

Data File : VU032775.D
Acq On : 17 Jun 2019 12:11
Operator : JC/SP
Sample : VSTD20035
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD20035

Quant Time: Jun 18 01:39:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 01:34:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	218399	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	217507	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	126619	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	296946	207.08	ug/L	0.00
7) Chloroethane-d5	1.66	69	236338	205.59	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.26	63	606935	215.15	ug/L	0.00
21) 2-Butanone-d5	4.17	46	525218	441.59	ug/L	0.00
24) Chloroform-d	4.64	84	593041	219.73	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	389382	226.15	ug/L	0.00
32) Benzene-d6	5.33	84	1135731	200.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	360946	201.54	ug/L	0.00
41) Toluene-d8	7.56	98	1088335	202.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	199118	230.95	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	378346	447.83	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	588697	227.12	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	484835	199.52	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	429323	212.221	ug/L	100
3) Chloromethane	1.32	50	392354	204.292	ug/L	99
5) Vinyl chloride	1.40	62	390086	202.563	ug/L	100
6) Bromomethane	1.60	94	244984	214.979	ug/L	99
8) Chloroethane	1.68	64	224290	197.185	ug/L	100
9) Trichlorofluoromethane	1.87	101	550027	209.447	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	283855	208.249	ug/L	99
12) 1,1-Dichloroethene	2.27	96	271930	206.953	ug/L	95
13) Acetone	2.31	43	609772	464.250	ug/L	99
14) Carbon disulfide	2.47	76	847656	211.042	ug/L	100
15) Methyl Acetate	2.61	43	383560	217.189	ug/L	100
16) Methylene chloride	2.69	84	311590	206.771	ug/L	100
17) trans-1,2-Dichloroethene	2.97	96	290656	204.574	ug/L	100
18) Methyl tert-butyl Ether	2.99	73	974997	209.079	ug/L	99
19) 1,1-Dichloroethane	3.44	63	564434	214.925	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	331199	206.973	ug/L	98
22) 2-Butanone	4.25	43	715496	476.317	ug/L	100
23) Bromochloromethane	4.54	128	170097	204.195	ug/L	98
25) Chloroform	4.66	83	579147	213.996	ug/L	97
27) 1,2-Dichloroethane	5.40	62	484325	223.534	ug/L	100
29) Cyclohexane	4.99	56	512365	198.228	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	512499	205.650	ug/L	99
31) Carbon tetrachloride	5.13	117	479190	209.313	ug/L	100
33) Benzene	5.38	78	1208136	196.463	ug/L	100
34) Trichloroethene	6.18	95	323656	193.887	ug/L	99
35) Methylcyclohexane	6.41	83	524117	195.055	ug/L	99
37) 1,2-Dichloropropane	6.42	63	330413	200.488	ug/L	100
38) Bromodichloromethane	6.75	83	455657	213.843	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	564110	218.304	ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	1125218	430.693	ug/L	100

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42) Toluene	7.63	91	1345613	200.046	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	522596	225.637	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	313977	203.417	ug/L	99
46) Tetrachloroethene	8.22	164	270665	196.793	ug/L	97
48) 2-Hexanone	8.36	43	994111	455.534	ug/L	99
49) Dibromochloromethane	8.47	129	395653	218.906	ug/L	97
50) 1,2-Dibromoethane	8.58	107	354916	204.393	ug/L	99
51) Chlorobenzene	9.11	112	873576	201.437	ug/L	98
52) Ethylbenzene	9.24	91	1558828	208.400	ug/L	99
53) m,p-Xylene	9.37	106	584107	205.698	ug/L	97
54) o-xylene	9.77	106	581295	206.605	ug/L	99
55) Styrene	9.79	104	1039411	220.079	ug/L	97
56) Isopropylbenzene	10.16	105	1586521	213.661	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	594413	223.944	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	468294	219.705	ug/L	99
61) Bromoform	9.95	173	334106	217.338	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	770643	200.694	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	783982	198.264	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	783075	201.376	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	160667	241.737	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	630256	209.804	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	576894	226.899	ug/L	99
69) Naphthalene	13.74	128	1874197	234.981	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	573743	215.367	ug/L	99

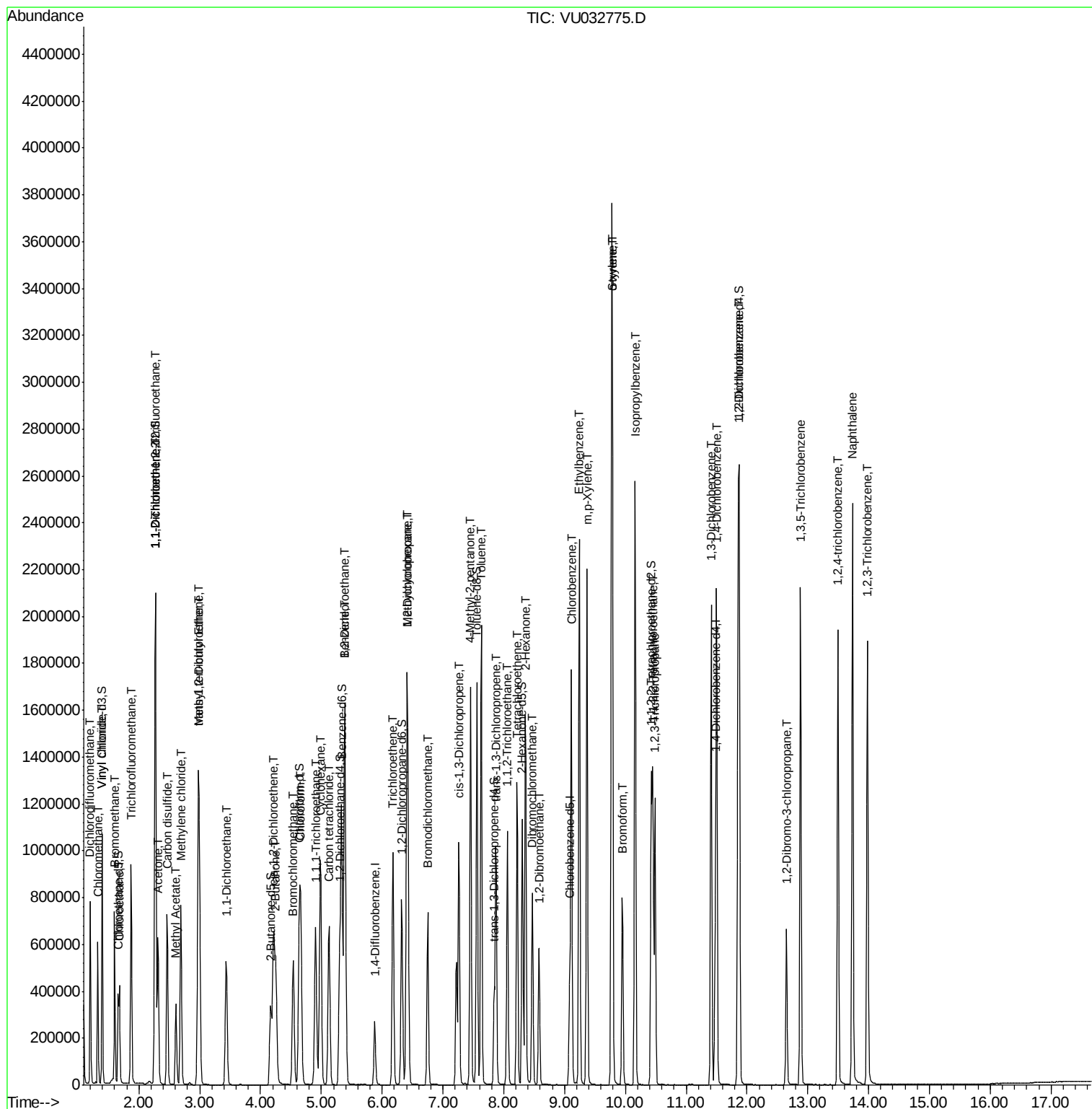
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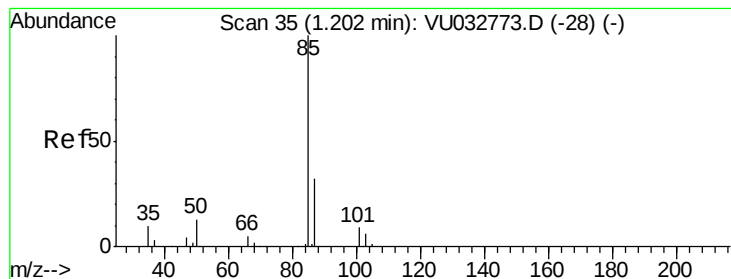
Data File : VU032775.D

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#2

Dichlorodifluoromethane

Concen: 212.221 ug/L

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

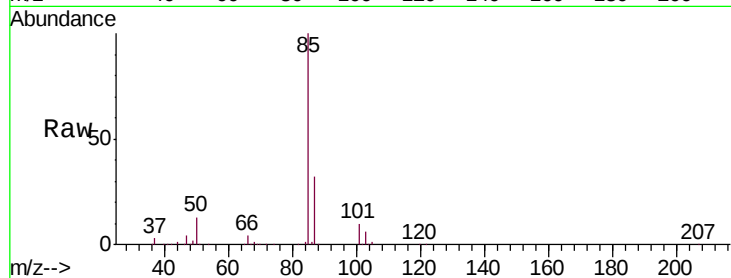
VSTD20035

Tgt Ion: 85 Resp: 429323

Ion Ratio Lower Upper

85 100

87 32.2 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VU032773.D (-28) (-)

Ion 87.00 (86.70 to 87.70): VU032773.D (-28) (-)

1.20

400000

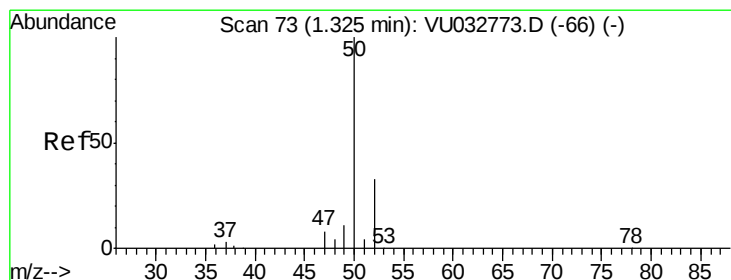
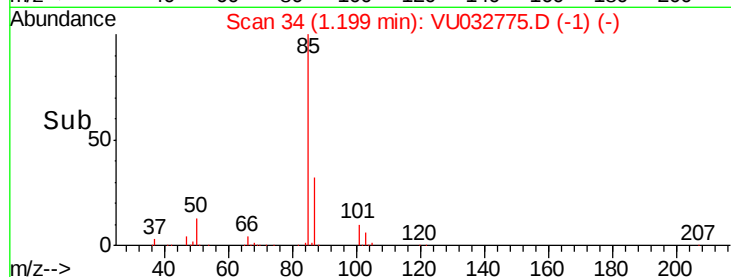
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 204.292 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU032775.D

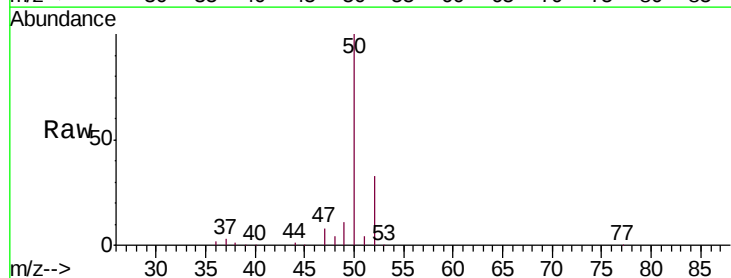
Acq: 17 Jun 2019 12:11

Tgt Ion: 50 Resp: 392354

Ion Ratio Lower Upper

50 100

52 32.5 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU032773.D (-66) (-)

Ion 52.00 (51.70 to 52.70): VU032773.D (-66) (-)

1.32

400000

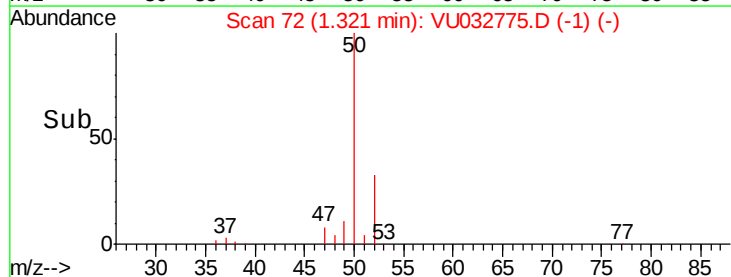
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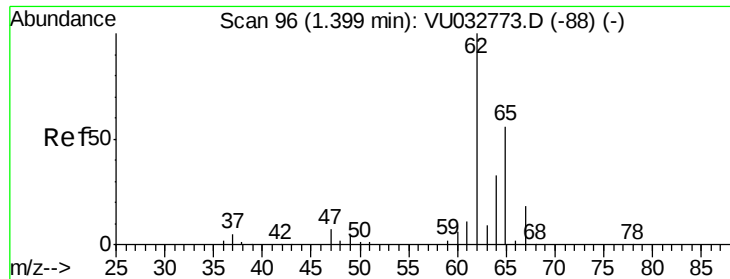
200000

100000

0

Time-->





#5

Vinyl chloride

Concen: 202.563 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

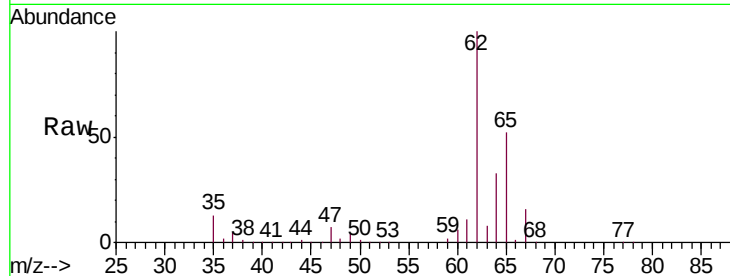
VSTD20035

Tgt Ion: 62 Resp: 390086

Ion Ratio Lower Upper

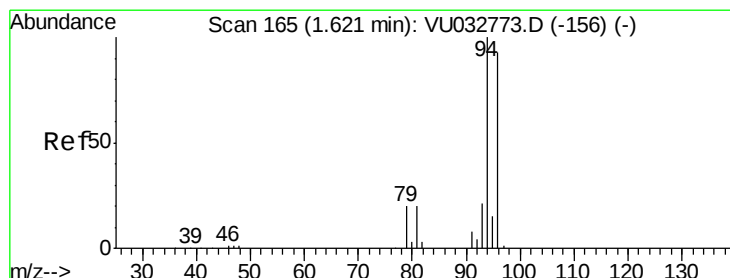
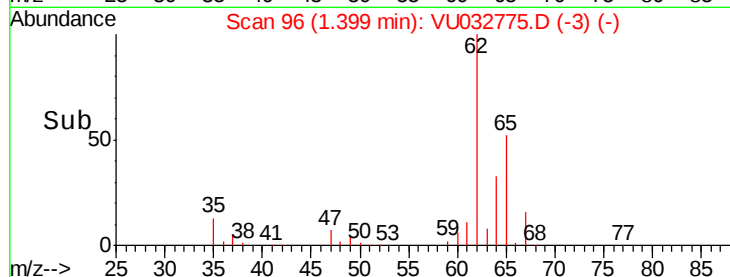
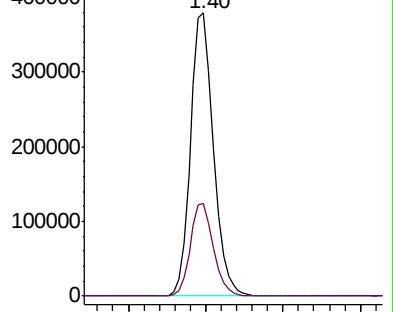
62 100

64 32.6 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU032773.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU032775.D (-3) (-)



#6

Bromomethane

Concen: 214.979 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.02 min

Lab File: VU032775.D

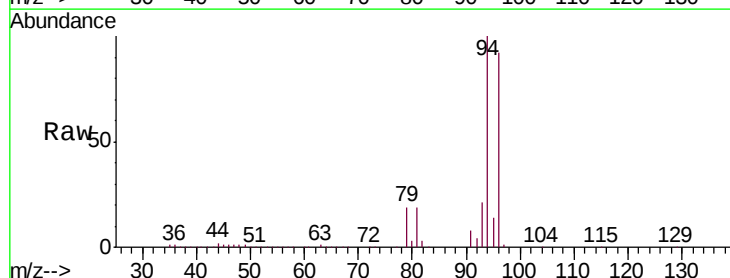
Acq: 17 Jun 2019 12:11

Tgt Ion: 94 Resp: 244984

Ion Ratio Lower Upper

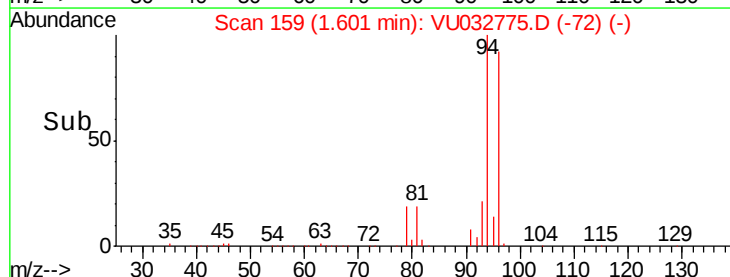
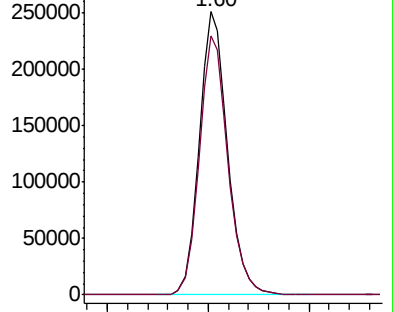
94 100

