

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030821\
 Data File : VU042519.D
 Acq On : 08 Mar 2021 11:17
 Operator : SY/MD
 Sample : M1588-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 01:36:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 09 01:35:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	95296	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	90948	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	42937	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24741	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.919	69	21140	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.581	63	72560	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	4.642	46	102188	48.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.98%
24) Chloroform-d	5.073	84	54243	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.713	65	36220	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.735	84	98203	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.700	67	33191	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.906	98	94597	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	8.189	79	13292	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.645	63	70239	43.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.30%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	28749	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	36952	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	578	0.07	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	458	0.06	ug/L #	18
12) 1,1-Dichloroethene	2.588	96	52542	7.82	ug/L	92
13) Acetone	2.652	43	7640	4.75	ug/L	98
15) Methyl Acetate	2.845	43	446	0.11	ug/L #	55
19) 1,1-Dichloroethane	3.880	63	7491	0.55	ug/L	88
25) Chloroform	5.092	83	1199	0.08	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	115848	9.16	ug/L	97
31) Carbon tetrachloride	5.330	117	14275	1.28	ug/L	99
33) Benzene	5.735	78	812	0.03	ug/L	100
34) Trichloroethene	6.546	95	696	0.09	ug/L #	90
35) Methylcyclohexane	6.700	83	7817	0.65	ug/L #	14
37) 1,2-Dichloropropane	6.700	63	3985	0.52	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1057	0.09	ug/L #	53
44) trans-1,3-Dichloropropene	8.192	75	590	0.06	ug/L #	64
48) 2-Hexanone	8.645	43	10564	2.14	ug/L #	70
59) 1,2,3-Trichloropropane	11.819	75	5303	0.92	ug/L	90

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 09 01:36:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Mar 09 01:35:43 2021
Response via : Initial Calibration

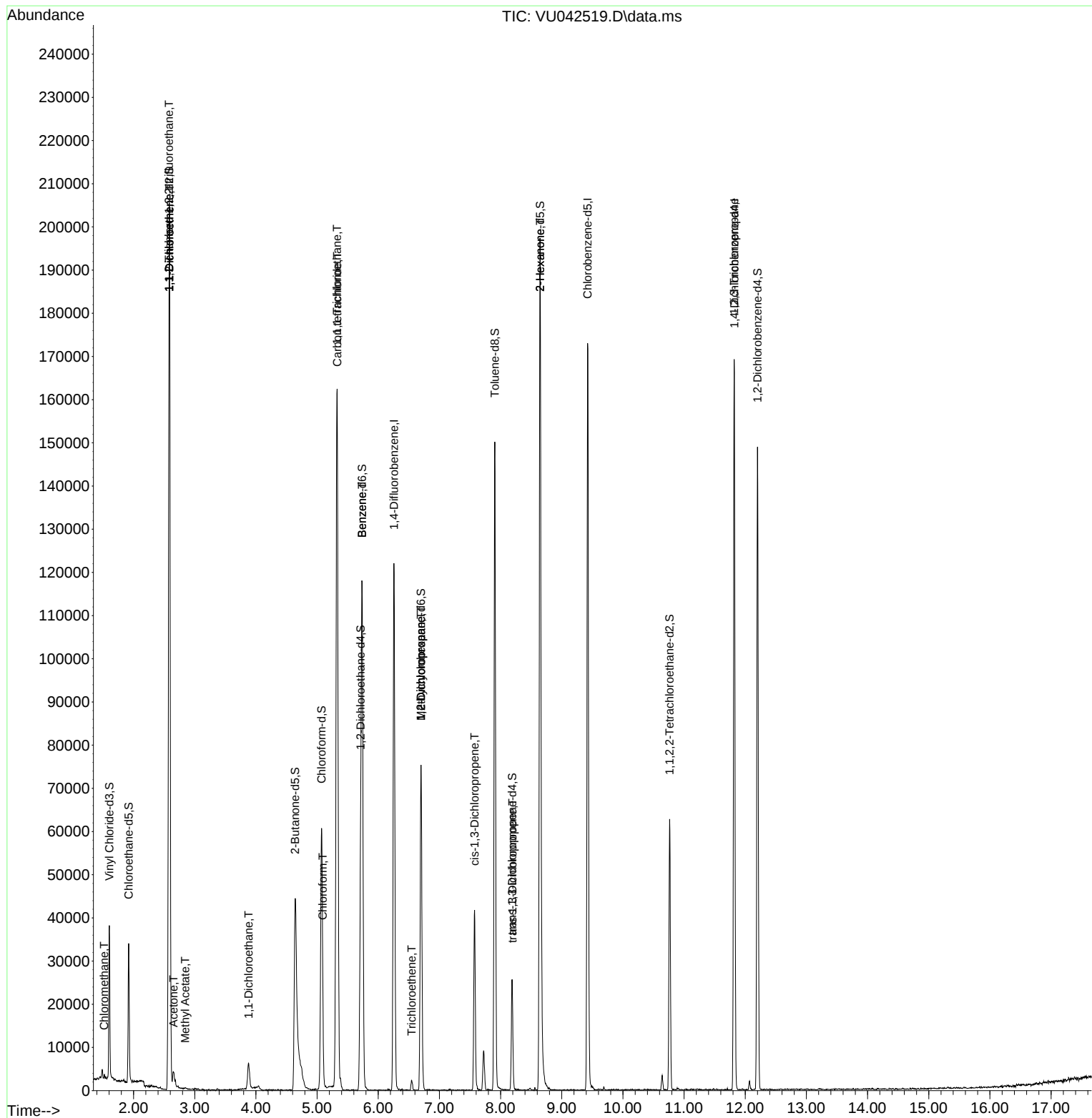
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

