

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043933.D
 Acq On : 25 May 2021 01:12
 Operator : SY/MD
 Sample : M2494-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 GB414

Quant Time: May 25 04:15:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	178792	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	183265	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	77729	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	57553	5.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.60%
7) Chloroethane-d5	1.922	69	42636	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.80%
11) 1,1-Dichloroethene-d2	2.575	65	23531	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	4.649	46	138081	43.76	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.52%
24) Chloroform-d	5.073	84	123212	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.713	65	67612	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
32) Benzene-d6	5.739	84	259238	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.700	67	82007	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	7.906	98	215063	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloroprop...	8.185	79	29706	5.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.00%
46) 2-Hexanone-d5	8.645	63	139625	56.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.72%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	74456	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
66) 1,2-Dichlorobenzene-d4	12.198	152	88537	6.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.40%#
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1220	0.10	ug/L	97
12) 1,1-Dichloroethene	2.584	96	3049	0.26	ug/L #	1
13) Acetone	2.658	43	5224	3.14	ug/L	81
29) 1,1,1-Trichloroethane	5.327	97	184850	9.74	ug/L	100
31) Carbon tetrachloride	5.327	117	26185	1.61	ug/L	100
35) Methylcyclohexane	6.700	83	18495	0.98	ug/L #	18
37) 1,2-Dichloropropane	6.700	63	8430	0.64	ug/L #	86
39) cis-1,3-Dichloropropene	7.575	75	1722	0.10	ug/L #	80
42) Toluene	7.976	91	5261	0.10	ug/L	96
47) Tetrachloroethene	8.558	164	36035	3.24	ug/L	98
48) 2-Hexanone	8.648	43	15520	2.81	ug/L #	67
49) Dibromochloromethane	8.558	129	33088	2.84	ug/L #	11
61) 1,2,3-Trichloropropane	11.816	75	8239	1.15	ug/L #	65
70) 1,2,4-trichlorobenzene	13.851	180	933	0.07	ug/L #	81
71) Naphthalene	14.098	128	2511	0.12	ug/L	97
72) 1,2,3-Trichlorobenzene	14.336	180	975	0.08	ug/L	97

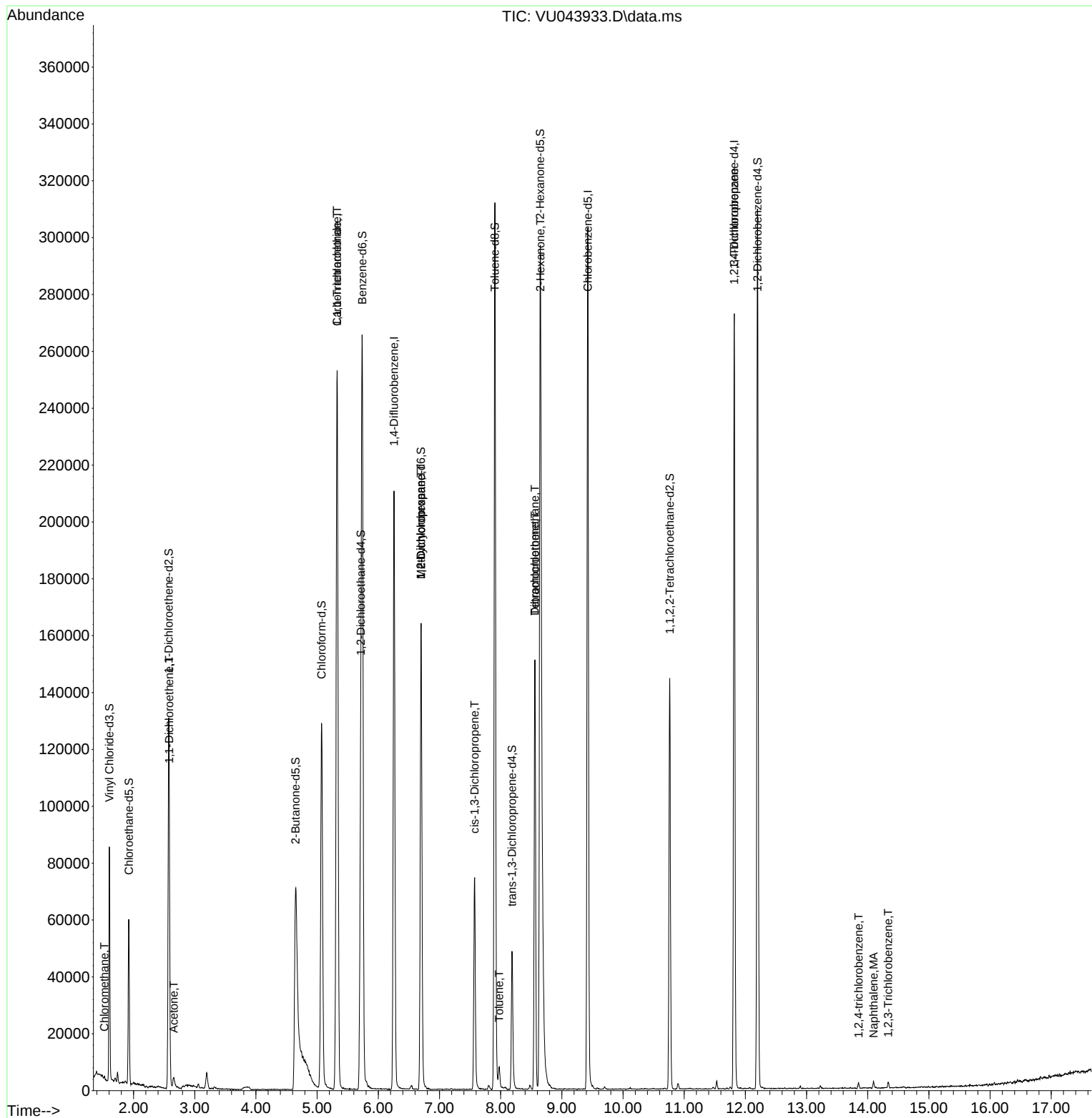
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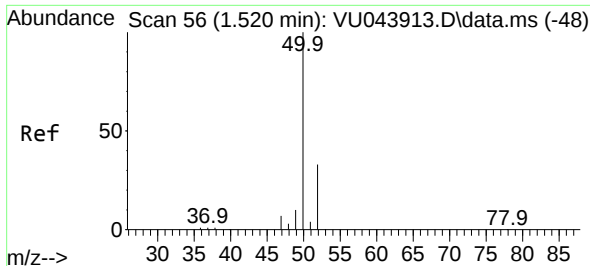
Instrument :
MSVOA_U
ClientSampleId :
GB414