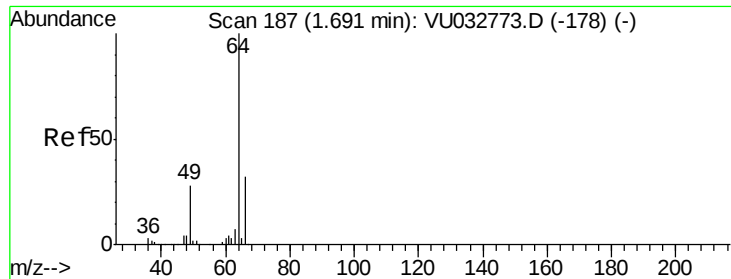
96 91.7 64.8 120.4



Abundance Ion 94.00 (93.70 to 94.70): VU032773.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU032775.D (-72) (-)

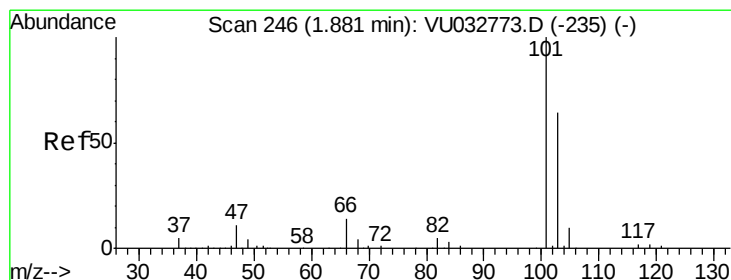
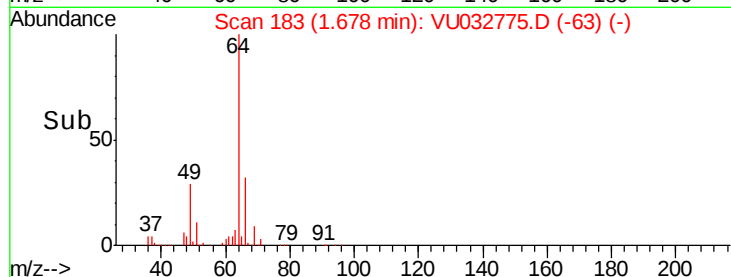
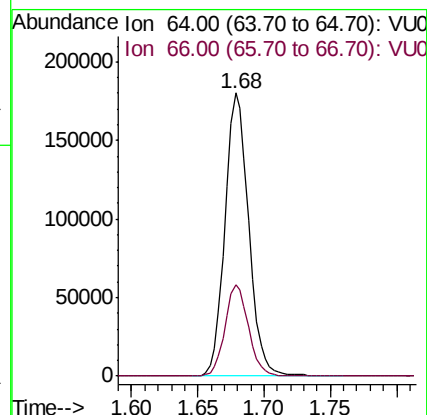
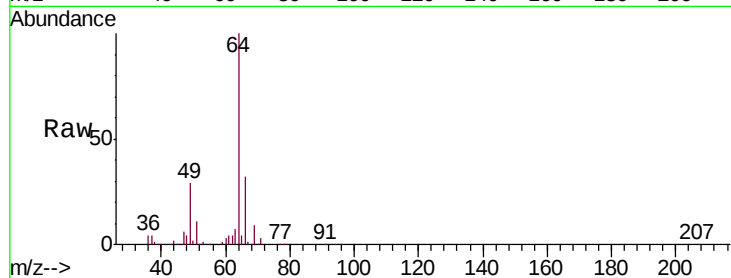




#8
Chloroethane
Concen: 197.185 ug/L
RT: 1.68 min Scan# 183
Delta R.T. -0.01 min
Lab File: VU032775.D
Acq: 17 Jun 2019 12:11

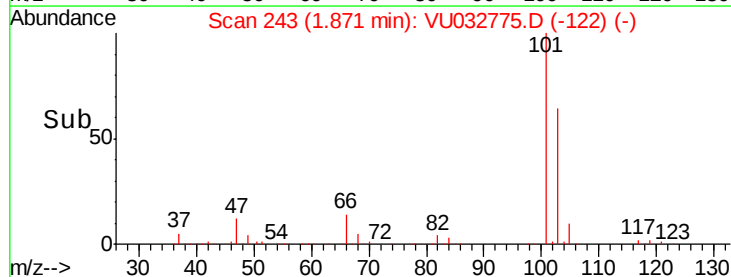
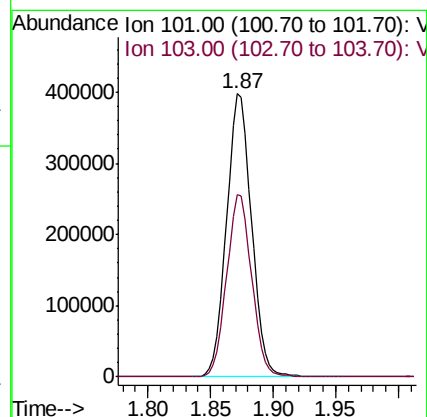
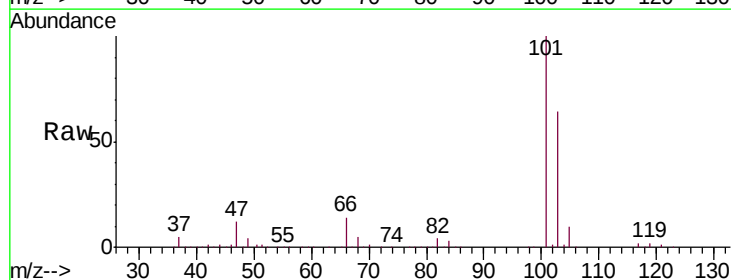
Instrument :
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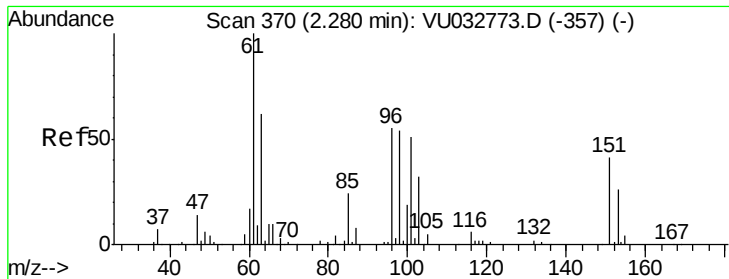
Tgt Ion: 64 Resp: 224290
Ion Ratio Lower Upper
64 100
66 32.4 22.5 41.7



#9
Trichlorofluoromethane
Concen: 209.447 ug/L
RT: 1.87 min Scan# 243
Delta R.T. -0.01 min
Lab File: VU032775.D
Acq: 17 Jun 2019 12:11

Tgt Ion: 101 Resp: 550027
Ion Ratio Lower Upper
101 100
103 64.5 51.3 76.9





#10

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

Concen: 208.249 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD20035

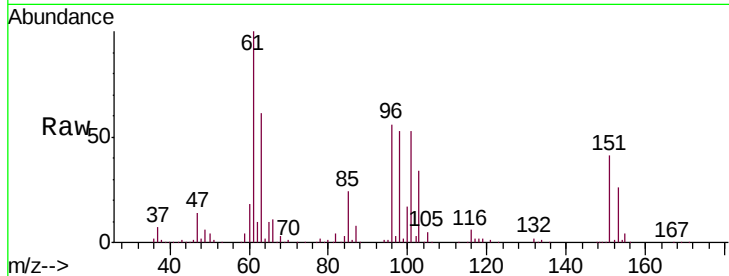
Tgt Ion: 101 Resp: 283855

Ion Ratio Lower Upper

101 100

85 45.8 36.8 55.2

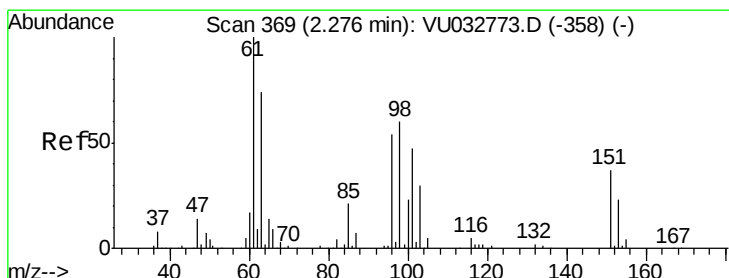
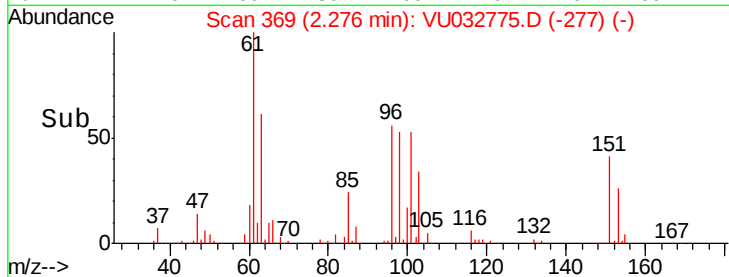
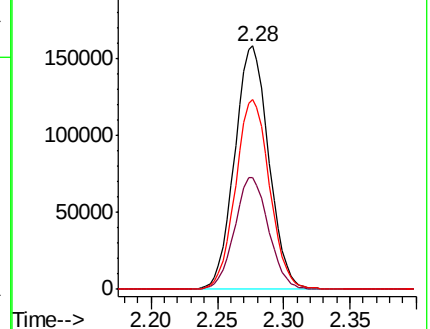
151 77.7 63.6 95.4



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: 206.953 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

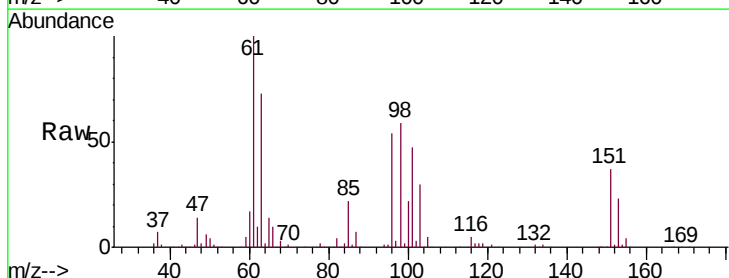
Tgt Ion: 96 Resp: 271930

Ion Ratio Lower Upper

96 100

61 183.6 131.0 243.4

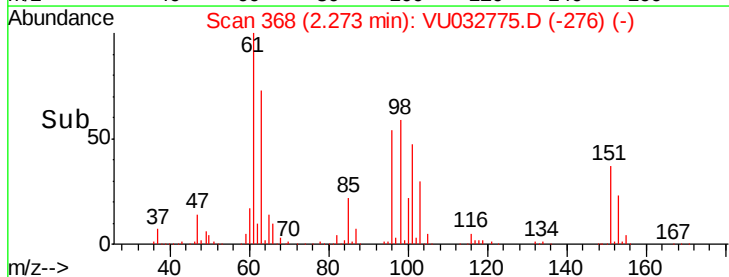
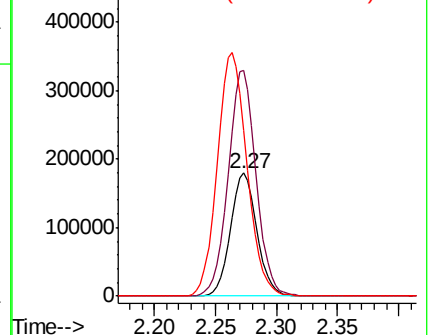
63 134.3 101.0 187.6

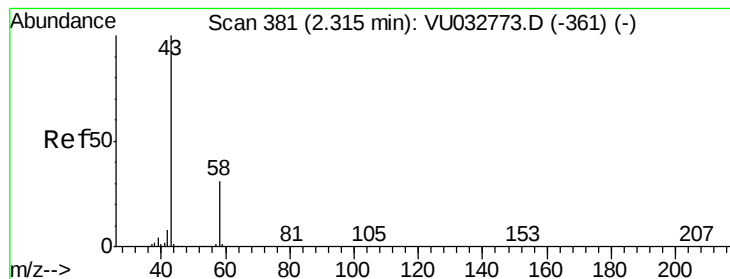


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 464.250 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

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ClientSampleId :

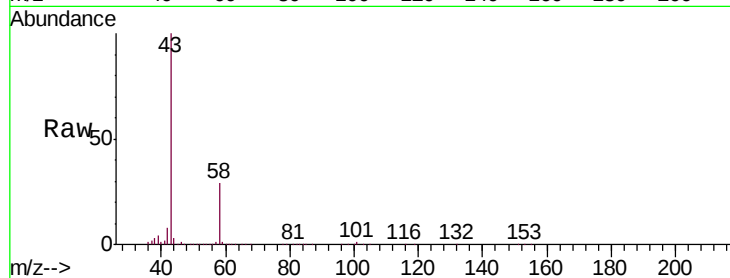
VSTD20035

Tgt Ion: 43 Resp: 609772

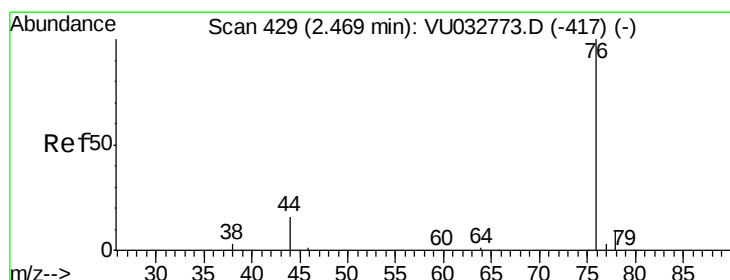
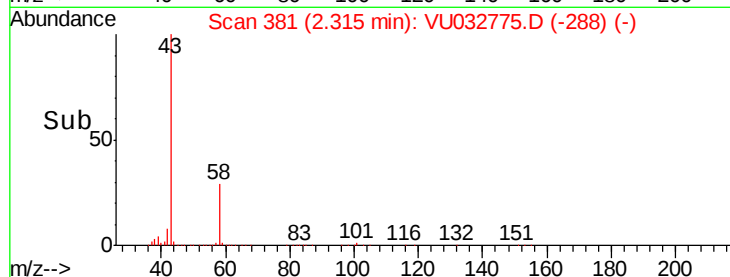
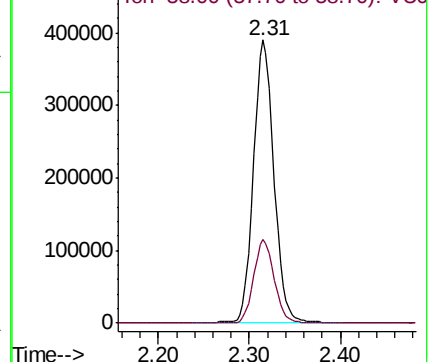
Ion Ratio Lower Upper

43 100

58 29.6 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032775.D (-361) (-)



#14

Carbon disulfide

Concen: 211.042 ug/L

RT: 2.47 min Scan# 428

Delta R.T. -0.00 min

Lab File: VU032775.D

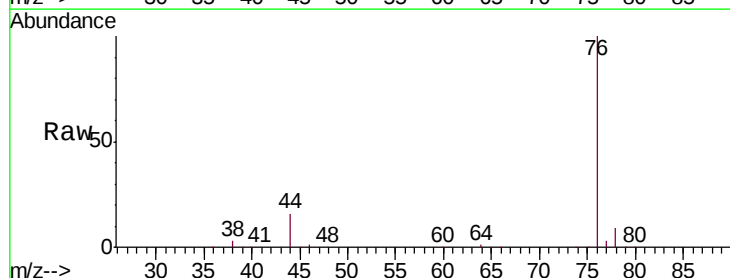
Acq: 17 Jun 2019 12:11

Tgt Ion: 76 Resp: 847656

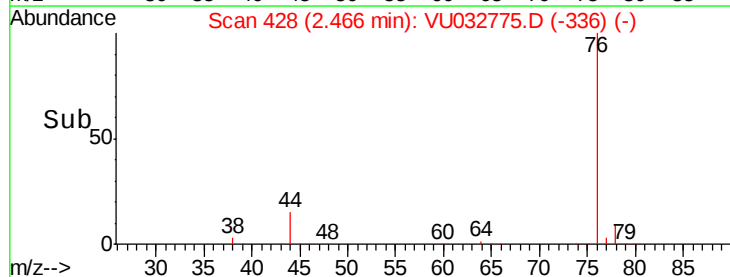
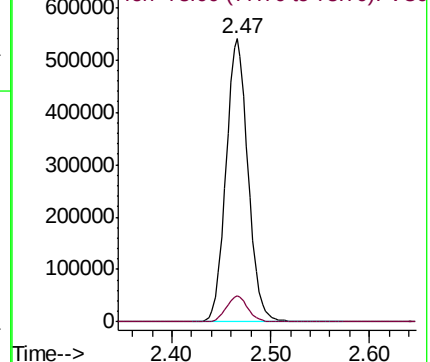
Ion Ratio Lower Upper

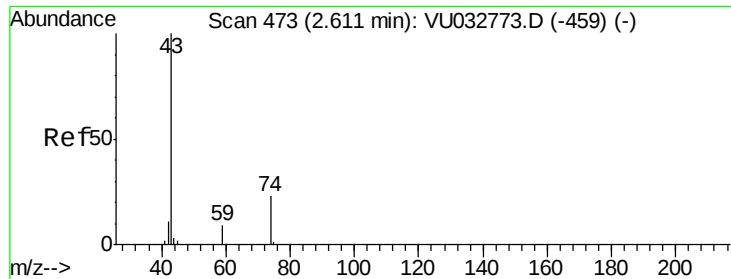
76 100

78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU032775.D (-417) (-)





#15

Methyl Acetate

Concen: 217.189 ug/L

RT: 2.61 min Scan# 472

Delta R.T. -0.00 min

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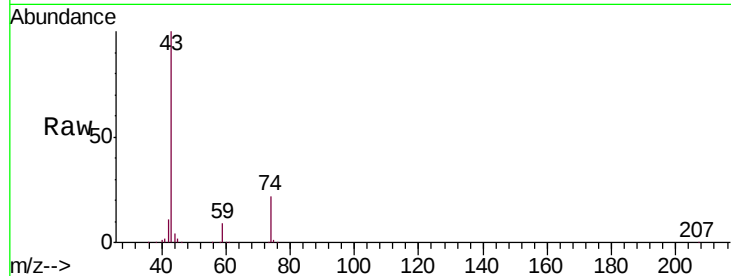
VSTD20035

