

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112921\
 Data File : VW020983.D
 Acq On : 29 Nov 2021 15:10
 Operator : SY/VA
 Sample : M4833-19RE
 Misc : 4.42g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 30 00:57:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 30 00:55:38 2021
 Response via : Initial Calibration

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

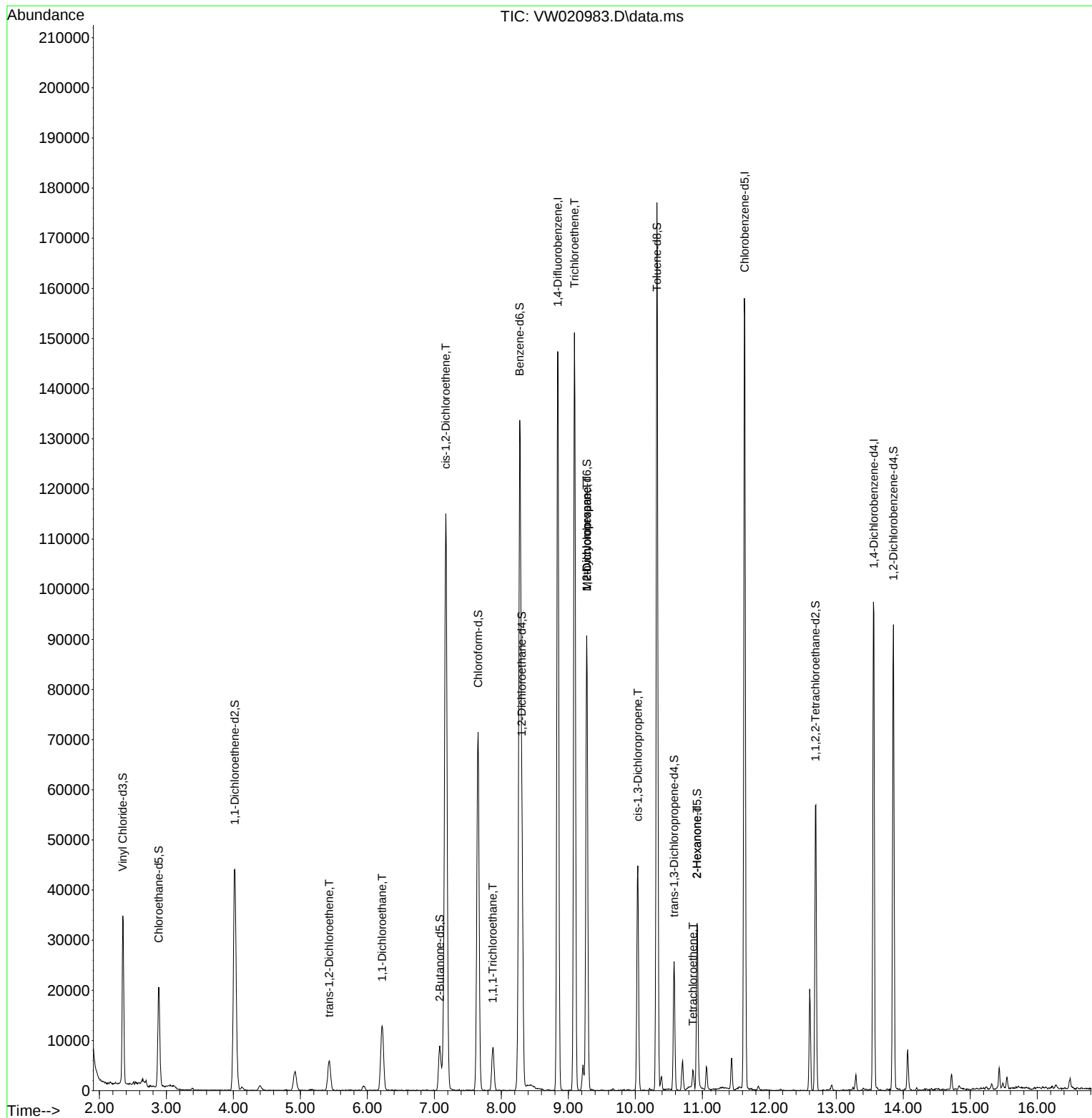
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	127575	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	90767	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	26573	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	29318	19.812	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.240%		
7) Chloroethane-d5	2.885	69	21913	22.960	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.840%		
11) 1,1-Dichloroethene-d2	4.019	63	41820	14.606	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.440%		
21) 2-Butanone-d5	7.080	46	14830	40.151	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.300%		
24) Chloroform-d	7.653	84	71132	22.129	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.520%		
26) 1,2-Dichloroethane-d4	8.305	65	34914	21.398	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.600%		
32) Benzene-d6	8.275	84	130061	27.187	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	108.760%		
36) 1,2-Dichloropropane-d6	9.274	67	38728	28.429	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	113.720%		
41) Toluene-d8	10.323	98	112145	23.619	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.480%		
43) trans-1,3-Dichloroprop...	10.579	79	13182	20.472	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.880%		
47) 2-Hexanone-d5	10.921	63	11491	50.860	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.720%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	27211	26.075	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.320%		
66) 1,2-Dichlorobenzene-d4	13.853	152	25001	26.397	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	105.600%		
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	5.428	96	3960	2.299	ug/L	82
19) 1,1-Dichloroethane	6.220	63	18709	6.554	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	68993	37.159	ug/L	73
30) 1,1,1-Trichloroethane	7.872	97	7012	3.212	ug/L	94
34) Trichloroethene	9.092	95	48773	33.930	ug/L	86
35) Methylcyclohexane	9.274	83	10275	4.335	ug/L	# 16
37) 1,2-Dichloropropane	9.274	63	4833	4.041	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1337	0.677	ug/L	88
46) Tetrachloroethene	10.860	164	759	0.575	ug/L	90
48) 2-Hexanone	10.921	43	1470	2.981	ug/L	# 64