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 04:12:21 2021
Response via : Initial Calibration

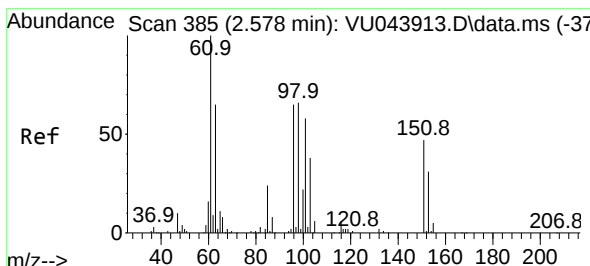
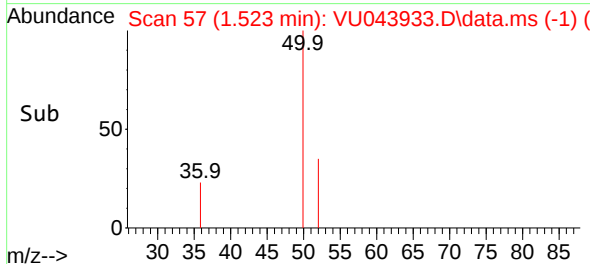
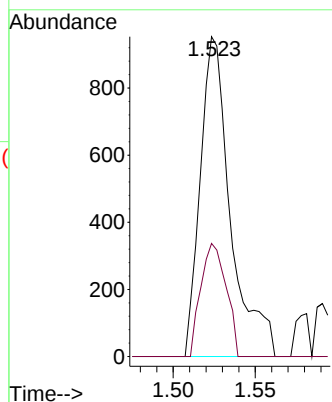
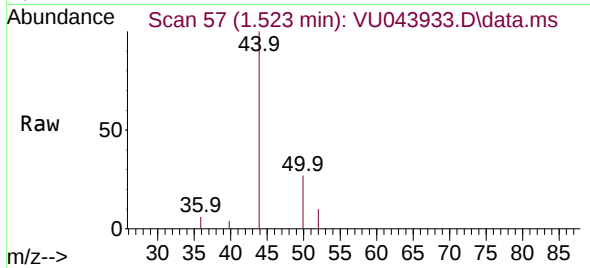




#3
Chloromethane
Concen: 0.10 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

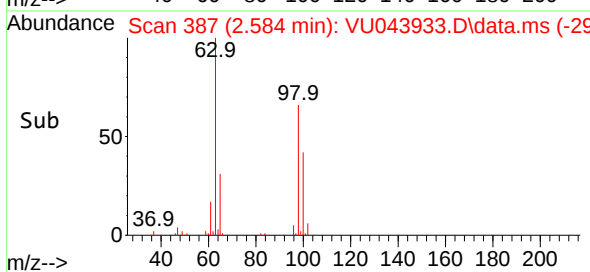
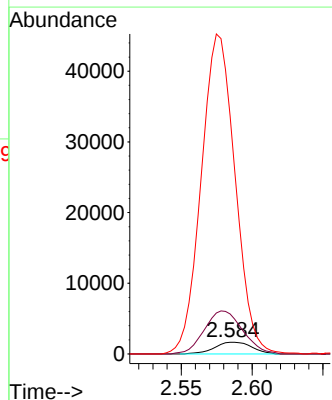
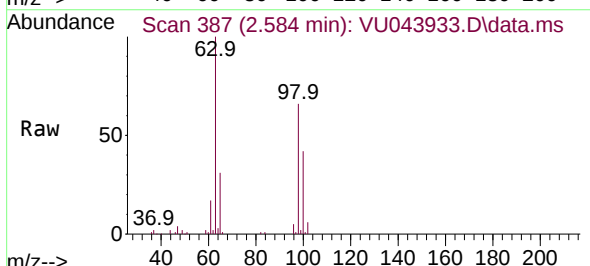
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MSVOA_U
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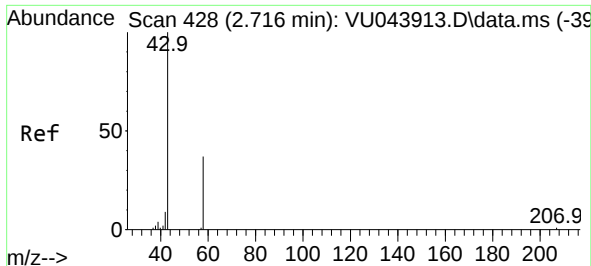
Tgt Ion: 50 Resp: 1220
Ion Ratio Lower Upper
50 100
52 35.4 23.4 43.4



