

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033312.D
 Acq On : 14 Dec 2023 05:55
 Operator : SY/MD
 Sample : 05770-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y84

Quant Time: Dec 14 07:51:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	126299	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	122611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	63404	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36508	4.509	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.532	69	28565	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.060	65	15265	4.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	3.799	46	49681	51.851	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	4.249	84	86042	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	4.944	65	40009	5.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	4.960	84	160965	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	5.989	67	37494	5.193	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.243	98	152916	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	7.558	79	16558	5.028	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.027	63	49062	53.360	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.720%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	26837	5.496	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	61960	5.548	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%

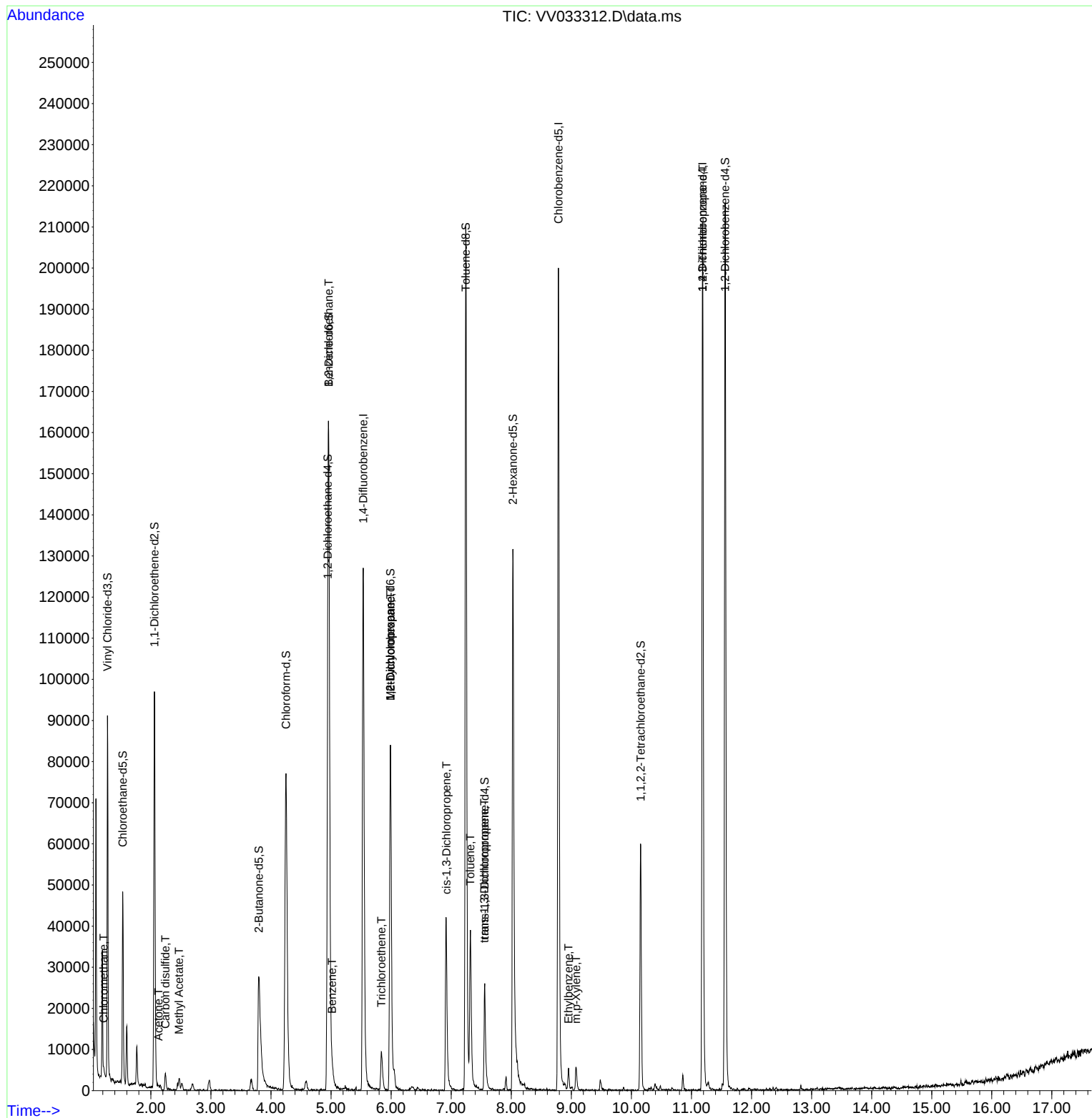
Target Compounds				Qvalue		
3) Chloromethane	1.217	50	1078	0.120	ug/L	93
13) Acetone	2.127	43	1572	2.318	ug/L	64
14) Carbon disulfide	2.243	76	5240	0.223	ug/L	97
15) Methyl Acetate	2.468	43	1658	0.923	ug/L #	49
27) 1,2-Dichloroethane	4.960	62	1015	0.114	ug/L #	72
33) Benzene	5.018	78	3833	0.117	ug/L	100
34) Trichloroethene	5.838	95	1664	0.174	ug/L	91
35) Methylcyclohexane	5.989	83	11481	0.809	ug/L #	22
37) 1,2-Dichloropropane	5.989	63	5556	0.841	ug/L #	81
39) cis-1,3-Dichloropropene	6.921	75	1152	0.107	ug/L #	68
42) Toluene	7.320	91	31433	0.835	ug/L	93
44) trans-1,3-Dichloropropene	7.555	75	757	0.085	ug/L	95
52) Ethylbenzene	8.953	91	3707	0.088	ug/L	100
53) m,p-Xylene	9.082	106	2424	0.140	ug/L	68
61) 1,2,3-Trichloropropane	11.188	75	5567	1.657	ug/L #	57

