

Data File : VU035707.D
Acq On : 14 Nov 2019 09:20
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05047

Quant Time: Nov 15 00:58:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 14 13:57:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	715578	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	690725	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	323791	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	239406	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.84%
7) Chloroethane-d5	1.93	69	210093	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.04%
11) 1,1-Dichloroethene-d2	2.59	63	400451	44.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.10%
21) 2-Butanone-d5	4.69	46	320915	95.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.06%
24) Chloroform-d	5.11	84	416707	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
26) 1,2-Dichloroethane-d4	5.75	65	251647	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
32) Benzene-d6	5.77	84	873943	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
36) 1,2-Dichloropropane-d6	6.73	67	281511	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.42%
41) Toluene-d8	7.93	98	828260	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%
43) trans-1,3-Dichloropropene-	8.21	79	134855	50.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.28%
47) 2-Hexanone-d5	8.67	63	239690	107.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.11%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	405516	48.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.68%
64) 1,2-Dichlorobenzene-d4	12.22	152	301371	46.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	261525	46.863	ug/L	100
3) Chloromethane	1.54	50	299108	49.180	ug/L	100
5) Vinyl chloride	1.62	62	318098	48.609	ug/L	98
6) Bromomethane	1.87	94	188003	56.719	ug/L	98
8) Chloroethane	1.95	64	187404	49.238	ug/L	99
9) Trichlorofluoromethane	2.16	101	390733	50.405	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	231484	52.016	ug/L	99
12) 1,1-Dichloroethene	2.60	96	218828	50.062	ug/L	91
13) Acetone	2.66	43	360556	121.389	ug/L	100
14) Carbon disulfide	2.82	76	657469	48.820	ug/L	100
15) Methyl Acetate	2.99	43	258133	47.981	ug/L	98
16) Methylene chloride	3.08	84	264006	49.499	ug/L	97
17) trans-1,2-Dichloroethene	3.39	96	231389	50.267	ug/L	98
18) Methyl tert-butyl Ether	3.42	73	719245	51.680	ug/L	99
19) 1,1-Dichloroethane	3.92	63	444283	50.034	ug/L	99
20) cis-1,2-Dichloroethene	4.72	96	266752	51.377	ug/L	95
22) 2-Butanone	4.77	43	428967	109.404	ug/L	97

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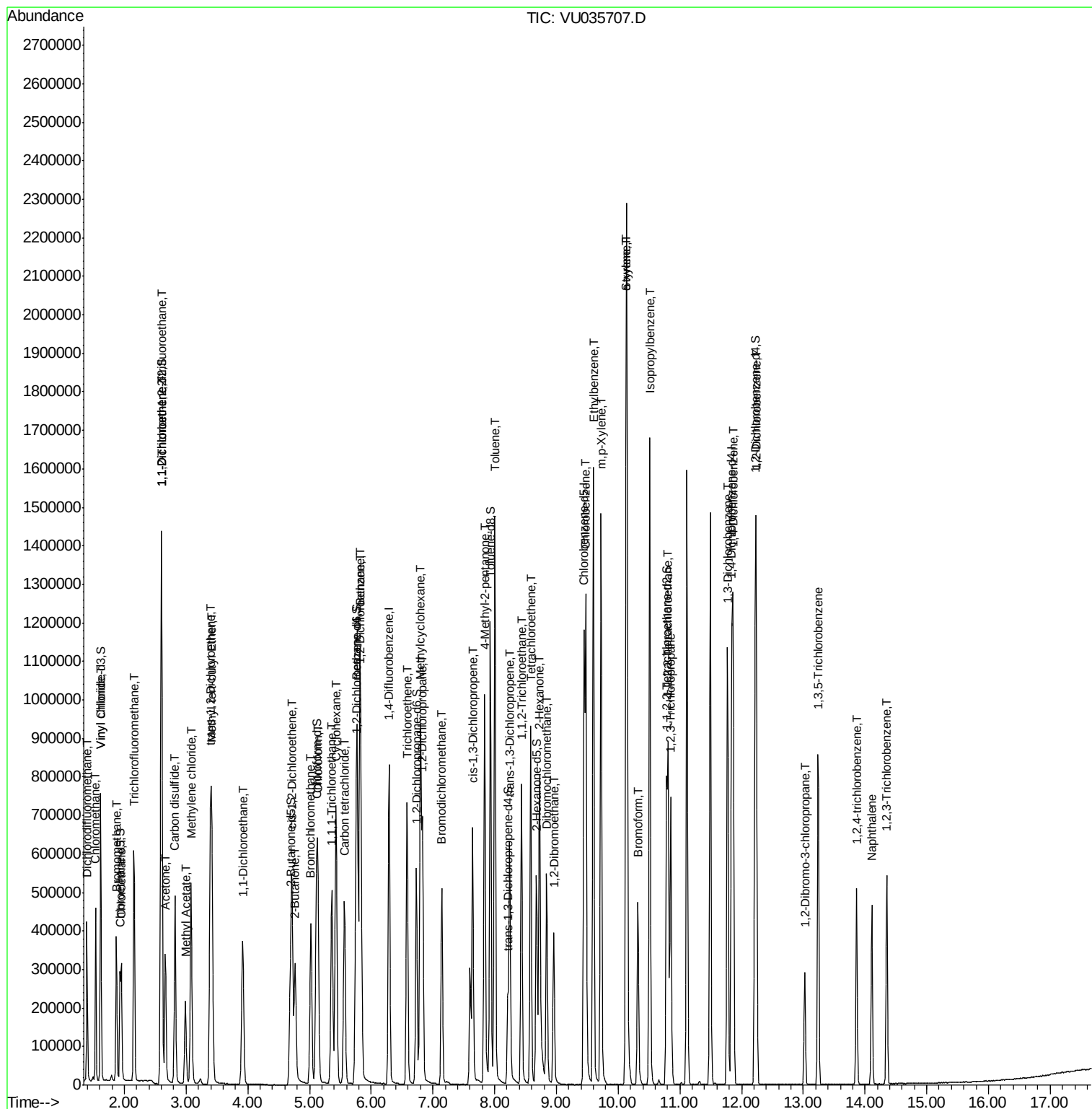
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	141733	51.659	ug/L	95
25) Chloroform	5.14	83	459882	50.995	ug/L	100
27) 1,2-Dichloroethane	5.84	62	328271	49.824	ug/L	99
29) Cyclohexane	5.43	56	372881	52.926	ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	372706	51.338	ug/L	99
31) Carbon tetrachloride	5.57	117	335998	52.050	ug/L	99
33) Benzene	5.82	78	1005111	51.777	ug/L	100
34) Trichloroethene	6.58	95	255672	51.806	ug/L	97
35) Methylcyclohexane	6.80	83	380958	53.151	ug/L	97
37) 1,2-Dichloropropane	6.83	63	266205	51.208	ug/L	100
38) Bromodichloromethane	7.14	83	335356	50.752	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	420022	54.358	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	679221	97.664	ug/L	97
42) Toluene	8.00	91	1100199	54.075	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	377514	53.300	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	258638	51.907	ug/L	98
46) Tetrachloroethene	8.58	164	221695	53.724	ug/L	99
48) 2-Hexanone	8.73	43	522878	92.454	ug/L	99
49) Dibromochloromethane	8.84	129	298121	53.055	ug/L	98
50) 1,2-Dibromoethane	8.96	107	273701	51.484	ug/L	99
51) Chlorobenzene	9.48	112	708330	52.150	ug/L	99
52) Ethylbenzene	9.60	91	1163131	53.475	ug/L	99
53) m,p-Xylene	9.72	106	454311	55.664	ug/L	97
54) o-xylene	10.13	106	445157	55.804	ug/L	100
55) Styrene	10.14	104	734780	55.502	ug/L	98
56) Isopropylbenzene	10.51	105	1116772	55.710	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	436142	50.817	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	337736	49.826	ug/L	100
61) Bromoform	10.32	173	234063	47.384	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	515980	50.514	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	509648	49.115	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	513707	49.400	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	73018	45.287	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	294729	49.944	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	168631	42.659	ug/L	100
69) Naphthalene	14.11	128	377155	37.197	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	179455	42.133	ug/L	99

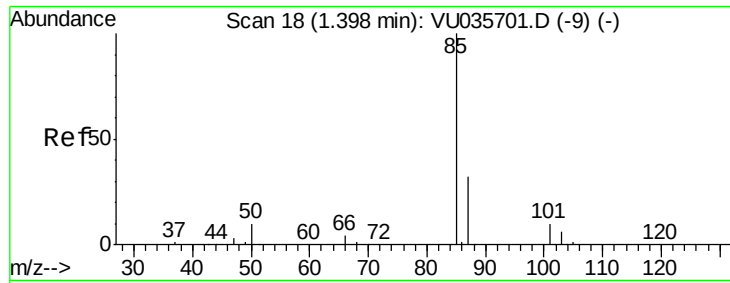
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 46.863 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

Instrument :

MSVOA_U

ClientSampled :

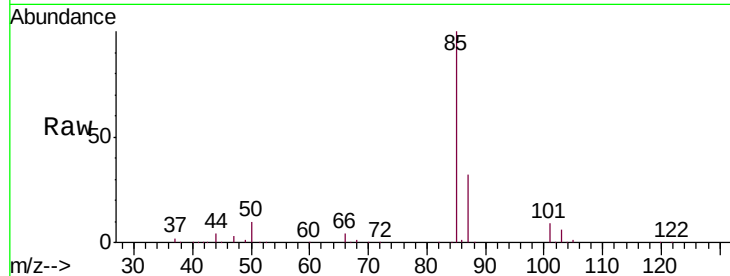
VSTD05047

Tgt Ion: 85 Resp: 261525

Ion Ratio Lower Upper

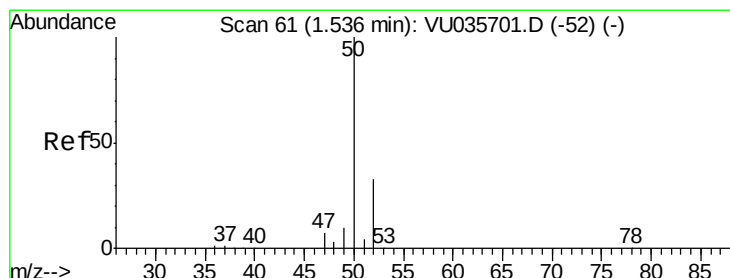
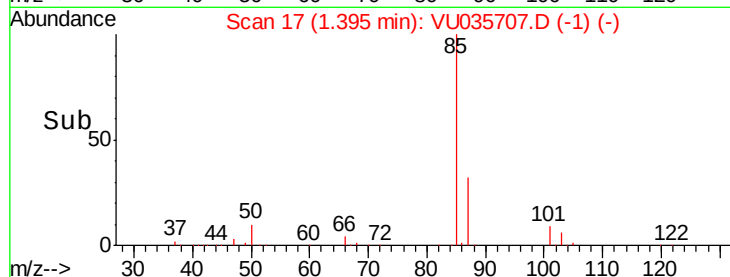
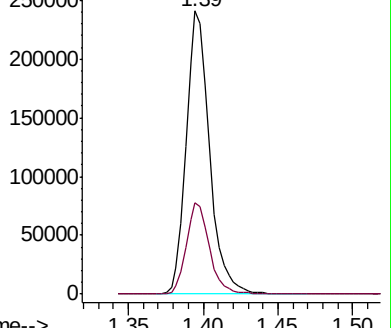
85 100

87 31.9 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VU035707.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU035707.D (-1) (-)



#3

Chloromethane

Concen: 49.180 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU035707.D

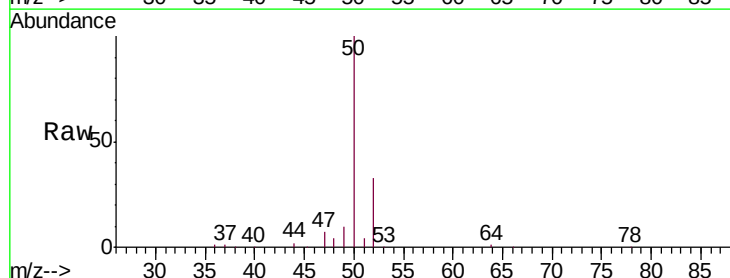
Acq: 14 Nov 2019 09:20

Tgt Ion: 50 Resp: 299108

Ion Ratio Lower Upper

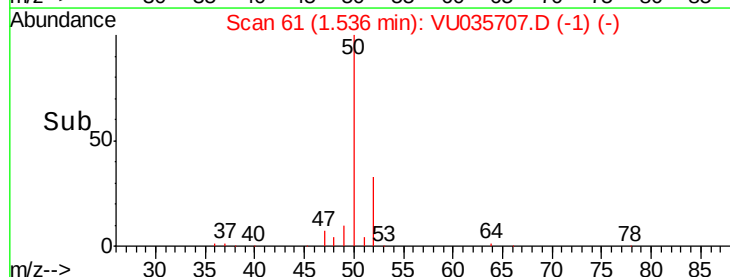
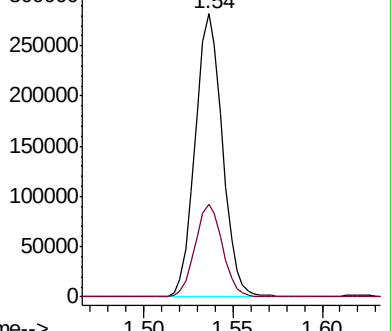
50 100