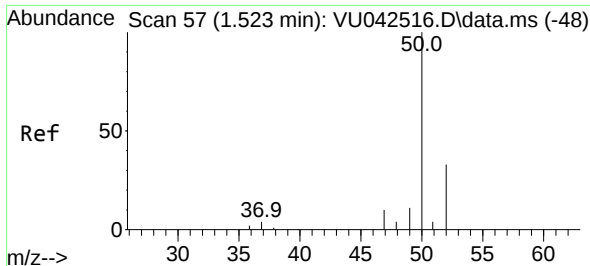
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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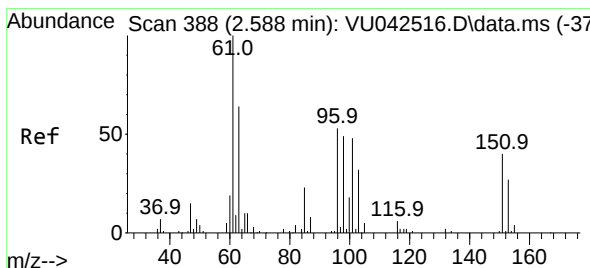
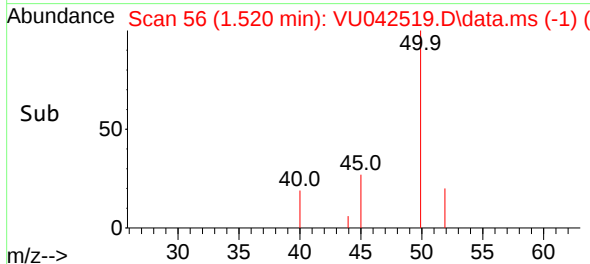
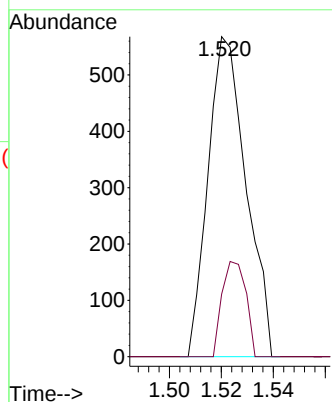
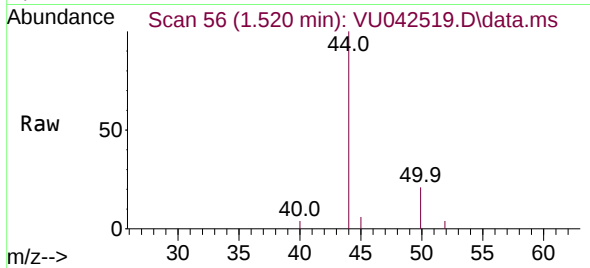




#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

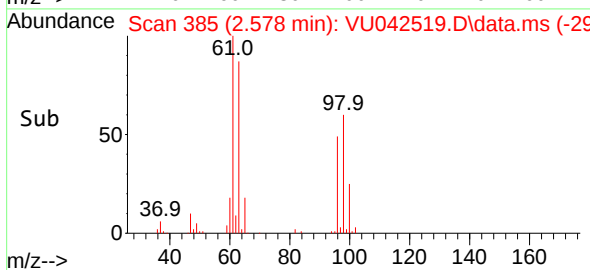
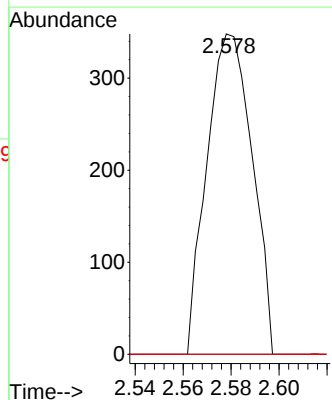
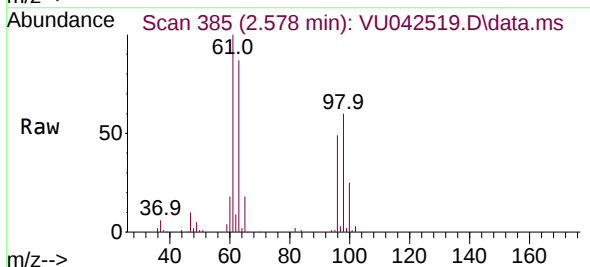
Instrument :
MSVOA_U
ClientSampleId :

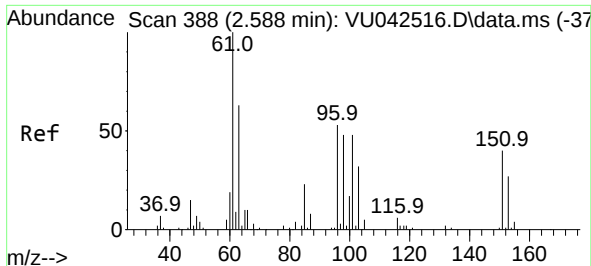
Tgt Ion: 50 Resp: 578
Ion Ratio Lower Upper
50 100
52 19.5 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.06 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

Tgt Ion: 101 Resp: 458
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 62.7 94.1#





