

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
 Data File : VU044270.D
 Acq On : 30 Jun 2021 19:15
 Operator : SY/MD
 Sample : M2905-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 02:40:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 01 02:36:13 2021
 Response via : Initial Calibration

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

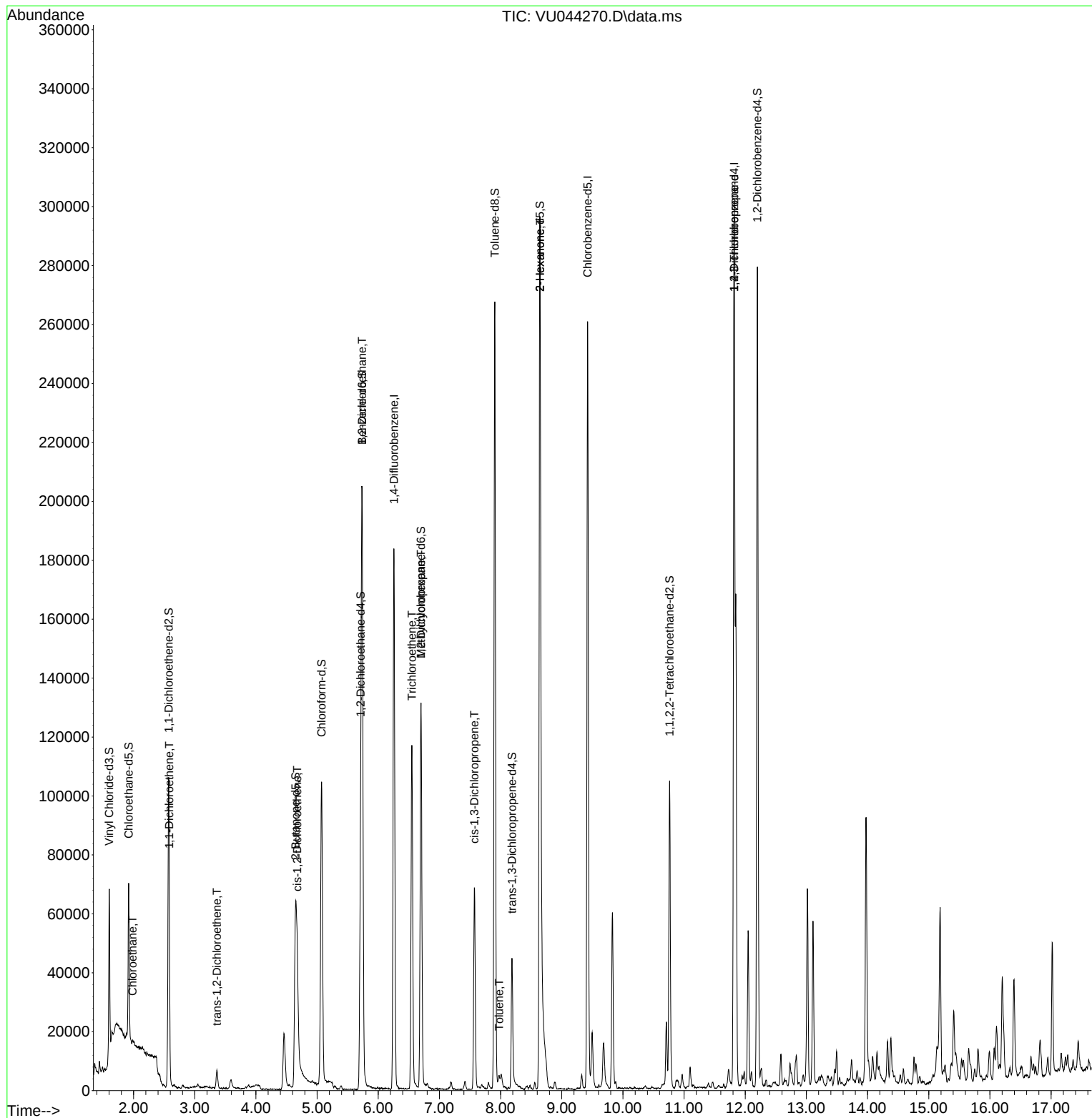
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	147683	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	141619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	76899	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	37506	4.691	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.919	69	38565	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.575	65	19789	4.822	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	4.649	46	123388	41.905	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.820%
24) Chloroform-d	5.073	84	92293	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.713	65	54078	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.735	84	183862	5.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.700	67	59696	5.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.906	98	172368	5.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	8.185	79	25196	4.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.642	63	137376	54.552	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.100%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	51856	5.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	69951	5.521	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.400%
Target Compounds			Qvalue			
8) Chloroethane	1.983	64	2150	0.303	ug/L #	52
12) 1,1-Dichloroethene	2.584	96	812	0.095	ug/L #	1
18) trans-1,2-Dichloroethene	3.363	96	2253	0.248	ug/L	92
22) cis-1,2-Dichloroethene	4.674	96	10745	1.082	ug/L	89
27) 1,2-Dichloroethane	5.735	62	1144	0.093	ug/L #	76
34) Trichloroethene	6.549	95	38625	3.839	ug/L	98
35) Methylcyclohexane	6.700	83	14317	0.862	ug/L #	17
39) cis-1,3-Dichloropropene	7.571	75	1757	0.109	ug/L #	78
42) Toluene	7.976	91	2978	0.073	ug/L	88
48) 2-Hexanone	8.645	43	15284	2.751	ug/L #	67
61) 1,2,3-Trichloropropane	11.819	75	9061	1.305	ug/L #	62