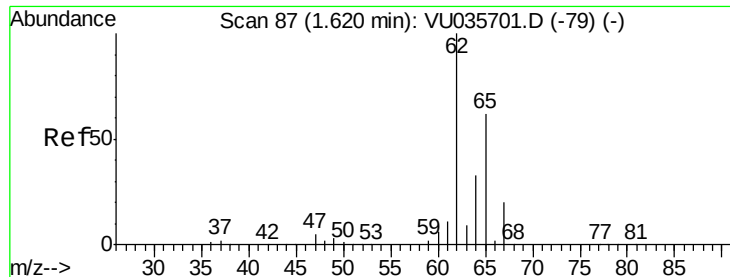
52 32.8 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU035707.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU035707.D (-1) (-)





#5

Vinyl chloride

Concen: 48.609 ug/L

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

Instrument :

MSVOA_U

ClientSampleId :

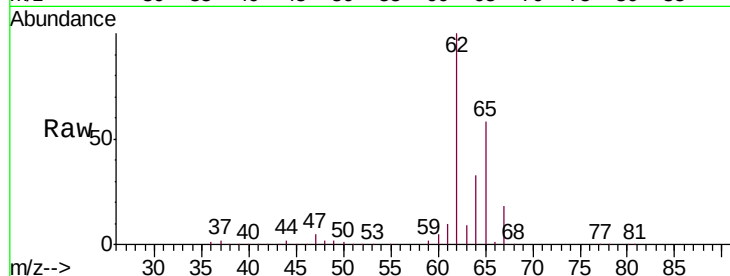
VSTD05047

Tgt Ion: 62 Resp: 318098

Ion Ratio Lower Upper

62 100

64 32.6 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU035707.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU035707.D (-1) (-)

1.62

300000

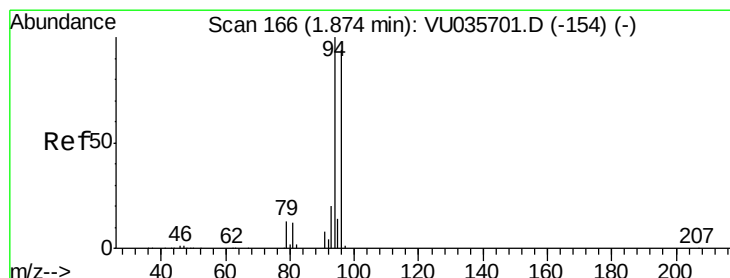
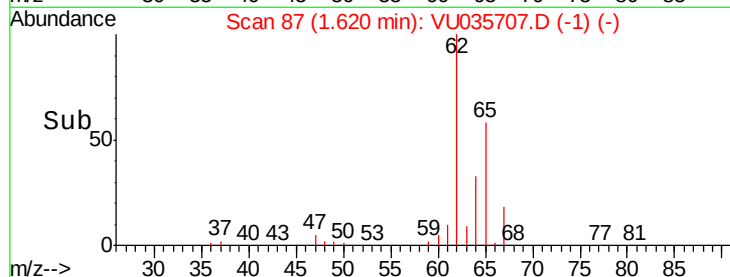
200000

100000

0

Time-->

1.55 1.60 1.65 1.70



#6

Bromomethane

Concen: 56.719 ug/L

RT: 1.87 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU035707.D

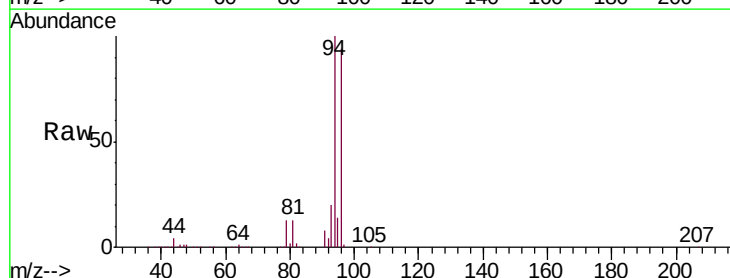
Acq: 14 Nov 2019 09:20

Tgt Ion: 94 Resp: 188003

Ion Ratio Lower Upper

94 100

96 94.5 67.5 125.4



Abundance Ion 94.00 (93.70 to 94.70): VU035707.D (-73) (-)

Ion 96.00 (95.70 to 96.70): VU035707.D (-73) (-)

1.87

150000

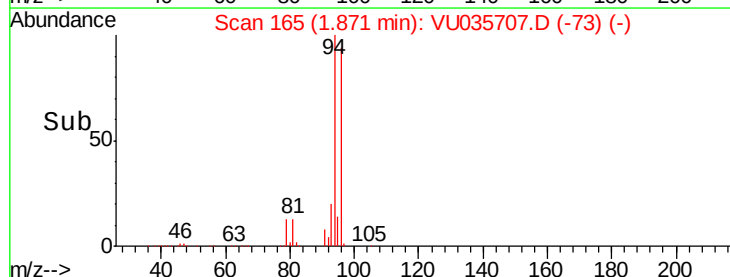
100000

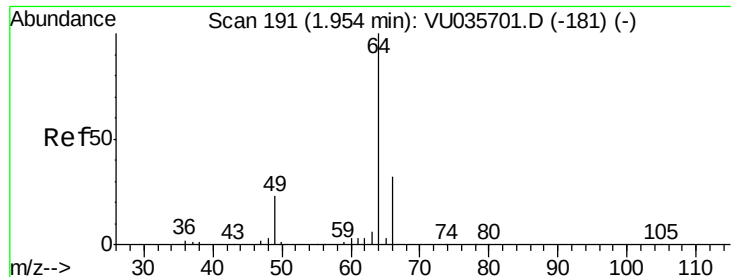
50000

0

Time-->

1.80 1.85 1.90 1.95





#8

Chloroethane

Concen: 49.238 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

Instrument :

MSVOA_U

ClientSampleId :

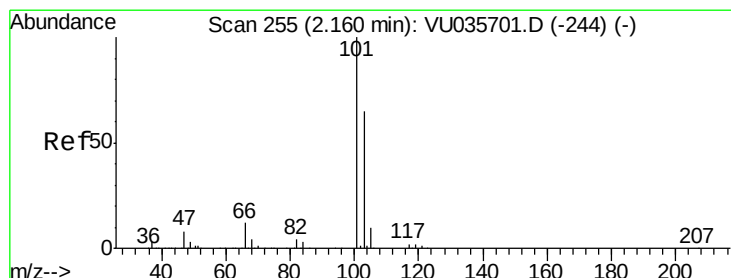
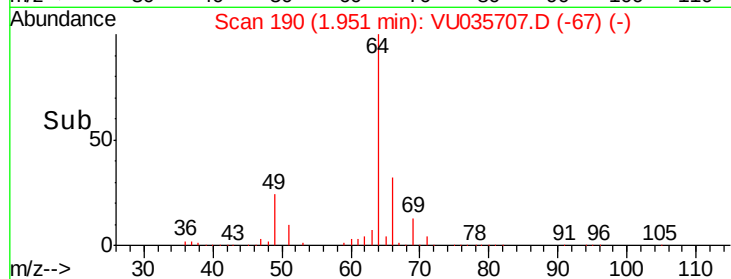
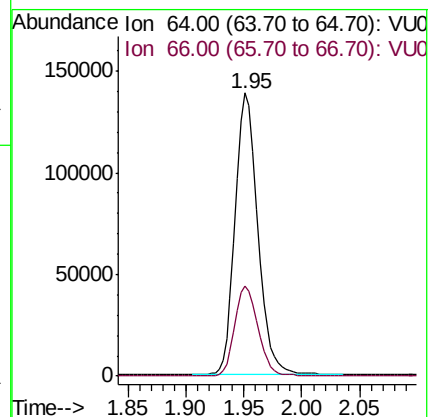
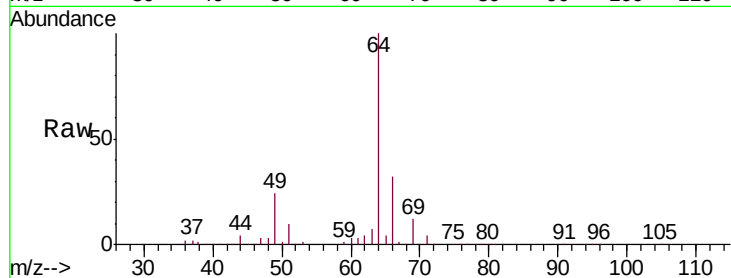
VSTD05047

Tgt Ion: 64 Resp: 187404

Ion Ratio Lower Upper

64 100

66 32.0 22.8 42.4



#9

Trichlorofluoromethane

Concen: 50.405 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU035707.D

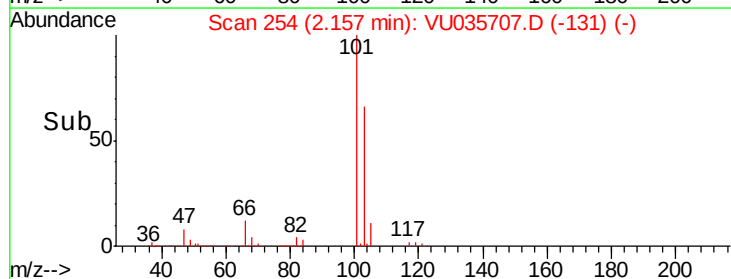
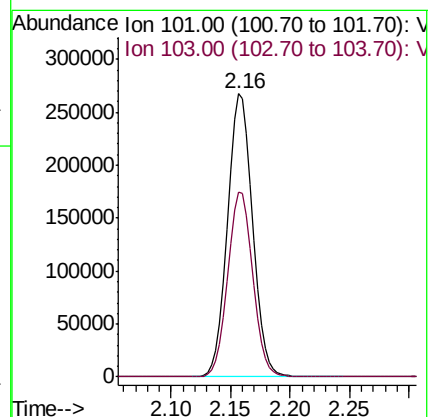
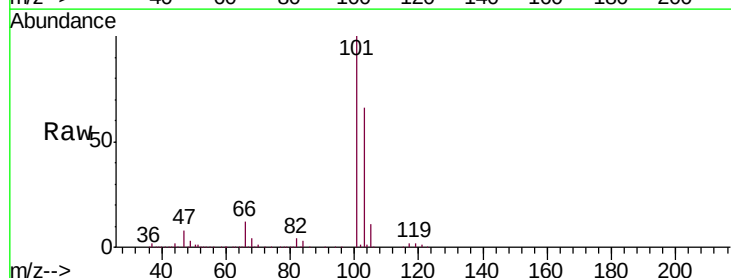
Acq: 14 Nov 2019 09:20

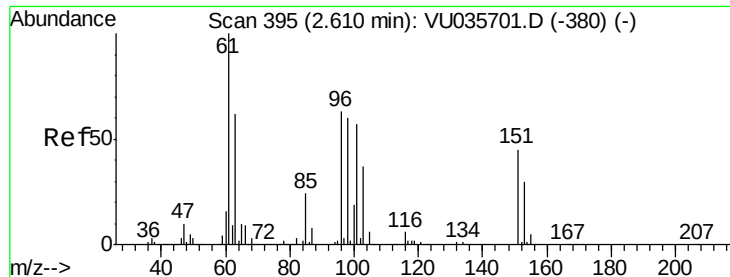
Tgt Ion: 101 Resp: 390733

Ion Ratio Lower Upper

101 100

103 65.6 51.8 77.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 52.016 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTD05047

