

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052527.D
 Acq On : 23 Dec 2022 11:18
 Operator : JC/MD
 Sample : N6188-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL35

Quant Time: Dec 24 03:54:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

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

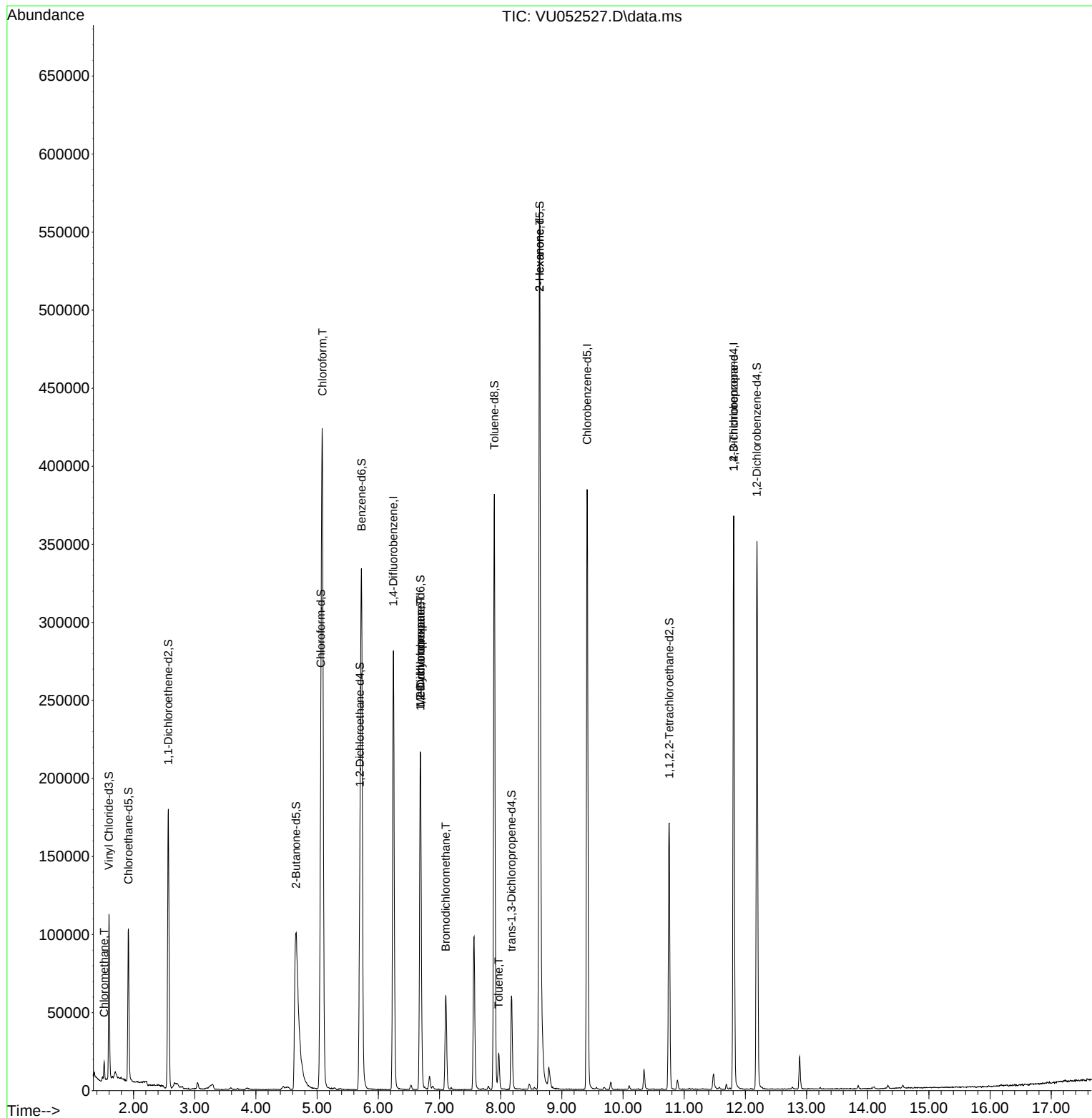
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	217894	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	208085	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	92971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77128	3.494	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.916	69	71928	3.778	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.568	65	35834	3.772	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.655	46	298891	43.662	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.320%
24) Chloroform-d	5.060	84	164600	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.700	65	87326	4.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
32) Benzene-d6	5.726	84	310565	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.687	67	107894	4.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.896	98	246950	4.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.179	79	35398	4.209	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.636	63	211400	45.948	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.900%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	88613	4.250	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	91254	4.821	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	8013	0.286	ug/L	99
25) Chloroform	5.086	83	342534	9.666	ug/L	98
35) Methylcyclohexane	6.687	83	23331	0.883	ug/L #	14
37) 1,2-Dichloropropane	6.690	63	10821	0.517	ug/L #	88
38) Bromodichloromethane	7.102	83	41026	1.612	ug/L	98
42) Toluene	7.967	91	16587	0.231	ug/L	99
48) 2-Hexanone	8.636	43	24773	2.150	ug/L #	75
61) 1,2,3-Trichloropropane	11.809	75	12705	0.953	ug/L #	71