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

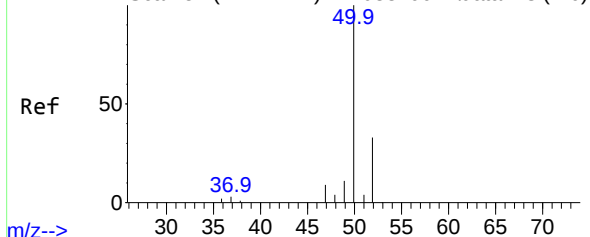
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033312.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 14 01:07:25 2023
Response via : Initial Calibration



Abundance Scan 54 (1.214 min): VV033299.D\data.ms (-46)



#3

Chloromethane

Concen: 0.120 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV033312.D

Acq: 14 Dec 2023 05:55

Instrument :

MSVOA_V

ClientSampleId :

E0Y84

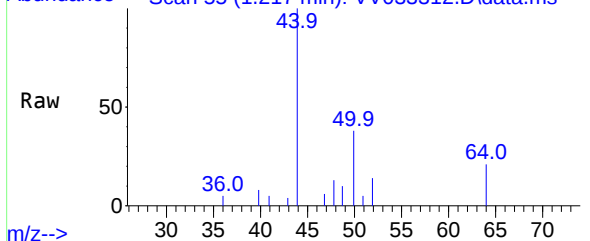
Tgt Ion: 50 Resp: 1078

Ion Ratio Lower Upper

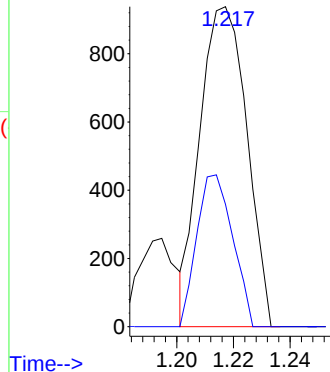
50 100

52 38.3 23.8 44.2

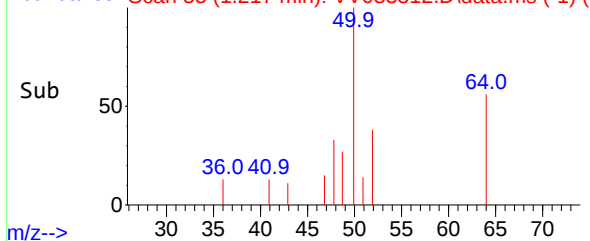
Abundance Scan 55 (1.217 min): VV033312.D\data.ms



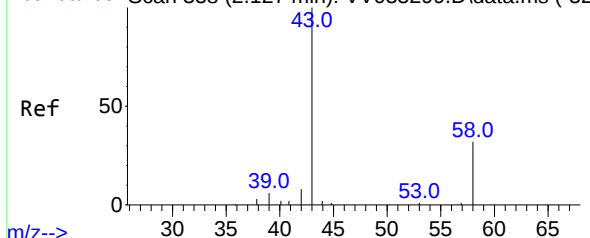
Abundance



Abundance Scan 55 (1.217 min): VV033312.D\data.ms (-1)



Abundance Scan 338 (2.127 min): VV033299.D\data.ms (-32)



#13

Acetone

Concen: 2.318 ug/L

RT: 2.127 min Scan# 338

Delta R.T. 0.000 min

Lab File: VV033312.D

Acq: 14 Dec 2023 05:55

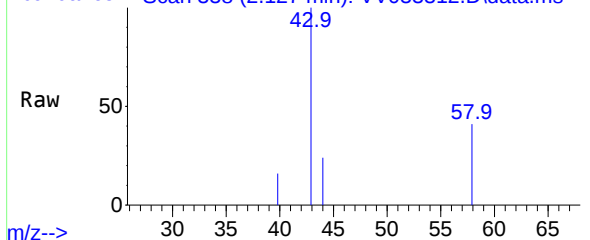
Tgt Ion: 43 Resp: 1572

Ion Ratio Lower Upper

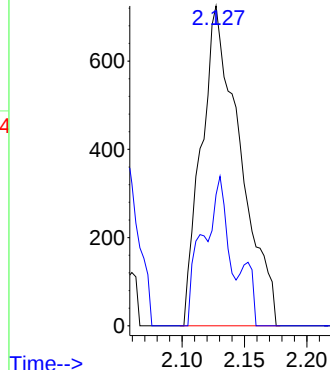
43 100

58 30.2 0.0 30.2

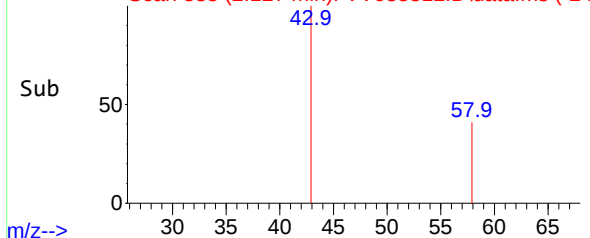
Abundance Scan 338 (2.127 min): VV033312.D\data.ms

