

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
 Data File : VW024515.D
 Acq On : 31 Aug 2022 15:40
 Operator : SY/VA
 Sample : N4440-08
 Misc : 5.21g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COZK3

Quant Time: Sep 01 03:01:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 31 02:55:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	62623	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	40006	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	12871	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	47436	27.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.920%
7) Chloroethane-d5	2.873	69	28239	21.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	4.001	63	32869	21.955	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.800%
21) 2-Butanone-d5	7.073	46	6051	19.031	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.060%
24) Chloroform-d	7.646	84	46612	23.152	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	8.543	65	120	0.098	ug/L	0.24
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.400%#
32) Benzene-d6	8.274	84	79054	34.489	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	137.960%#
36) 1,2-Dichloropropane-d6	9.274	67	31180	43.740	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	174.960%#
41) Toluene-d8	10.323	98	57628	26.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.760%
43) trans-1,3-Dichloroprop...	10.579	79	7429	22.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.080%
47) 2-Hexanone-d5	10.920	63	8623	54.055	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.120%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20651	25.587	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	10051	20.737	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.960%

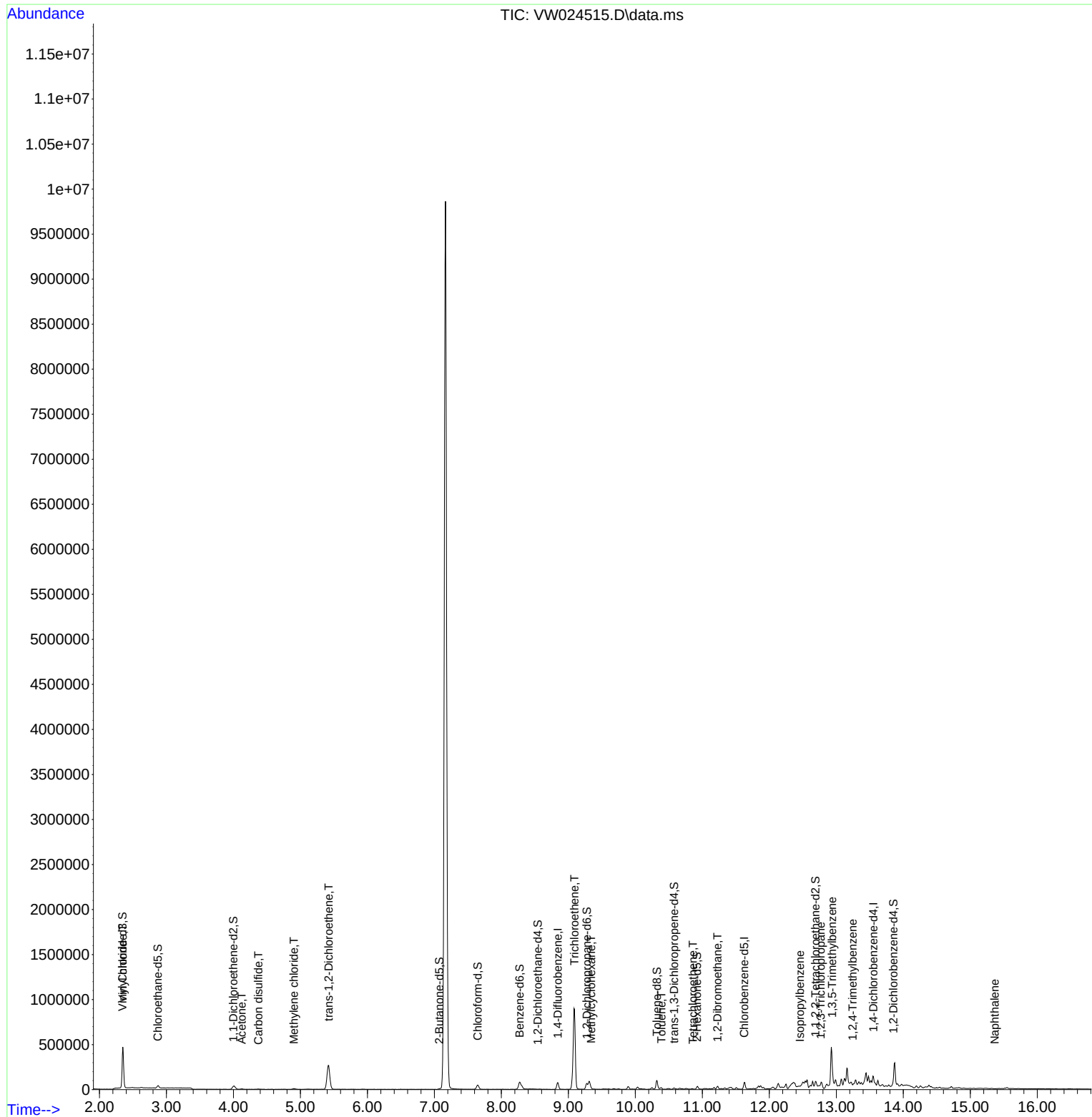
Target Compounds						Qvalue
5) Vinyl chloride	2.349	62	378523	184.778	ug/L	97
13) Acetone	4.123	43	7131	37.581	ug/L	83
14) Carbon disulfide	4.373	76	5137	2.066	ug/L #	83
16) Methylene chloride	4.903	84	5263	5.011	ug/L	82
17) trans-1,2-Dichloroethene	5.421	96	165398	186.808	ug/L	98
34) Trichloroethene	9.091	95	281953	429.494	ug/L	96
35) Methylcyclohexane	9.341	83	5209	4.946	ug/L #	1
42) Toluene	10.390	91	11793	4.290	ug/L	92
46) Tetrachloroethene	10.859	164	493	0.967	ug/L #	80
50) 1,2-Dibromoethane	11.225	107	394	0.782	ug/L #	17
60) Isopropylbenzene	12.457	105	1115	0.652	ug/L #	47
61) 1,2,3-Trichloropropane	12.767	75	204	0.701	ug/L #	1
62) 1,3,5-Trimethylbenzene	12.938	105	10332	7.495	ug/L	98
63) 1,2,4-Trimethylbenzene	13.243	105	3012	2.250	ug/L	92
71) Naphthalene	15.365	128	648	0.719	ug/L #	75