#12
1,1-Dichloroethene
Concen: 0.26 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.006 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

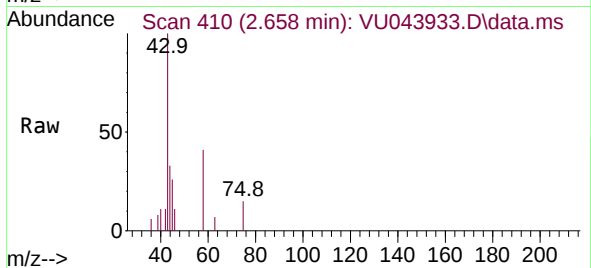
Tgt Ion: 96 Resp: 3049
Ion Ratio Lower Upper
96 100
61 339.8 105.1 195.3#
63 2022.6 66.6 123.6#



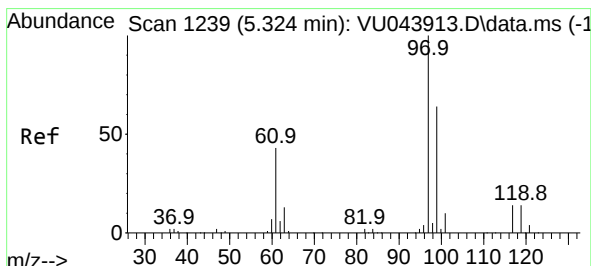
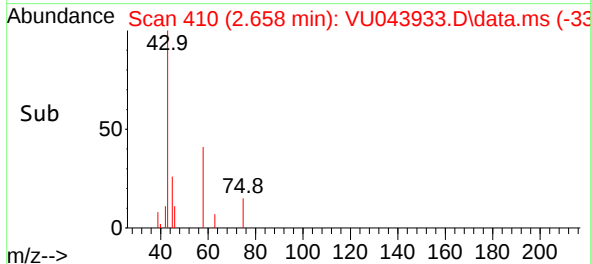
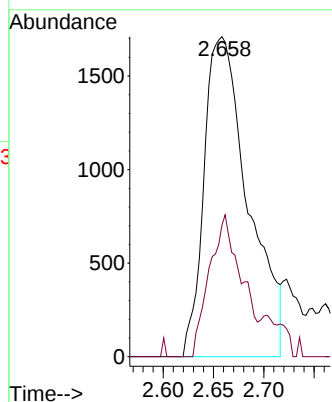


#13
Acetone
Concen: 3.14 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.058 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

Instrument :
MSVOA_U
ClientSampleId :
GB414

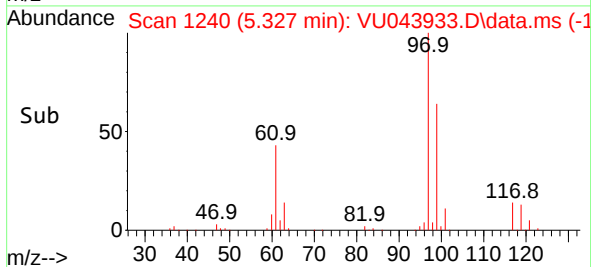
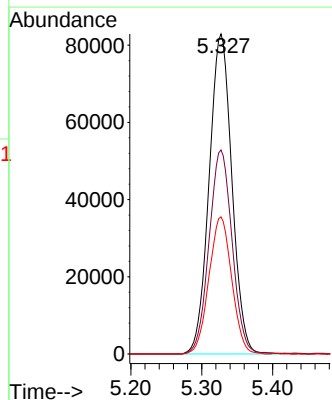
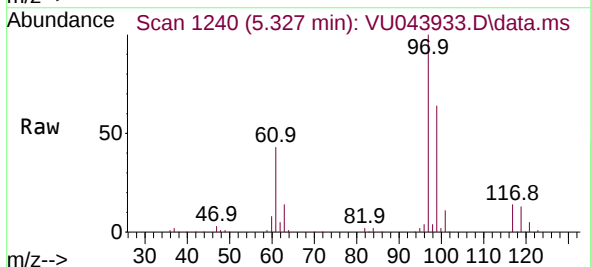


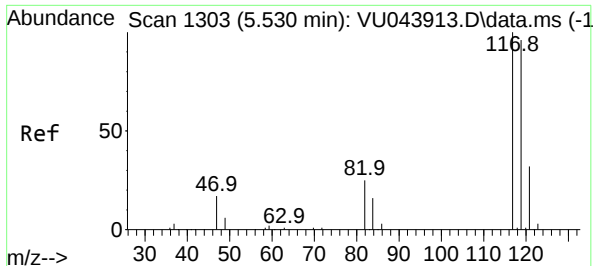
Tgt Ion: 43 Resp: 5224
Ion Ratio Lower Upper
43 100
58 32.1 0.0 46.2