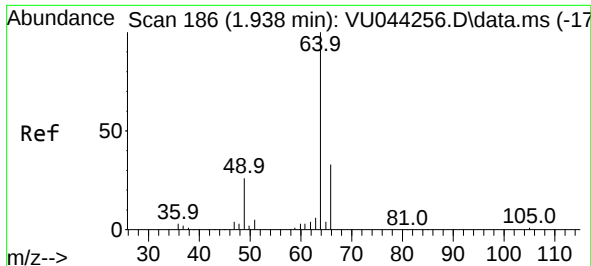
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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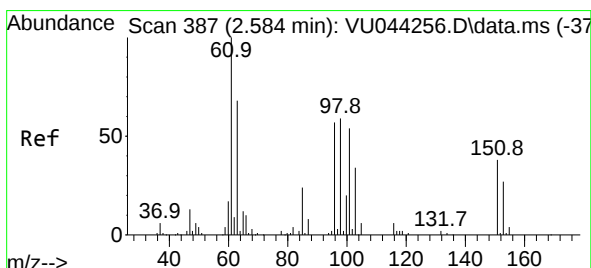
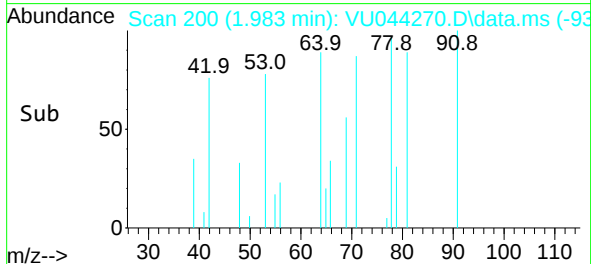
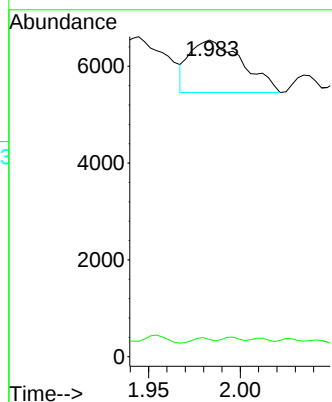
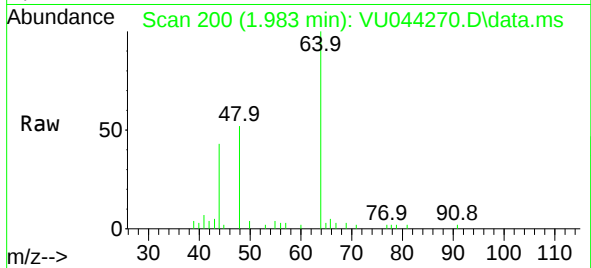