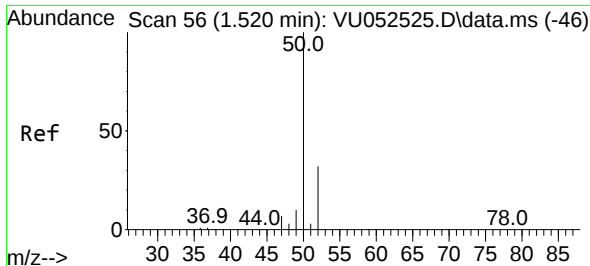
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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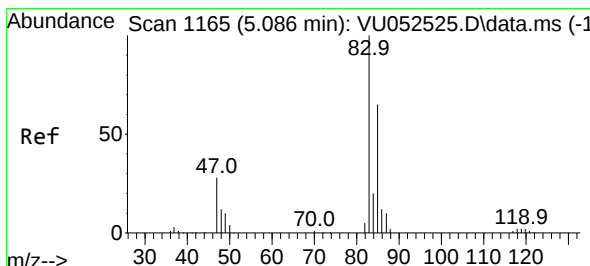
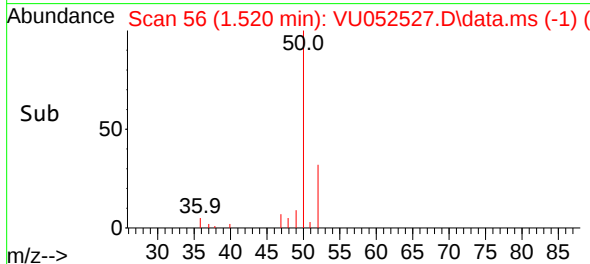
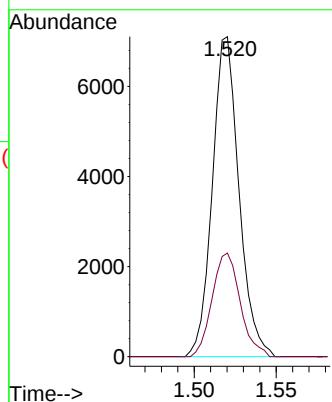
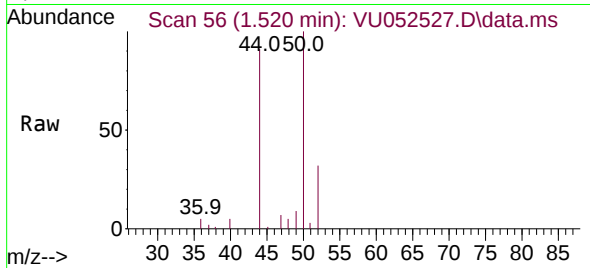




#3
Chloromethane
Concen: 0.286 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052527.D
Acq: 23 Dec 2022 11:18

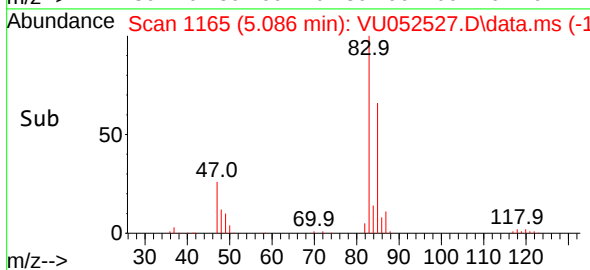
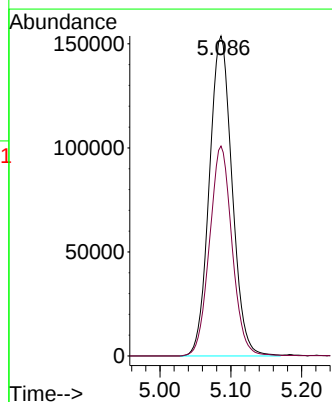
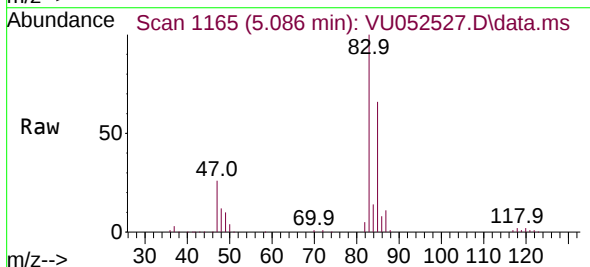
Instrument :
MSVOA_U
ClientSampleId :
COL35

