

Data File : VU034417.D
Acq On : 09 Sep 2019 08:53
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Quant Time: Sep 10 05:33:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	283355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	379152	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	386126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	267563	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	206245	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	4.86	113	188863	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
50) Toluene-d8	7.54	98	720549	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
62) 4-Bromofluorobenzene	10.29	95	272871	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.20	85	140935	47.557	ug/l	98
3) Chloromethane	1.32	50	153837	48.046	ug/l	100
4) Vinyl Chloride	1.40	62	166807	45.170	ug/l	99
5) Bromomethane	1.61	94	104064	56.038	ug/l	99
6) Chloroethane	1.69	64	108608	50.613	ug/l	96
7) Trichlorofluoromethane	1.88	101	242419	48.959	ug/l	98
8) Diethyl Ether	2.09	74	104985	48.203	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	164942	50.295	ug/l	98
10) Methyl Iodide	2.40	142	119565	40.630	ug/l	99
11) Tert butyl alcohol	2.81	59	185721	205.049	ug/l	100
12) 1,1-Dichloroethene	2.27	96	146268	47.445	ug/l	98
13) Acrolein	2.18	56	178094	233.945	ug/l	99
14) Allyl chloride	2.58	41	229284	38.902	ug/l	89
15) Acrylonitrile	2.92	53	543859	241.126	ug/l	98
16) Acetone	2.31	43	666101	300.231	ug/l	98
17) Carbon Disulfide	2.47	76	297539	42.942	ug/l	99
18) Methyl Acetate	2.60	43	237486	43.991	ug/l	96
19) Methyl tert-butyl Ether	2.98	73	548084	48.775	ug/l	100
20) Methylene Chloride	2.69	84	191003	52.581	ug/l	96
21) trans-1,2-Dichloroethene	2.97	96	155422	47.840	ug/l	97
22) Diisopropyl ether	3.55	45	568574	49.467	ug/l	98
23) Vinyl Acetate	3.50	43	2305148	246.208	ug/l	98
24) 1,1-Dichloroethane	3.43	63	327717	47.743	ug/l	100
25) 2-Butanone	4.23	43	787308	265.841	ug/l	98
26) 2,2-Dichloropropane	4.20	77	269918	48.892	ug/l	98
27) cis-1,2-Dichloroethene	4.20	96	192627	48.819	ug/l	97
28) Bromochloromethane	4.52	49	161304	51.090	ug/l	96
29) Tetrahydrofuran	4.61	42	427865	237.421	ug/l	99
30) Chloroform	4.65	83	335637	48.105	ug/l	99
31) Cyclohexane	4.97	56	230194	45.840	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	274817	49.264	ug/l	99
36) 1,1-Dichloropropene	5.12	75	214615	52.193	ug/l	100
37) Ethyl Acetate	4.36	43	247435	50.895	ug/l	100
38) Carbon Tetrachloride	5.11	117	232034	52.850	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	225235	51.240	ug/l	100
40) Benzene	5.37	78	702111	52.917	ug/l	99
41) Methacrylonitrile	4.52	41	137812	53.217	ug/l	99
42) 1,2-Dichloroethane	5.38	62	239799	52.055	ug/l	99
43) Isopropyl Acetate	5.53	43	376075	49.587	ug/l	99
44) Trichloroethene	6.16	130	192225	52.355	ug/l	99
45) 1,2-Dichloropropane	6.41	63	205006	52.852	ug/l	98
46) Dibromomethane	6.54	93	128946	52.960	ug/l	95
47) Bromodichloromethane	6.73	83	268694	53.613	ug/l	98
48) Methyl methacrylate	6.60	41	178382	49.521	ug/l	96
49) 1,4-Dioxane	6.59	88	73801	938.253	ug/l	100
51) 4-Methyl-2-Pentanone	7.44	43	1341270	255.494	ug/l	99
52) Toluene	7.62	92	454080	54.556	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	272374	52.427	ug/l	98
54) cis-1,3-Dichloropropene	7.25	75	309567	54.290	ug/l	100
55) 1,1,2-Trichloroethane	8.04	97	207147	54.810	ug/l	99
56) Ethyl methacrylate	8.00	69	273807	47.828	ug/l	97
57) 1,3-Dichloropropane	8.22	76	327007	53.136	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	406754	212.083	ug/l	100
59) 2-Hexanone	8.34	43	1075075	274.127	ug/l	99
60) Dibromochloromethane	8.46	129	226912	55.976	ug/l	98
61) 1,2-Dibromoethane	8.57	107	200996	54.336	ug/l	99
64) Tetrachloroethene	8.21	164	177748	53.061	ug/l	99
65) Chlorobenzene	9.10	112	520331	53.116	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	200688	53.681	ug/l	99
67) Ethyl Benzene	9.23	91	856402	53.467	ug/l	99
68) m/p-Xylenes	9.35	106	697083	115.574	ug/l	98
69) o-Xylene	9.76	106	325549	55.191	ug/l	100
70) Styrene	9.77	104	607015	58.696	ug/l	98
71) Bromoform	9.94	173	178051	54.953	ug/l #	99
73) Isopropylbenzene	10.14	105	917017	52.665	ug/l	99
74) N-amyl acetate	9.99	43	344790	49.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	342863	48.646	ug/l	99
76) 1,2,3-Trichloropropane	10.47	75	369496	63.265	ug/l	82
77) Bromobenzene	10.43	156	249574	51.261	ug/l	97
78) n-propylbenzene	10.57	91	1079771	53.694	ug/l	99
79) 2-Chlorotoluene	10.64	91	643380	52.435	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	813148	55.838	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.47	75	369496	212.757	ug/l #	100
82) 4-Chlorotoluene	10.75	91	748600	53.016	ug/l	98
83) tert-Butylbenzene	11.08	119	770235	52.871	ug/l	99
84) 1,2,4-Trimethylbenzene	11.12	105	814073	55.534	ug/l	99
85) sec-Butylbenzene	11.30	105	934196	54.318	ug/l	100
86) p-Isopropyltoluene	11.45	119	876178	55.195	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	467736	52.647	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	472889	51.031	ug/l	99
89) n-Butylbenzene	11.87	91	770944	55.886	ug/l	99
90) Hexachloroethane	12.12	117	131970	51.963	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	456380	52.269	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.63	75	66523	51.363	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090919\
Quantitation Report (Not Reviewed)

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QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	311671	49.272	ug/l	99
94) Hexachlorobutadiene	13.67	225	159549	52.239	ug/l	99
95) Naphthalene	13.72	128	792295	44.872	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	306627	50.125	ug/l	99

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

Data File : VU034417.D

Acq On : 09 Sep 2019 08:53

Operator : JC/SP

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA U/WATER

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ALS Vial      : 2      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

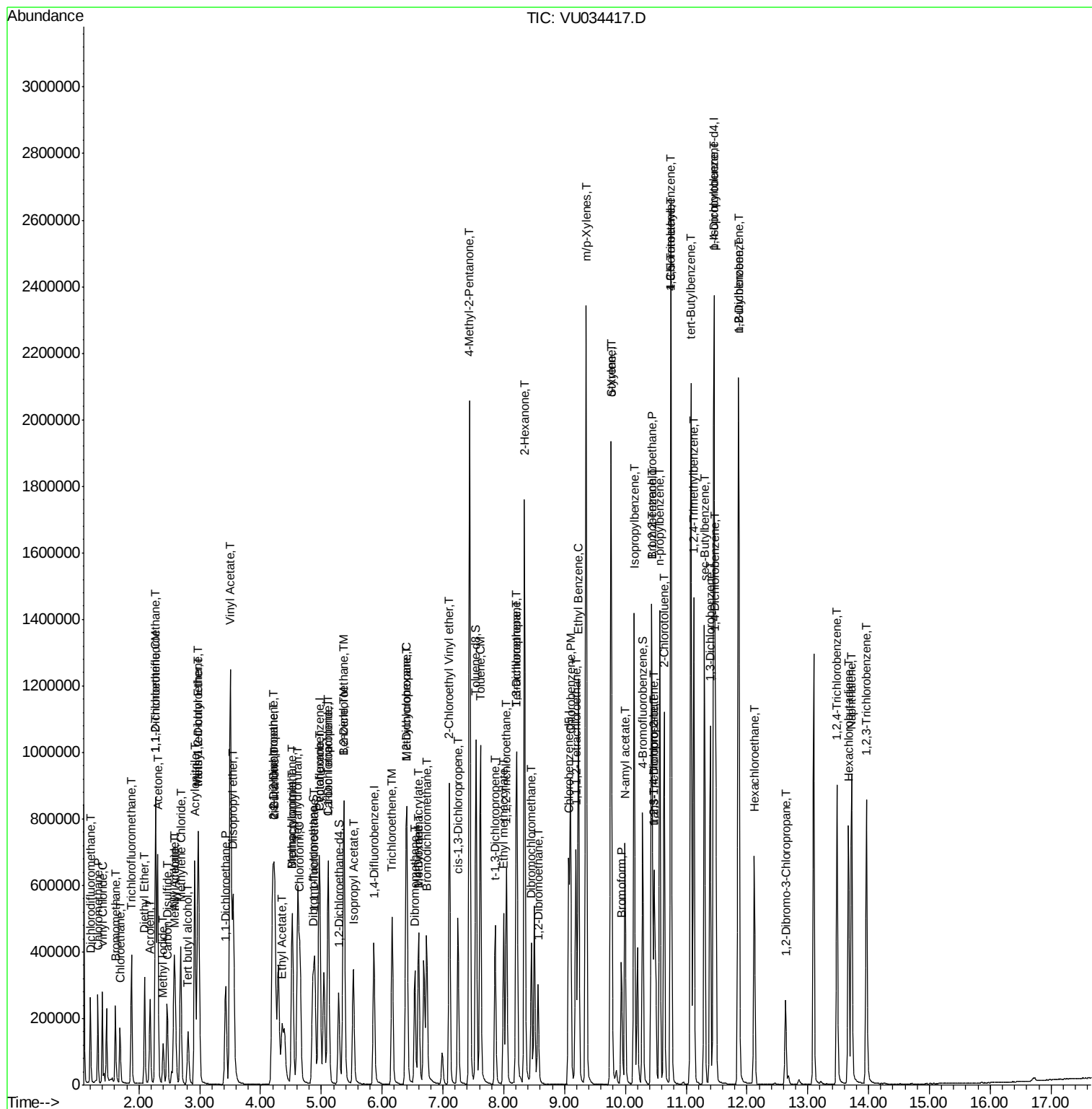
Quant Time: Sep 10 05:33:03 2019

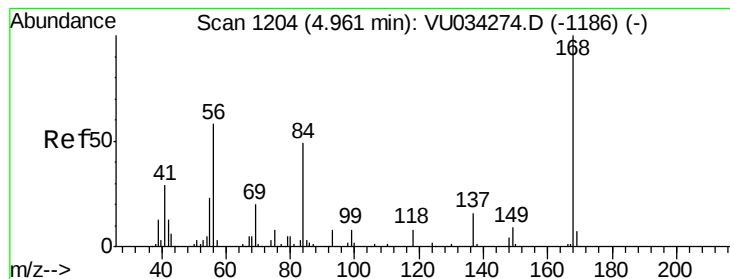
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\82U090619W.M

Quant Title : SW846 8260

QLast Update : Fri Sep 06 05:10:13 2019

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

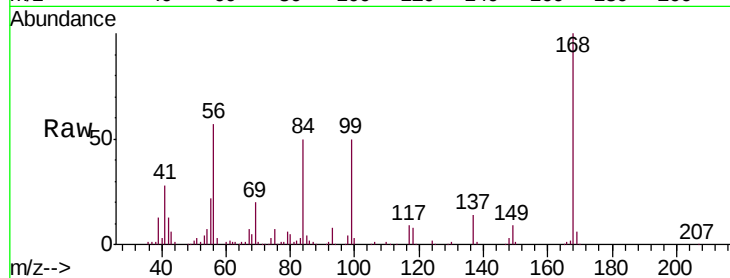
VSTDCCC050

Tgt Ion:168 Resp: 283355

Ion Ratio Lower Upper

168 100

99 49.8 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

150000

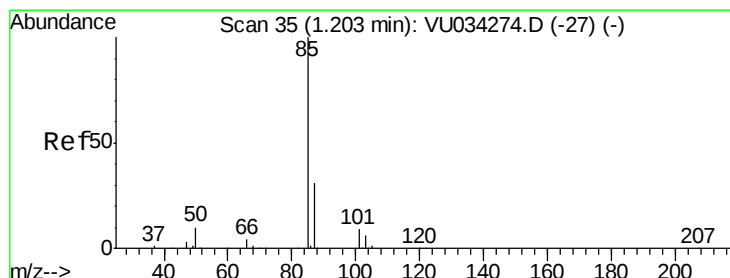
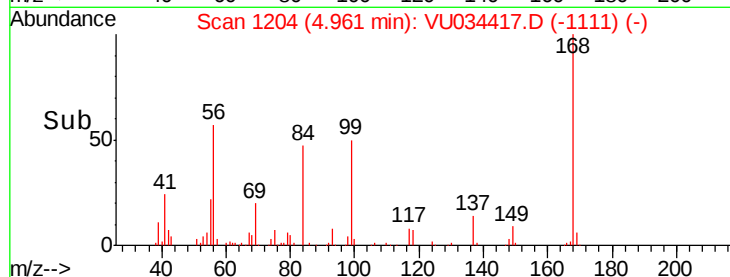
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 47.557 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU034417.D

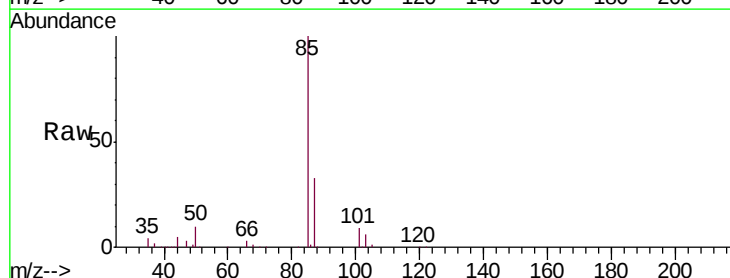
Acq: 09 Sep 2019 08:53

Tgt Ion: 85 Resp: 140935

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034274.D (-27) (-)

Ion 86.90 (86.60 to 87.60): VU034274.D (-27) (-)

1.20

150000

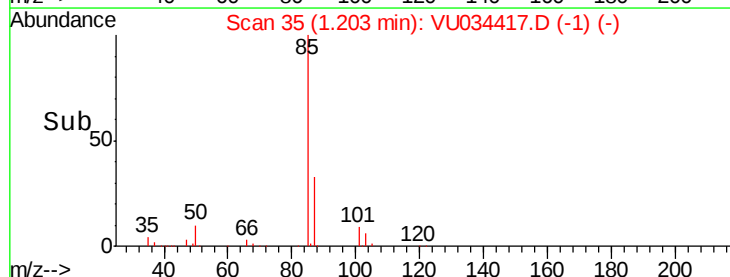
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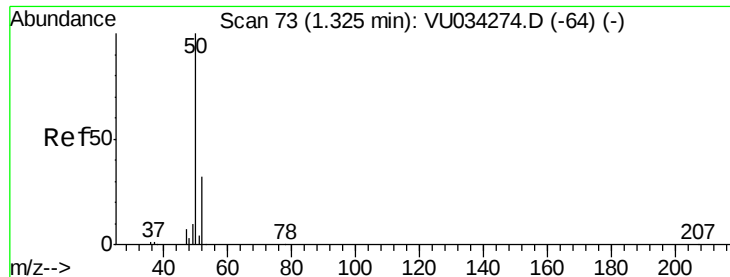
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 48.046 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

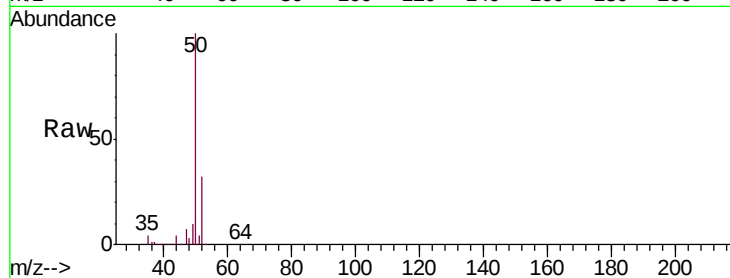
VSTDCCC050

Tgt Ion: 50 Resp: 153837

Ion Ratio Lower Upper

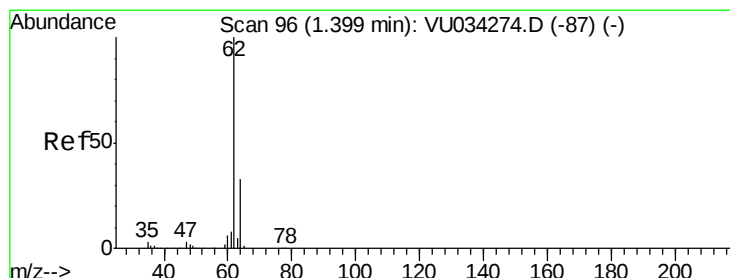
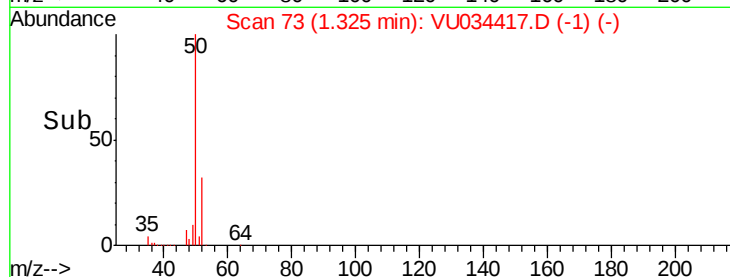
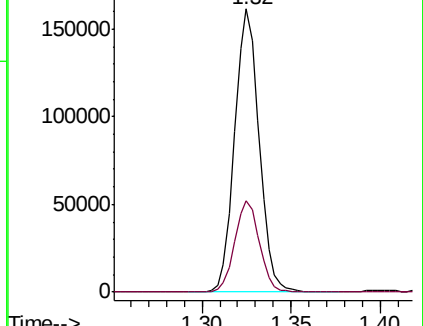
50 100

52 32.4 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VU034417.D (-64) (-)

Ion 51.90 (51.60 to 52.60): VU034417.D (-64) (-)



#4

Vinyl Chloride

Concen: 45.170 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU034417.D

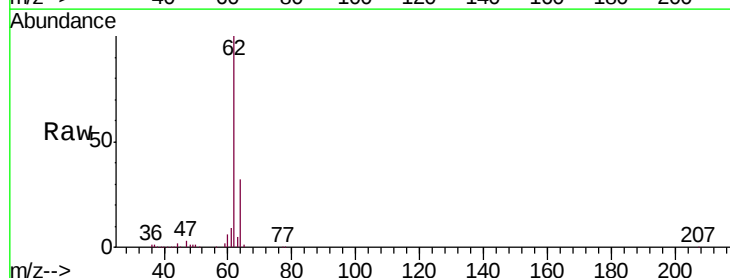
Acq: 09 Sep 2019 08:53

Tgt Ion: 62 Resp: 166807

Ion Ratio Lower Upper

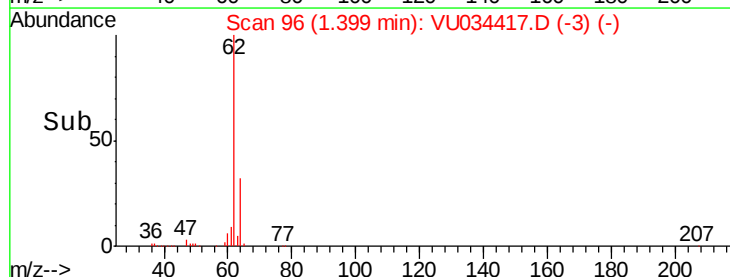
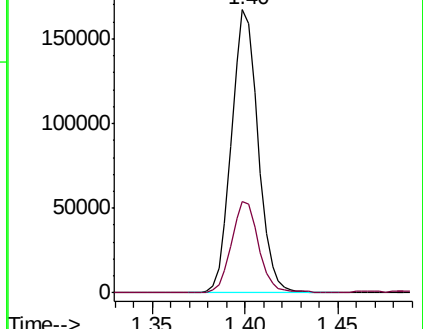
62 100

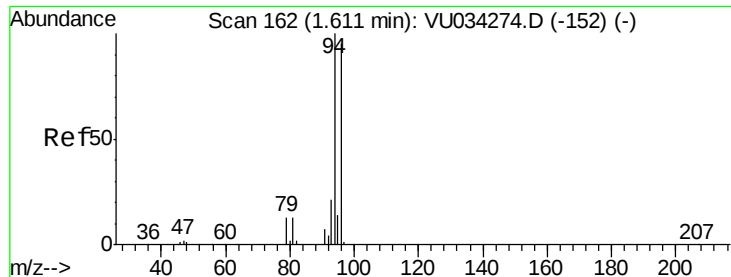
64 32.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VU034417.D (-87) (-)

Ion 63.90 (63.60 to 64.60): VU034417.D (-87) (-)





#5

Bromomethane

Concen: 56.038 ug/l

RT: 1.61 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

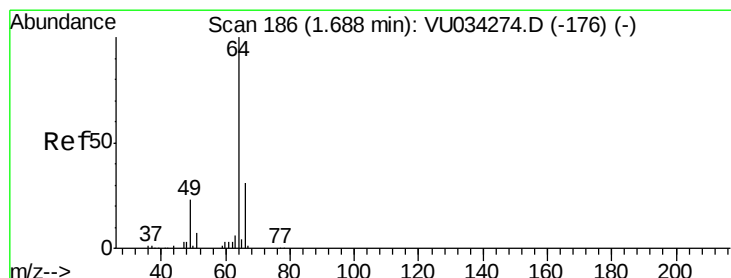
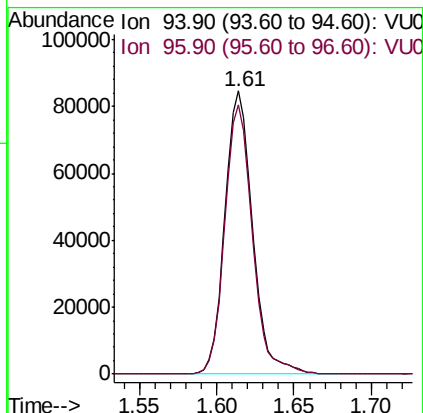
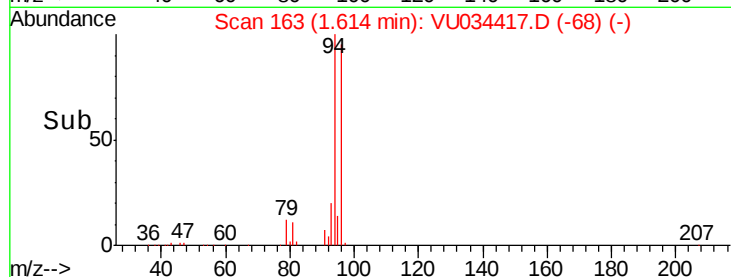
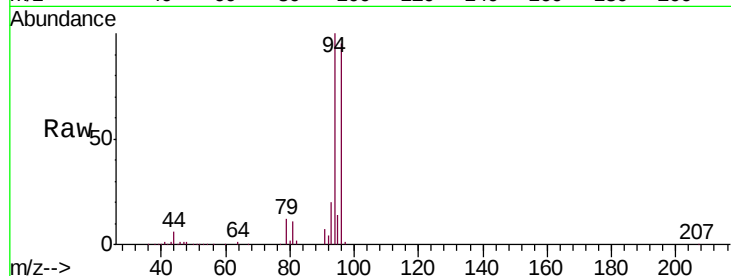
VSTDCCC050

Tgt Ion: 94 Resp: 104064

Ion Ratio Lower Upper

94 100

96 95.3 75.7 113.5



#6

Chloroethane

Concen: 50.613 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU034417.D

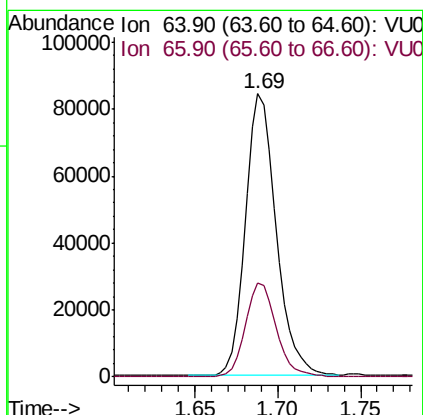
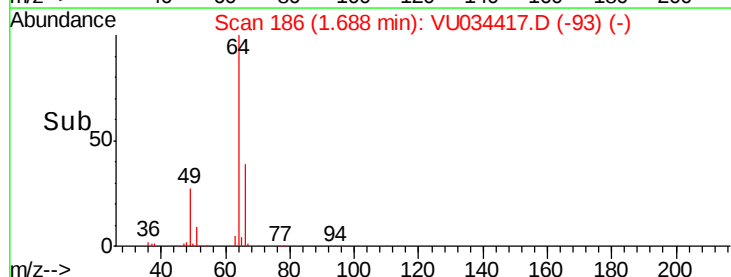
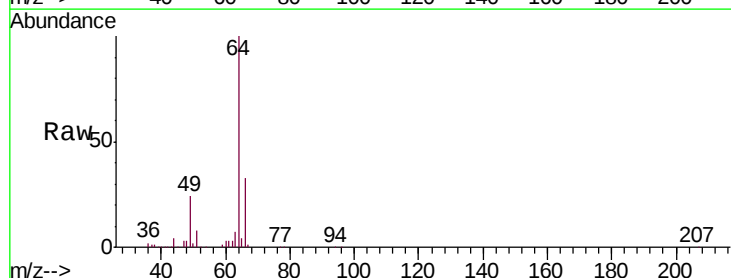
Acq: 09 Sep 2019 08:53

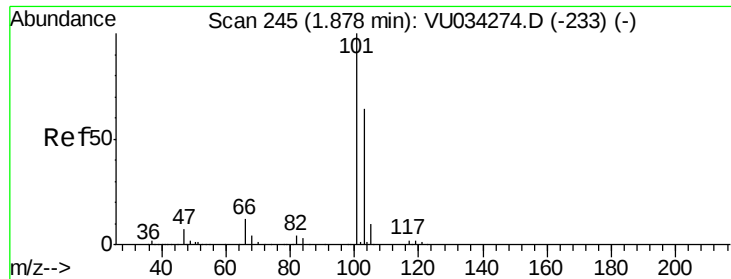
Tgt Ion: 64 Resp: 108608

Ion Ratio Lower Upper

64 100

66 33.2 25.0 37.6



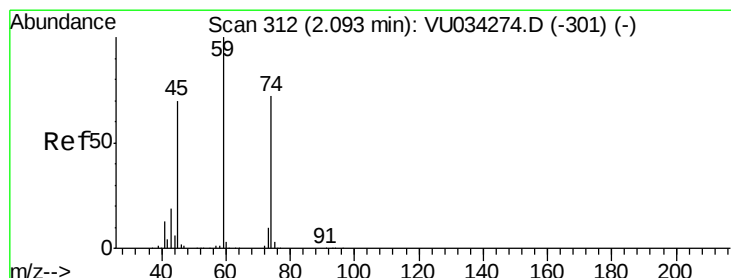
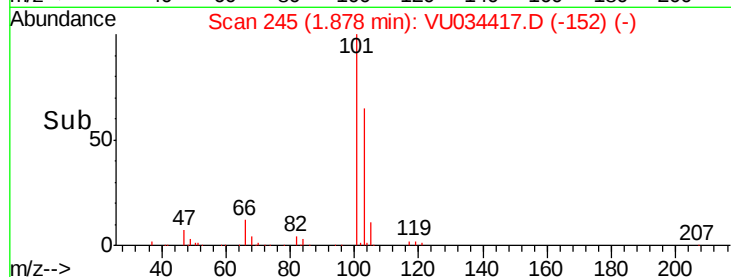
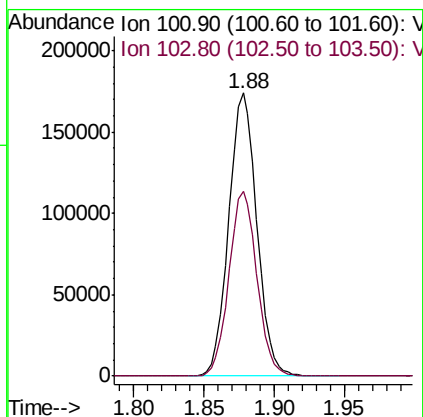
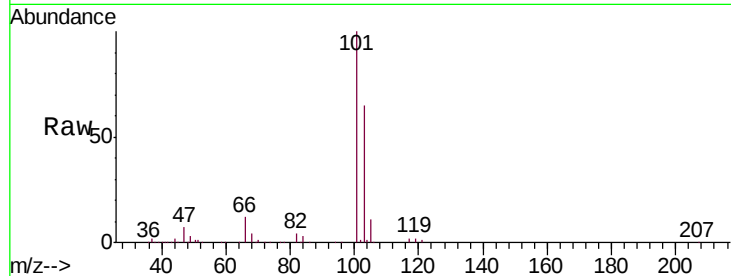


#7

Trichlorofluoromethane
 Concen: 48.959 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Instrument :
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 VSTDCCC050

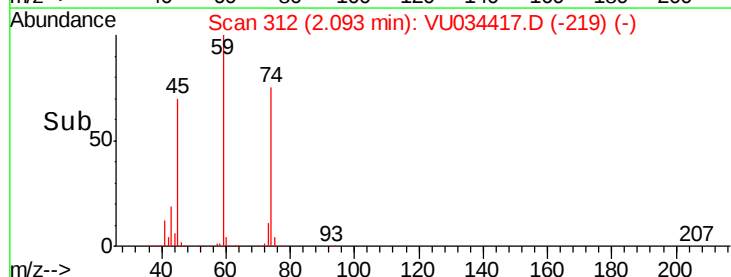
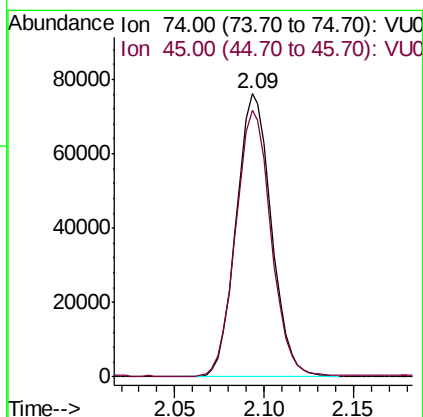
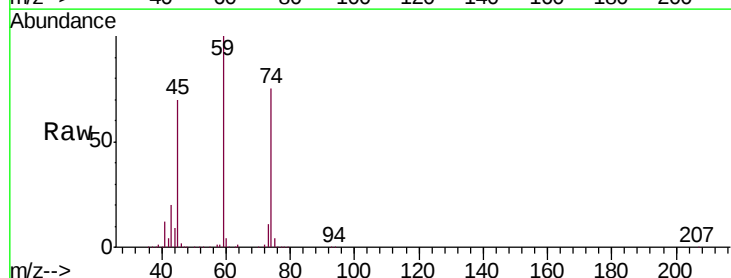
Tgt Ion:101 Resp: 242419
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.0 76.6



#8

Diethyl Ether
 Concen: 48.203 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion: 74 Resp: 104985
 Ion Ratio Lower Upper
 74 100
 45 94.1 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.295 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

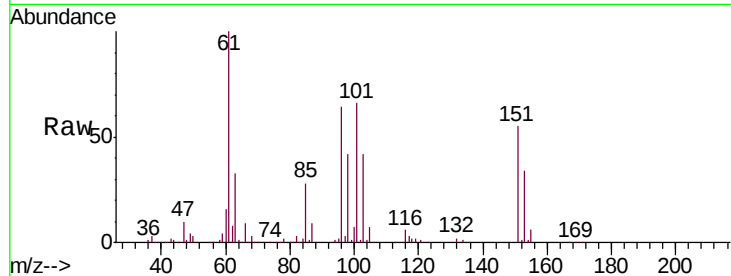
Tgt Ion:101 Resp: 164942

Ion Ratio Lower Upper

101 100

85 42.0 34.4 51.6

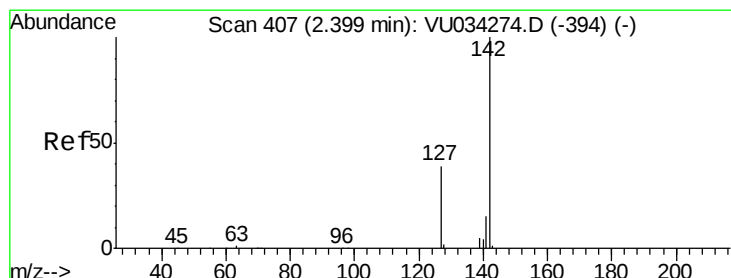
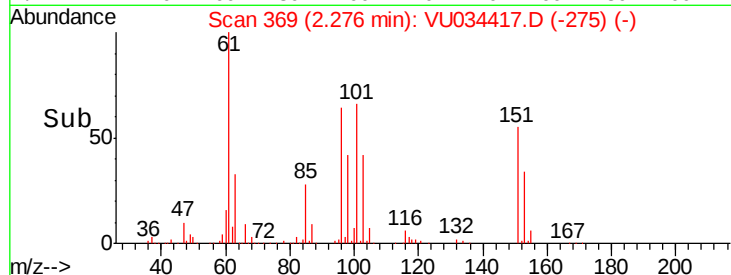
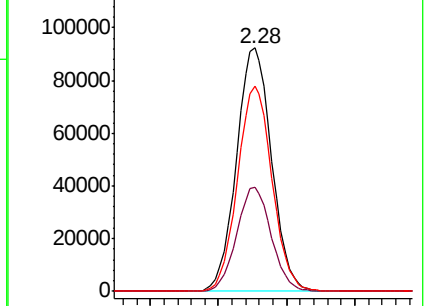
151 82.8 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.630 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