#8
Chloroethane
Concen: 0.303 ug/L
RT: 1.983 min Scan# 200
Delta R.T. 0.045 min
Lab File: VU044270.D
Acq: 30 Jun 2021 19:15

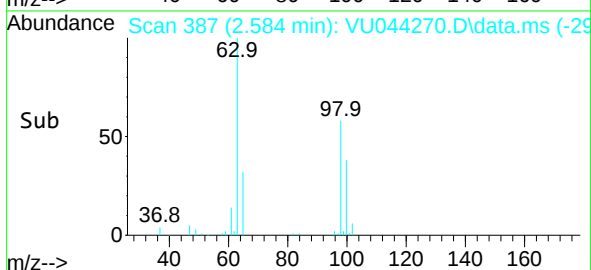
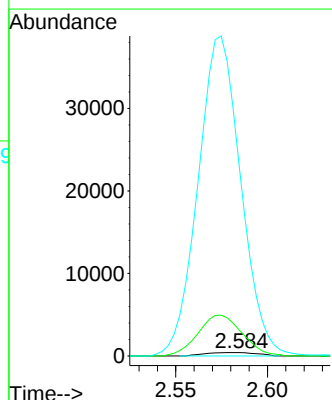
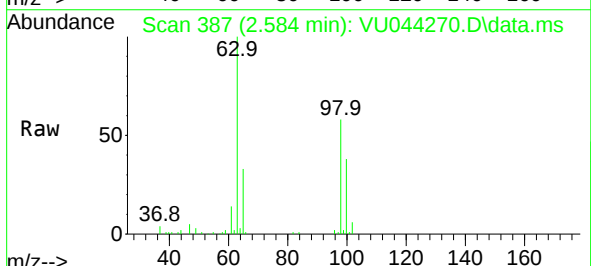
Instrument :
MSVOA_U
ClientSampled :

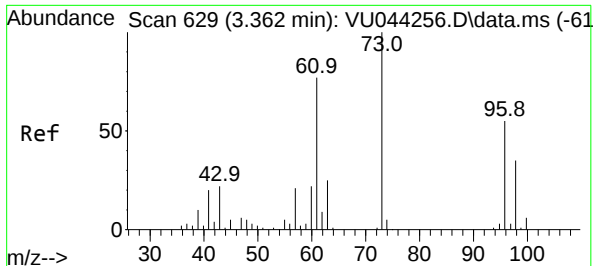
Tgt Ion: 64 Resp: 2150
Ion Ratio Lower Upper
64 100
66 5.4 22.7 42.3#



#12
1,1-Dichloroethene
Concen: 0.095 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044270.D
Acq: 30 Jun 2021 19:15

Tgt Ion: 96 Resp: 812
Ion Ratio Lower Upper
96 100
61 767.5 128.6 238.8#
63 5627.0 84.3 156.5#