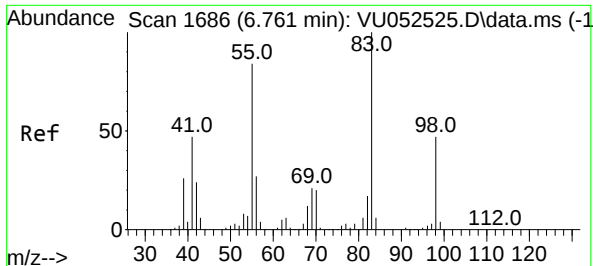
Tgt Ion: 50 Resp: 8013
Ion Ratio Lower Upper
50 100
52 32.4 23.0 42.6



#25
Chloroform
Concen: 9.666 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU052527.D
Acq: 23 Dec 2022 11:18

Tgt Ion: 83 Resp: 342534
Ion Ratio Lower Upper
83 100
85 65.6 44.7 83.1

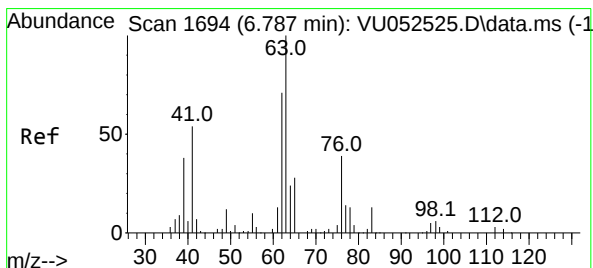
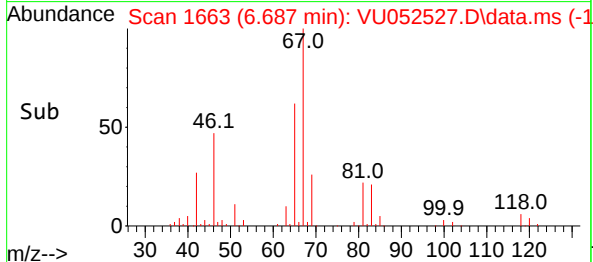
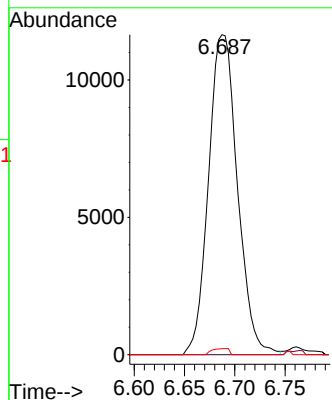
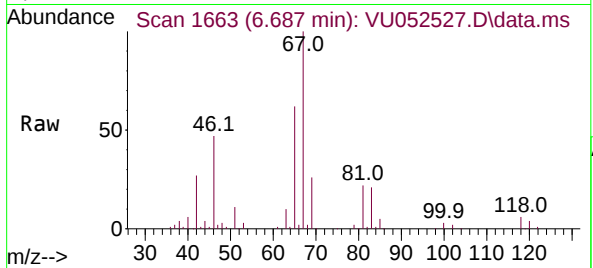




#35
Methylcyclohexane
Concen: 0.883 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052527.D
Acq: 23 Dec 2022 11:18

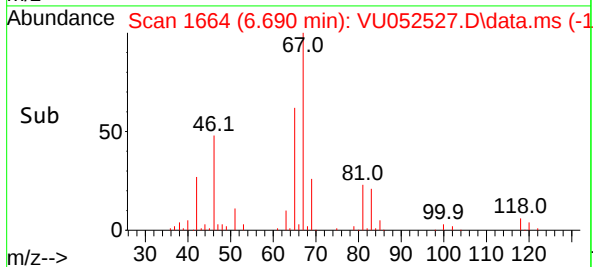
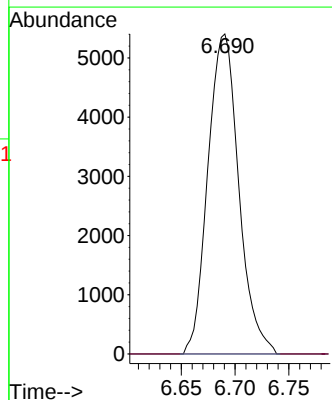
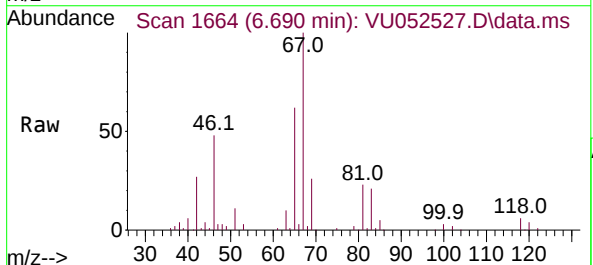
Instrument :
MSVOA_U
ClientSampleId :
COL35

