

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029344.D
 Acq On : 25 Nov 2022 10:13
 Operator : SY/MD
 Sample : N5760-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL16

Quant Time: Nov 25 21:29:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

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

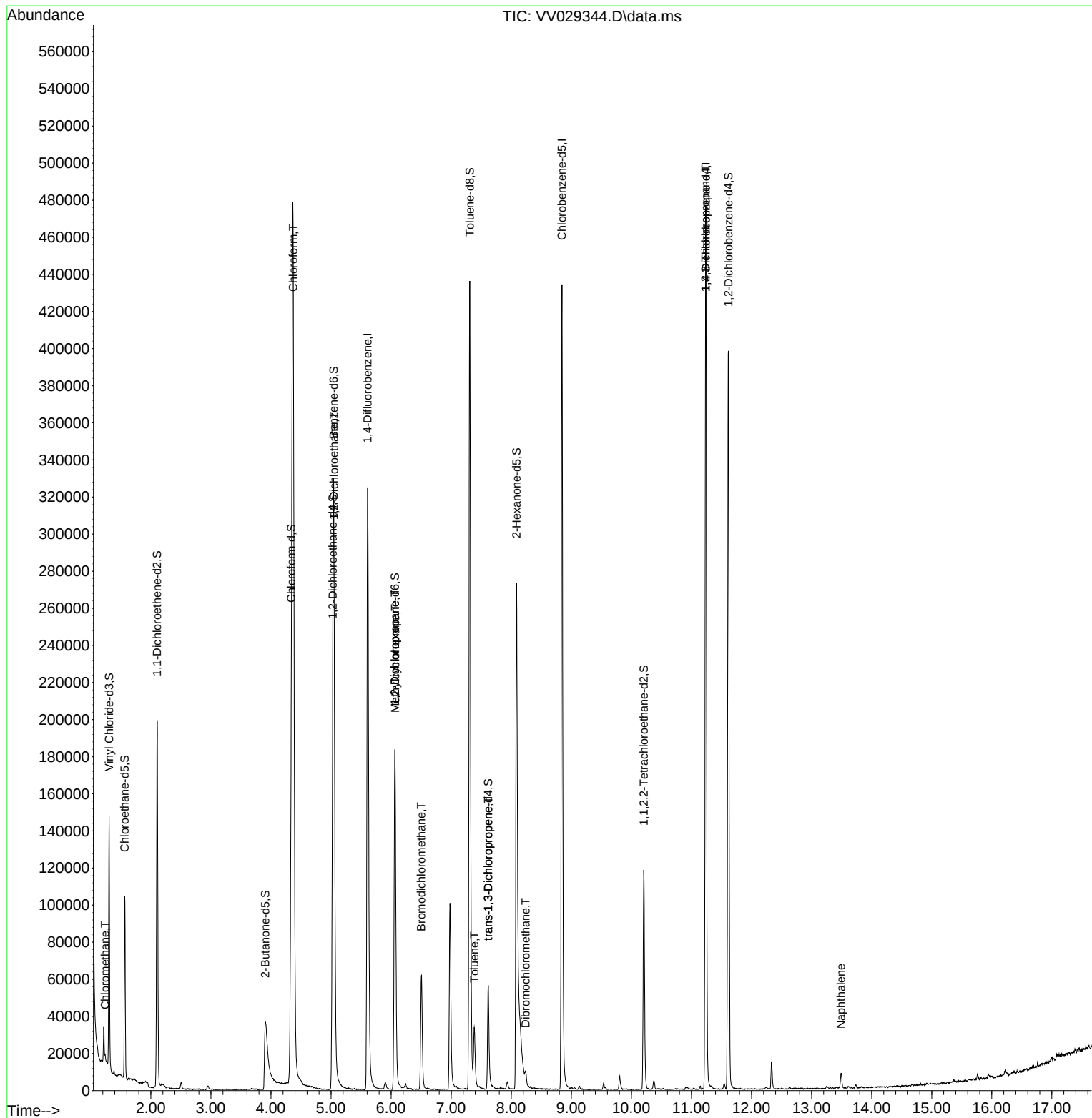
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	301670	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	257732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	133807	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84799	4.568	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.564	69	63808	4.695	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.104	63	102451	3.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.905	46	90556	29.158	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.320%
24) Chloroform-d	4.339	84	168125	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.027	65	69116	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.043	84	332289	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.063	67	97161	4.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.310	98	308434	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.616	79	35958	4.660	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.088	63	136700	49.696	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.400%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	60480	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	109228	4.673	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
3) Chloromethane	1.240	50	1980	0.096	ug/L	94
25) Chloroform	4.368	83	455949	13.629	ug/L	99
27) 1,2-Dichloroethane	5.050	62	1647	0.091	ug/L #	72
35) Methylcyclohexane	6.066	83	23189	0.699	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10456	0.576	ug/L #	85
38) Bromodichloromethane	6.503	83	44550	2.049	ug/L	99
42) Toluene	7.384	91	24876	0.301	ug/L	98
44) trans-1,3-Dichloropropene	7.616	75	1691	0.080	ug/L #	81
49) Dibromochloromethane	8.239	129	1503	0.109	ug/L	84
61) 1,2,3-Trichloropropane	11.236	75	14452	1.557	ug/L #	66
71) Naphthalene	13.490	128	8375	0.359	ug/L	98