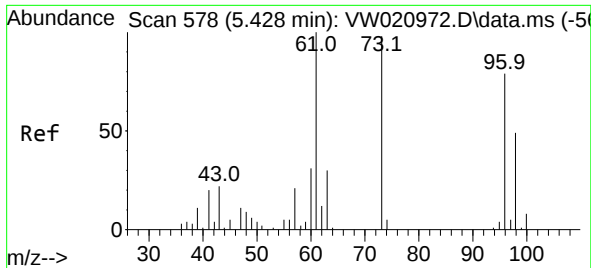
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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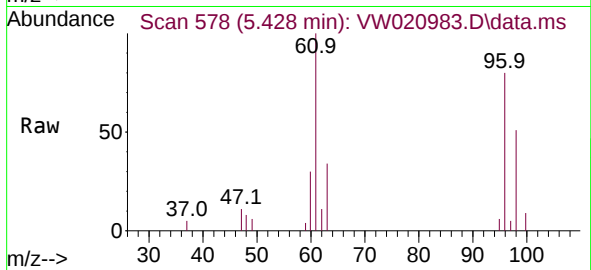
Quant Time: Nov 30 00:57:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Nov 30 00:55:38 2021
Response via : Initial Calibration





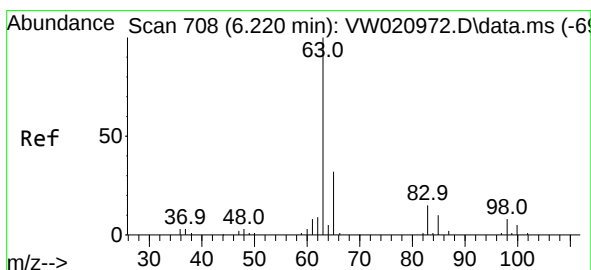
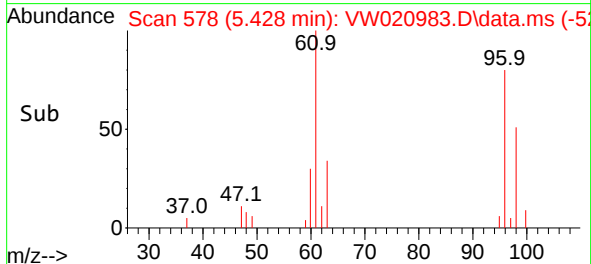
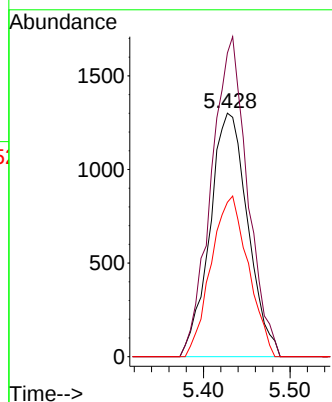
#17
trans-1,2-Dichloroethene
Concen: 2.299 ug/L
RT: 5.428 min Scan# 517
Delta R.T. 0.000 min
Lab File: VW020983.D
Acq: 29 Nov 2021 15:10