#29
1,1,1-Trichloroethane
Concen: 9.74 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

Tgt Ion: 97 Resp: 184850
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 42.8 34.7 52.1

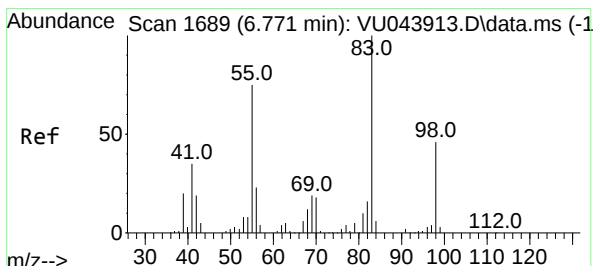
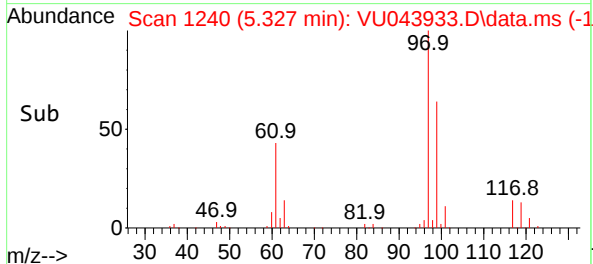
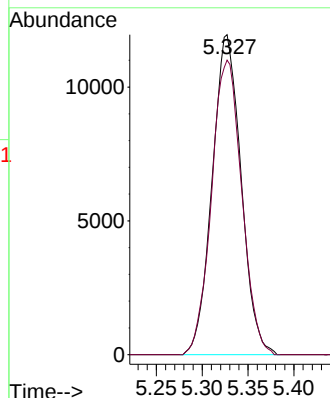
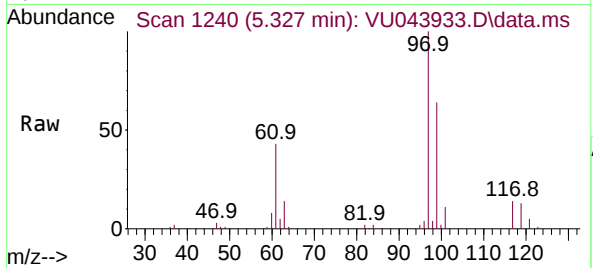




#31
Carbon tetrachloride
Concen: 1.61 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.203 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

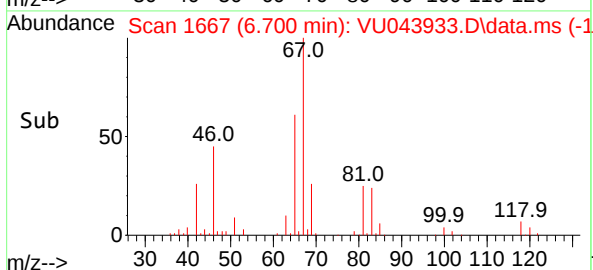
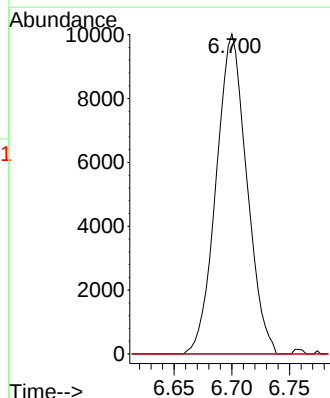
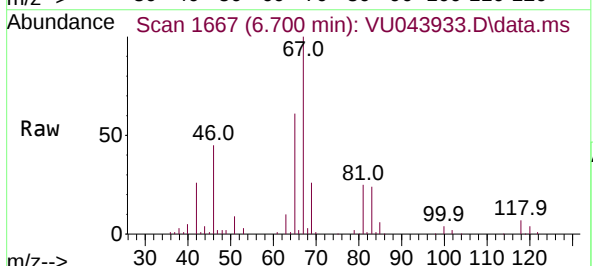
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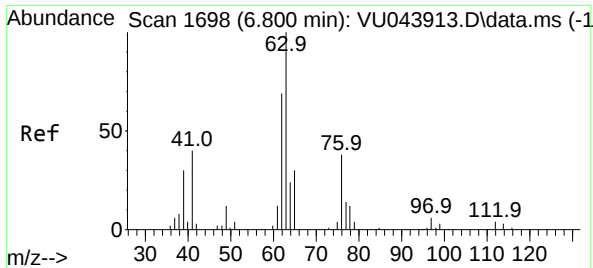
Tgt Ion:117 Resp: 26185
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0



#35
Methylcyclohexane
Concen: 0.98 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

Tgt Ion: 83 Resp: 18495
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.3 37.0 55.4#