Tgt Ion: 43 Resp: 383560

Ion Ratio Lower Upper

43 100

74 22.6 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VU032775.D (-459) (-)

Ion 74.00 (73.70 to 74.70): VU032775.D (-459) (-)

2.61

250000

200000

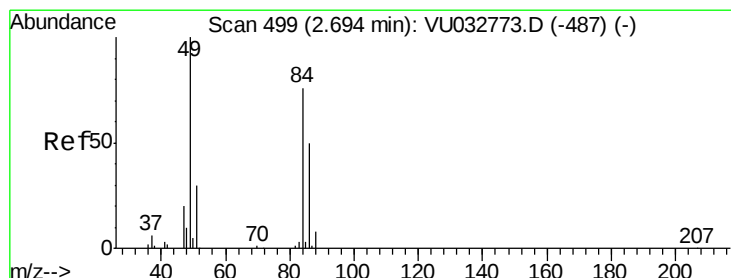
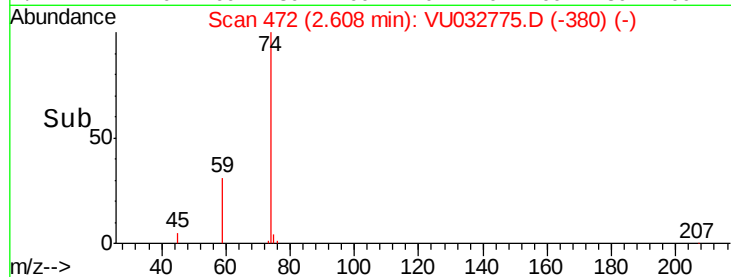
150000

100000

50000

0

Time-->



#16

Methylene chloride

Concen: 206.771 ug/L

RT: 2.69 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

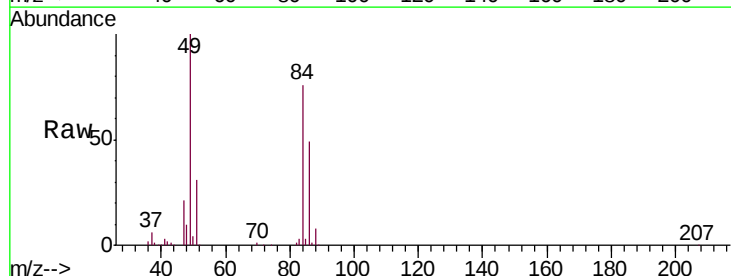
Tgt Ion: 84 Resp: 311590

Ion Ratio Lower Upper

84 100

86 64.3 45.5 84.5

49 131.8 92.1 171.1



Abundance Ion 84.00 (83.70 to 84.70): VU032775.D (-487) (-)

Ion 86.00 (85.70 to 86.70): VU032775.D (-487) (-)

Ion 49.00 (48.70 to 49.70): VU032775.D (-487) (-)

300000

250000

200000

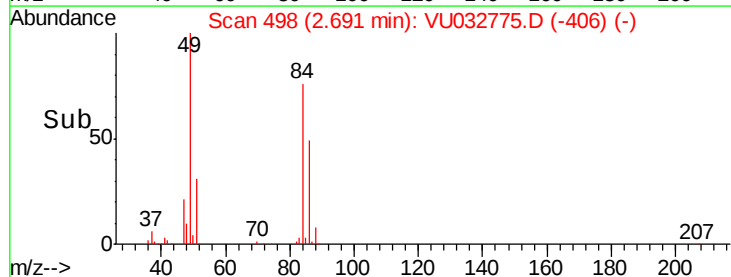
150000

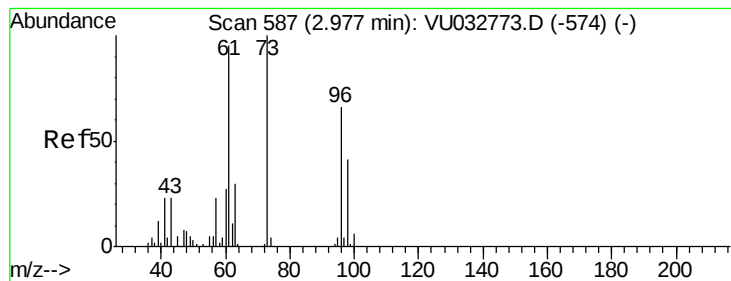
100000

50000

0

Time-->





#17

trans-1,2-Dichloroethene

Concen: 204.574 ug/L

RT: 2.97 min Scan# 586

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD20035

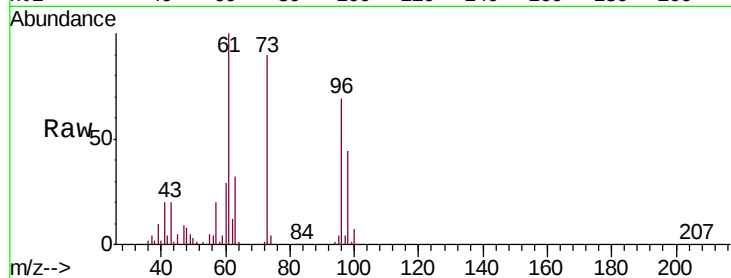
Tgt Ion: 96 Resp: 290656

Ion Ratio Lower Upper

96 100

61 144.8 100.9 187.5

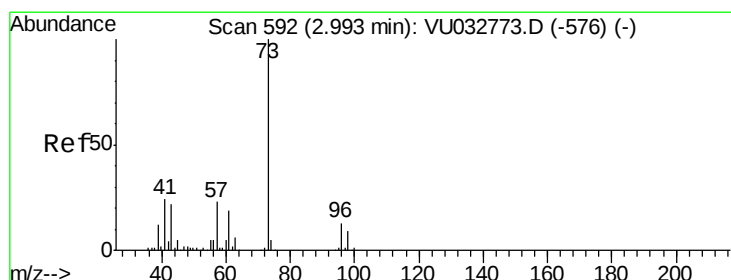
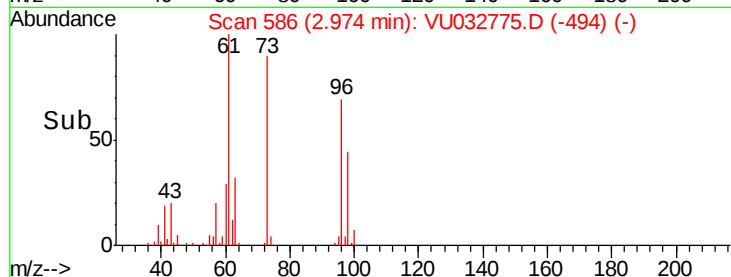
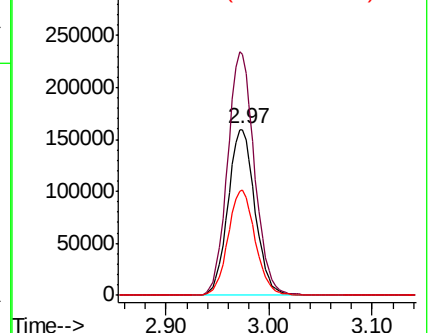
98 63.1 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VU032775.D (-574) (-)

Ion 61.00 (60.70 to 61.70): VU032775.D (-574) (-)

Ion 98.00 (97.70 to 98.70): VU032775.D (-574) (-)



#18

Methyl tert-butyl Ether

Concen: 209.079 ug/L

RT: 2.99 min Scan# 591

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

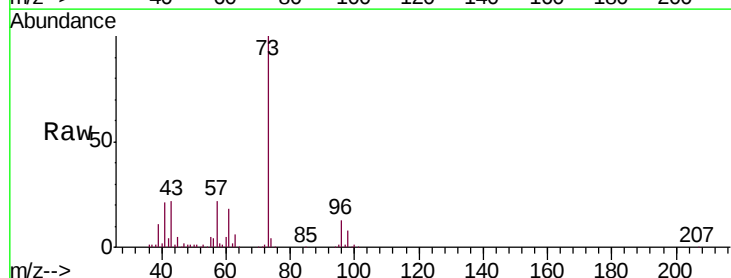
Tgt Ion: 73 Resp: 974997

Ion Ratio Lower Upper

73 100

43 21.8 17.8 26.8

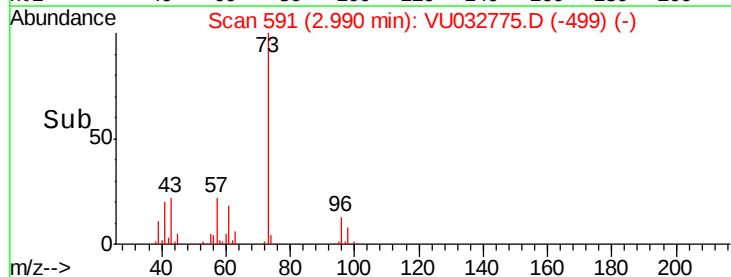
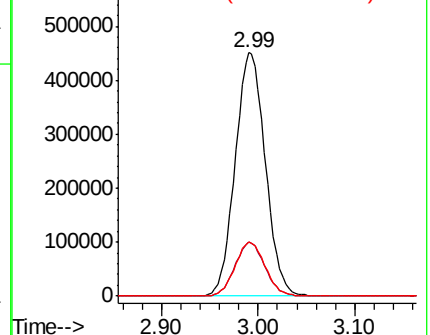
57 22.1 17.8 26.6

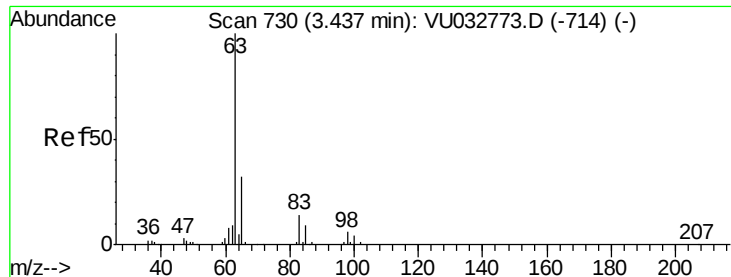


Abundance Ion 73.00 (72.70 to 73.70): VU032775.D (-576) (-)

Ion 43.00 (42.70 to 43.70): VU032775.D (-576) (-)

Ion 57.00 (56.70 to 57.70): VU032775.D (-576) (-)

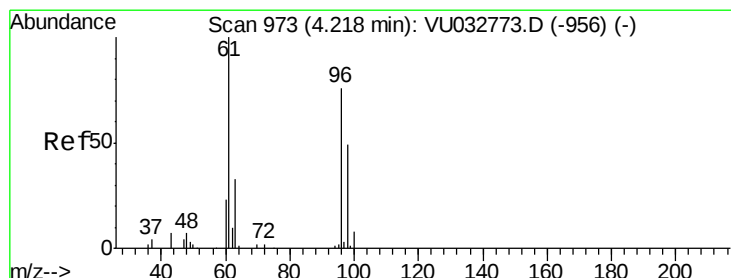
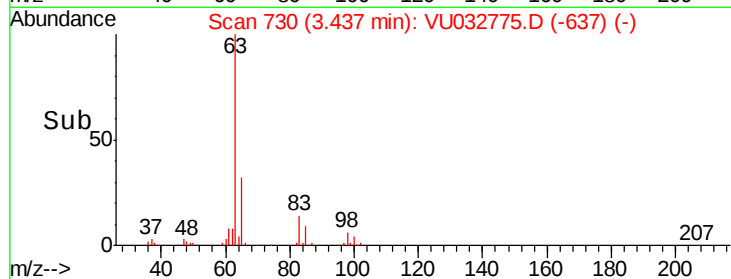
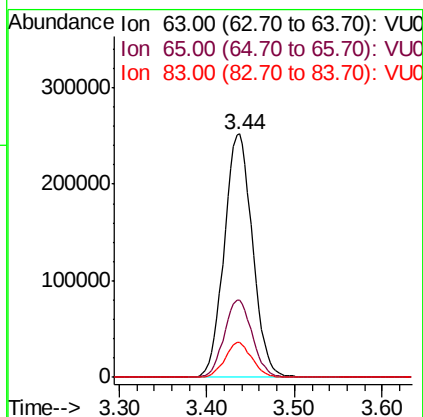
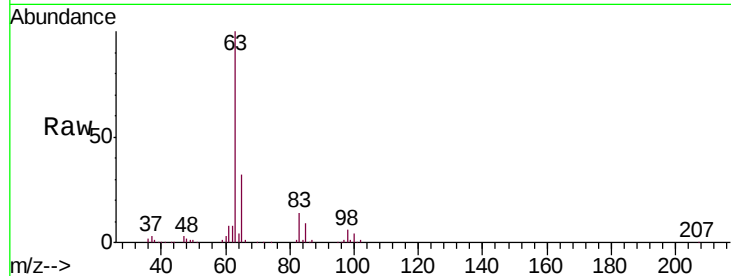




#19
 1,1-Dichloroethane
 Concen: 214.925 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU032775.D
 Acq: 17 Jun 2019 12:11

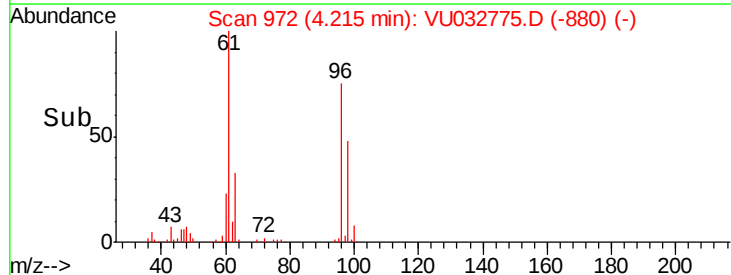
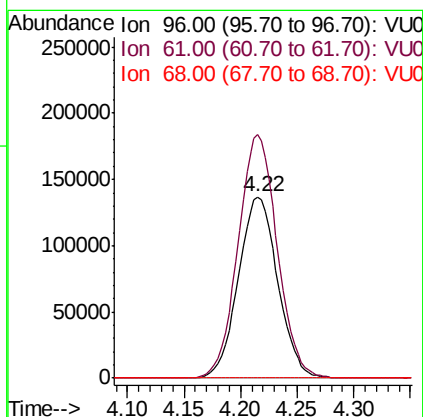
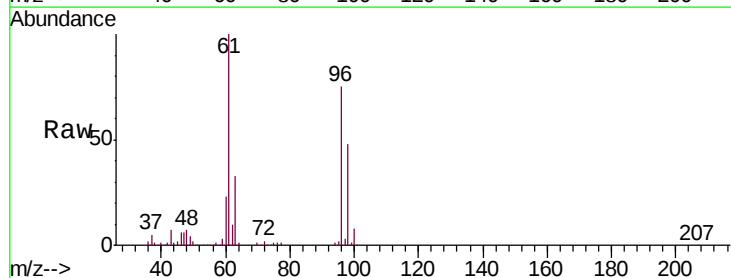
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20035

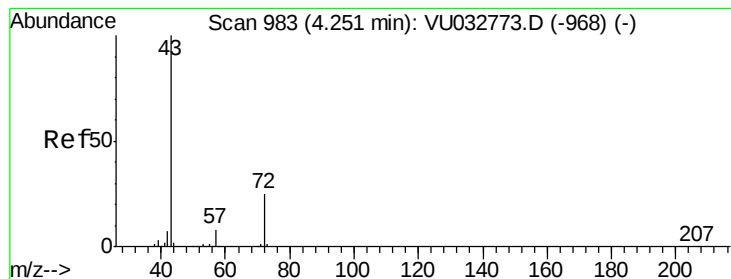
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.0	41.0
83	14.1	9.5	17.7



#20
 cis-1,2-Dichloroethene
 Concen: 206.973 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VU032775.D
 Acq: 17 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.2	92.4	171.6
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 476.317 ug/L

RT: 4.25 min Scan# 983

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

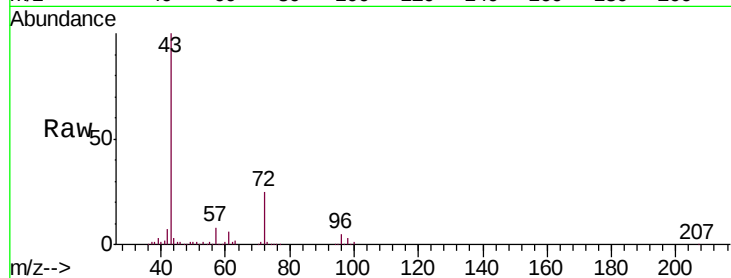
VSTD20035

Tgt Ion: 43 Resp: 715496

Ion Ratio Lower Upper

43 100

72 25.9 12.9 38.6



Abundance Ion 43.00 (42.70 to 43.70): VU032773.D (-968) (-)

Ion 72.00 (71.70 to 72.70): VU032773.D (-968) (-)

4.25

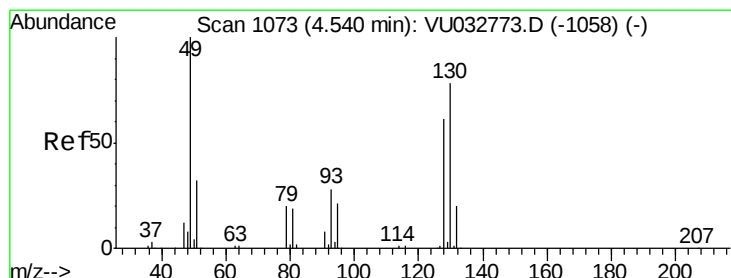
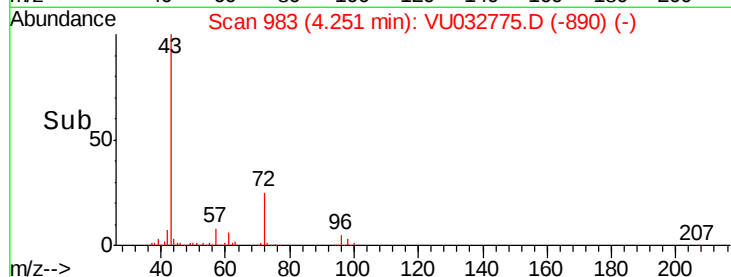
300000