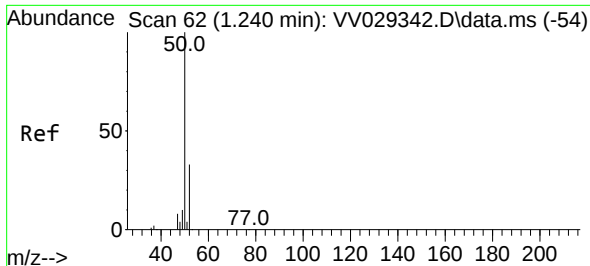
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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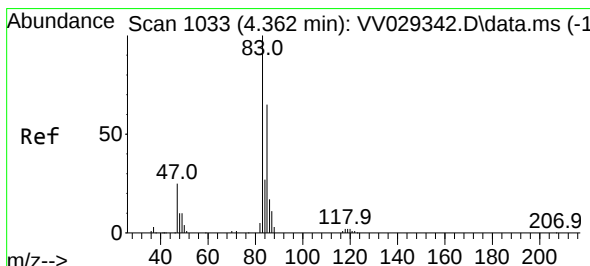
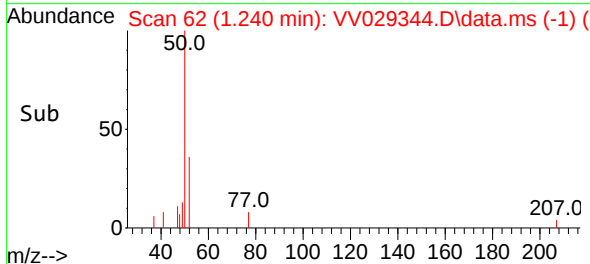
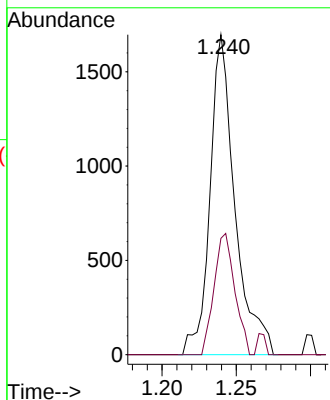
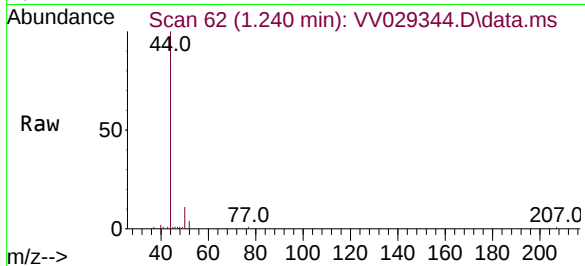




#3
Chloromethane
Concen: 0.096 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029344.D
Acq: 25 Nov 2022 10:13