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 3960

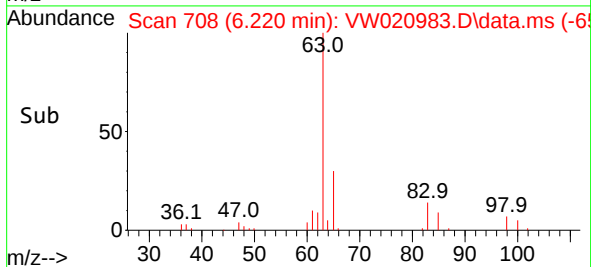
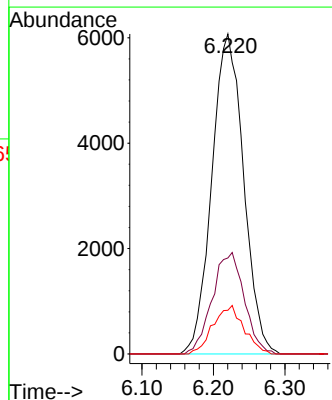
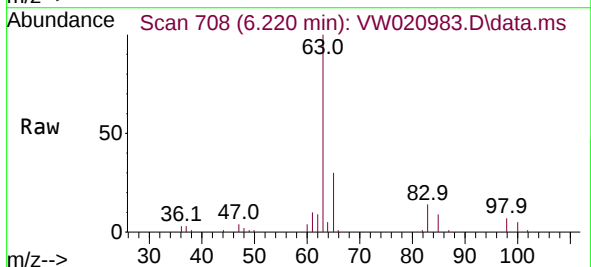
Ion	Ratio	Lower	Upper
96	100		
61	124.7	107.4	199.4
98	63.4	41.2	76.6

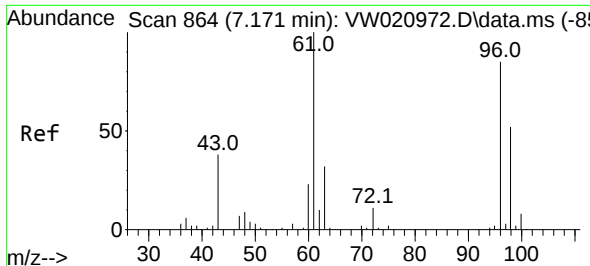


#19
1,1-Dichloroethane
Concen: 6.554 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW020983.D
Acq: 29 Nov 2021 15:10

Tgt Ion: 63 Resp: 18709

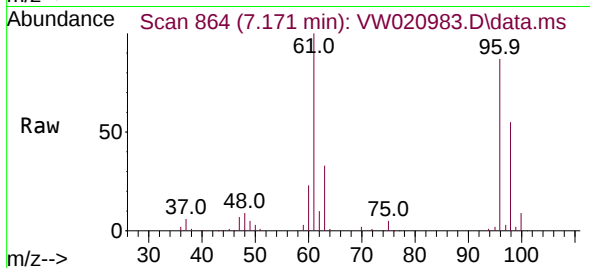
Ion	Ratio	Lower	Upper
63	100		
65	30.0	22.1	41.1
83	13.6	9.2	17.2