200000

100000

0

Time-->



#23

Bromochloromethane

Concen: 204.195 ug/L

RT: 4.54 min Scan# 1072

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Tgt Ion: 128 Resp: 170097

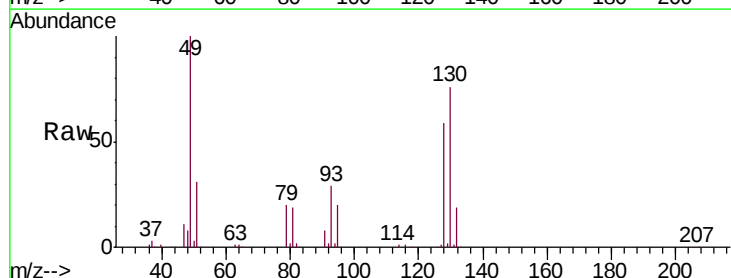
Ion Ratio Lower Upper

128 100

49 168.1 114.7 212.9

130 128.2 89.4 166.0

51 52.6 42.0 63.0



Abundance Ion 128.00 (127.70 to 128.70): VU032773.D (-1058) (-)

Ion 49.00 (48.70 to 49.70): VU032773.D (-1058) (-)

Ion 130.00 (129.70 to 130.70): VU032773.D (-1058) (-)

Ion 51.00 (50.70 to 51.70): VU032773.D (-1058) (-)

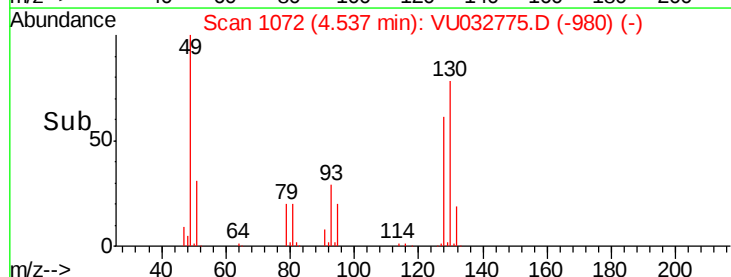
150000

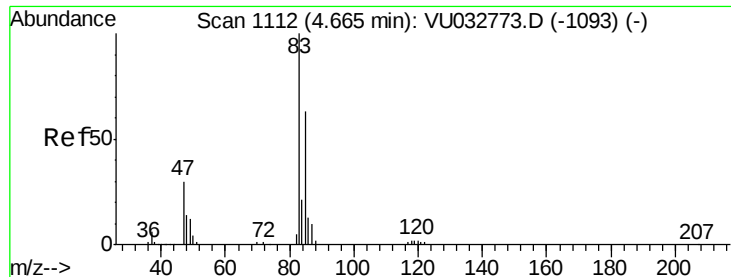
100000

50000

0

Time-->





#25

Chloroform

Concen: 213.996 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

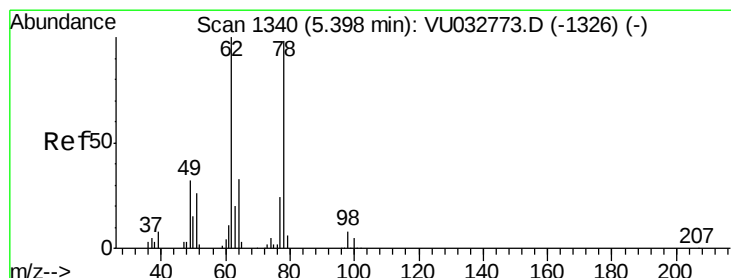
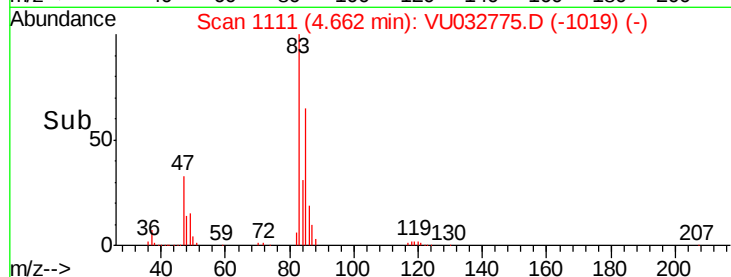
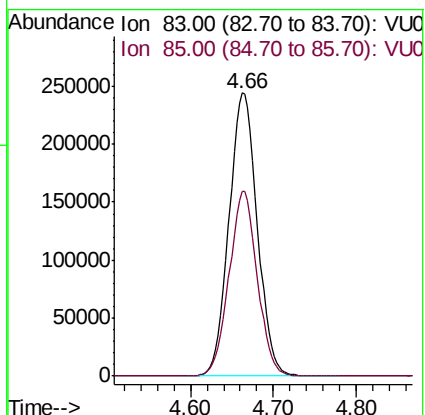
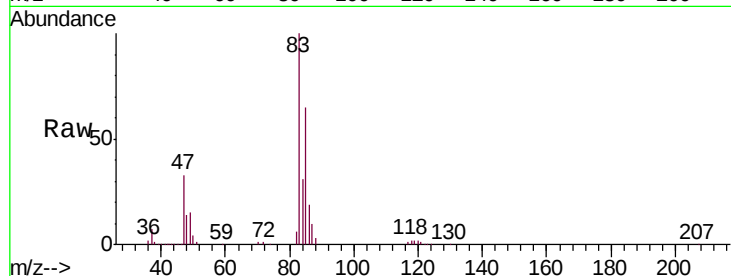
VSTD20035

Tgt Ion: 83 Resp: 579147

Ion Ratio Lower Upper

83 100

85 65.3 44.2 82.2



#27

1,2-Dichloroethane

Concen: 223.534 ug/L

RT: 5.40 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VU032775.D

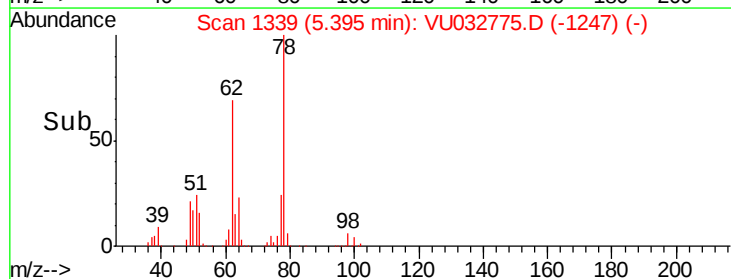
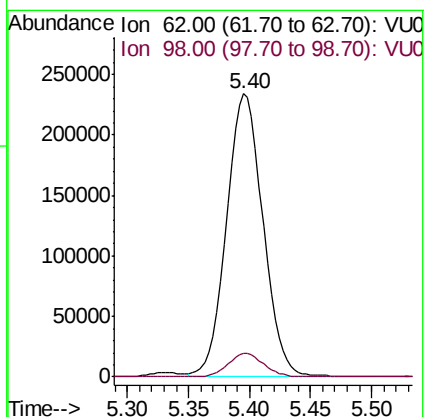
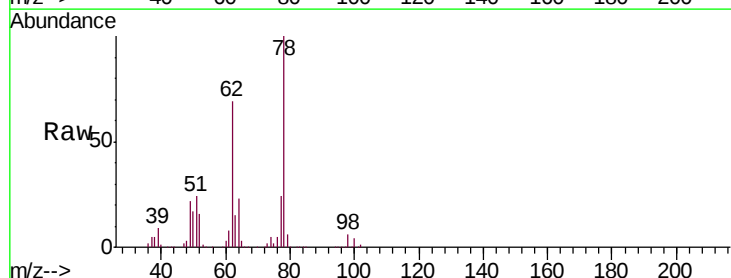
Acq: 17 Jun 2019 12:11

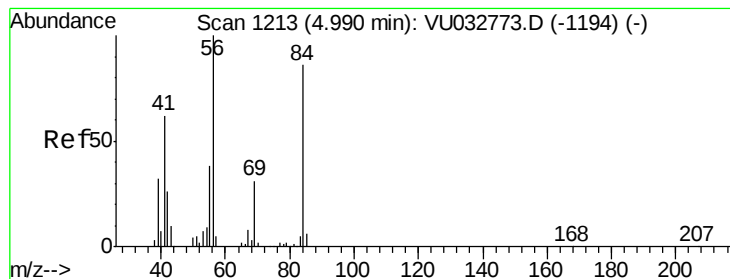
Tgt Ion: 62 Resp: 484325

Ion Ratio Lower Upper

62 100

98 8.1 6.6 10.0





#29

Cyclohexane

Concen: 198.228 ug/L

RT: 4.99 min Scan# 1212

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD20035

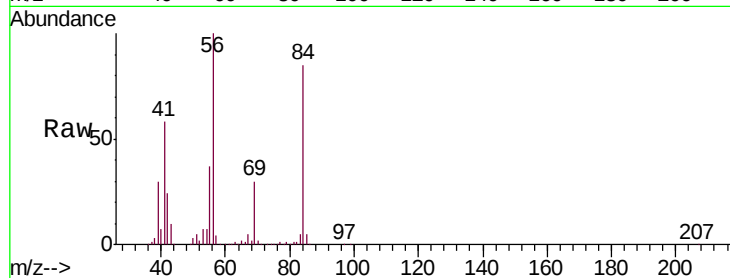
Tgt Ion: 56 Resp: 512365

Ion Ratio Lower Upper

56 100

69 29.8 24.2 36.4

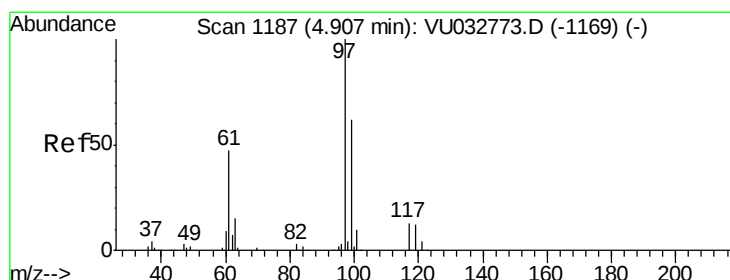
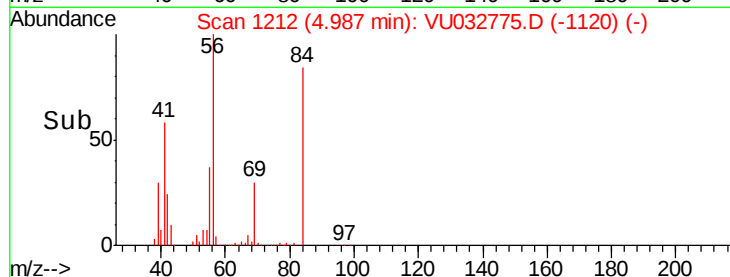
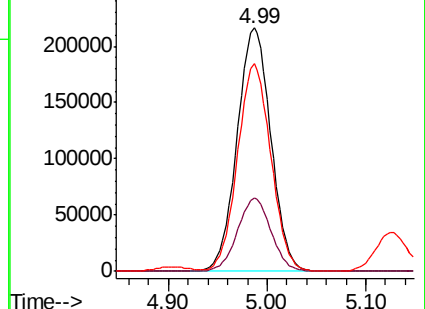
84 84.5 68.0 102.0



Abundance Ion 56.00 (55.70 to 56.70): VU032775.D (-1194) (-)

Ion 69.00 (68.70 to 69.70): VU032775.D (-1194) (-)

Ion 84.00 (83.70 to 84.70): VU032775.D (-1194) (-)



#30

1,1,1-Trichloroethane

Concen: 205.650 ug/L

RT: 4.91 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

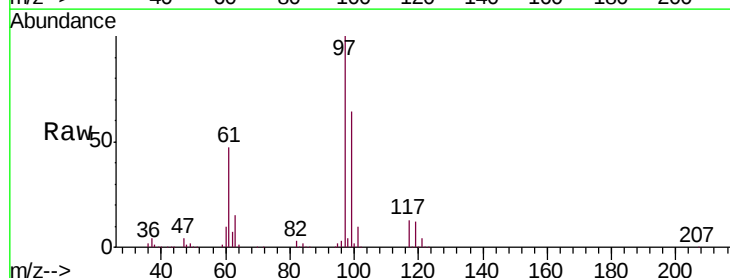
Tgt Ion: 97 Resp: 512499

Ion Ratio Lower Upper

97 100

99 63.9 50.7 76.1

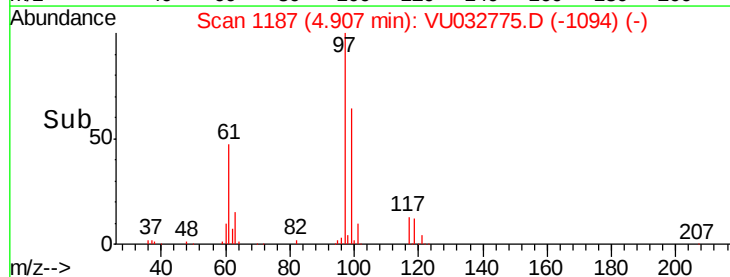
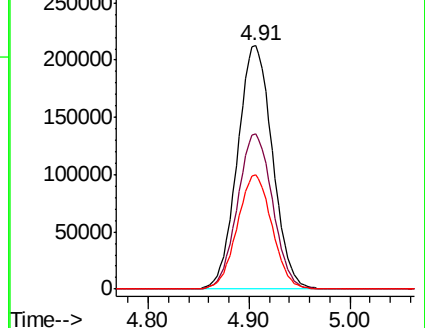
61 46.4 36.7 55.1

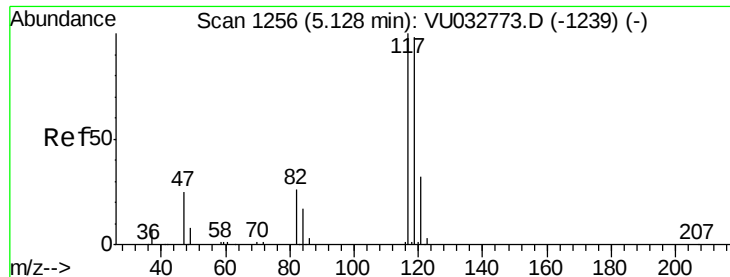


Abundance Ion 97.00 (96.70 to 97.70): VU032775.D (-1094) (-)

Ion 99.00 (98.70 to 99.70): VU032775.D (-1094) (-)

Ion 61.05 (60.75 to 61.75): VU032775.D (-1094) (-)

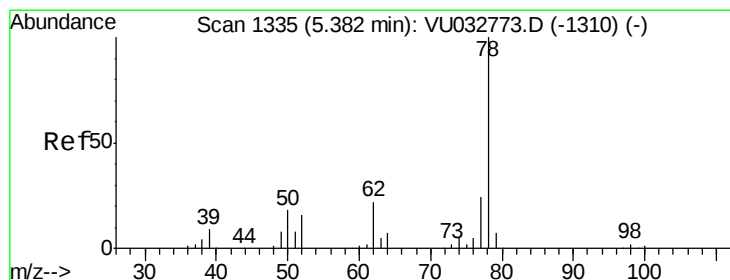
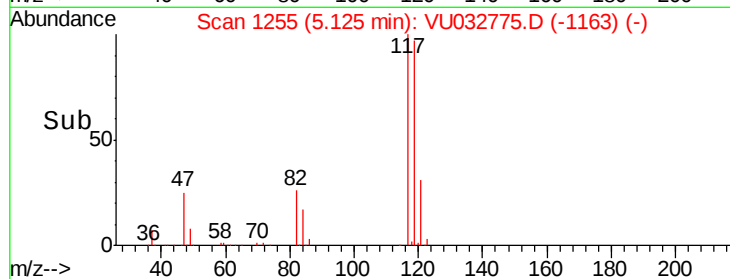
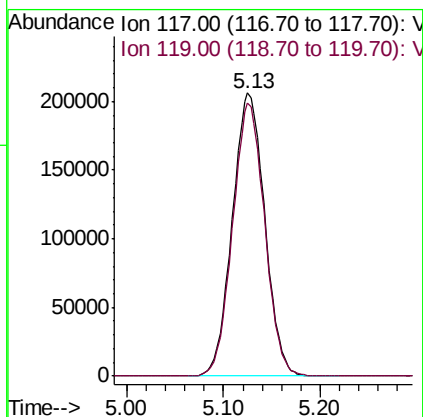
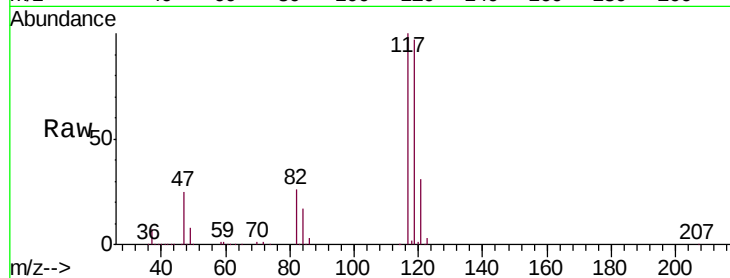




#31
Carbon tetrachloride
Concen: 209.313 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VU032775.D
Acq: 17 Jun 2019 12:11