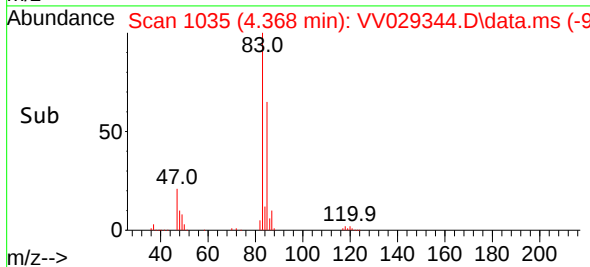
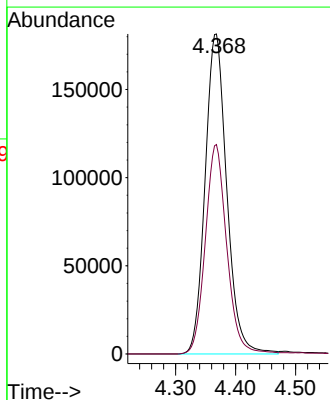
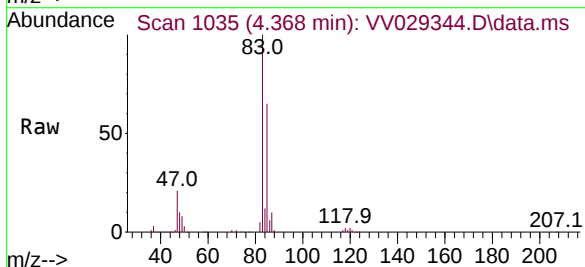
Instrument :
MSVOA_V
ClientSampleId :
COL16

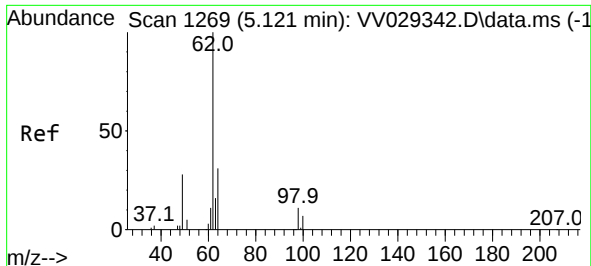
Tgt Ion: 50 Resp: 1980
Ion Ratio Lower Upper
50 100
52 36.4 23.2 43.2



#25
Chloroform
Concen: 13.629 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VV029344.D
Acq: 25 Nov 2022 10:13

Tgt Ion: 83 Resp: 455949
Ion Ratio Lower Upper
83 100
85 65.5 45.4 84.4





#27

1,2-Dichloroethane

Concen: 0.091 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.071 min

Lab File: VV029344.D

Acq: 25 Nov 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

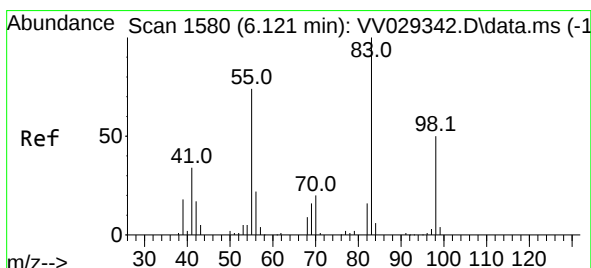
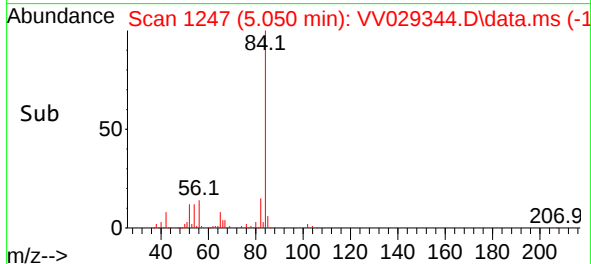
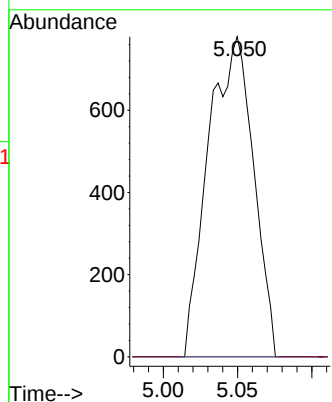
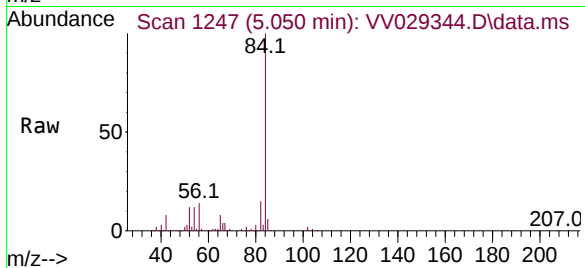
COL16