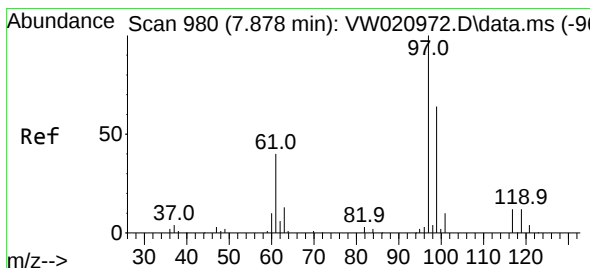
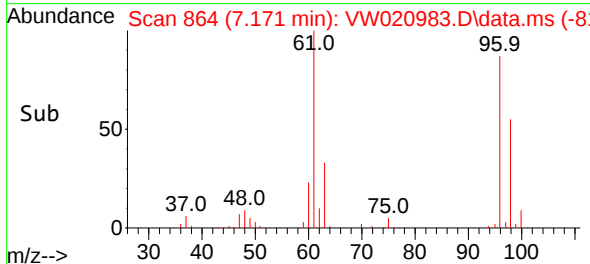
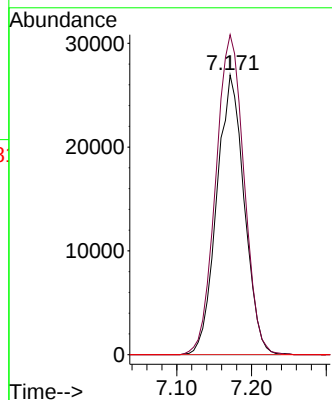
#20
 cis-1,2-Dichloroethene
 Concen: 37.159 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW020983.D
 Acq: 29 Nov 2021 15:10

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 68993

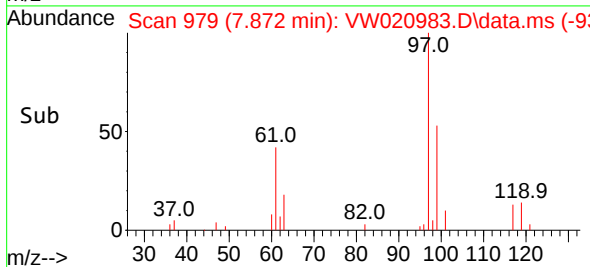
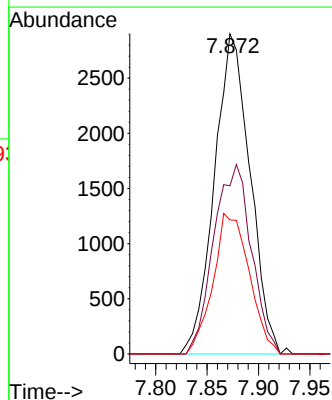
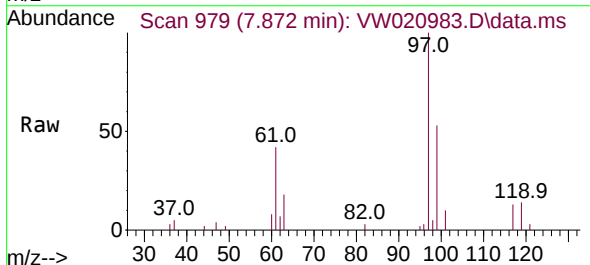
Ion	Ratio	Lower	Upper
96	100		
61	114.4	103.7	192.7
68	0.0	0.0	0.0

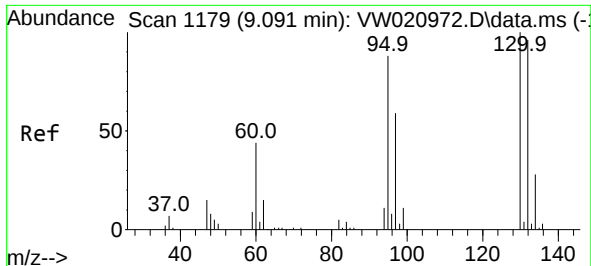


#30
 1,1,1-Trichloroethane
 Concen: 3.212 ug/L
 RT: 7.872 min Scan# 979
 Delta R.T. -0.006 min
 Lab File: VW020983.D
 Acq: 29 Nov 2021 15:10