#12

1,1-Dichloroethene

Concen: 7.82 ug/L

RT: 2.588 min Scan# 388

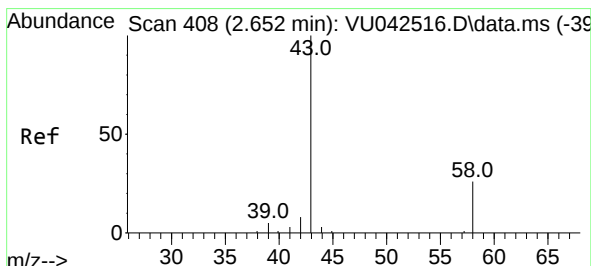
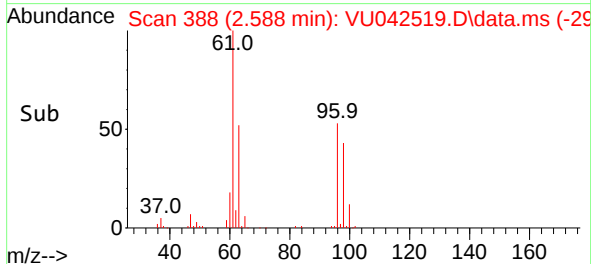
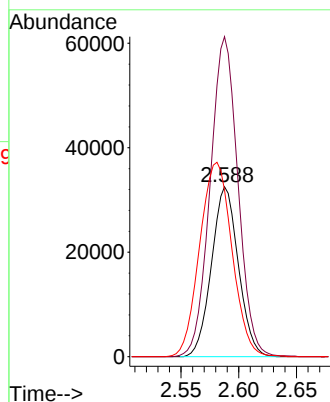
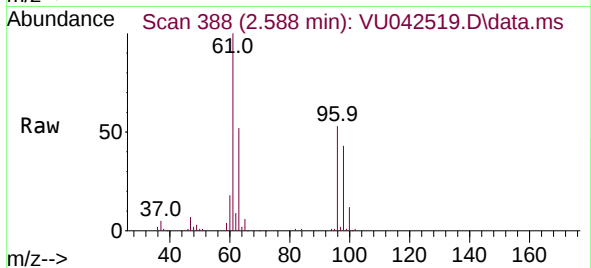
Delta R.T. -0.000 min

Lab File: VU042519.D

Acq: 08 Mar 2021 11:17

Tgt Ion: 96 Resp: 52542

Ion	Ratio	Lower	Upper
96	100		
61	188.3	126.2	234.4
63	98.1	77.8	144.4



#13

Acetone

Concen: 4.75 ug/L

RT: 2.652 min Scan# 408

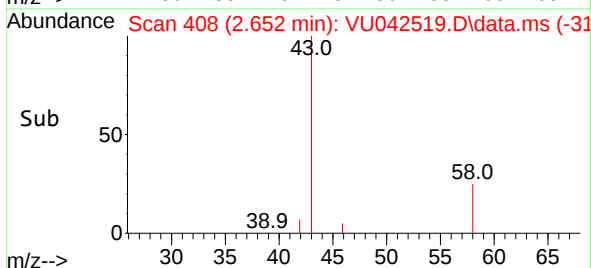
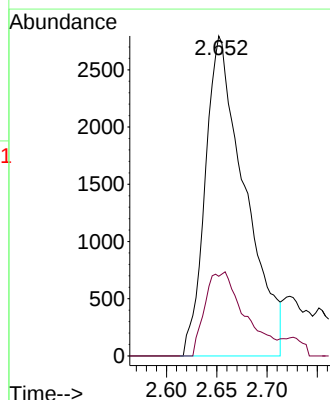
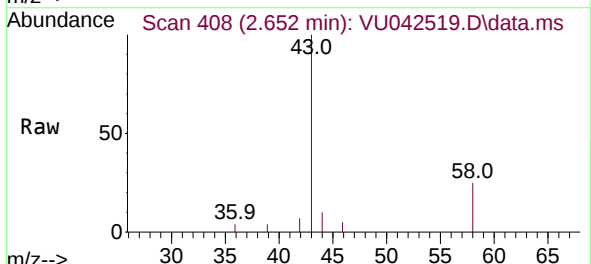
Delta R.T. -0.000 min