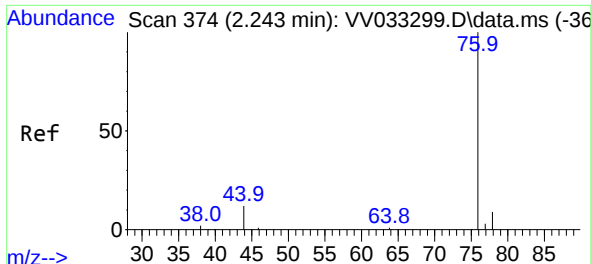


Abundance



Abundance Scan 338 (2.127 min): VV033312.D\data.ms (-24)

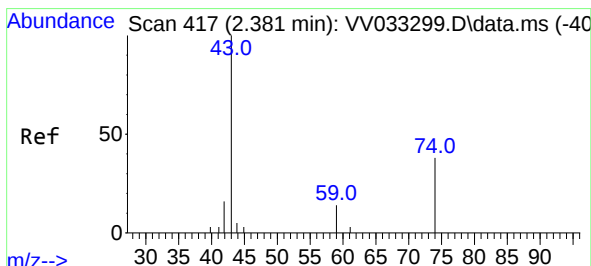
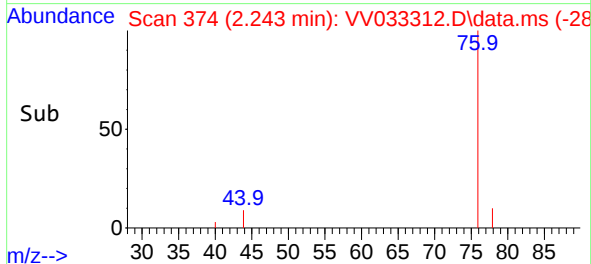
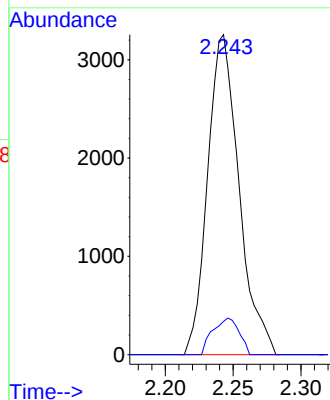
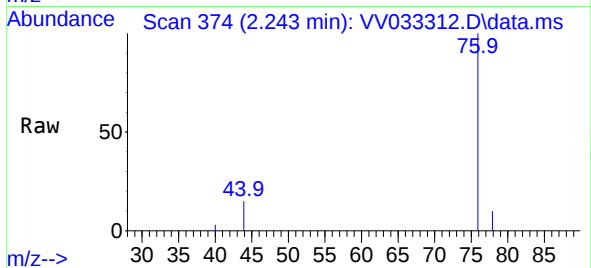




#14
Carbon disulfide
Concen: 0.223 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033312.D
Acq: 14 Dec 2023 05:55

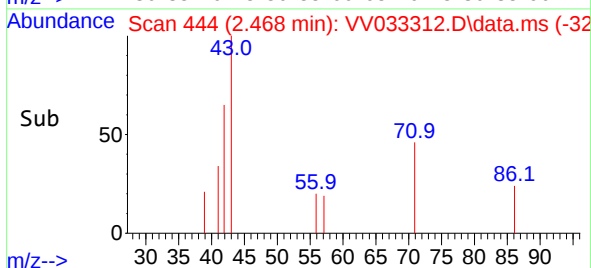
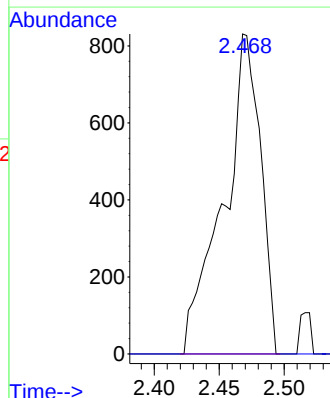
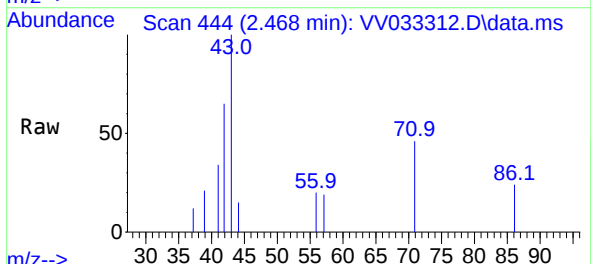
Instrument :
MSVOA_V
ClientSampleId :
E0Y84