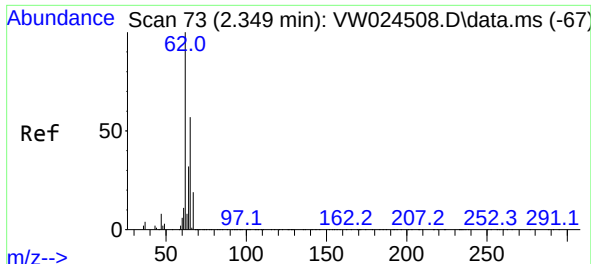
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Aug 31 02:55:40 2022
Response via : Initial Calibration

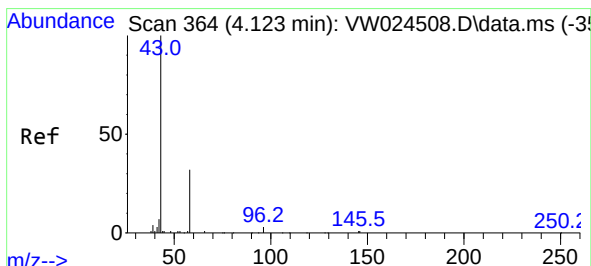
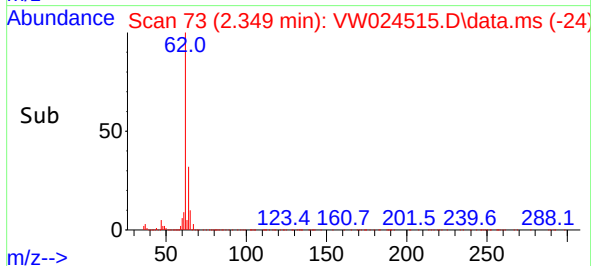
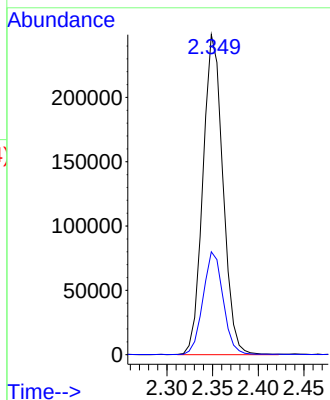
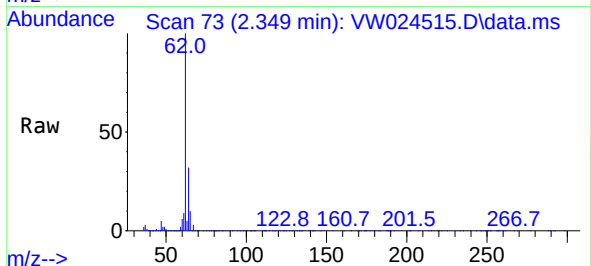




#5
 Vinyl chloride
 Concen: 184.778 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024515.D
 Acq: 31 Aug 2022 15:40

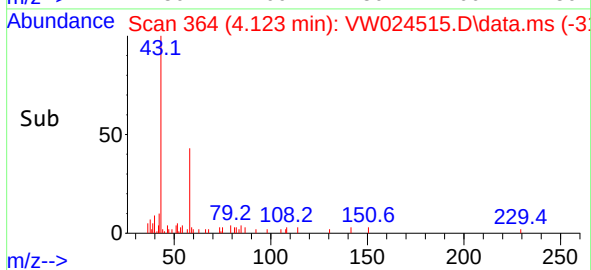
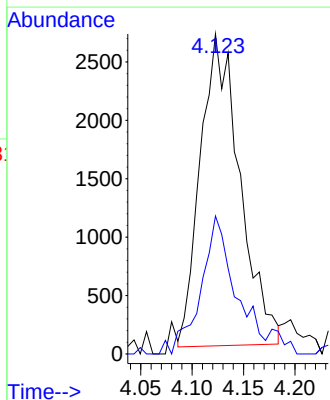
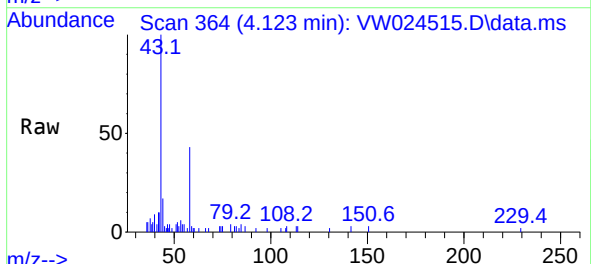
Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZK3