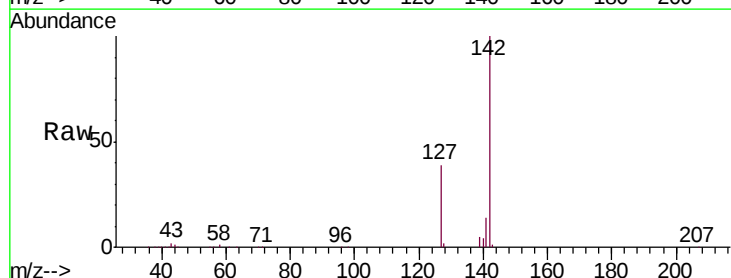
Tgt Ion:142 Resp: 119565

Ion Ratio Lower Upper

142 100

127 39.4 32.1 48.1

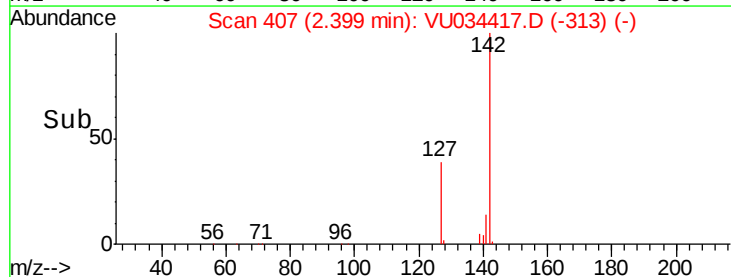
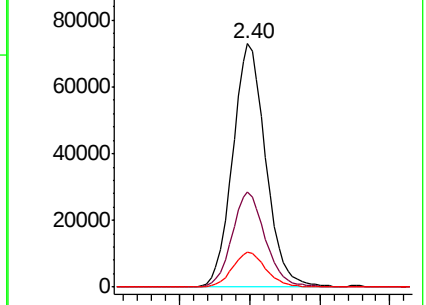
141 14.6 11.5 17.3

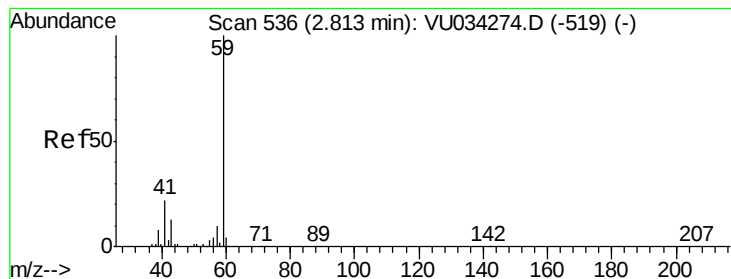


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



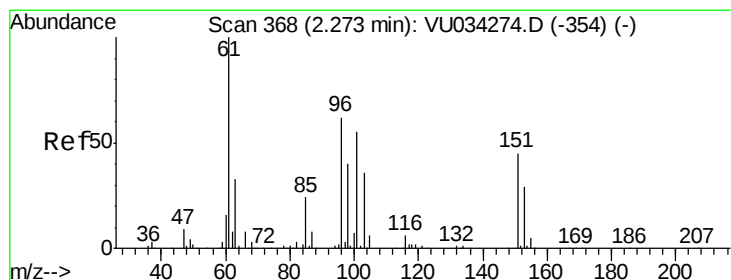
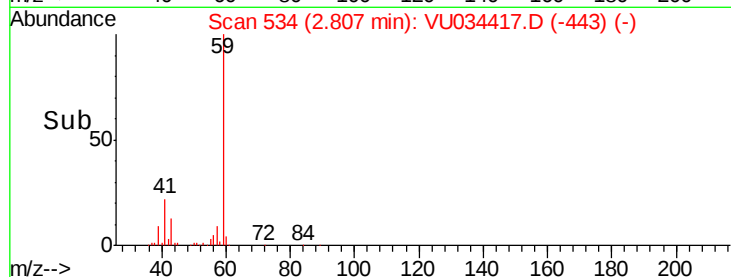
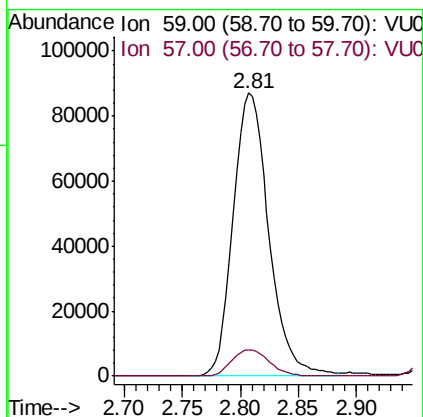
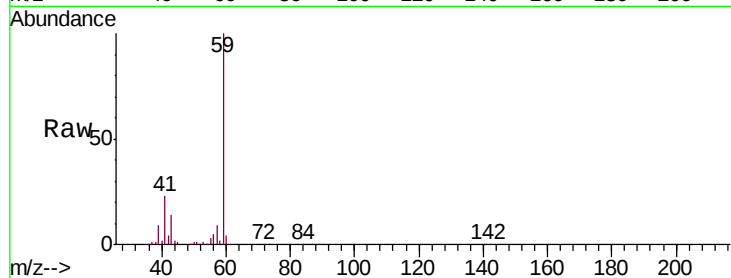


#11

Tert butyl alcohol
 Concen: 205.049 ug/l
 RT: 2.81 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

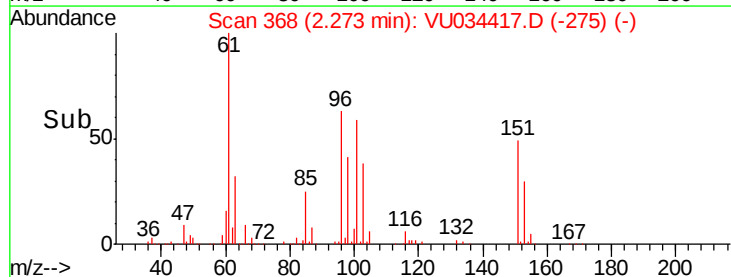
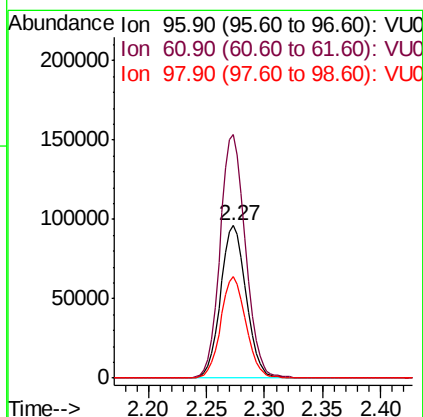
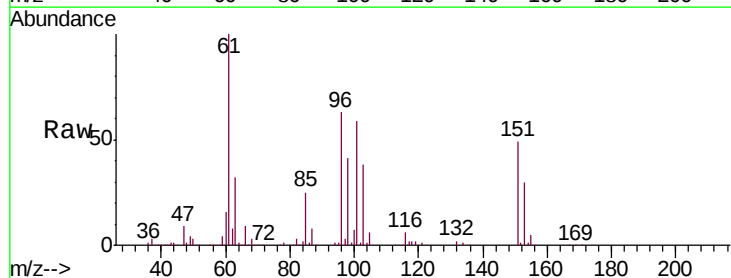
Tgt Ion: 59 Resp: 185721
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.9 11.9

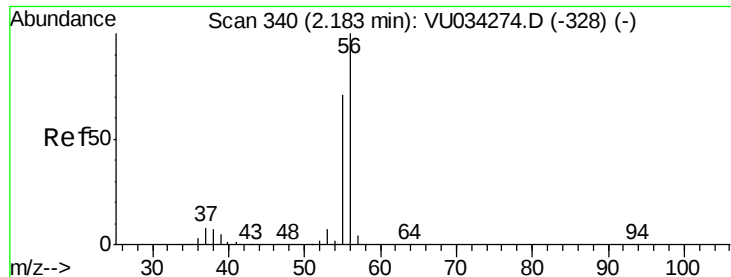


#12

1,1-Dichloroethene
 Concen: 47.445 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion: 96 Resp: 146268
 Ion Ratio Lower Upper
 96 100
 61 159.7 130.0 195.0
 98 66.2 52.2 78.4





#13

Acrolein

Concen: 233.945 ug/l

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

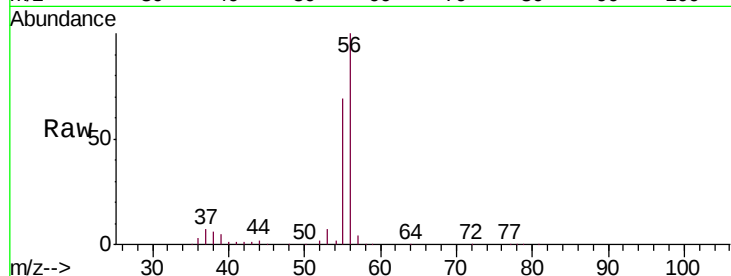
VSTDCCC050

Tgt Ion: 56 Resp: 178094

Ion Ratio Lower Upper

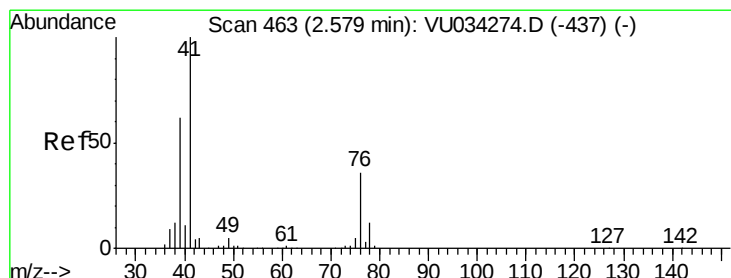
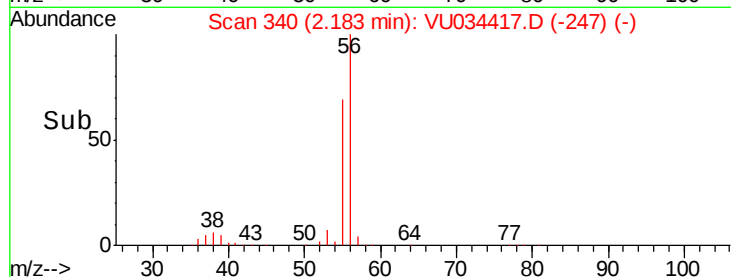
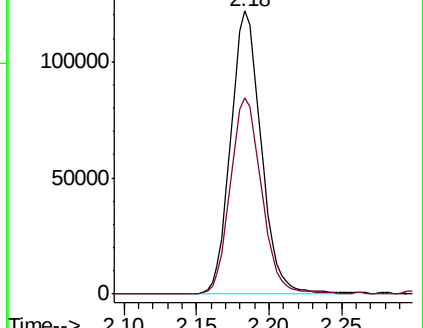
56 100

55 70.7 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU034417.D (-247) (-)

Ion 55.00 (54.70 to 55.70): VU034417.D (-247) (-)



#14

Allyl chloride

Concen: 38.902 ug/l

RT: 2.58 min Scan# 463

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

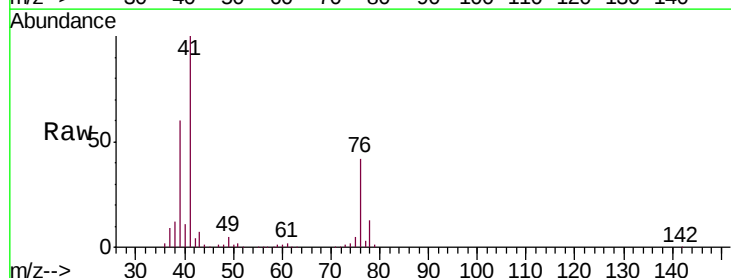
Tgt Ion: 41 Resp: 229284

Ion Ratio Lower Upper

41 100

39 62.6 43.5 65.3

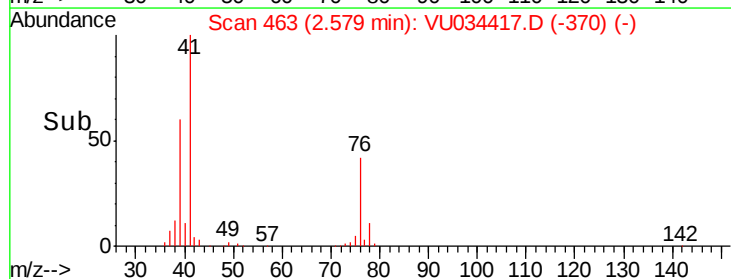
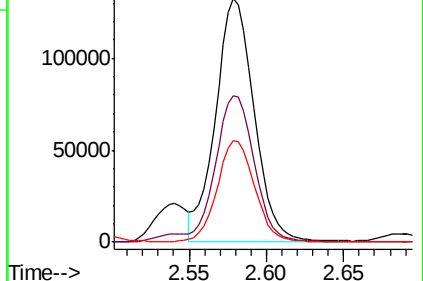
76 40.1 27.0 40.6

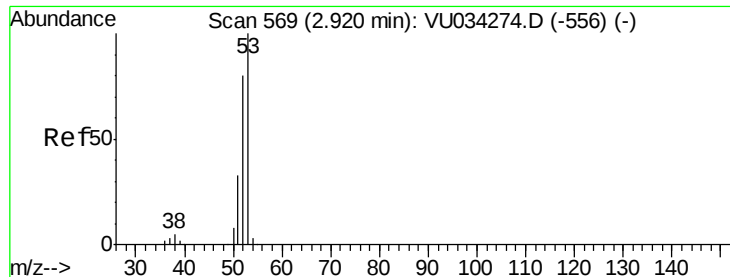


Abundance Ion 41.00 (40.70 to 41.70): VU034417.D (-370) (-)

Ion 39.00 (38.70 to 39.70): VU034417.D (-370) (-)

Ion 75.90 (75.60 to 76.60): VU034417.D (-370) (-)





#15

Acrylonitrile

Concen: 241.126 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

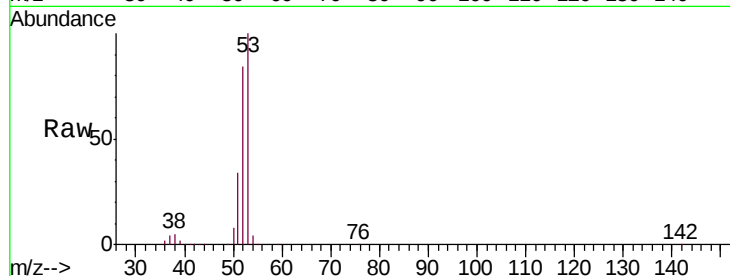
Tgt Ion: 53 Resp: 543859

Ion Ratio Lower Upper

53 100

52 82.1 64.1 96.1

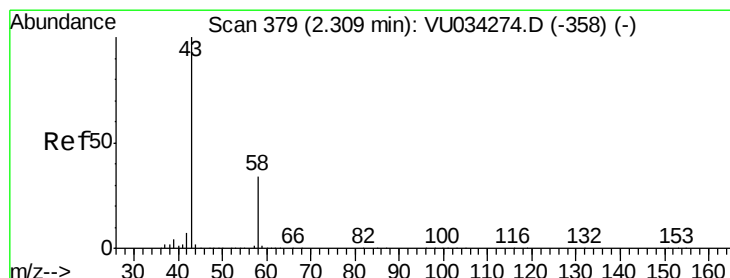
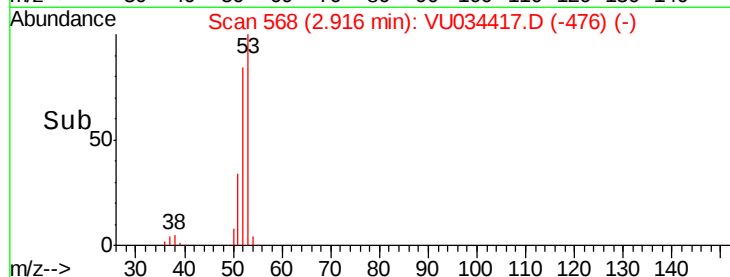
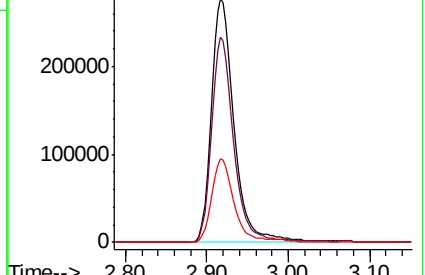
51 34.2 27.4 41.0



Abundance Ion 53.00 (52.70 to 53.70): VU034417.D (-556) (-)

Ion 52.00 (51.70 to 52.70): VU034417.D (-556) (-)

Ion 51.00 (50.70 to 51.70): VU034417.D (-556) (-)



#16

Acetone

Concen: 300.231 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034417.D

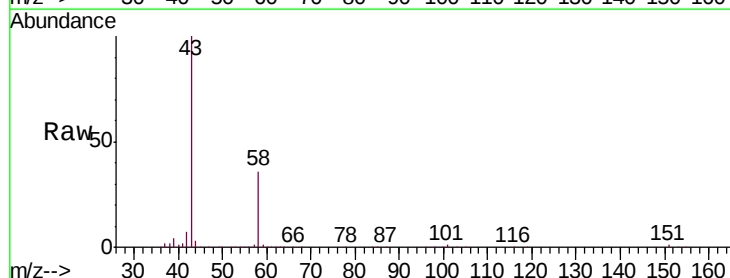
Acq: 09 Sep 2019 08:53

Tgt Ion: 43 Resp: 666101

Ion Ratio Lower Upper

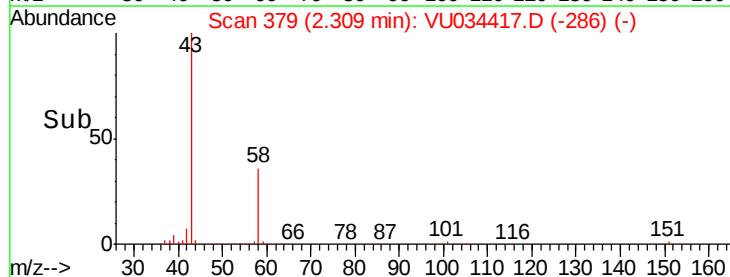
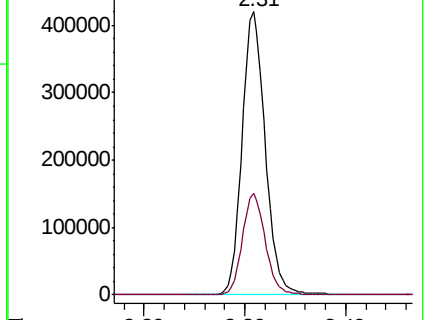
43 100

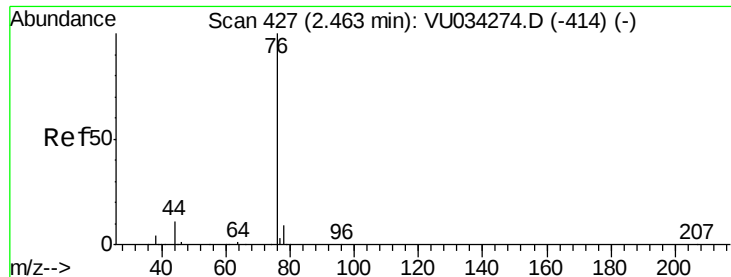
58 35.8 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034417.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034417.D (-286) (-)

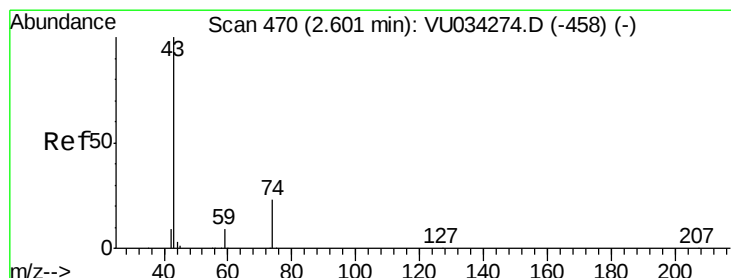
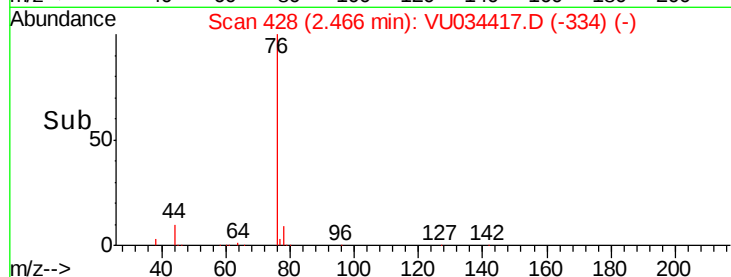
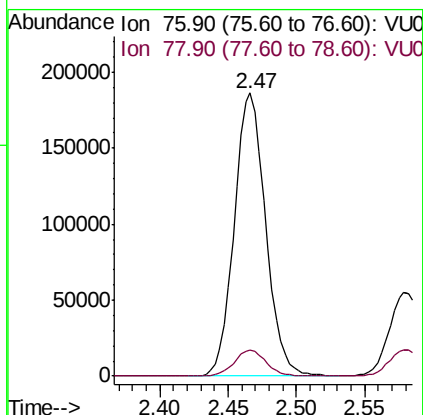
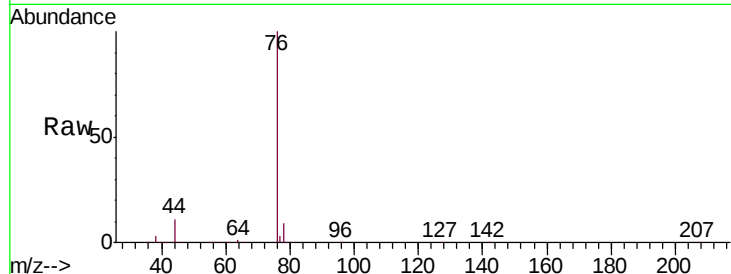




#17
Carbon Disulfide
Concen: 42.942 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

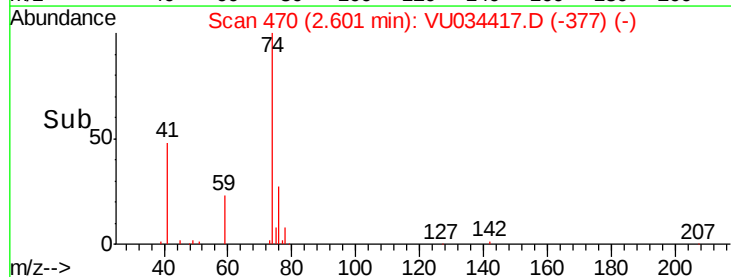
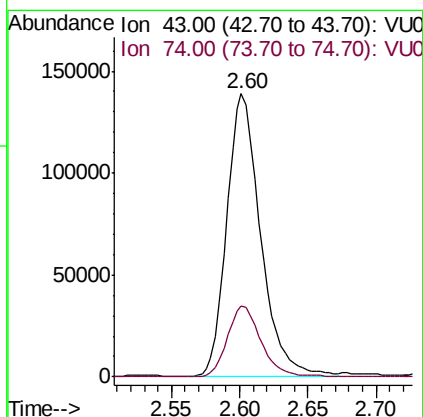
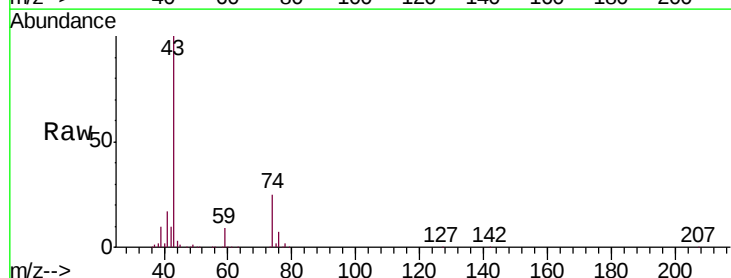
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

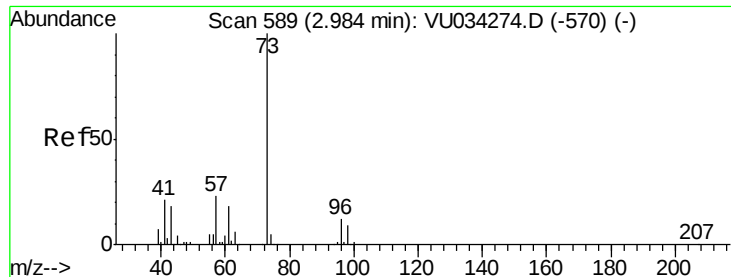
Tgt Ion: 76 Resp: 297539
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 43.991 ug/l
RT: 2.60 min Scan# 470
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion: 43 Resp: 237486
Ion Ratio Lower Upper
43 100
74 25.4 18.9 28.3

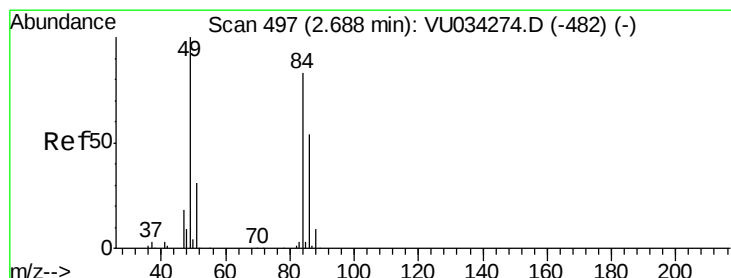
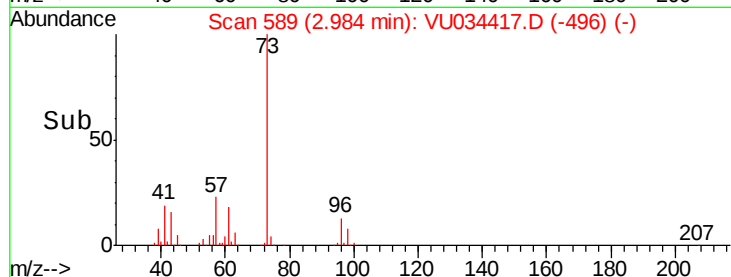
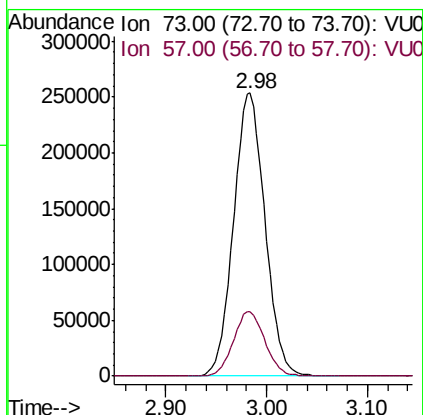
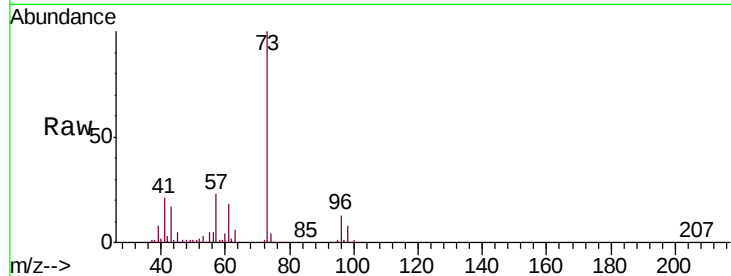




#19
Methyl tert-butyl Ether
Concen: 48.775 ug/l
RT: 2.98 min Scan# 589
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

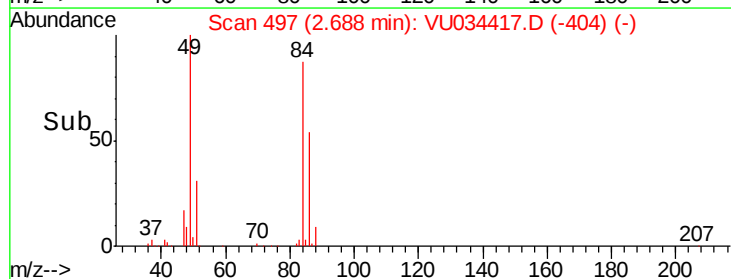
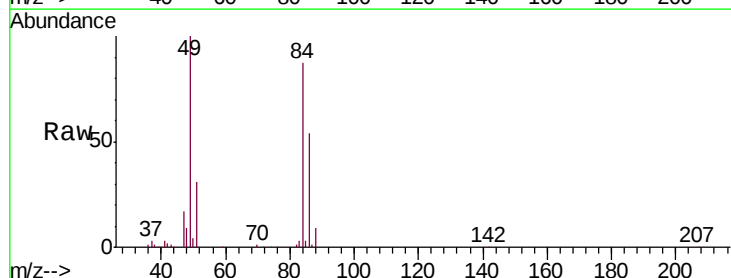
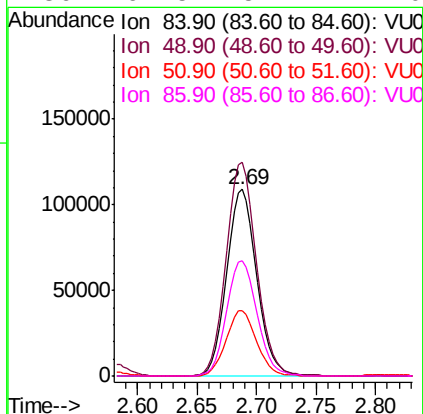
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

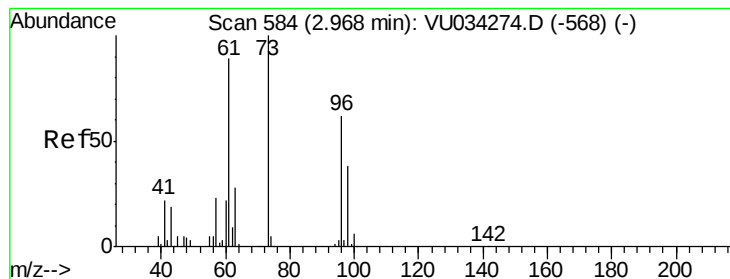
Tgt Ion: 73 Resp: 548084
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4



#20
Methylene Chloride
Concen: 52.581 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion: 84 Resp: 191003
Ion Ratio Lower Upper
84 100
49 114.4 96.0 144.0
51 35.3 30.0 45.0
86 61.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 47.840 ug/l

RT: 2.97 min Scan# 584

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

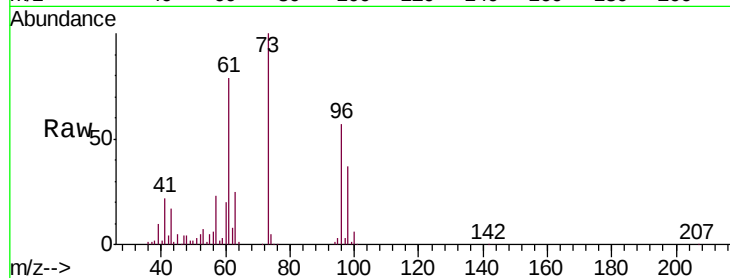
Tgt Ion: 96 Resp: 155422

Ion Ratio Lower Upper

96 100

61 140.2 114.8 172.2

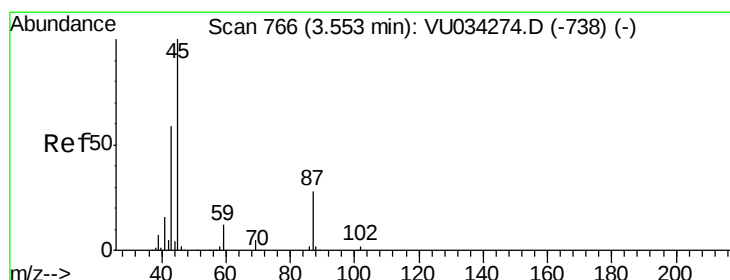
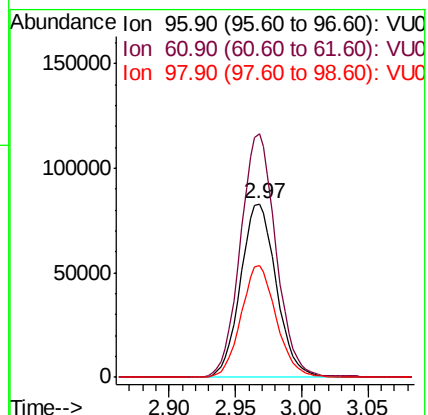
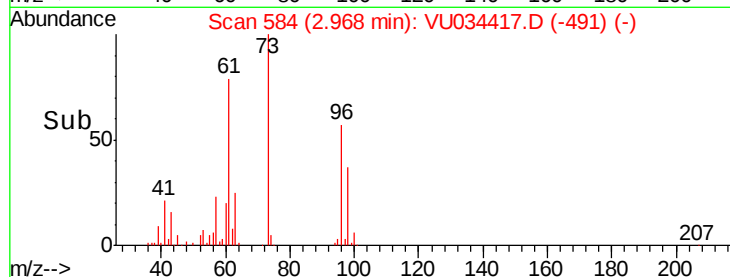
98 64.5 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034417.D (-491) (-)