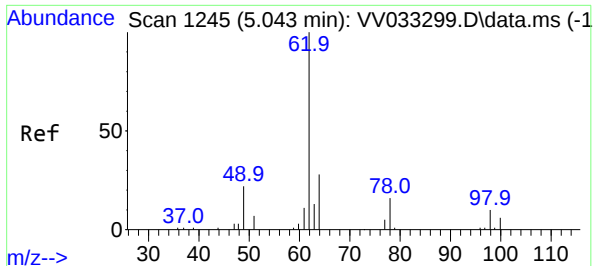
Tgt Ion: 76 Resp: 5240
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0



#15
Methyl Acetate
Concen: 0.923 ug/L
RT: 2.468 min Scan# 444
Delta R.T. 0.087 min
Lab File: VV033312.D
Acq: 14 Dec 2023 05:55

Tgt Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.6#

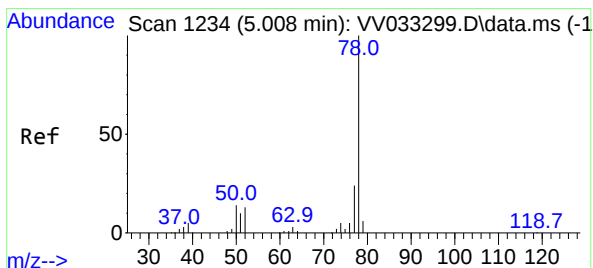
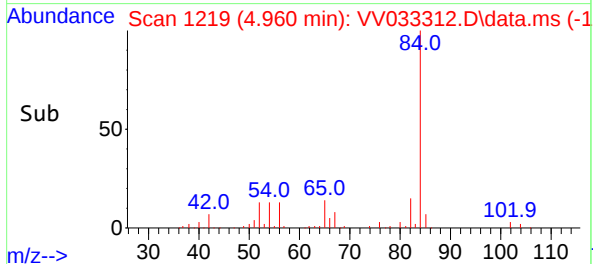
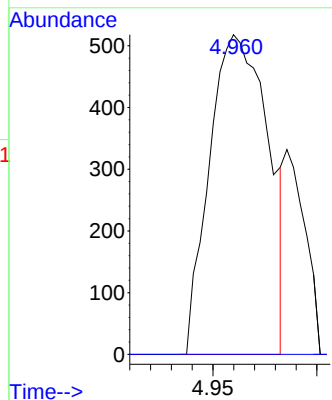
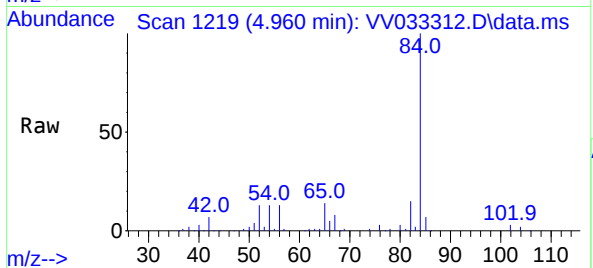




#27
1,2-Dichloroethane
Concen: 0.114 ug/L
RT: 4.960 min Scan# 11
Delta R.T. -0.084 min
Lab File: VV033312.D
Acq: 14 Dec 2023 05:55

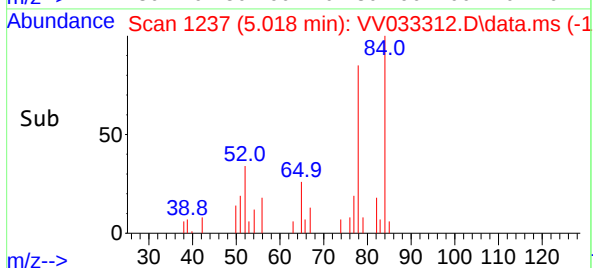
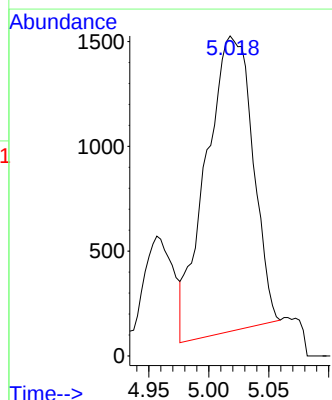
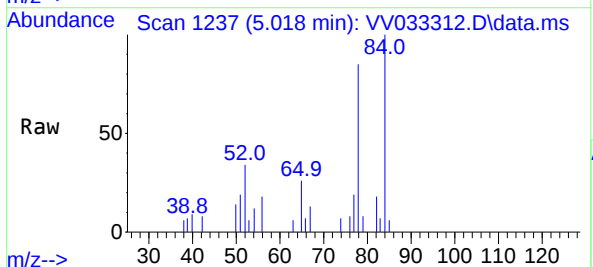
Instrument :
MSVOA_V
ClientSampleId :
E0Y84

