

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052329.D
 Acq On : 10 Dec 2022 02:26
 Operator : JC/MD
 Sample : N5979-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ER9

Quant Time: Dec 10 03:24:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

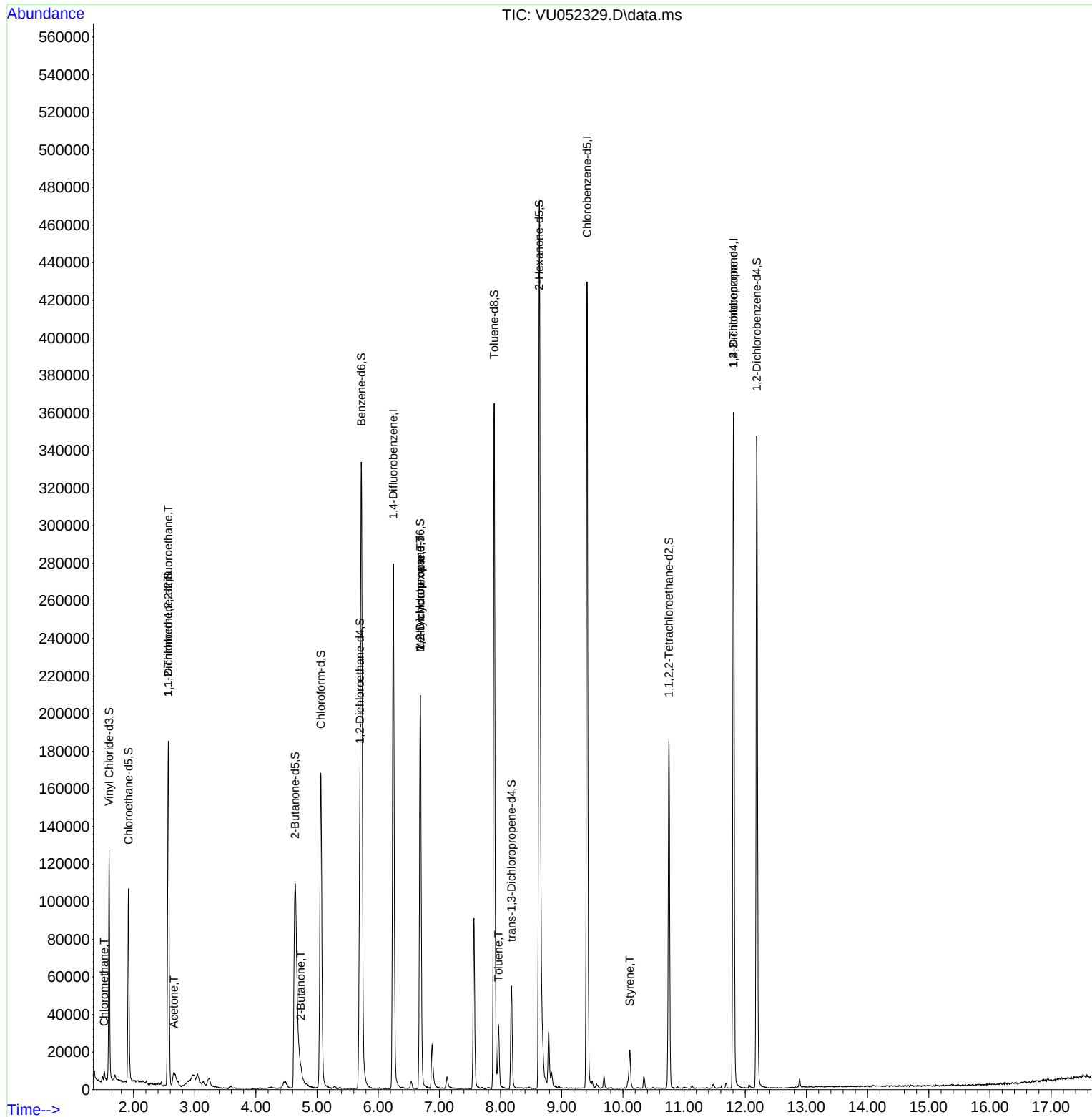
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	233232	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	244412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	100098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	88835	3.916	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.916	69	79474	4.510	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.568	65	34247	4.211	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.642	46	237615	57.783	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.560%
24) Chloroform-d	5.060	84	162749	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.700	65	85973	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.726	84	328122	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.687	67	110068	4.902	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.896	98	257144	3.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.179	79	33070	4.041	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.632	63	161187	46.479	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.960%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	96369	4.950	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	94749	4.944	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3199	0.121	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	977	0.057	ug/L #	20
13) Acetone	2.661	43	17236	6.172	ug/L	62
21) 2-Butanone	4.732	43	6330	1.414	ug/L	75
35) Methylcyclohexane	6.690	83	24668	0.864	ug/L #	27
37) 1,2-Dichloropropane	6.687	63	10762	0.523	ug/L #	88
42) Toluene	7.967	91	23431	0.286	ug/L	96
55) Styrene	10.111	104	9957	0.200	ug/L	100
61) 1,2,3-Trichloropropane	11.809	75	11959	1.044	ug/L #	66