Ion 60.90 (60.60 to 61.60): VU034417.D (-491) (-)

Ion 97.90 (97.60 to 98.60): VU034417.D (-491) (-)



#22

Diisopropyl ether

Concen: 49.467 ug/l

RT: 3.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Tgt Ion: 45 Resp: 568574

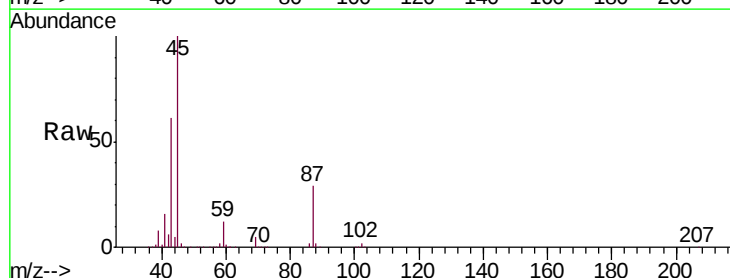
Ion Ratio Lower Upper

45 100

43 61.0 47.5 71.3

87 28.8 22.2 33.4

59 12.2 9.4 14.2

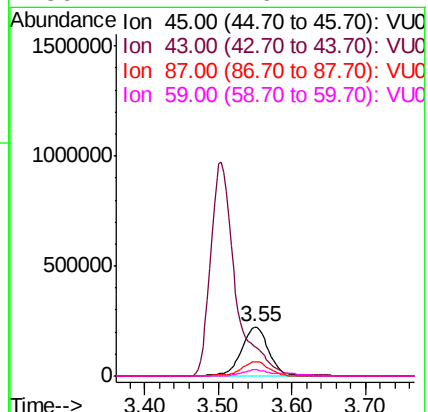
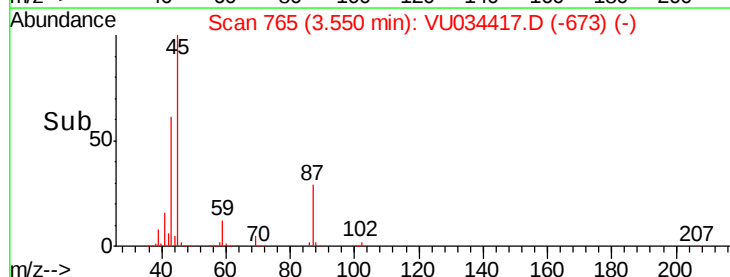


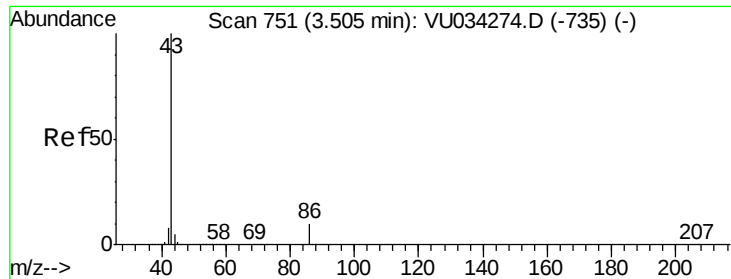
Abundance Ion 45.00 (44.70 to 45.70): VU034417.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VU034417.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VU034417.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VU034417.D (-673) (-)





#23

Vinyl Acetate

Concen: 246.208 ug/l

RT: 3.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

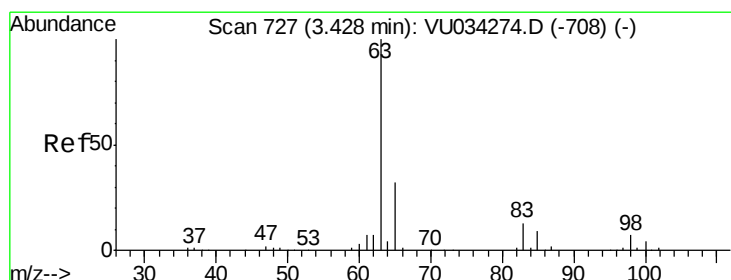
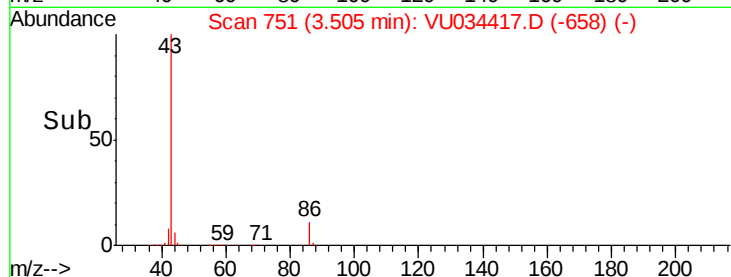
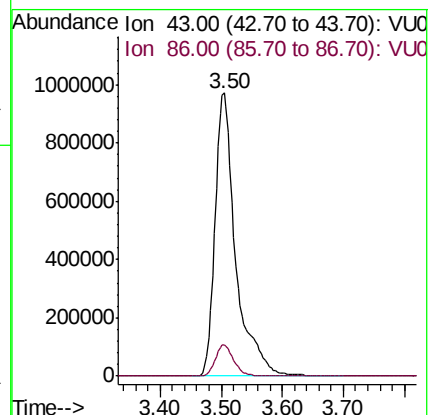
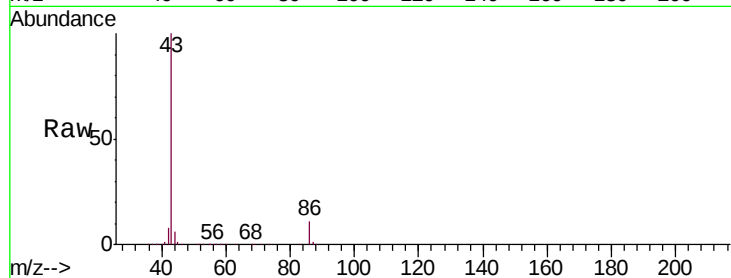
VSTDCCC050

Tgt Ion: 43 Resp: 2305148

Ion Ratio Lower Upper

43 100

86 11.0 8.3 12.5



#24

1,1-Dichloroethane

Concen: 47.743 ug/l

RT: 3.43 min Scan# 727

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

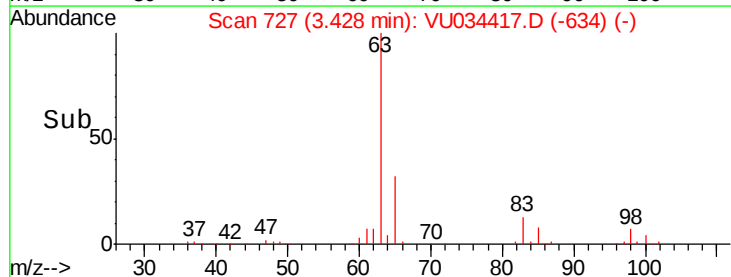
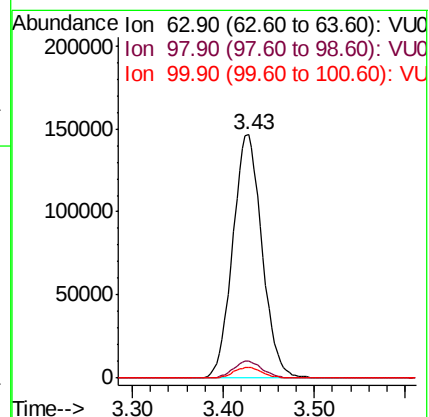
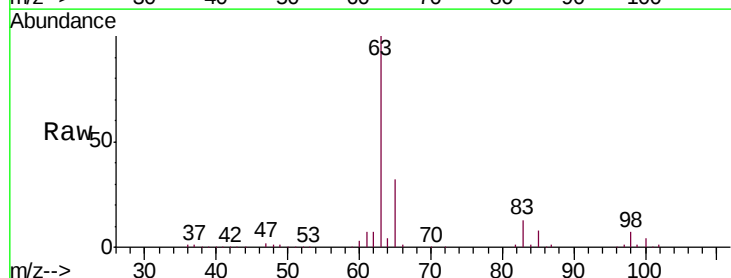
Tgt Ion: 63 Resp: 327717

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 265.841 ug/l

RT: 4.23 min Scan# 978

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

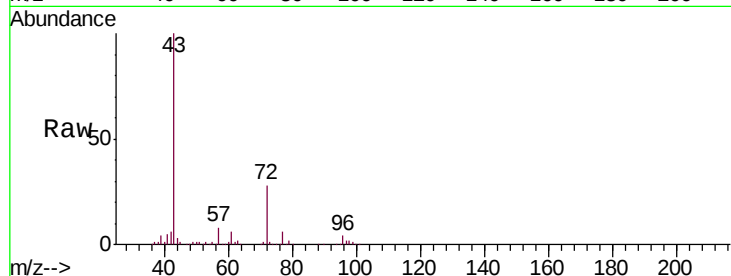
VSTDCCC050

Tgt Ion: 43 Resp: 787308

Ion Ratio Lower Upper

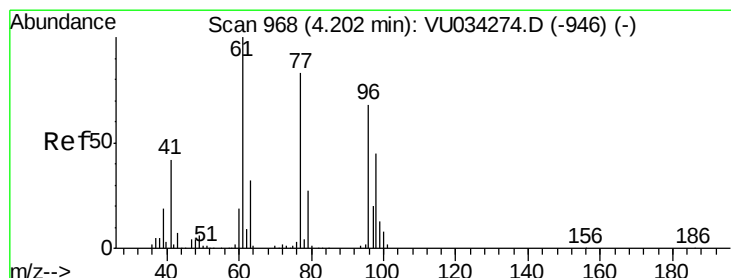
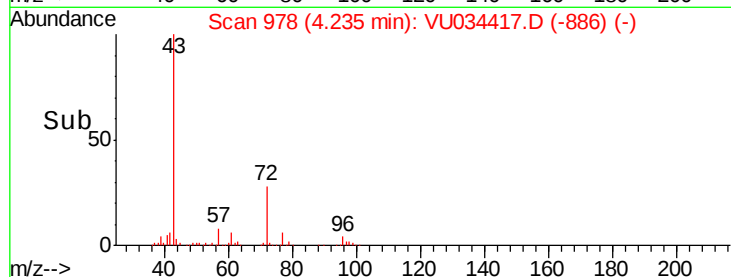
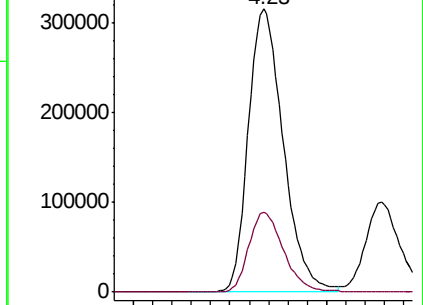
43 100

72 28.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-961) (-)

Ion 72.00 (71.70 to 72.70): VU034274.D (-961) (-)



#26

2,2-Dichloropropane

Concen: 48.892 ug/l

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

Lab File: VU034417.D

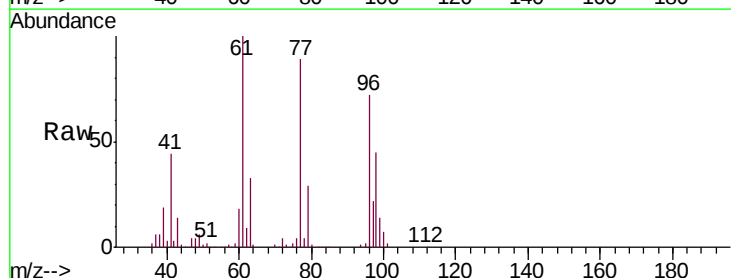
Acq: 09 Sep 2019 08:53

Tgt Ion: 77 Resp: 269918

Ion Ratio Lower Upper

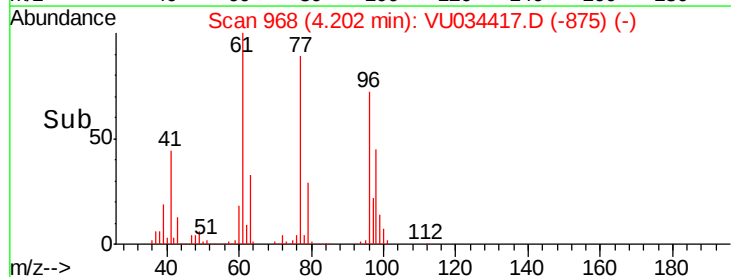
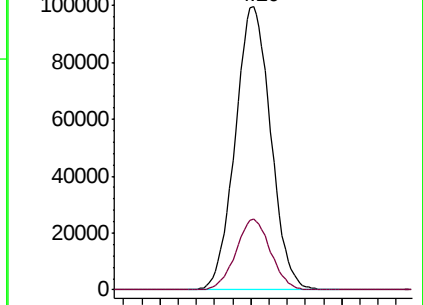
77 100

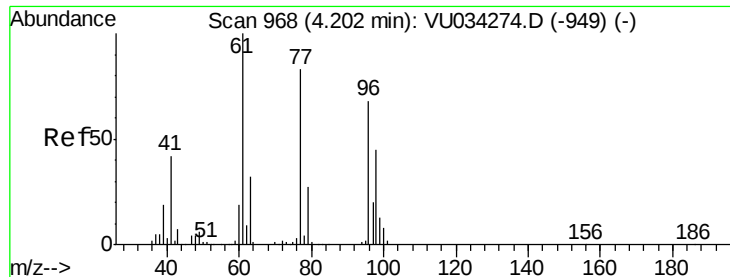
97 24.4 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034274.D (-946) (-)

Ion 96.90 (96.60 to 97.60): VU034274.D (-946) (-)



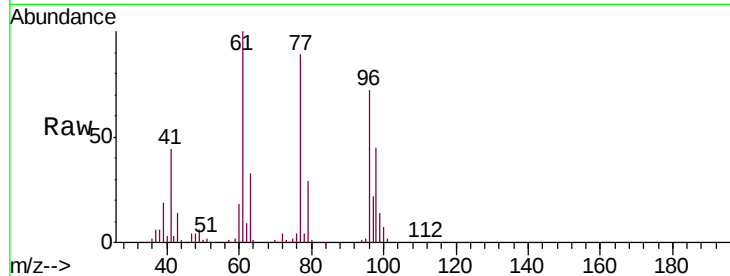


#27

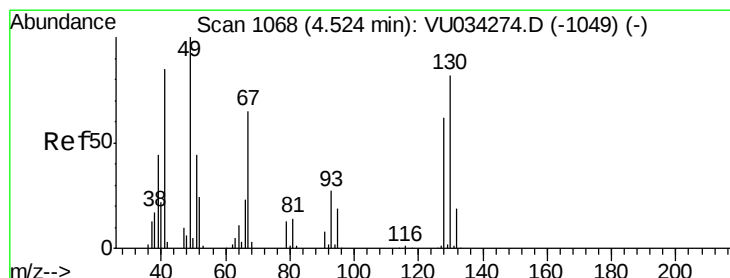
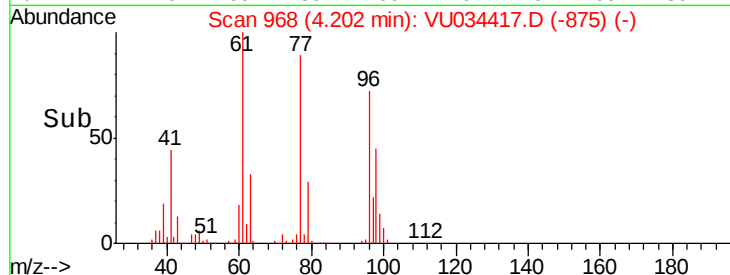
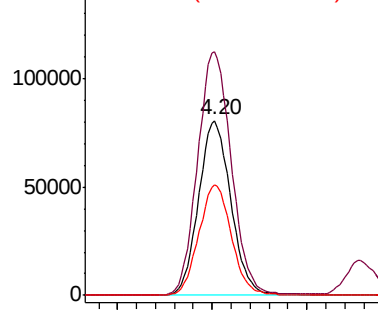
cis-1,2-Dichloroethene
 Concen: 48.819 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	297.4
98	63.7	0.0	130.0



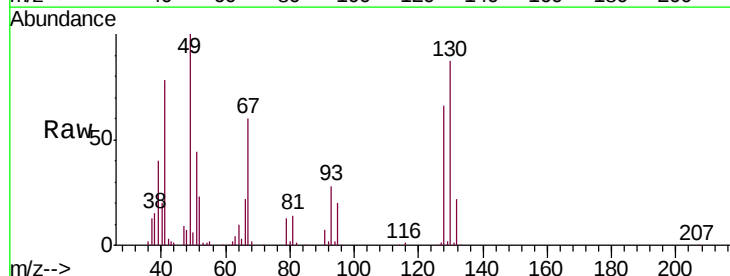
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



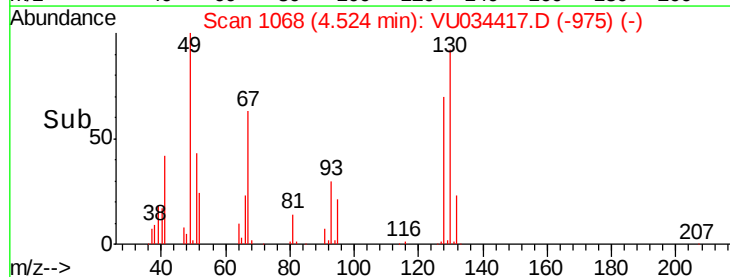
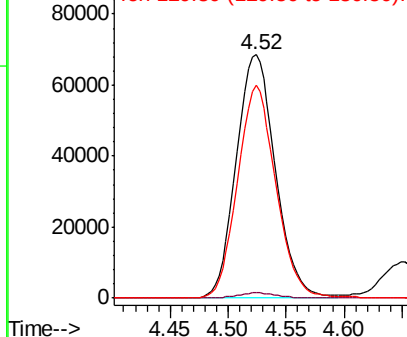
#28

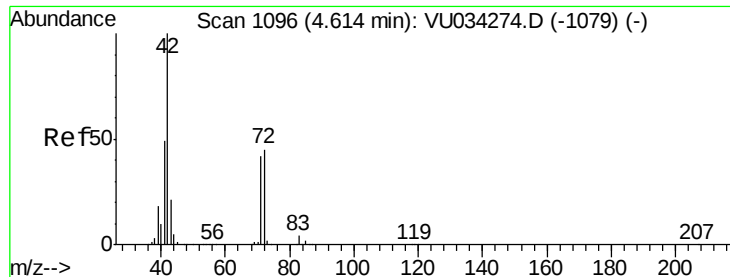
Bromochloromethane
 Concen: 51.090 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	85.4	65.2	97.8



Abundance Ion 48.90 (48.60 to 49.60): VU0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 237.421 ug/l

RT: 4.61 min Scan# 1096

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

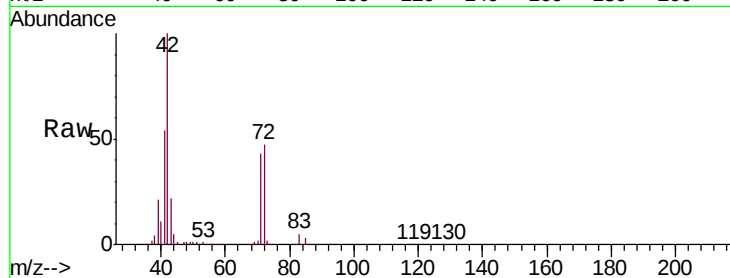
Tgt Ion: 42 Resp: 427865

Ion Ratio Lower Upper

42 100

72 46.5 36.6 54.8

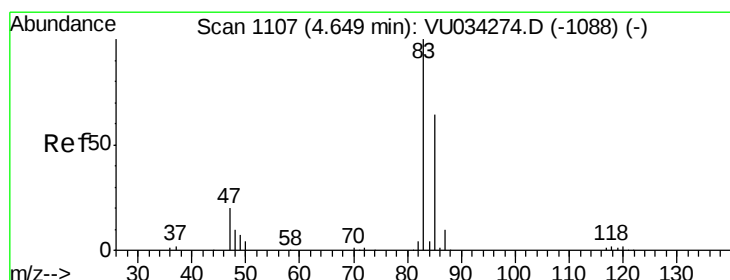
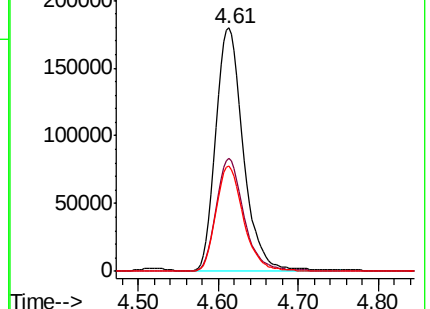
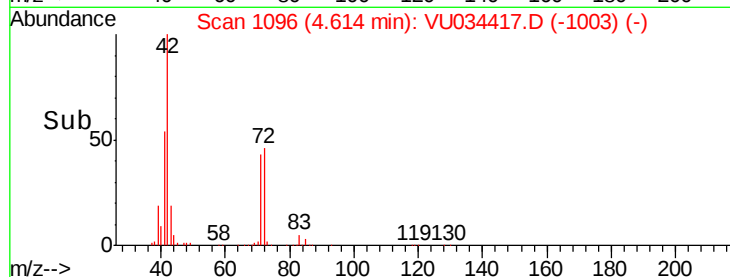
71 43.2 34.3 51.5



Abundance Ion 42.00 (41.70 to 42.70): VU034417.D (-1003) (-)

Ion 72.00 (71.70 to 72.70): VU034417.D (-1003) (-)

Ion 71.00 (70.70 to 71.70): VU034417.D (-1003) (-)



#30

Chloroform

Concen: 48.105 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU034417.D

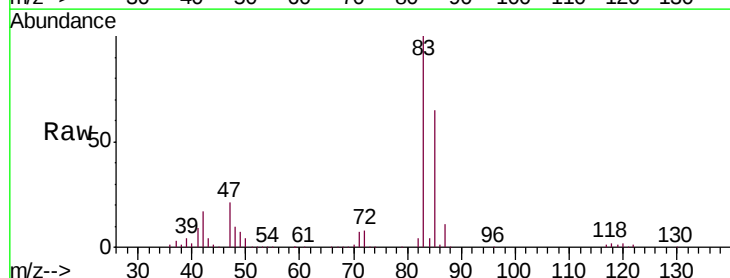
Acq: 09 Sep 2019 08:53

Tgt Ion: 83 Resp: 335637

Ion Ratio Lower Upper

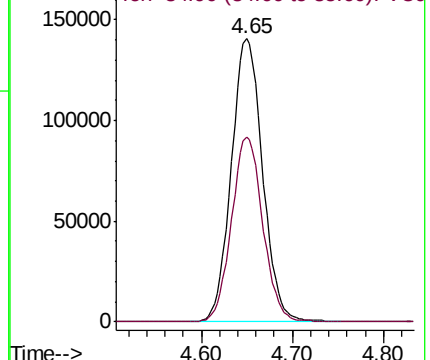
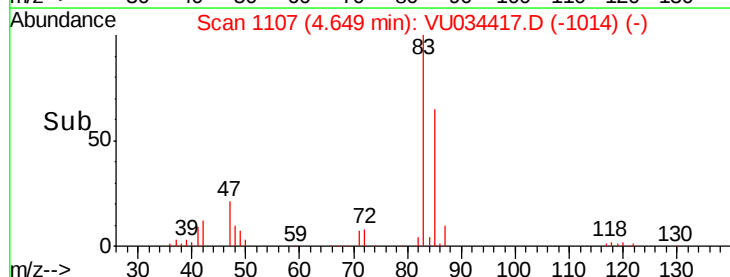
83 100

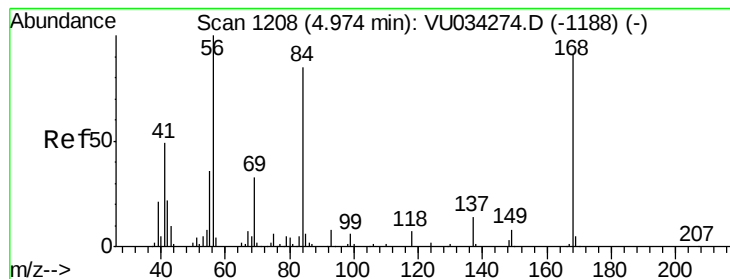
85 65.3 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU034417.D (-1014) (-)

Ion 84.90 (84.60 to 85.60): VU034417.D (-1014) (-)





#31

Cyclohexane

Concen: 45.840 ug/l

RT: 4.97 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

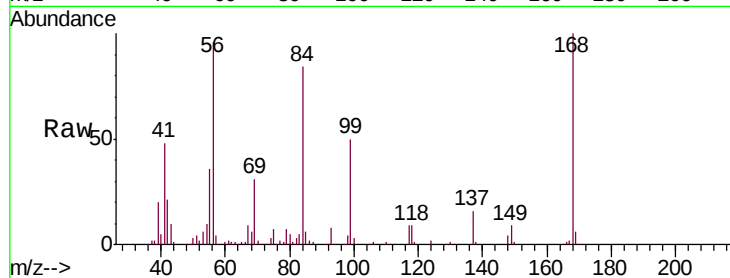
Tgt Ion: 56 Resp: 230194

Ion Ratio Lower Upper

56 100

69 32.6 26.7 40.1

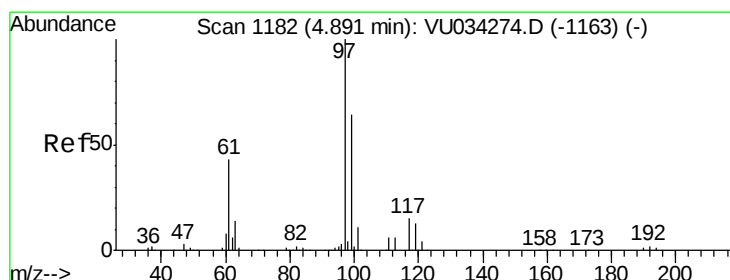
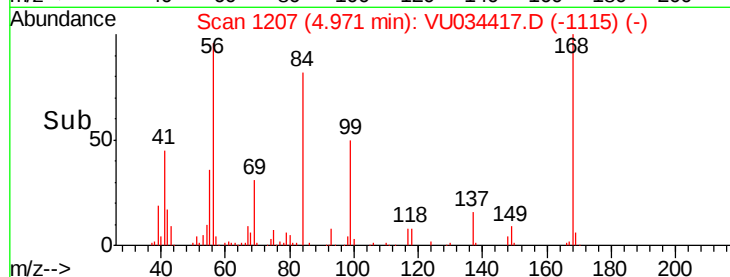
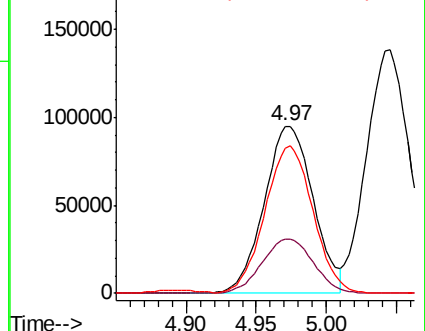
84 85.6 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VU034417.D (-1188) (-)

Ion 69.00 (68.70 to 69.70): VU034417.D (-1188) (-)

Ion 84.00 (83.70 to 84.70): VU034417.D (-1188) (-)



#32

1,1,1-Trichloroethane

Concen: 49.264 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

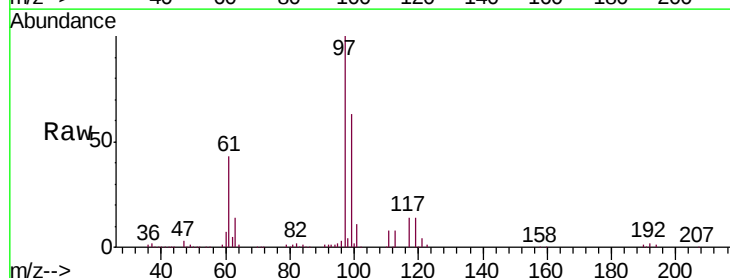
Tgt Ion: 97 Resp: 274817

Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

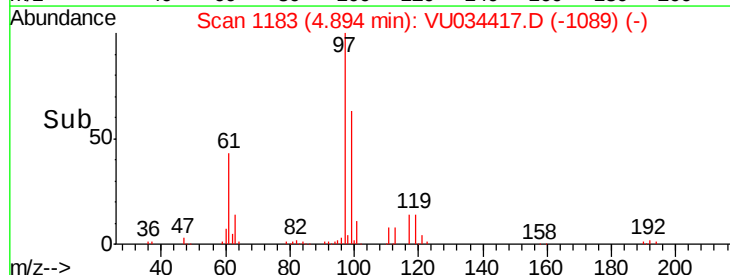
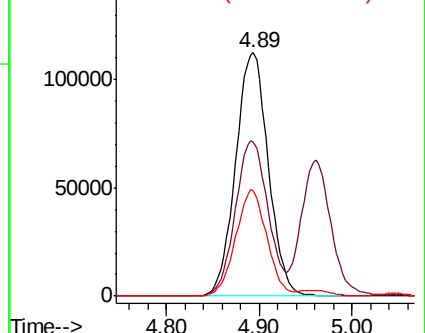
61 41.9 34.7 52.1

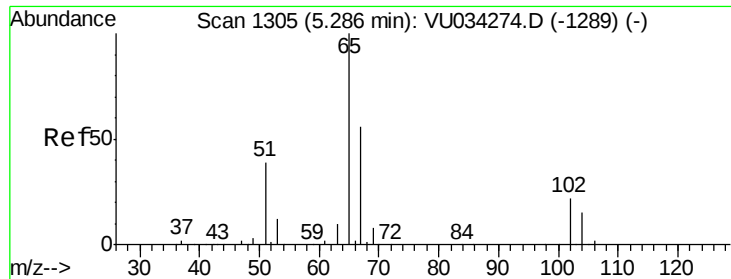


Abundance Ion 96.90 (96.60 to 97.60): VU034417.D (-1089) (-)

Ion 98.90 (98.60 to 99.60): VU034417.D (-1089) (-)

Ion 60.90 (60.60 to 61.60): VU034417.D (-1089) (-)

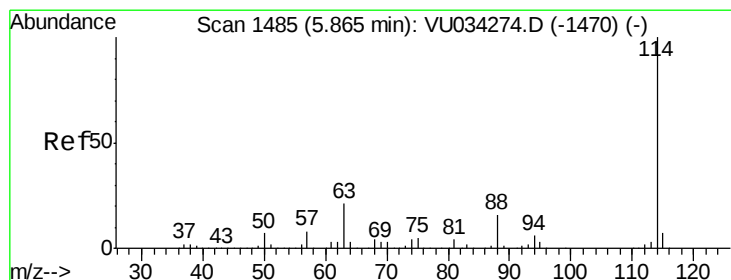
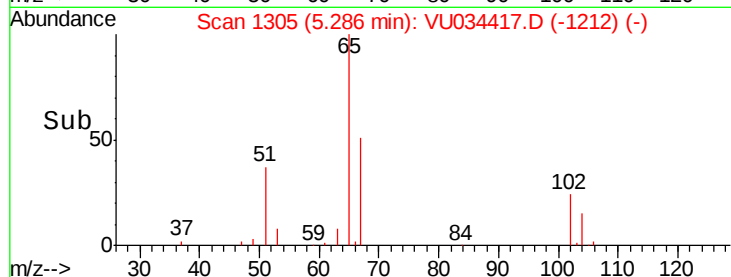
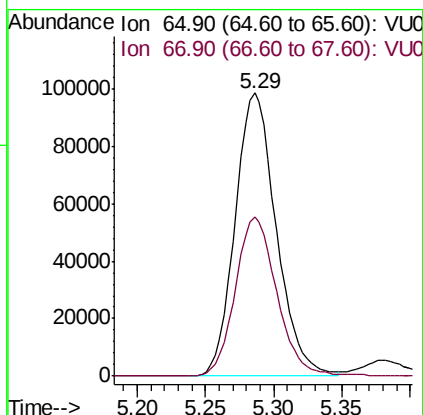
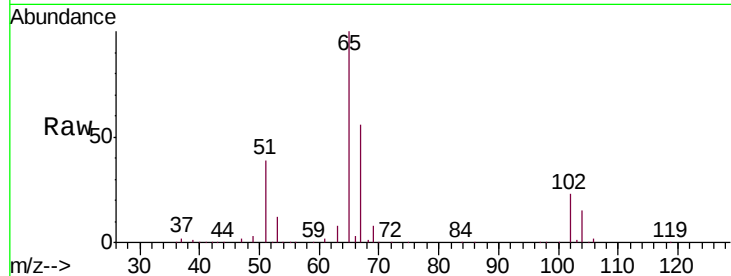