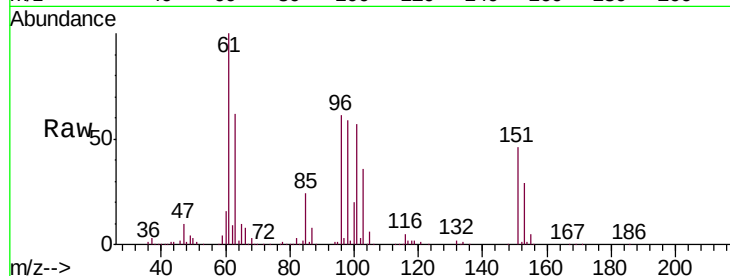
Tgt Ion:101 Resp: 231484

Ion Ratio Lower Upper

101 100

85 42.2 34.0 51.0

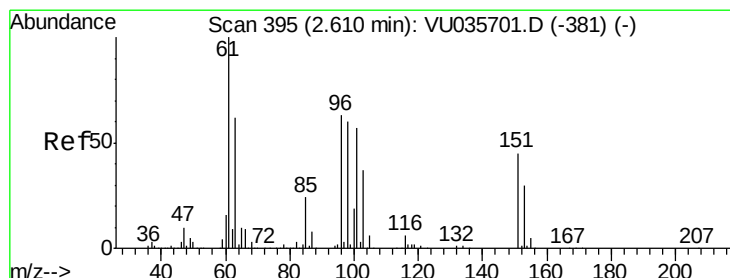
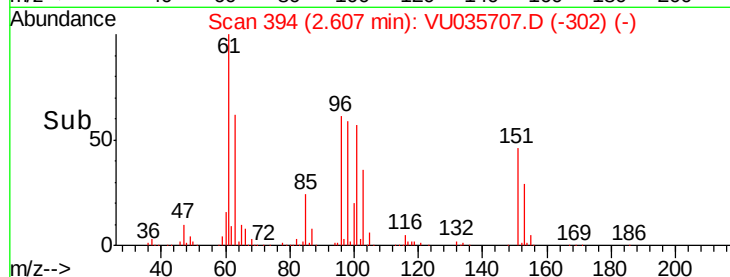
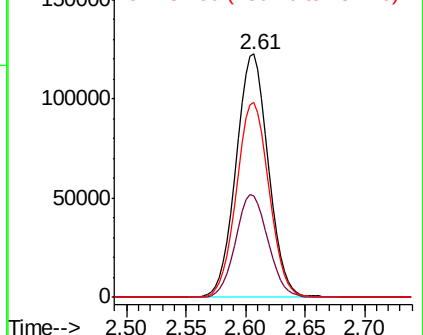
151 80.8 64.2 96.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 50.062 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.01 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

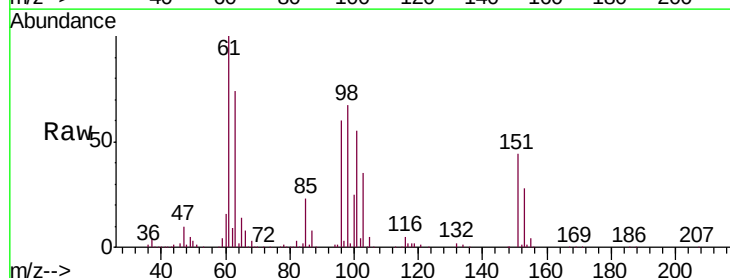
Tgt Ion: 96 Resp: 218828

Ion Ratio Lower Upper

96 100

61 167.8 113.1 210.1

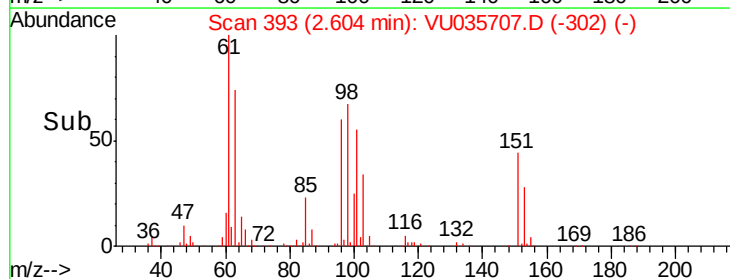
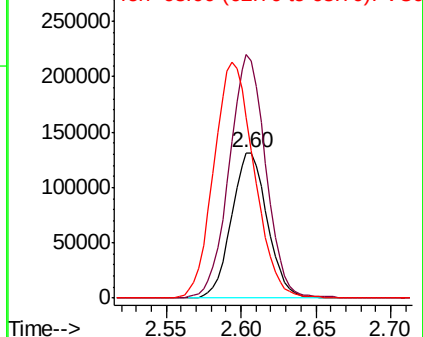
63 124.5 76.2 141.4

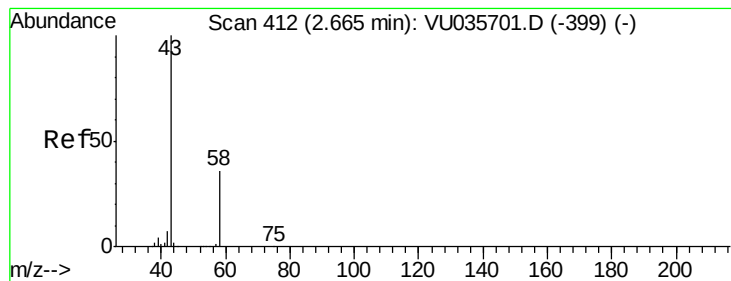


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 121.389 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

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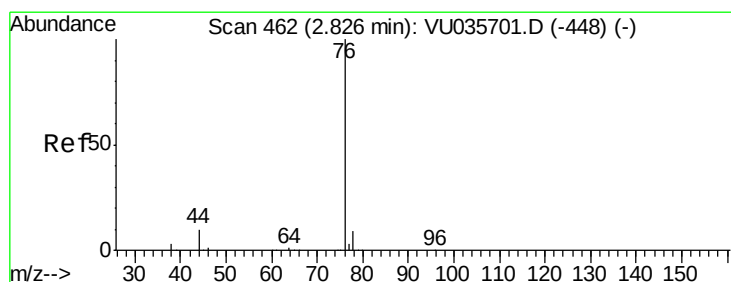
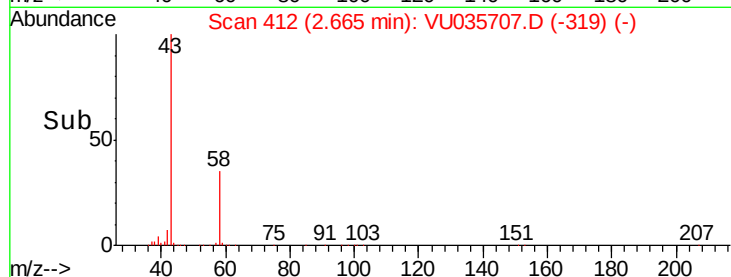
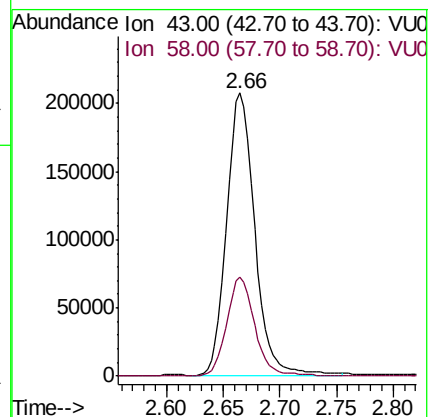
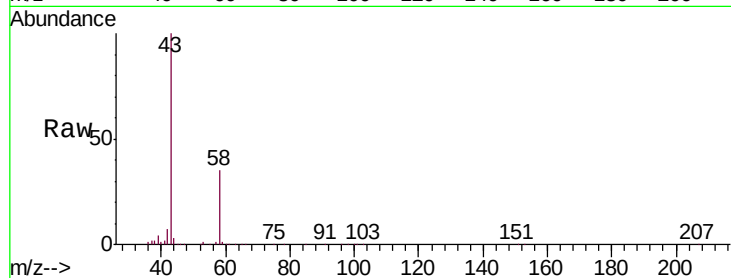
VSTD05047

Tgt Ion: 43 Resp: 360556

Ion Ratio Lower Upper

43 100

58 34.8 0.0 70.0



#14

Carbon disulfide

Concen: 48.820 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035707.D

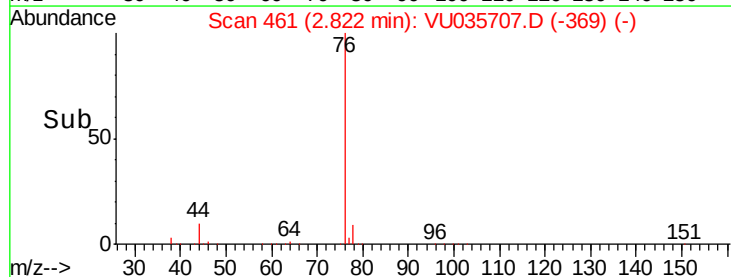
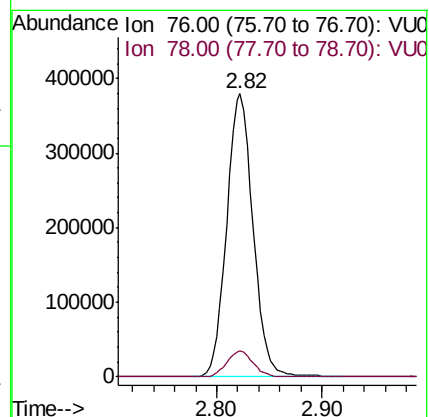
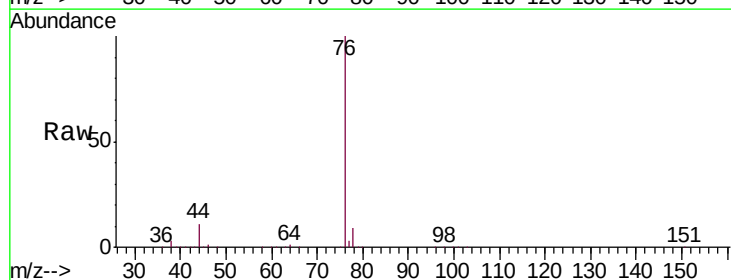
Acq: 14 Nov 2019 09:20

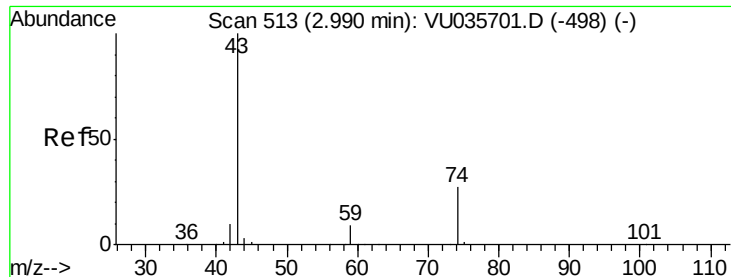
Tgt Ion: 76 Resp: 657469

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

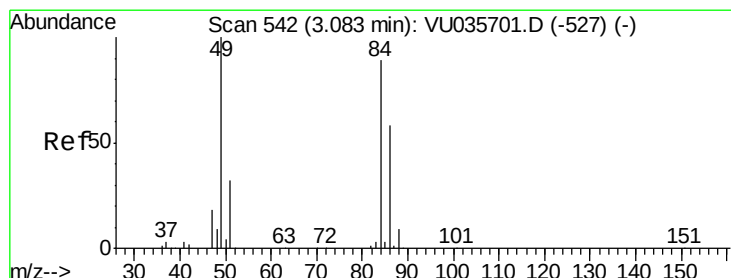
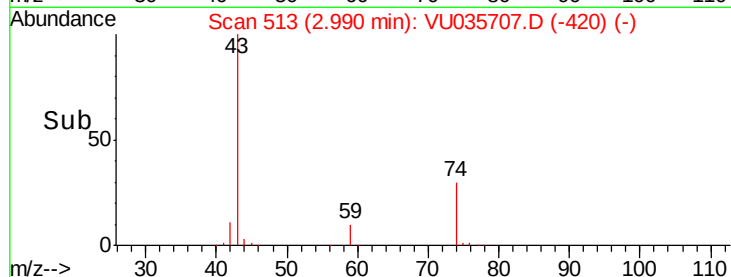
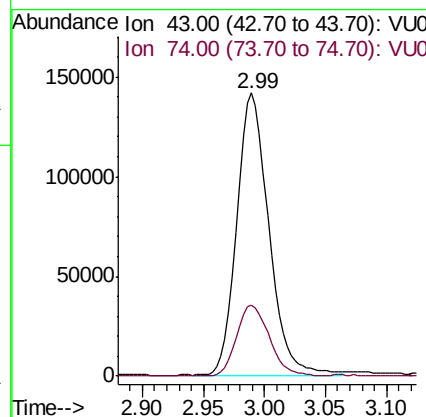
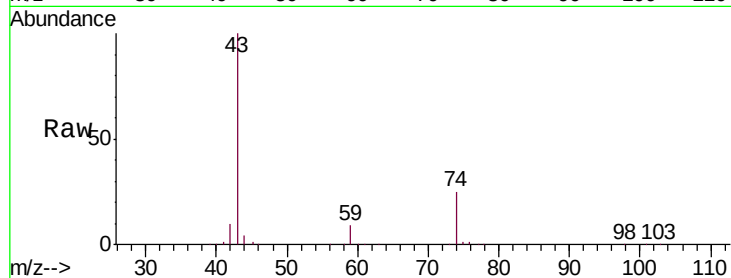