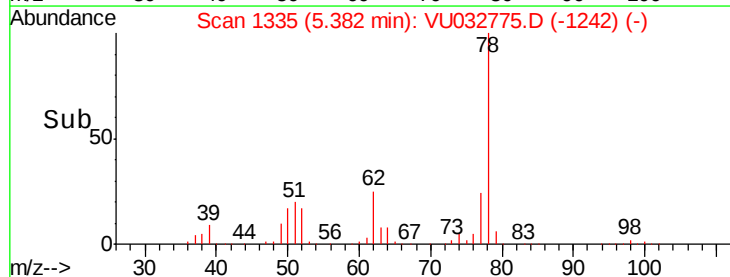
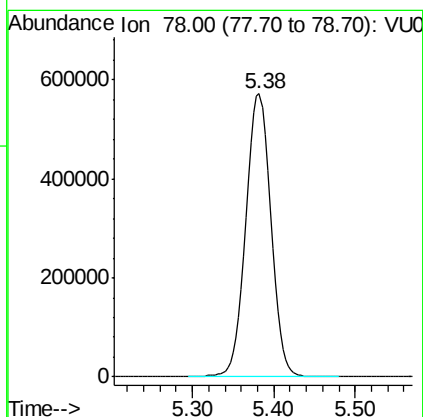
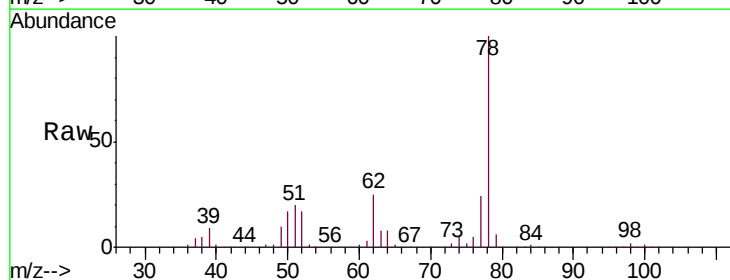
Instrument :
MSVOA_U
ClientSampleId :
VSTD20035

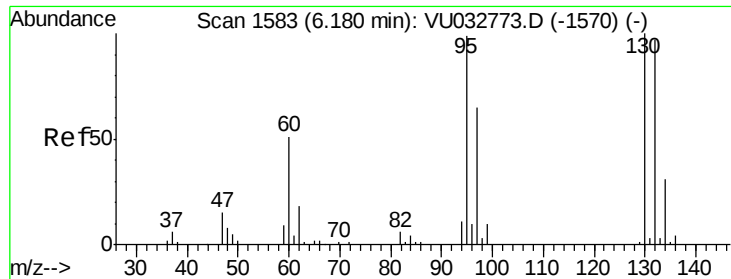
Tgt Ion:117 Resp: 479190
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5



#33
Benzene
Concen: 196.463 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032775.D
Acq: 17 Jun 2019 12:11

Tgt Ion: 78 Resp: 1208136





#34

Trichloroethene

Concen: 193.887 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD20035

Tgt Ion: 95 Resp: 323656

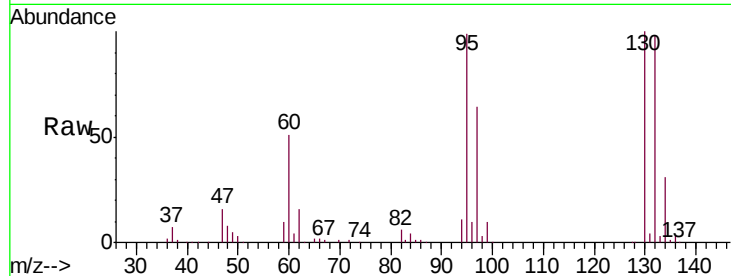
Ion Ratio Lower Upper

95 100

97 65.3 45.9 85.3

132 98.9 68.5 127.3

130 101.4 70.8 131.4

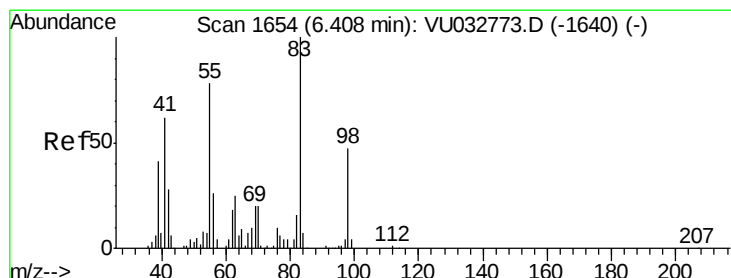
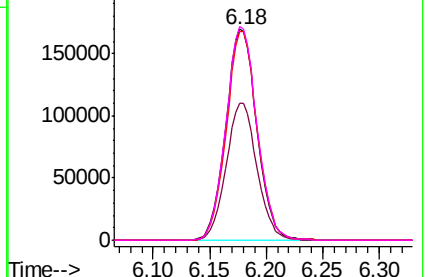
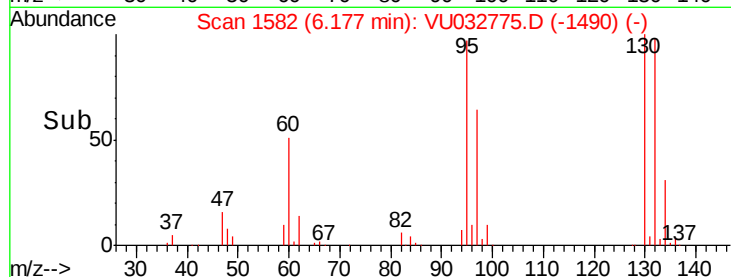


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 195.055 ug/L

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

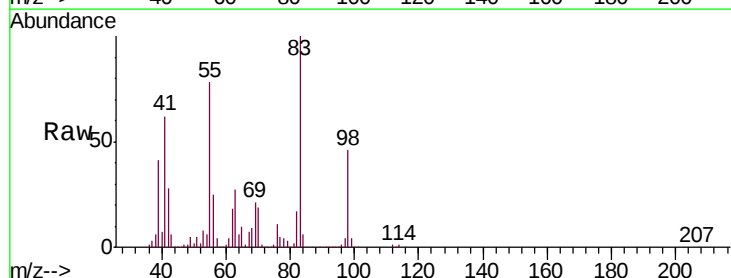
Tgt Ion: 83 Resp: 524117

Ion Ratio Lower Upper

83 100

55 77.9 62.6 94.0

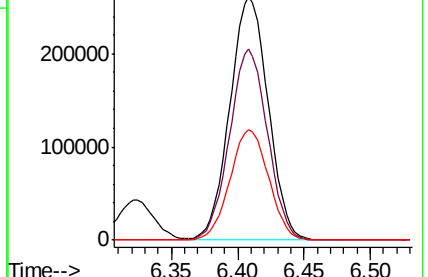
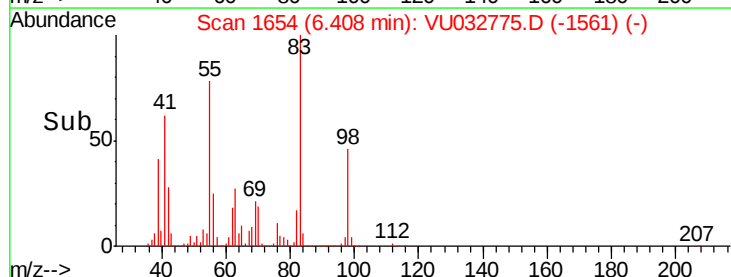
98 45.9 37.4 56.0

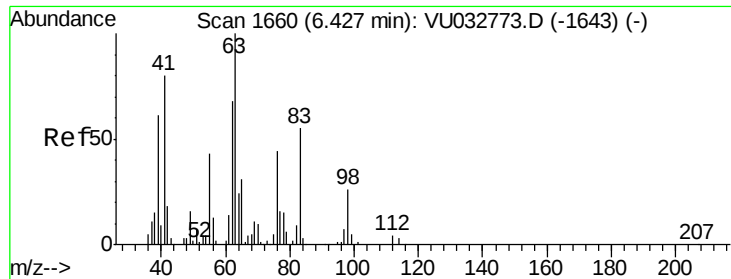


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

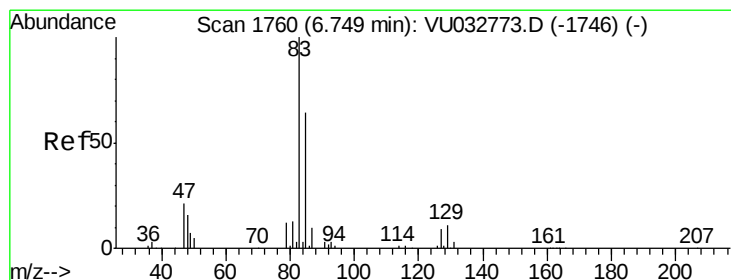
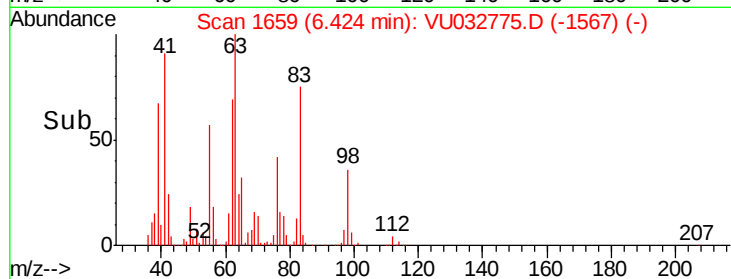
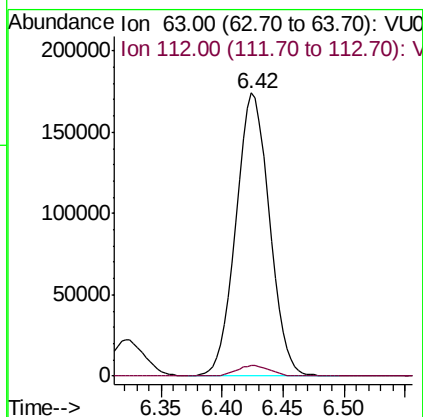
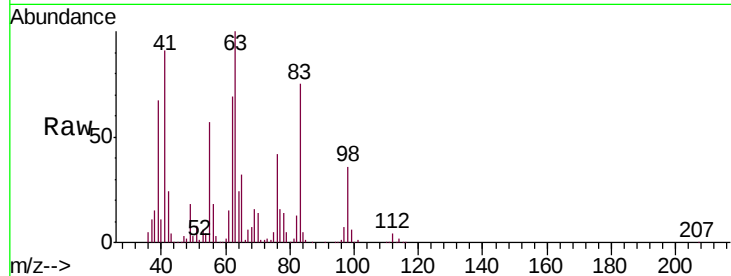




#37
 1,2-Dichloropropane
 Concen: 200.488 ug/L
 RT: 6.42 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VU032775.D
 Acq: 17 Jun 2019 12:11

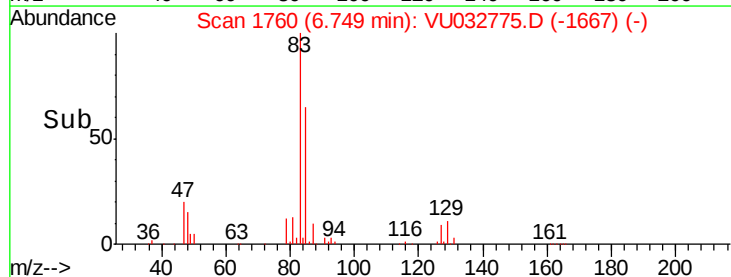
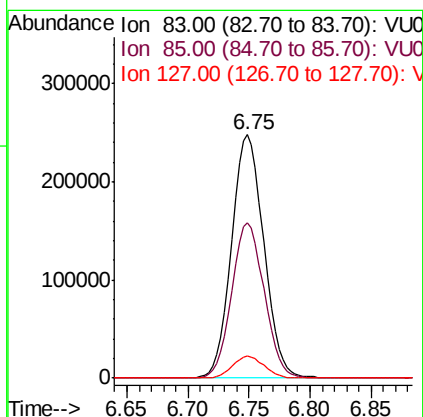
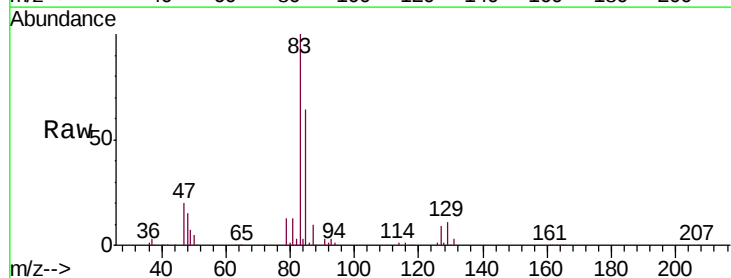
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20035

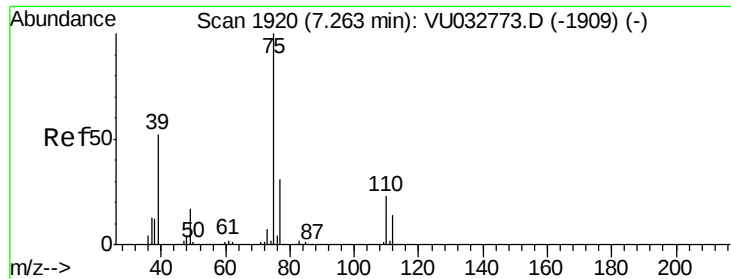
Tgt Ion: 63 Resp: 330413
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.0 4.6



#38
 Bromodichloromethane
 Concen: 213.843 ug/L
 RT: 6.75 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: VU032775.D
 Acq: 17 Jun 2019 12:11

Tgt Ion: 83 Resp: 455657
 Ion Ratio Lower Upper
 83 100
 85 63.9 45.0 83.6
 127 9.1 7.0 10.6

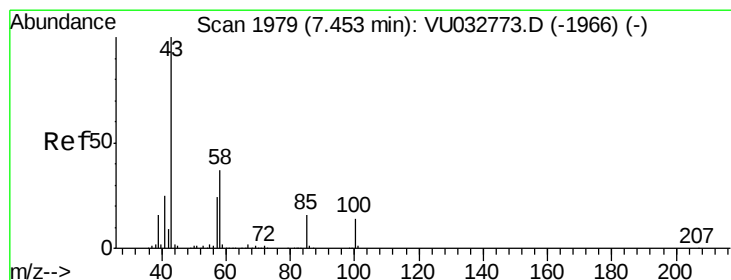
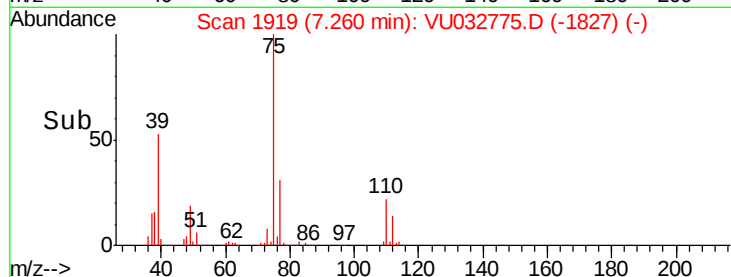
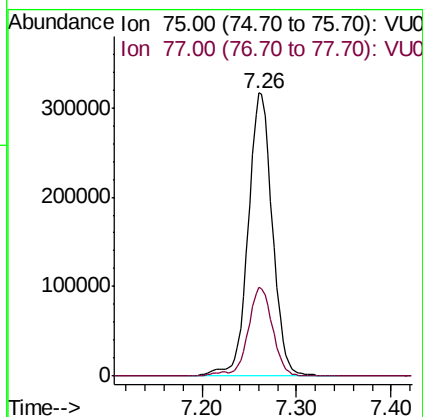
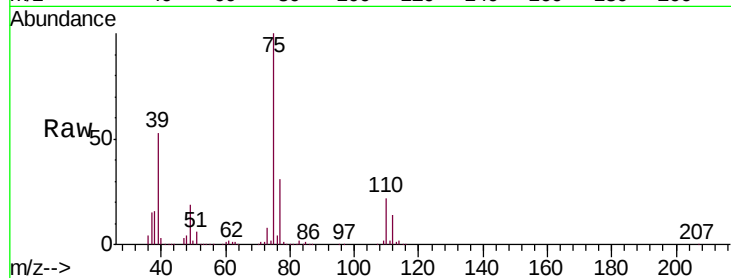




#39
 cis-1,3-Dichloropropene
 Concen: 218.304 ug/L
 RT: 7.26 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VU032775.D
 Acq: 17 Jun 2019 12:11

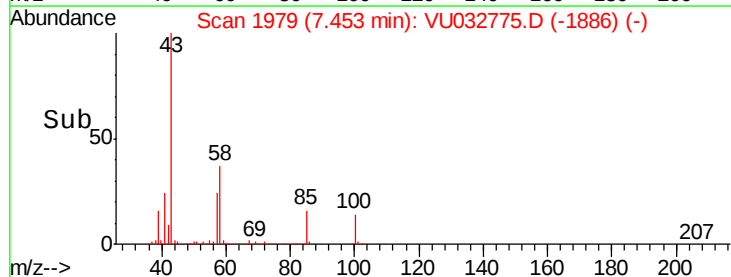
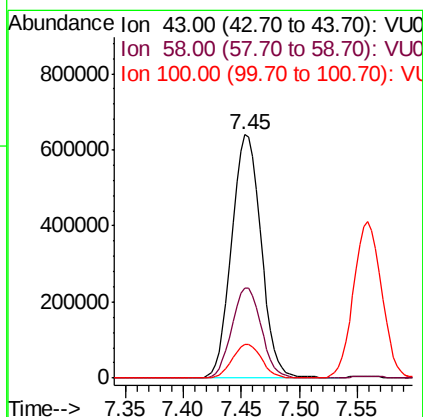
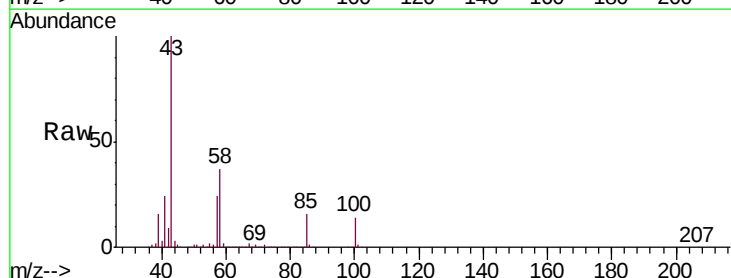
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20035

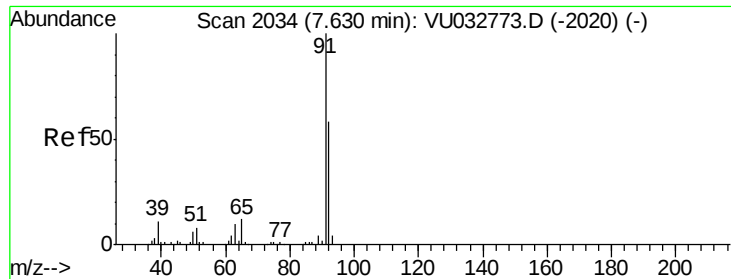
Tgt Ion: 75 Resp: 564110
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 430.693 ug/L
 RT: 7.45 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VU032775.D
 Acq: 17 Jun 2019 12:11

