

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
 Data File : VU034274.D
 Acq On : 05 Sep 2019 10:23
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 06 04:20:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 04:16:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	321473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	463253	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	465011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	308387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	241693	57.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.60%	
35) Dibromofluoromethane	4.86	113	212578	62.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.14%	
50) Toluene-d8	7.55	98	845127	66.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.10%	
62) 4-Bromofluorobenzene	10.29	95	309031	62.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	155415	49.599	ug/l	100
3) Chloromethane	1.32	50	179277	38.789	ug/l	100
4) Vinyl Chloride	1.40	62	189656	45.649	ug/l	100
5) Bromomethane	1.61	94	106793	48.196	ug/l	100
6) Chloroethane	1.69	64	123182	47.722	ug/l	100
7) Trichlorofluoromethane	1.88	101	258430	52.252	ug/l	100
8) Diethyl Ether	2.09	74	114791	53.783	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.27	101	168830	53.512	ug/l	100
10) Methyl Iodide	2.40	142	162956	39.498	ug/l	100
11) Tert butyl alcohol	2.81	59	247845	262.195	ug/l	100
12) 1,1-Dichloroethene	2.27	96	161996	50.960	ug/l	100
13) Acrolein	2.18	56	206758	428.698	ug/l	100
14) Allyl chloride	2.58	41	273396	45.560	ug/l	90
15) Acrylonitrile	2.92	53	643507	291.886	ug/l	100
16) Acetone	2.31	43	577475	273.596	ug/l	100
17) Carbon Disulfide	2.46	76	354625	37.022	ug/l	100
18) Methyl Acetate	2.60	43	280117	51.365	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	620742	58.279	ug/l	100
20) Methylene Chloride	2.69	84	205215	51.666	ug/l	100
21) trans-1,2-Dichloroethene	2.97	96	171098	49.877	ug/l	100
22) Diisopropyl ether	3.55	45	644696	57.673	ug/l	100
23) Vinyl Acetate	3.50	43	2699863	283.742	ug/l	100
24) 1,1-Dichloroethane	3.43	63	362893	55.259	ug/l	100
25) 2-Butanone	4.24	43	851939	290.389	ug/l	100
26) 2,2-Dichloropropane	4.20	77	292998	54.905	ug/l	100
27) cis-1,2-Dichloroethene	4.20	96	211324	53.934	ug/l	100
28) Bromochloromethane	4.52	49	183760	56.455	ug/l	100
29) Tetrahydrofuran	4.61	42	523433	289.230	ug/l	100
30) Chloroform	4.65	83	363133	54.994	ug/l	100
31) Cyclohexane	4.97	56	266075	44.981	ug/l	100
32) 1,1,1-Trichloroethane	4.89	97	294573	54.851	ug/l	100
36) 1,1-Dichloropropene	5.12	75	236682	53.943	ug/l	100
37) Ethyl Acetate	4.36	43	294592	59.124	ug/l	100
38) Carbon Tetrachloride	5.11	117	252363	58.537	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
 Data File : VU034274.D
 Acq On : 05 Sep 2019 10:23
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 06 04:20:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 04:16:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	260457	51.254	ug/l	100
40) Benzene	5.37	78	773293	57.473	ug/l	100