#15
Methyl Acetate
Concen: 47.981 ug/L
RT: 2.99 min Scan# 513
Delta R.T. -0.00 min
Lab File: VU035707.D
Acq: 14 Nov 2019 09:20

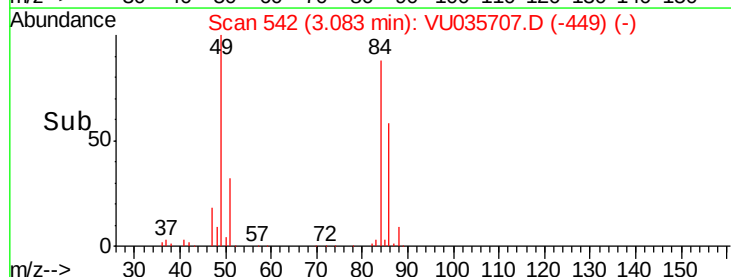
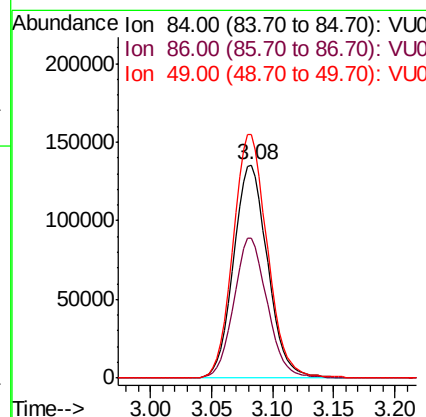
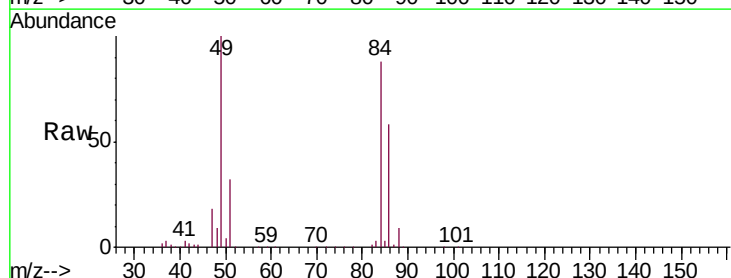
Instrument :
MSVOA_U
ClientSampleId :
VSTD05047

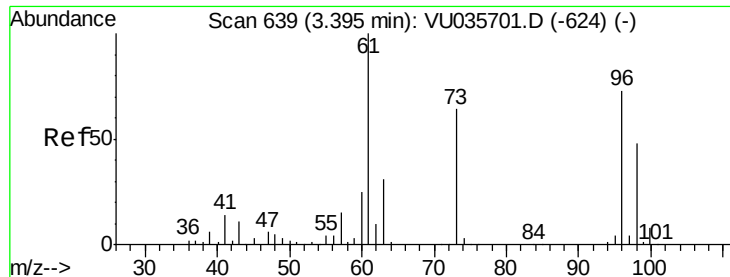
Tgt Ion: 43 Resp: 258133
Ion Ratio Lower Upper
43 100
74 25.9 19.8 29.6



#16
Methylene chloride
Concen: 49.499 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035707.D
Acq: 14 Nov 2019 09:20

Tgt Ion: 84 Resp: 264006
Ion Ratio Lower Upper
84 100
86 65.7 45.1 83.7
49 113.9 82.7 153.5





#17

trans-1,2-Dichloroethene

Concen: 50.267 ug/L

RT: 3.39 min Scan# 638

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTD05047

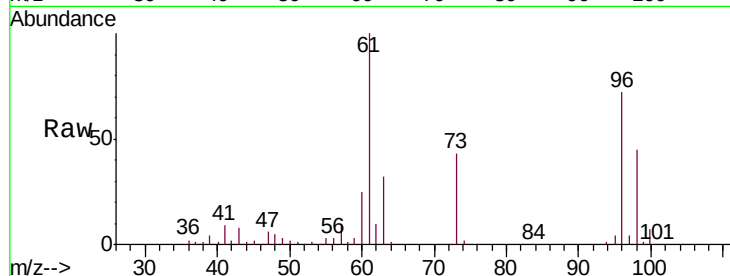
Tgt Ion: 96 Resp: 231389

Ion Ratio Lower Upper

96 100

61 139.5 95.3 176.9

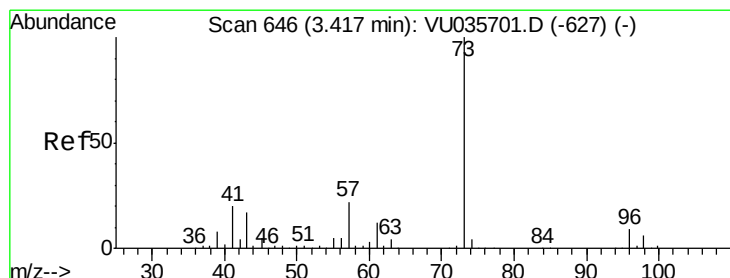
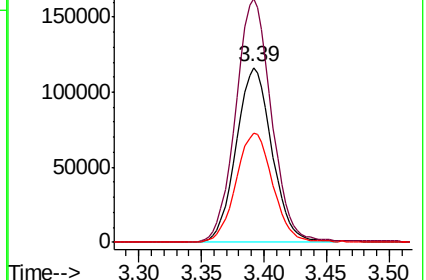
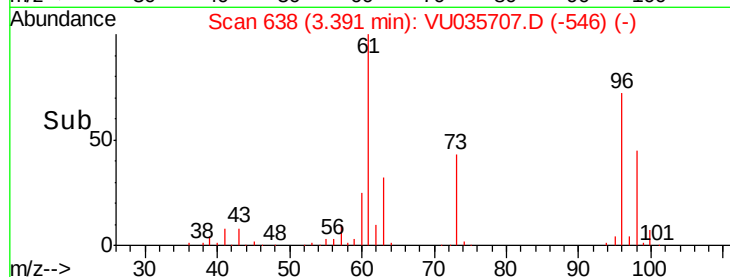
98 62.6 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VU035707.D (-546) (-)

Ion 61.00 (60.70 to 61.70): VU035707.D (-546) (-)

Ion 98.00 (97.70 to 98.70): VU035707.D (-546) (-)



#18

Methyl tert-butyl Ether

Concen: 51.680 ug/L

RT: 3.42 min Scan# 646

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

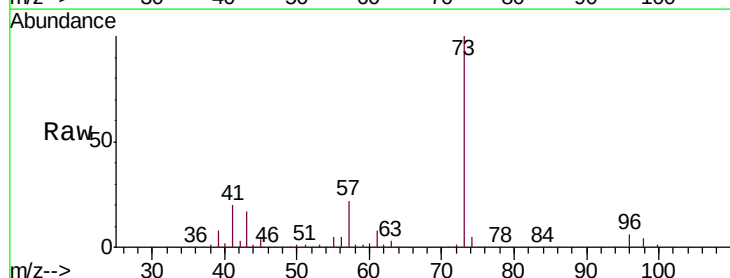
Tgt Ion: 73 Resp: 719245

Ion Ratio Lower Upper

73 100

43 17.1 14.2 21.2

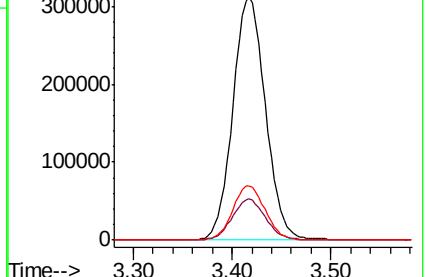
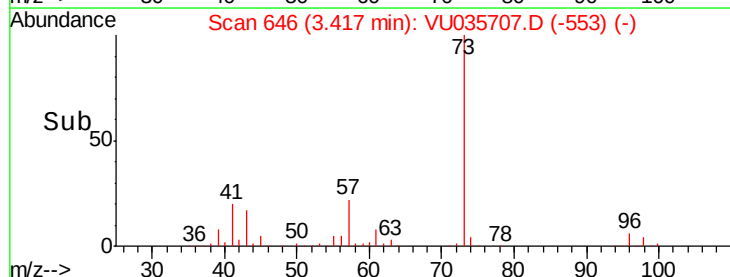
57 22.2 18.3 27.5

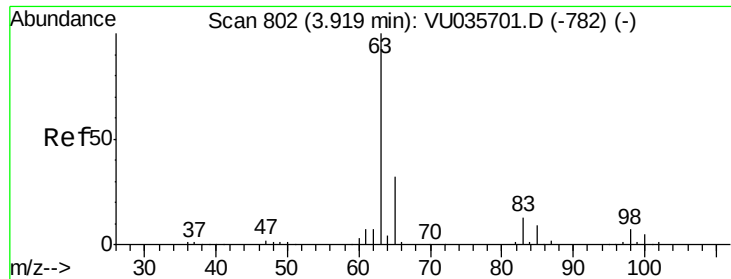


Abundance Ion 73.00 (72.70 to 73.70): VU035707.D (-553) (-)

Ion 43.00 (42.70 to 43.70): VU035707.D (-553) (-)

Ion 57.00 (56.70 to 57.70): VU035707.D (-553) (-)





#19

1,1-Dichloroethane

Concen: 50.034 ug/L

RT: 3.92 min Scan# 802

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTD05047

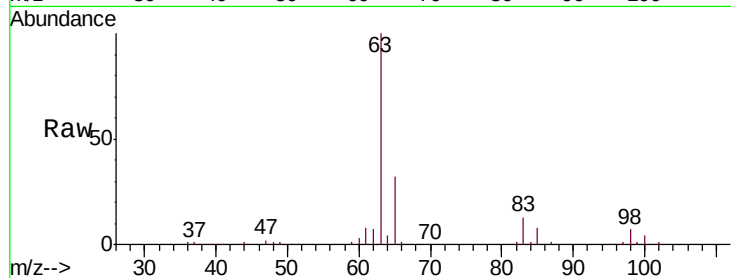
Tgt Ion: 63 Resp: 444283

Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

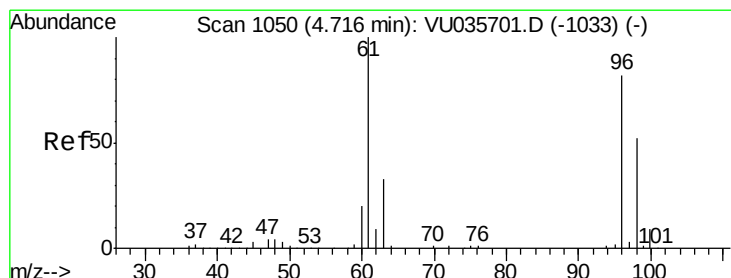
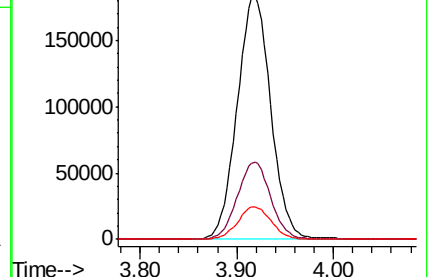
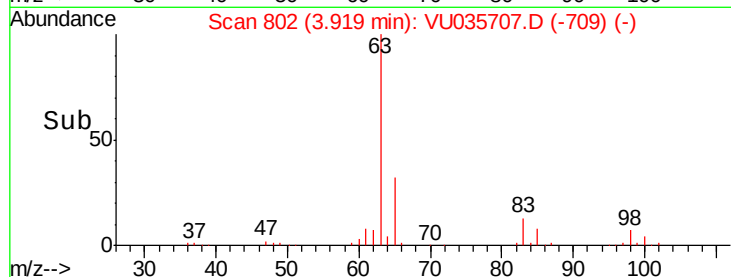
83 13.5 9.1 16.9



Abundance Ion 63.00 (62.70 to 63.70): VU035707.D (-782) (-)

Ion 65.00 (64.70 to 65.70): VU035707.D (-782) (-)

Ion 83.00 (82.70 to 83.70): VU035707.D (-782) (-)