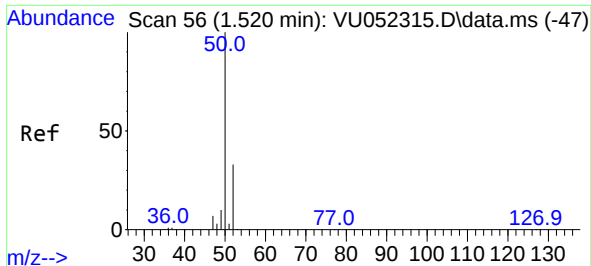
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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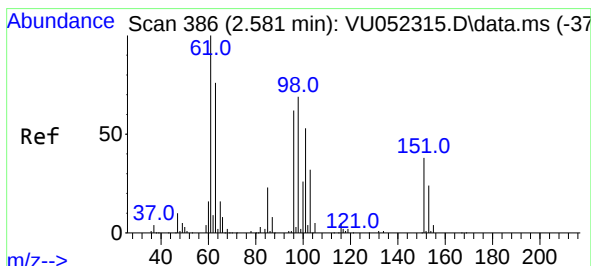
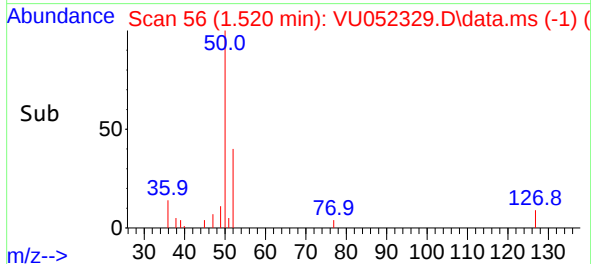
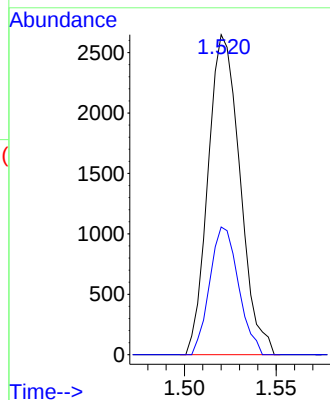
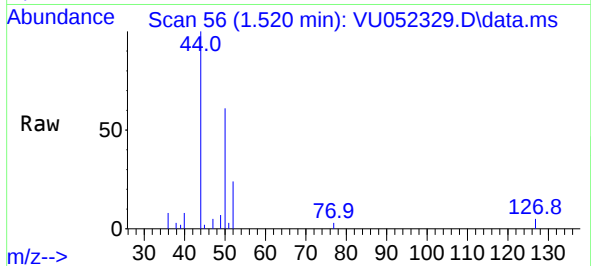




#3
Chloromethane
Concen: 0.121 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052329.D
Acq: 10 Dec 2022 02:26