Tgt Ion: 43 Resp: 1125218
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.4 44.2
 100 13.8 11.2 16.8





#42

Toluene

Concen: 200.046 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

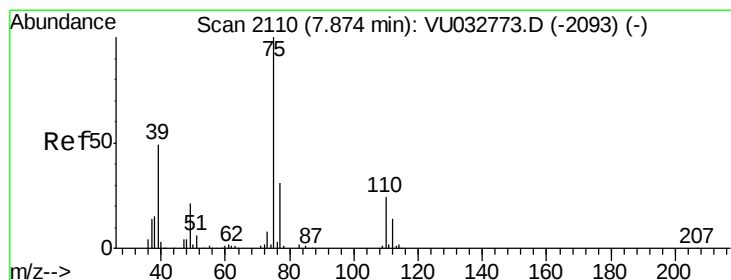
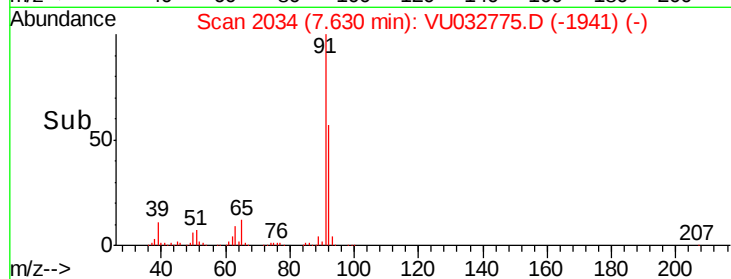
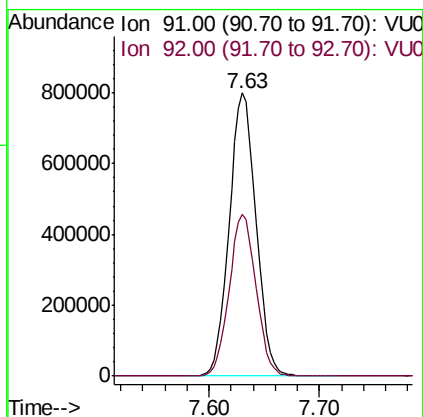
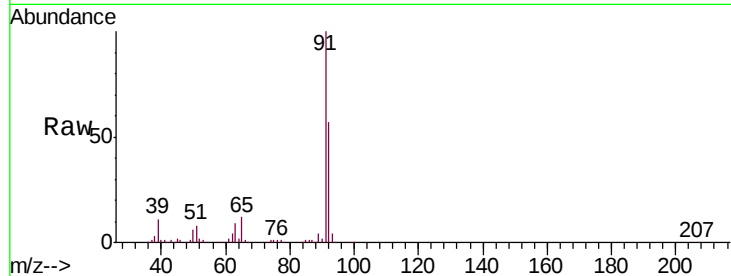
VSTD20035

Tgt Ion: 91 Resp: 1345613

Ion Ratio Lower Upper

91 100

92 57.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 225.637 ug/L

RT: 7.87 min Scan# 2109

Delta R.T. -0.00 min

Lab File: VU032775.D

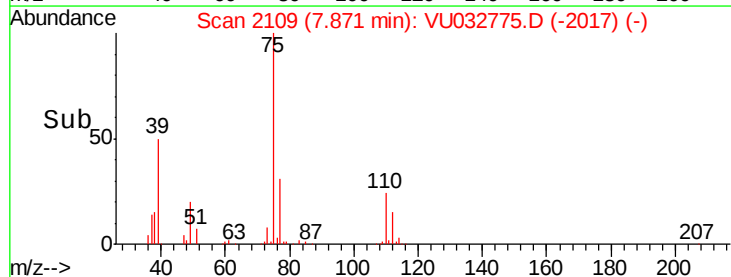
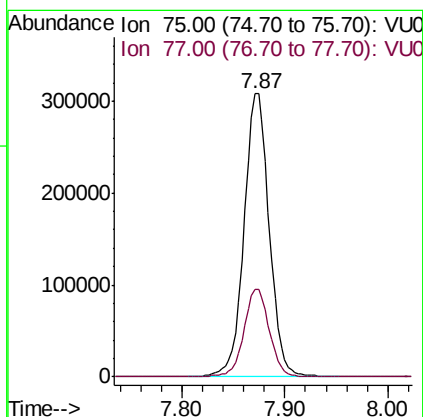
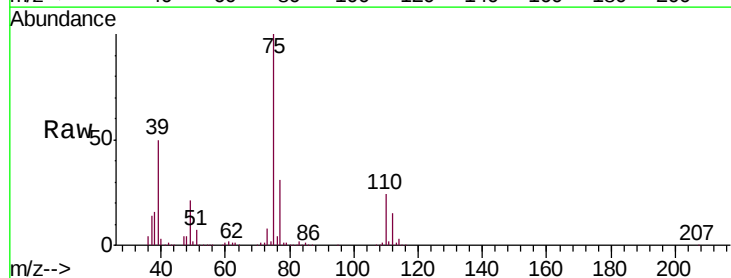
Acq: 17 Jun 2019 12:11

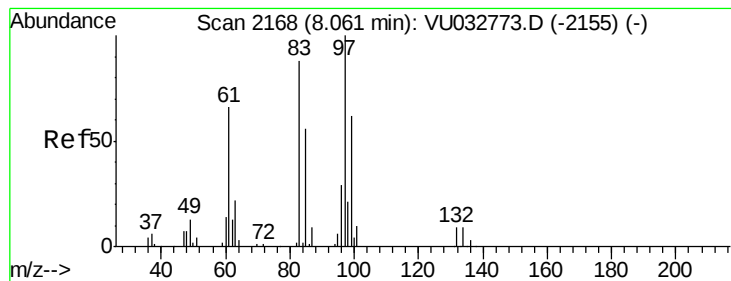
Tgt Ion: 75 Resp: 522596

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 203.417 ug/L

RT: 8.06 min Scan# 2168

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD20035

Tgt Ion: 97 Resp: 313977

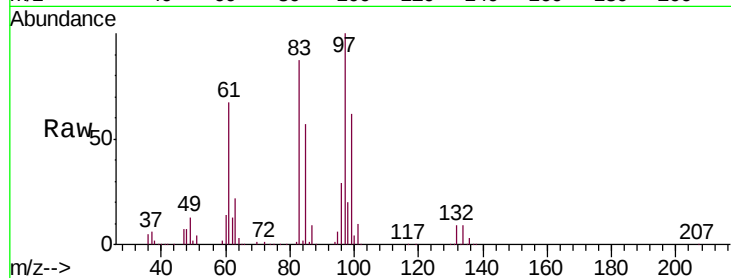
Ion Ratio Lower Upper

97 100

99 62.4 43.1 80.1

83 87.2 61.4 114.0

85 57.5 39.2 72.8

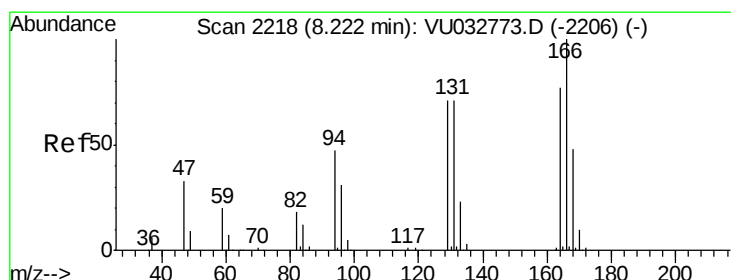
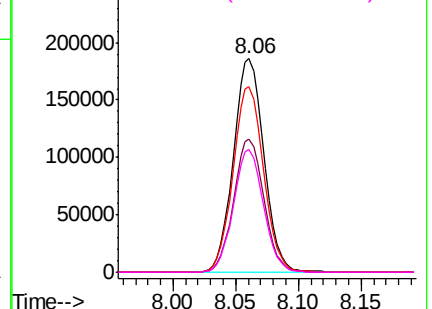
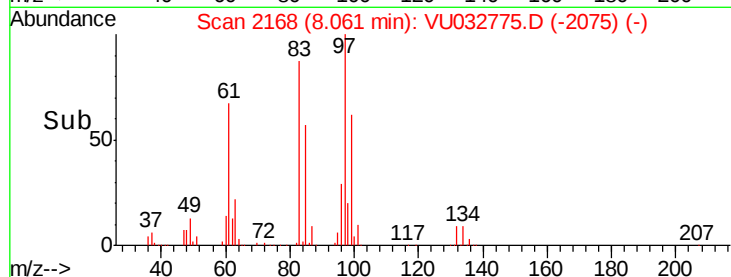


Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

Tetrachloroethene

Concen: 196.793 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Tgt Ion: 164 Resp: 270665

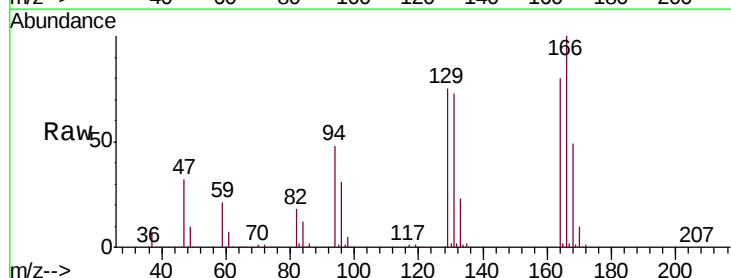
Ion Ratio Lower Upper

164 100

129 93.9 64.8 120.3

131 91.3 64.5 119.7

166 125.3 91.3 169.6

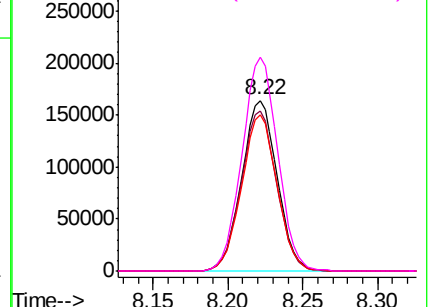
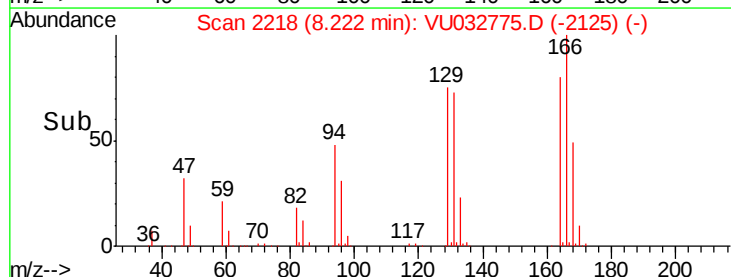


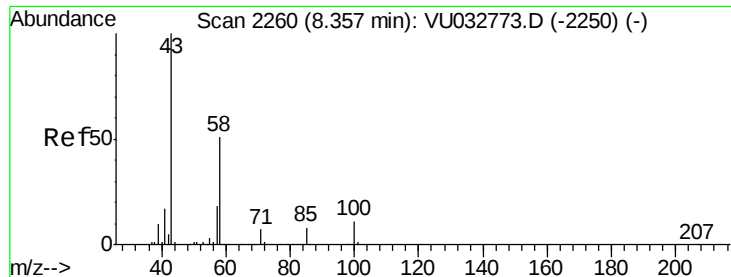
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

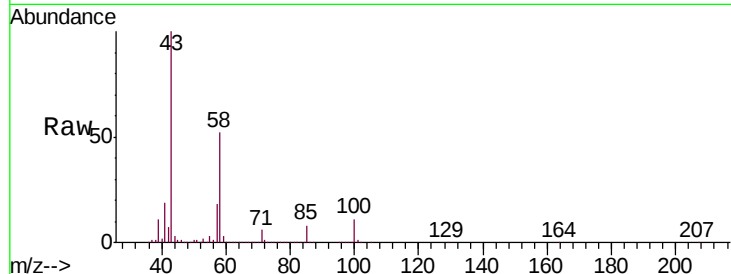




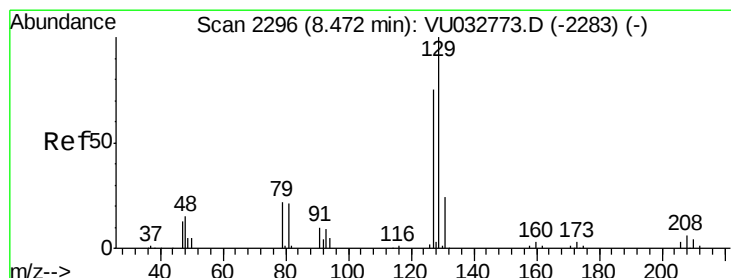
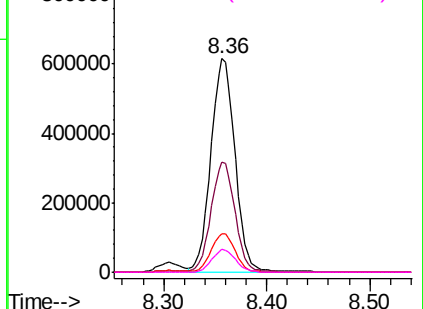
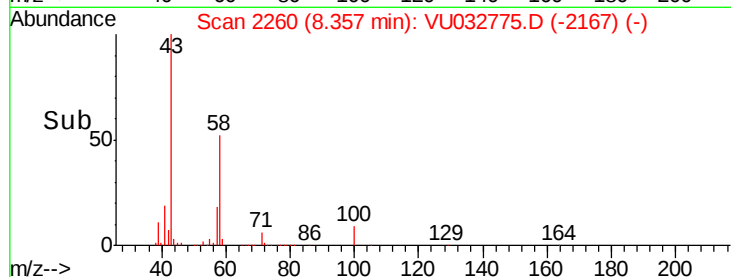
#48
2-Hexanone
Concen: 455.534 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. -0.00 min
Lab File: VU032775.D
Acq: 17 Jun 2019 12:11

Instrument :
MSVOA_U
ClientSampleId :
VSTD20035

Tgt Ion: 43 Resp: 994111
Ion Ratio Lower Upper
43 100
58 51.1 40.2 60.2
57 18.3 14.2 21.4
100 10.6 8.4 12.6

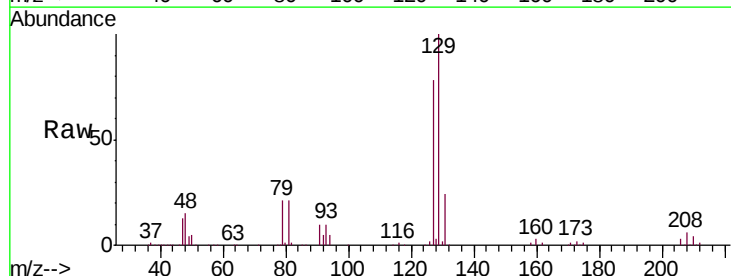


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

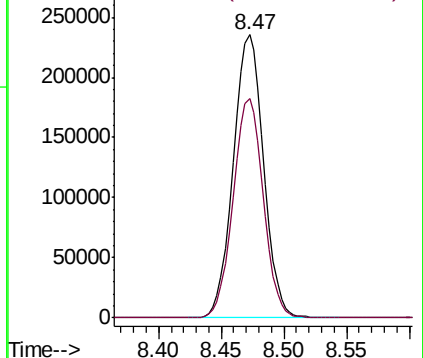
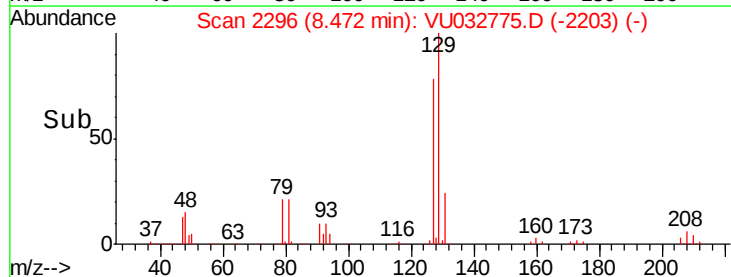


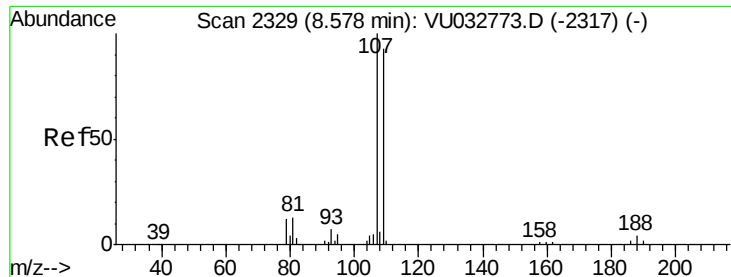
#49
Dibromochloromethane
Concen: 218.906 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU032775.D
Acq: 17 Jun 2019 12:11