#33
 1,2-Dichloroethane-d4
 Concen: 48.107 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

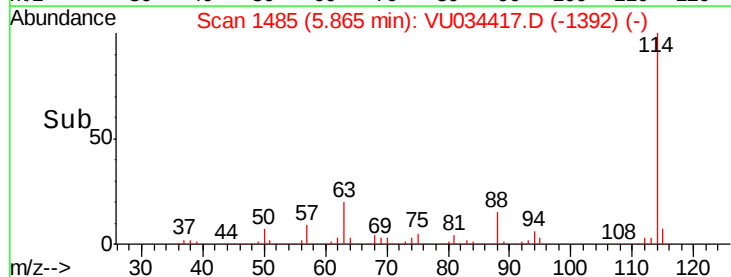
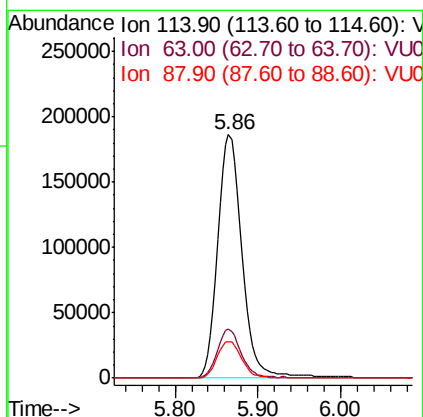
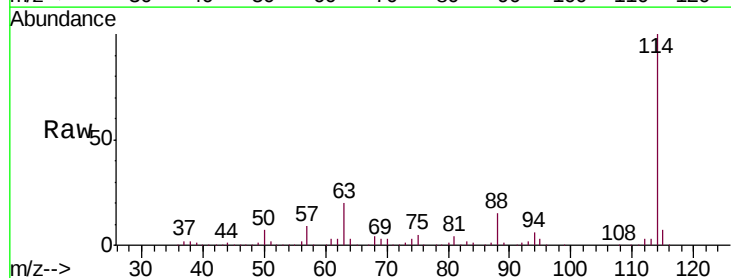
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

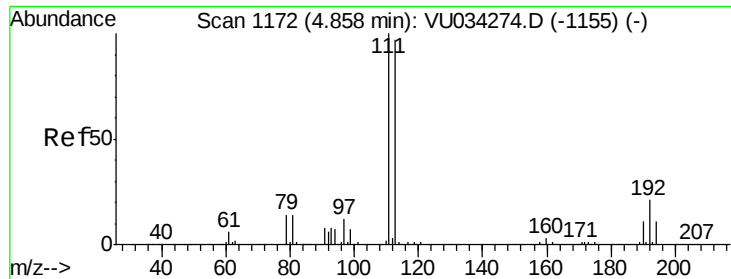
Tgt Ion: 65 Resp: 206245
 Ion Ratio Lower Upper
 65 100
 67 57.0 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion: 114 Resp: 379152
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 15.2 0.0 32.4

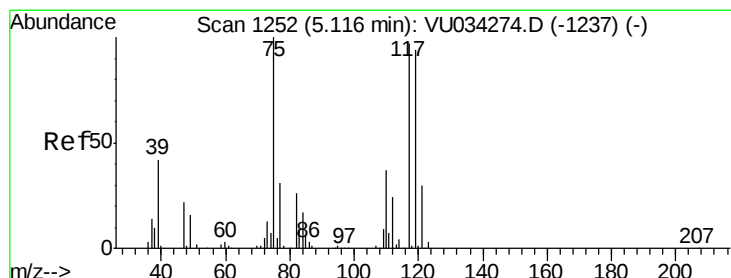
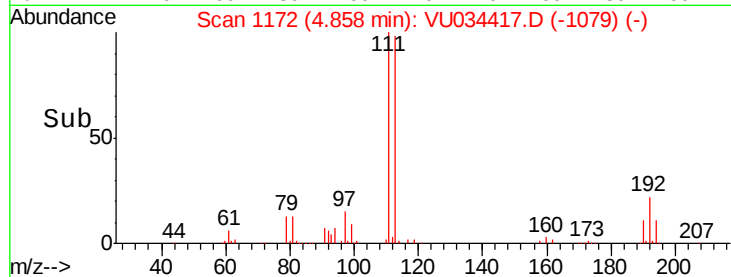
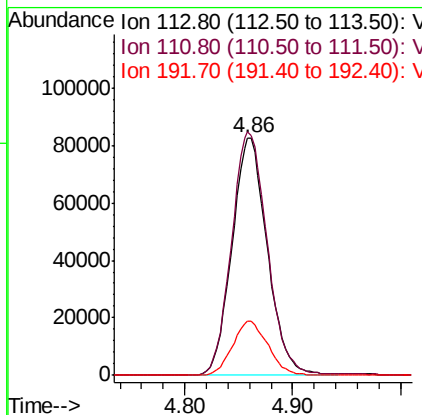
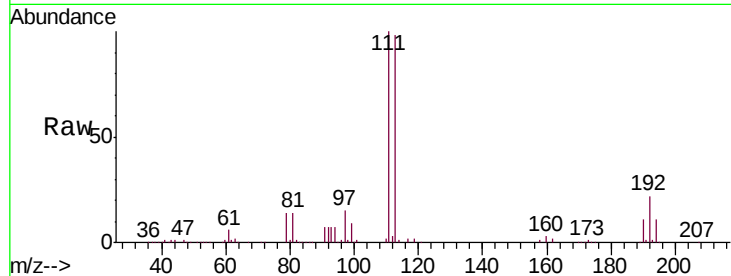




#35
 Dibromofluoromethane
 Concen: 53.532 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

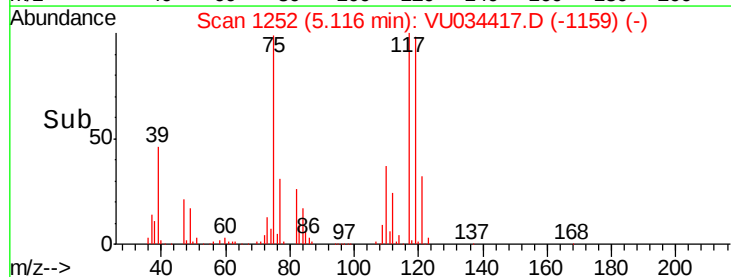
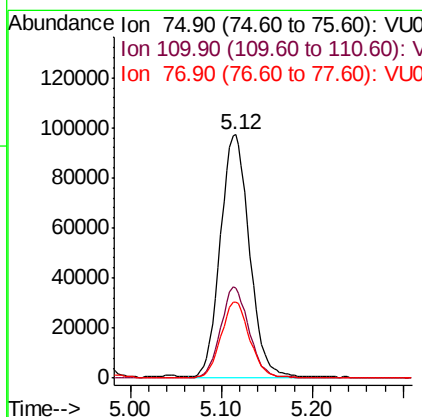
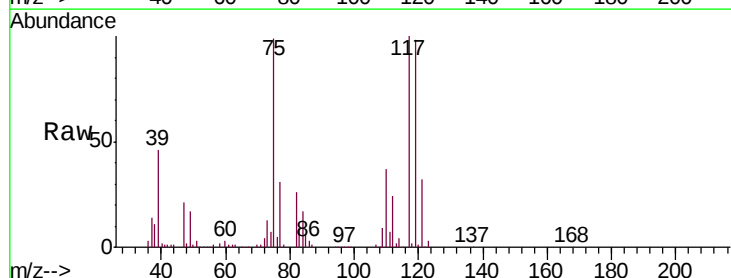
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

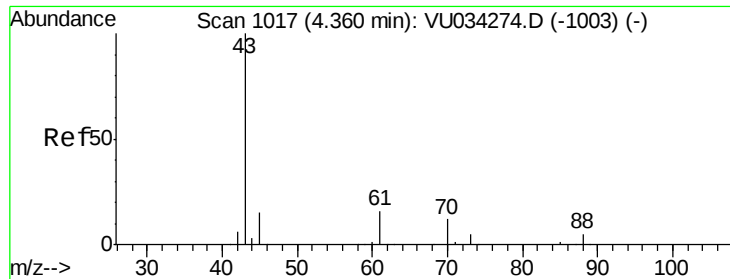
Tgt Ion: 113 Resp: 188863
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.5 122.3
 192 22.9 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 52.193 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion: 75 Resp: 214615
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.3 54.9
 77 30.7 24.9 37.3

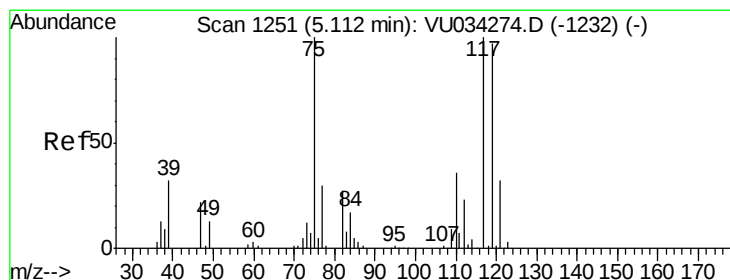
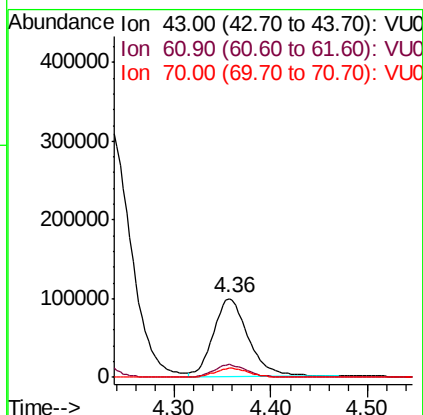
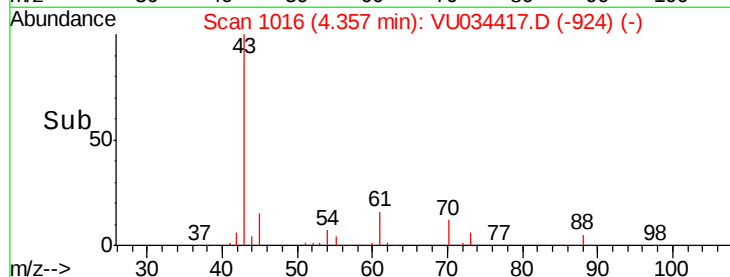
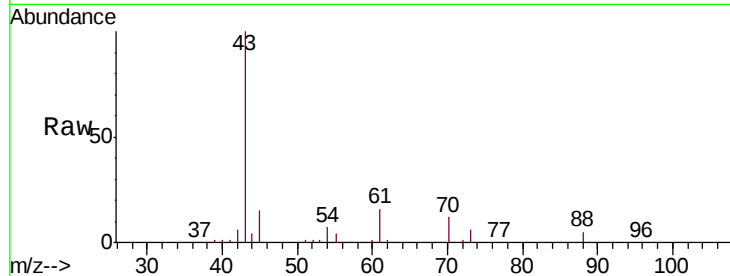




#37
Ethyl Acetate
Concen: 50.895 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

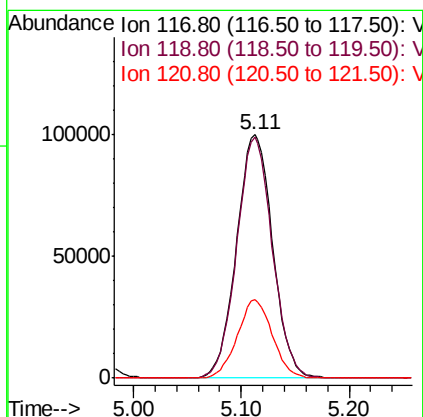
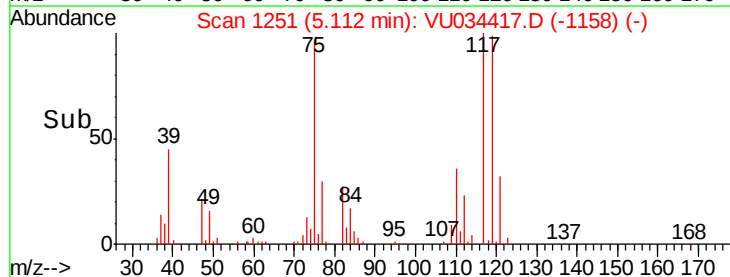
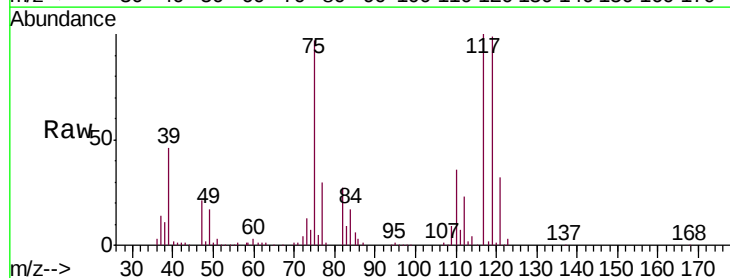
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

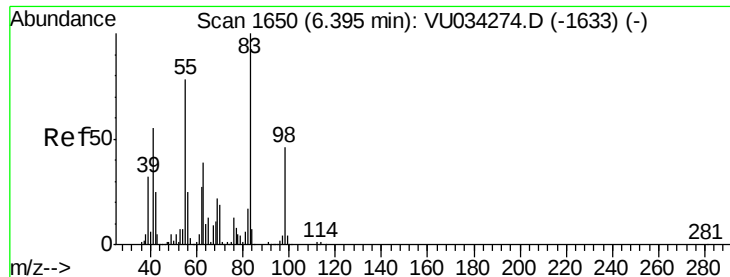
Tgt Ion: 43 Resp: 247435
Ion Ratio Lower Upper
43 100
61 15.2 12.3 18.5
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 52.850 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion: 117 Resp: 232034
Ion Ratio Lower Upper
117 100
119 98.9 77.8 116.6
121 32.4 25.2 37.8

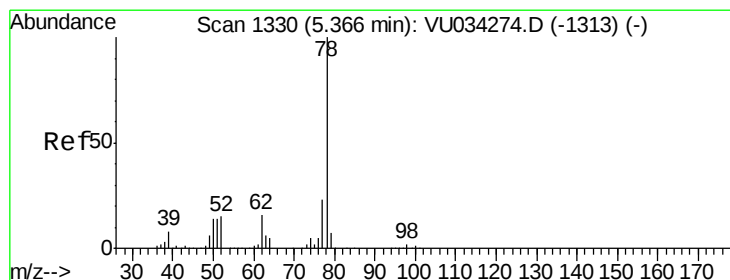
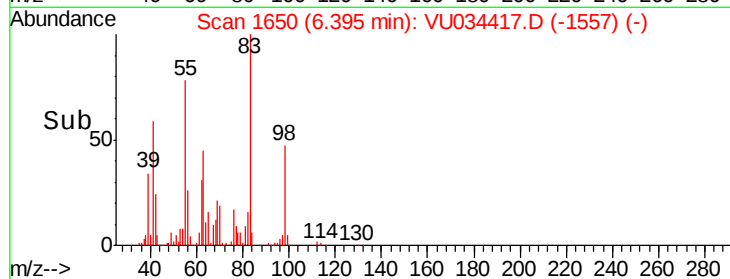
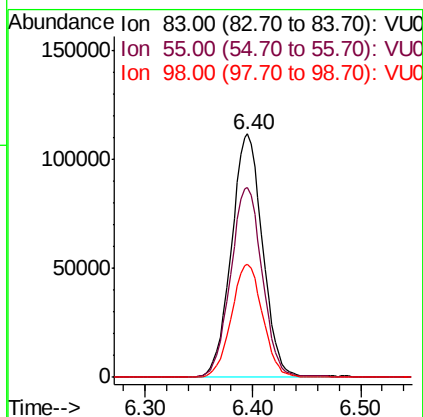
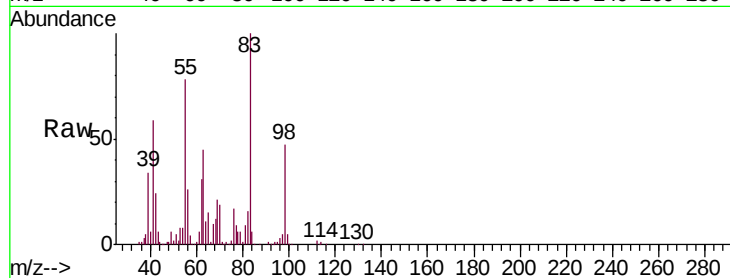




#39
Methylcyclohexane
Concen: 51.240 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

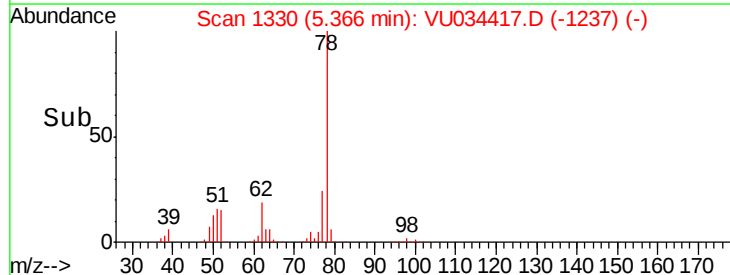
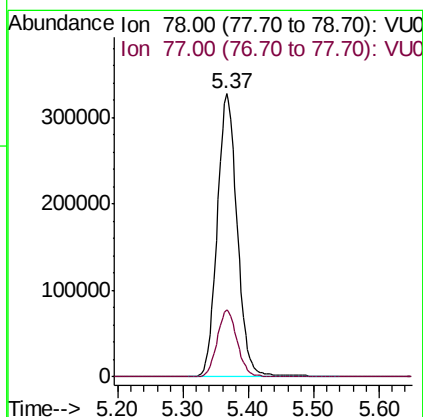
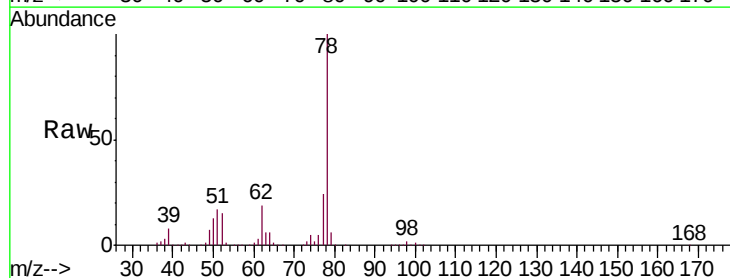
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

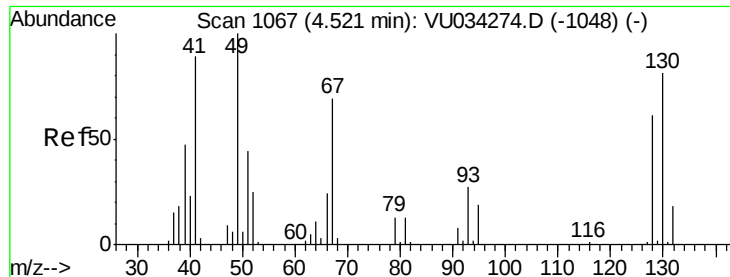
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.0	62.1	93.1
98	46.6	37.0	55.6



#40
Benzene
Concen: 52.917 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1

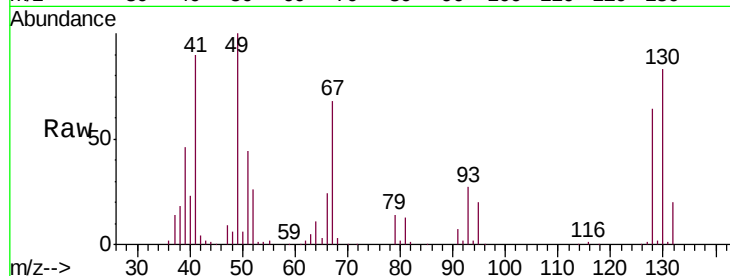




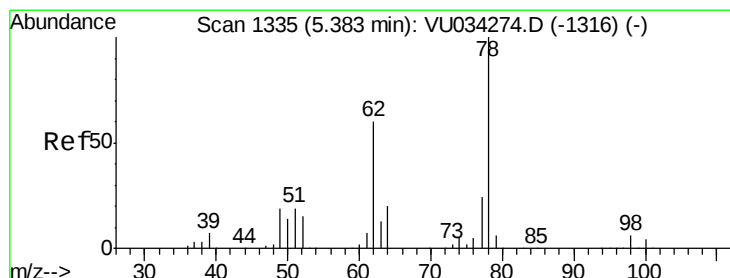
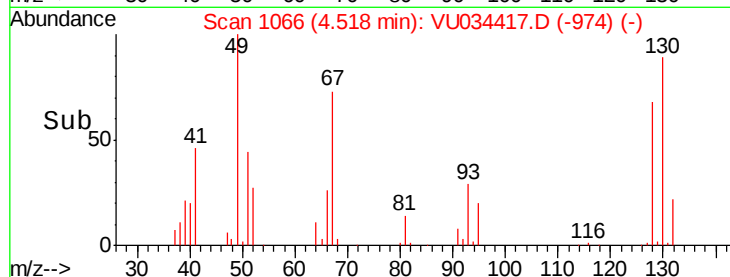
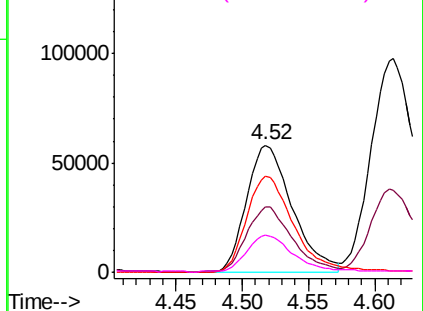
#41
Methacrylonitrile
Concen: 53.217 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	137812
Ion	Ratio	Lower	Upper
41	100		
39	51.4	41.0	61.4
67	80.0	62.4	93.6
52	30.4	23.6	35.4

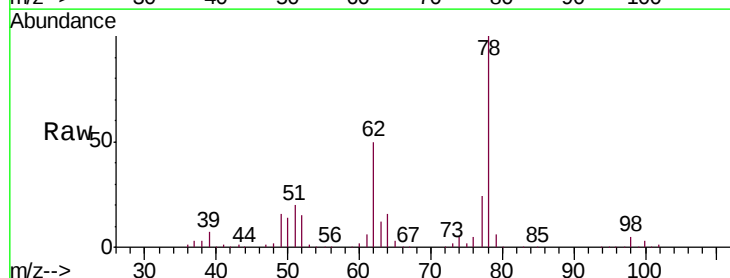


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

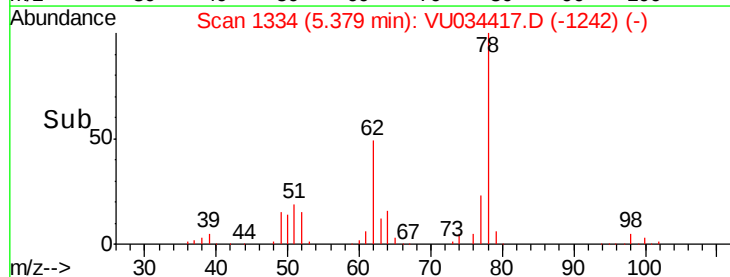
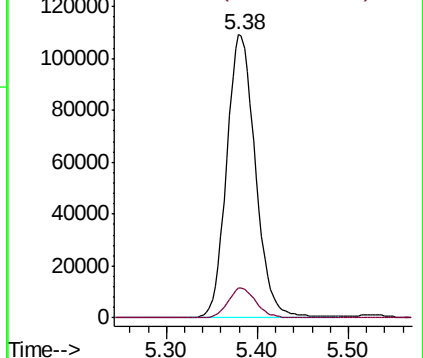


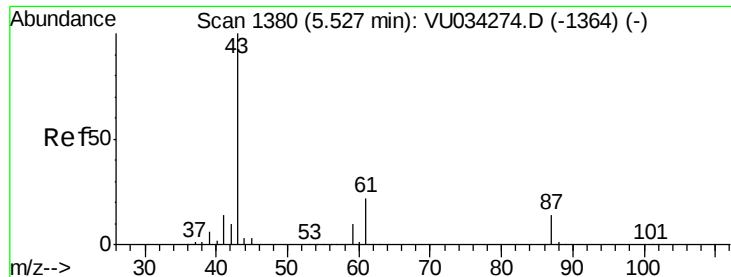
#42
1,2-Dichloroethane
Concen: 52.055 ug/l
RT: 5.38 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion:	62	Resp:	239799
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VU0
Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 49.587 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

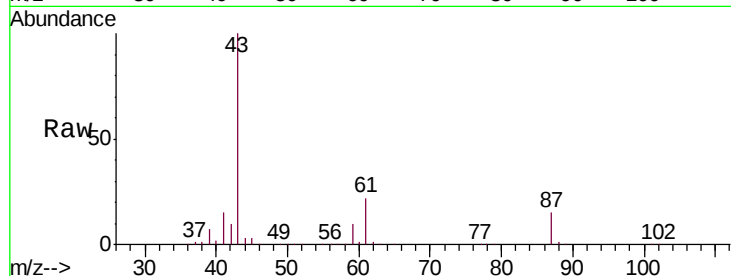
Tgt Ion: 43 Resp: 376075

Ion Ratio Lower Upper

43 100

61 21.9 17.1 25.7

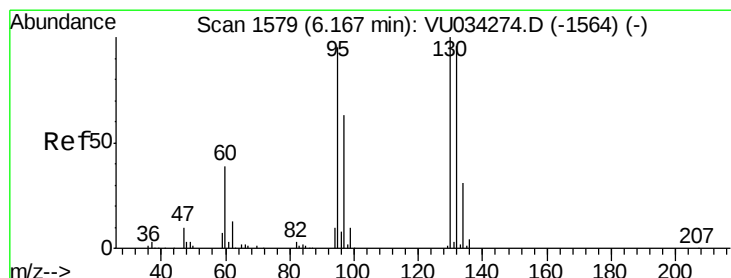
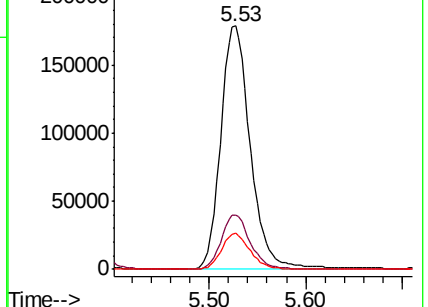
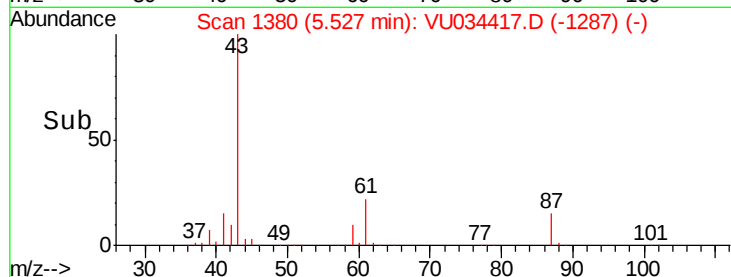
87 14.5 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034417.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034417.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034417.D (-1287) (-)



#44

Trichloroethene

Concen: 52.355 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034417.D

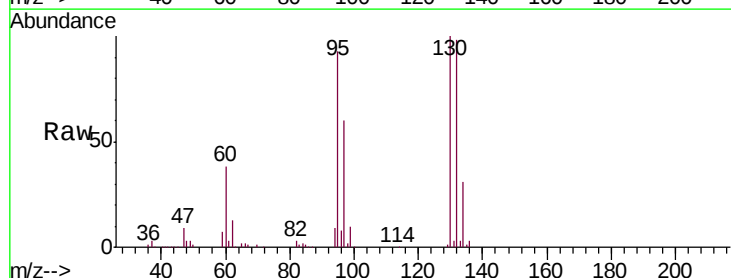
Acq: 09 Sep 2019 08:53

Tgt Ion: 130 Resp: 192225

Ion Ratio Lower Upper

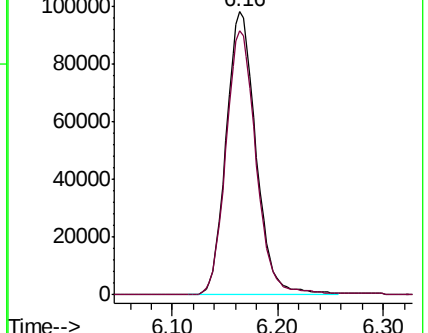
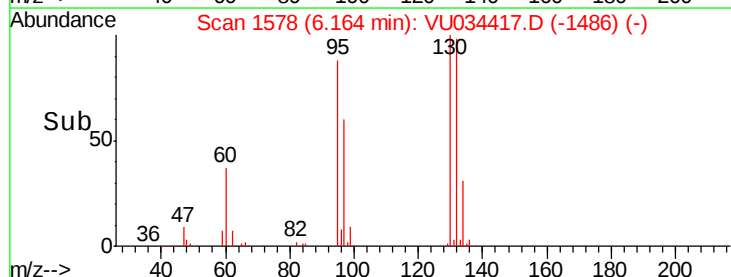
130 100

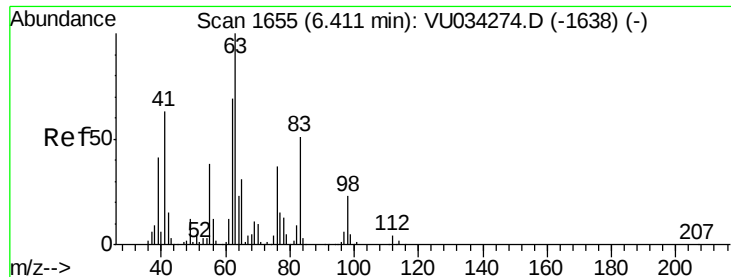
95 93.2 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VU034417.D (-1486) (-)

Ion 94.90 (94.60 to 95.60): VU034417.D (-1486) (-)





#45

1,2-Dichloropropane

Concen: 52.852 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

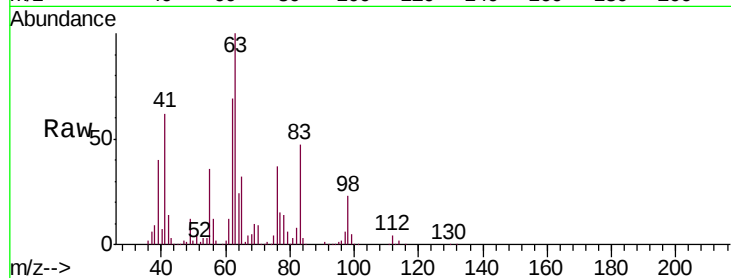
VSTDCCC050

Tgt Ion: 63 Resp: 205006

Ion Ratio Lower Upper

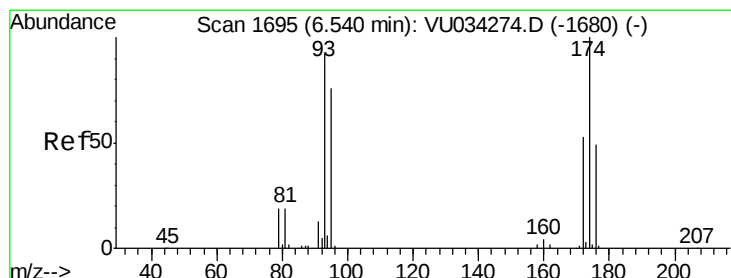
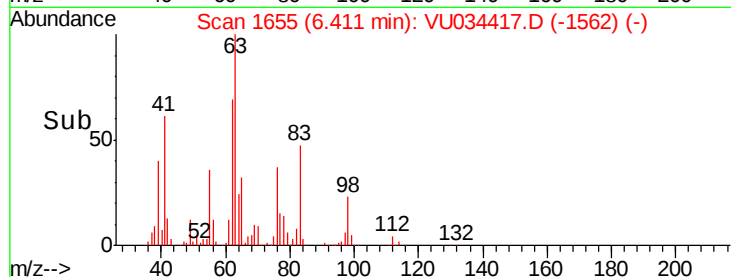
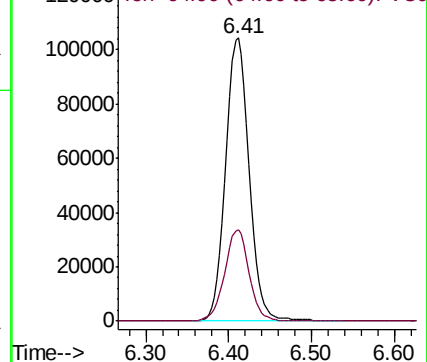
63 100

65 32.2 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VU034417.D (-1638) (-)

Ion 64.90 (64.60 to 65.60): VU034417.D (-1638) (-)



