

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055543.D
 Acq On : 27 Sep 2023 02:44
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 06:38:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

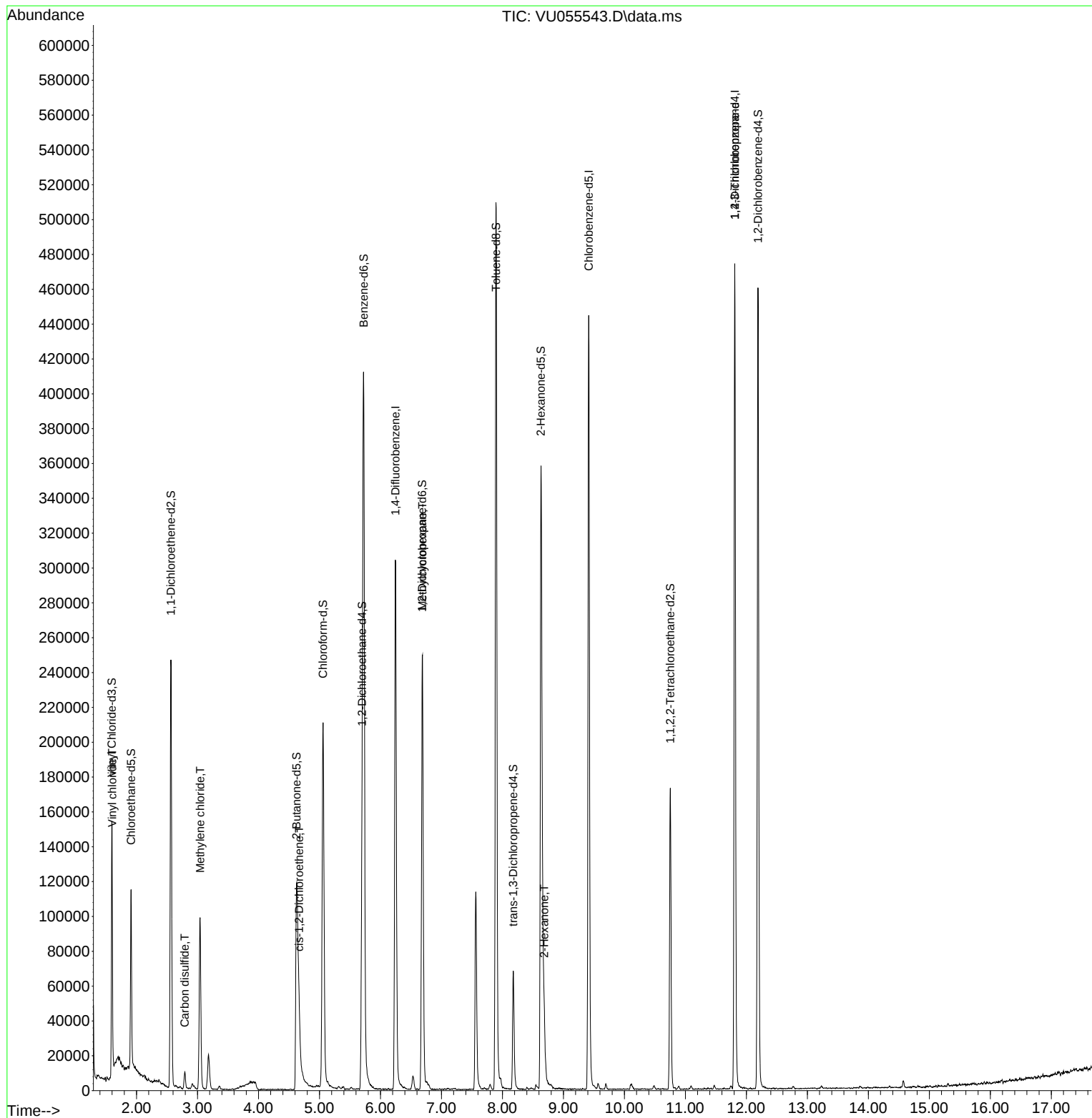
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	262448	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	267928	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	133611	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	102642	3.870	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.911	69	71653	3.065	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.400%#
11) 1,1-Dichloroethene-d2	2.563	65	46680	4.275	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.624	46	206325	43.064	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.120%
24) Chloroform-d	5.058	84	202596	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.698	65	97035	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.724	84	414495	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.685	67	131370	4.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.894	98	363345	4.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.177	79	41943	4.268	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.630	63	119687	40.044	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90501	4.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	128348	4.759	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	5192	0.214	ug/L #	1
14) Carbon disulfide	2.792	76	12729	0.231	ug/L	95
16) Methylene chloride	3.042	84	49667	2.259	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	9640	0.450	ug/L	95
35) Methylcyclohexane	6.688	83	29808	0.949	ug/L #	21
48) 2-Hexanone	8.685	43	22319	3.148	ug/L #	93
61) 1,2,3-Trichloropropane	11.810	75	15023	1.440	ug/L #	66