Tgt Ion: 97 Resp: 7012

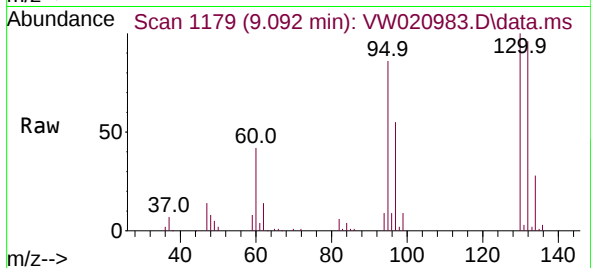
Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.6	77.4
61	44.5	40.9	61.3



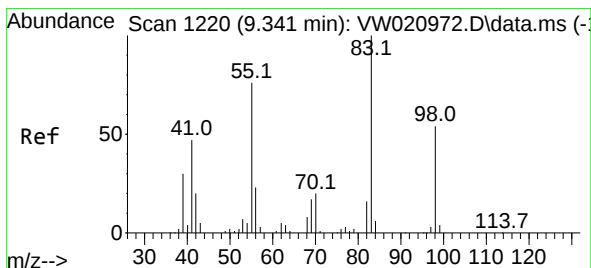
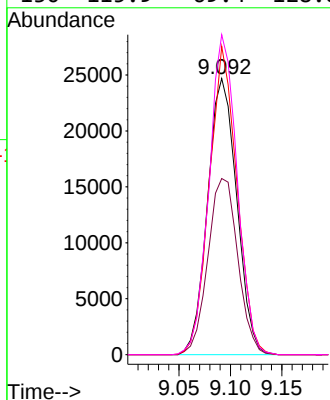
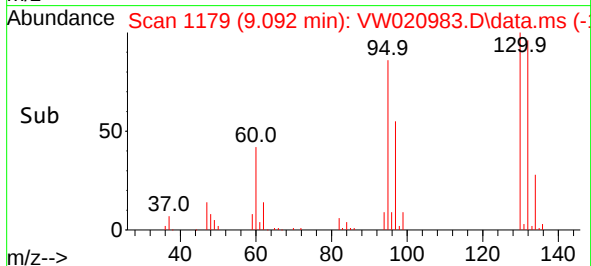


#34
Trichloroethene
Concen: 33.930 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020983.D
Acq: 29 Nov 2021 15:10

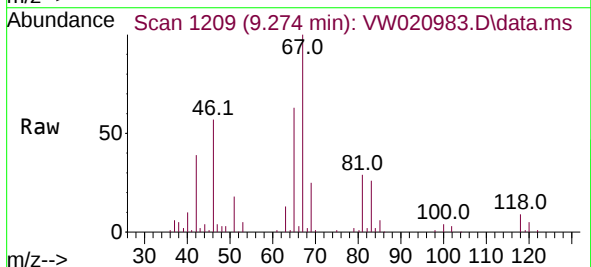
Instrument :
MSVOA_W
ClientSampleId :



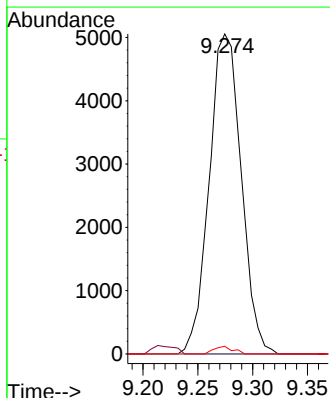
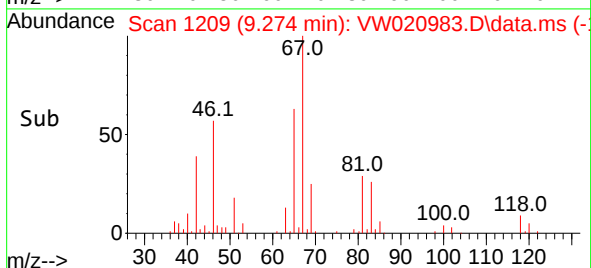
Tgt Ion: 95 Resp: 48773
Ion Ratio Lower Upper
95 100
97 63.8 47.0 87.2
132 111.7 65.5 121.6
130 115.9 69.4 128.8