#46

Dibromomethane

Concen: 52.960 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

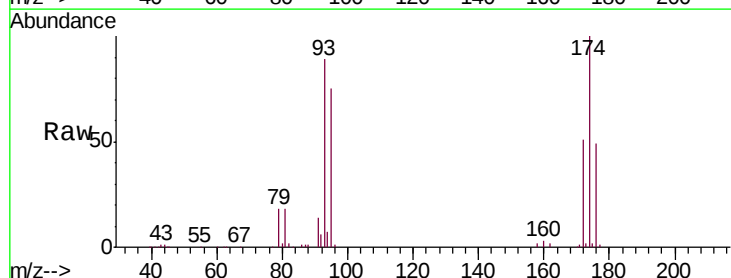
Tgt Ion: 93 Resp: 128946

Ion Ratio Lower Upper

93 100

95 85.8 66.5 99.7

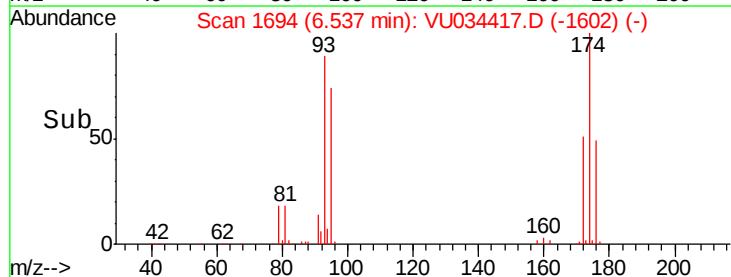
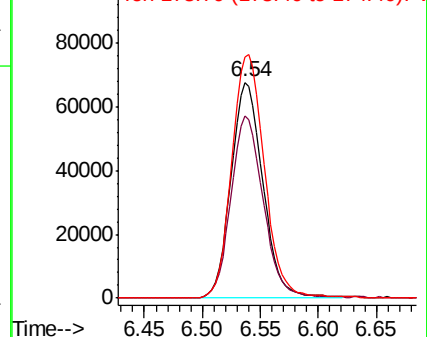
174 115.7 87.8 131.6

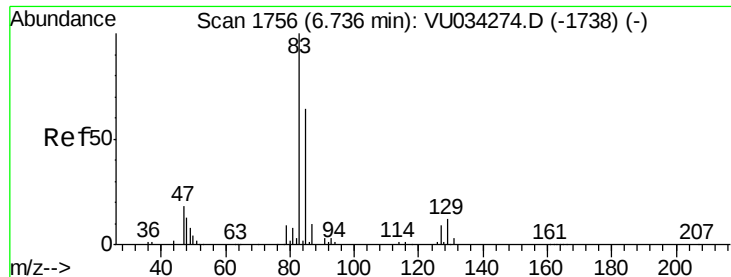


Abundance Ion 92.80 (92.50 to 93.50): VU034417.D (-1602) (-)

Ion 94.80 (94.50 to 95.50): VU034417.D (-1602) (-)

Ion 173.70 (173.40 to 174.40): VU034417.D (-1602) (-)





#47

Bromodichloromethane

Concen: 53.613 ug/l

RT: 6.73 min Scan# 1755

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

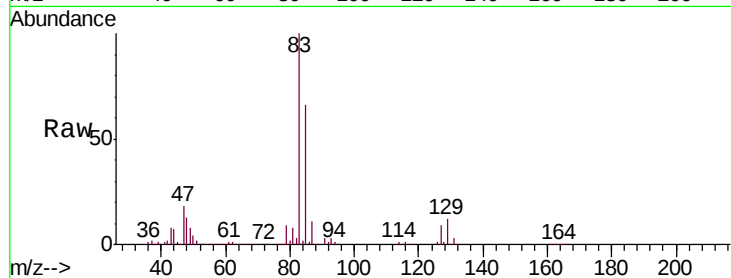
Tgt Ion: 83 Resp: 268694

Ion Ratio Lower Upper

83 100

85 65.5 51.1 76.7

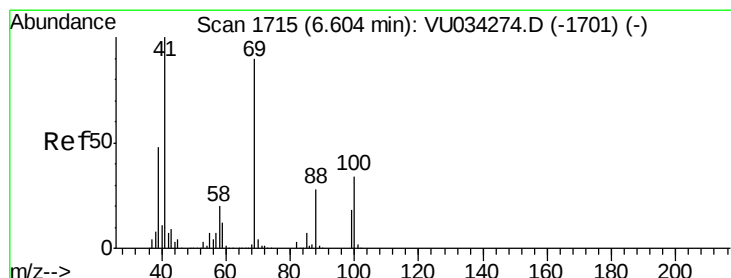
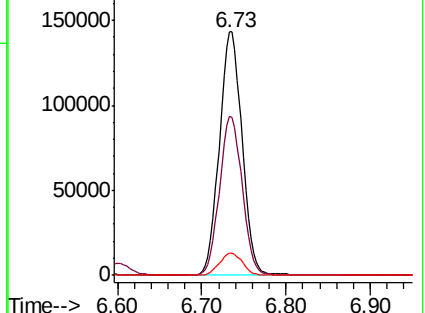
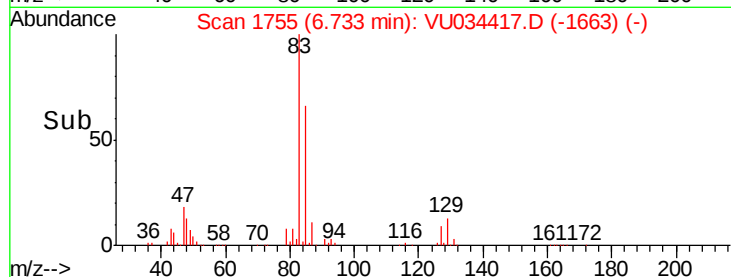
127 9.1 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU034417.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034417.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034417.D (-1663) (-)



#48

Methyl methacrylate

Concen: 49.521 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

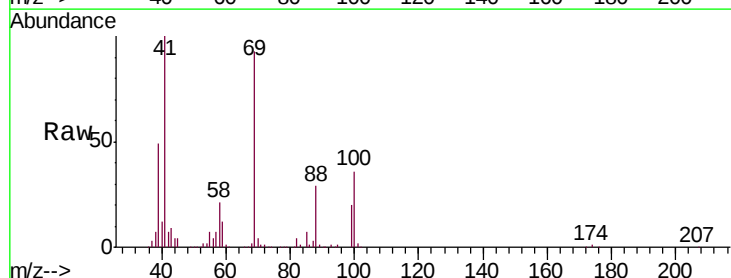
Tgt Ion: 41 Resp: 178382

Ion Ratio Lower Upper

41 100

69 96.0 72.8 109.2

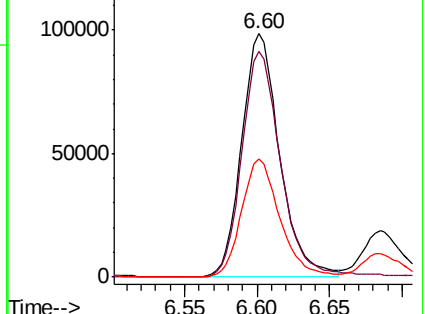
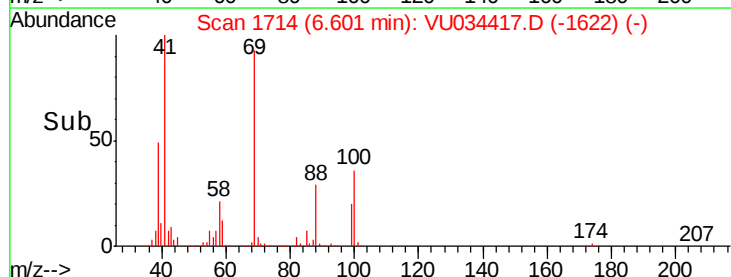
39 49.0 38.6 58.0

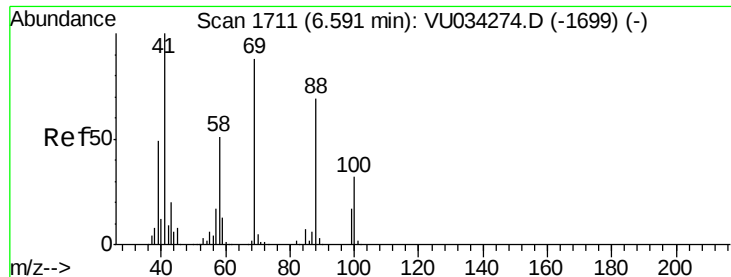


Abundance Ion 41.00 (40.70 to 41.70): VU034417.D (-1622) (-)

Ion 69.00 (68.70 to 69.70): VU034417.D (-1622) (-)

Ion 39.00 (38.70 to 39.70): VU034417.D (-1622) (-)

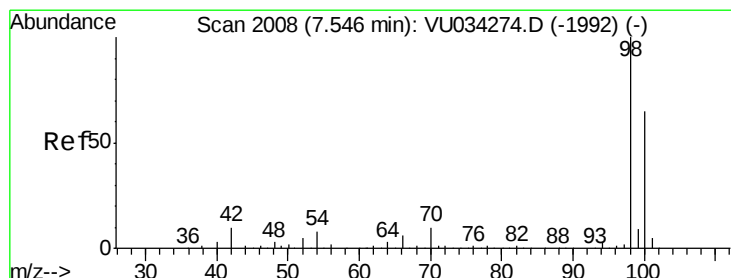
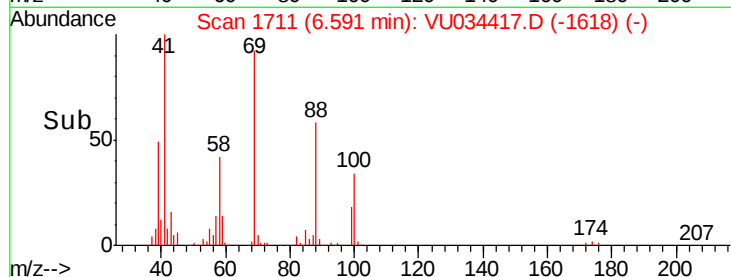
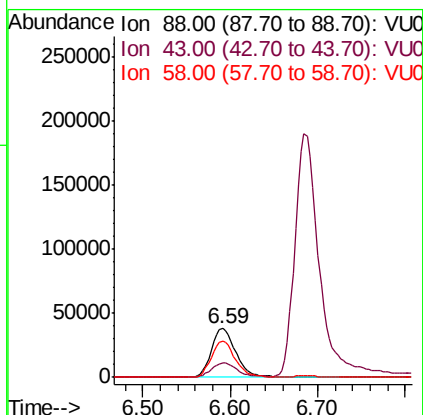
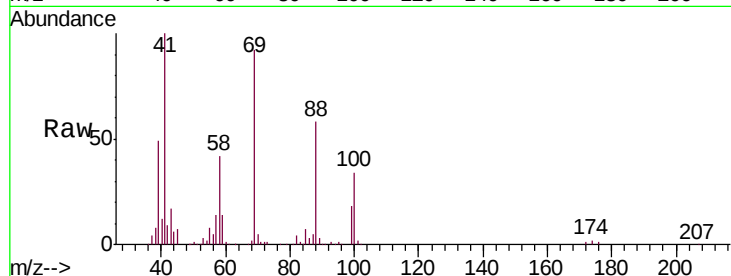




#49
1,4-Dioxane
Concen: 938.253 ug/l
RT: 6.59 min Scan# 1711
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

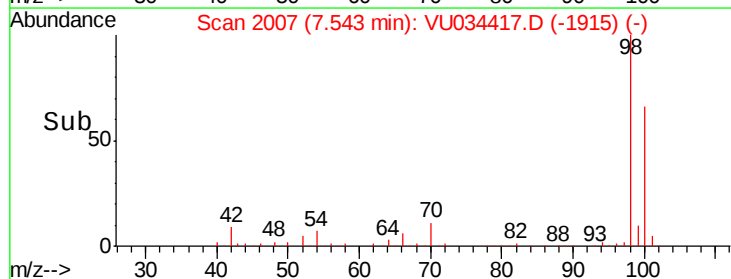
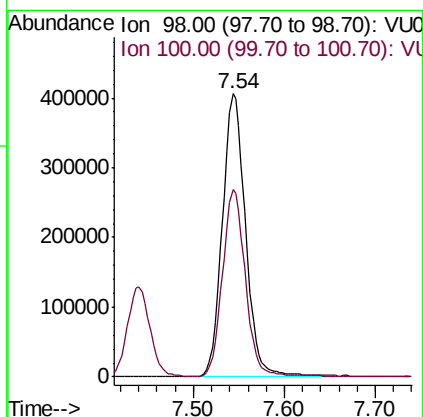
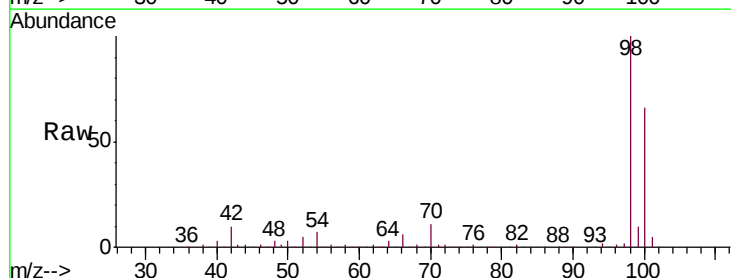
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

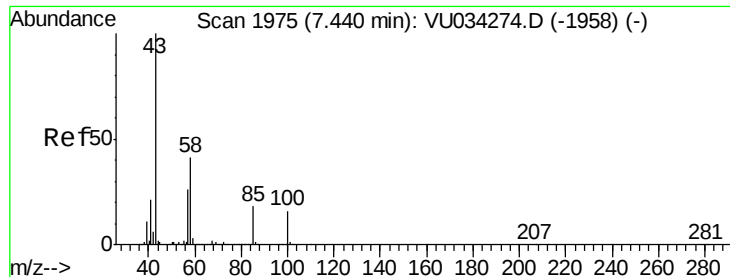
Tgt Ion: 88 Resp: 73801
Ion Ratio Lower Upper
88 100
43 29.8 23.8 35.6
58 73.1 58.4 87.6



#50
Toluene-d8
Concen: 54.361 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion: 98 Resp: 720549
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5

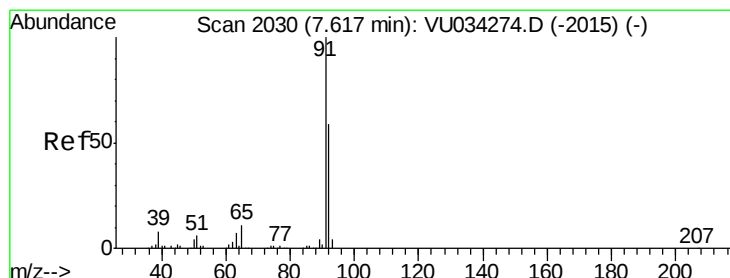
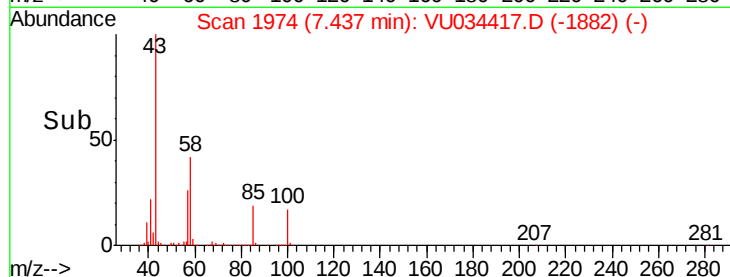
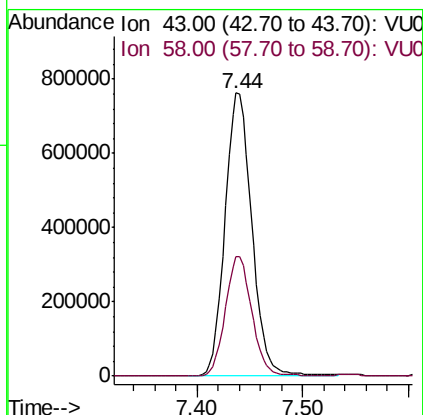
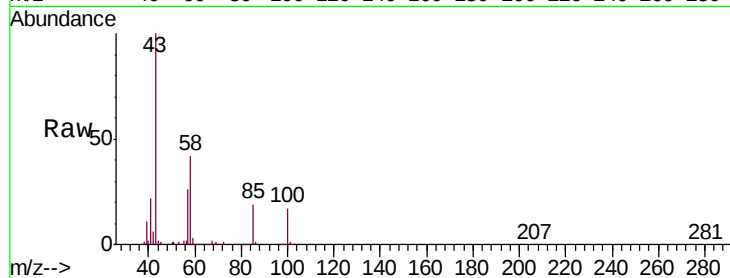




#51
 4-Methyl-2-Pentanone
 Concen: 255.494 ug/l
 RT: 7.44 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

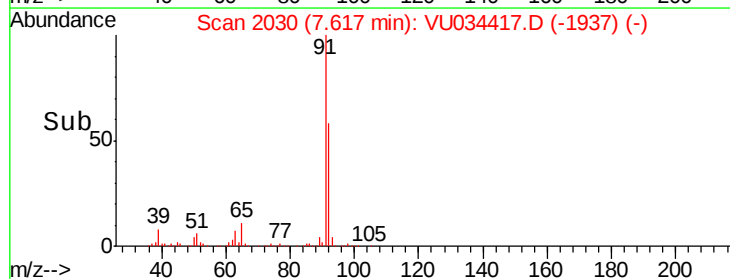
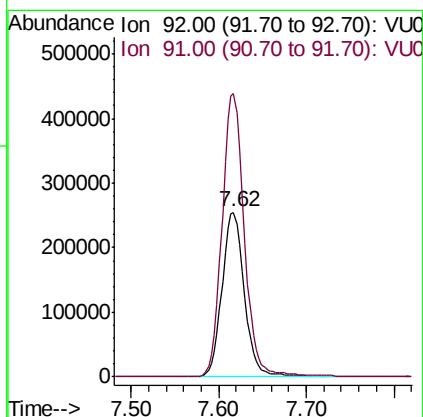
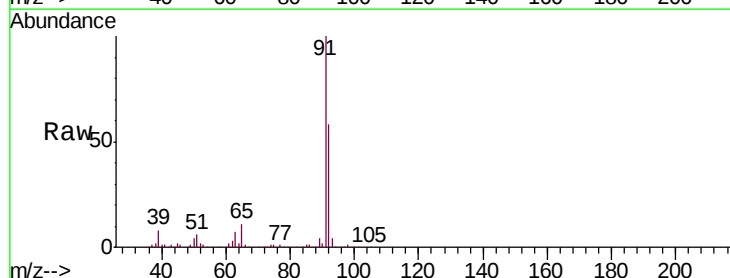
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

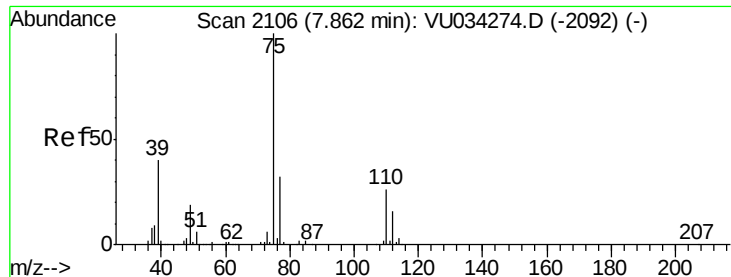
Tgt Ion: 43 Resp: 1341270
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.0 49.4



#52
 Toluene
 Concen: 54.556 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion: 92 Resp: 454080
 Ion Ratio Lower Upper
 92 100
 91 171.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 52.427 ug/l

RT: 7.86 min Scan# 2105

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

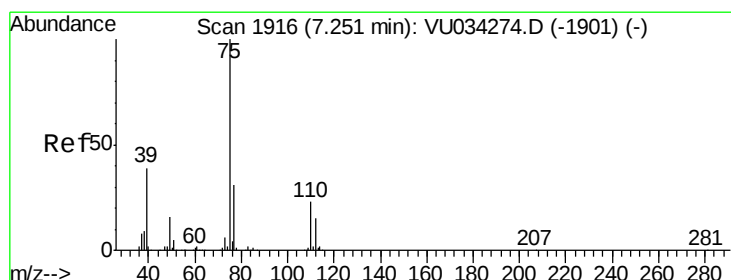
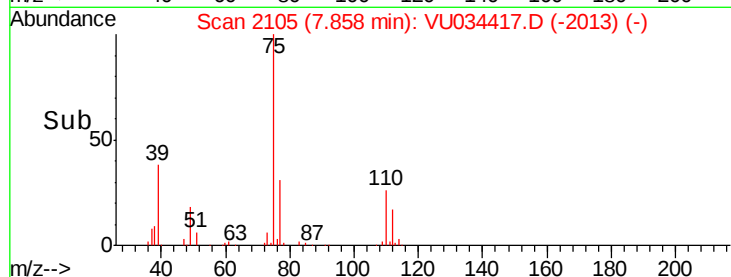
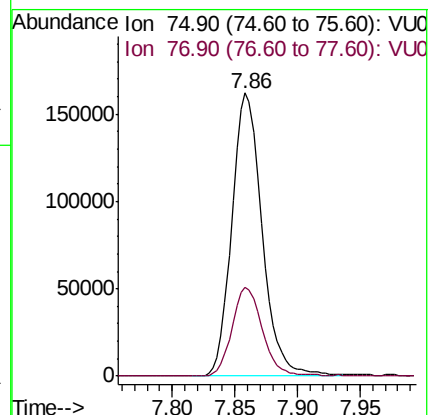
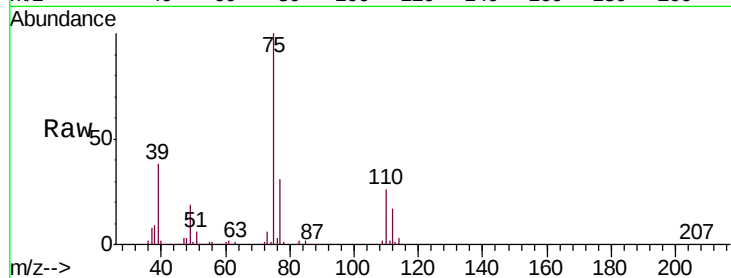
VSTDCCC050

Tgt Ion: 75 Resp: 272374

Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 54.290 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

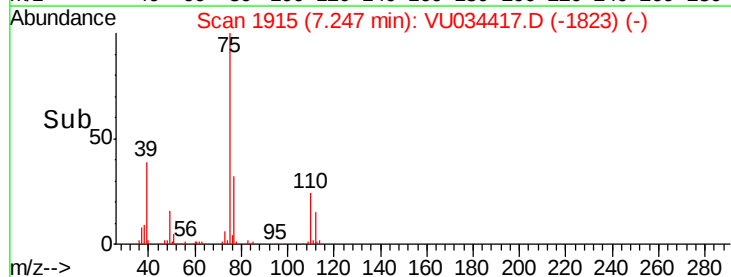
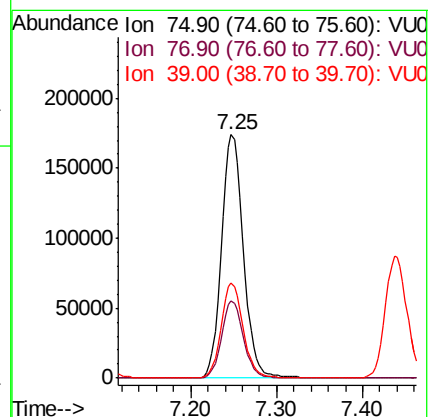
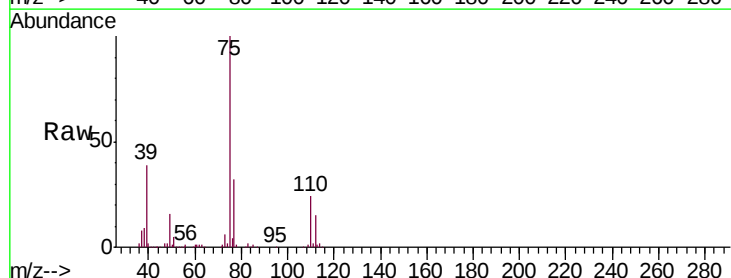
Tgt Ion: 75 Resp: 309567

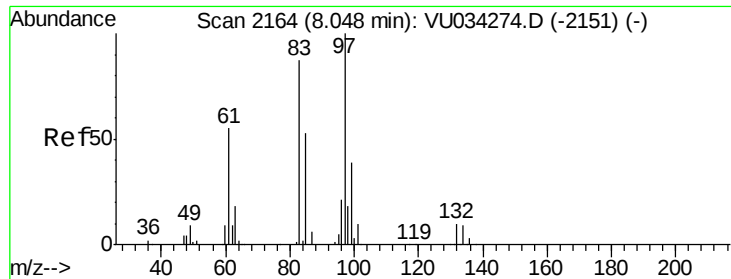
Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

39 39.2 31.2 46.8

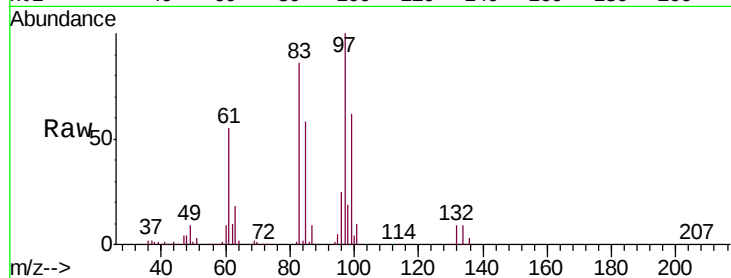




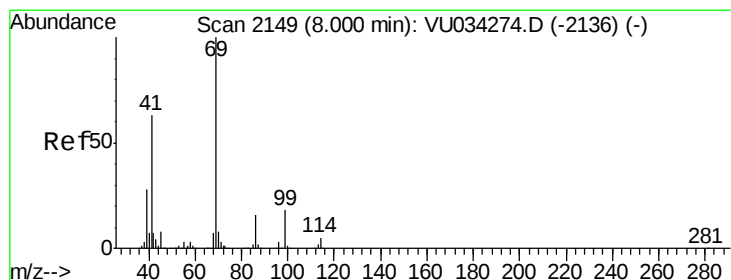
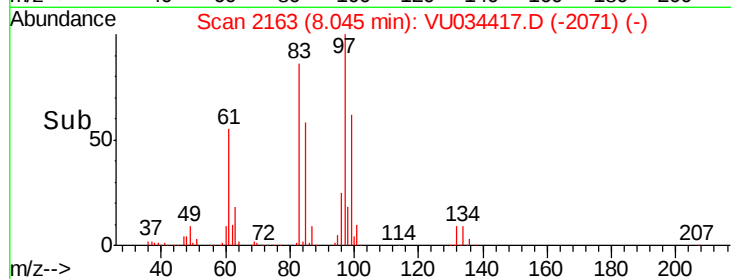
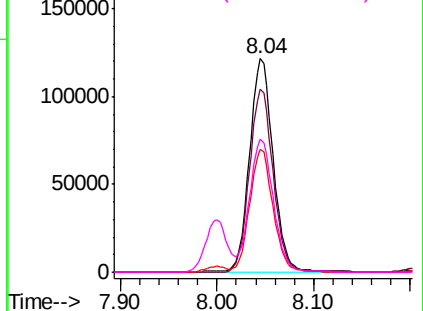
#55
 1,1,2-Trichloroethane
 Concen: 54.810 ug/l
 RT: 8.04 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	207147
Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.0	103.6
85	57.8	44.2	66.2
99	61.9	49.4	74.0

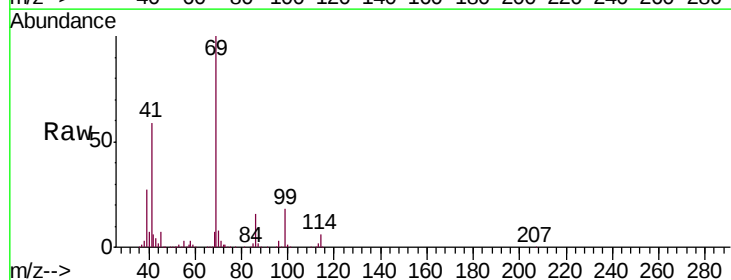


Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0

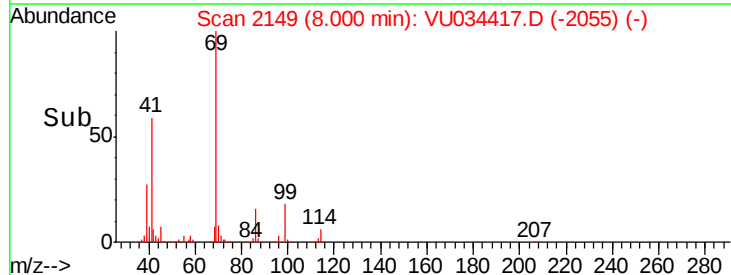
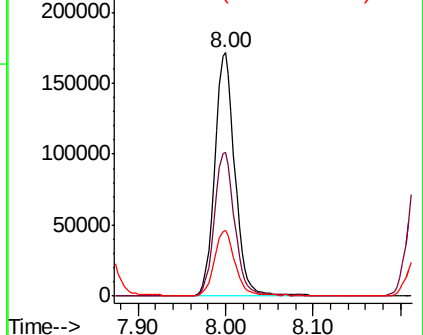


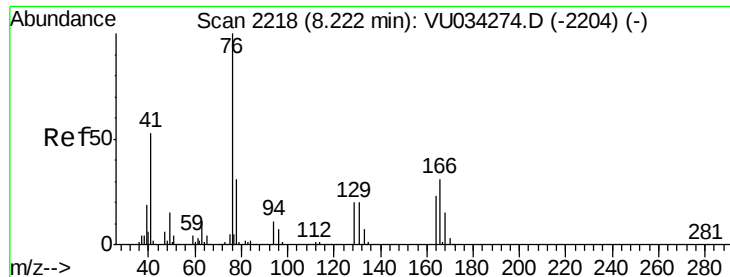
#56
 Ethyl methacrylate
 Concen: 47.828 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion:	69	Resp:	273807
Ion	Ratio	Lower	Upper
69	100		
41	59.7	49.5	74.3
39	26.9	22.5	33.7



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

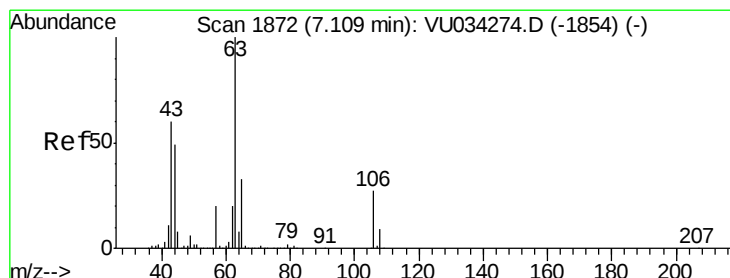
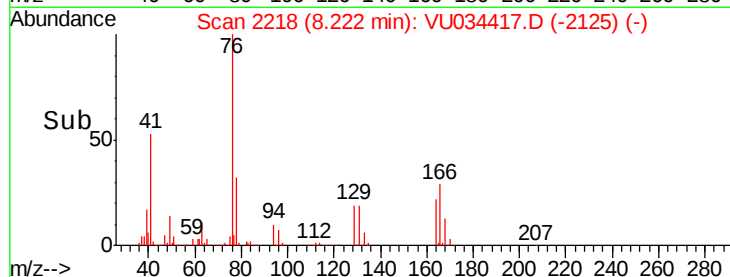
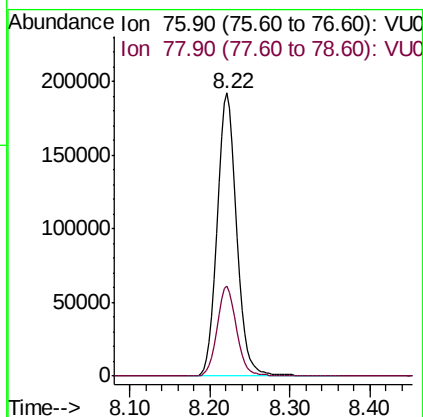
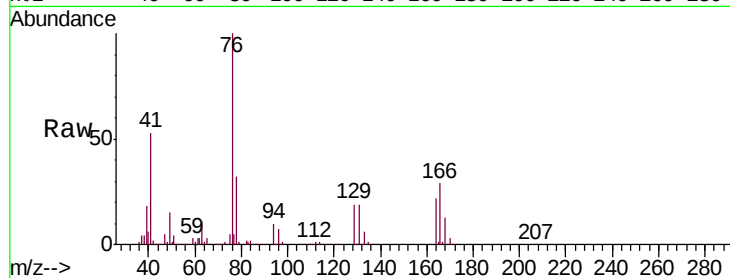




#57
 1,3-Dichloropropane
 Concen: 53.136 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