Tgt Ion: 129 Resp: 395653
Ion Ratio Lower Upper
129 100
127 77.5 52.3 97.1



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

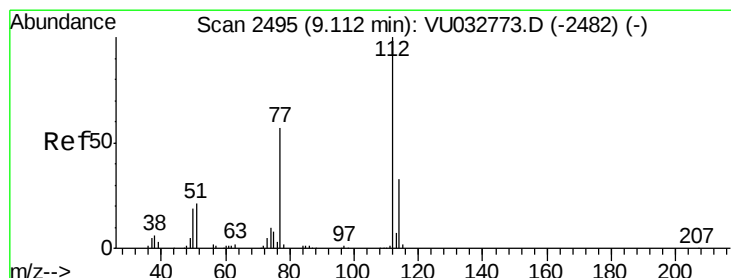
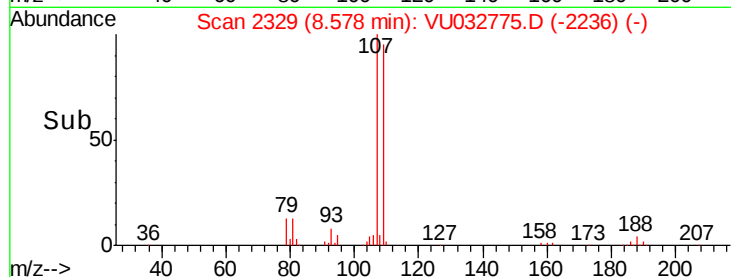
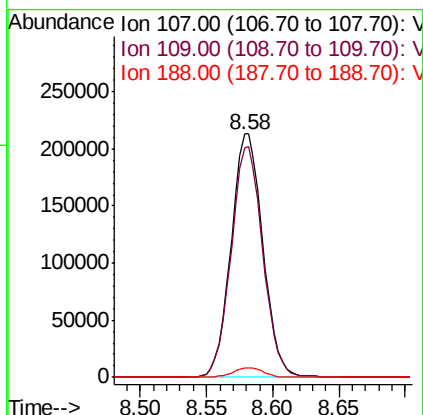
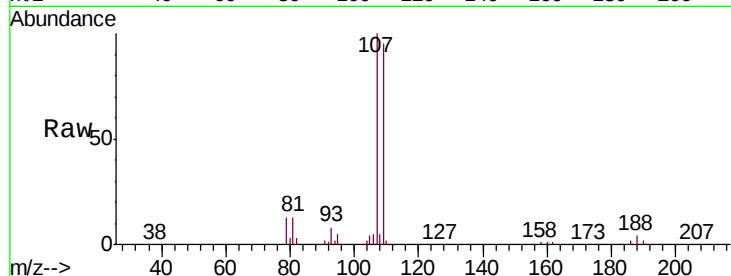




#50
1,2-Dibromoethane
Concen: 204.393 ug/L
RT: 8.58 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VU032775.D
Acq: 17 Jun 2019 12:11

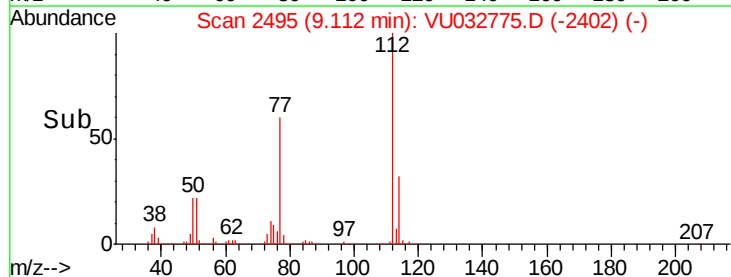
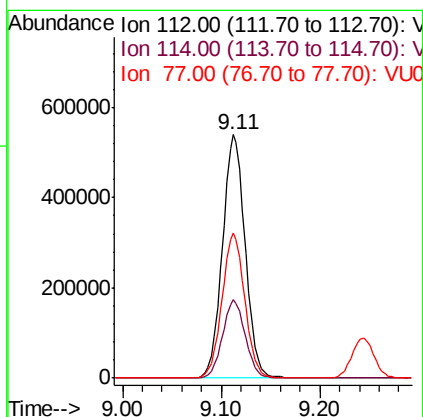
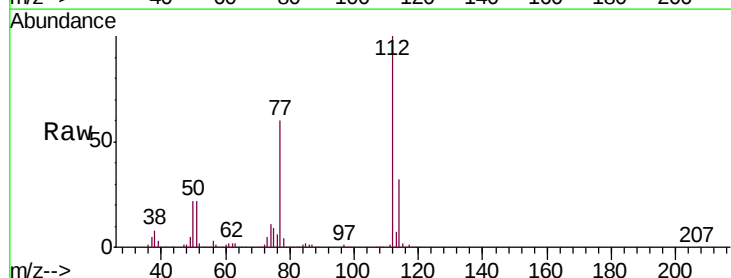
Instrument :
MSVOA_U
ClientSampleId :
VSTD20035

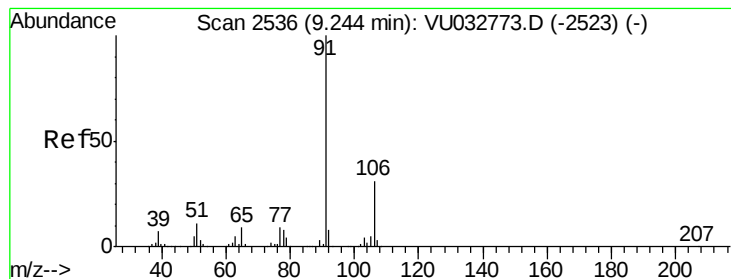
Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.5	65.4	121.4
188	3.9	3.1	4.7



#51
Chlorobenzene
Concen: 201.437 ug/L
RT: 9.11 min Scan# 2495
Delta R.T. -0.00 min
Lab File: VU032775.D
Acq: 17 Jun 2019 12:11

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.8	42.4
77	59.6	46.3	69.5





#52

Ethylbenzene

Concen: 208.400 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

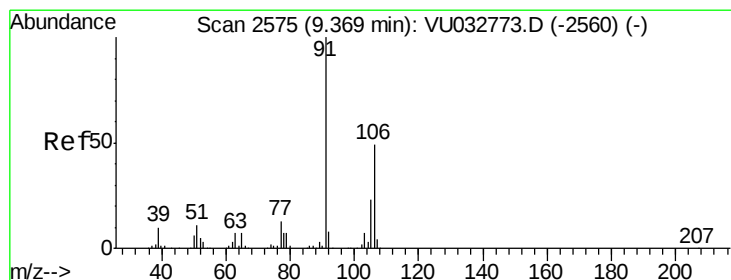
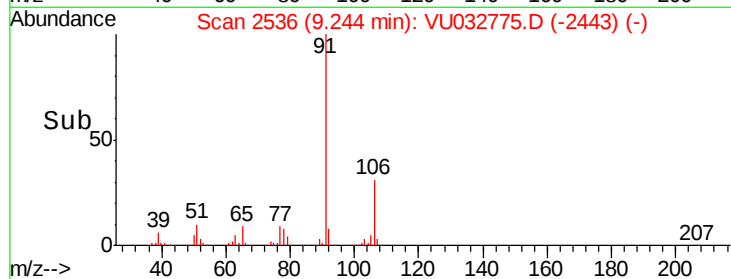
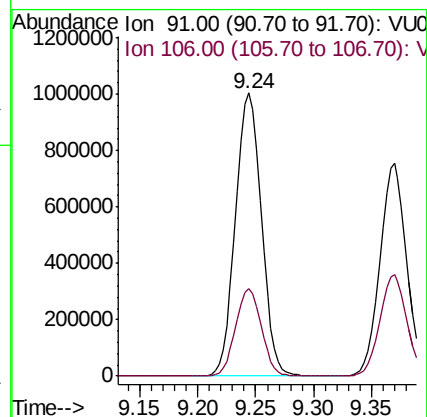
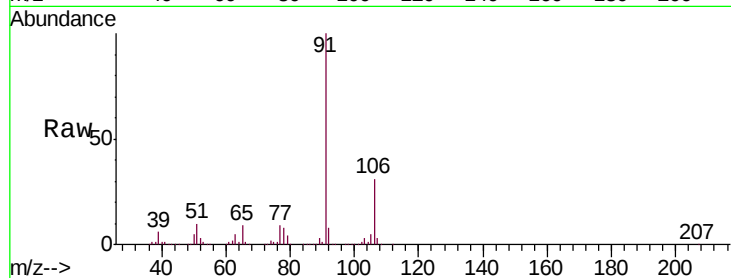
VSTD20035

Tgt Ion: 91 Resp: 1558828

Ion Ratio Lower Upper

91 100

106 30.8 21.8 40.4



#53

m,p-Xylene

Concen: 205.698 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU032775.D

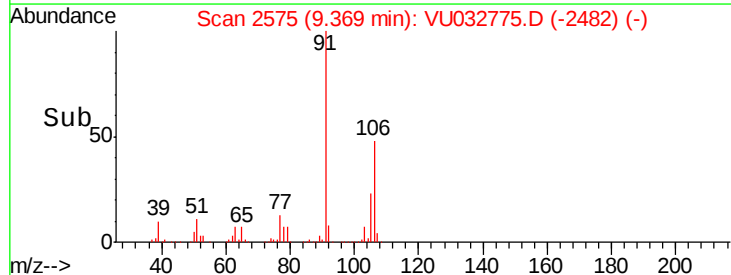
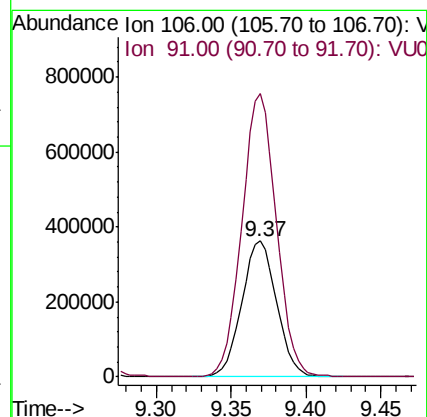
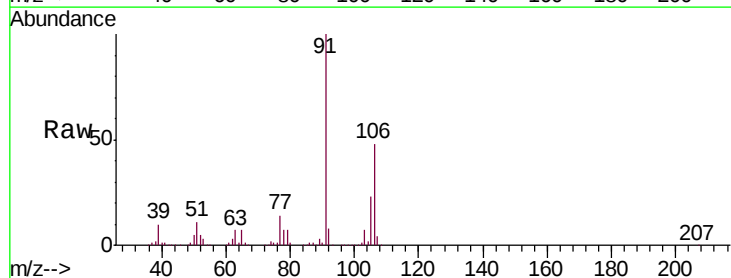
Acq: 17 Jun 2019 12:11

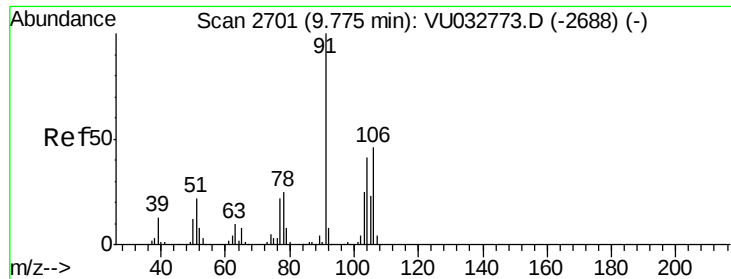
Tgt Ion: 106 Resp: 584107

Ion Ratio Lower Upper

106 100

91 208.3 142.9 265.5

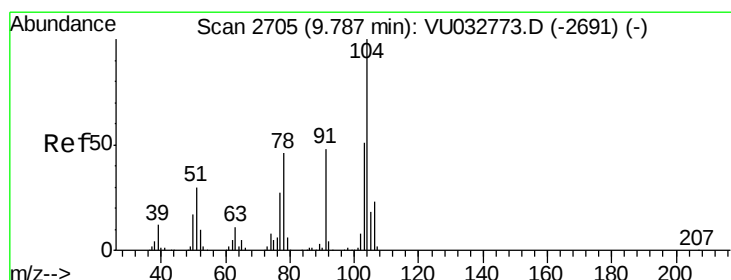
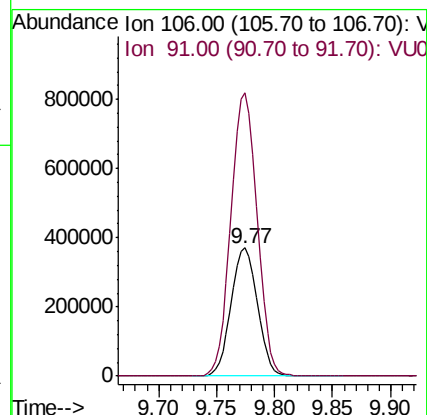
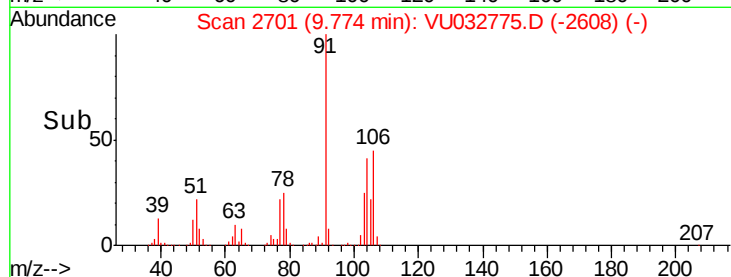
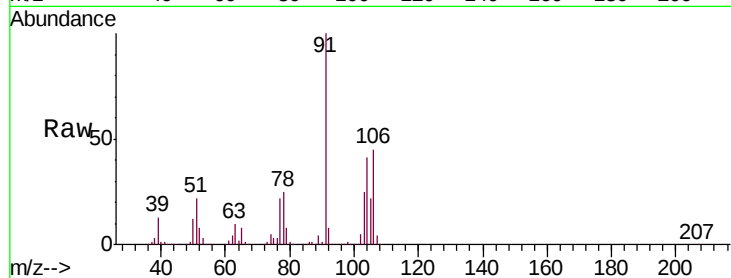




#54
o-xylene
Concen: 206.605 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU032775.D
Acq: 17 Jun 2019 12:11

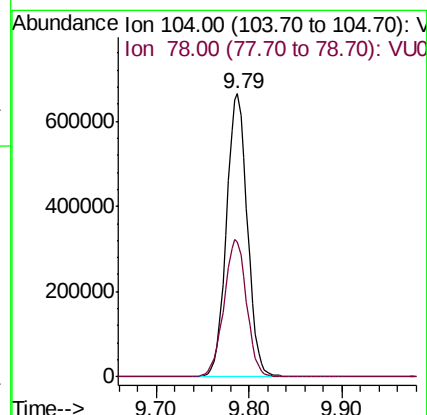
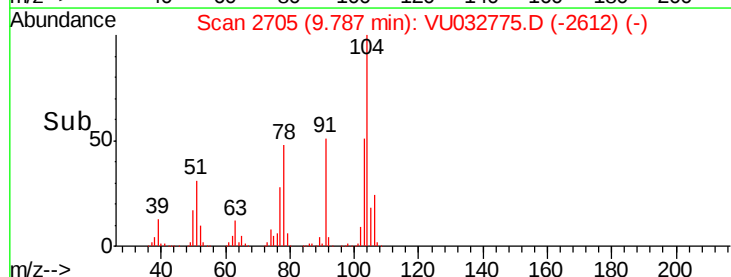
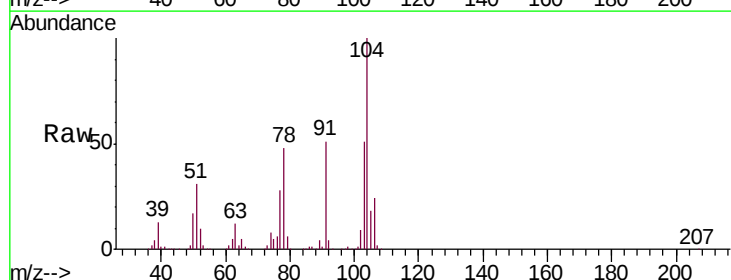
Instrument :
MSVOA_U
ClientSampleId :
VSTD20035

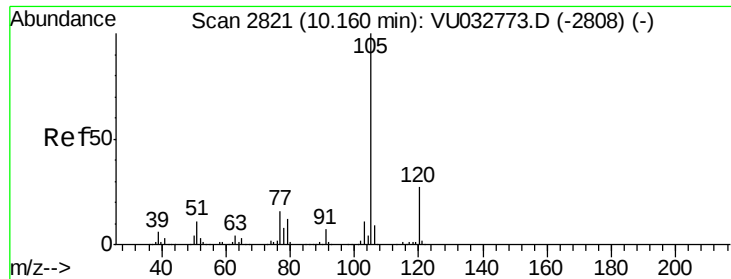
Tgt Ion:106 Resp: 581295
Ion Ratio Lower Upper
106 100
91 220.5 152.9 284.1



#55
Styrene
Concen: 220.079 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU032775.D
Acq: 17 Jun 2019 12:11

Tgt Ion:104 Resp: 1039411
Ion Ratio Lower Upper
104 100
78 47.8 32.1 59.5





#56

Isopropylbenzene

Concen: 213.661 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD20035

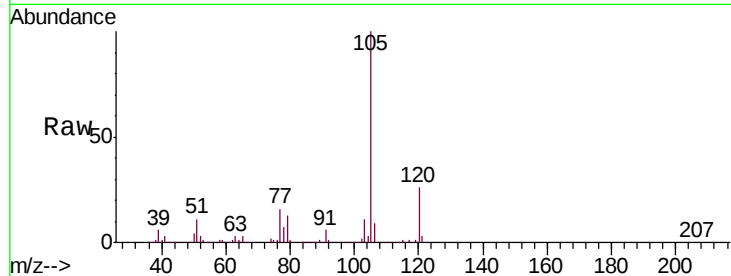
Tgt Ion:105 Resp: 1586521

Ion Ratio Lower Upper

105 100

120 26.1 21.4 32.0

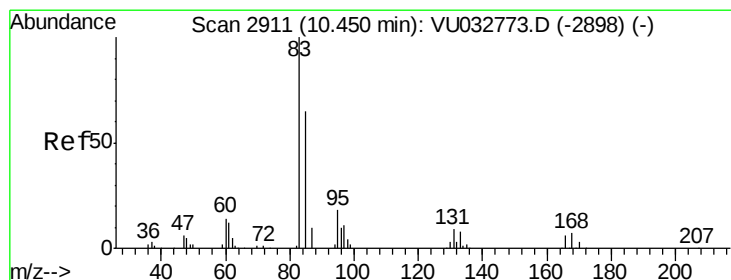
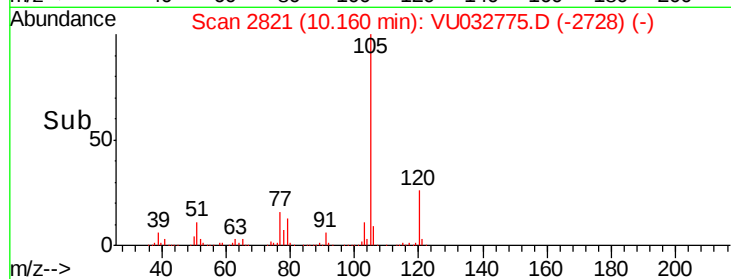
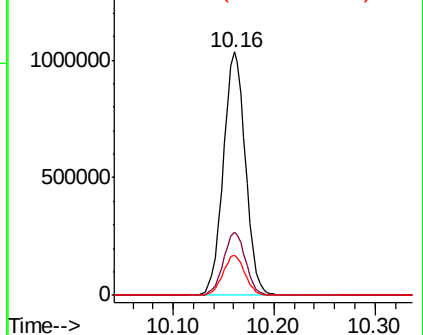
77 16.4 13.0 19.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 223.944 ug/L