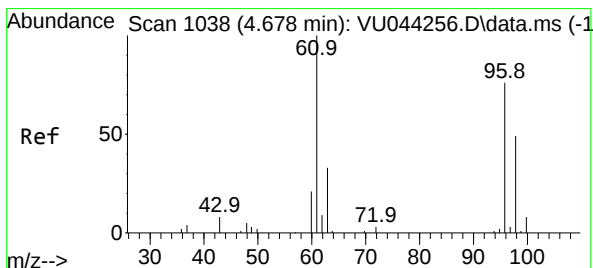
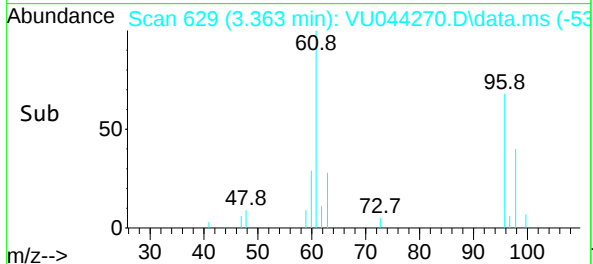
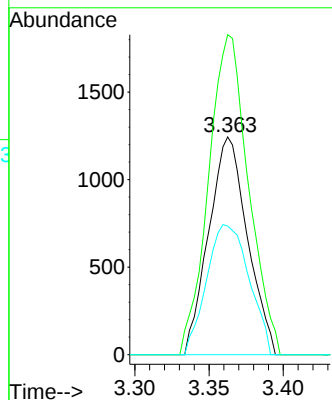
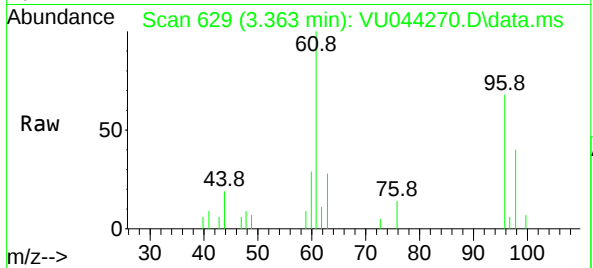




#18
trans-1,2-Dichloroethene
Concen: 0.248 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU044270.D
Acq: 30 Jun 2021 19:15

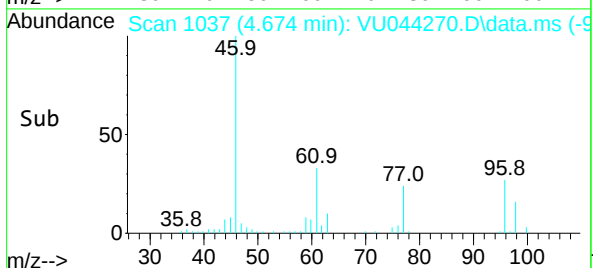
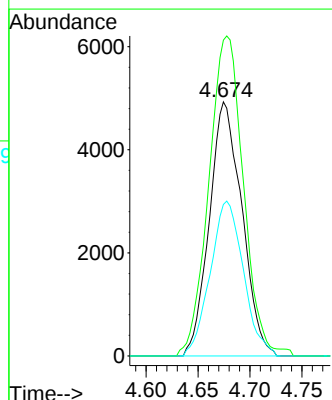
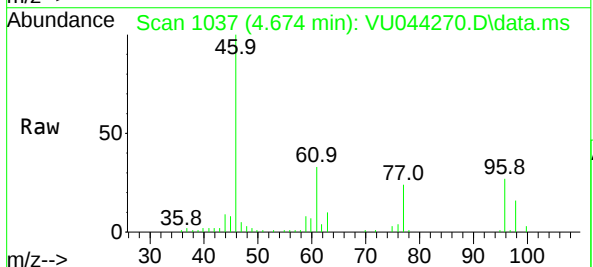
Instrument :
MSVOA_U
ClientSampleId :

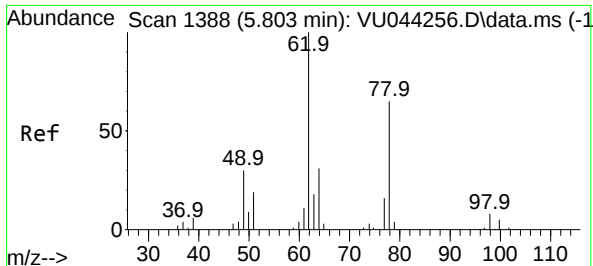
Tgt Ion: 96 Resp: 2253
Ion Ratio Lower Upper
96 100
61 135.2 100.2 186.2
98 54.4 44.9 83.5