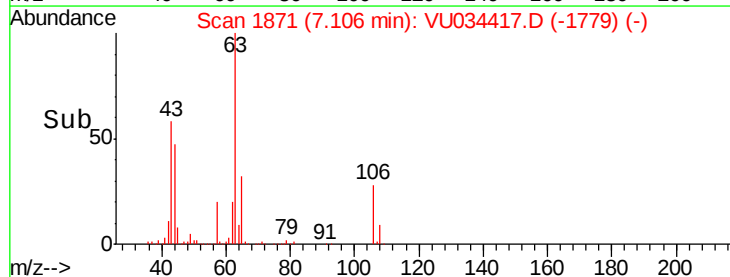
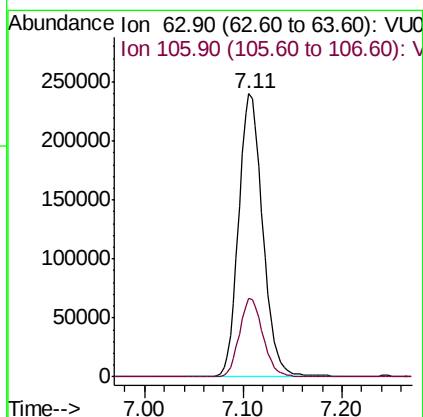
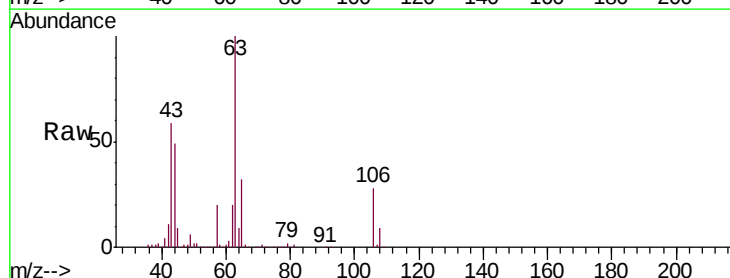
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

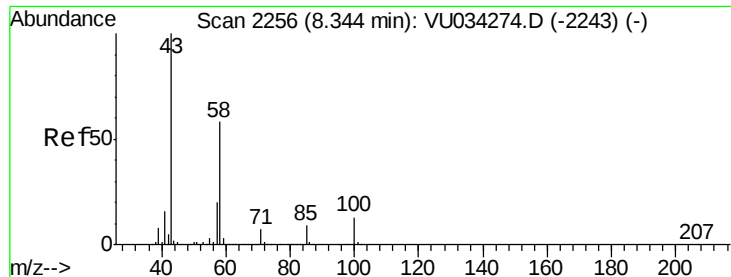
Tgt Ion: 76 Resp: 327007
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 212.083 ug/l
 RT: 7.11 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion: 63 Resp: 406754
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.6 32.4

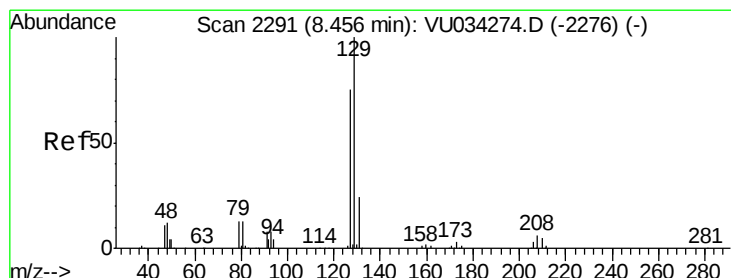
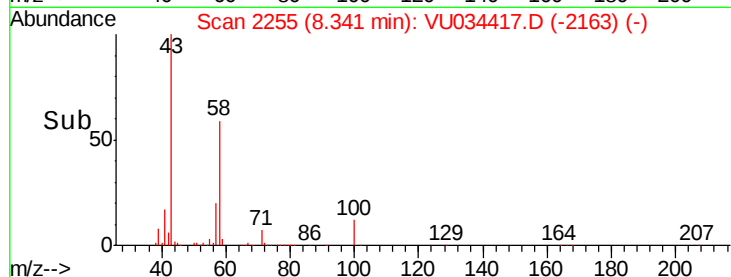
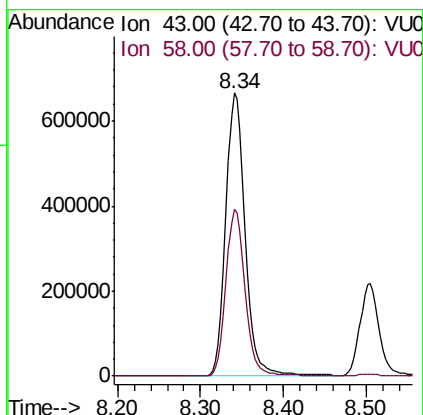
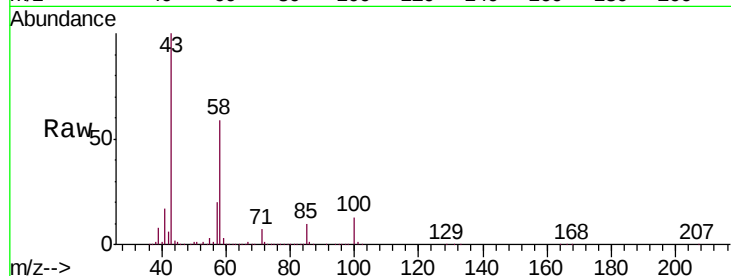




#59
2-Hexanone
Concen: 274.127 ug/l
RT: 8.34 min Scan# 2255
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

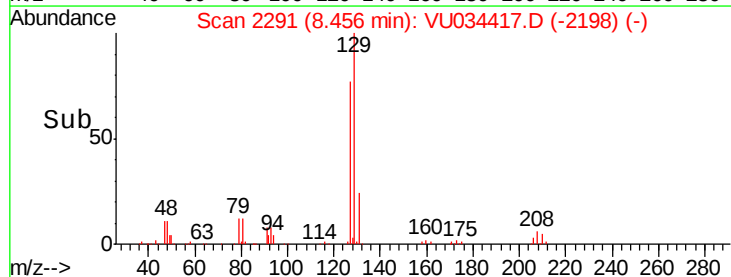
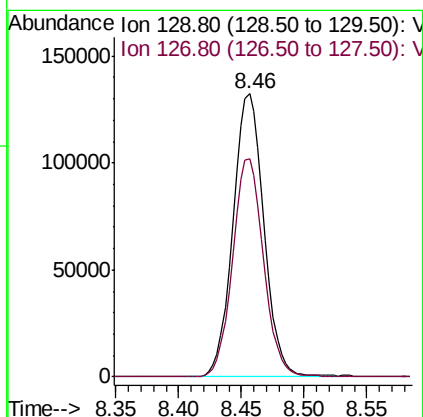
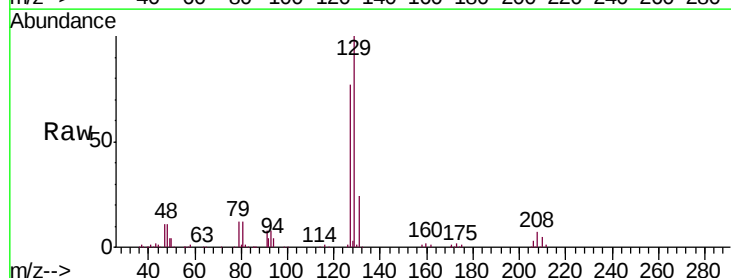
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1075075
Ion Ratio Lower Upper
43 100
58 58.7 28.8 86.5



#60
Dibromochloromethane
Concen: 55.976 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion: 129 Resp: 226912
Ion Ratio Lower Upper
129 100
127 77.2 37.9 113.7





#61

1,2-Dibromoethane

Concen: 54.336 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

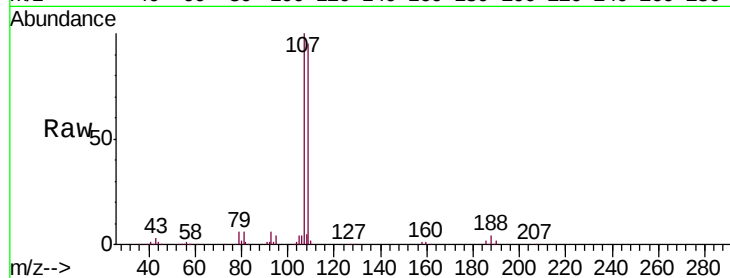
VSTDCCC050

Tgt Ion: 107 Resp: 200996

Ion Ratio Lower Upper

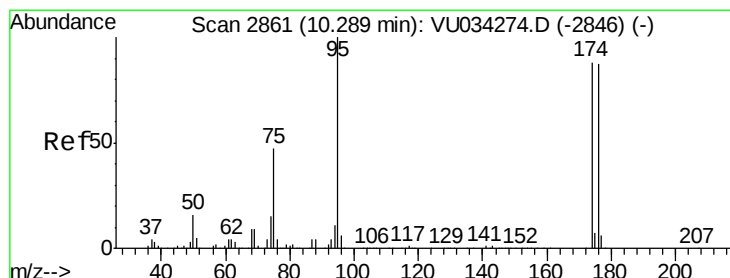
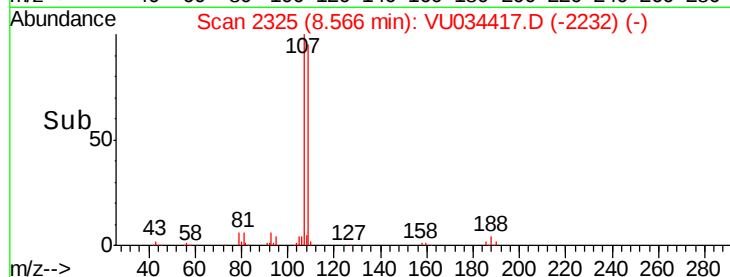
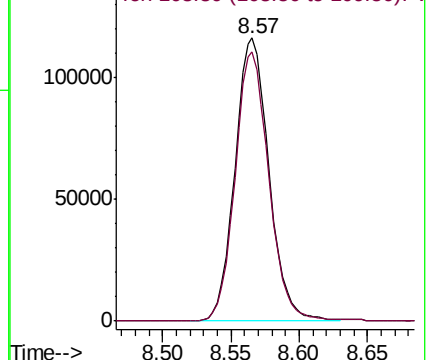
107 100

109 94.9 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.320 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

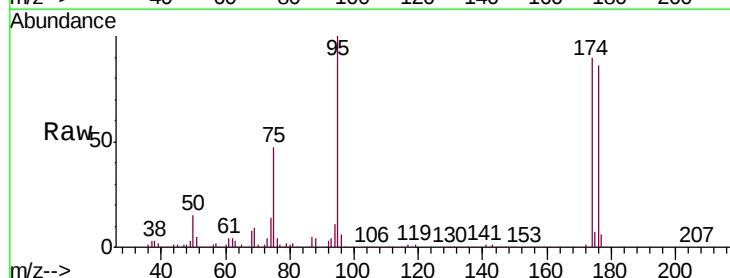
Tgt Ion: 95 Resp: 272871

Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.2

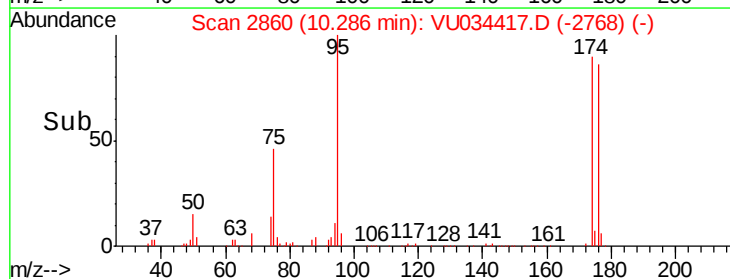
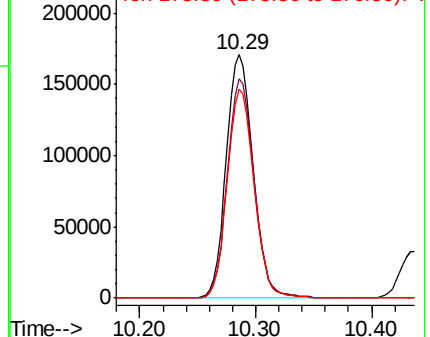
176 85.8 0.0 168.0

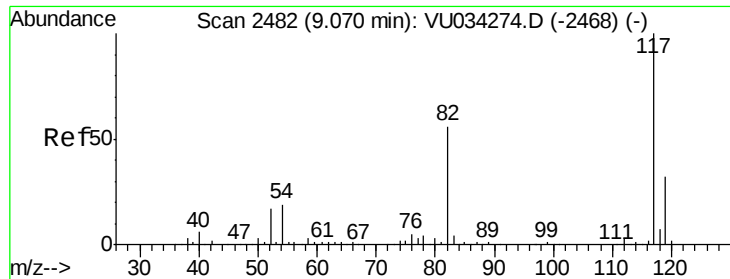


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

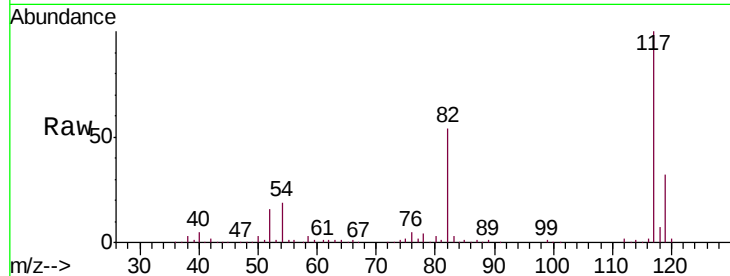




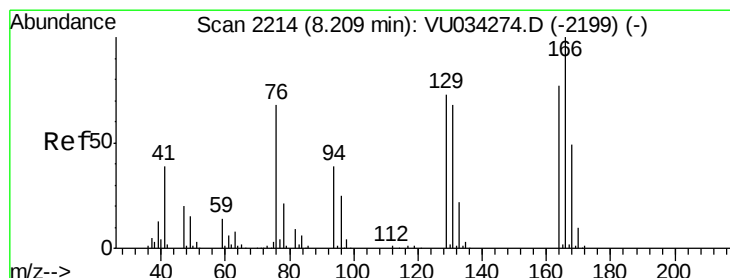
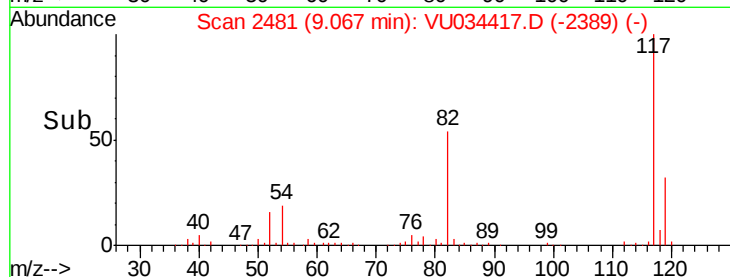
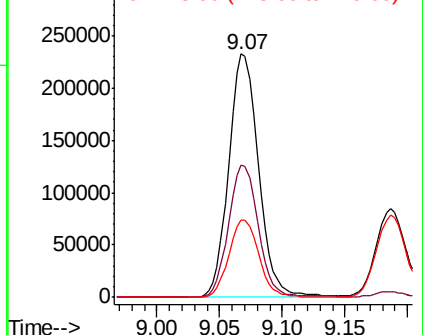
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 386126
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 31.8 25.9 38.9



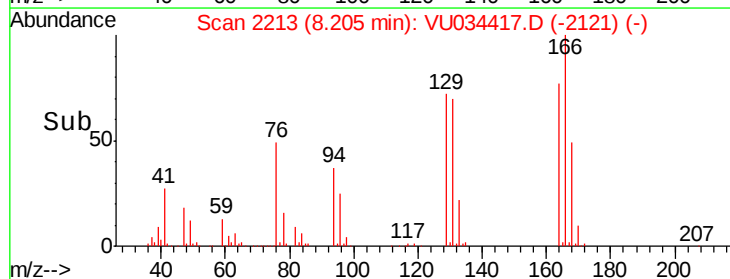
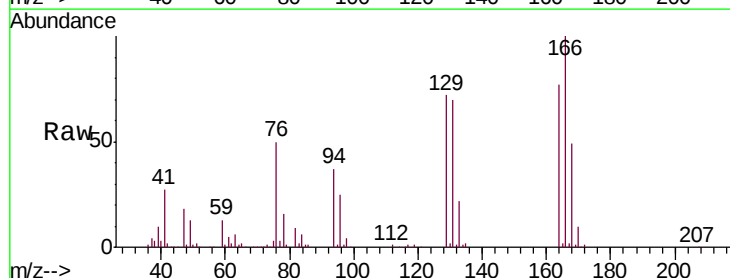
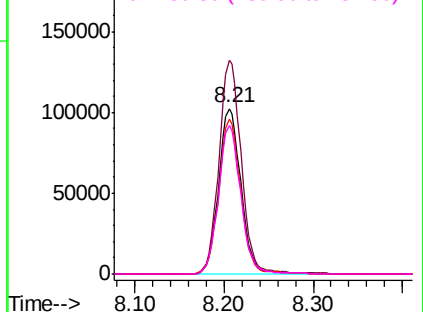
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

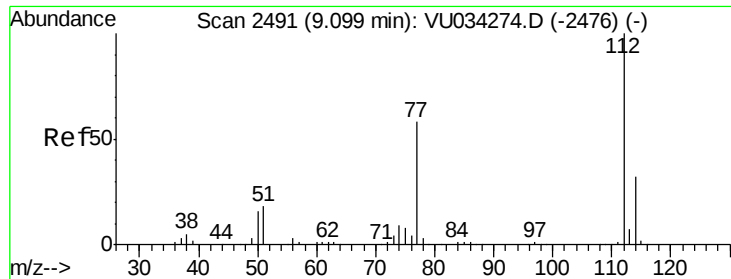


#64
Tetrachloroethene
Concen: 53.061 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion:164 Resp: 177748
Ion Ratio Lower Upper
164 100
166 129.1 103.7 155.5
129 93.2 75.8 113.8
131 89.7 70.7 106.1

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

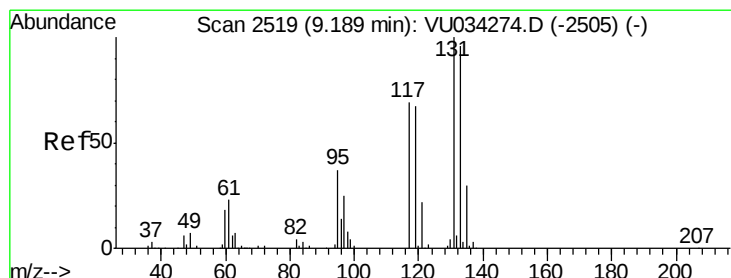
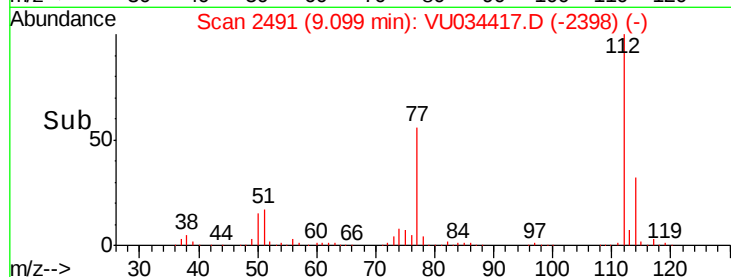
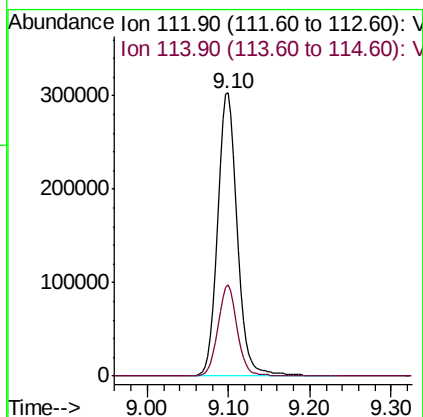
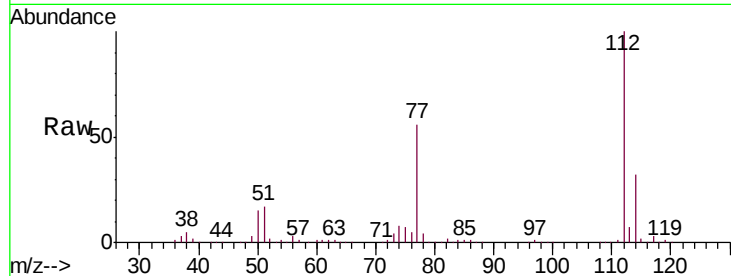




#65
Chlorobenzene
Concen: 53.116 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

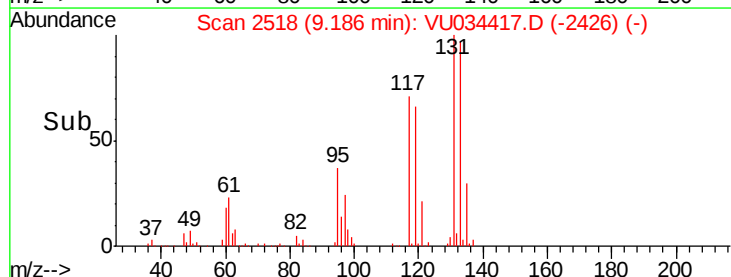
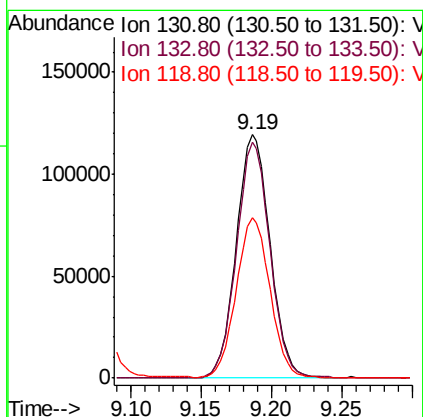
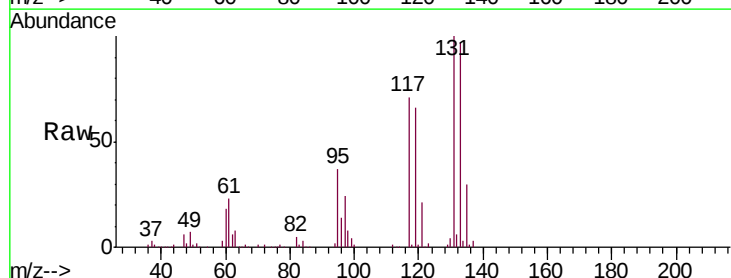
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

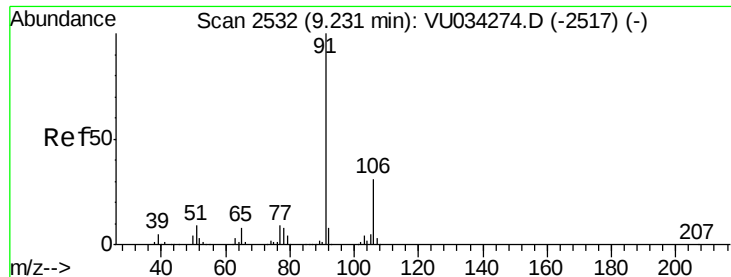
Tgt Ion:112 Resp: 520331
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.681 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion:131 Resp: 200688
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.7
119 65.4 33.1 99.5

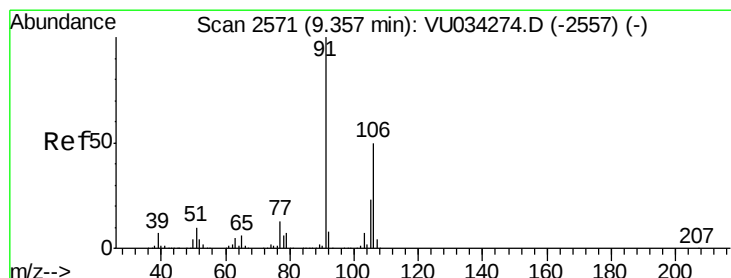
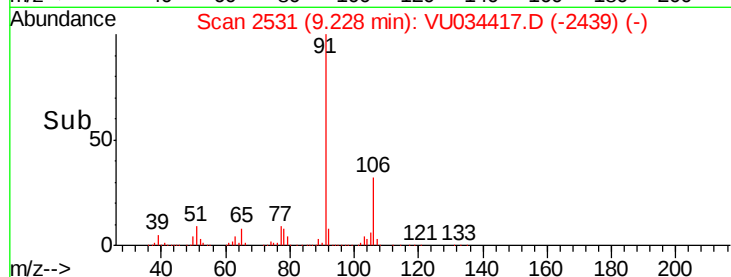
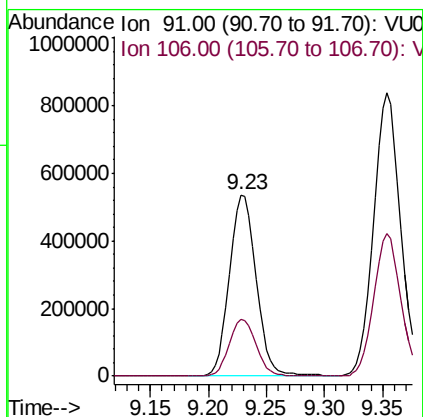
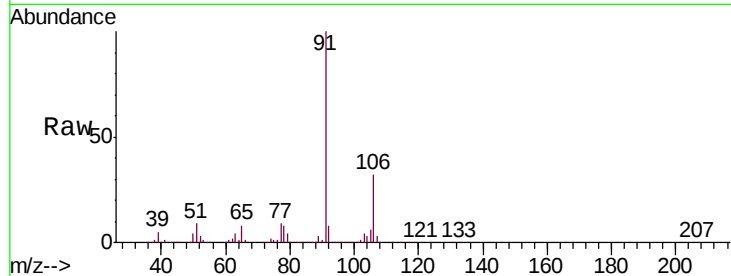




#67
Ethyl Benzene
Concen: 53.467 ug/l
RT: 9.23 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

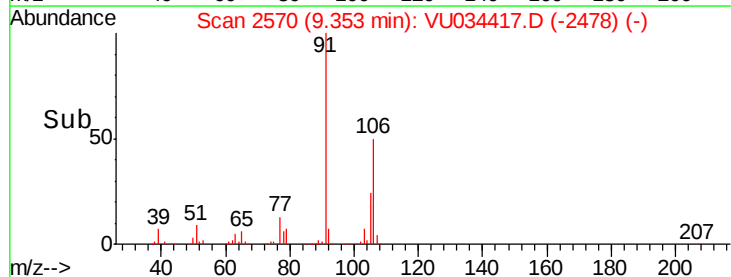
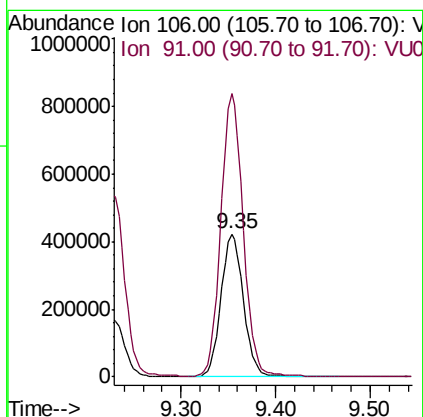
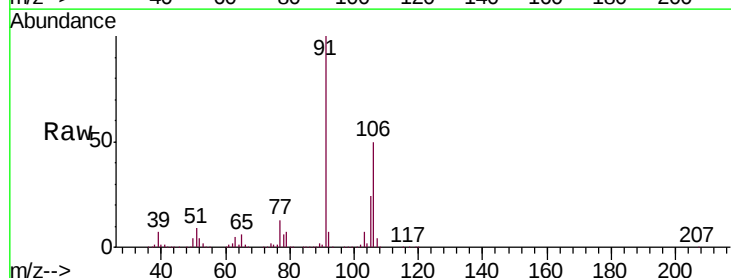
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

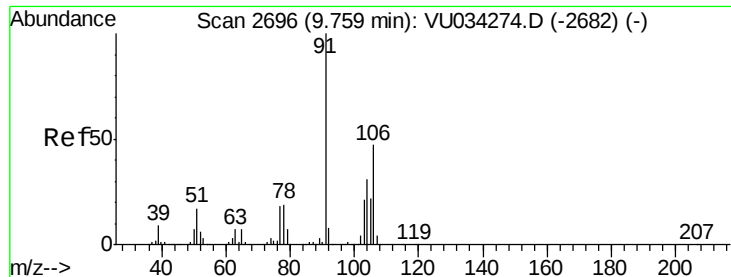
Tgt Ion: 91 Resp: 856402
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2



#68
m/p-Xylenes
Concen: 115.574 ug/l
RT: 9.35 min Scan# 2570
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion: 106 Resp: 697083
Ion Ratio Lower Upper
106 100
91 197.6 160.1 240.1

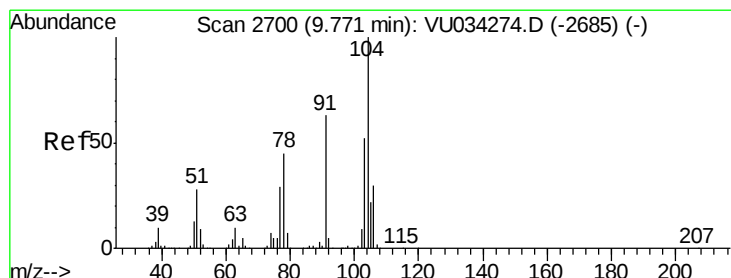
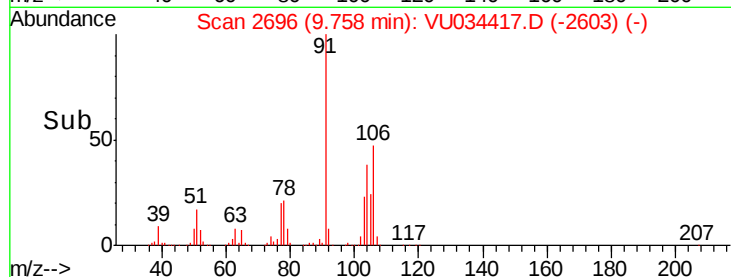
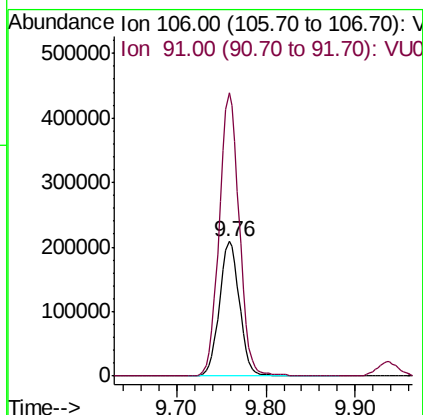
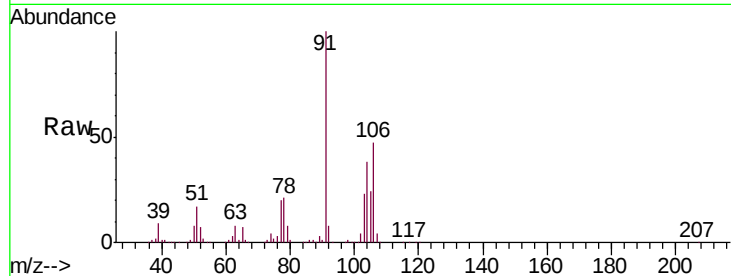




#69
o-Xylene
Concen: 55.191 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

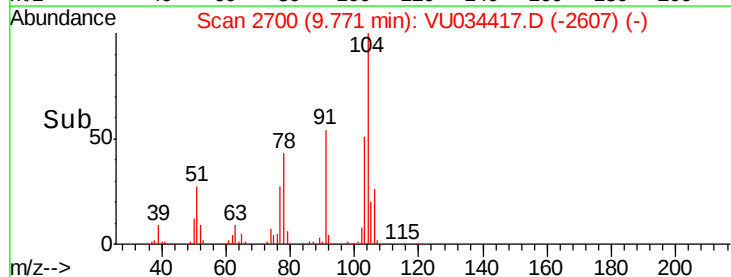
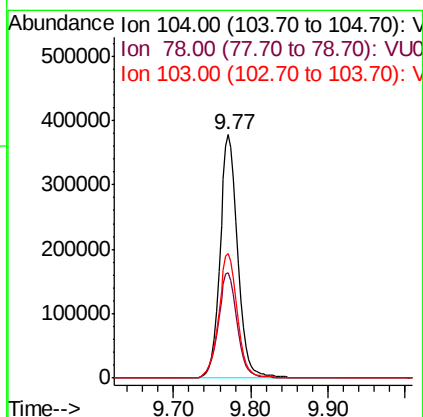
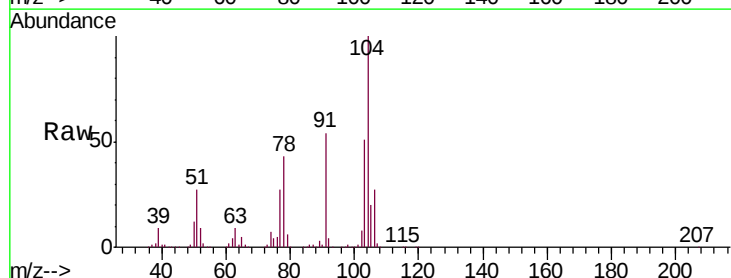
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

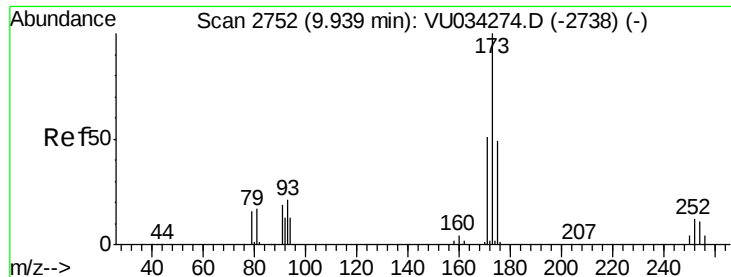
Tgt Ion:106 Resp: 325549
Ion Ratio Lower Upper
106 100
91 210.5 105.1 315.3