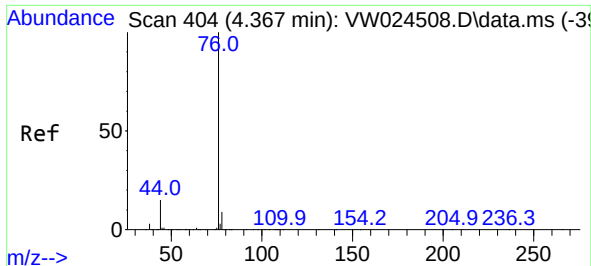
Tgt Ion: 62 Resp: 378523
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.6 43.8



#13
 Acetone
 Concen: 37.581 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.000 min
 Lab File: VW024515.D
 Acq: 31 Aug 2022 15:40

Tgt Ion: 43 Resp: 7131
 Ion Ratio Lower Upper
 43 100
 58 38.1 0.0 58.4

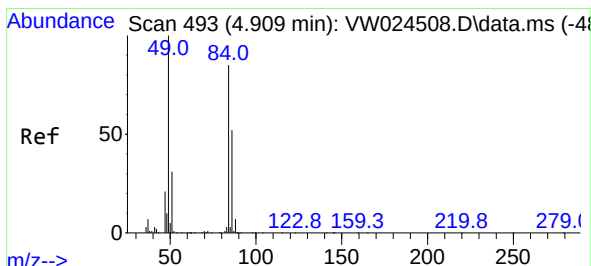
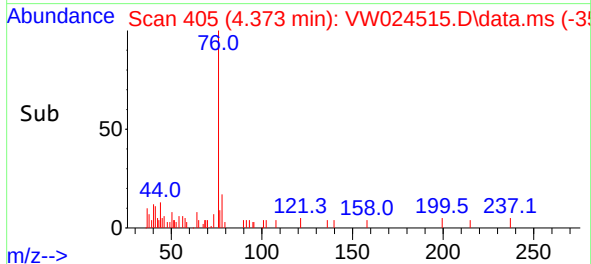
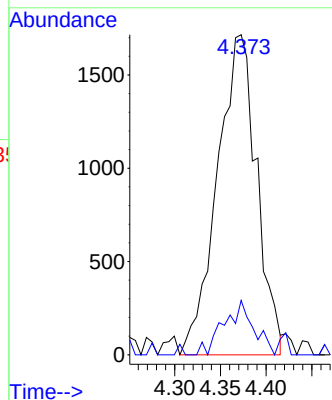
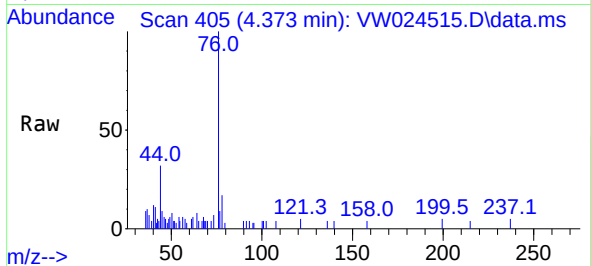




#14
Carbon disulfide
Concen: 2.066 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.006 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

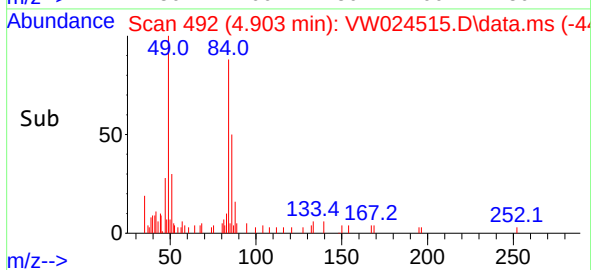
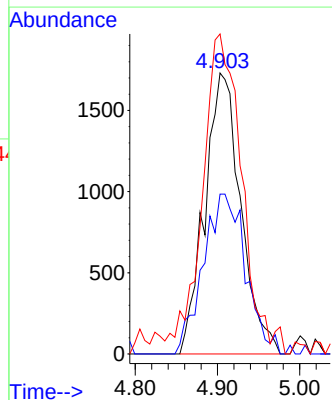
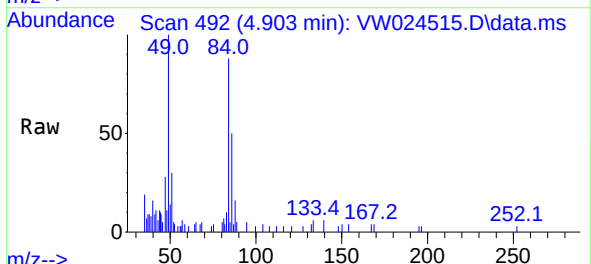
Instrument :
MSVOA_W
ClientSampleId :
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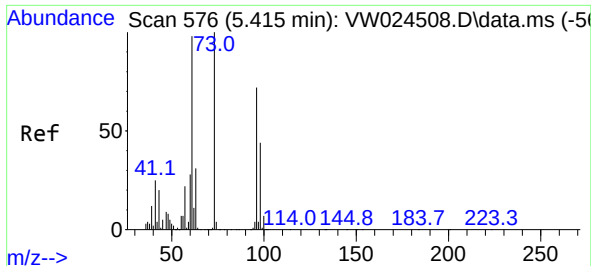
Tgt Ion: 76 Resp: 5137
Ion Ratio Lower Upper
76 100
78 15.6 7.4 11.2#