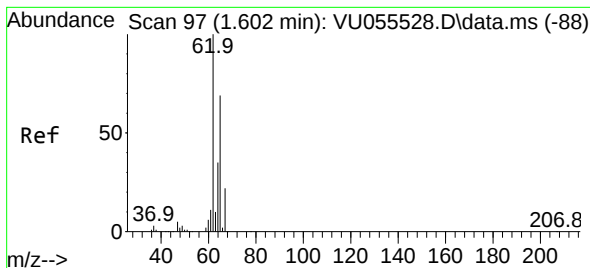
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.214 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

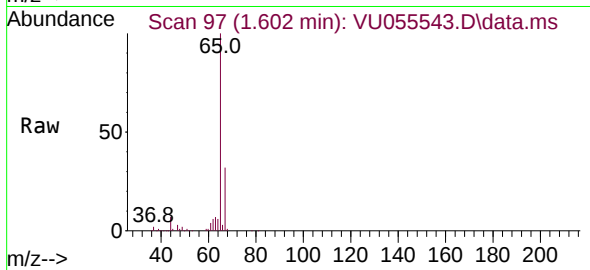
Lab File: VU055543.D

Acq: 27 Sep 2023 02:44

Instrument :

MSVOA_U

ClientSampleId :

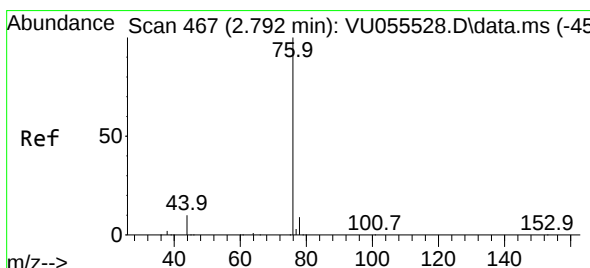
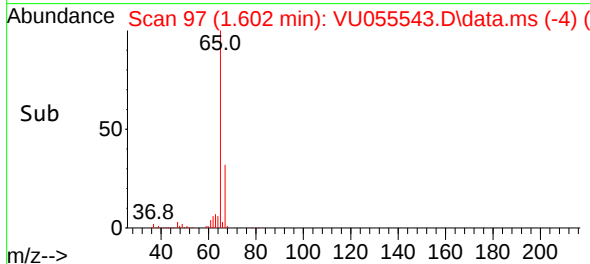
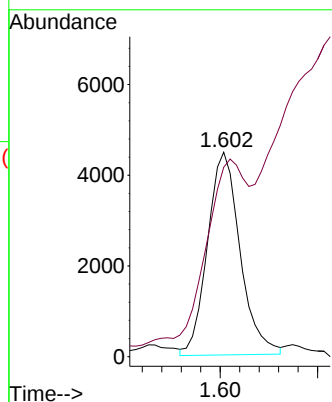


