

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055415.D
 Acq On : 20 Sep 2023 11:06
 Operator : MD/SY
 Sample : 04380-17DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 00:27:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

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

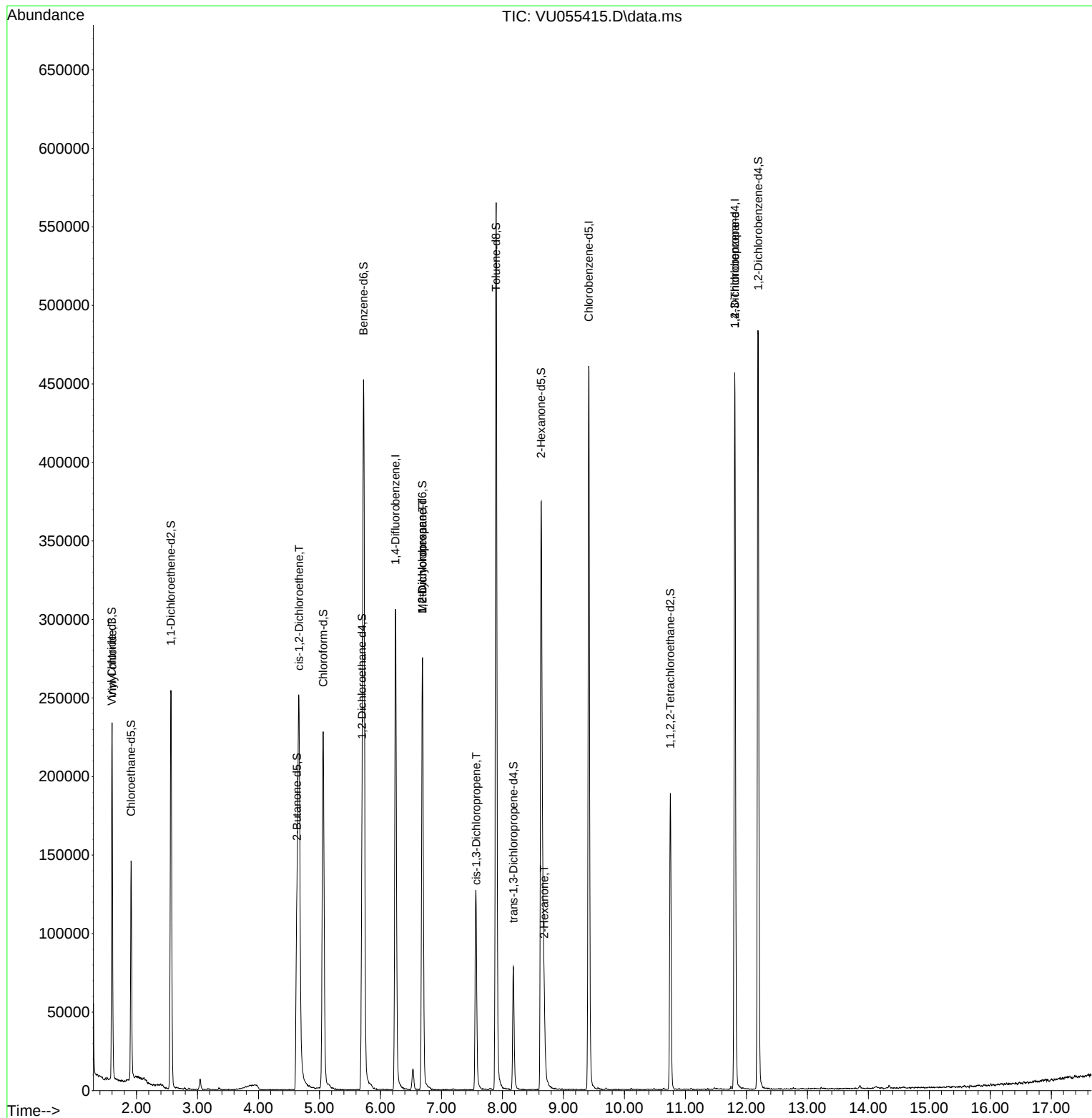
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	250123	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	260914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	122899	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	113340	4.483	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.910	69	100003	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.563	65	47446	4.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.631	46	221488	48.507	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.020%
24) Chloroform-d	5.061	84	216604	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.698	65	110064	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.724	84	436644	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.688	67	132011	4.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.897	98	387153	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.180	79	46606	4.870	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.634	63	116561	40.046	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.100%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93480	4.574	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	127853	5.154	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	58347	2.525	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	107025	5.237	ug/L	96
35) Methylcyclohexane	6.688	83	31986	1.045	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	14743	0.751	ug/L #	89
39) cis-1,3-Dichloropropene	7.573	75	3719	0.142	ug/L #	62
48) 2-Hexanone	8.685	43	33927	4.914	ug/L #	73
61) 1,2,3-Trichloropropane	11.810	75	16325	1.702	ug/L #	65