#70
Styrene
Concen: 58.696 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion:104 Resp: 607015
Ion Ratio Lower Upper
104 100
78 46.9 38.6 57.8
103 54.4 44.2 66.4





#71

Bromoform

Concen: 54.953 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

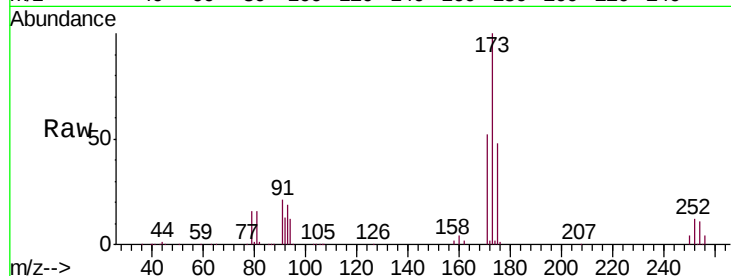
Tgt Ion:173 Resp: 178051

Ion Ratio Lower Upper

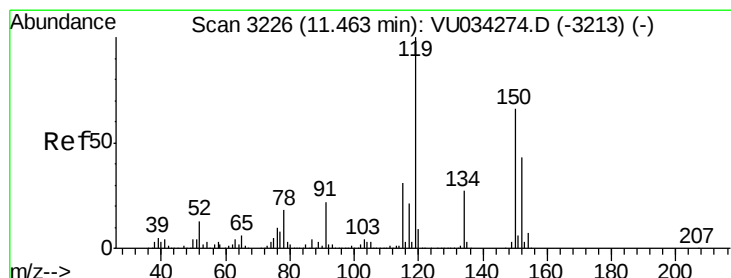
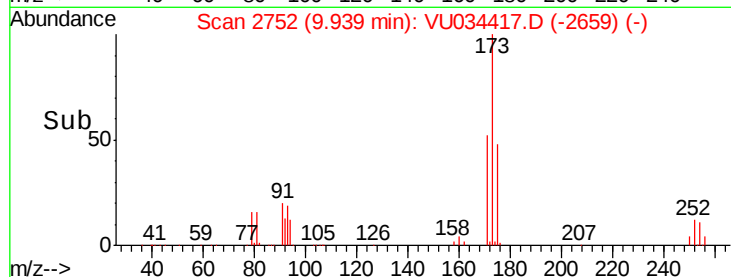
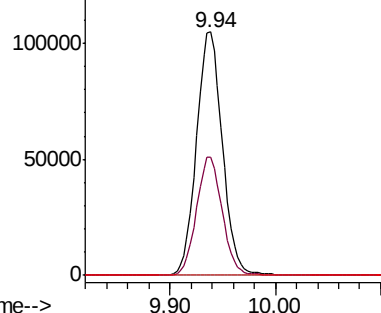
173 100

175 48.2 24.4 73.2

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3225

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

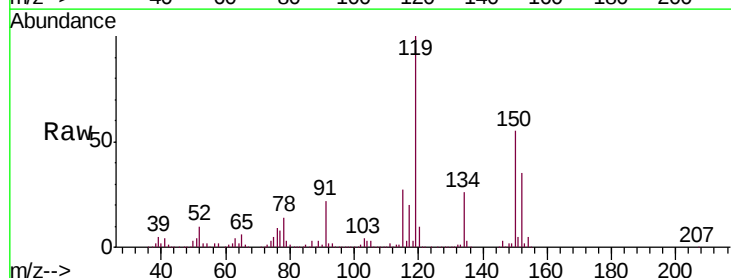
Tgt Ion:152 Resp: 267563

Ion Ratio Lower Upper

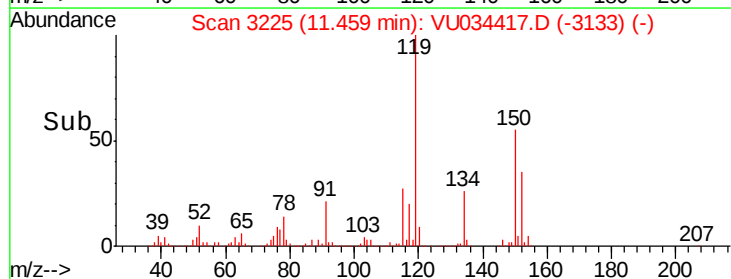
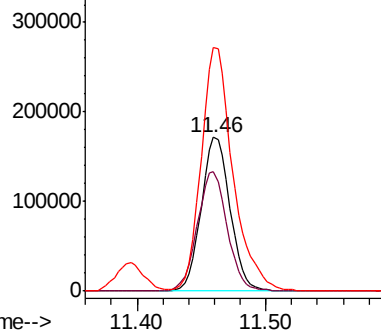
152 100

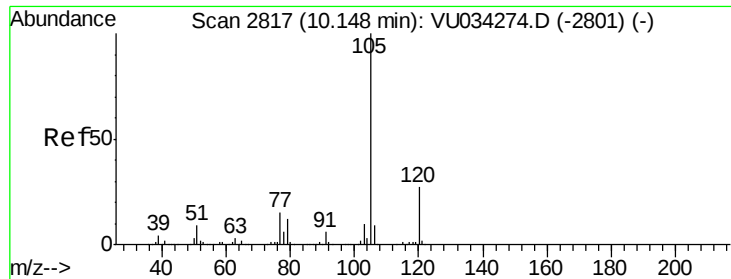
115 79.9 39.1 117.3

150 173.3 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.665 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

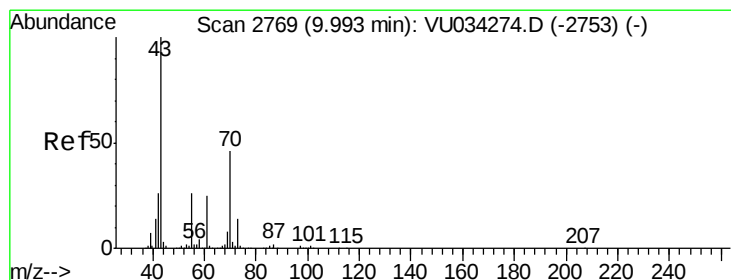
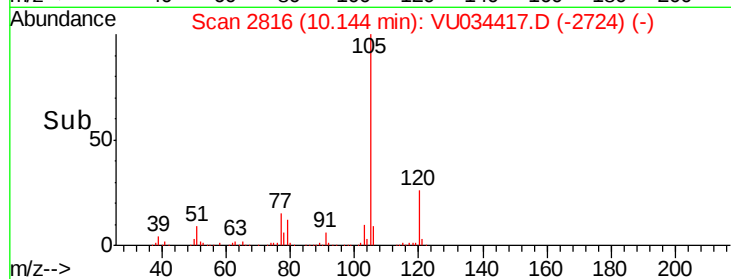
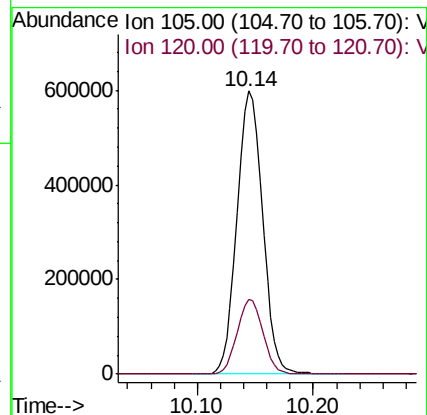
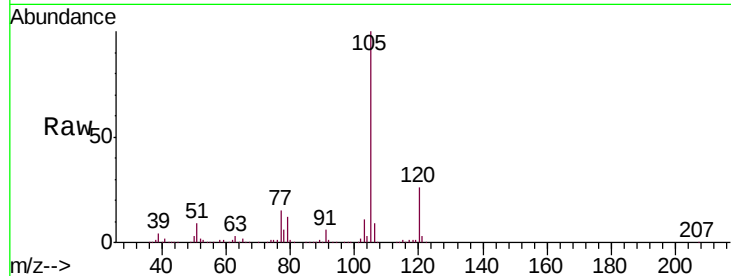
VSTDCCC050

Tgt Ion:105 Resp: 917017

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 49.193 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Tgt Ion: 43 Resp: 344790

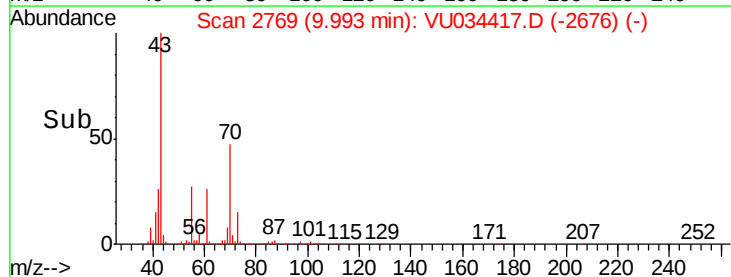
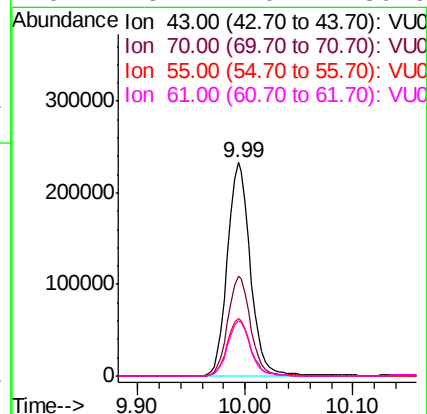
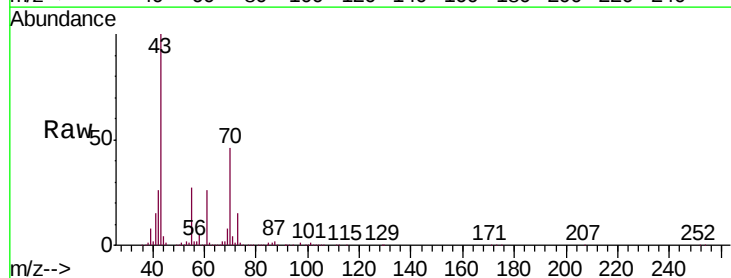
Ion Ratio Lower Upper

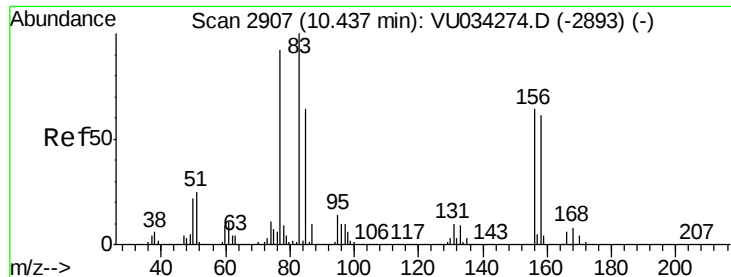
43 100

70 46.4 36.4 54.6

55 27.3 21.2 31.8

61 25.7 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.646 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

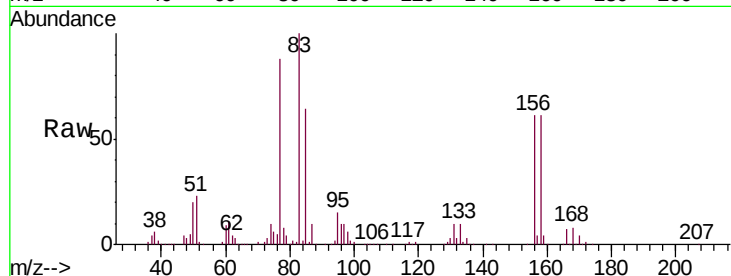
Tgt Ion: 83 Resp: 342863

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 64.7 32.0 96.2

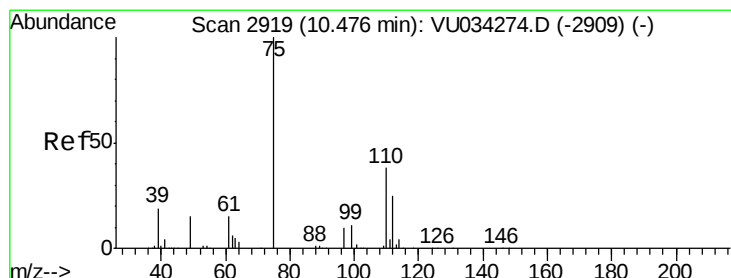
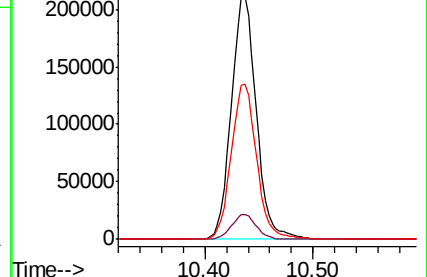
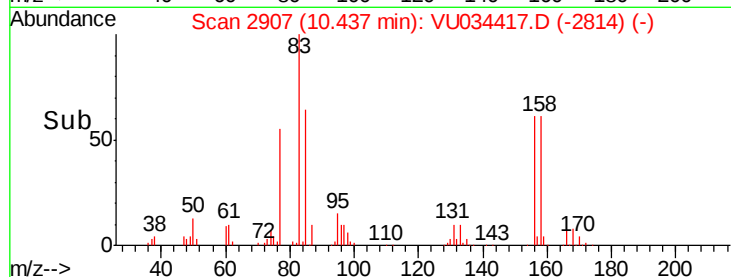


Abundance Ion 82.90 (82.60 to 83.60): VU034417.D (-2814) (-)

Ion 130.80 (130.50 to 131.50): VU034417.D (-2814) (-)

Ion 84.90 (84.60 to 85.60): VU034417.D (-2814) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 63.265 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034417.D

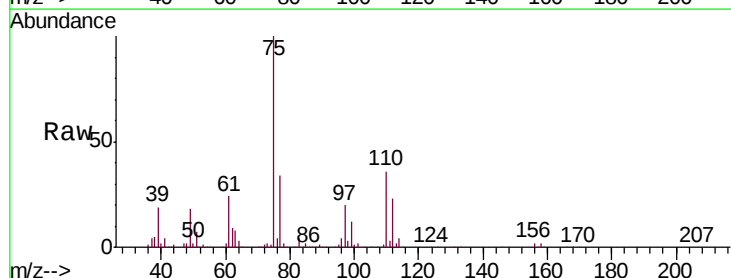
Acq: 09 Sep 2019 08:53

Tgt Ion: 75 Resp: 369496

Ion Ratio Lower Upper

75 100

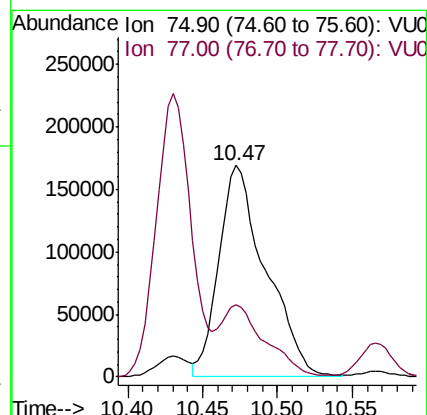
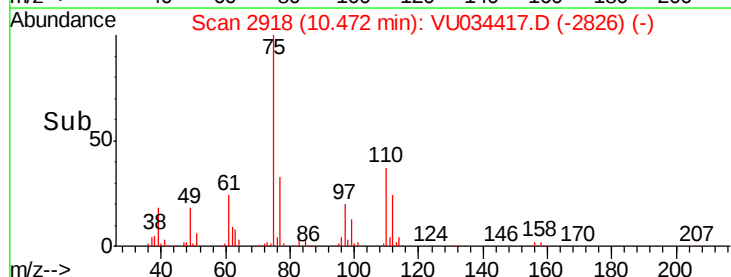
77 30.3 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VU034417.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034417.D (-2826) (-)

Time-->





#77

Bromobenzene

Concen: 51.261 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

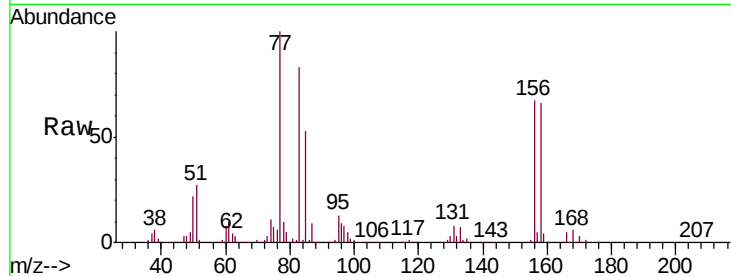
Tgt Ion:156 Resp: 249574

Ion Ratio Lower Upper

156 100

77 147.2 75.6 226.9

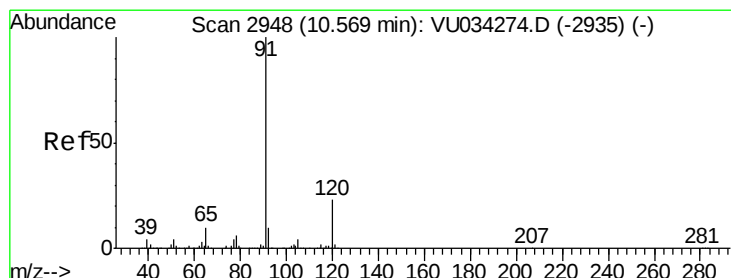
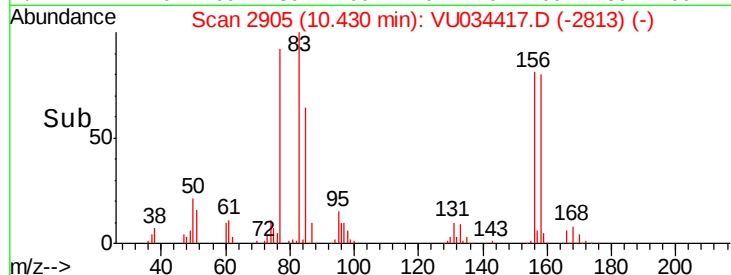
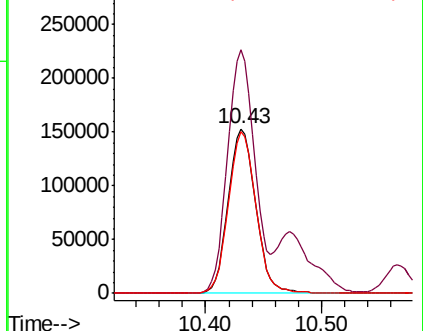
158 98.3 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.694 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034417.D

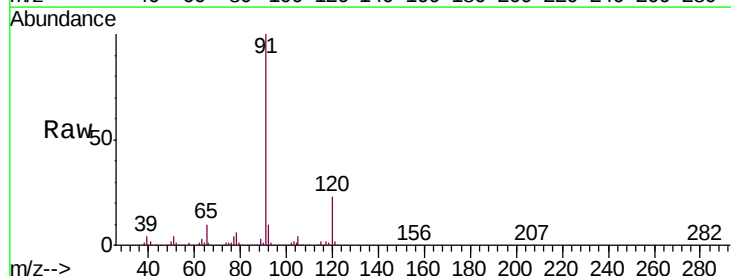
Acq: 09 Sep 2019 08:53

Tgt Ion: 91 Resp: 1079771

Ion Ratio Lower Upper

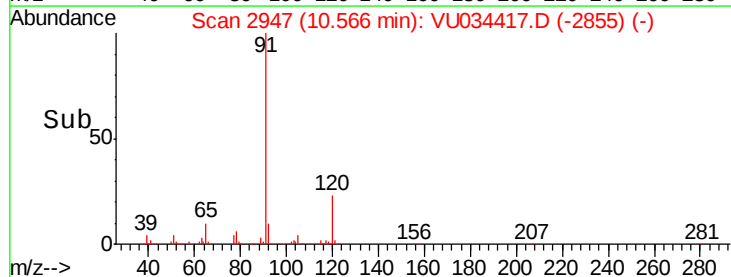
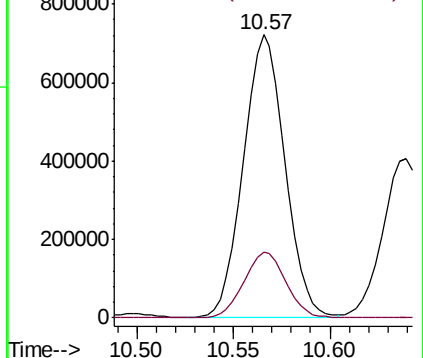
91 100

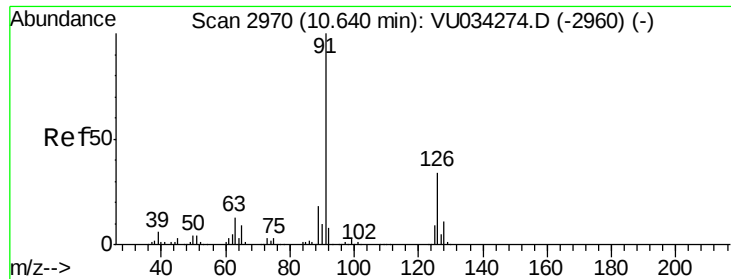
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.435 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

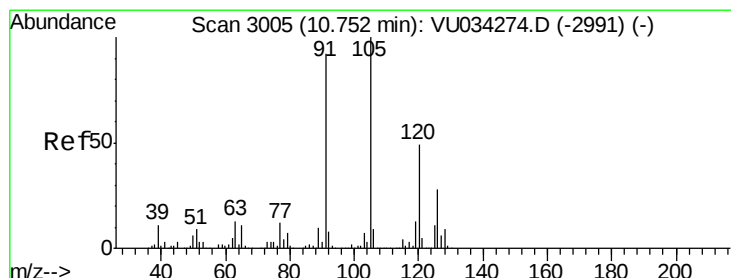
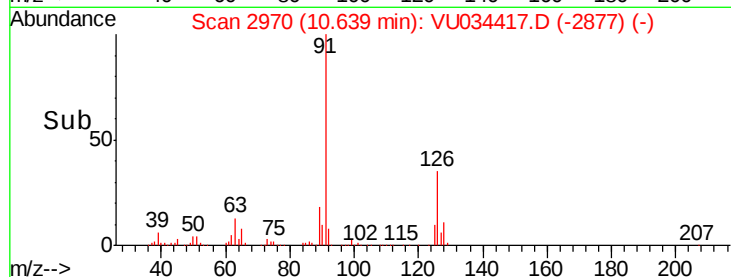
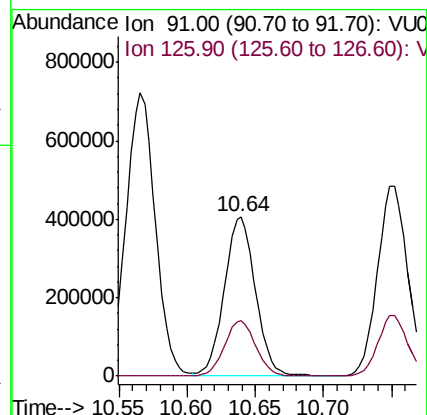
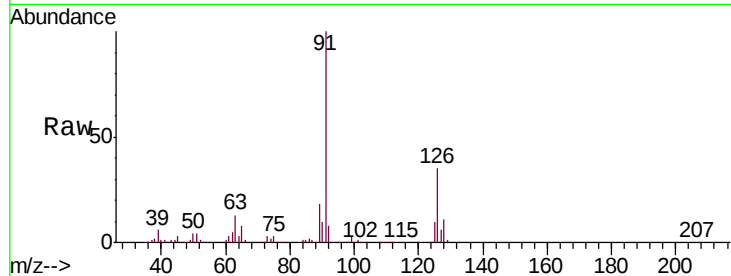
VSTDCCC050

Tgt Ion: 91 Resp: 643380

Ion Ratio Lower Upper

91 100

126 35.0 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 55.838 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034417.D

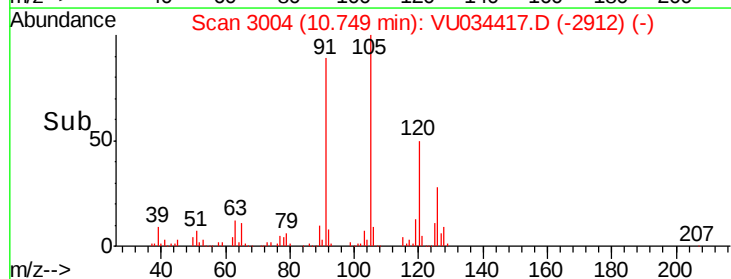
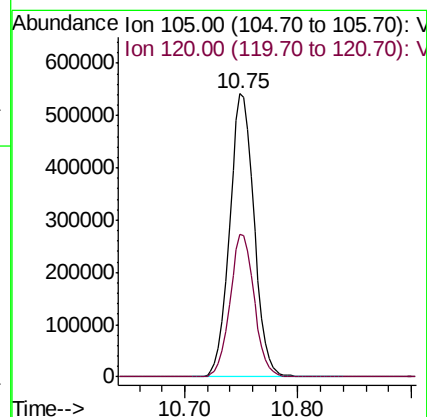
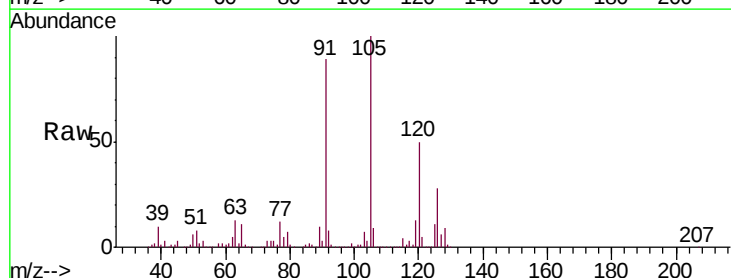
Acq: 09 Sep 2019 08:53

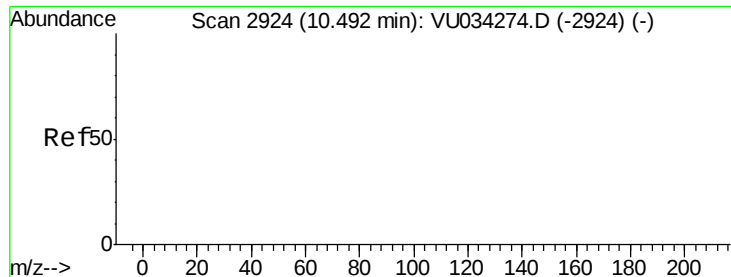
Tgt Ion: 105 Resp: 813148

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 212.757 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.02 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

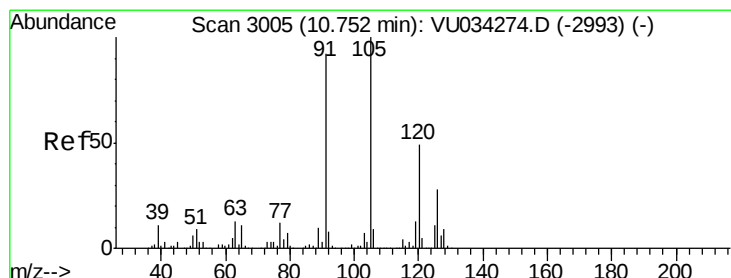
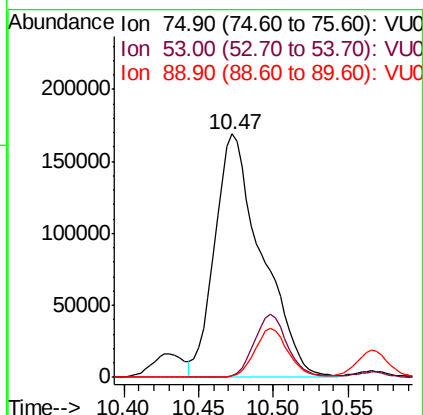
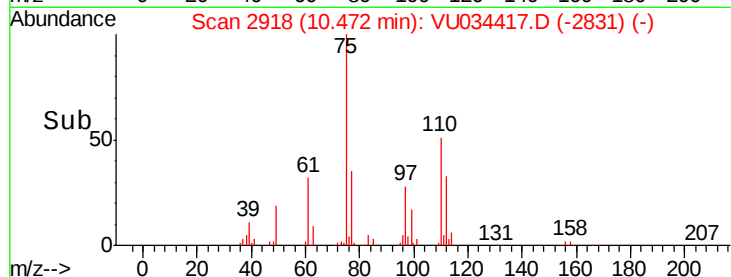
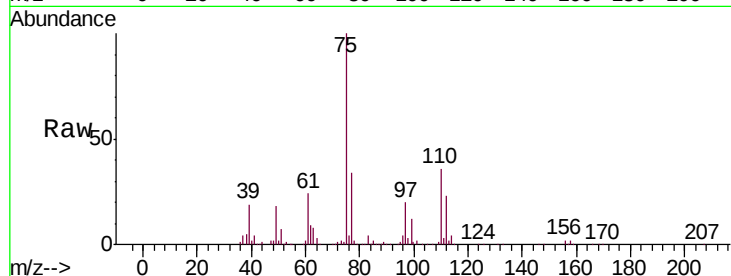
Tgt Ion: 75 Resp: 369496

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 53.016 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034417.D

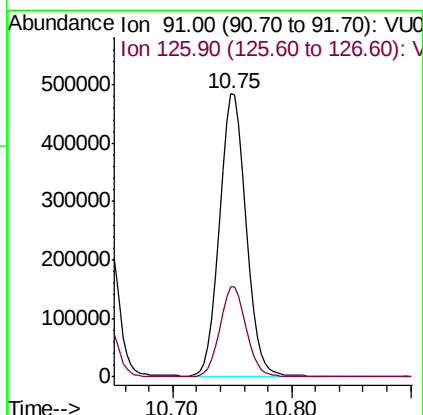
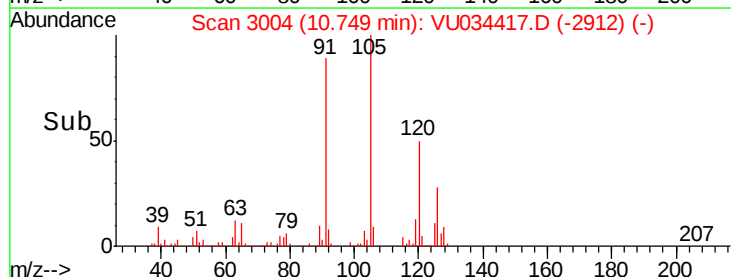
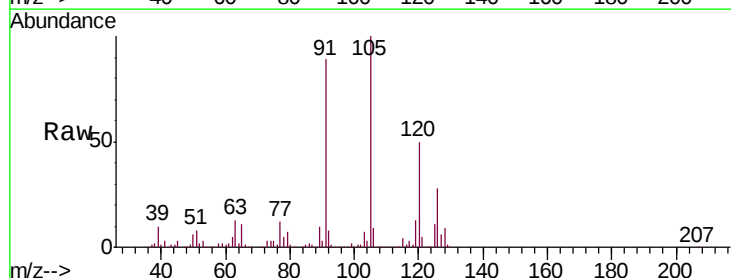
Acq: 09 Sep 2019 08:53

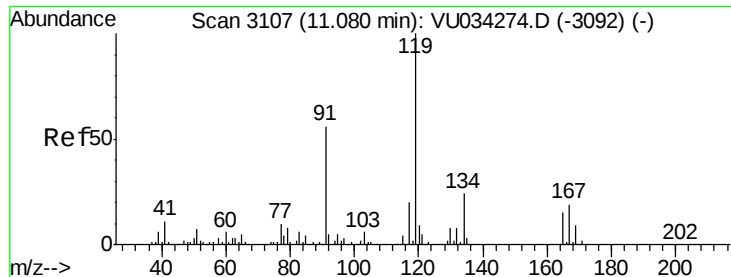
Tgt Ion: 91 Resp: 748600

Ion Ratio Lower Upper

91 100

126 31.5 15.3 45.8

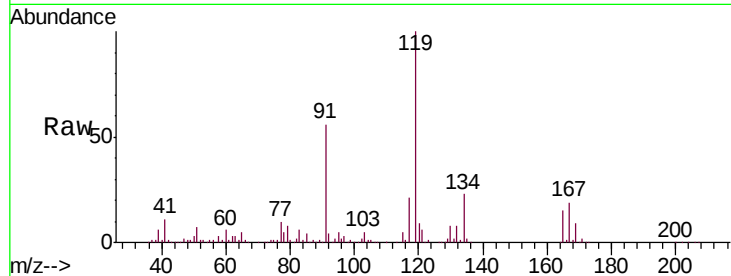




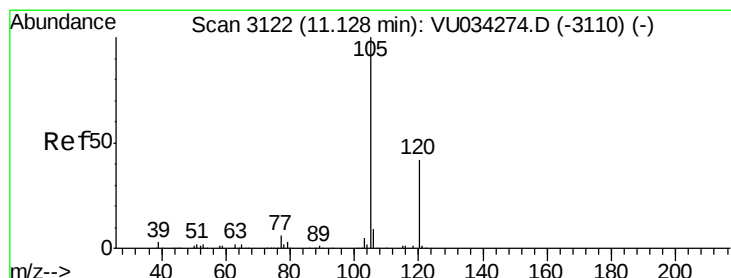
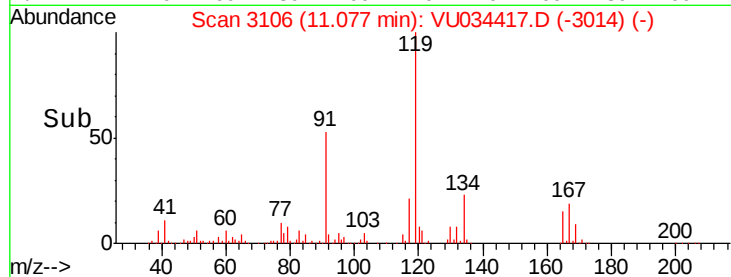
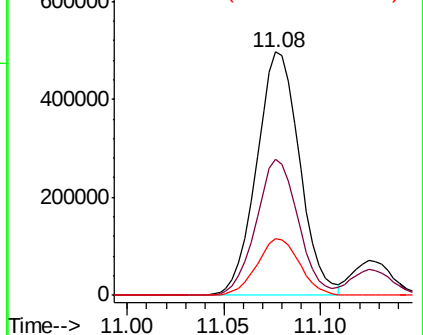
#83
 tert-Butylbenzene
 Concen: 52.871 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 770235
 Ion Ratio Lower Upper
 119 100
 91 54.6 27.8 83.4
 134 23.2 11.7 35.0