#16
Methylene chloride
Concen: 5.011 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

Tgt Ion: 84 Resp: 5263
Ion Ratio Lower Upper
84 100
86 56.9 47.7 88.7
49 113.9 96.6 179.4

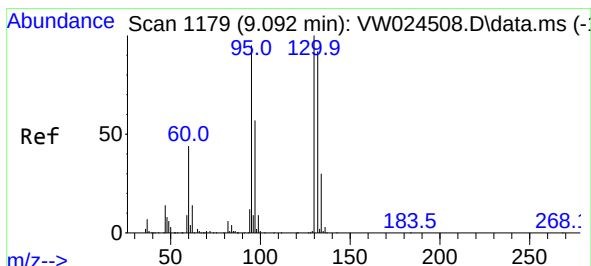
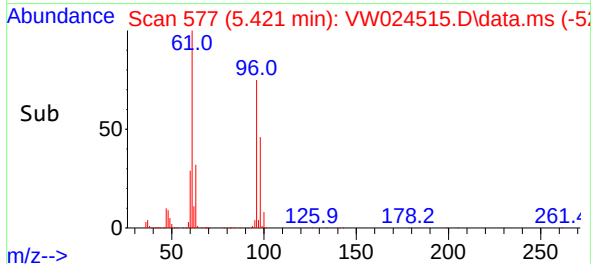
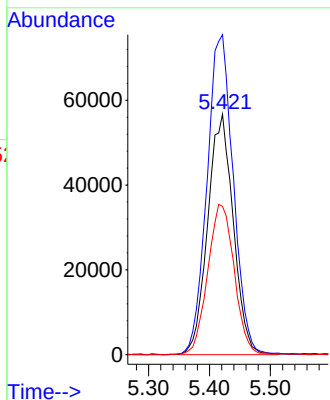
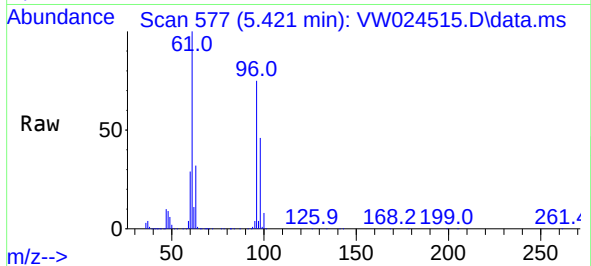




#17
trans-1,2-Dichloroethene
Concen: 186.808 ug/L
RT: 5.421 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

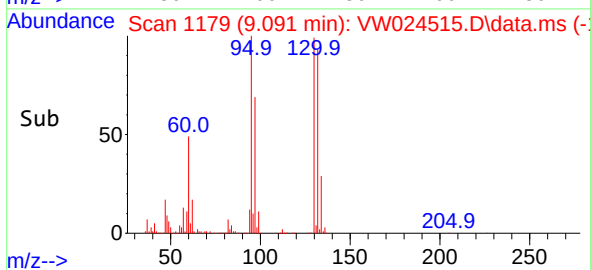
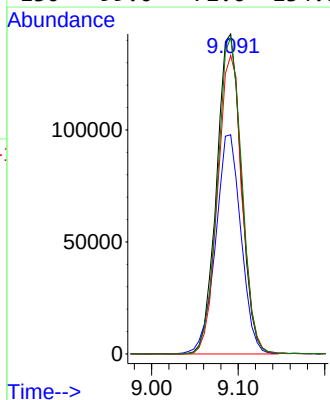
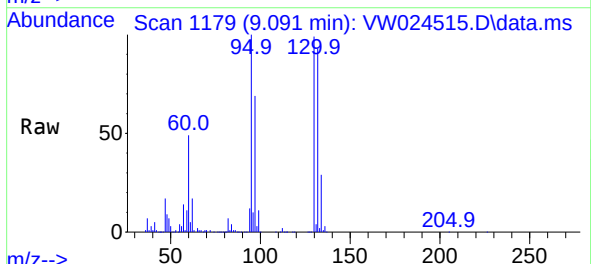
Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

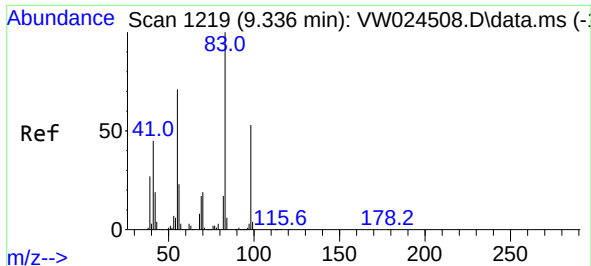
Tgt Ion: 96 Resp: 165398
Ion Ratio Lower Upper
96 100
61 133.1 92.1 171.1
98 61.7 44.7 83.1