41) Methacrylonitrile	4.52	41	164421	63.687	ug/l	100
42) 1,2-Dichloroethane	5.38	62	266433	57.400	ug/l	100
43) Isopropyl Acetate	5.53	43	458740	60.200	ug/l	100
44) Trichloroethene	6.17	130	210760	59.033	ug/l	100
45) 1,2-Dichloropropane	6.41	63	227161	60.747	ug/l	100
46) Dibromomethane	6.54	93	143230	59.535	ug/l	100
47) Bromodichloromethane	6.74	83	291022	61.346	ug/l	100
48) Methyl methacrylate	6.60	41	219878	60.238	ug/l	100
49) 1,4-Dioxane	6.59	88	95872	1069.846	ug/l	100
51) 4-Methyl-2-Pentanone	7.44	43	1609448	304.839	ug/l	100
52) Toluene	7.62	92	499399	59.937	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	310390	59.669	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	345279	60.540	ug/l	100
55) 1,1,2-Trichloroethane	8.05	97	221639	62.028	ug/l	100
56) Ethyl methacrylate	8.00	69	323651	61.384	ug/l	100
57) 1,3-Dichloropropane	8.22	76	360787	59.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	588438	309.086	ug/l	100
59) 2-Hexanone	8.34	43	1232632	309.611	ug/l	100
60) Dibromochloromethane	8.46	129	241313	62.674	ug/l	100
61) 1,2-Dibromoethane	8.57	107	220228	59.133	ug/l	100
64) Tetrachloroethene	8.21	164	188511	59.128	ug/l	100
65) Chlorobenzene	9.10	112	566779	58.170	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	211306	59.356	ug/l	100
67) Ethyl Benzene	9.23	91	954941	58.243	ug/l	100
68) m/p-Xylenes	9.36	106	746437	119.290	ug/l	100
69) o-Xylene	9.76	106	361881	60.211	ug/l	100
70) Styrene	9.77	104	648398	62.583	ug/l	100
71) Bromoform	9.94	173	187340	60.372	ug/l #	100
73) Isopropylbenzene	10.15	105	990023	49.024	ug/l	100
74) N-amyl acetate	9.99	43	418149	49.606	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.44	83	377741	48.315	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	410484	61.011	ug/l	84
77) Bromobenzene	10.43	156	267206	48.766	ug/l	100
78) n-propylbenzene	10.57	91	1157695	49.191	ug/l	100
79) 2-Chlorotoluene	10.64	91	687540	48.635	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	860368	50.244	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.48	75	411879	202.834	ug/l #	100
82) 4-Chlorotoluene	10.75	91	804407	49.350	ug/l	100
83) tert-Butylbenzene	11.08	119	825965	48.979	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	867775	51.028	ug/l	100
85) sec-Butylbenzene	11.30	105	1003927	49.656	ug/l	100
86) p-Isopropyltoluene	11.46	119	930826	50.863	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	487461	50.069	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	494875	50.097	ug/l	100
89) n-Butylbenzene	11.87	91	833457	51.730	ug/l	100
90) Hexachloroethane	12.12	117	139227	44.490	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	485392	51.871	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	77340	49.952	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
Data File : VU034274.D
Acq On : 05 Sep 2019 10:23
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Quant Time: Sep 06 04:20:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 04:16:04 2019
Response via : Initial Calibration