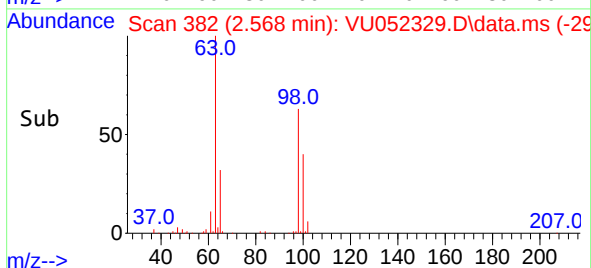
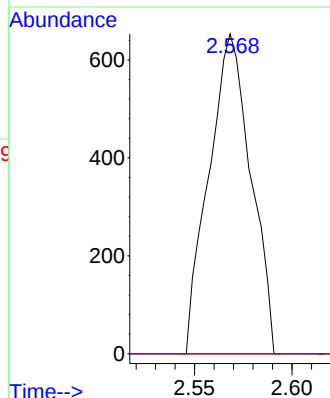
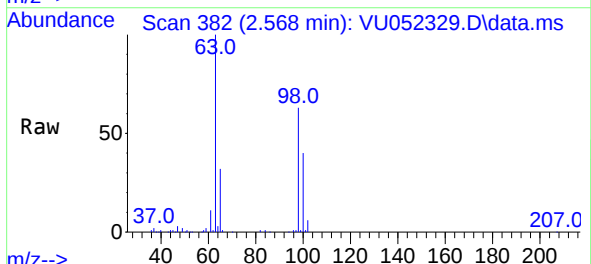
Instrument :
MSVOA_U
ClientSampleId :
C0ER9

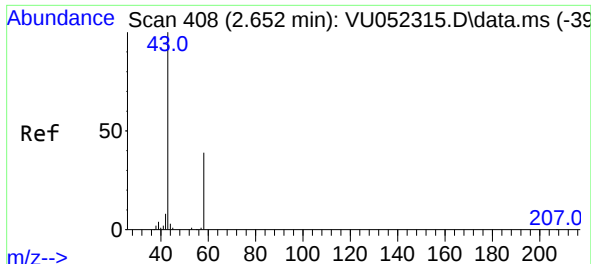
Tgt Ion: 50 Resp: 3199
Ion Ratio Lower Upper
50 100
52 39.9 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU052329.D
Acq: 10 Dec 2022 02:26

Tgt Ion: 101 Resp: 977
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#

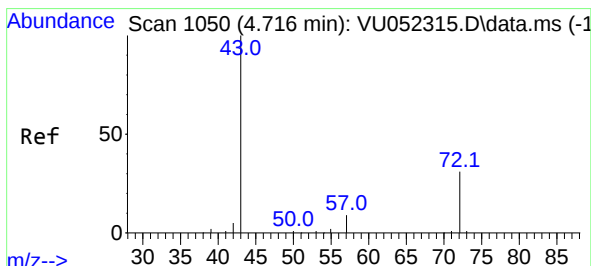
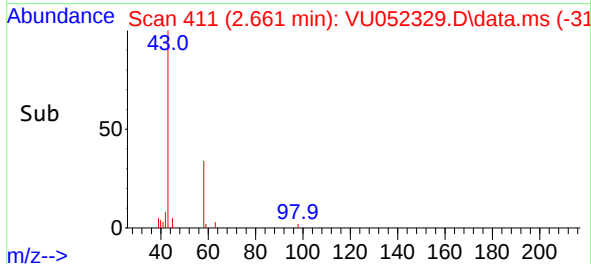
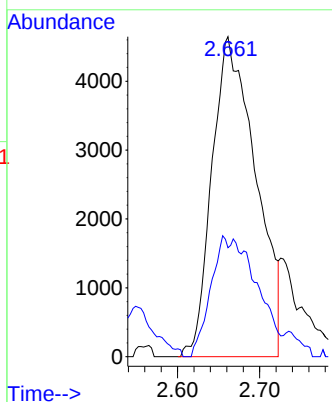
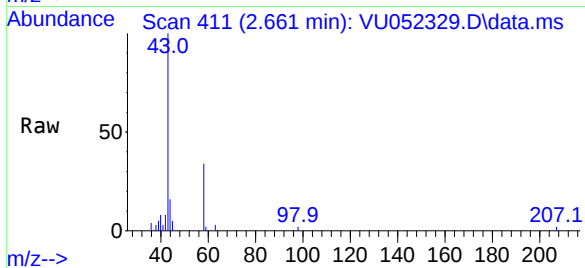




#13
Acetone
Concen: 6.172 ug/L
RT: 2.661 min Scan# 411
Delta R.T. 0.016 min
Lab File: VU052329.D
Acq: 10 Dec 2022 02:26