#22
cis-1,2-Dichloroethene
Concen: 1.082 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU044270.D
Acq: 30 Jun 2021 19:15

Tgt Ion: 96 Resp: 10745
Ion Ratio Lower Upper
96 100
61 124.3 98.8 183.6
98 59.6 44.8 83.2





#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.735 min Scan# 1367

Delta R.T. -0.067 min

Lab File: VU044270.D

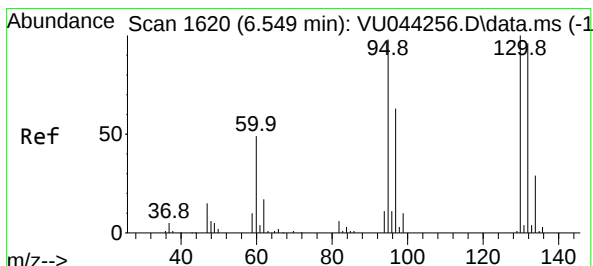
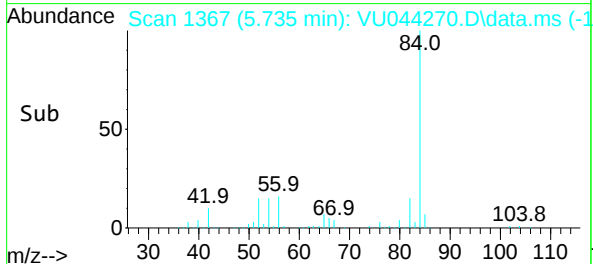
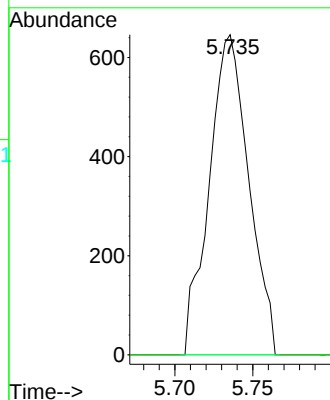
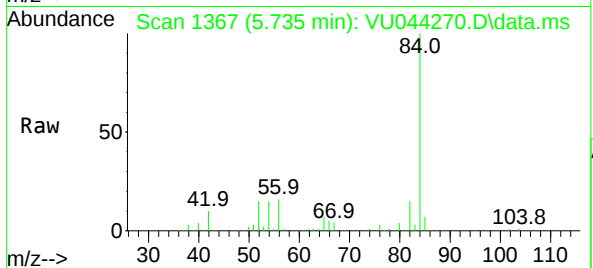
Acq: 30 Jun 2021 19:15

Tgt Ion: 62 Resp: 1144

Ion Ratio Lower Upper

62 100

98 0.0 6.8 10.2#



#34

Trichloroethene

Concen: 3.839 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU044270.D

Acq: 30 Jun 2021 19:15

Tgt Ion: 95 Resp: 38625

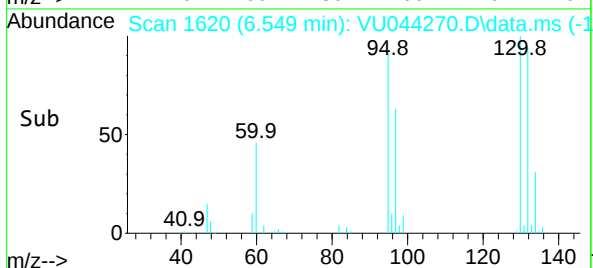
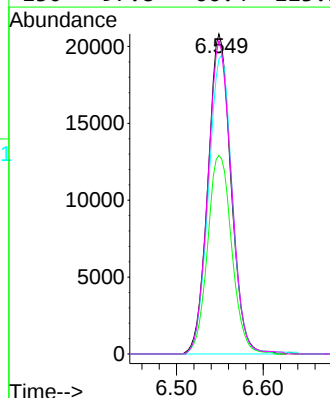
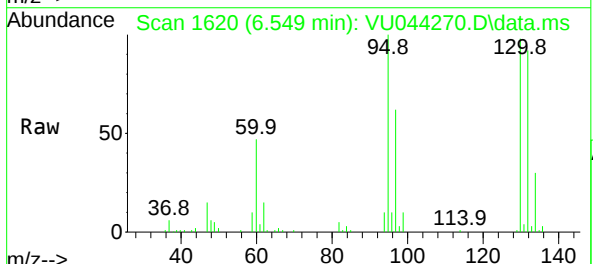
Ion Ratio Lower Upper