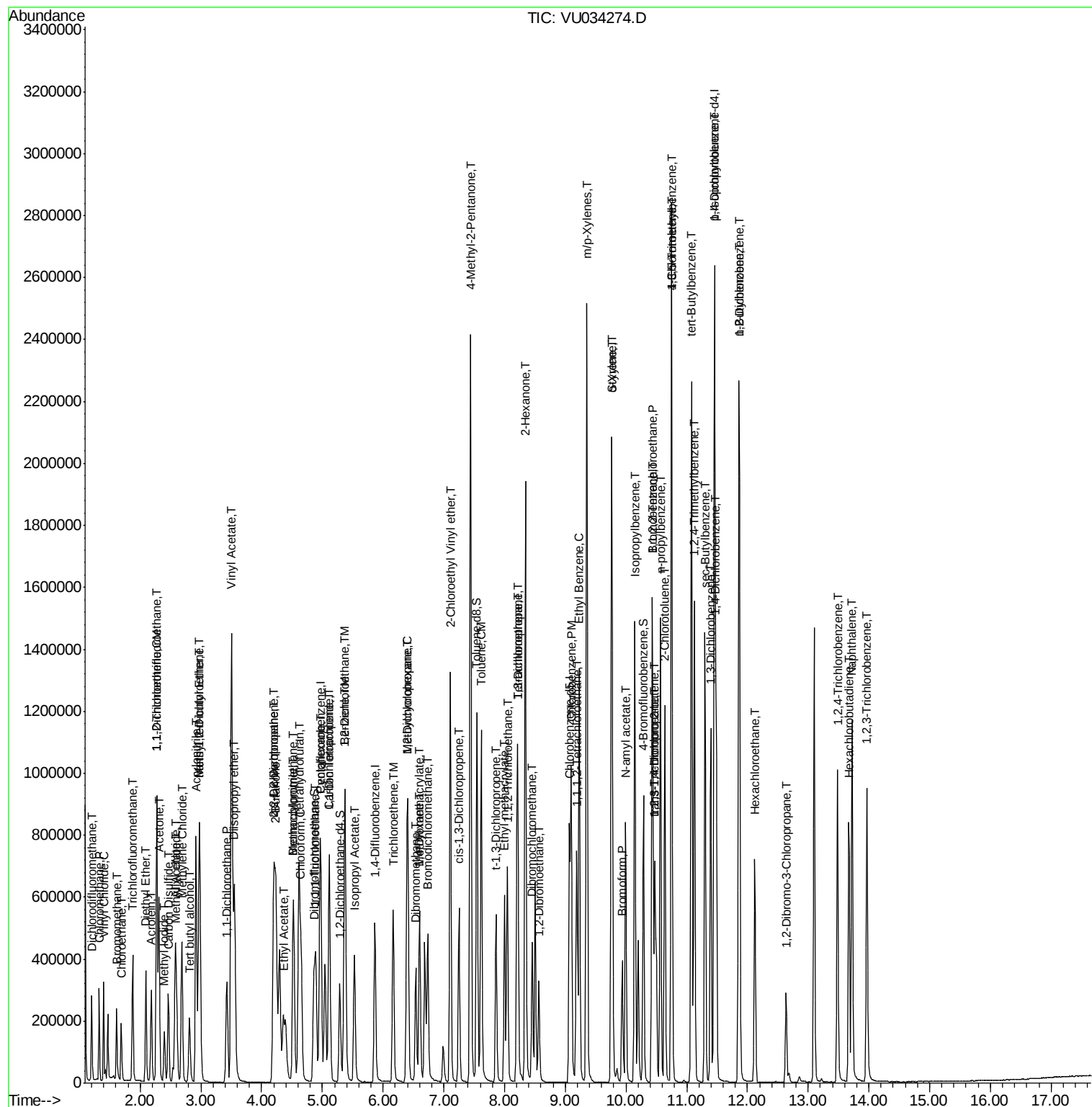
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	338561	59.196	ug/l	100
94) Hexachlorobutadiene	13.67	225	167681	46.652	ug/l	100
95) Naphthalene	13.72	128	960641	60.882	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	334743	55.753	ug/l	100