#34
Trichloroethene
Concen: 429.494 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

Tgt Ion: 95 Resp: 281953
Ion Ratio Lower Upper
95 100
97 68.5 48.4 89.8
132 93.2 68.6 127.4
130 99.0 72.6 134.8





#35

Methylcyclohexane

Concen: 4.946 ug/L

RT: 9.341 min Scan# 11

Delta R.T. 0.012 min

Lab File: VW024515.D

Acq: 31 Aug 2022 15:40

Instrument :

MSVOA_W

ClientSampleId :

C0ZK3

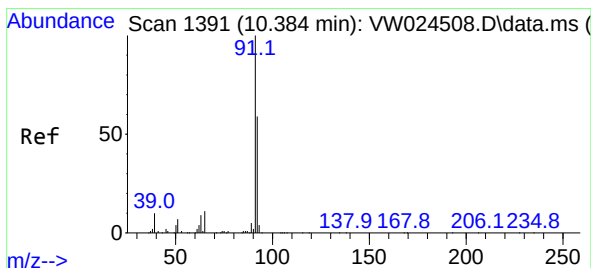
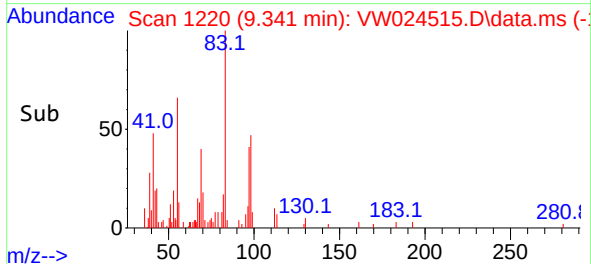
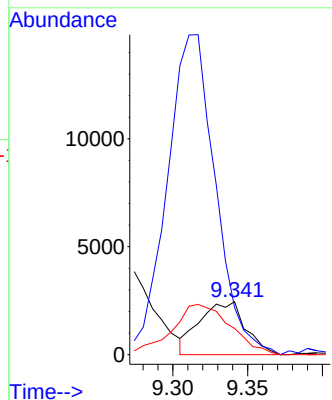
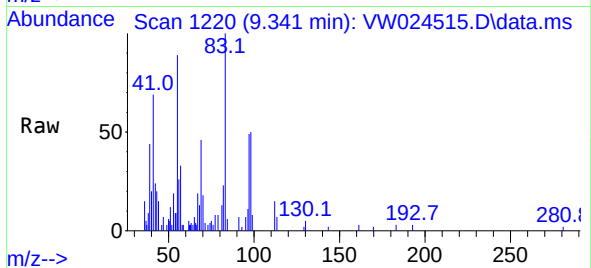
Tgt Ion: 83 Resp: 5209

Ion Ratio Lower Upper

83 100

55 643.5 60.1 90.1#

98 122.1 40.5 60.7#



#42

Toluene

Concen: 4.290 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW024515.D

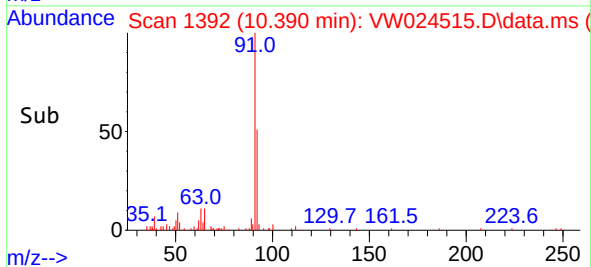
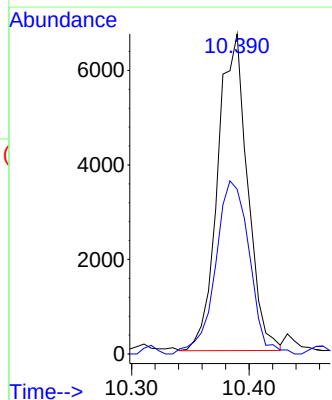
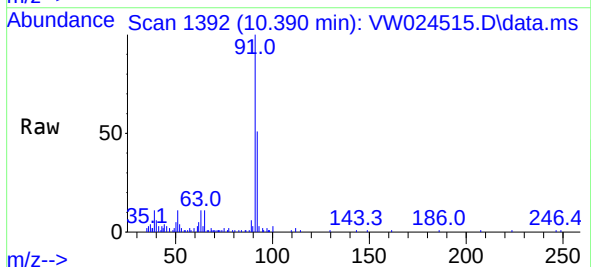
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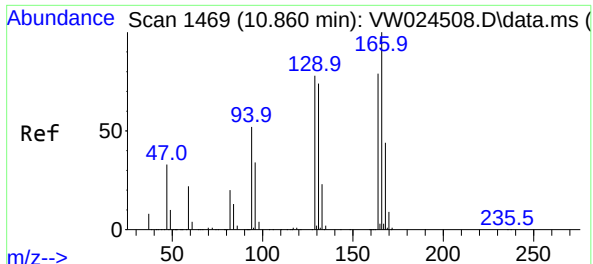
Tgt Ion: 91 Resp: 11793