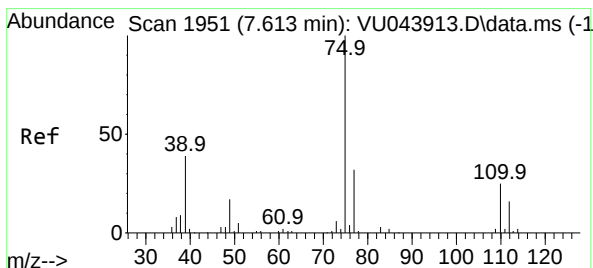
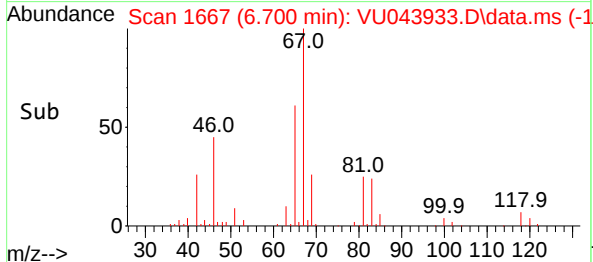
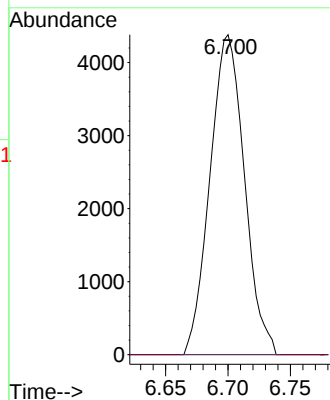
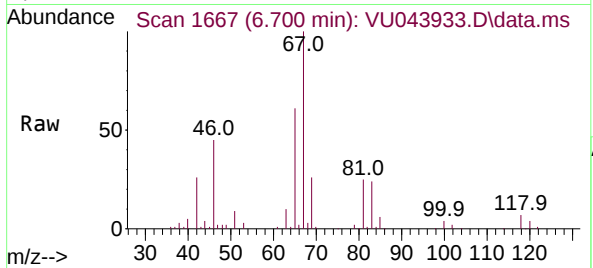




#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

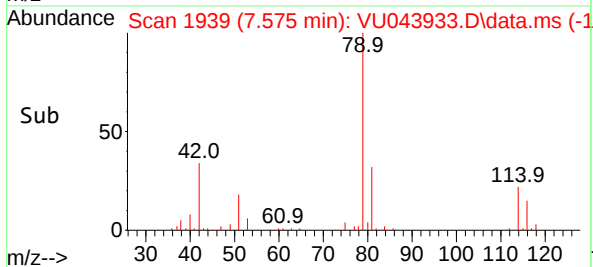
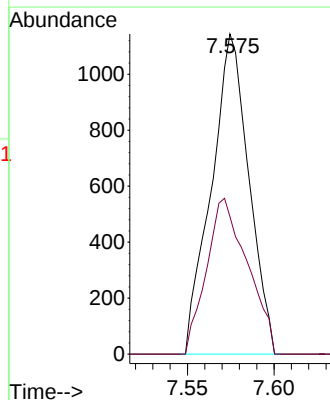
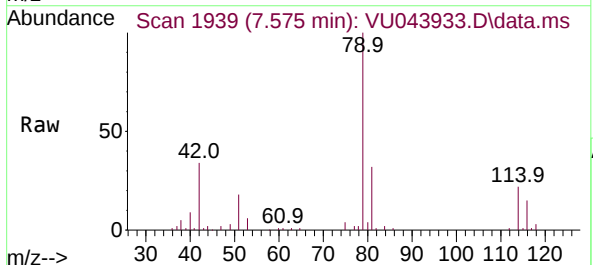
Instrument :
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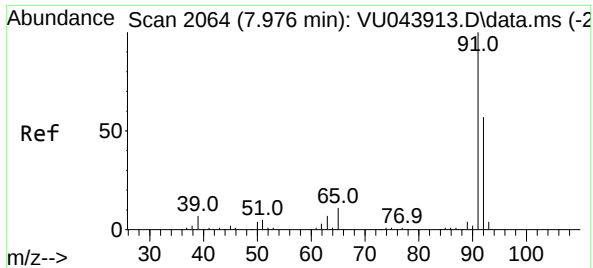
Tgt Ion: 63 Resp: 8430
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

Tgt Ion: 75 Resp: 1722
Ion Ratio Lower Upper
75 100
77 42.9 22.3 41.3#

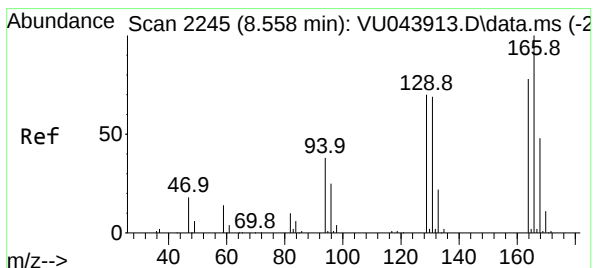
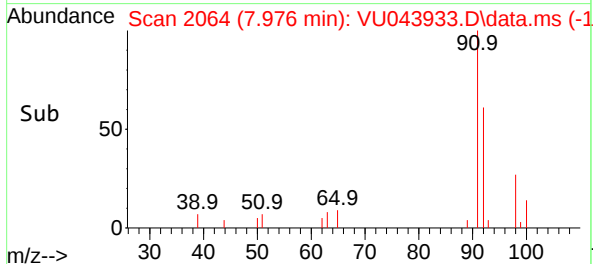
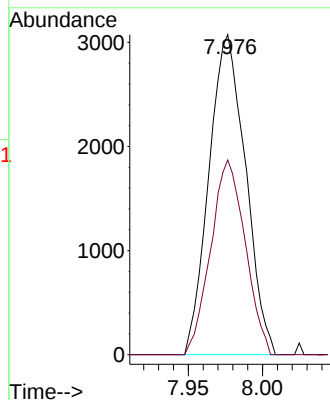
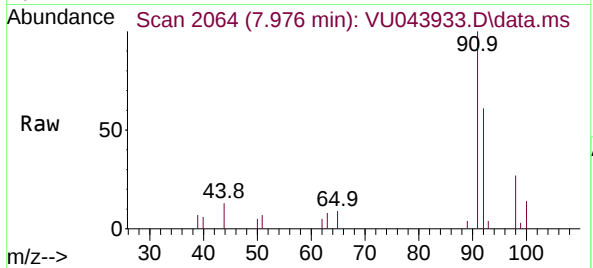