Tgt Ion: 62 Resp: 1647

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#35

Methylcyclohexane

Concen: 0.699 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.055 min

Lab File: VV029344.D

Acq: 25 Nov 2022 10:13

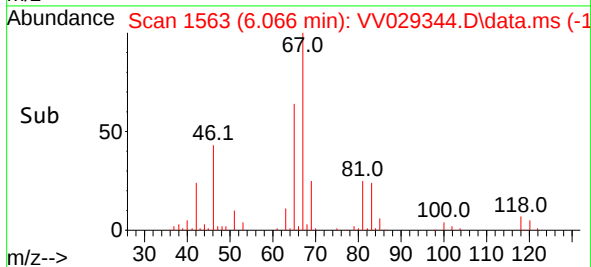
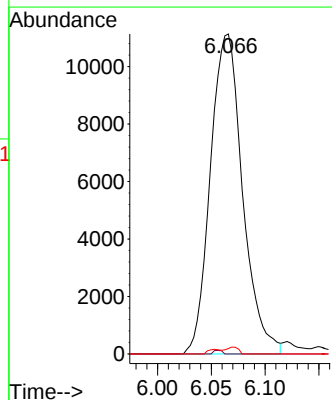
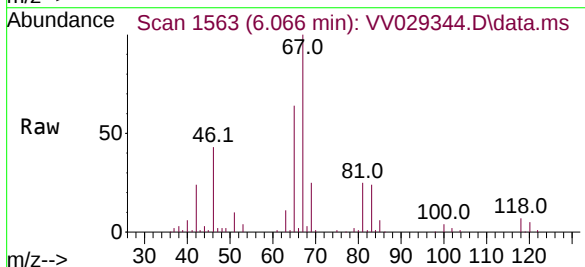
Tgt Ion: 83 Resp: 23189

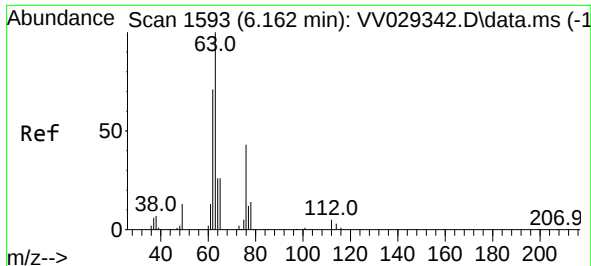
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.2#

98 0.8 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV029344.D

Acq: 25 Nov 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

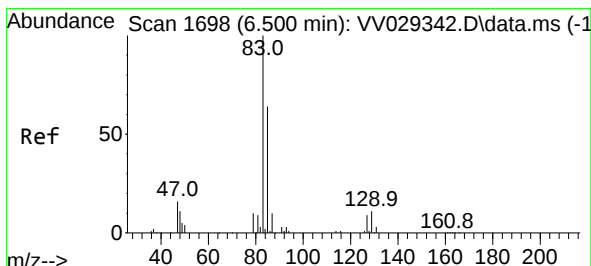
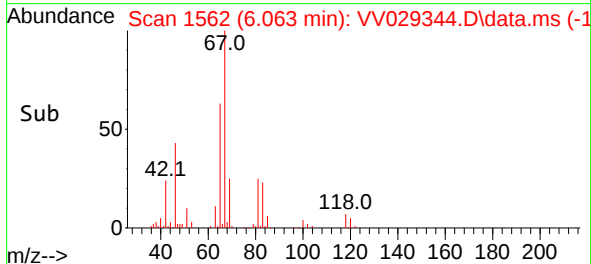
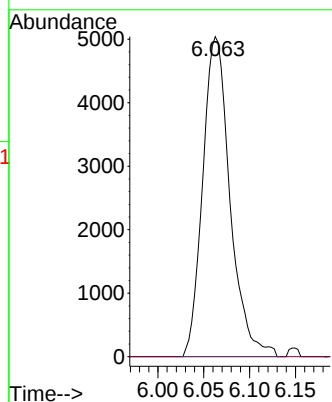
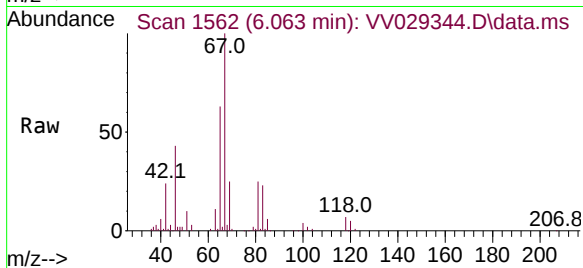
COL16

