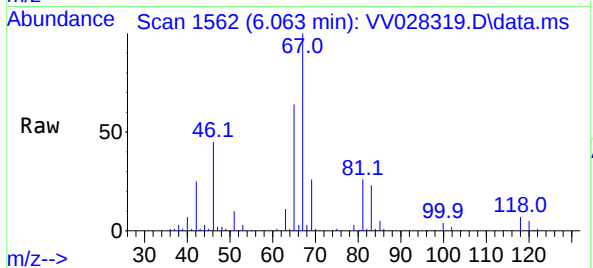




#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV028319.D
Acq: 04 Oct 2022 11:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 10764
Ion Ratio Lower Upper
63 100
112 0.4 3.5 5.3#



#61
1,2,3-Trichloropropane
Concen: 1.288 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.972 min
Lab File: VV028319.D
Acq: 04 Oct 2022 11:01

Tgt Ion: 75 Resp: 13707
Ion Ratio Lower Upper
75 100
77 33.6 26.7 40.1
110 2.5 30.1 45.1#