#42
Toluene
Concen: 0.10 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

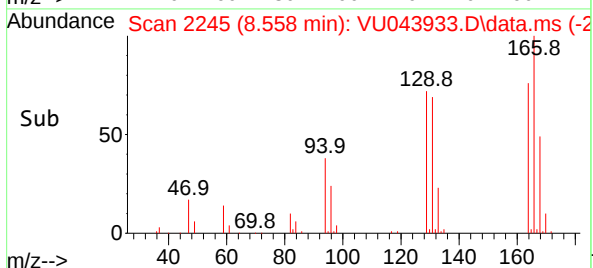
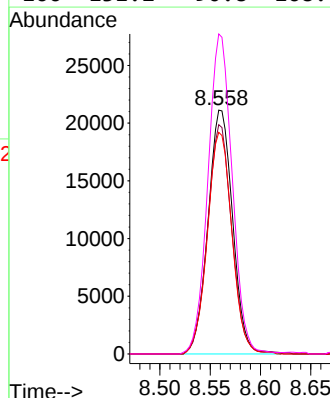
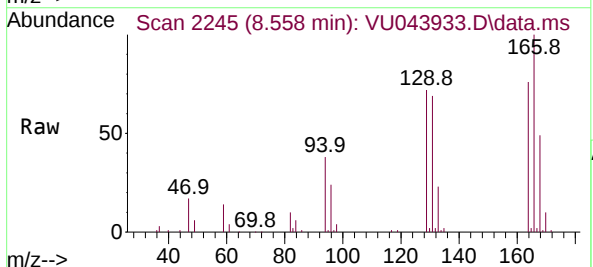
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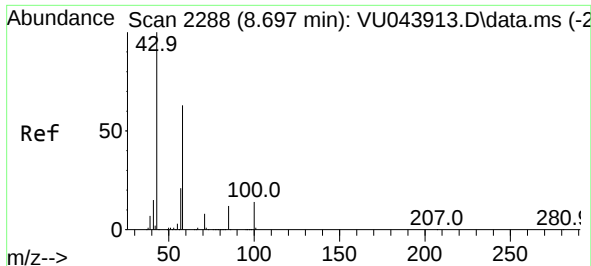
Tgt Ion: 91 Resp: 5261
Ion Ratio Lower Upper
91 100
92 60.9 40.5 75.1



#47
Tetrachloroethene
Concen: 3.24 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

Tgt Ion: 164 Resp: 36035
Ion Ratio Lower Upper
164 100
129 94.0 64.1 119.1
131 90.9 64.5 119.9
166 131.2 90.8 168.6





#48

2-Hexanone

Concen: 2.81 ug/L

RT: 8.648 min Scan# 2273

Delta R.T. -0.048 min

Lab File: VU043933.D

Acq: 25 May 2021 01:12

Tgt Ion: 43 Resp: 15520

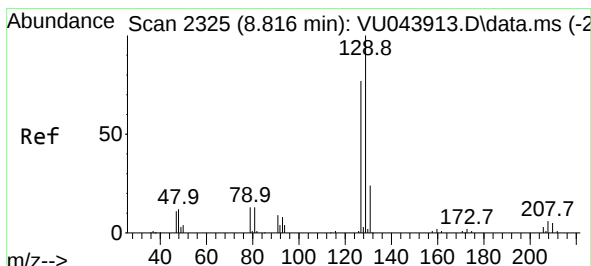
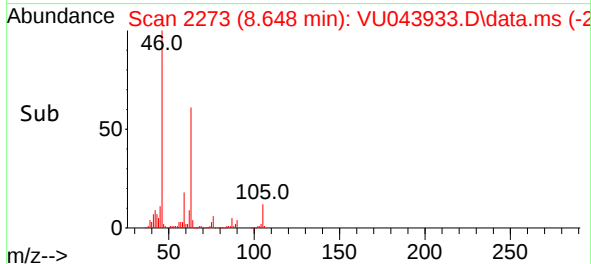
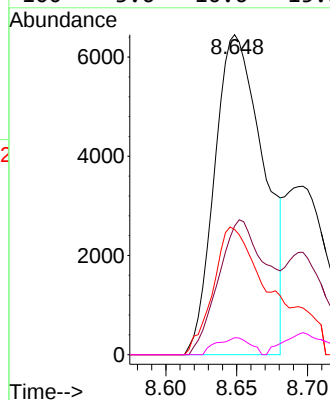
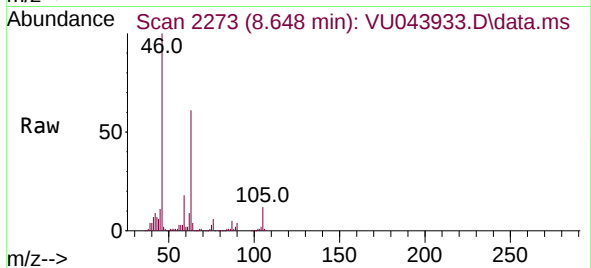
Ion Ratio Lower Upper