Tgt Ion: 63 Resp: 10456

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#38

Bromodichloromethane

Concen: 2.049 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV029344.D

Acq: 25 Nov 2022 10:13

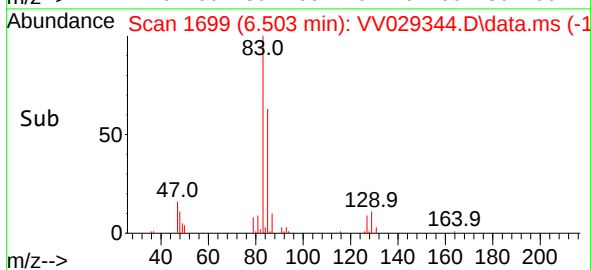
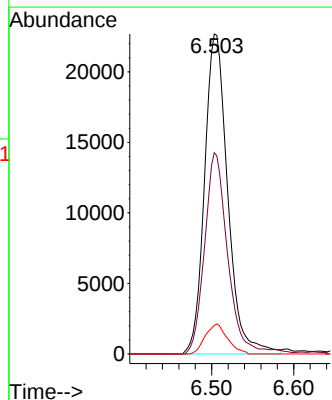
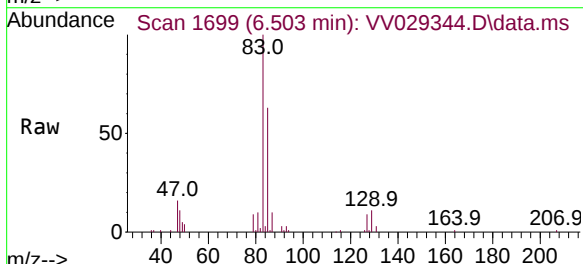
Tgt Ion: 83 Resp: 44550

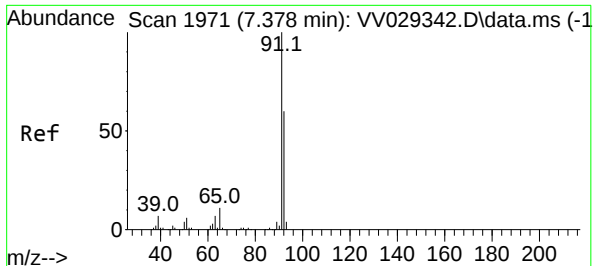
Ion Ratio Lower Upper

83 100

85 62.9 44.7 83.1

127 8.9 7.4 11.2

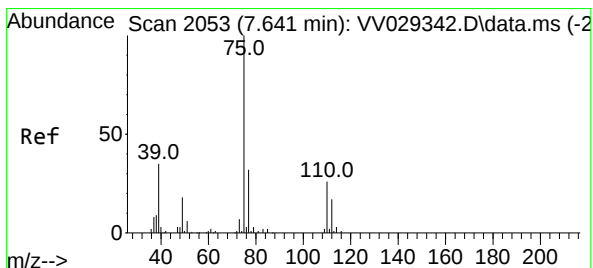
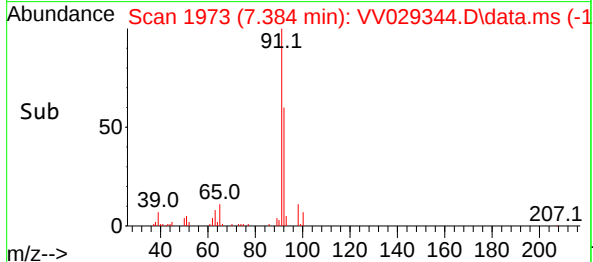
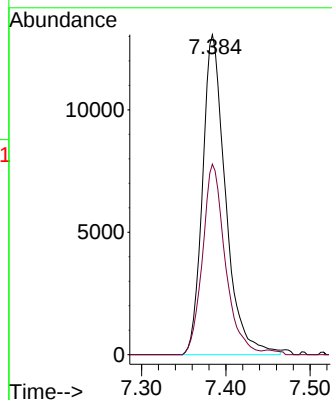
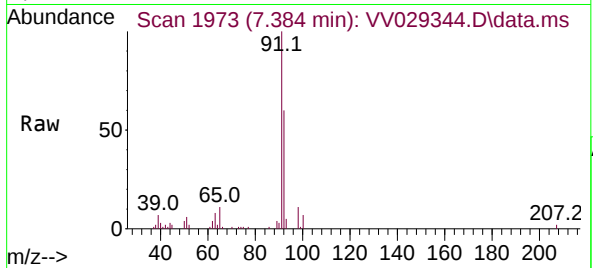