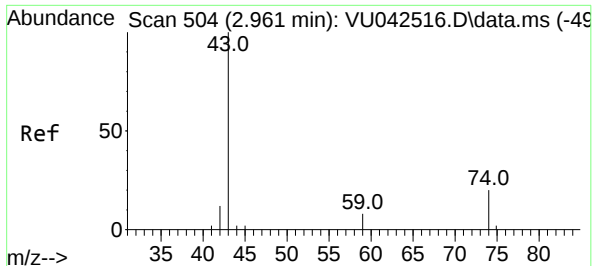
Lab File: VU042519.D

Acq: 08 Mar 2021 11:17

Tgt Ion: 43 Resp: 7640

Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	55.8

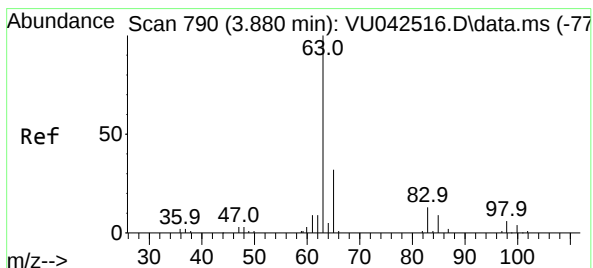
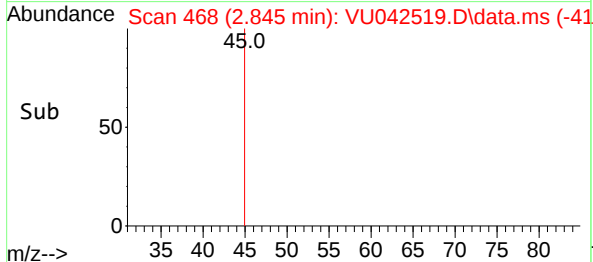
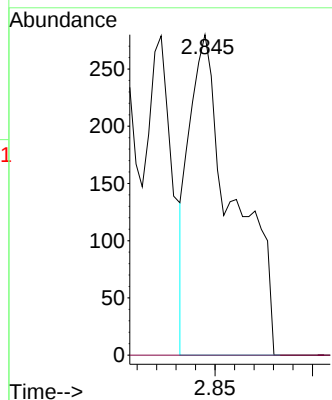
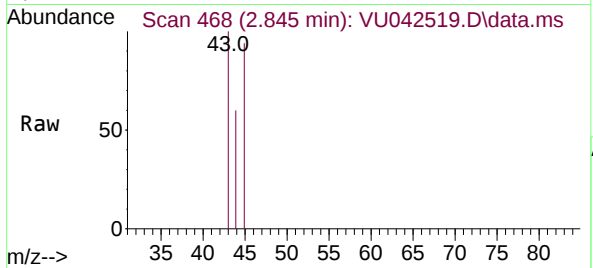




#15
Methyl Acetate
Concen: 0.11 ug/L
RT: 2.845 min Scan# 468
Delta R.T. -0.116 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

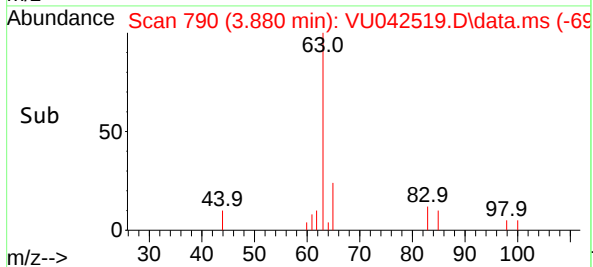
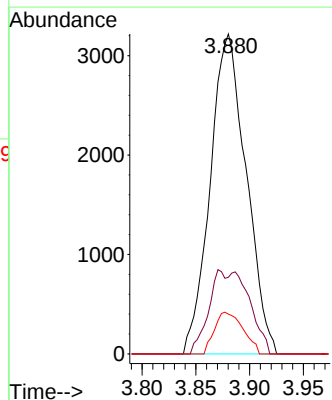
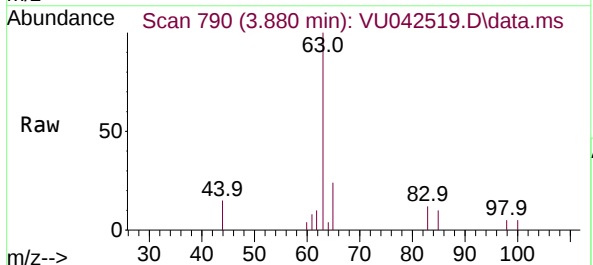
Instrument :
MSVOA_U
ClientSampled :

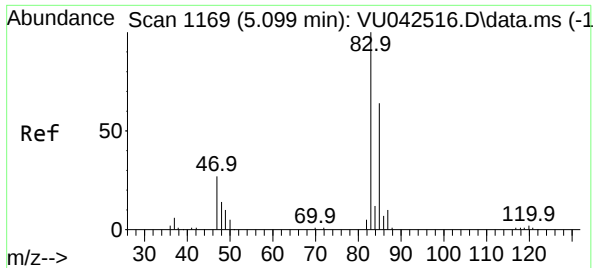
Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#19
1,1-Dichloroethane
Concen: 0.55 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

Tgt Ion: 63 Resp: 7491
Ion Ratio Lower Upper
63 100
65 24.0 22.5 41.9
83 12.4 10.1 18.7

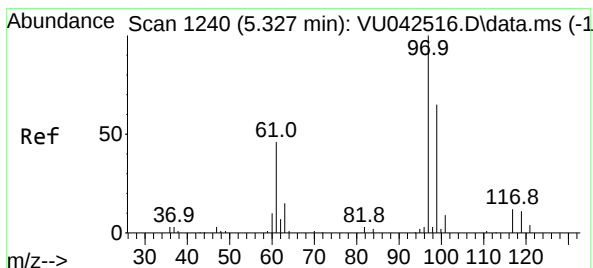
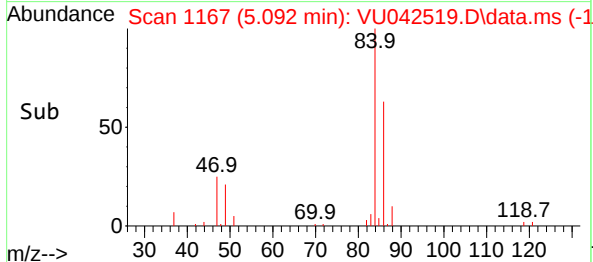
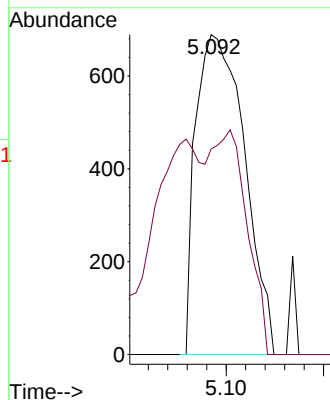
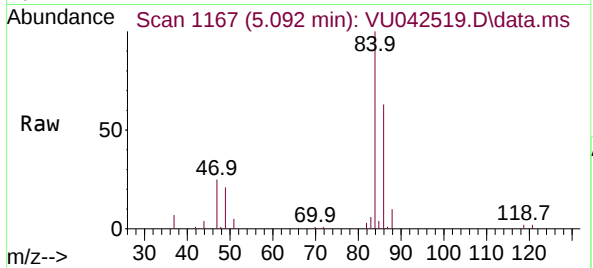