Tgt Ion: 62 Resp: 5192

Ion Ratio Lower Upper

62 100

64 92.6 22.3 41.5#



#14

Carbon disulfide

Concen: 0.231 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU055543.D

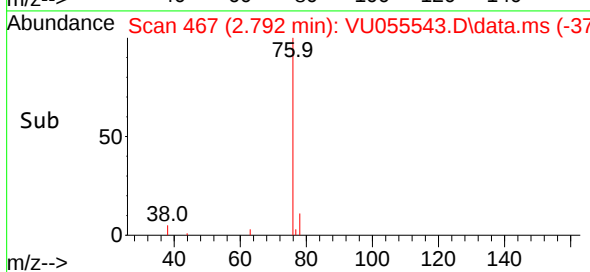
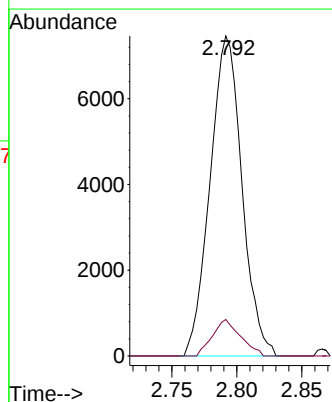
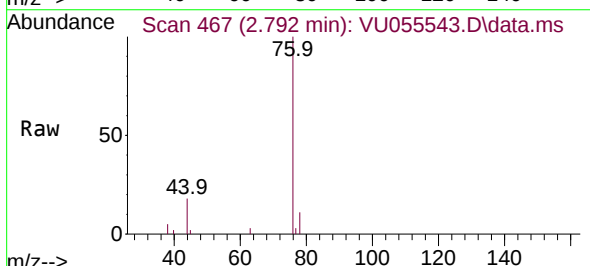
Acq: 27 Sep 2023 02:44

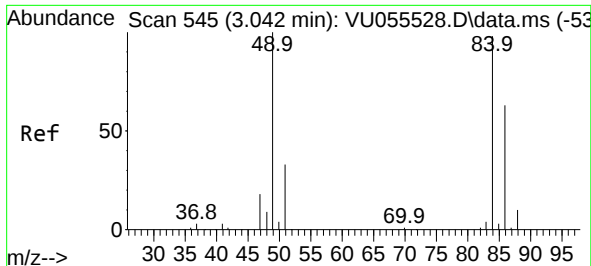
Tgt Ion: 76 Resp: 12729

Ion Ratio Lower Upper

76 100

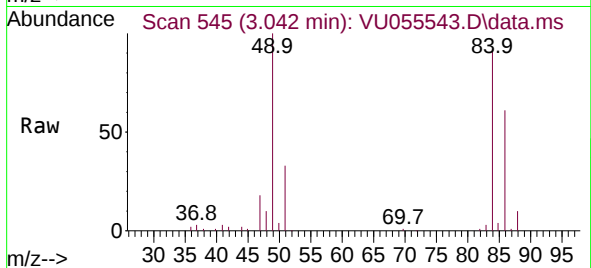
78 11.4 7.7 11.5



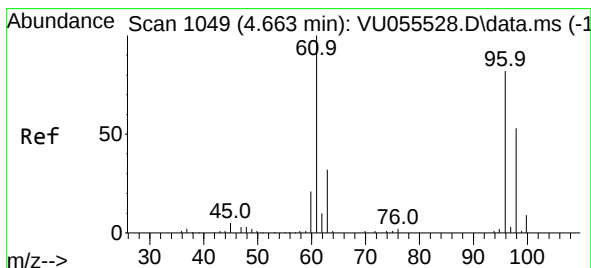
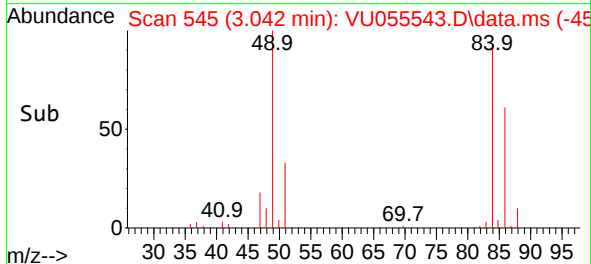
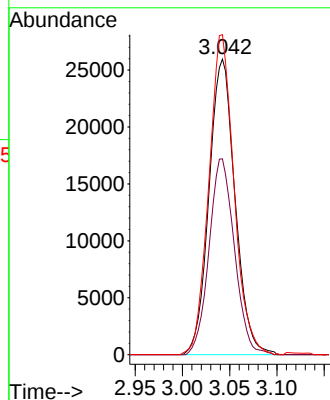


#16
Methylene chloride
Concen: 2.259 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU055543.D
Acq: 27 Sep 2023 02:44