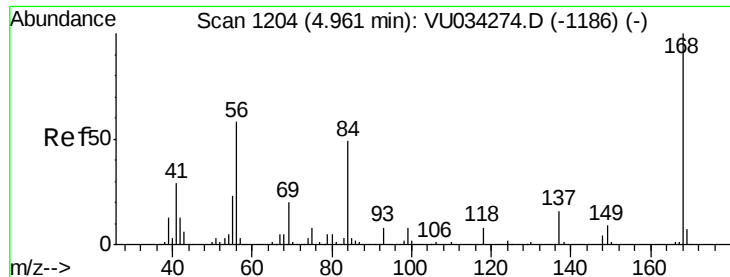
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
Data File : VU034274.D
Acq On : 05 Sep 2019 10:23
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleID :
VSTDICCC050

Quant Time: Sep 06 04:20:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 04:16:04 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: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

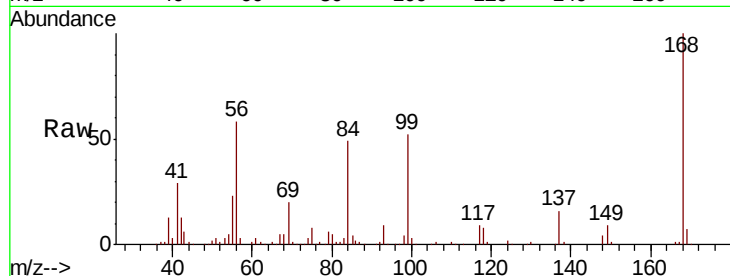
VSTDICCC050

Tgt Ion:168 Resp: 321473

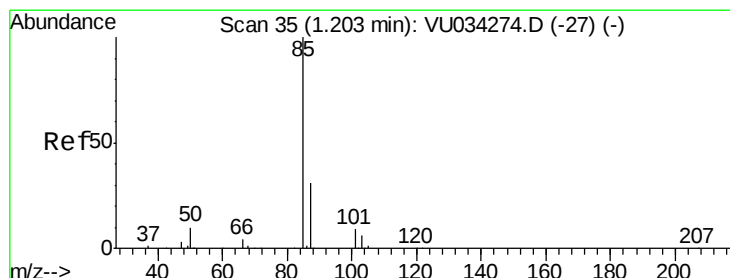
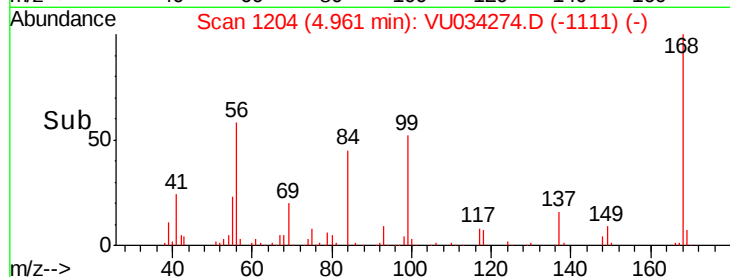
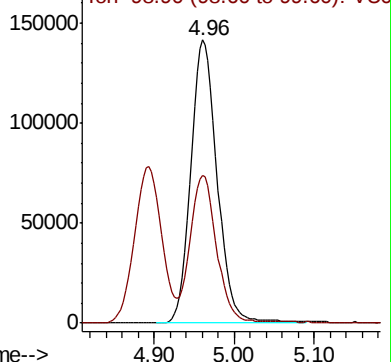
Ion Ratio Lower Upper

168 100

99 52.0 41.6 62.4



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



#2

Dichlorodifluoromethane

Concen: 49.599 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034274.D

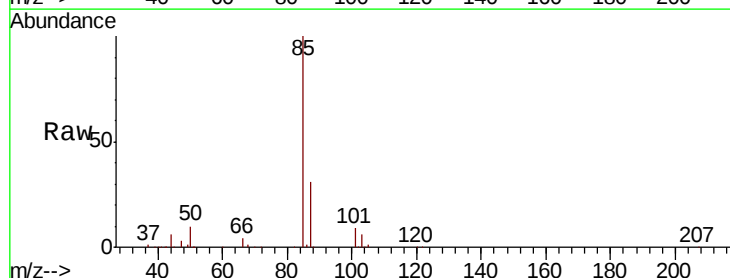
Acq: 05 Sep 2019 10:23

Tgt Ion: 85 Resp: 155415

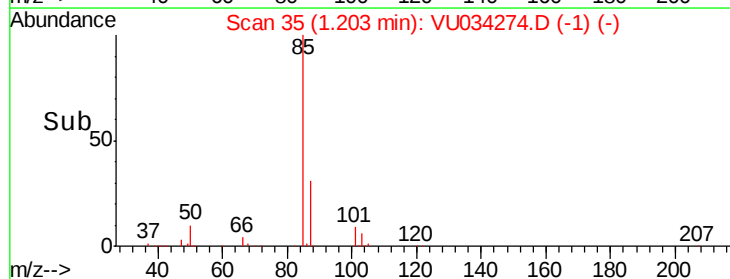
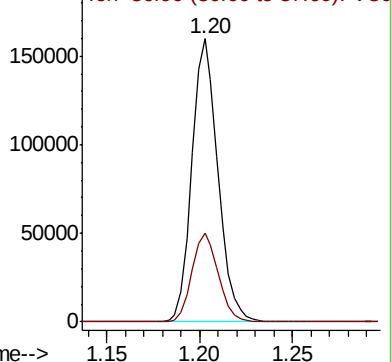
Ion Ratio Lower Upper