#20

cis-1,2-Dichloroethene

Concen: 51.377 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

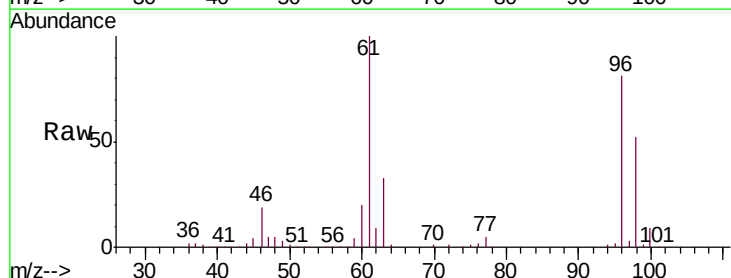
Tgt Ion: 96 Resp: 266752

Ion Ratio Lower Upper

96 100

61 123.6 90.6 168.3

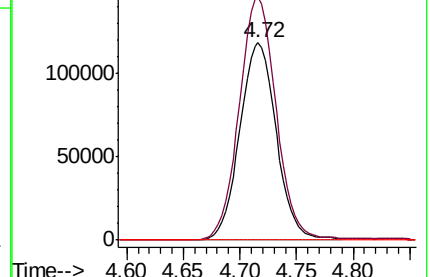
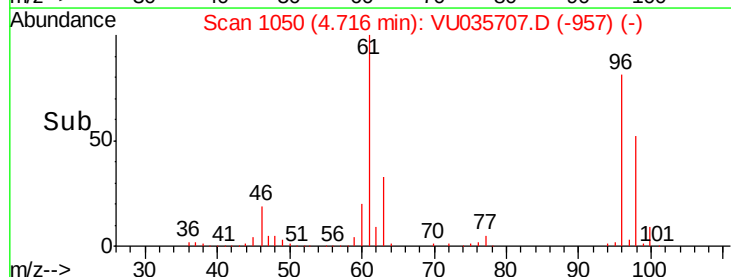
68 0.0 0.0 0.0

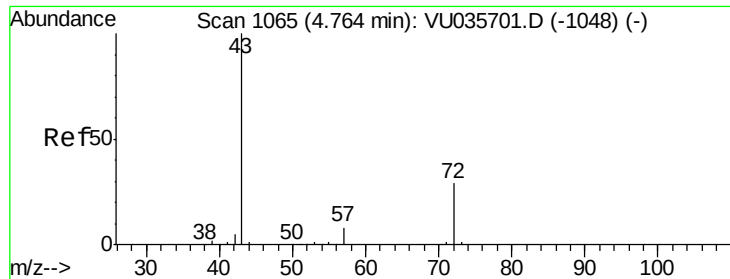


Abundance Ion 96.00 (95.70 to 96.70): VU035707.D (-957) (-)

Ion 61.00 (60.70 to 61.70): VU035707.D (-957) (-)

Ion 68.00 (67.70 to 68.70): VU035707.D (-957) (-)





#22

2-Butanone

Concen: 109.404 ug/L

RT: 4.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

Instrument :

MSVOA_U

ClientSampleId :

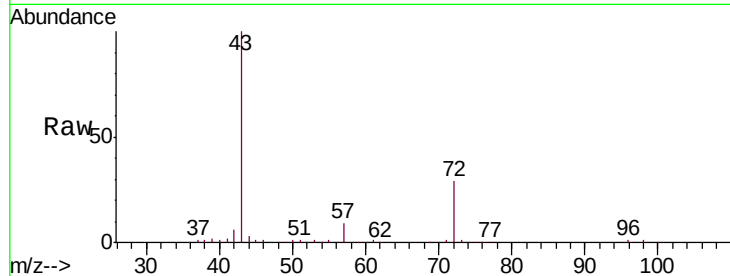
VSTD05047

Tgt Ion: 43 Resp: 428967

Ion Ratio Lower Upper

43 100

72 28.6 13.5 40.4



Abundance Ion 43.00 (42.70 to 43.70): VU035707.D (-1065) (-)

Ion 72.00 (71.70 to 72.70): VU035707.D (-1065) (-)

4.77

200000

150000

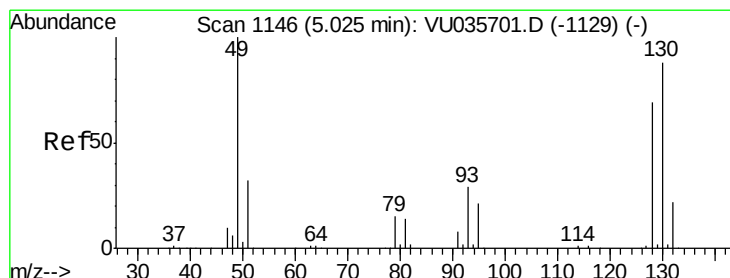
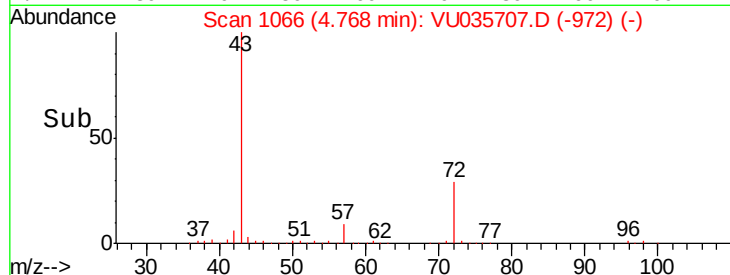
100000

50000

0

4.70 4.80 4.90

Time-->



#23

Bromochloromethane

Concen: 51.659 ug/L

RT: 5.02 min Scan# 1145

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

Tgt Ion: 128 Resp: 141733

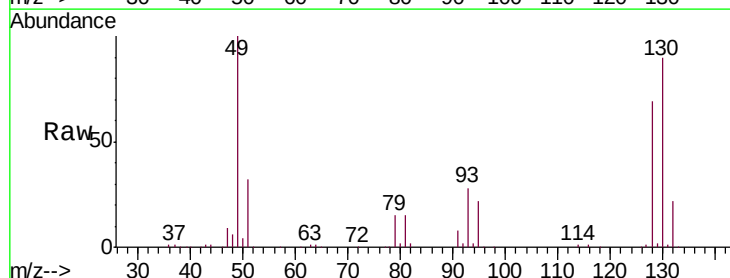
Ion Ratio Lower Upper

128 100

49 145.7 106.4 197.6

130 131.0 88.1 163.5

51 46.0 38.8 58.2



Abundance Ion 128.00 (127.70 to 128.70): VU035707.D (-1145) (-)

Ion 49.00 (48.70 to 49.70): VU035707.D (-1145) (-)

Ion 130.00 (129.70 to 130.70): VU035707.D (-1145) (-)

Ion 51.00 (50.70 to 51.70): VU035707.D (-1145) (-)

150000

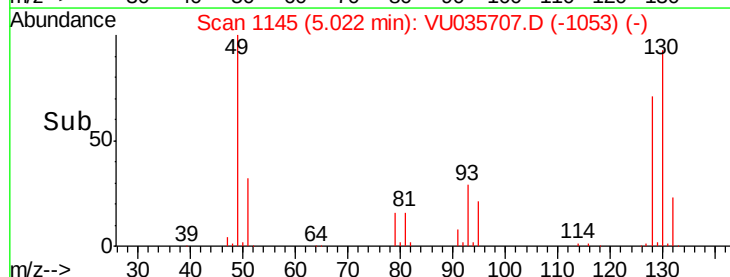
100000

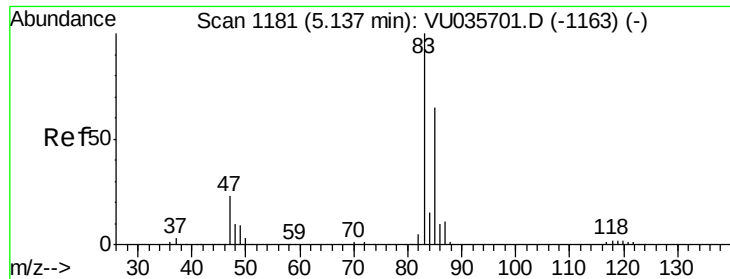
50000

0

4.95 5.00 5.05 5.10

Time-->

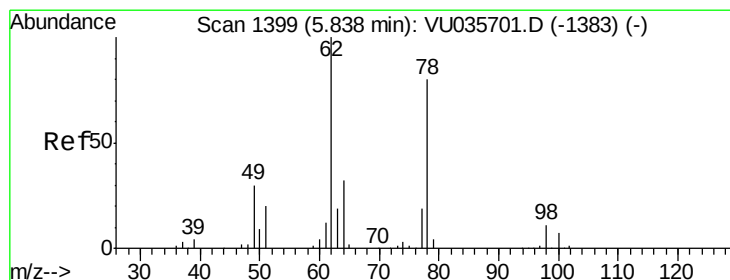
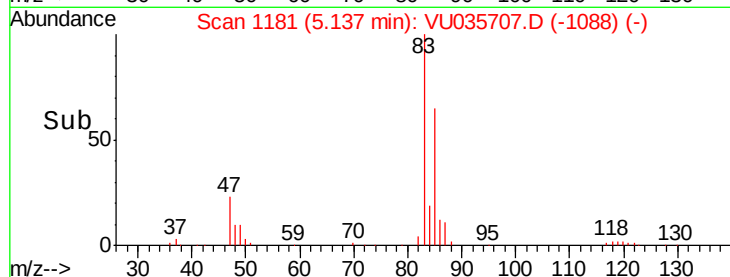
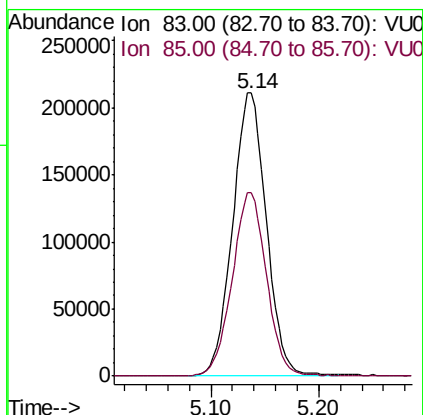
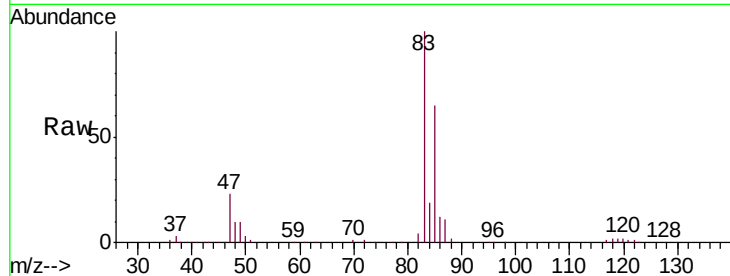




#25
Chloroform
Concen: 50.995 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035707.D
Acq: 14 Nov 2019 09:20

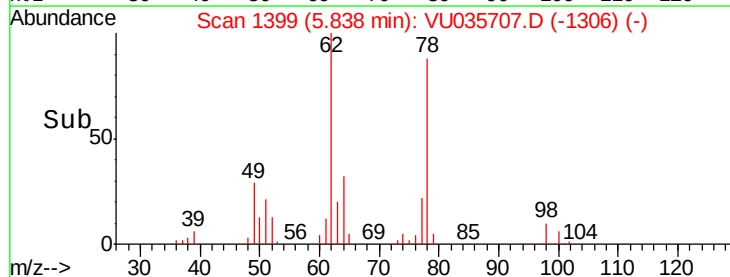
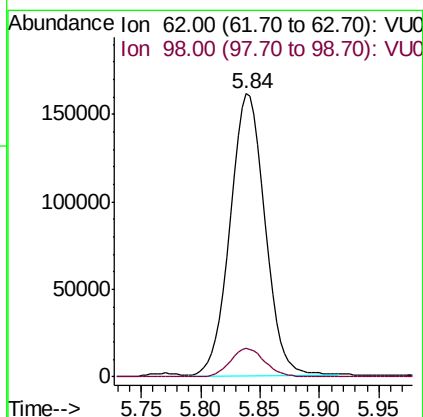
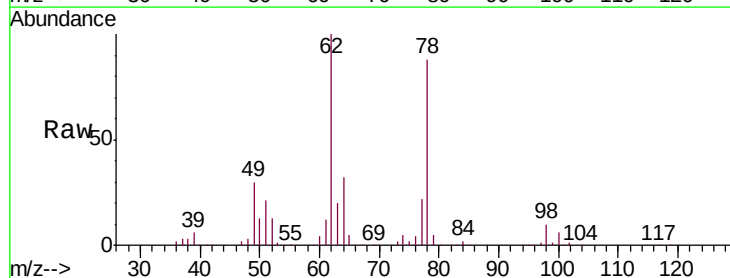
Instrument :
MSVOA_U
ClientSampleId :
VSTD05047