Instrument :
MSVOA_U
ClientSampleId :

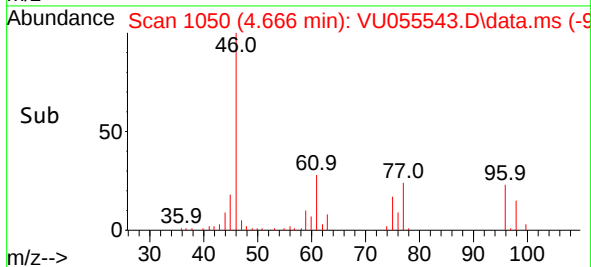
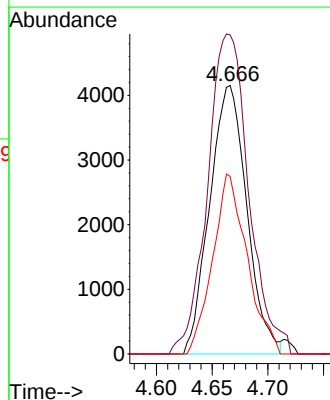
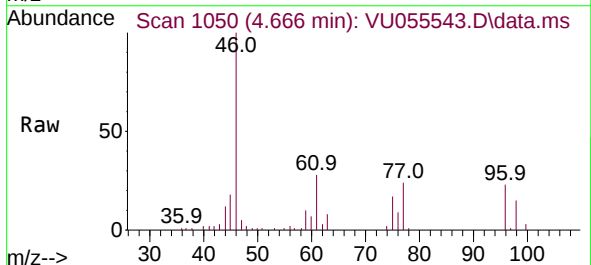


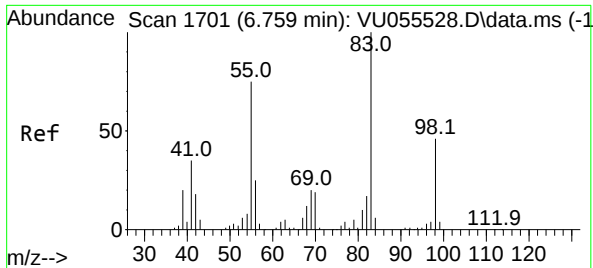
Tgt Ion: 84 Resp: 49667
Ion Ratio Lower Upper
84 100
86 66.3 44.9 83.3
49 108.3 78.8 146.3



#22
cis-1,2-Dichloroethene
Concen: 0.450 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055543.D
Acq: 27 Sep 2023 02:44

Tgt Ion: 96 Resp: 9640
Ion Ratio Lower Upper
96 100
61 118.9 87.8 163.2
98 66.1 44.4 82.4

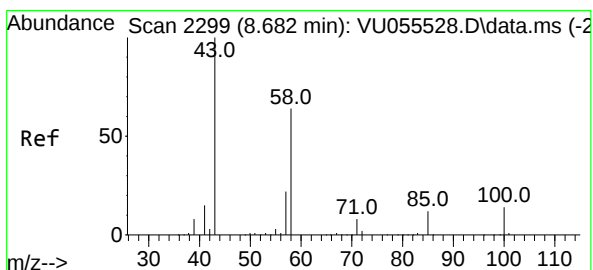
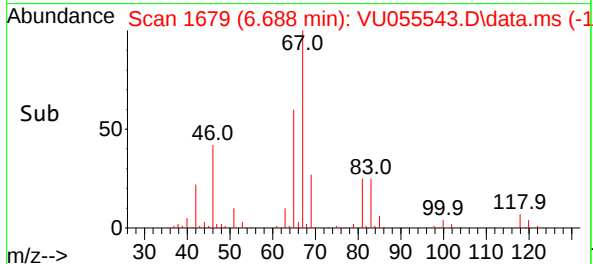
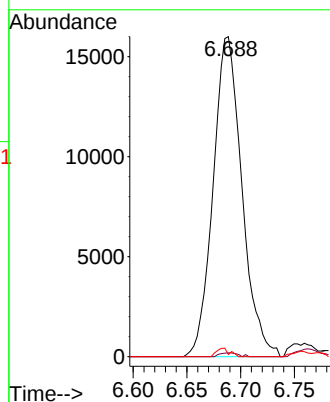
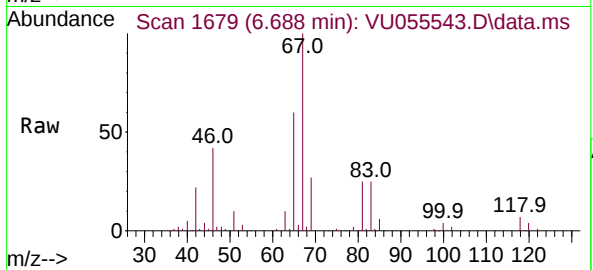