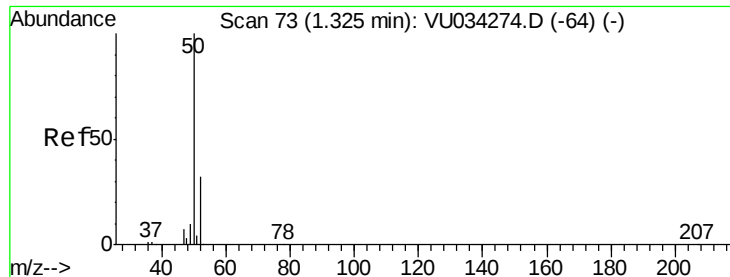
85 100

87 31.3 15.7 47.0



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





#3

Chloromethane

Concen: 38.789 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

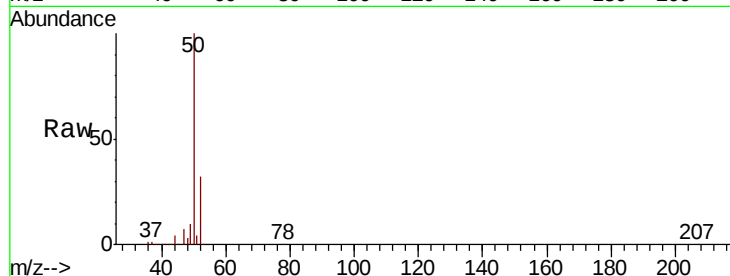
VSTDICCC050

Tgt Ion: 50 Resp: 179277

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VU034274.D (-64) (-)

Ion 51.90 (51.60 to 52.60): VU034274.D (-64) (-)

1.32

200000

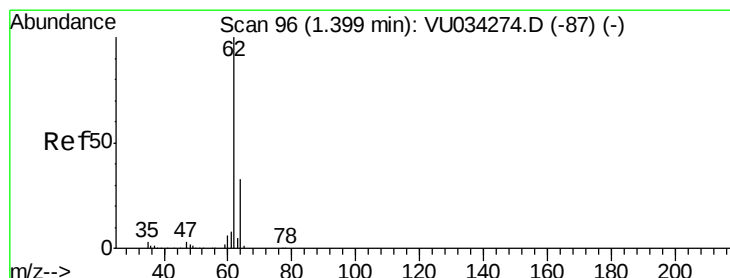
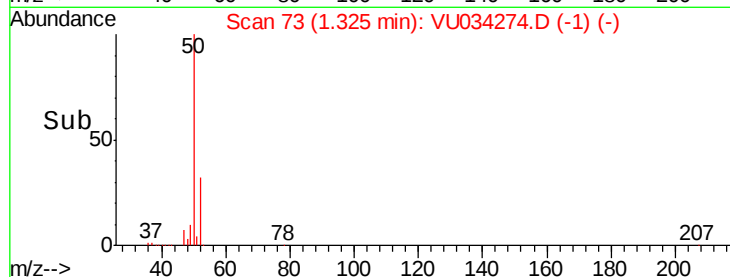
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 45.649 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034274.D

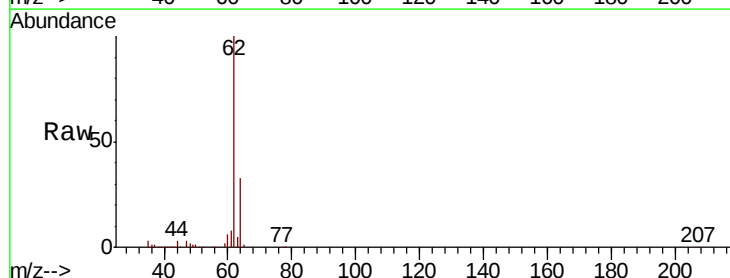
Acq: 05 Sep 2019 10:23

Tgt Ion: 62 Resp: 189656

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VU034274.D (-87) (-)