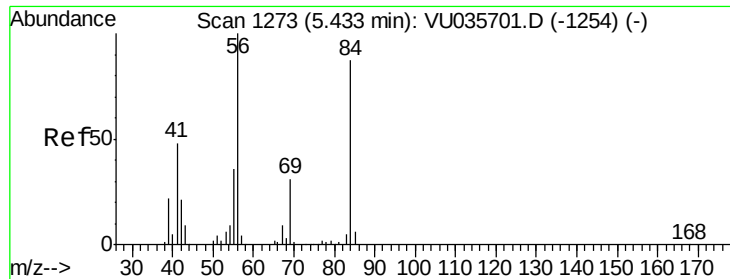
Tgt Ion: 83 Resp: 459882
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.4



#27
1,2-Dichloroethane
Concen: 49.824 ug/L
RT: 5.84 min Scan# 1399
Delta R.T. -0.00 min
Lab File: VU035707.D
Acq: 14 Nov 2019 09:20

Tgt Ion: 62 Resp: 328271
Ion Ratio Lower Upper
62 100
98 10.0 8.2 12.2

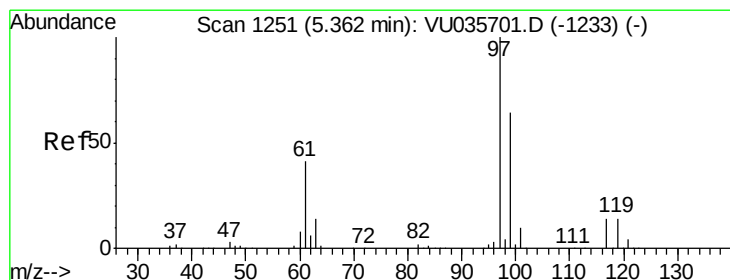
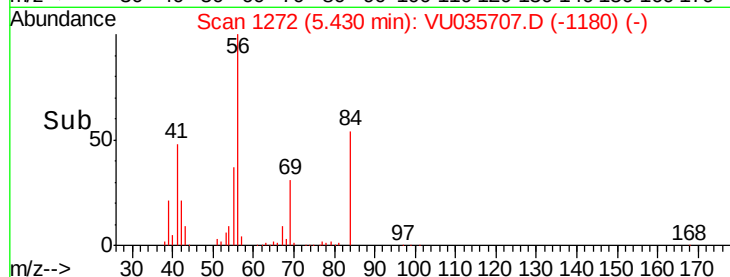
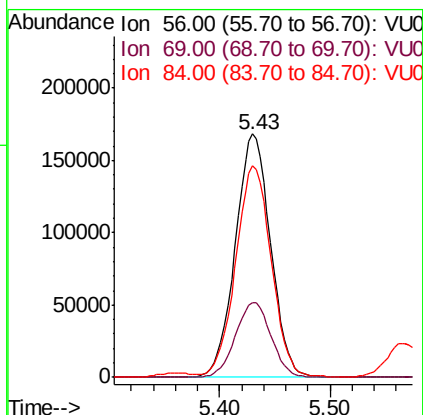
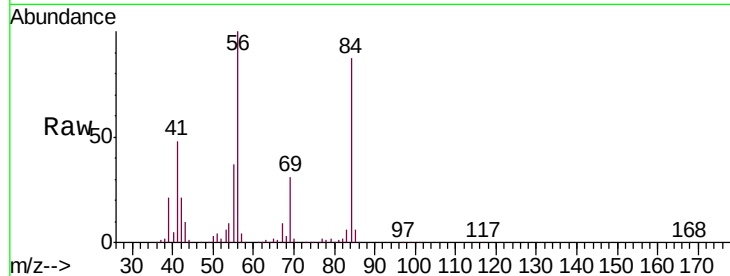




#29
Cyclohexane
Concen: 52.926 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VU035707.D
Acq: 14 Nov 2019 09:20

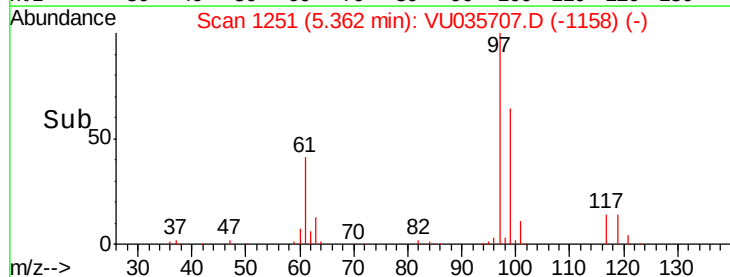
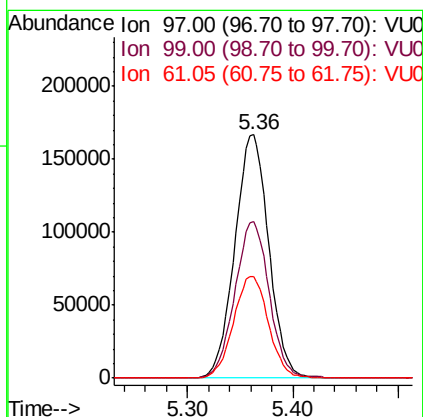
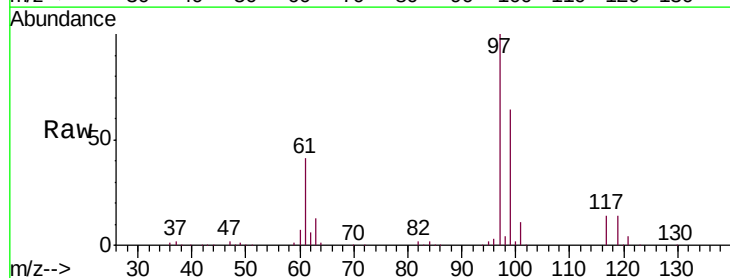
Instrument :
MSVOA_U
ClientSampleId :
VSTD05047

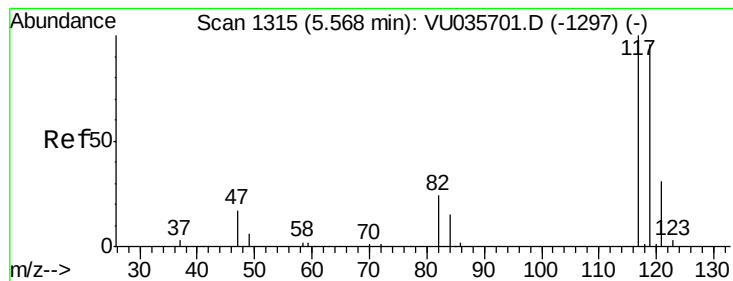
Tgt Ion: 56 Resp: 372881
Ion Ratio Lower Upper
56 100
69 31.0 24.4 36.6
84 86.9 68.6 102.8



#30
1,1,1-Trichloroethane
Concen: 51.338 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VU035707.D
Acq: 14 Nov 2019 09:20

Tgt Ion: 97 Resp: 372706
Ion Ratio Lower Upper
97 100
99 65.0 51.5 77.3
61 42.7 35.1 52.7





#31

Carbon tetrachloride

Concen: 52.050 ug/L

RT: 5.57 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

Instrument :

MSVOA_U

ClientSampleId :

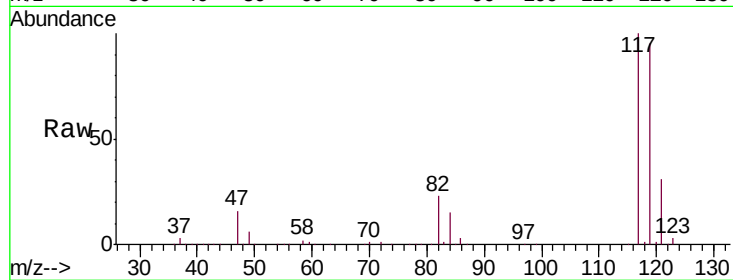
VSTD05047

Tgt Ion:117 Resp: 335998

Ion Ratio Lower Upper

117 100

119 95.6 77.4 116.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

150000

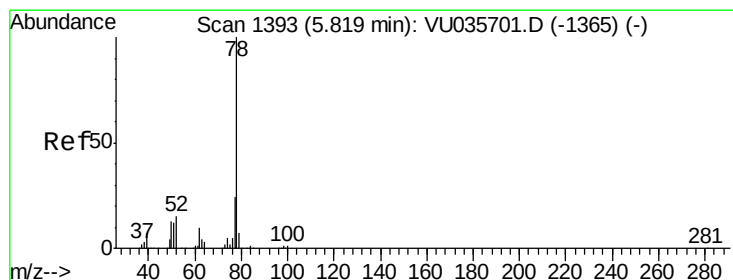
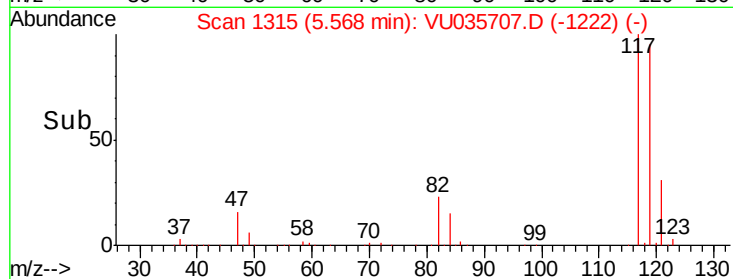
100000

50000

0

5.45 5.50 5.55 5.60 5.65

Time-->



#33

Benzene

Concen: 51.777 ug/L

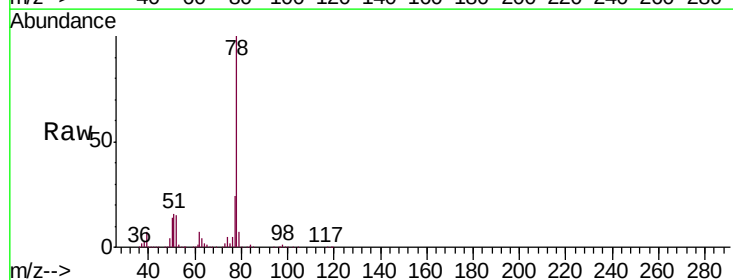
RT: 5.82 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

Tgt Ion: 78 Resp: 1005111



Abundance Ion 78.00 (77.70 to 78.70): VU0

500000

400000

300000

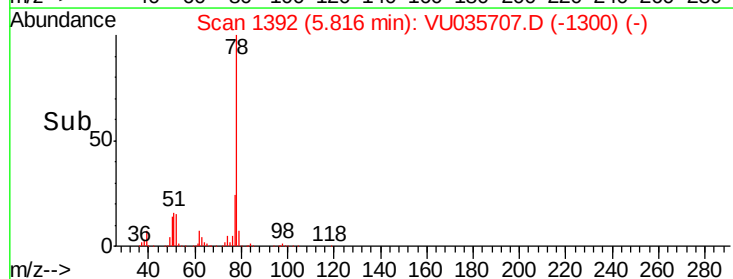
200000

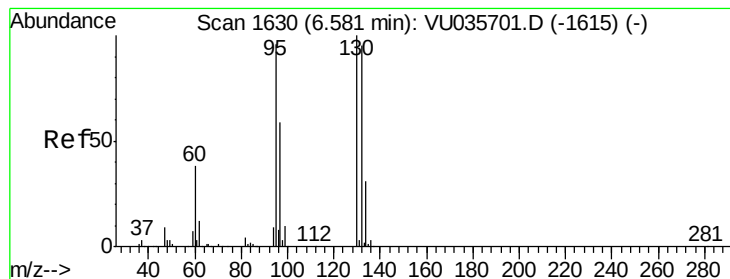
100000

0

5.70 5.80 5.90

Time-->





#34

Trichloroethene

Concen: 51.806 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

Instrument :

MSVOA_U

ClientSampleId :