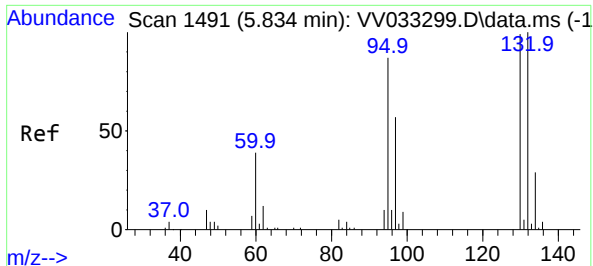
Tgt Ion: 62 Resp: 1015
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#33
Benzene
Concen: 0.117 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VV033312.D
Acq: 14 Dec 2023 05:55

Tgt Ion: 78 Resp: 3833



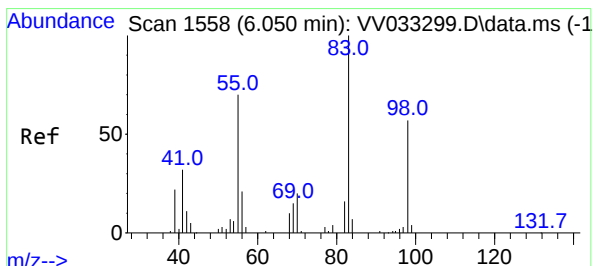
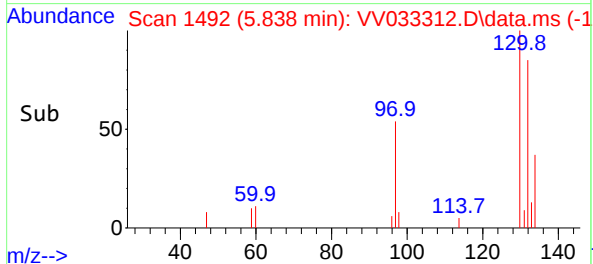
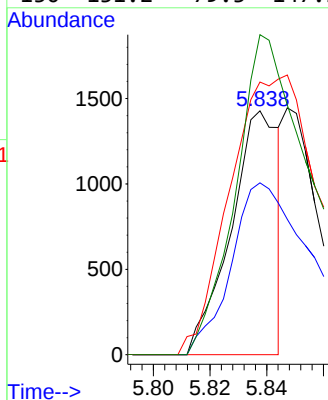
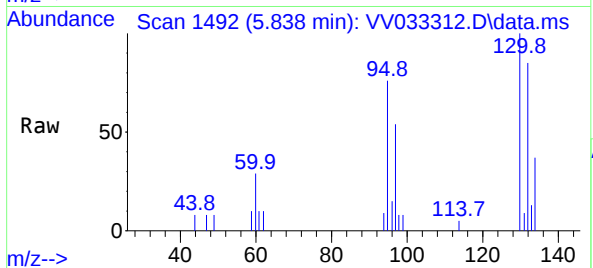


#34
Trichloroethene
Concen: 0.174 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV033312.D
Acq: 14 Dec 2023 05:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y84

Tgt Ion: 95 Resp: 1664

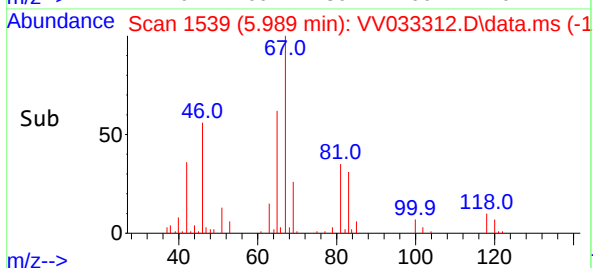
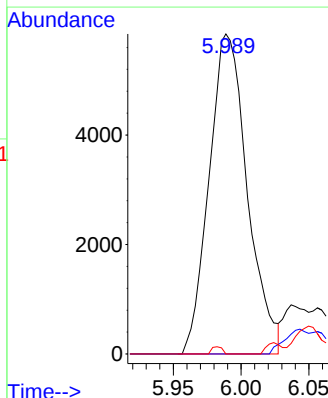
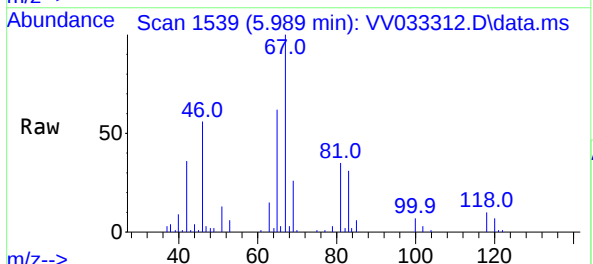
Ion	Ratio	Lower	Upper
95	100		
97	70.4	46.5	86.5
132	111.8	75.1	139.5
130	131.2	79.3	147.3

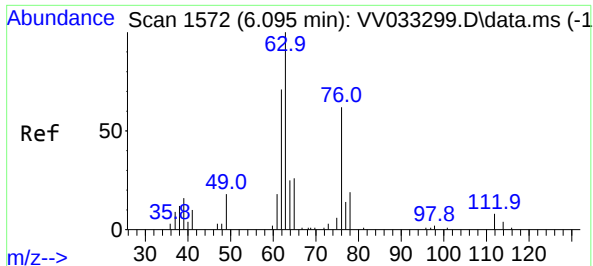


#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV033312.D
Acq: 14 Dec 2023 05:55