#42
Toluene
Concen: 0.301 ug/L
RT: 7.384 min Scan# 1971
Delta R.T. 0.006 min
Lab File: VV029344.D
Acq: 25 Nov 2022 10:13

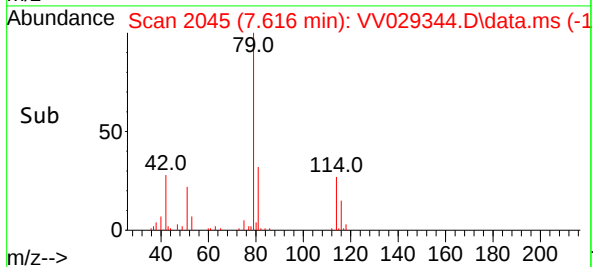
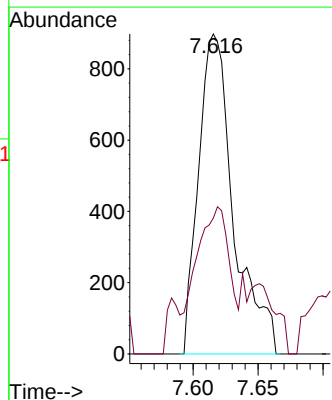
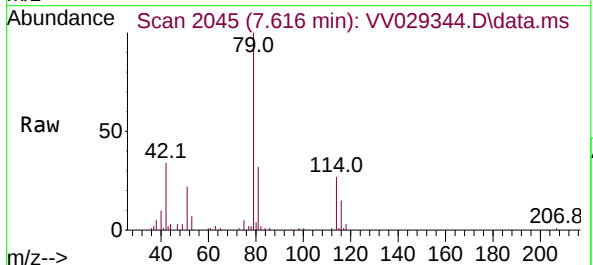
Instrument :
MSVOA_V
ClientSampleId :
COL16

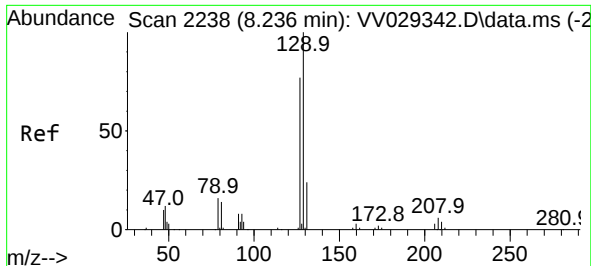
Tgt Ion: 91 Resp: 24876
Ion Ratio Lower Upper
91 100
92 59.6 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.616 min Scan# 2045
Delta R.T. -0.026 min
Lab File: VV029344.D
Acq: 25 Nov 2022 10:13