VSTD05047

Tgt Ion: 95 Resp: 255672

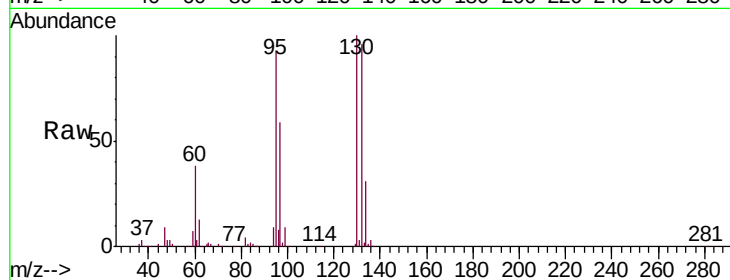
Ion Ratio Lower Upper

95 100

97 63.8 45.6 84.6

132 102.5 69.9 129.7

130 107.3 73.1 135.7

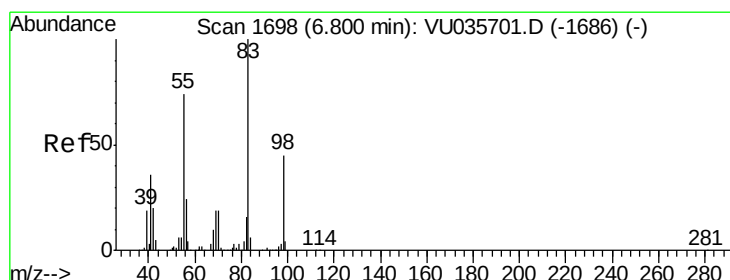
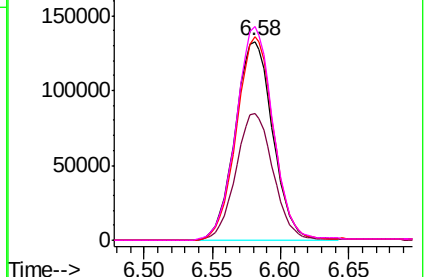
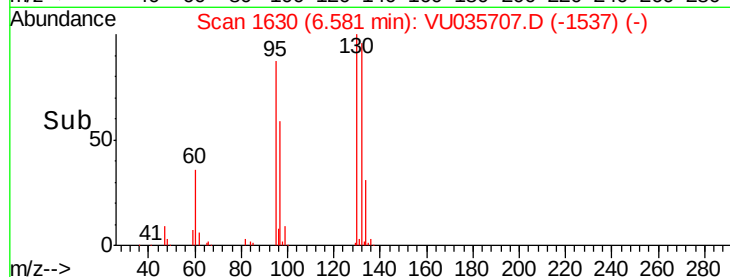


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 53.151 ug/L

RT: 6.80 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

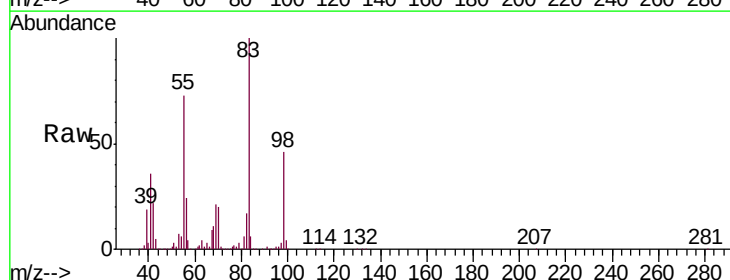
Tgt Ion: 83 Resp: 380958

Ion Ratio Lower Upper

83 100

55 72.8 61.0 91.4

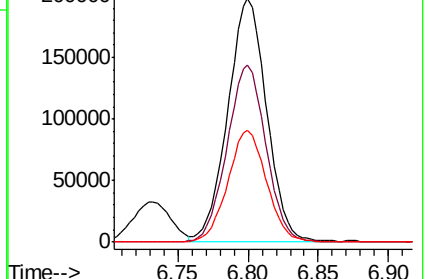
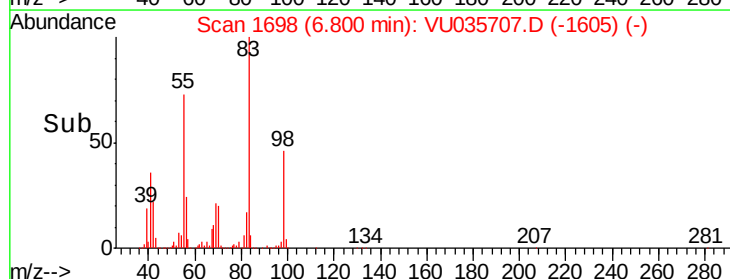
98 45.8 36.6 54.8

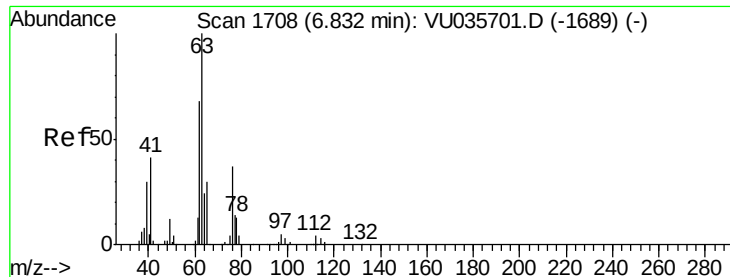


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

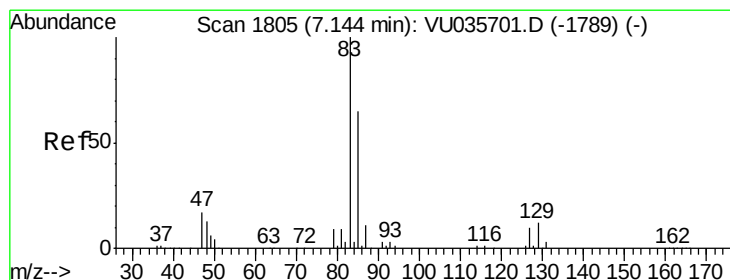
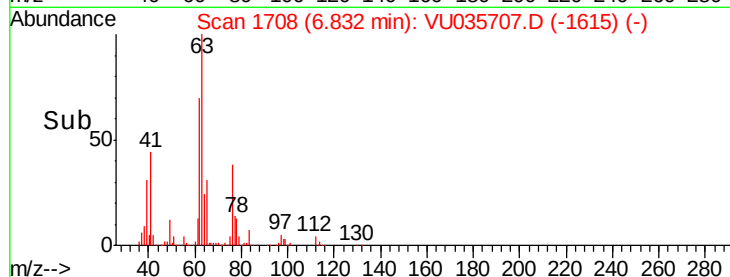
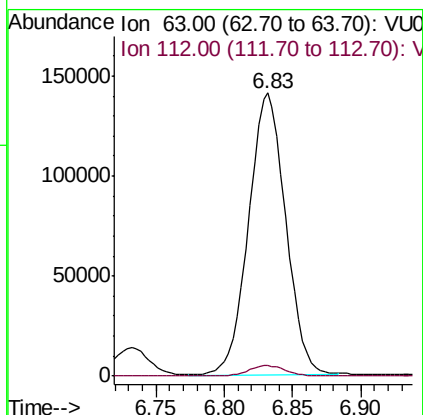
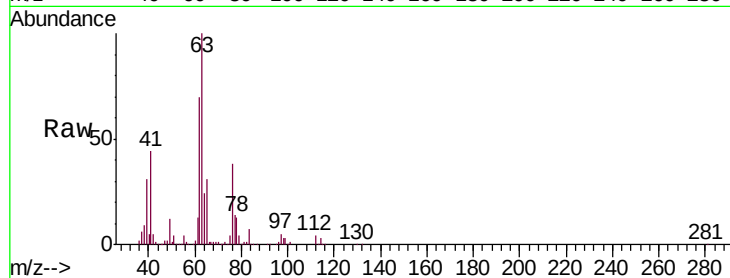




#37
 1,2-Dichloropropane
 Concen: 51.208 ug/L
 RT: 6.83 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: VU035707.D
 Acq: 14 Nov 2019 09:20

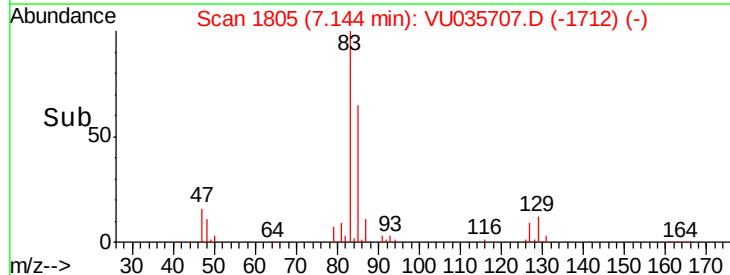
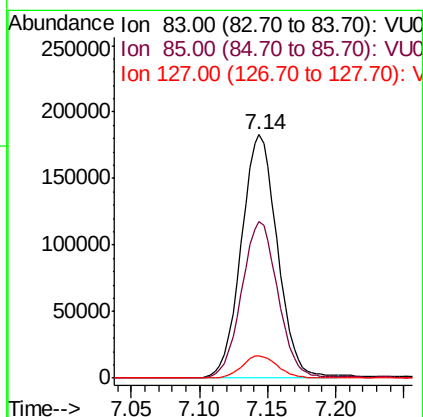
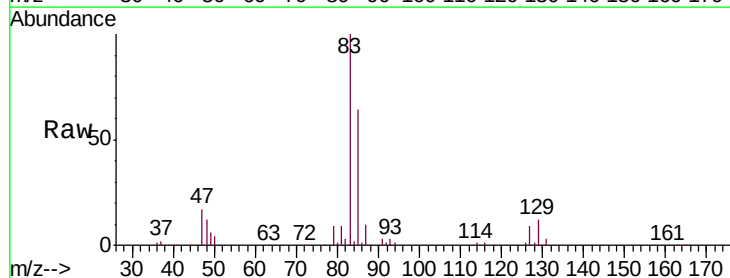
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05047

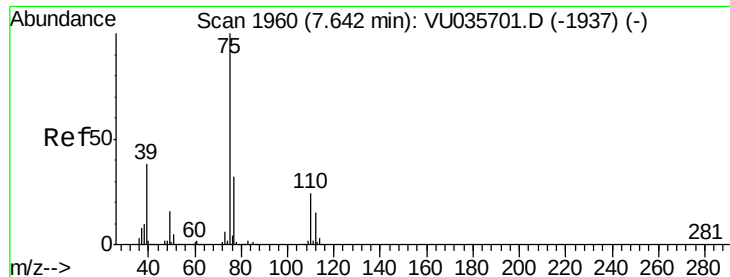
Tgt Ion: 63 Resp: 266205
 Ion Ratio Lower Upper
 63 100
 112 3.9 3.2 4.8



#38
 Bromodichloromethane
 Concen: 50.752 ug/L
 RT: 7.14 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VU035707.D
 Acq: 14 Nov 2019 09:20

Tgt Ion: 83 Resp: 335356
 Ion Ratio Lower Upper
 83 100
 85 64.4 45.1 83.7
 127 9.2 7.2 10.8



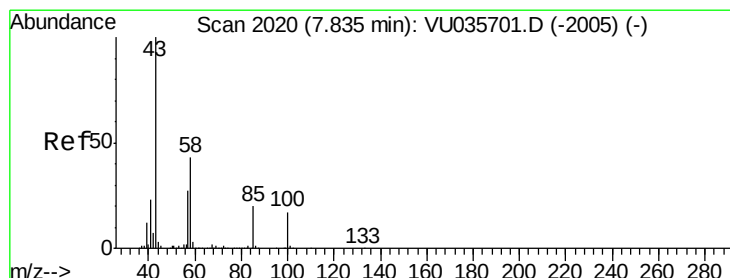
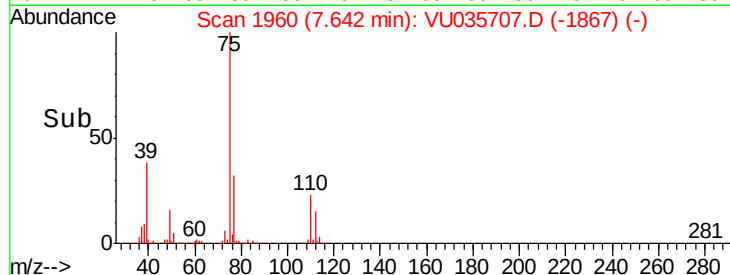
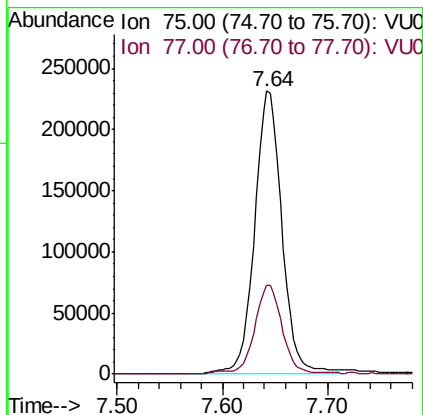
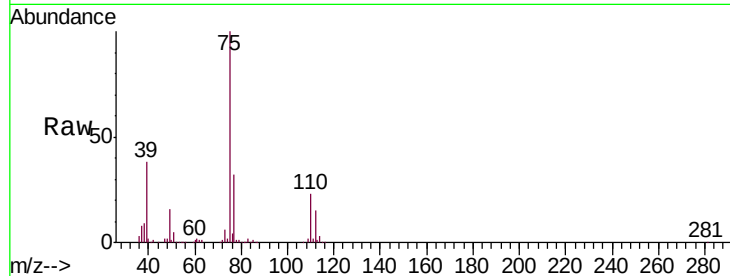


#39

cis-1,3-Dichloropropene
 Concen: 54.358 ug/L
 RT: 7.64 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: VU035707.D
 Acq: 14 Nov 2019 09:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05047