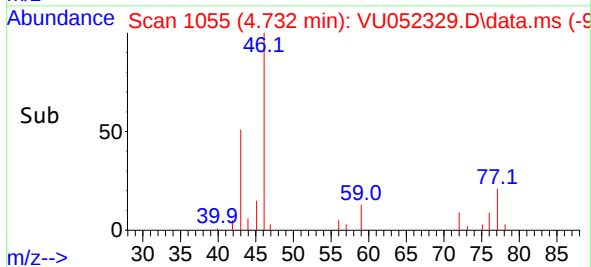
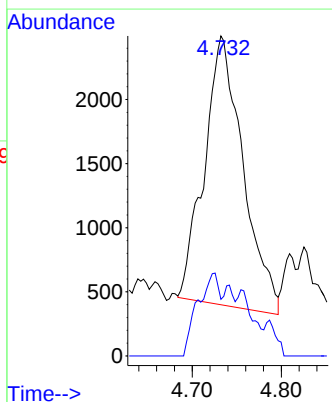
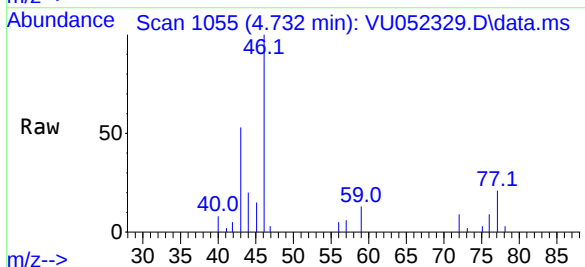
Instrument :
MSVOA_U
ClientSampleId :
C0ER9

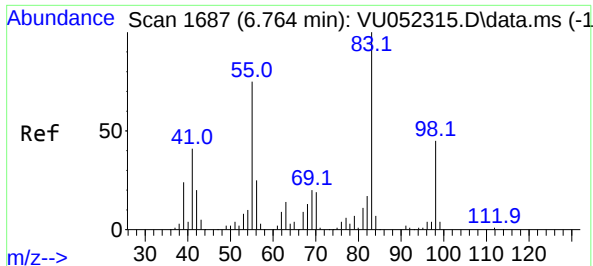
Tgt Ion: 43 Resp: 17236
Ion Ratio Lower Upper
43 100
58 15.3 0.0 76.0



#21
2-Butanone
Concen: 1.414 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.019 min
Lab File: VU052329.D
Acq: 10 Dec 2022 02:26

Tgt Ion: 43 Resp: 6330
Ion Ratio Lower Upper
43 100
72 17.5 15.6 46.8





#35

Methylcyclohexane

Concen: 0.864 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052329.D

Acq: 10 Dec 2022 02:26

Instrument :

MSVOA_U

ClientSampleId :

C0ER9

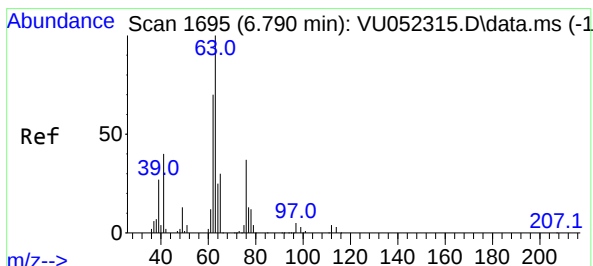
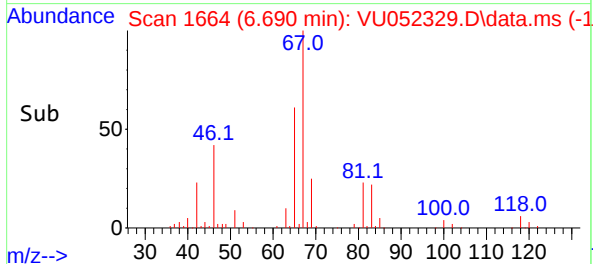
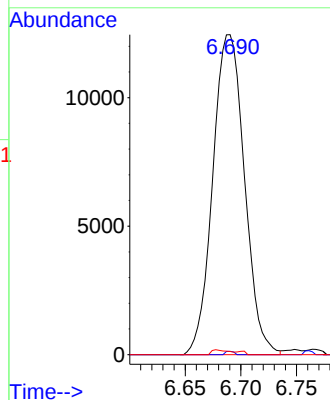
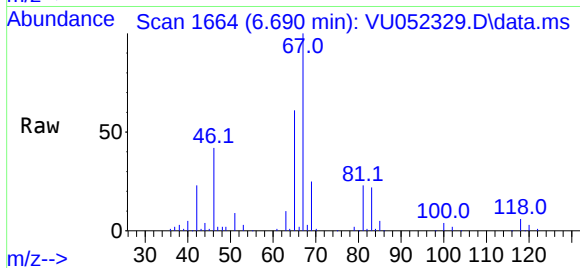
Tgt Ion: 83 Resp: 24668