#25
Chloroform
Concen: 0.08 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

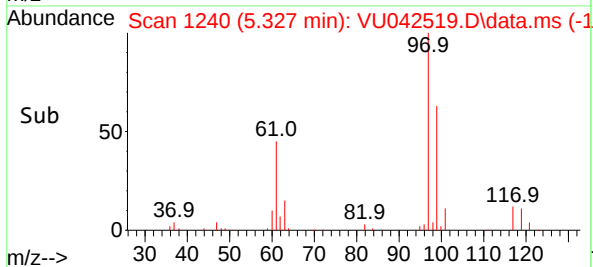
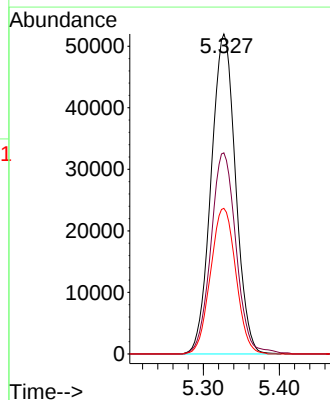
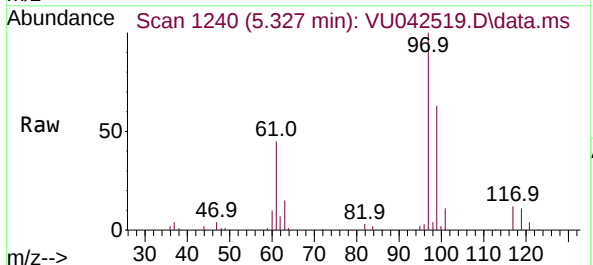
Instrument :
MSVOA_U
ClientSampleId :

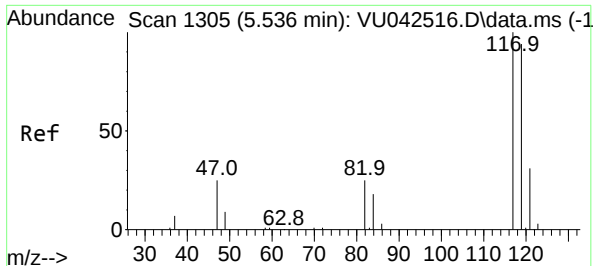
Tgt Ion: 83 Resp: 1199
Ion Ratio Lower Upper
83 100
85 64.3 45.7 84.9



#29
1,1,1-Trichloroethane
Concen: 9.16 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

Tgt Ion: 97 Resp: 115848
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 47.2 35.8 53.6

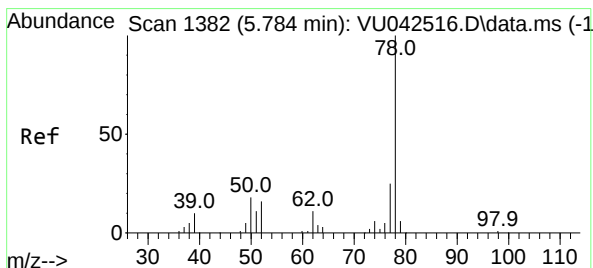
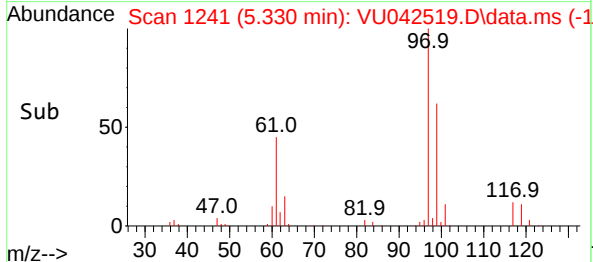
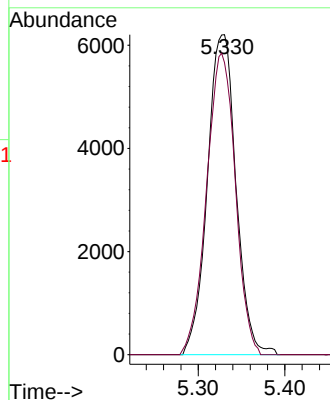
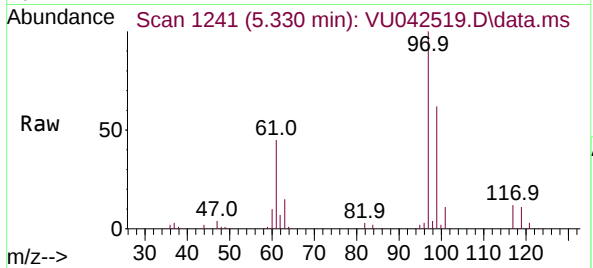




#31
Carbon tetrachloride
Concen: 1.28 ug/L
RT: 5.330 min Scan# 1241
Delta R.T. -0.206 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