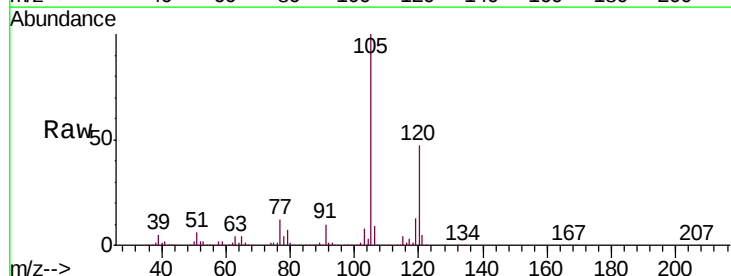


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

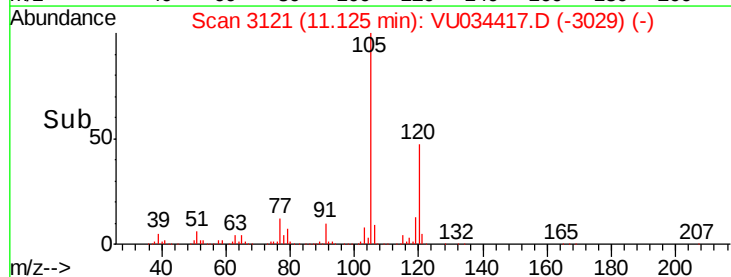
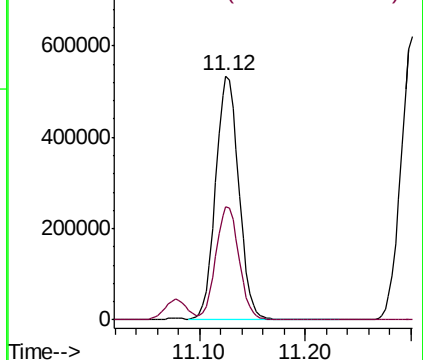


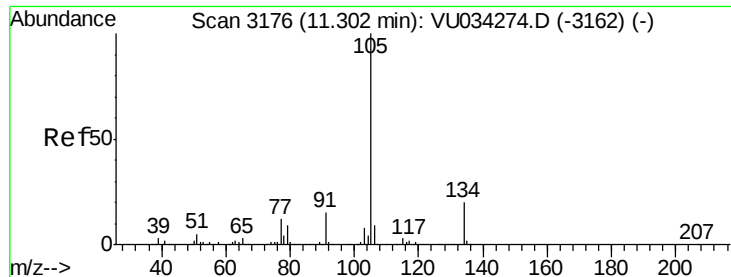
#84
 1,2,4-Trimethylbenzene
 Concen: 55.534 ug/l
 RT: 11.12 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion:105 Resp: 814073
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.318 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

Instrument :

MSVOA_U

ClientSampleId :

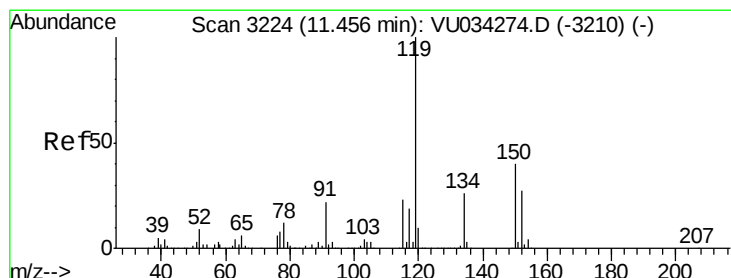
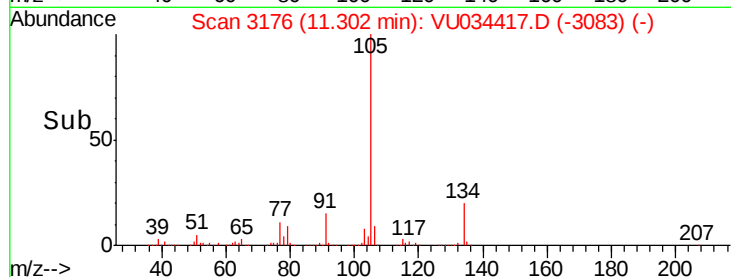
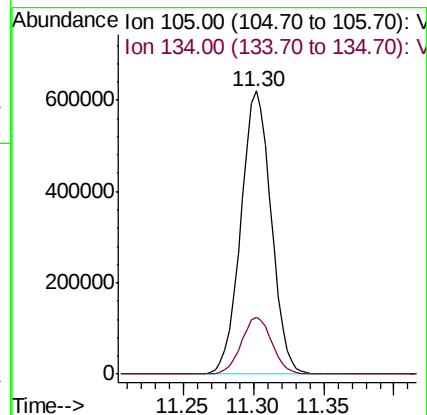
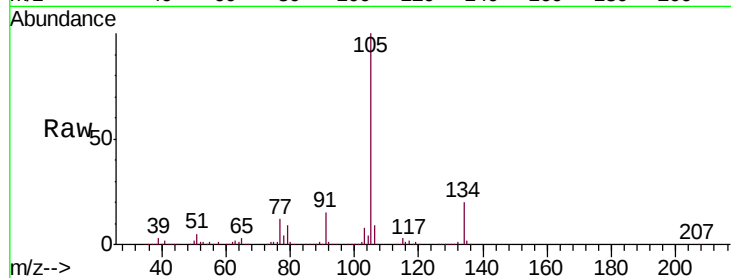
VSTDCCC050

Tgt Ion:105 Resp: 934196

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.3



#86

p-Isopropyltoluene

Concen: 55.195 ug/l

RT: 11.45 min Scan# 3223

Delta R.T. -0.00 min

Lab File: VU034417.D

Acq: 09 Sep 2019 08:53

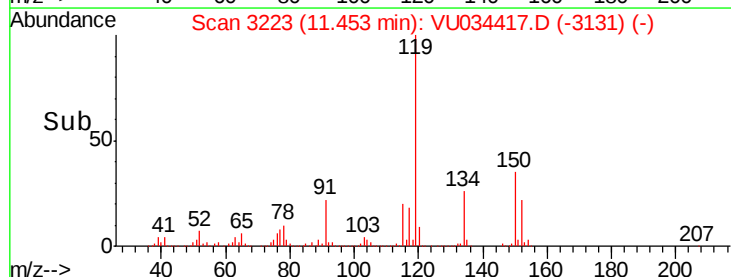
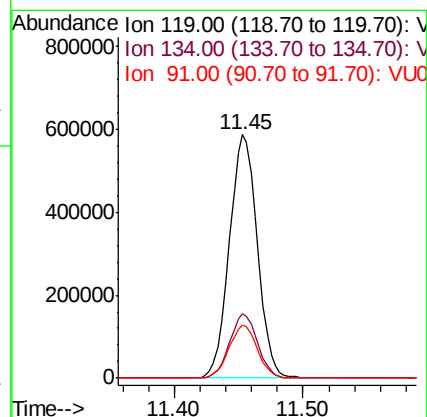
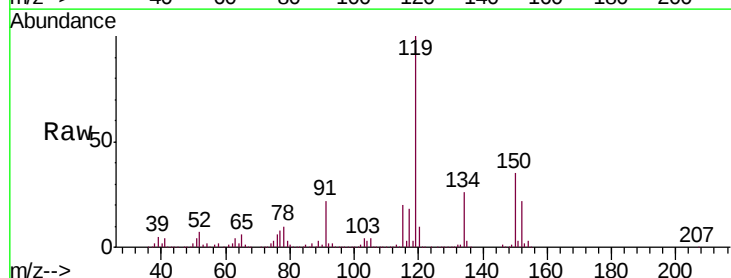
Tgt Ion:119 Resp: 876178

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 22.0 11.2 33.6

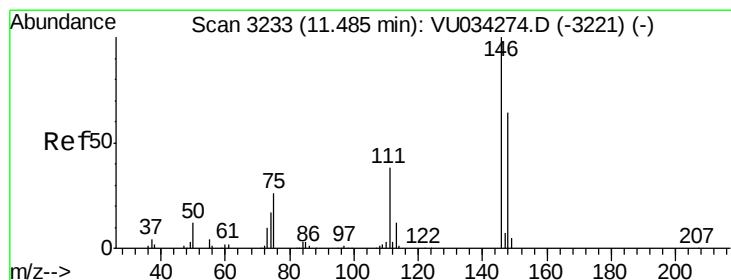
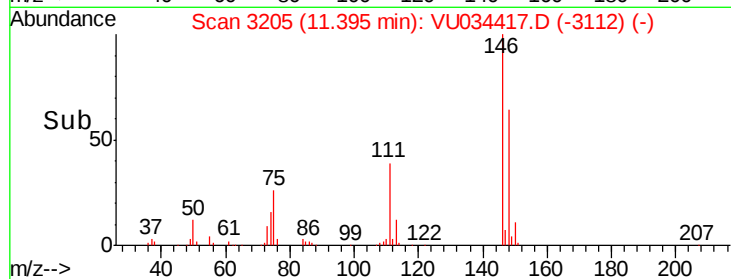
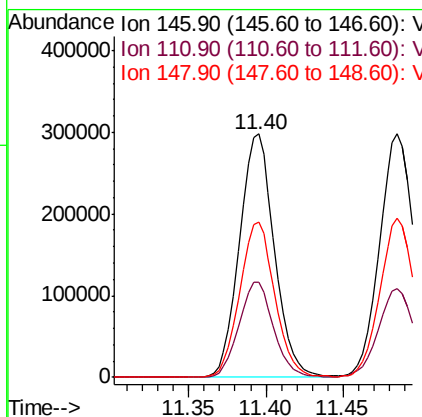
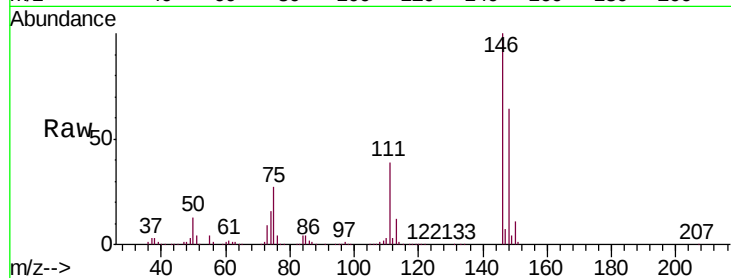




#87
 1,3-Dichlorobenzene
 Concen: 52.647 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

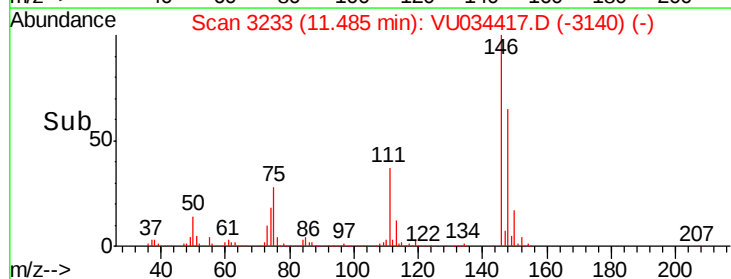
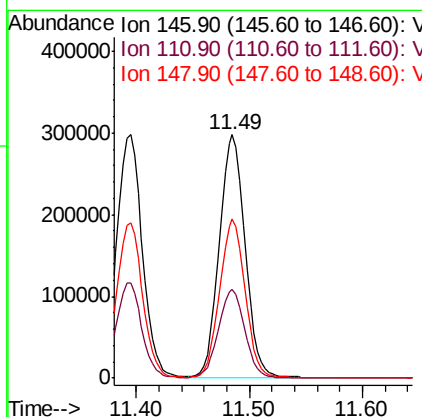
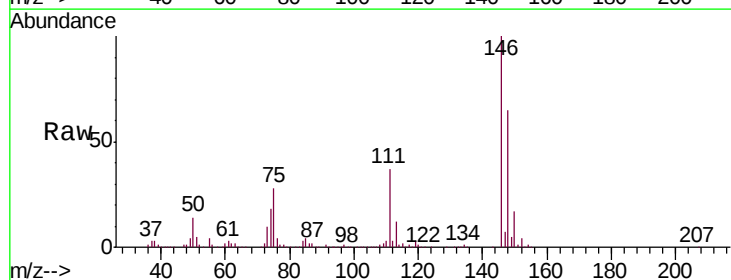
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

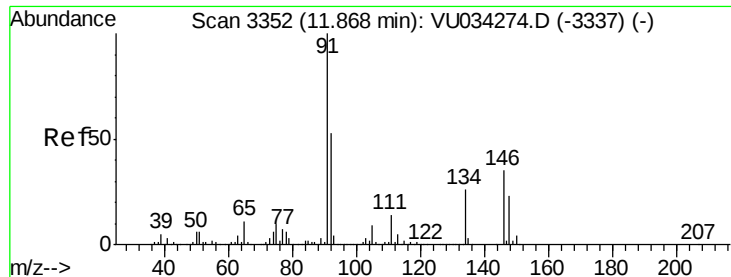
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	63.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 51.031 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.1	57.3
148	64.8	32.0	96.0

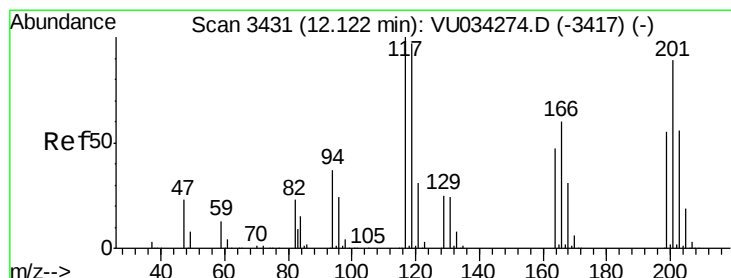
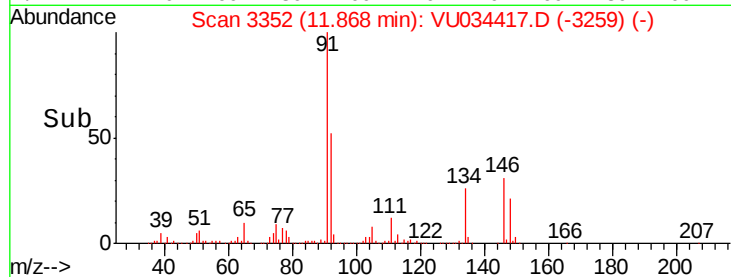
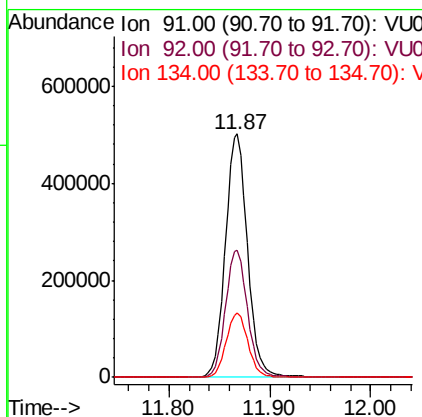
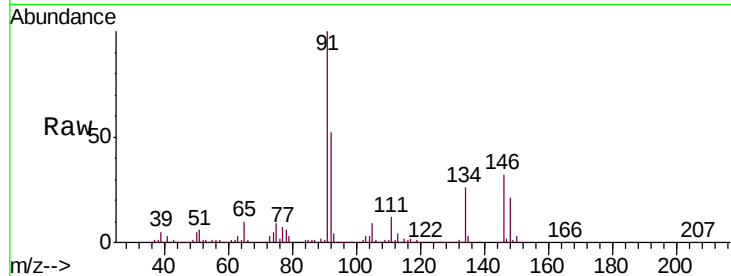




#89
n-Butylbenzene
Concen: 55.886 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

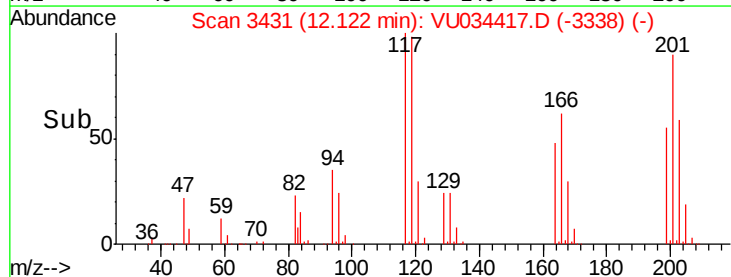
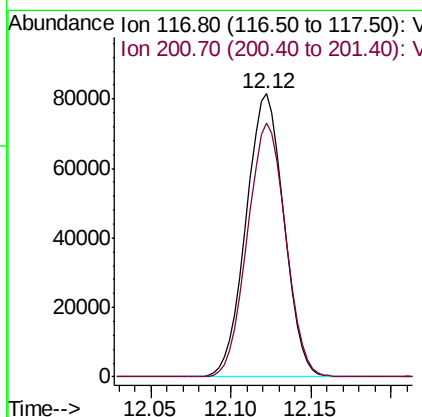
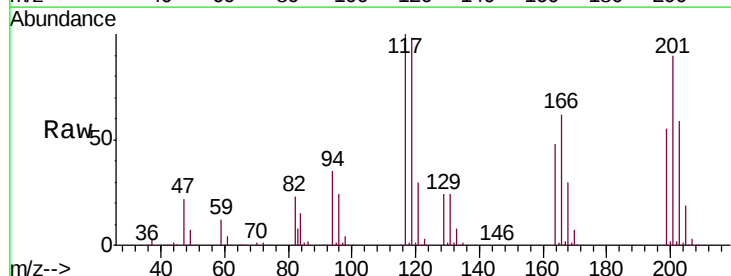
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

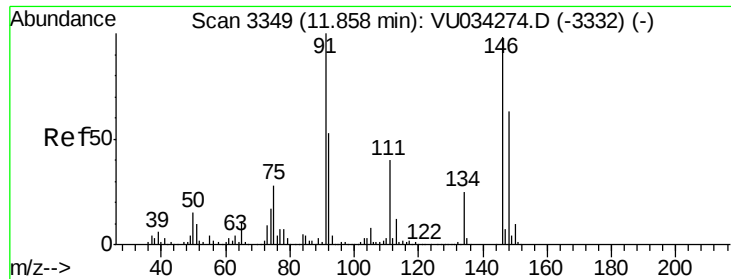
Tgt Ion: 91 Resp: 770944
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.4
134 26.4 13.2 39.6



#90
Hexachloroethane
Concen: 51.963 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion: 117 Resp: 131970
Ion Ratio Lower Upper
117 100
201 90.4 44.1 132.4

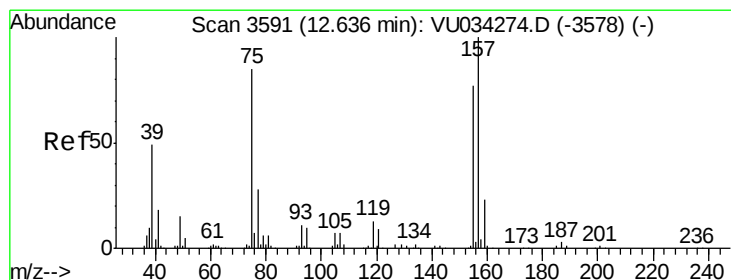
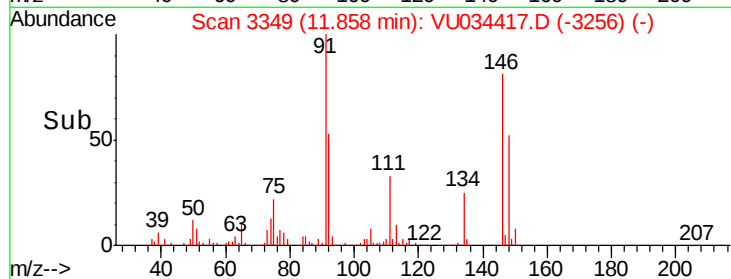
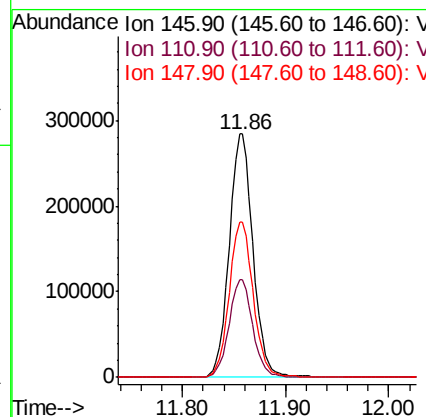
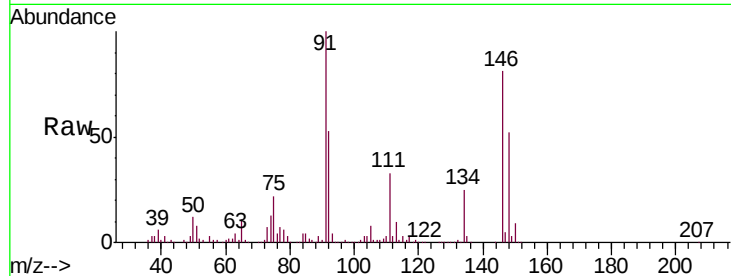




#91
 1,2-Dichlorobenzene
 Concen: 52.269 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

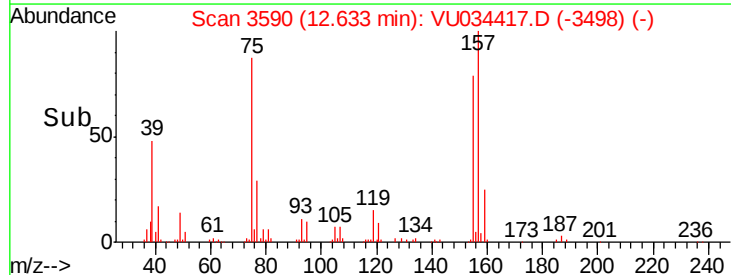
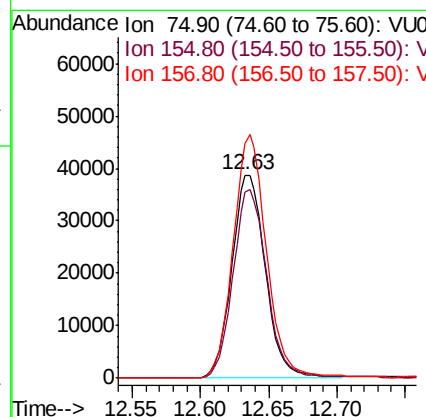
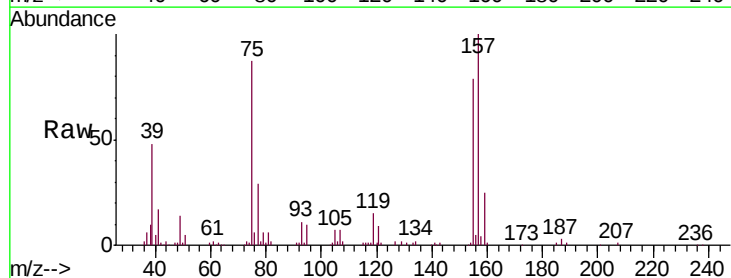
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

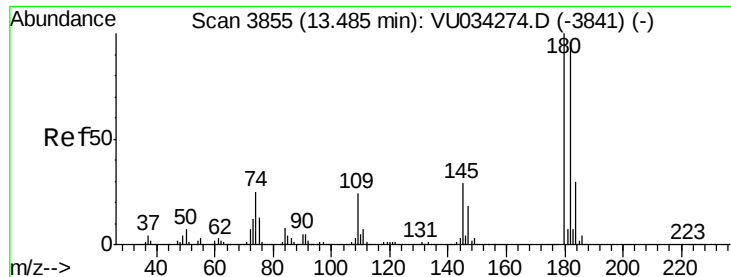
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.7	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.363 ug/l
 RT: 12.63 min Scan# 3590
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	44.6	134.0
157	118.9	58.2	174.6

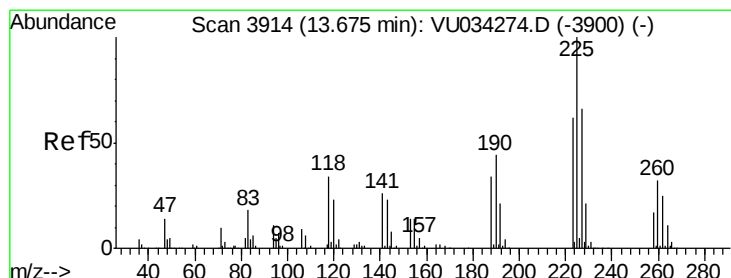
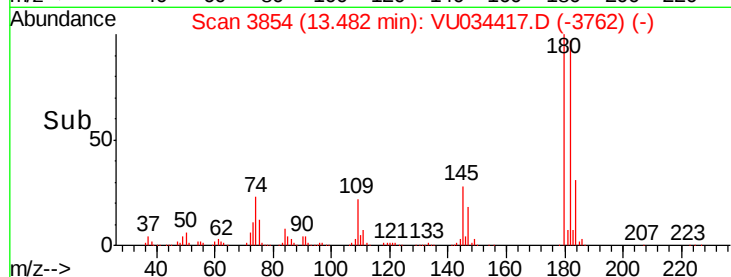
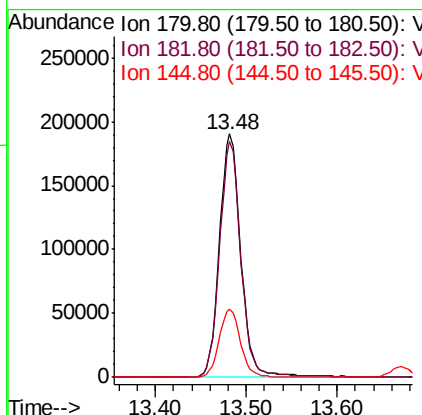
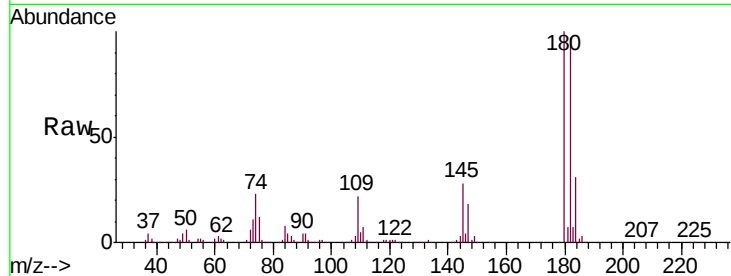




#93
 1,2,4-Trichlorobenzene
 Concen: 49.272 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

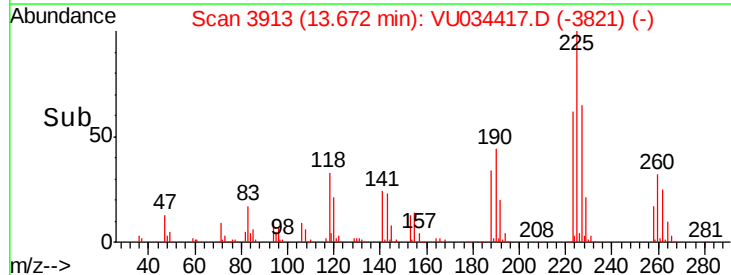
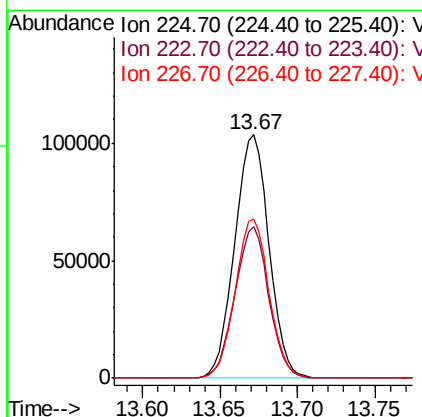
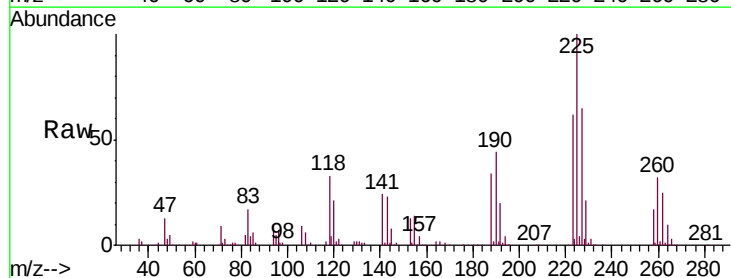
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

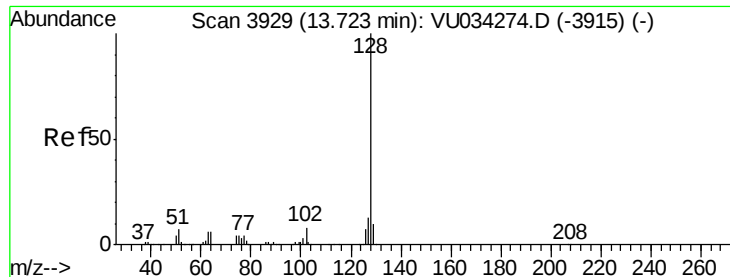
Tgt Ion:180 Resp: 311671
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.8
 145 27.8 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 52.239 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034417.D
 Acq: 09 Sep 2019 08:53

Tgt Ion:225 Resp: 159549
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.6 94.7
 227 64.4 32.3 96.8

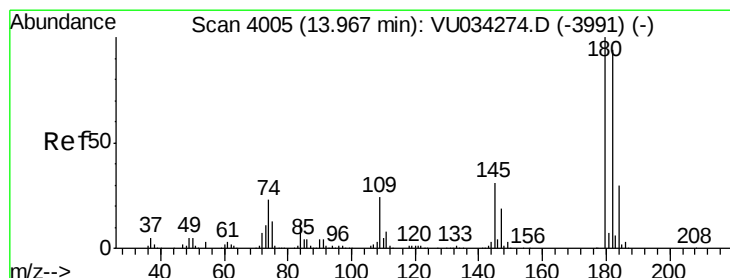
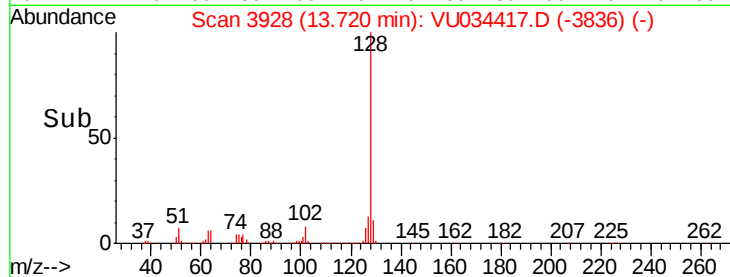
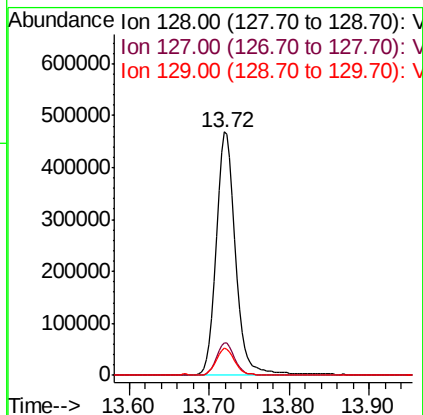
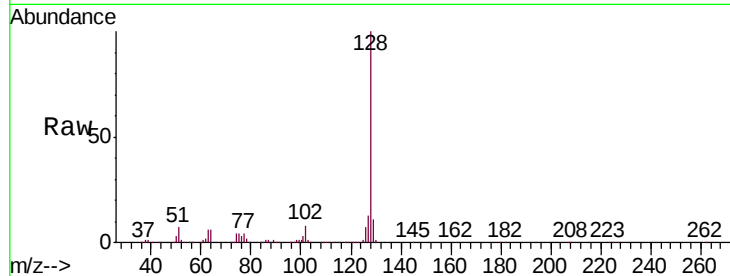




#95
Naphthalene
Concen: 44.872 ug/l
RT: 13.72 min Scan# 3928
Delta R.T. -0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 792295
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 50.125 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. 0.00 min
Lab File: VU034417.D
Acq: 09 Sep 2019 08:53

Tgt Ion:180 Resp: 306627
Ion Ratio Lower Upper
180 100
182 95.7 48.4 145.0
145 30.2 15.4 46.4