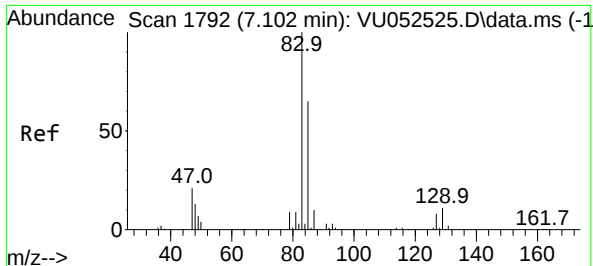
Tgt Ion: 83 Resp: 23331
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.0#
98 1.1 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.096 min
Lab File: VU052527.D
Acq: 23 Dec 2022 11:18

Tgt Ion: 63 Resp: 10821
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#38

Bromodichloromethane

Concen: 1.612 ug/L

RT: 7.102 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052527.D

Acq: 23 Dec 2022 11:18

Instrument :

MSVOA_U

ClientSampleId :

C0L35

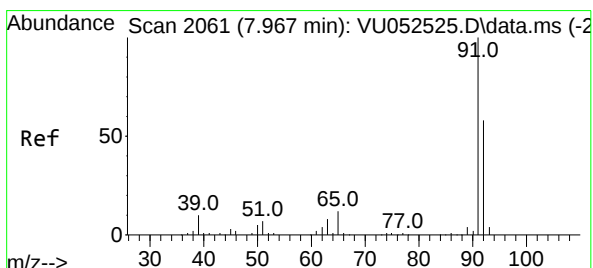
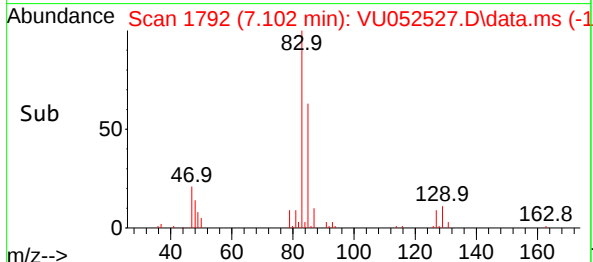
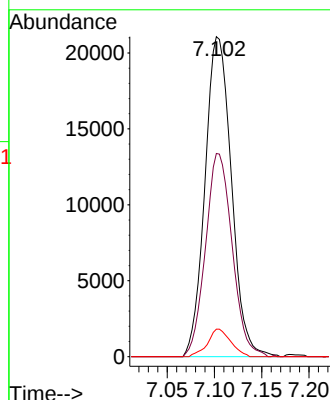
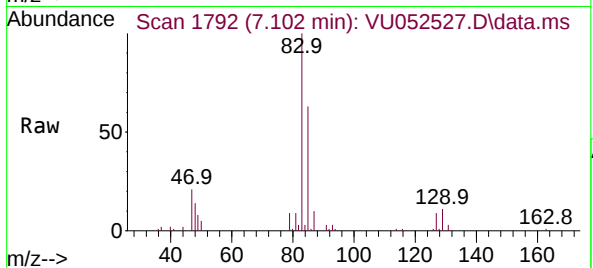
Tgt Ion: 83 Resp: 41026