Ion Ratio Lower Upper

91 100

92 51.5 40.0 74.4





#46

Tetrachloroethene

Concen: 0.967 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024515.D

Acq: 31 Aug 2022 15:40

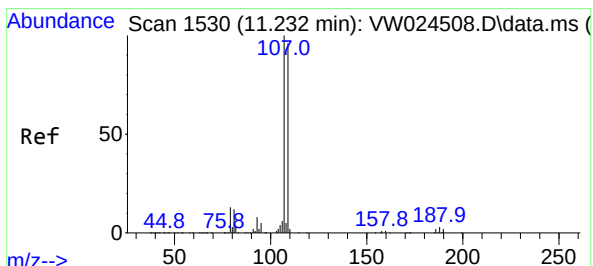
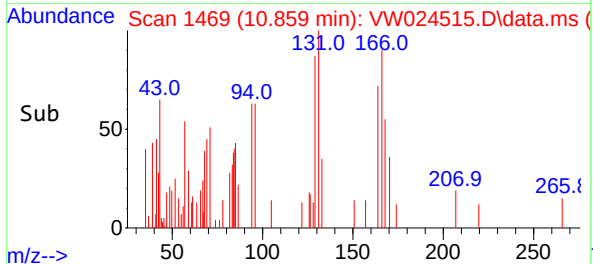
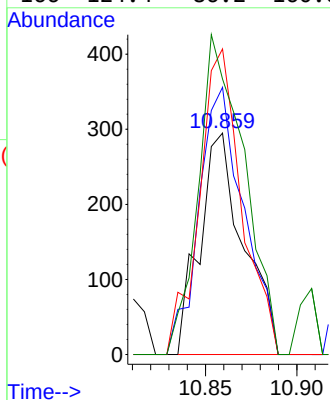
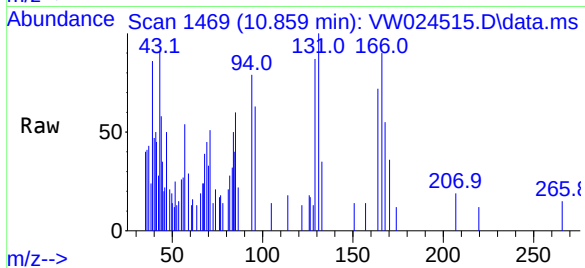
Instrument :

MSVOA_W

ClientSampleId :

COZK3

Tgt	Ion:164	Resp:	493
Ion	Ratio	Lower	Upper
164	100		
129	120.7	72.9	135.3
131	138.0	63.7	118.3#
166	124.4	86.2	160.0



#50

1,2-Dibromoethane

Concen: 0.782 ug/L

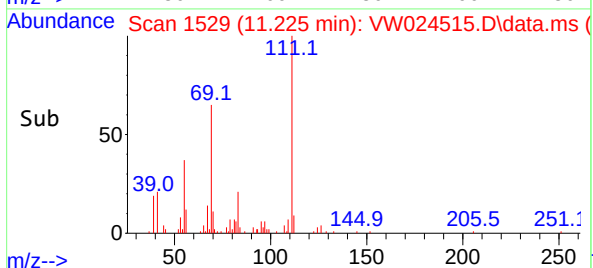
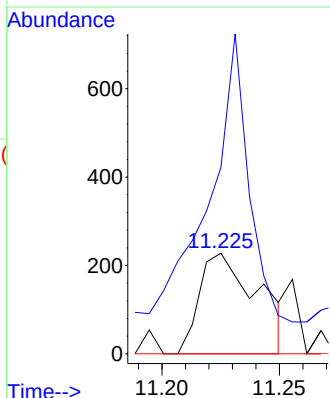
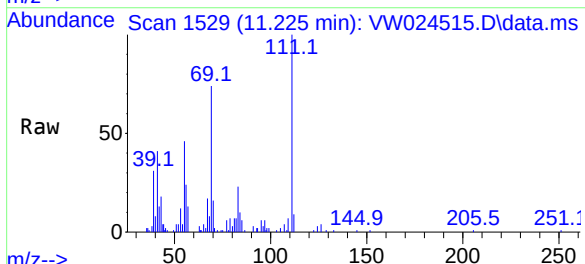
RT: 11.225 min Scan# 1529

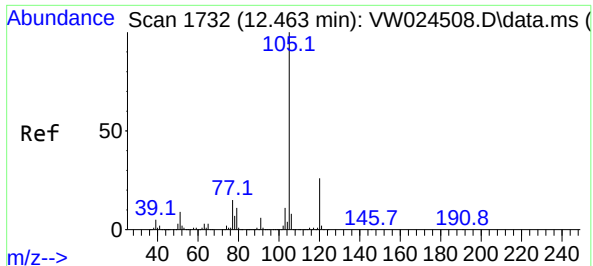
Delta R.T. -0.006 min

Lab File: VW024515.D

Acq: 31 Aug 2022 15:40

Tgt Ion:107	Resp:	394	
Ion	Ratio	Lower	Upper
107	100		
109	185.1	70.1	130.1#
188	0.0	2.6	3.8#