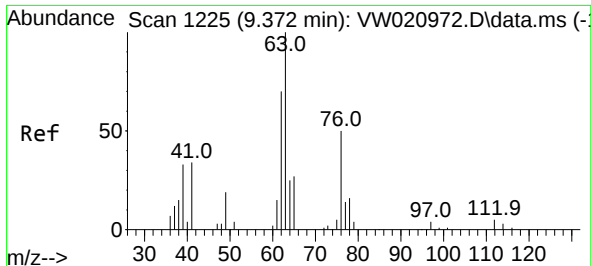


#35
Methylcyclohexane
Concen: 4.335 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.067 min
Lab File: VW020983.D
Acq: 29 Nov 2021 15:10



Tgt Ion: 83 Resp: 10275
Ion Ratio Lower Upper
83 100
55 1.9 70.8 106.2#
98 1.4 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 4.041 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW020983.D

Acq: 29 Nov 2021 15:10

Instrument :

MSVOA_W

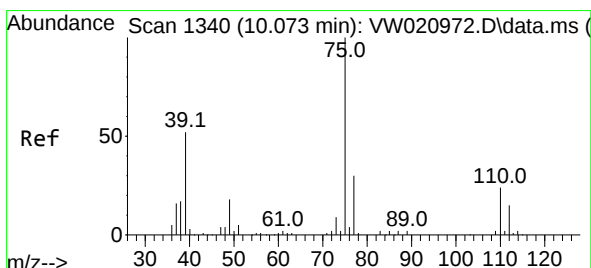
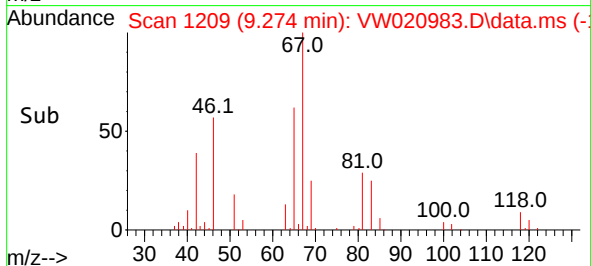
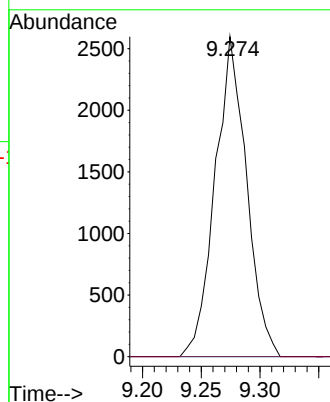
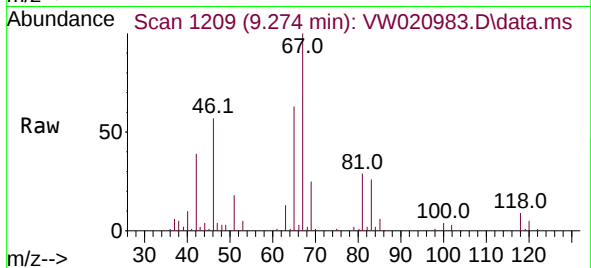
ClientSampleId :

Tgt Ion: 63 Resp: 4833

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.677 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW020983.D

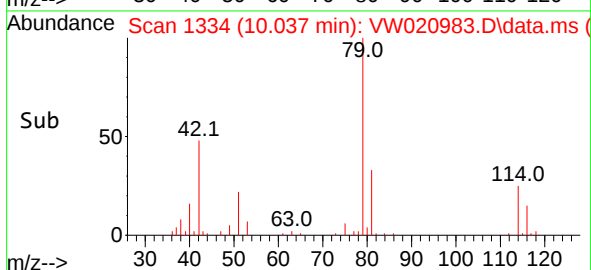
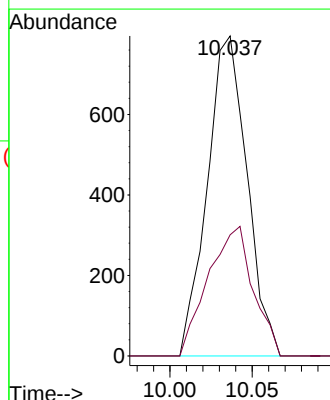
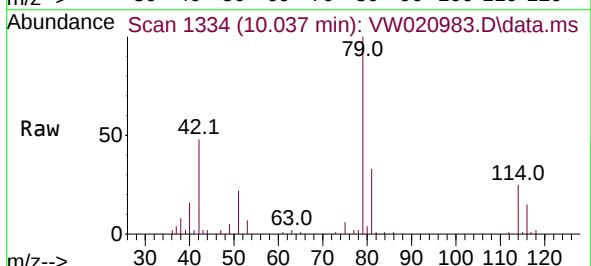
Acq: 29 Nov 2021 15:10