Ion Ratio Lower Upper

83 100

55 10.6 60.8 91.2#

98 0.8 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052329.D

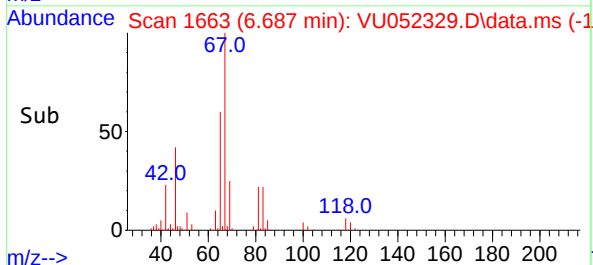
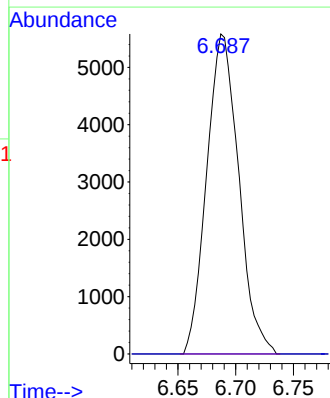
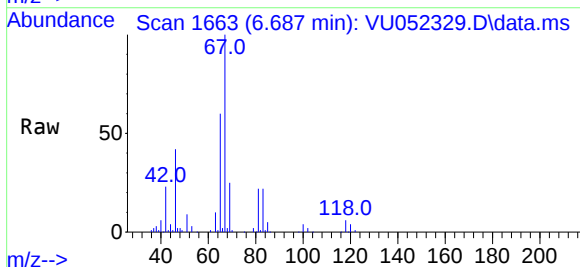
Acq: 10 Dec 2022 02:26

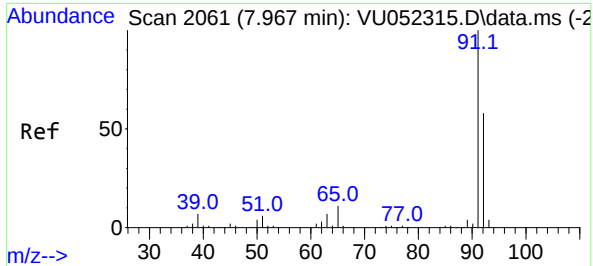
Tgt Ion: 63 Resp: 10762

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

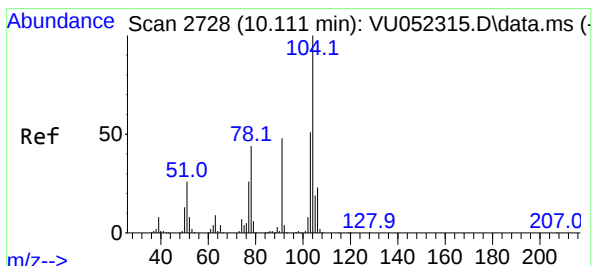
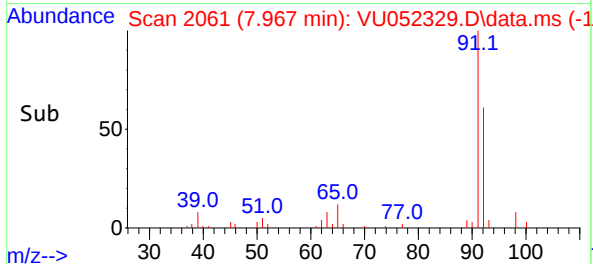
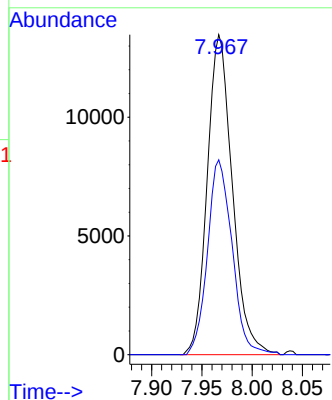
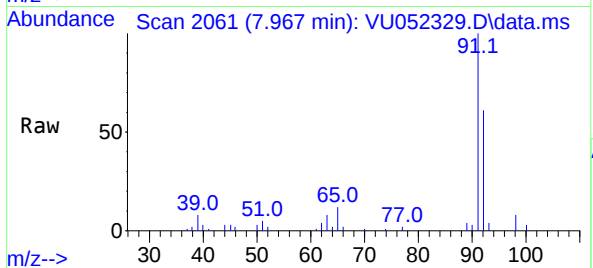