Tgt Ion: 83 Resp: 11481

Ion	Ratio	Lower	Upper
83	100		
55	0.0	50.7	76.1#
98	0.6	42.4	63.6#

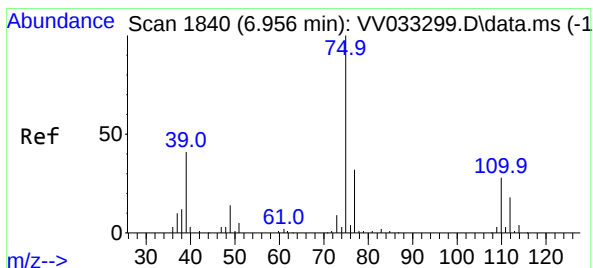
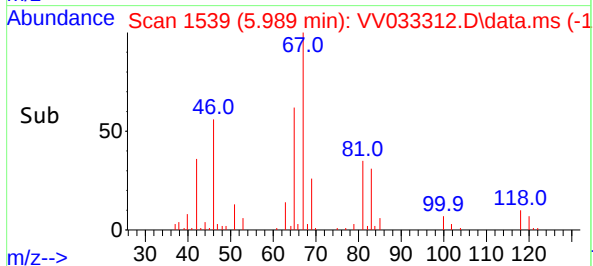
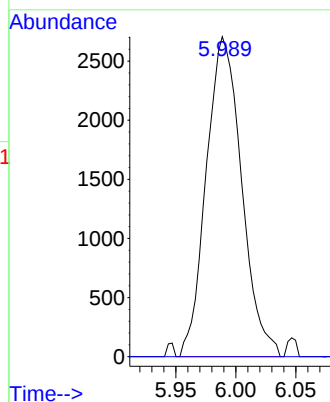
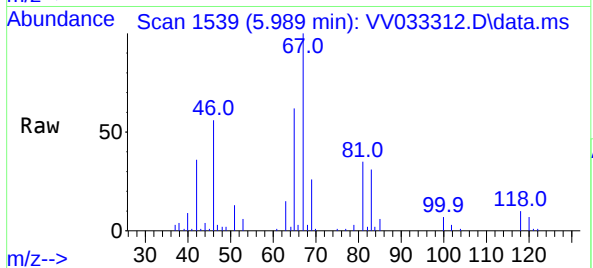




#37
1,2-Dichloropropane
Concen: 0.841 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV033312.D
Acq: 14 Dec 2023 05:55

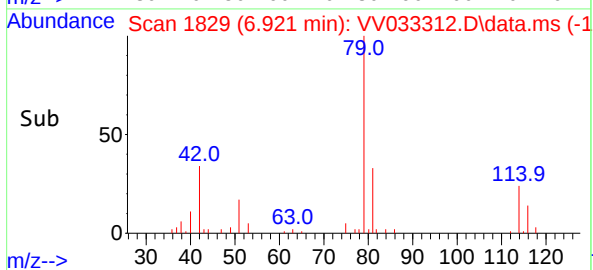
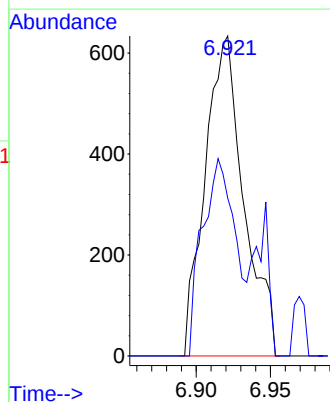
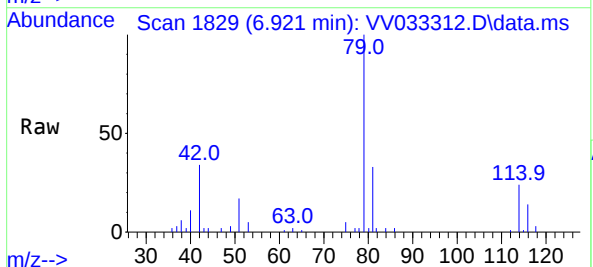
Instrument :
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E0Y84

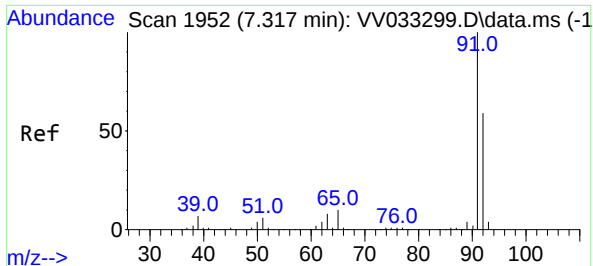
Tgt Ion: 63 Resp: 5556
Ion Ratio Lower Upper
63 100
112 0.0 5.0 7.6#



#39
cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 6.921 min Scan# 1829
Delta R.T. -0.035 min
Lab File: VV033312.D
Acq: 14 Dec 2023 05:55