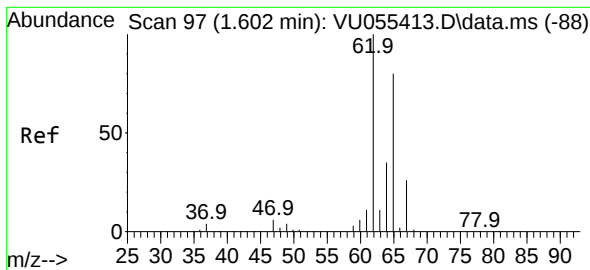
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.525 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU055415.D

Acq: 20 Sep 2023 11:06

Instrument :

MSVOA_U

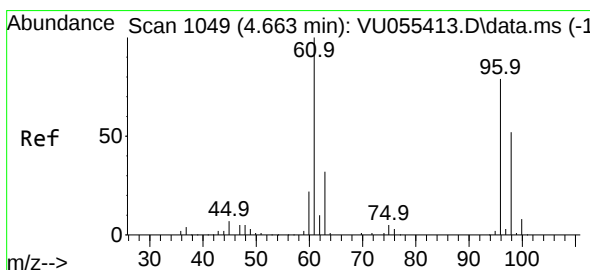
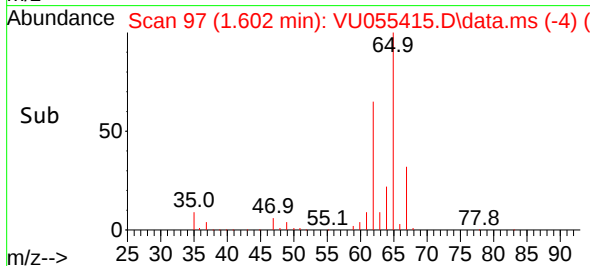
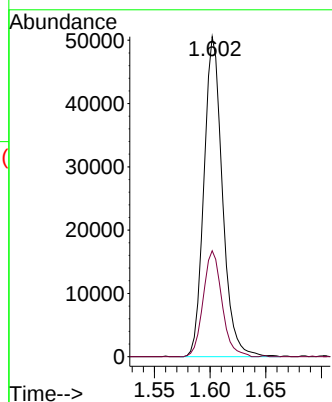
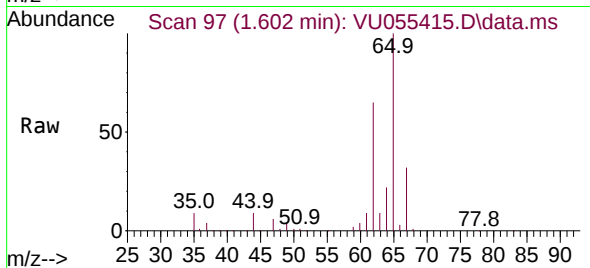
ClientSampleId :