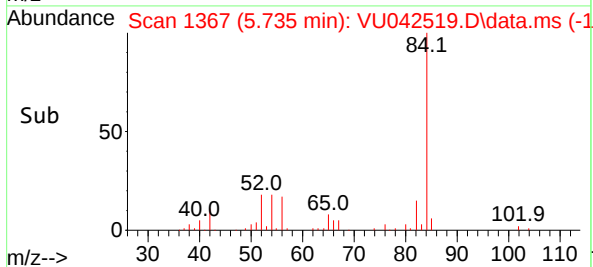
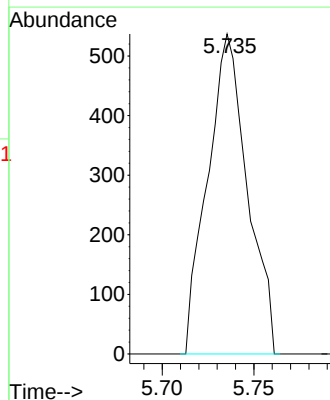
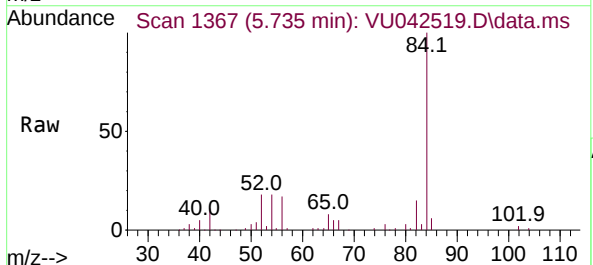
Instrument :
MSVOA_U
ClientSampleId :

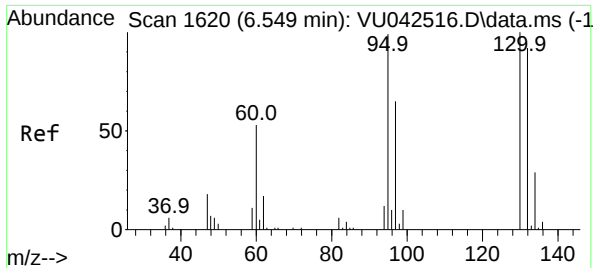
Tgt Ion:117 Resp: 14275
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.4



#33
Benzene
Concen: 0.03 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.048 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

Tgt Ion: 78 Resp: 812



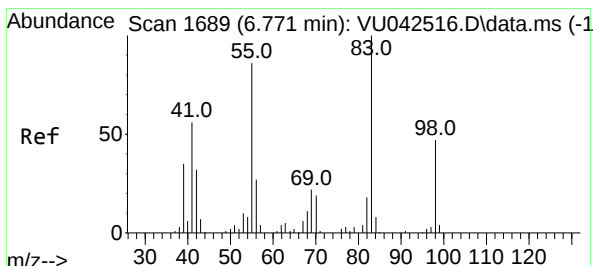
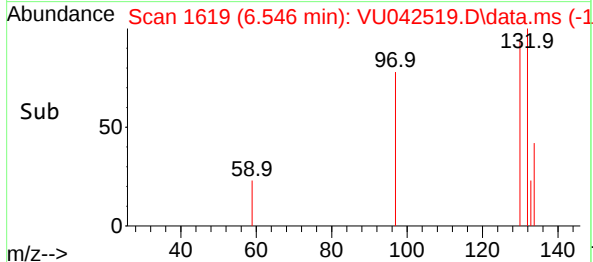
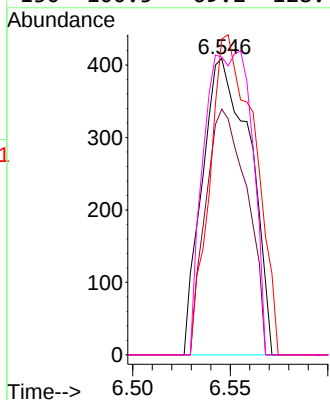
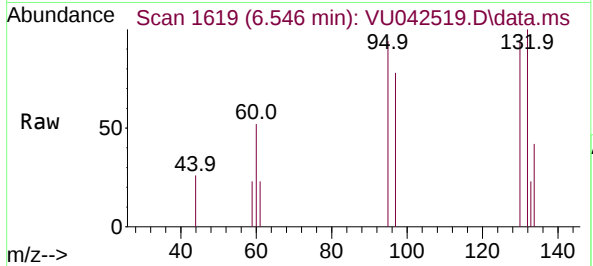


#34
Trichloroethene
Concen: 0.09 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 696

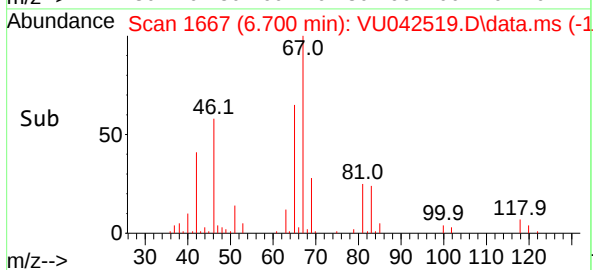
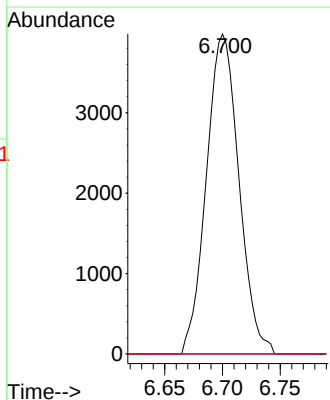
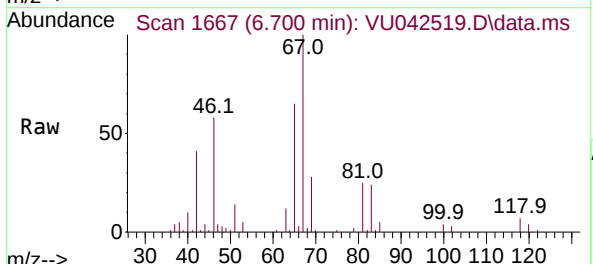
Ion	Ratio	Lower	Upper
95	100		
97	82.9	44.4	82.4#
132	106.6	68.0	126.4
130	100.5	69.2	128.4