Tgt Ion: 75 Resp: 1152
Ion Ratio Lower Upper
75 100
77 49.4 22.1 41.1#





#42

Toluene

Concen: 0.835 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV033312.D

Acq: 14 Dec 2023 05:55

Instrument :

MSVOA_V

ClientSampleId :

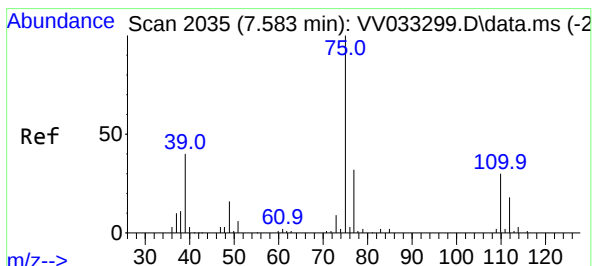
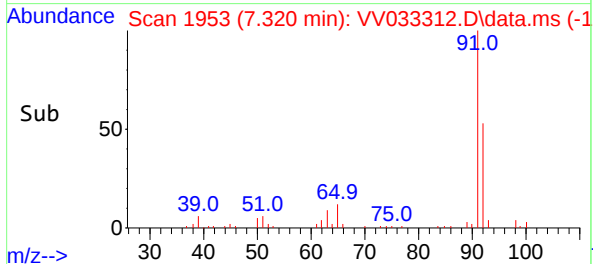
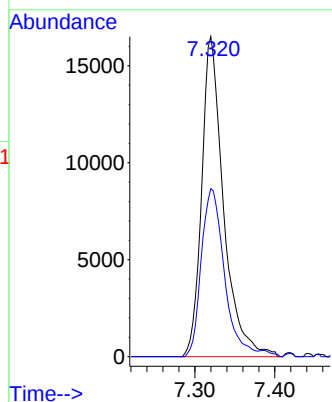
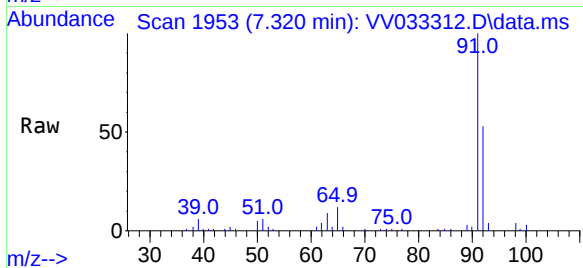
E0Y84

Tgt Ion: 91 Resp: 31433

Ion Ratio Lower Upper

91 100

92 52.5 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.555 min Scan# 2026

Delta R.T. -0.029 min

Lab File: VV033312.D

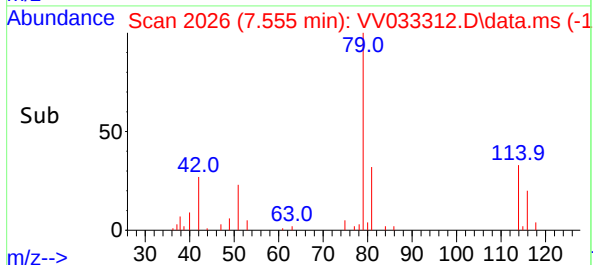
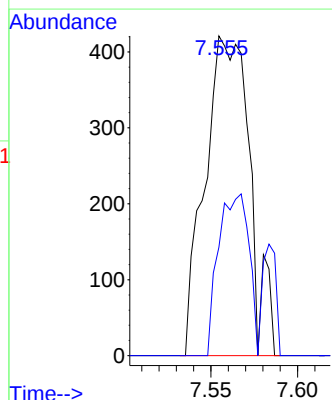
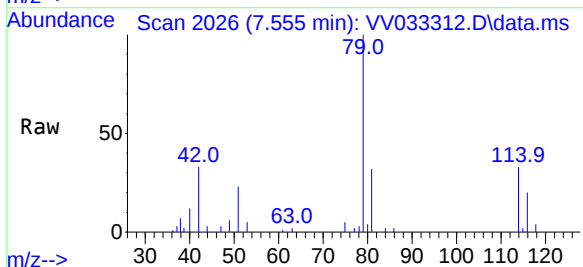
Acq: 14 Dec 2023 05:55

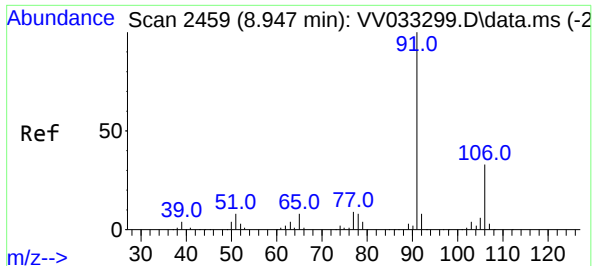
Tgt Ion: 75 Resp: 757

Ion Ratio Lower Upper

75 100

77 34.0 21.7 40.3





#52

Ethylbenzene

Concen: 0.088 ug/L

RT: 8.953 min Scan# 2459

Delta R.T. 0.006 min

Lab File: VV033312.D

Acq: 14 Dec 2023 05:55

Instrument :