Tgt Ion: 62 Resp: 58347

Ion Ratio Lower Upper

62 100

64 33.1 22.3 41.5



#22

cis-1,2-Dichloroethene

Concen: 5.237 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU055415.D

Acq: 20 Sep 2023 11:06

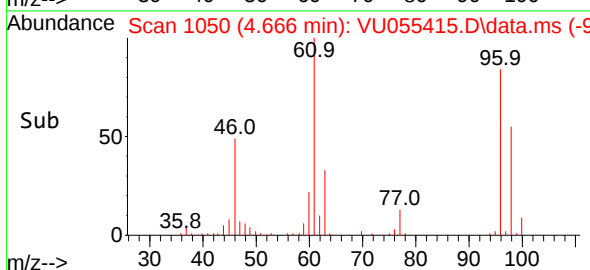
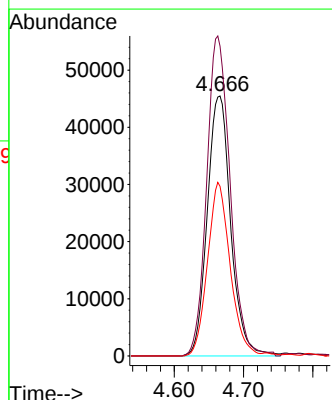
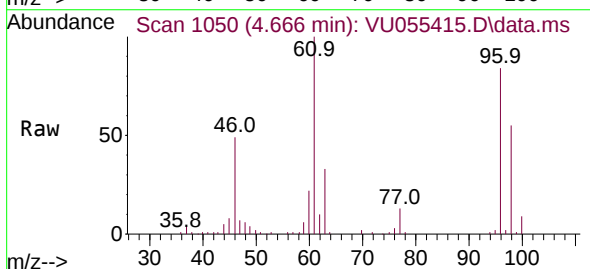
Tgt Ion: 96 Resp: 107025

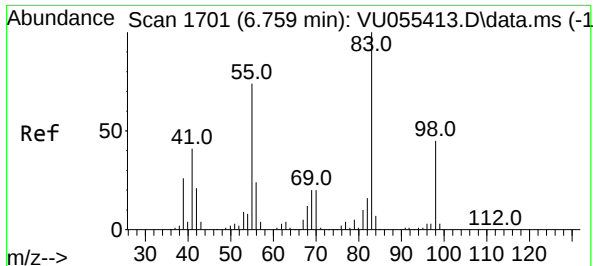
Ion Ratio Lower Upper

96 100

61 119.2 87.8 163.2

98 65.2 44.4 82.4





#35

Methylcyclohexane

Concen: 1.045 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055415.D

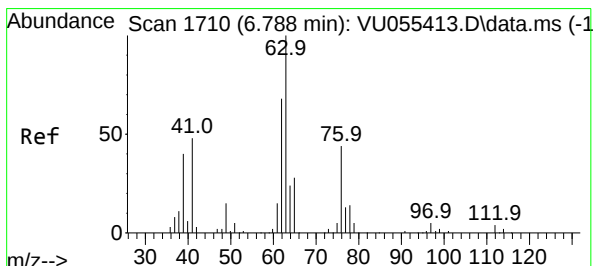
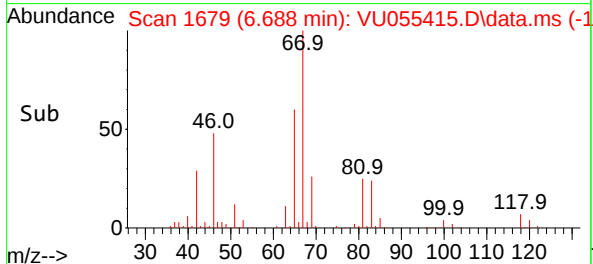
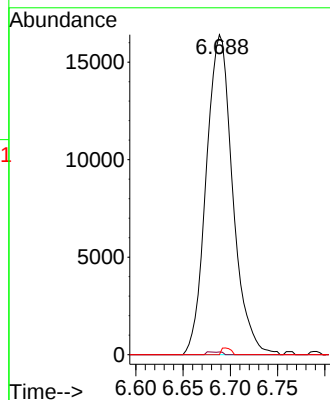
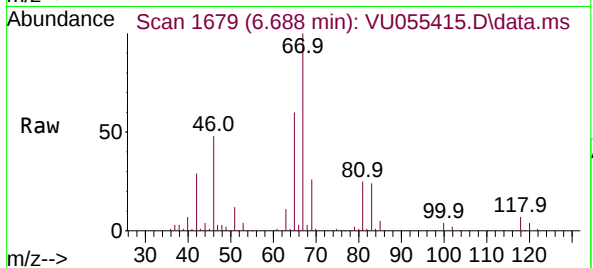
Acq: 20 Sep 2023 11:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 31986
Ion Ratio	Lower Upper
83 100	
55 0.5	59.1 88.7#
98 0.7	36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.751 ug/L