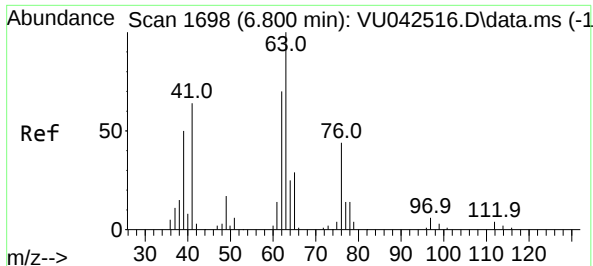


#35
Methylcyclohexane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

Tgt Ion: 83 Resp: 7817

Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.0	39.7	59.5#



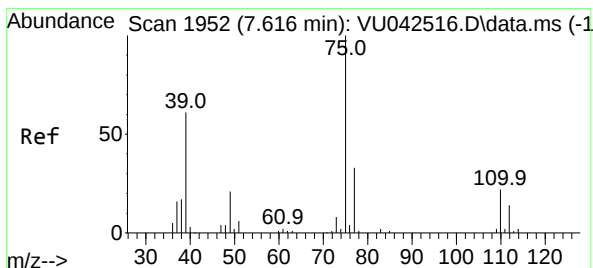
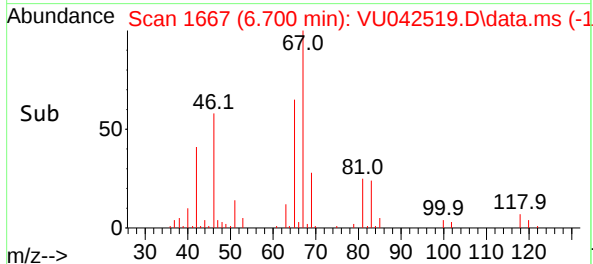
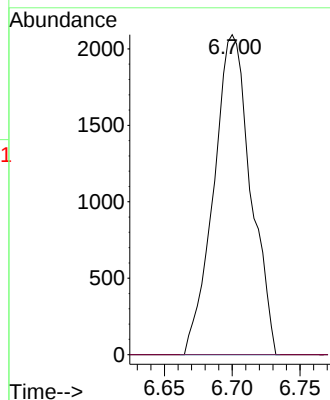
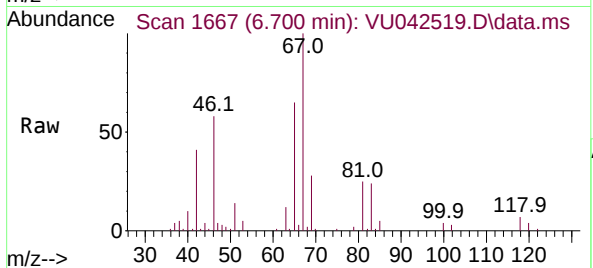


#37

1,2-Dichloropropane
Concen: 0.52 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

Instrument :
MSVOA_U
ClientSampled :

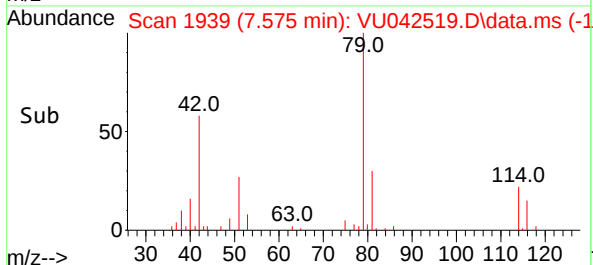
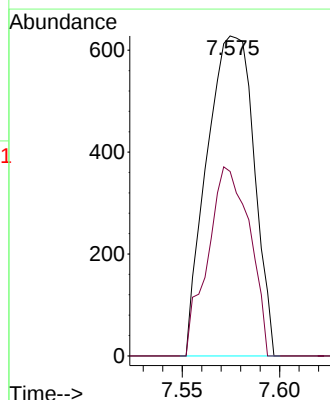
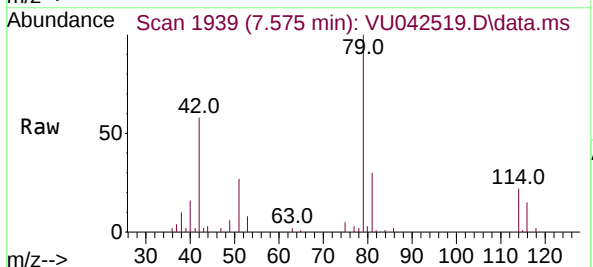
Tgt Ion: 63 Resp: 3985
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