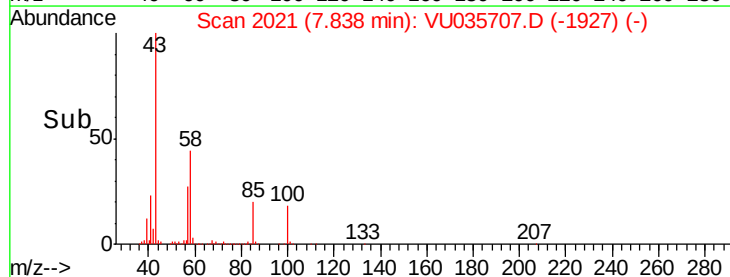
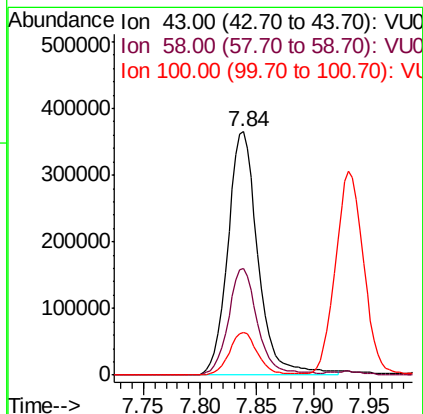
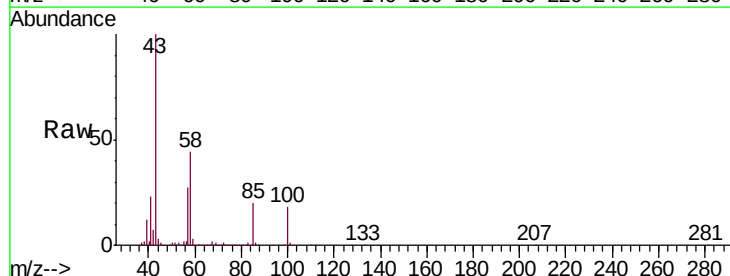
Tgt Ion: 75 Resp: 420022
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.3 41.5

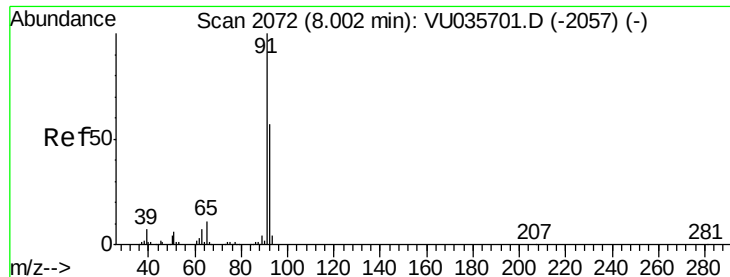


#40

4-Methyl-2-pentanone
 Concen: 97.664 ug/L
 RT: 7.84 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: VU035707.D
 Acq: 14 Nov 2019 09:20

Tgt Ion: 43 Resp: 679221
 Ion Ratio Lower Upper
 43 100
 58 42.5 32.6 49.0
 100 16.8 12.6 19.0





#42

Toluene

Concen: 54.075 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU035707.D

Acq: 14 Nov 2019 09:20

Instrument :

MSVOA_U

ClientSampleId :

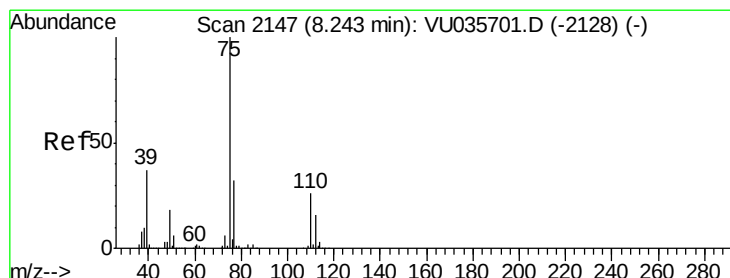
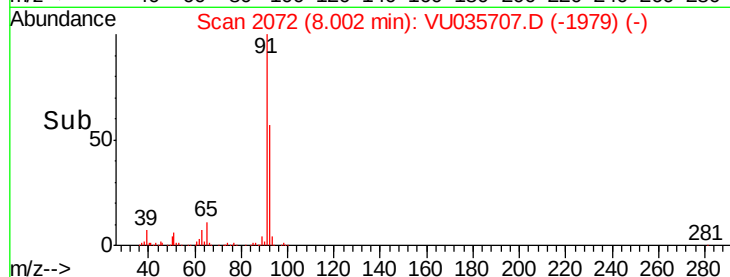
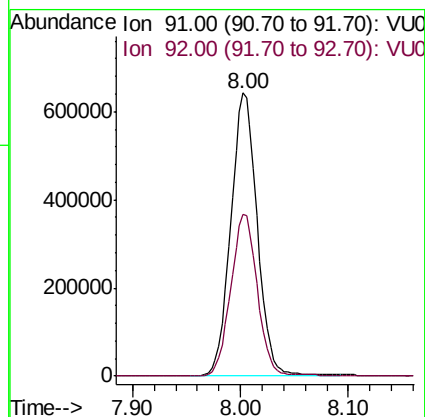
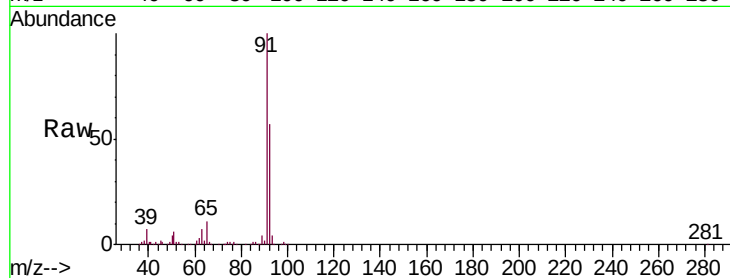
VSTD05047

Tgt Ion: 91 Resp: 1100199

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 53.300 ug/L

RT: 8.24 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VU035707.D

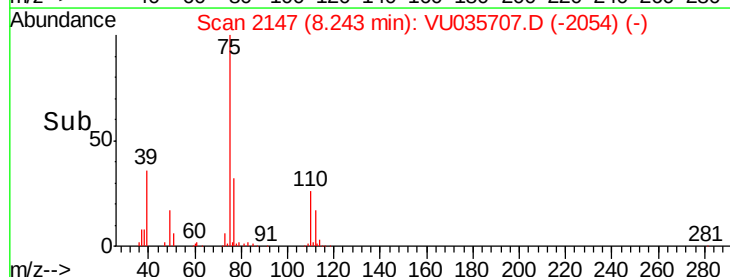
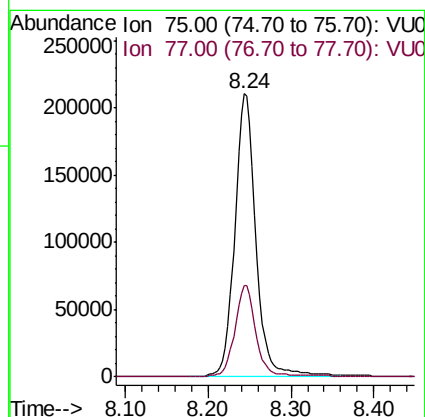
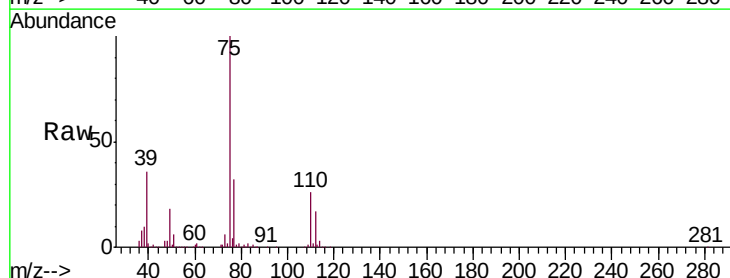
Acq: 14 Nov 2019 09:20

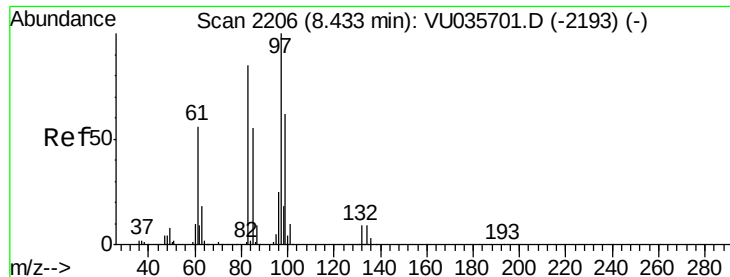
Tgt Ion: 75 Resp: 377514

Ion Ratio Lower Upper

75 100

77 32.4 22.1 41.1

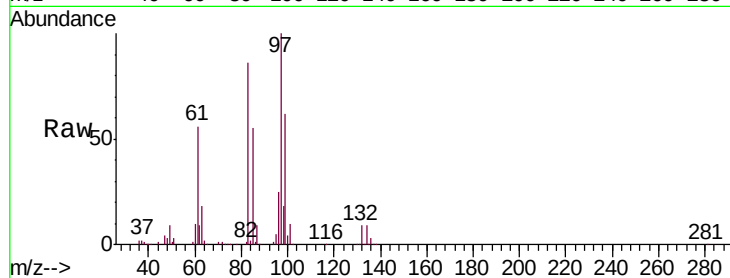




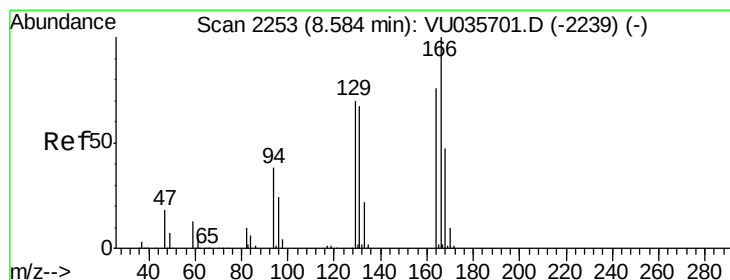
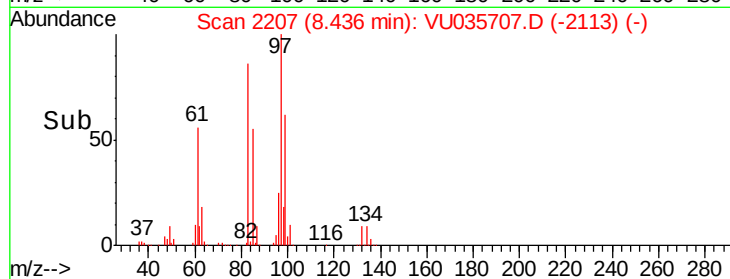
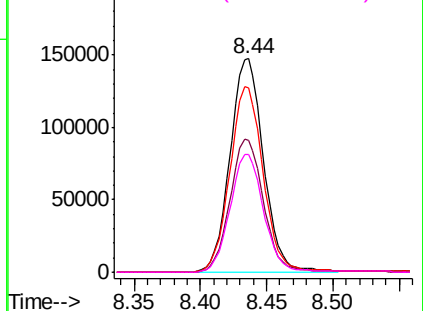
#45
 1,1,2-Trichloroethane
 Concen: 51.907 ug/L
 RT: 8.44 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VU035707.D
 Acq: 14 Nov 2019 09:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05047

Tgt Ion:	97	Resp:	258638
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.2	82.2
83	86.0	61.5	114.3
85	55.0	39.3	73.1

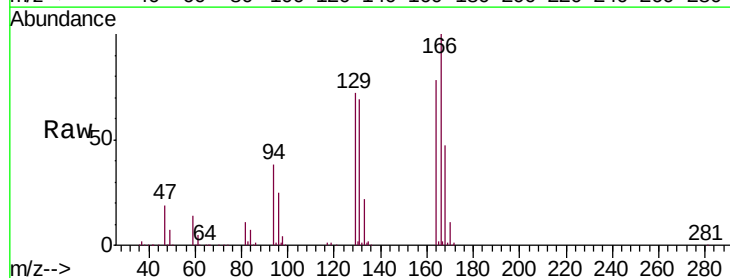


Abundance Ion 97.00 (96.70 to 97.70): VU035707.D (-2193) (-)



#46
 Tetrachloroethene
 Concen: 53.724 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU035707.D
 Acq: 14 Nov 2019 09:20

Tgt Ion:	164	Resp:	221695
Ion	Ratio	Lower	Upper
164	100		
129	91.6	64.1	119.1
131	87.9	63.1	117.1
166	127.6	88.5	164.3



Abundance Ion 164.00 (163.70 to 164.70): VU035707.D (-2239) (-)