#42
Toluene
Concen: 0.286 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052329.D
Acq: 10 Dec 2022 02:26

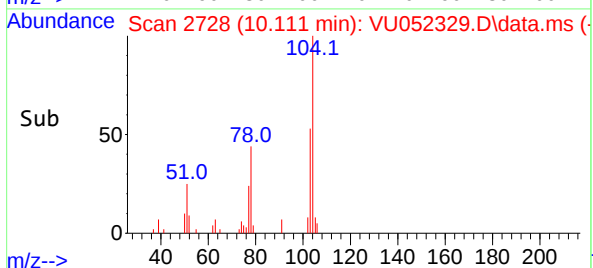
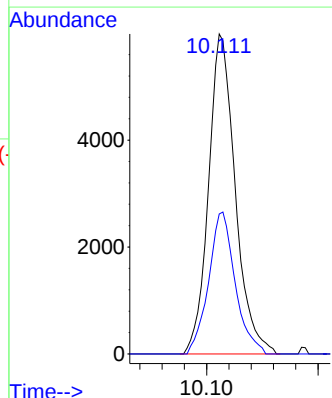
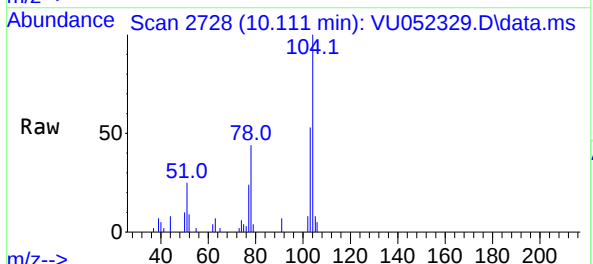
Instrument :
MSVOA_U
ClientSampleId :
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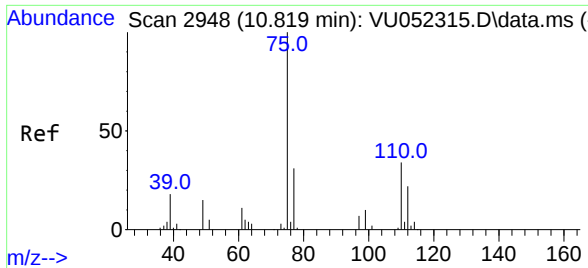
Tgt Ion: 91 Resp: 23431
Ion Ratio Lower Upper
91 100
92 60.9 40.7 75.5



#55
Styrene
Concen: 0.200 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052329.D
Acq: 10 Dec 2022 02:26

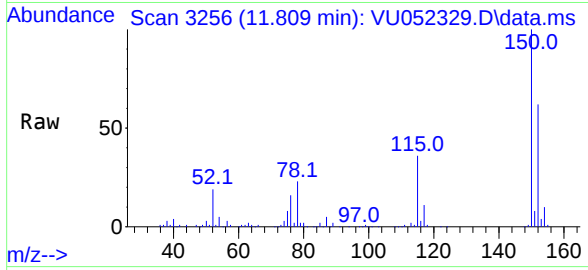
Tgt Ion: 104 Resp: 9957
Ion Ratio Lower Upper
104 100
78 43.8 30.6 56.8





#61
 1,2,3-Trichloropropane
 Concen: 1.044 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052329.D
 Acq: 10 Dec 2022 02:26

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 11959

Ion	Ratio	Lower	Upper
75	100		
110	0.9	28.3	42.5#
77	28.9	26.2	39.2