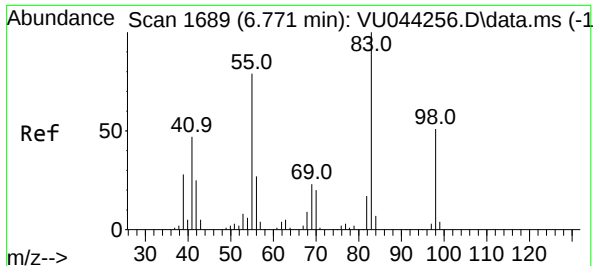
95 100

97 62.1 44.3 82.3

132 92.2 64.3 119.5

130 97.8 66.4 123.2

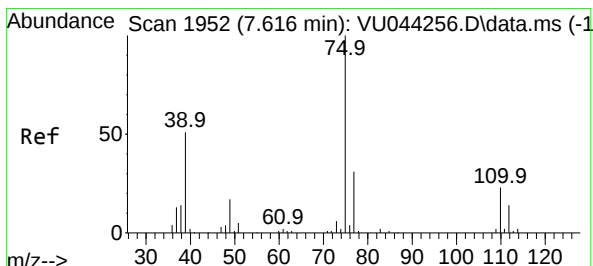
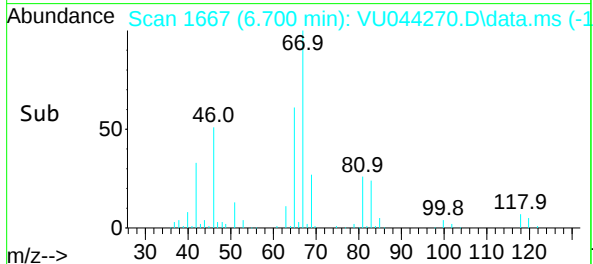
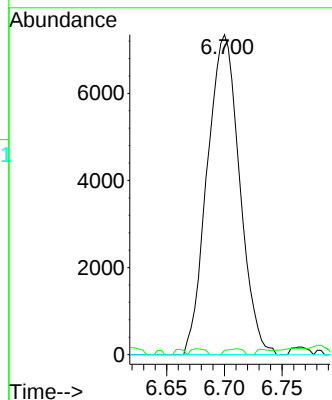
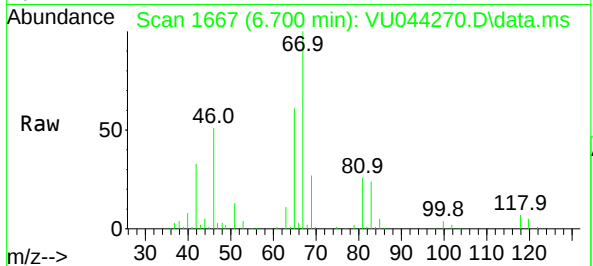




#35
Methylcyclohexane
Concen: 0.862 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU044270.D
Acq: 30 Jun 2021 19:15