MSVOA_V

ClientSampleId :

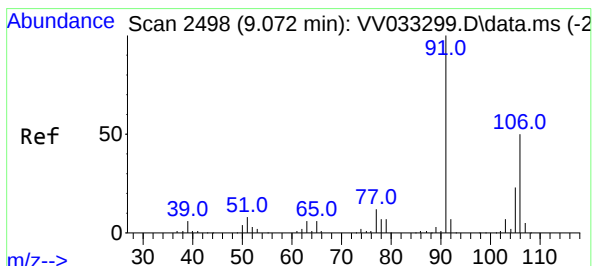
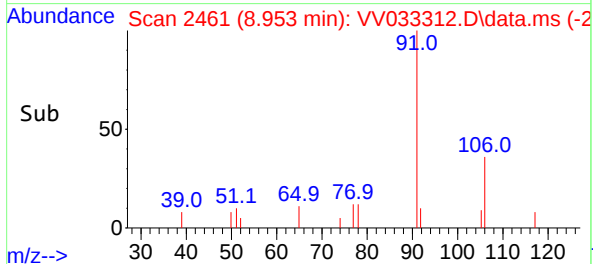
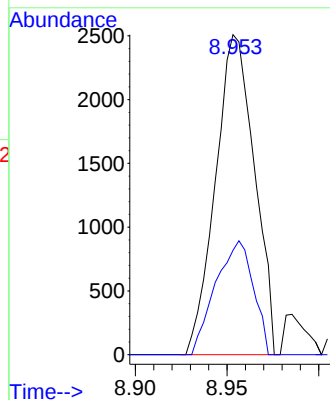
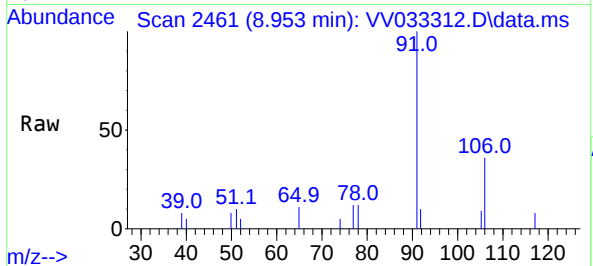
E0Y84

Tgt Ion: 91 Resp: 3707

Ion Ratio Lower Upper

91 100

106 32.6 22.7 42.3



#53

m,p-Xylene

Concen: 0.140 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.010 min

Lab File: VV033312.D

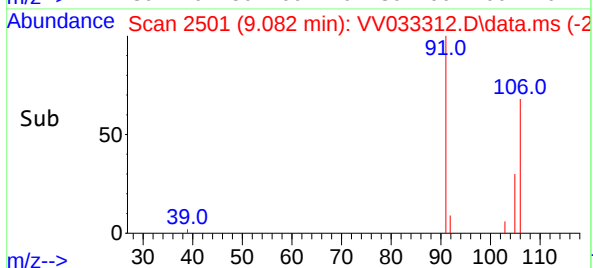
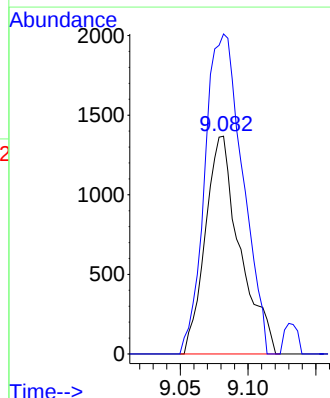
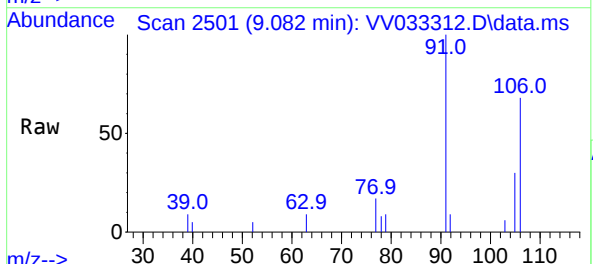
Acq: 14 Dec 2023 05:55

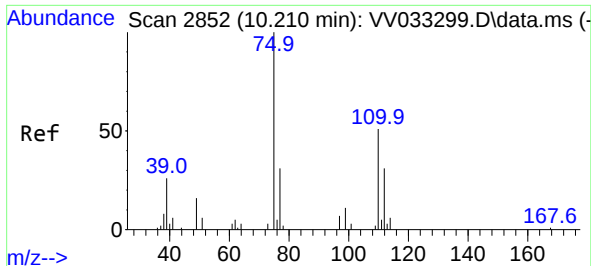
Tgt Ion: 106 Resp: 2424

Ion Ratio Lower Upper

106 100

91 146.9 136.8 254.0





#61
1,2,3-Trichloropropane
Concen: 1.657 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.978 min
Lab File: VV033312.D
Acq: 14 Dec 2023 05:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y84

Tgt Ion: 75 Resp: 5567
Ion Ratio Lower Upper
75 100
77 35.9 27.4 41.2
110 0.9 39.4 59.2#