43 100

58 42.2 49.4 74.0#

57 48.9 16.8 25.2#

100 3.6 10.6 15.8#



#49

Dibromochloromethane

Concen: 2.84 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU043933.D

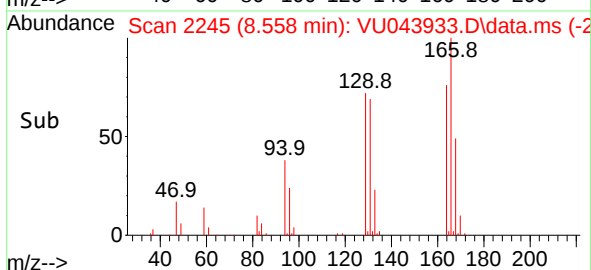
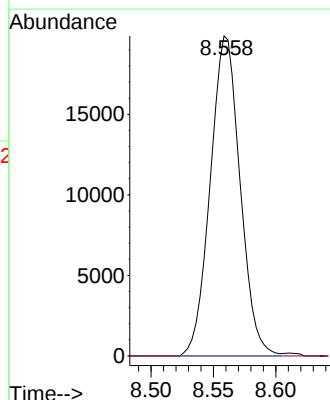
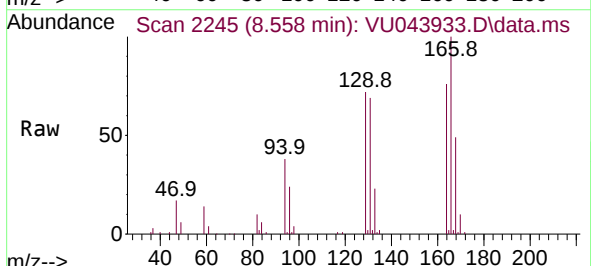
Acq: 25 May 2021 01:12

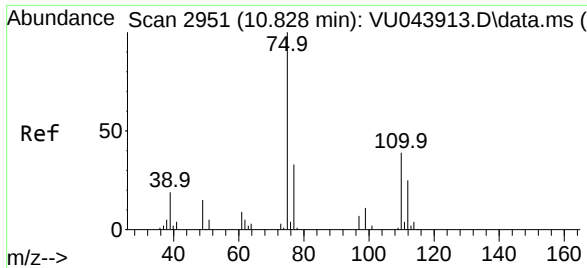
Tgt Ion: 129 Resp: 33088

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#

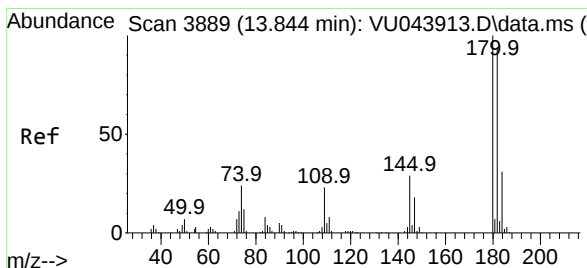
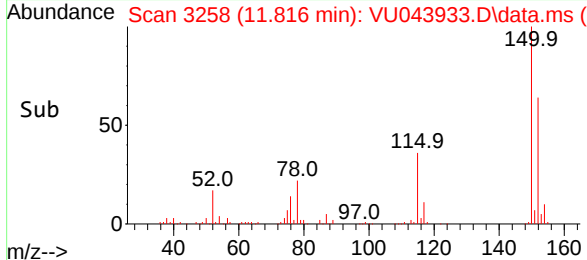
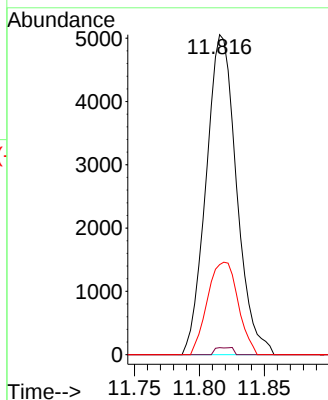
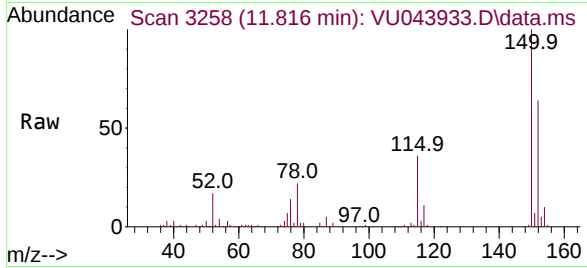