#35
Methylcyclohexane
Concen: 0.949 ug/L
RT: 6.688 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU055543.D
Acq: 27 Sep 2023 02:44

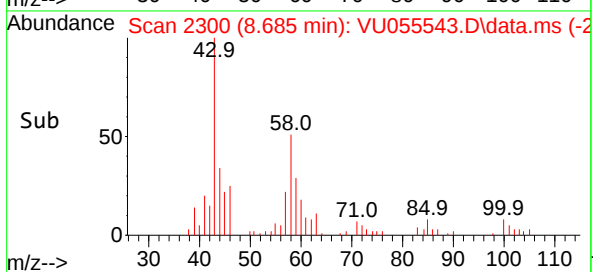
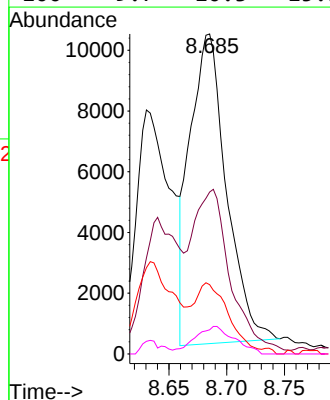
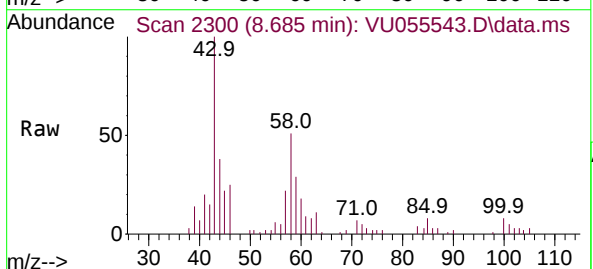
Instrument :
MSVOA_U
ClientSampleId :

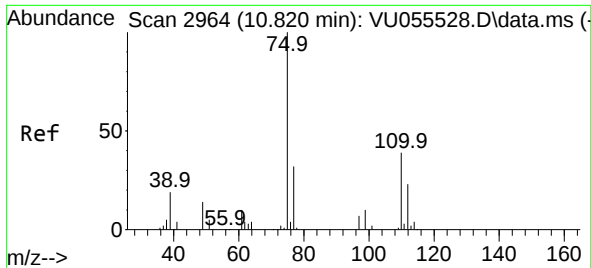
Tgt Ion: 83 Resp: 29808
Ion Ratio Lower Upper
83 100
55 0.8 59.1 88.7#
98 1.2 36.3 54.5#



#48
2-Hexanone
Concen: 3.148 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055543.D
Acq: 27 Sep 2023 02:44

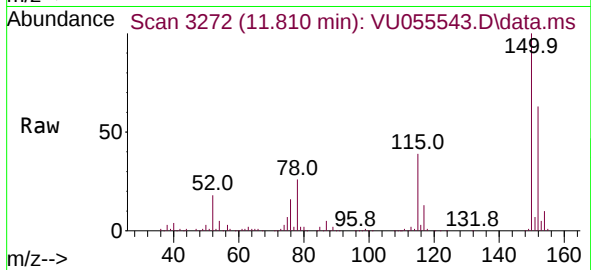
Tgt Ion: 43 Resp: 22319
Ion Ratio Lower Upper
43 100
58 54.4 48.5 72.7
57 19.9 17.0 25.4
100 9.7 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.440 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055543.D
 Acq: 27 Sep 2023 02:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 15023
 Ion Ratio Lower Upper
 75 100
 110 1.6 30.6 45.8#
 77 31.5 26.7 40.1