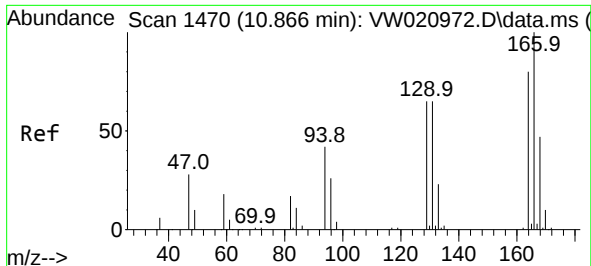
Tgt Ion: 75 Resp: 1337

Ion Ratio Lower Upper

75 100

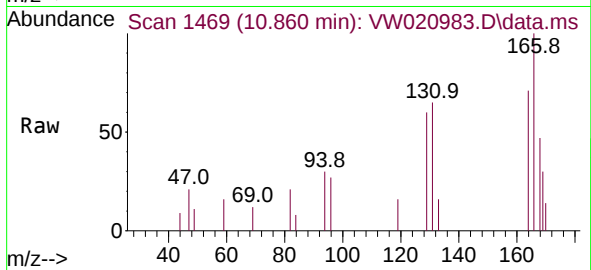
77 37.9 21.8 40.6





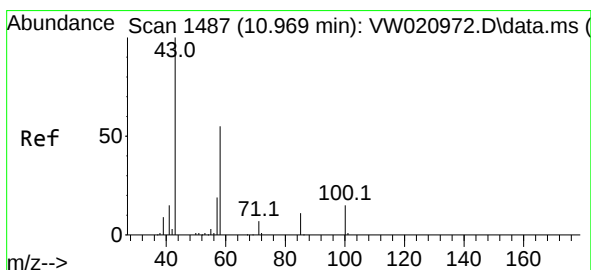
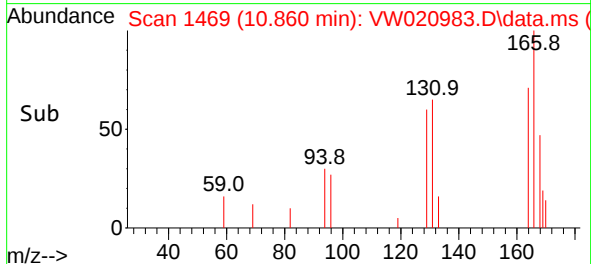
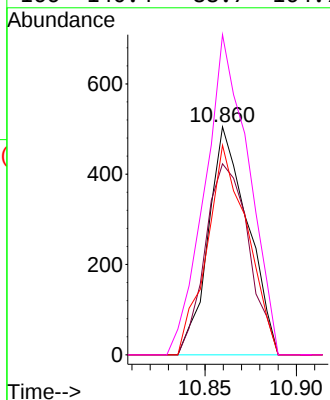
#46
Tetrachloroethene
Concen: 0.575 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW020983.D
Acq: 29 Nov 2021 15:10

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 759

Ion	Ratio	Lower	Upper
164	100		
129	83.8	65.5	121.7
131	91.9	59.7	110.9
166	140.4	88.7	164.7



#48
2-Hexanone
Concen: 2.981 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW020983.D
Acq: 29 Nov 2021 15:10

Tgt Ion: 43 Resp: 1470

Ion	Ratio	Lower	Upper
43	100		
58	17.8	40.2	60.2#
57	22.2	14.3	21.5#
100	0.0	8.0	12.0#