Tgt Ion: 75 Resp: 1691
Ion Ratio Lower Upper
75 100
77 42.4 22.4 41.6#





#49

Dibromochloromethane

Concen: 0.109 ug/L

RT: 8.239 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029344.D

Acq: 25 Nov 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

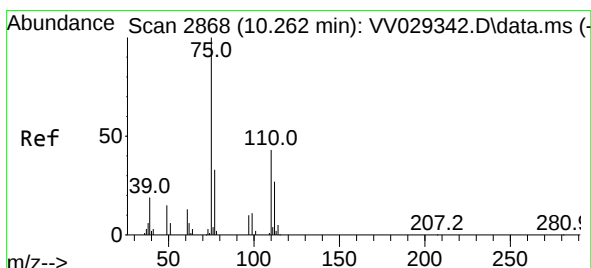
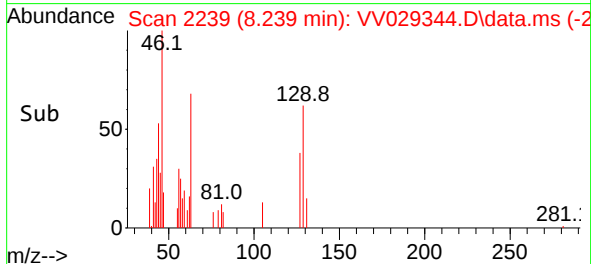
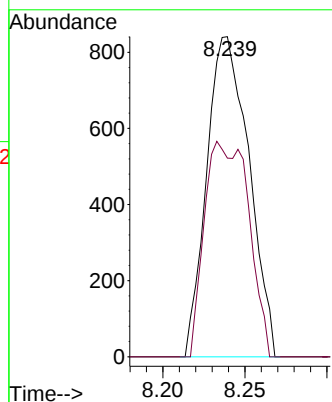
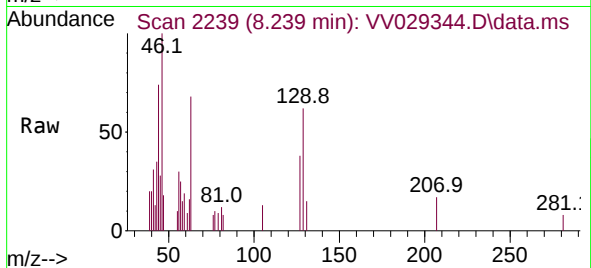
COL16

Tgt Ion:129 Resp: 1503

Ion Ratio Lower Upper

129 100

127 62.1 53.1 98.7



#61

1,2,3-Trichloropropane

Concen: 1.557 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029344.D

Acq: 25 Nov 2022 10:13

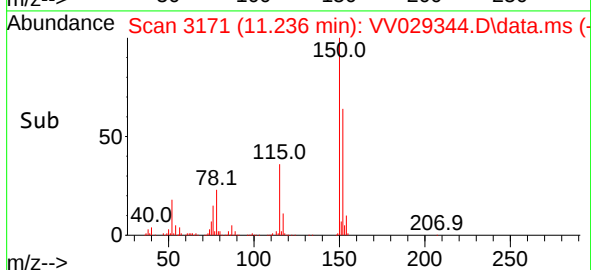
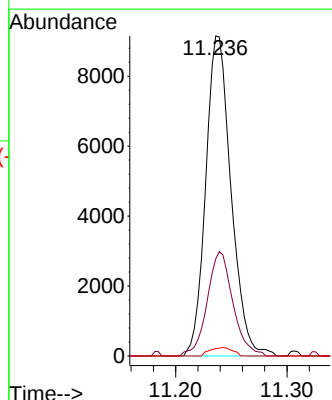
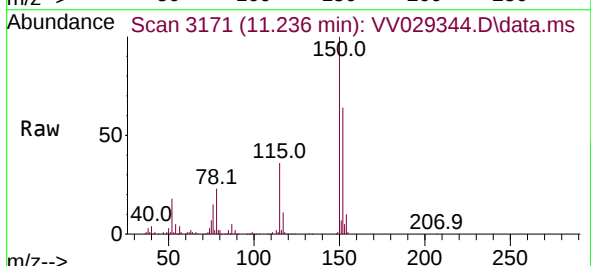
Tgt Ion: 75 Resp: 14452

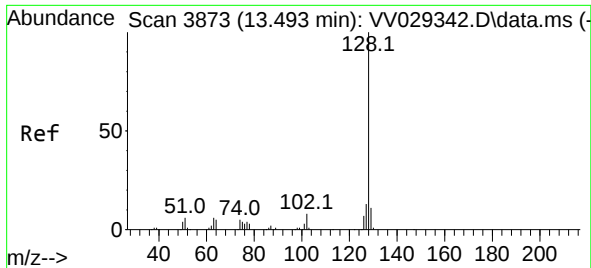
Ion Ratio Lower Upper

75 100

77 33.0 26.7 40.1

110 2.4 32.2 48.4#





#71
Naphthalene
Concen: 0.359 ug/L
RT: 13.490 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV029344.D
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ClientSampleId :
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Tgt Ion:128 Resp: 8375
Ion Ratio Lower Upper
128 100
129 10.2 8.9 13.3
127 14.0 10.6 15.8