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

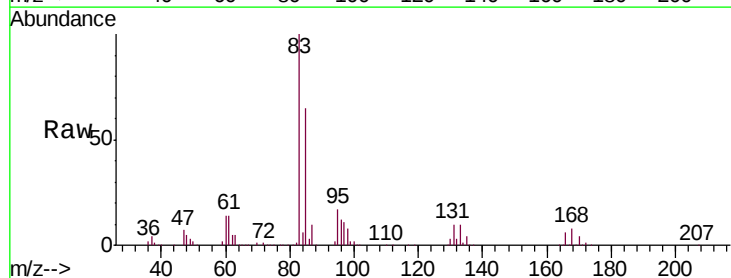
Tgt Ion: 83 Resp: 594413

Ion Ratio Lower Upper

83 100

85 64.6 45.8 85.2

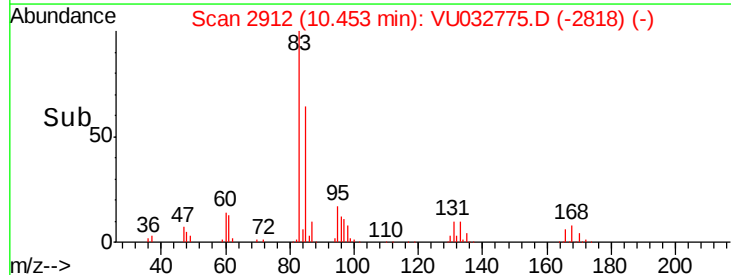
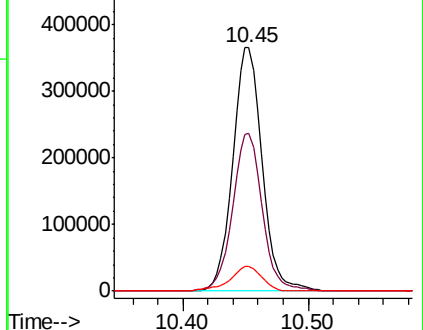
131 10.0 7.8 11.8

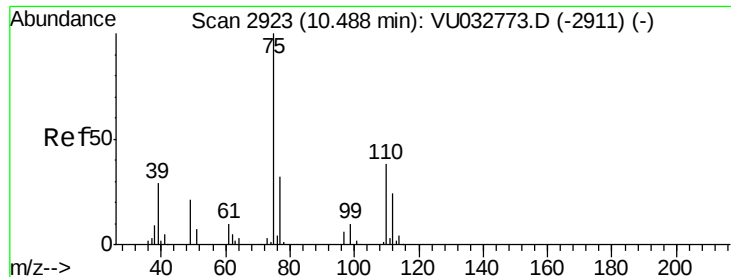


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V

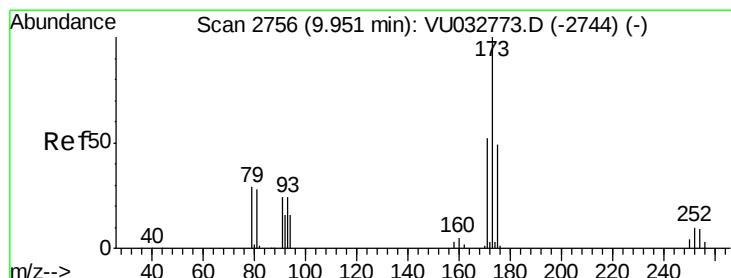
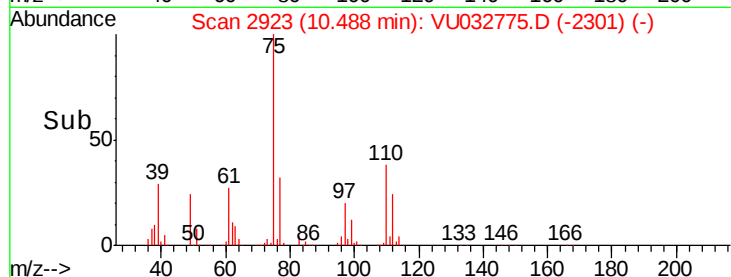
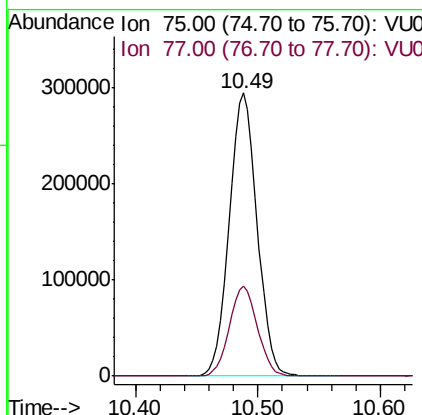
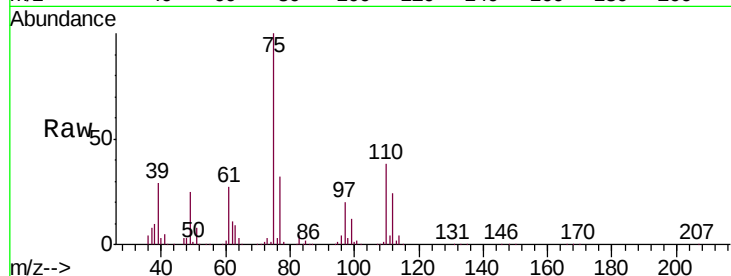




#59
 1,2,3-Trichloropropane
 Concen: 219.705 ug/L
 RT: 10.49 min Scan# 2923
 Delta R.T. -0.00 min
 Lab File: VU032775.D
 Acq: 17 Jun 2019 12:11

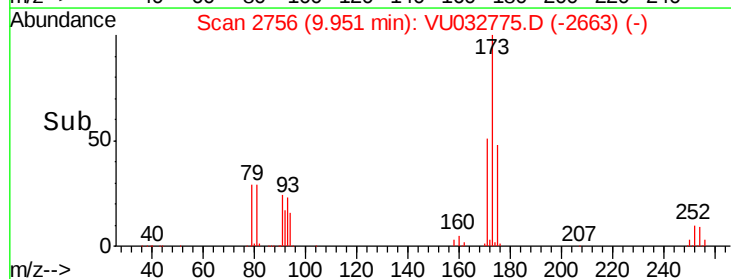
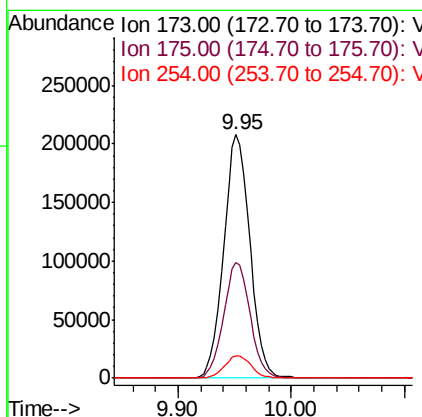
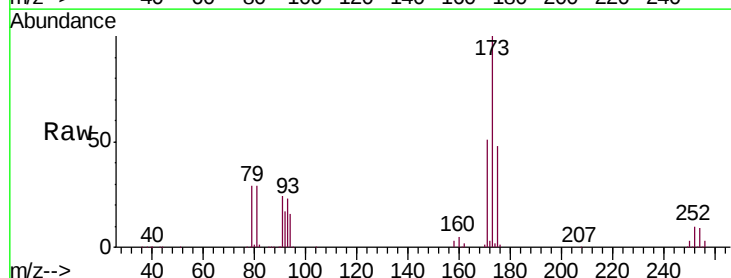
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20035

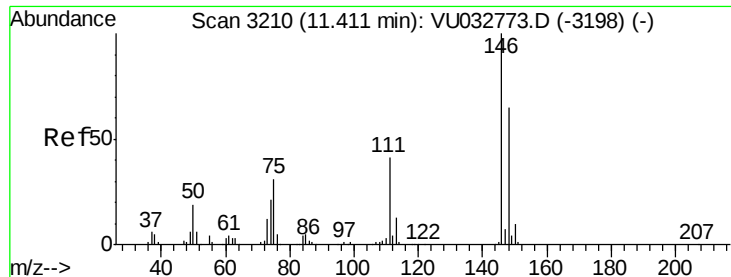
Tgt Ion: 75 Resp: 468294
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3



#61
 Bromoform
 Concen: 217.338 ug/L
 RT: 9.95 min Scan# 2756
 Delta R.T. -0.00 min
 Lab File: VU032775.D
 Acq: 17 Jun 2019 12:11

Tgt Ion: 173 Resp: 334106
 Ion Ratio Lower Upper
 173 100
 175 48.2 39.0 58.4
 254 9.4 7.5 11.3





#62

1,3-Dichlorobenzene

Concen: 200.694 ug/L

RT: 11.41 min Scan# 3210

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

Instrument :

MSVOA_U

ClientSampleId :

VSTD20035

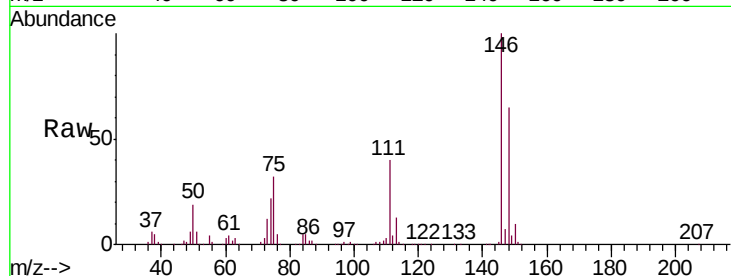
Tgt Ion:146 Resp: 770643

Ion Ratio Lower Upper

146 100

111 40.1 28.4 52.8

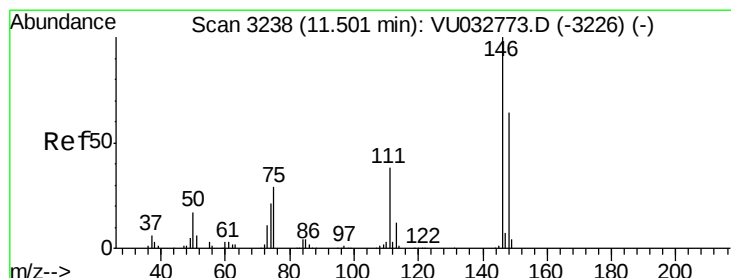
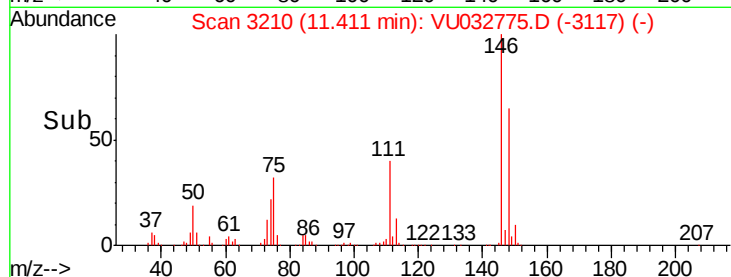
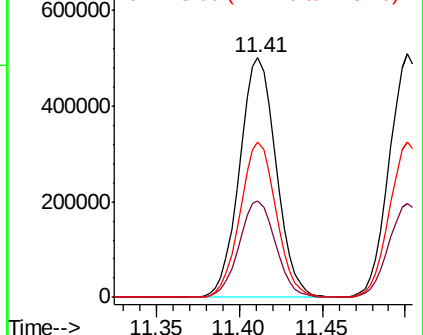
148 64.9 45.5 84.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 198.264 ug/L

RT: 11.50 min Scan# 3238

Delta R.T. -0.00 min

Lab File: VU032775.D

Acq: 17 Jun 2019 12:11

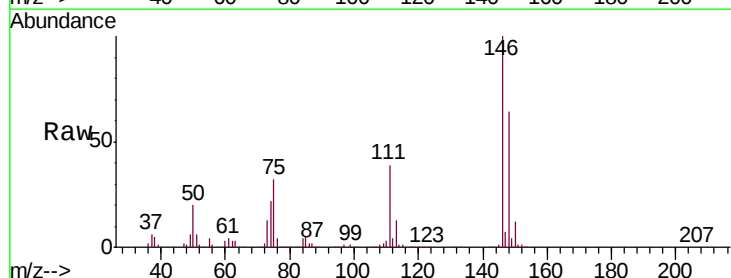
Tgt Ion:146 Resp: 783982

Ion Ratio Lower Upper

146 100

111 38.7 26.9 50.1

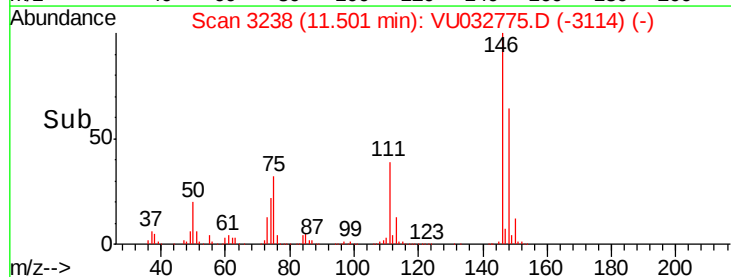
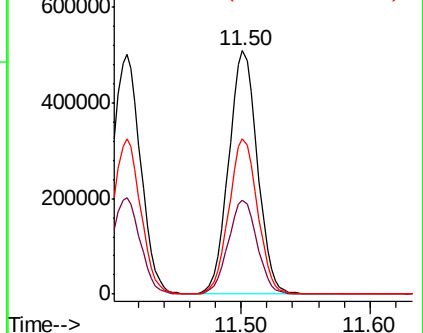
148 64.0 44.7 83.1

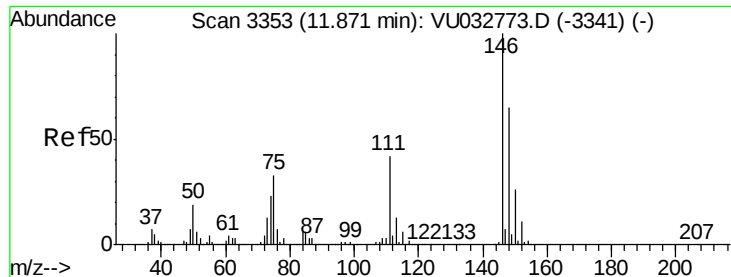


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

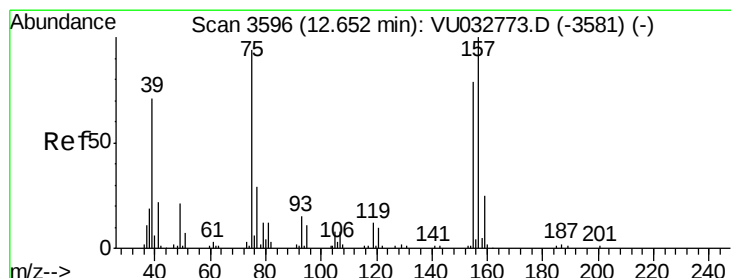
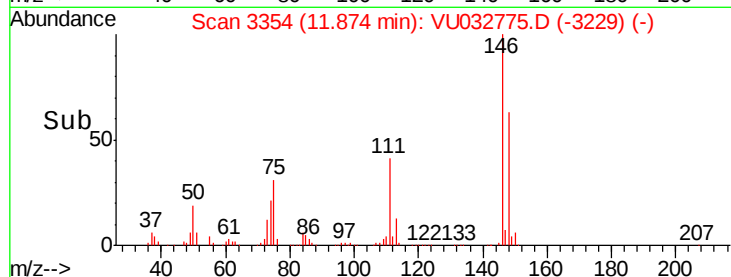
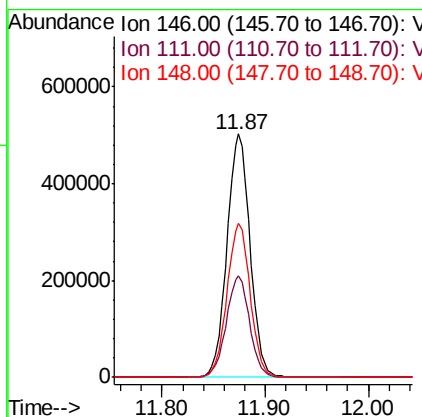
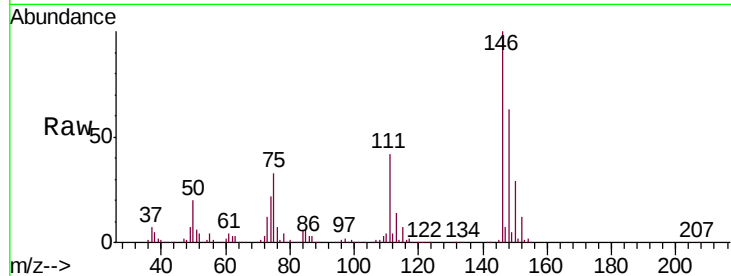




#65
 1,2-Dichlorobenzene
 Concen: 201.376 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU032775.D
 Acq: 17 Jun 2019 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20035

Tgt Ion: 146 Resp: 783075
 Ion Ratio Lower Upper
 146 100
 111 41.7 34.1 51.1
 148 63.4 52.0 78.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 241.737 ug/L
 RT: 12.65 min Scan# 3595
 Delta R.T. -0.00 min
 Lab File: VU032775.D
 Acq: 17 Jun 2019 12:11

Tgt Ion: 75 Resp: 160667
 Ion Ratio Lower Upper
 75 100
 155 82.1 67.4 101.2
 157 105.9 85.5 128.3