Ion Ratio Lower Upper

83 100

85 63.5 45.2 84.0

127 8.6 5.8 8.6



#42

Toluene

Concen: 0.231 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052527.D

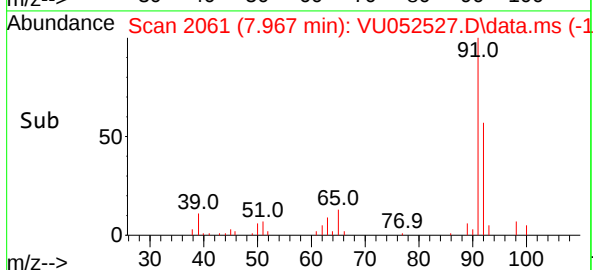
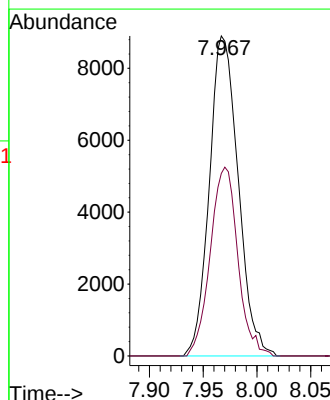
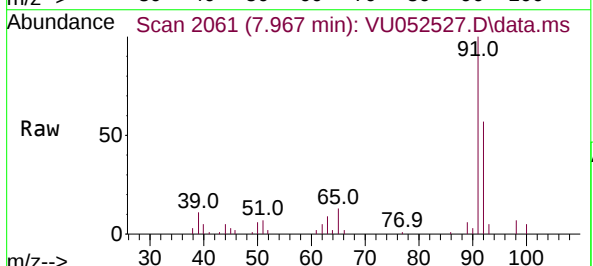
Acq: 23 Dec 2022 11:18

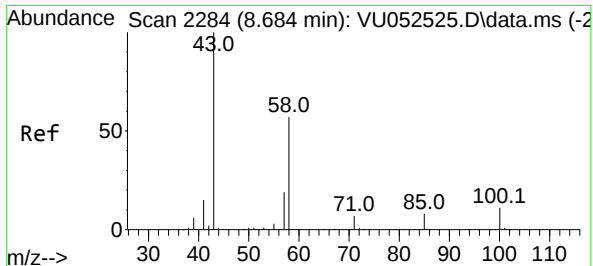
Tgt Ion: 91 Resp: 16587

Ion Ratio Lower Upper

91 100

92 57.1 40.6 75.4



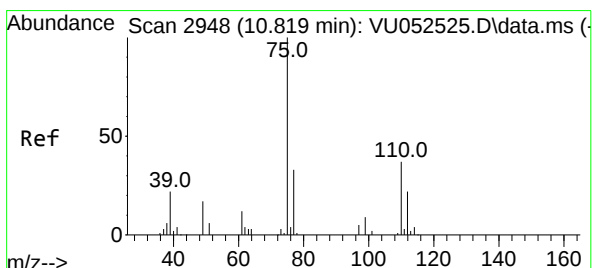
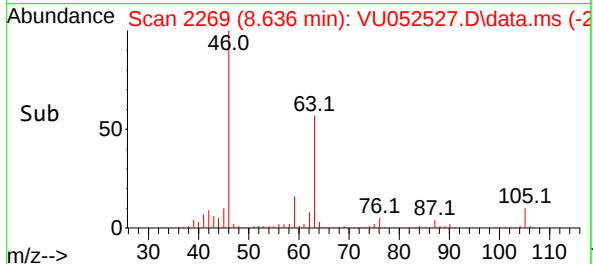
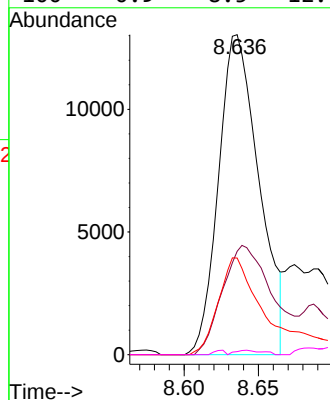
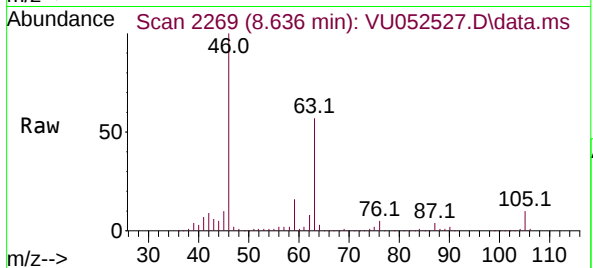


#48
2-Hexanone
Concen: 2.150 ug/L
RT: 8.636 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU052527.D
Acq: 23 Dec 2022 11:18

Instrument :
MSVOA_U
ClientSampleId :
COL35

Tgt Ion: 43 Resp: 24773

Ion	Ratio	Lower	Upper
43	100		
58	41.9	44.1	66.1#
57	37.2	14.6	21.8#
100	0.9	8.5	12.7#



#61
1,2,3-Trichloropropane
Concen: 0.953 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052527.D
Acq: 23 Dec 2022 11:18

Tgt Ion: 75 Resp: 12705

Ion	Ratio	Lower	Upper
75	100		
110	2.9	27.9	41.9#
77	31.7	25.9	38.9