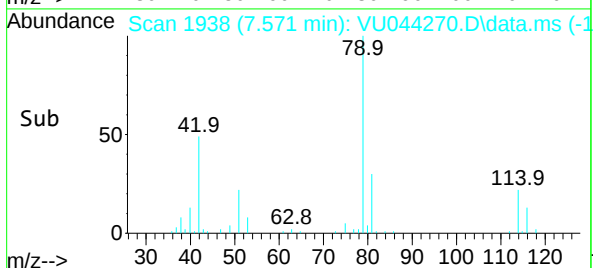
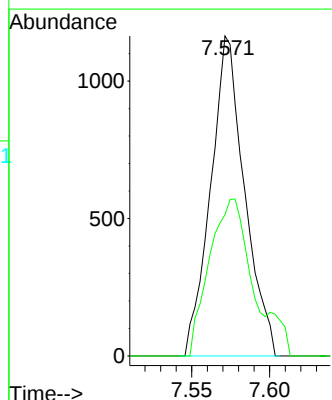
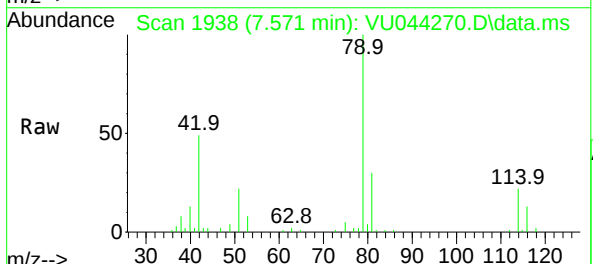
Instrument :
MSVOA_U
ClientSampled :

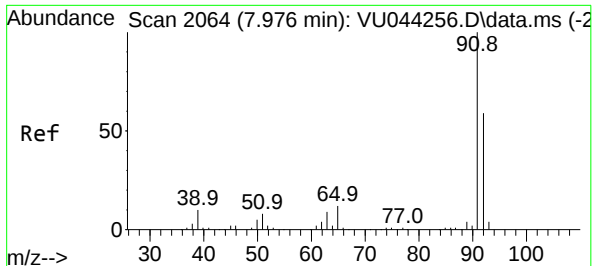
Tgt Ion: 83 Resp: 14317
Ion Ratio Lower Upper
83 100
55 0.9 63.4 95.0#
98 0.0 39.4 59.0#



#39
cis-1,3-Dichloropropene
Concen: 0.109 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU044270.D
Acq: 30 Jun 2021 19:15

Tgt Ion: 75 Resp: 1757
Ion Ratio Lower Upper
75 100
77 44.2 22.5 41.7#





#42

Toluene

Concen: 0.073 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

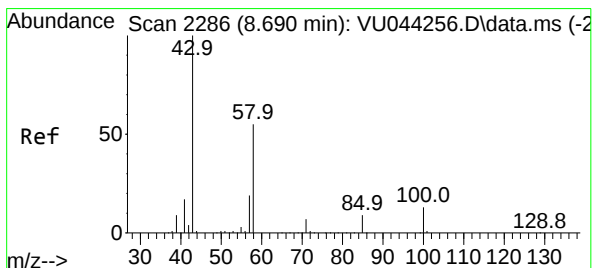
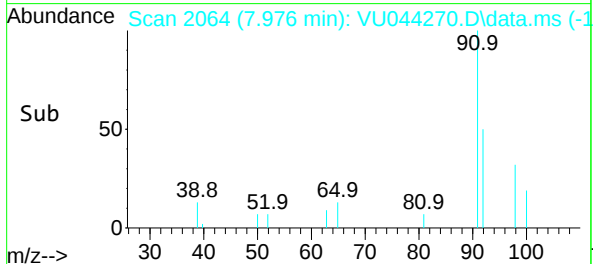
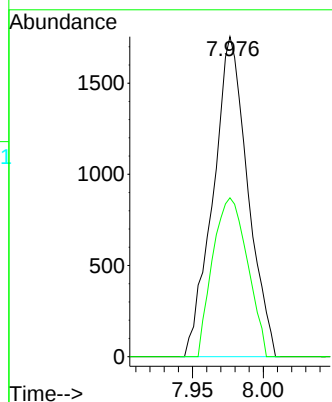
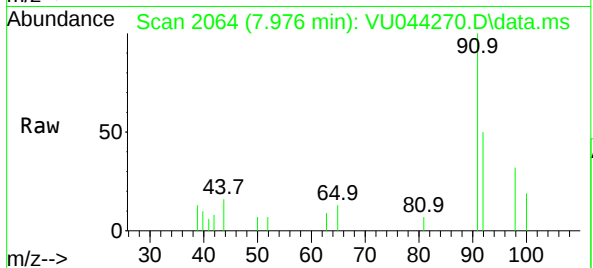
Lab File: VU044270.D