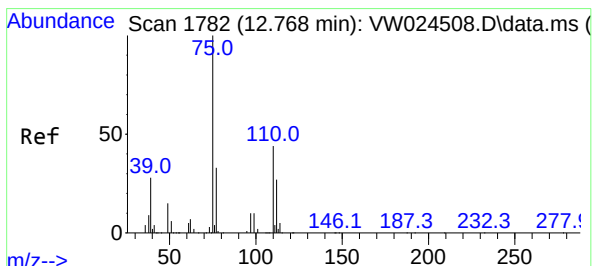
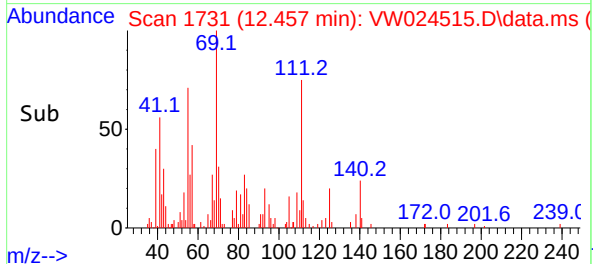
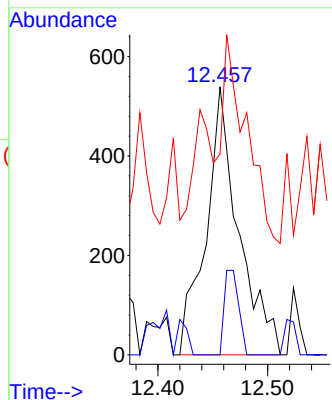
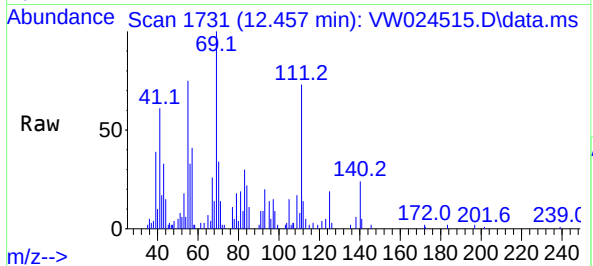




#60
Isopropylbenzene
Concen: 0.652 ug/L
RT: 12.457 min Scan# 1115
Delta R.T. -0.006 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

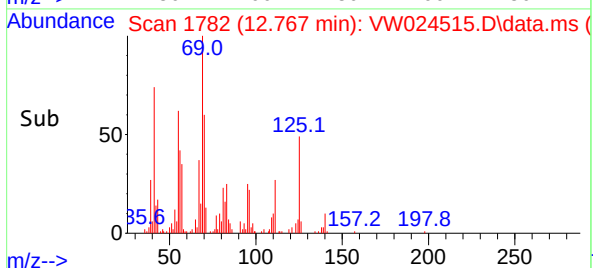
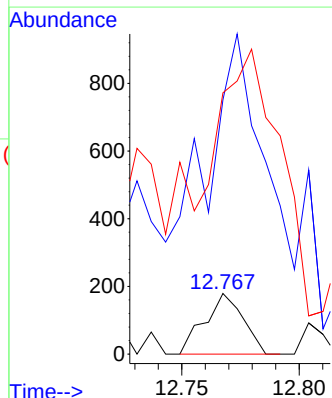
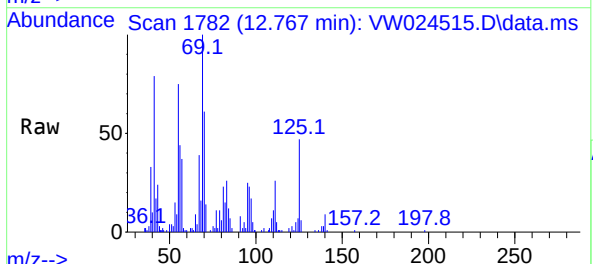
Instrument :
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ClientSampleId :
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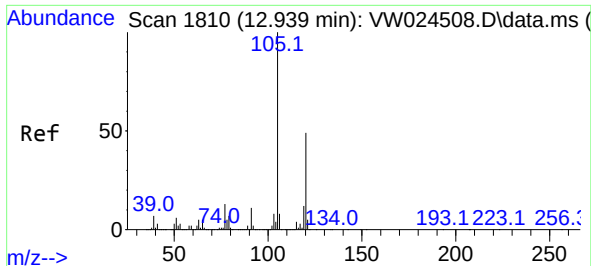
Tgt Ion:105 Resp: 1115
Ion Ratio Lower Upper
105 100
120 13.9 21.4 32.0#
77 59.0 13.0 19.6#



#61
1,2,3-Trichloropropane
Concen: 0.701 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

Tgt Ion: 75 Resp: 204
Ion Ratio Lower Upper
75 100
77 381.4 26.5 39.7#
110 716.7 33.8 50.8#