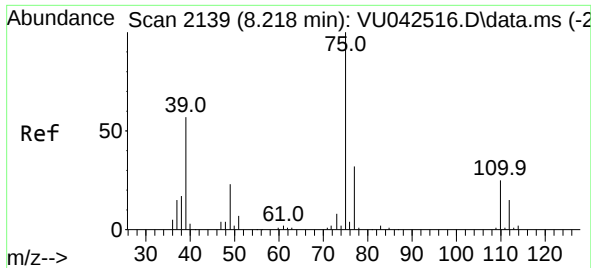


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

Tgt Ion: 75 Resp: 1057
Ion Ratio Lower Upper
75 100
77 57.6 22.0 40.8#

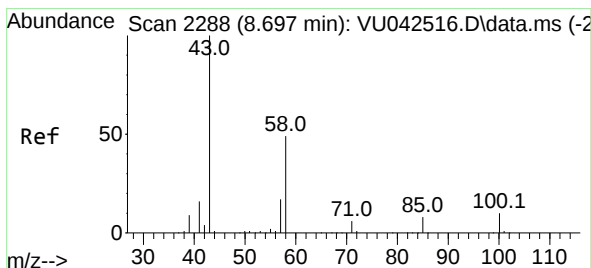
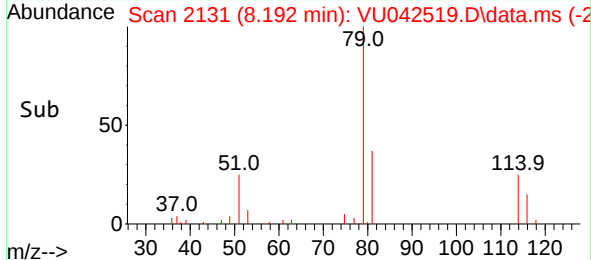
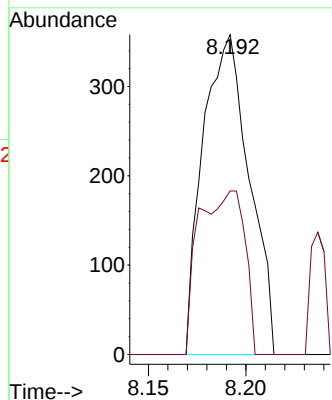
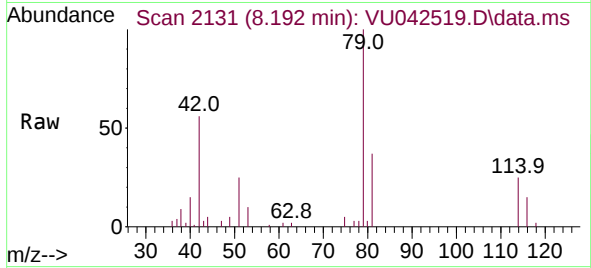




#44
trans-1,3-Dichloropropene
Concen: 0.06 ug/L
RT: 8.192 min Scan# 2131
Delta R.T. -0.026 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

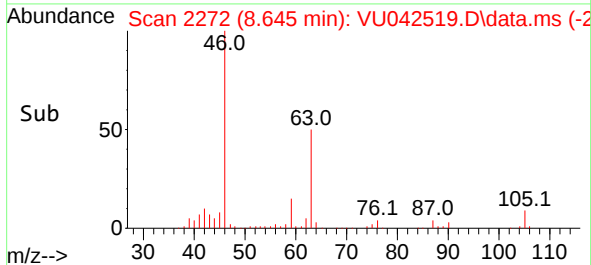
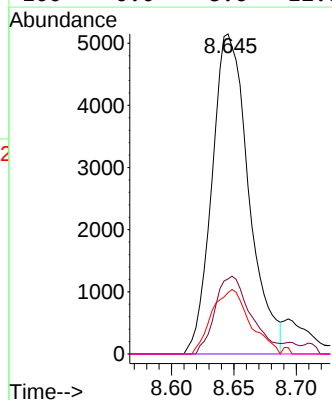
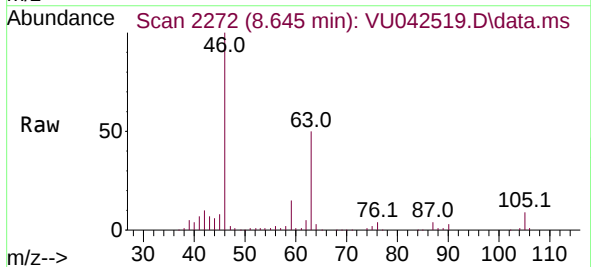
Instrument :
MSVOA_U
ClientSampleId :

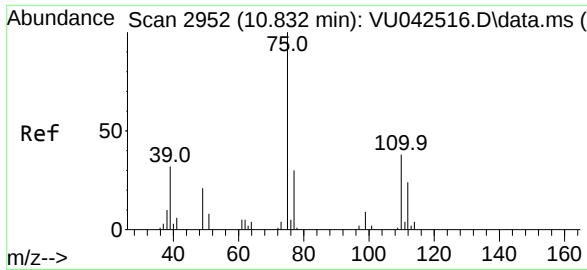
Tgt Ion: 75 Resp: 590
Ion Ratio Lower Upper
75 100
77 51.1 21.8 40.4#



#48
2-Hexanone
Concen: 2.14 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU042519.D
Acq: 08 Mar 2021 11:17

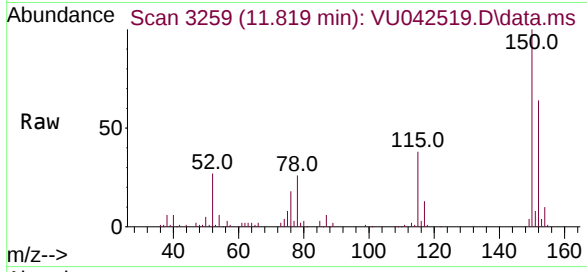
Tgt Ion: 43 Resp: 10564
Ion Ratio Lower Upper
43 100
58 23.9 40.6 61.0#
57 20.9 14.9 22.3
100 0.0 8.6 12.8#





#59
 1,2,3-Trichloropropane
 Concen: 0.92 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.987 min
 Lab File: VU042519.D
 Acq: 08 Mar 2021 11:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5303
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.0 39.0