Acq: 30 Jun 2021 19:15

Tgt Ion: 91 Resp: 2978

Ion	Ratio	Lower	Upper
91	100		
92	49.6	41.2	76.6

Instrument :
MSVOA_U
ClientSampled :



#48

2-Hexanone

Concen: 2.751 ug/L

RT: 8.645 min Scan# 2272

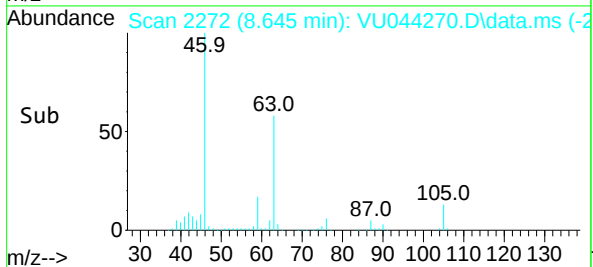
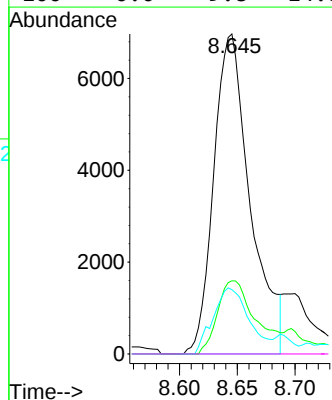
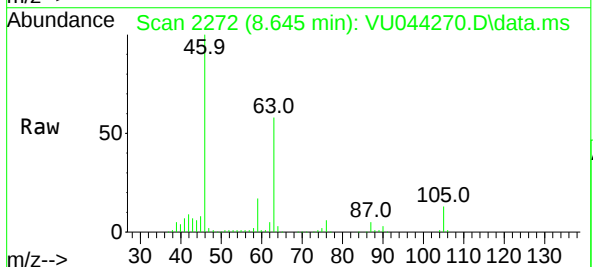
Delta R.T. -0.045 min

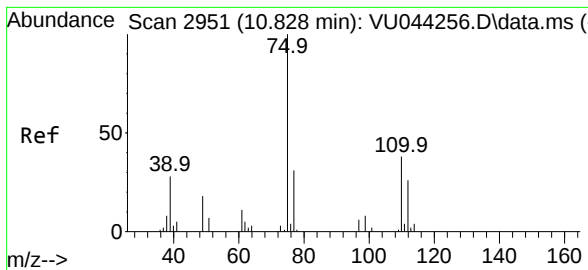
Lab File: VU044270.D

Acq: 30 Jun 2021 19:15

Tgt Ion: 43 Resp: 15284

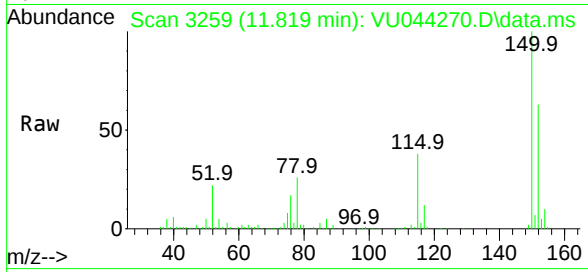
Ion	Ratio	Lower	Upper
43	100		
58	23.8	44.7	67.1#
57	20.7	15.7	23.5
100	0.0	9.8	14.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.305 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU044270.D
 Acq: 30 Jun 2021 19:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9061
 Ion Ratio Lower Upper
 75 100
 110 2.0 30.5 45.7#
 77 39.1 26.1 39.1#