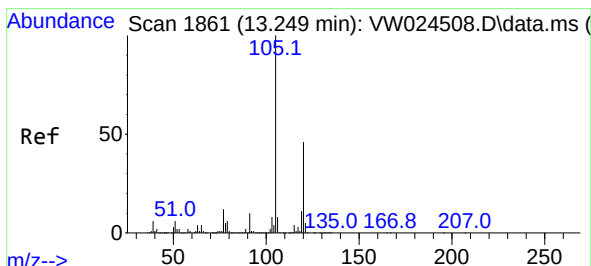
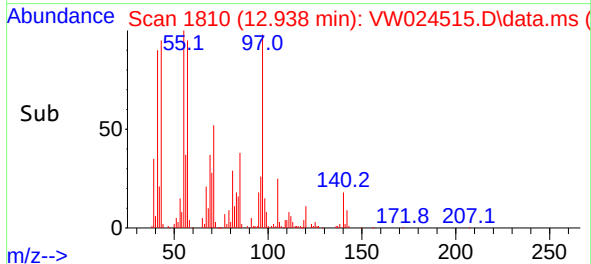
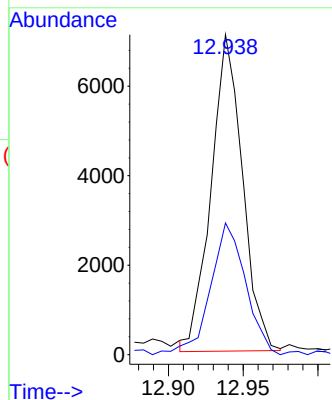
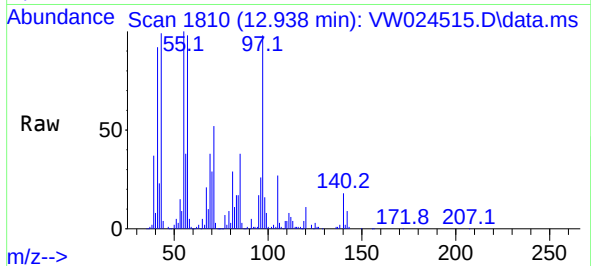




#62
1,3,5-Trimethylbenzene
Concen: 7.495 ug/L
RT: 12.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

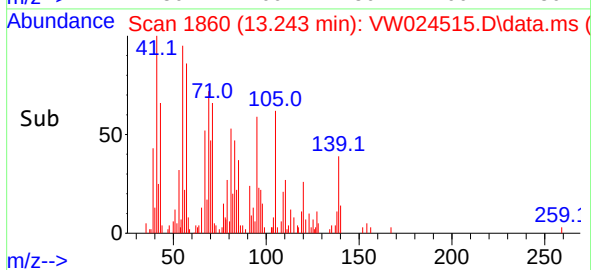
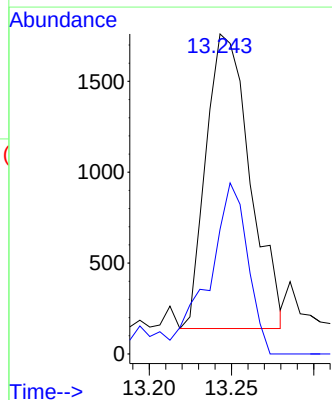
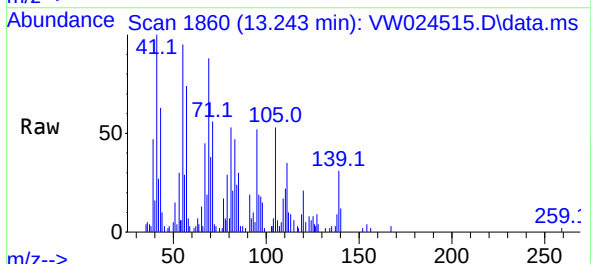
Instrument :
MSVOA_W
ClientSampleId :
C0ZK3

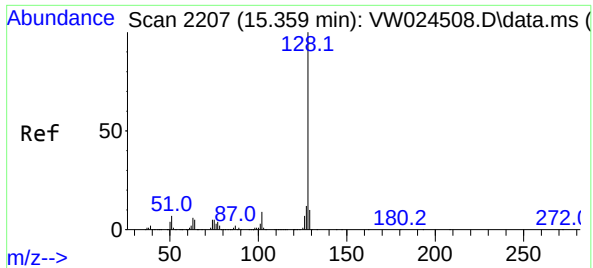
Tgt Ion:105 Resp: 10332
Ion Ratio Lower Upper
105 100
120 46.6 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 2.250 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

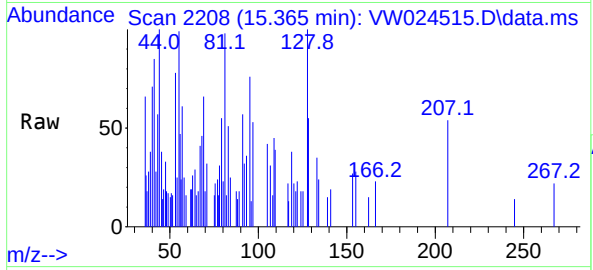
Tgt Ion:105 Resp: 3012
Ion Ratio Lower Upper
105 100
120 50.8 36.2 54.2





#71
Naphthalene
Concen: 0.719 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

Instrument :
MSVOA_W
ClientSampleId :
C0ZK3



Tgt Ion:	128	Resp:	648
Ion	Ratio	Lower	Upper
128	100		
127	3.9	10.5	15.7#
129	0.0	8.3	12.5#