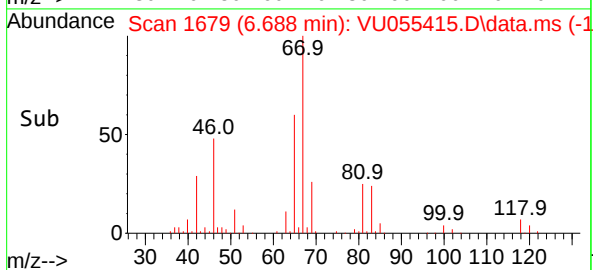
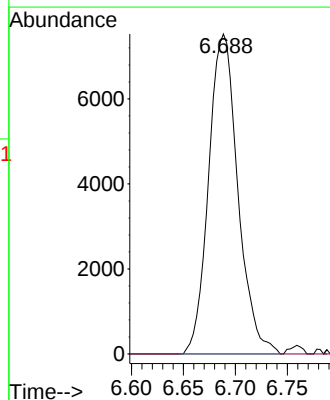
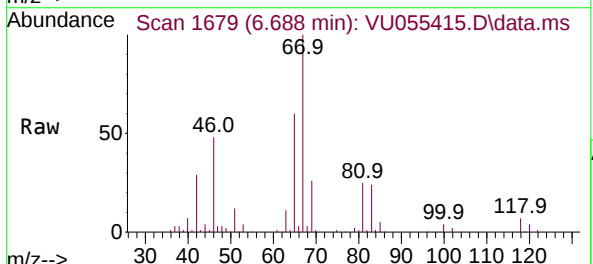
RT: 6.688 min Scan# 1679

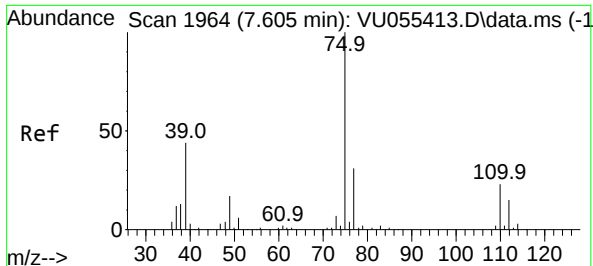
Delta R.T. -0.100 min

Lab File: VU055415.D

Acq: 20 Sep 2023 11:06

Tgt Ion: 63	Resp: 14743
Ion Ratio	Lower Upper
63 100	
112 0.1	3.0 4.6#

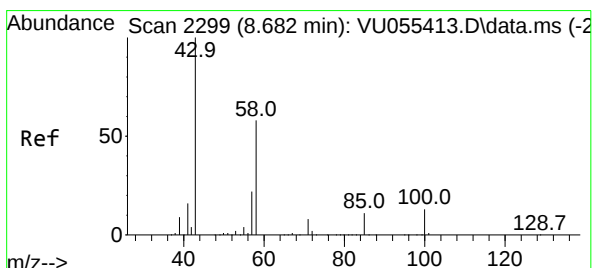
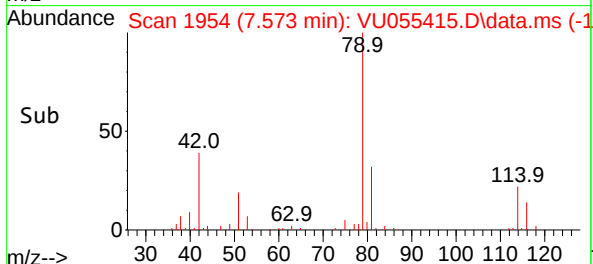
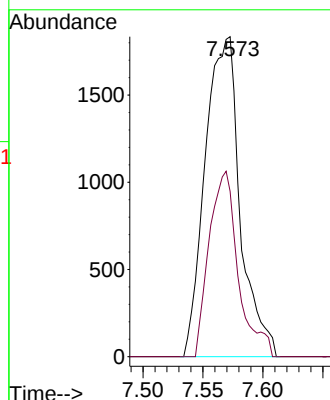
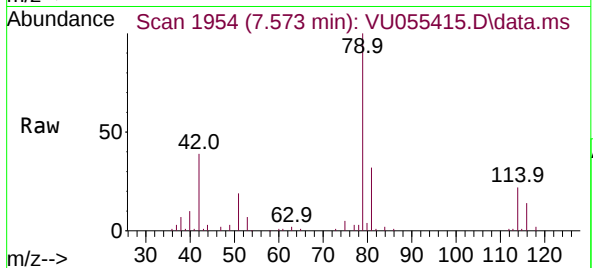