#61
1,2,3-Trichloropropane
Concen: 1.15 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

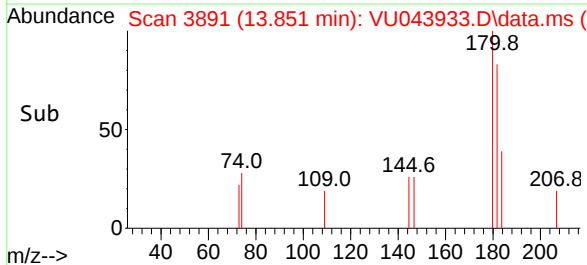
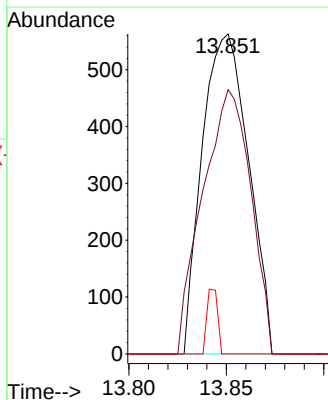
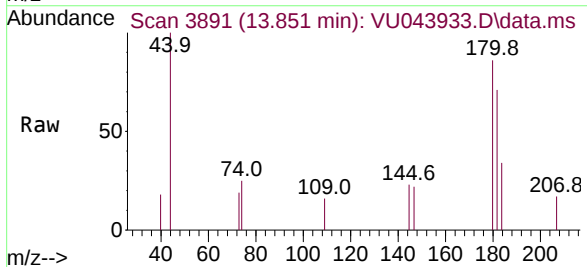
Instrument :
MSVOA_U
ClientSampled :
GB414

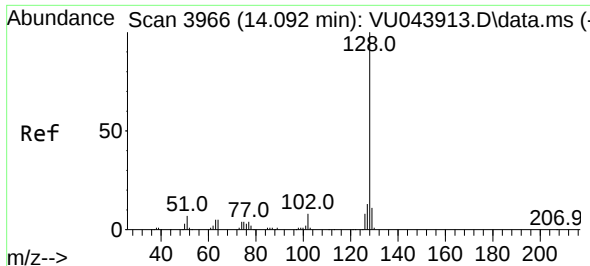
Tgt Ion: 75 Resp: 8239
Ion Ratio Lower Upper
75 100
110 1.3 29.3 43.9#
77 29.0 26.3 39.5



#70
1,2,4-trichlorobenzene
Concen: 0.07 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.006 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

Tgt Ion:180 Resp: 933
Ion Ratio Lower Upper
180 100
182 85.4 76.4 114.6
145 4.7 23.2 34.8#

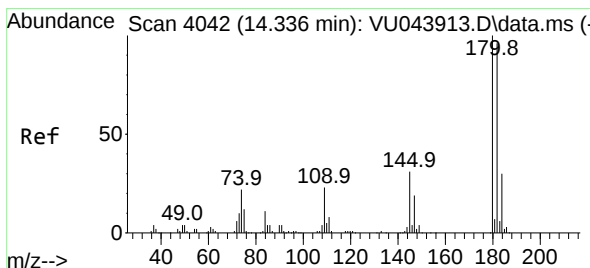
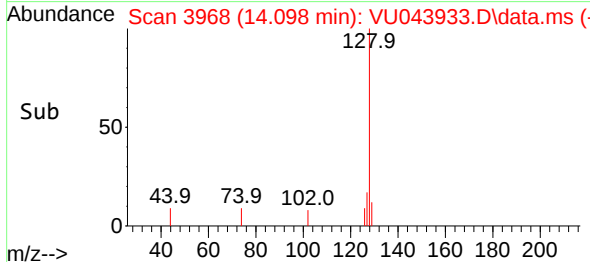
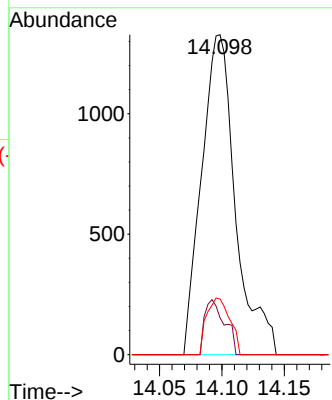
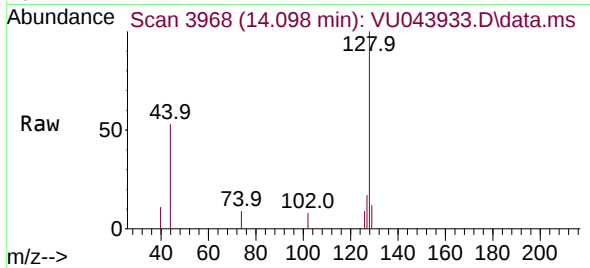




#71
Naphthalene
Concen: 0.12 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

Instrument :
MSVOA_U
ClientSampled :
GB414

Tgt Ion:128 Resp: 2511
Ion Ratio Lower Upper
128 100
129 10.2 8.9 13.3
127 12.1 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 0.08 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043933.D
Acq: 25 May 2021 01:12

Tgt Ion:180 Resp: 975
Ion Ratio Lower Upper
180 100
182 96.1 75.0 112.4
145 26.8 24.1 36.1