#39
cis-1,3-Dichloropropene
Concen: 0.142 ug/L
RT: 7.573 min Scan# 1964
Delta R.T. -0.032 min
Lab File: VU055415.D
Acq: 20 Sep 2023 11:06

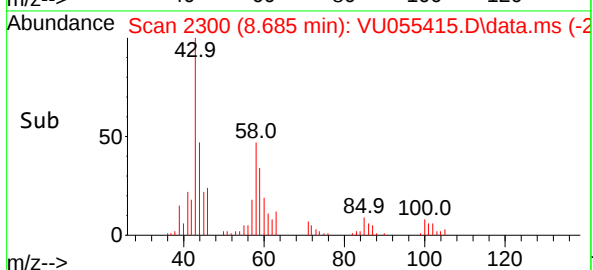
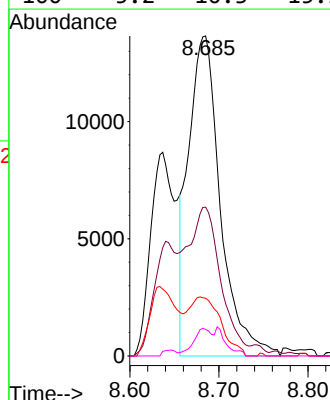
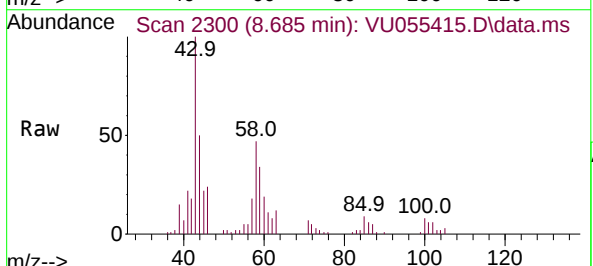
Instrument :
MSVOA_U
ClientSampleId :

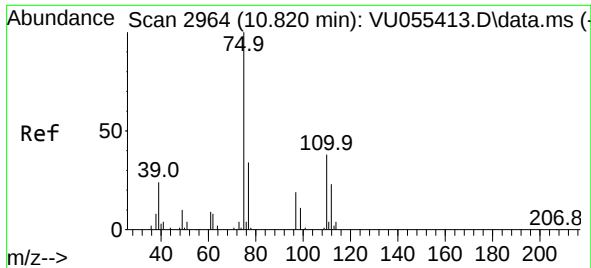
Tgt Ion: 75 Resp: 3719
Ion Ratio Lower Upper
75 100
77 51.7 21.6 40.2#



#48
2-Hexanone
Concen: 4.914 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055415.D
Acq: 20 Sep 2023 11:06

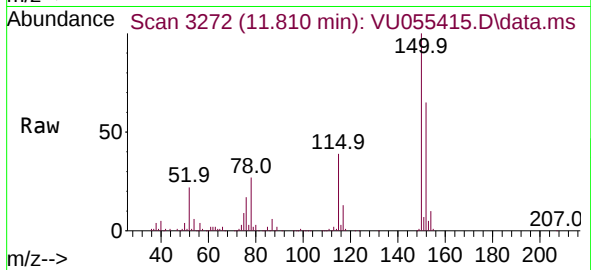
Tgt Ion: 43 Resp: 33927
Ion Ratio Lower Upper
43 100
58 34.1 48.5 72.7#
57 17.8 17.0 25.4
100 5.2 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.702 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055415.D
 Acq: 20 Sep 2023 11:06

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16325
 Ion Ratio Lower Upper
 75 100
 110 2.0 30.6 45.8#
 77 29.4 26.7 40.1