Ion 63.90 (63.60 to 64.60): VU034274.D (-87) (-)

1.40

200000

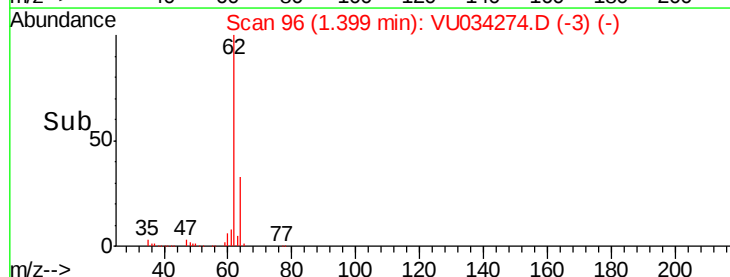
150000

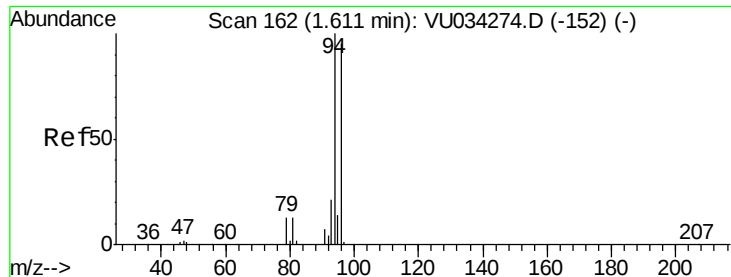
100000

50000

0

Time-->





#5

Bromomethane

Concen: 48.196 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

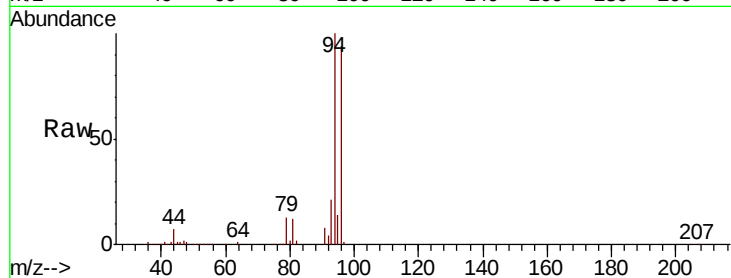
VSTDICCC050

Tgt Ion: 94 Resp: 106793

Ion Ratio Lower Upper

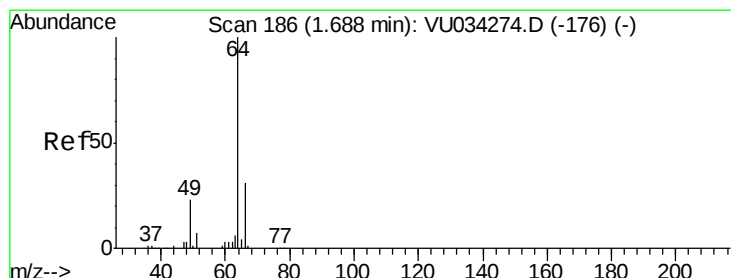
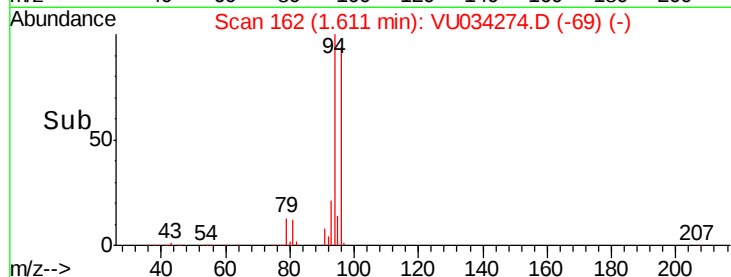
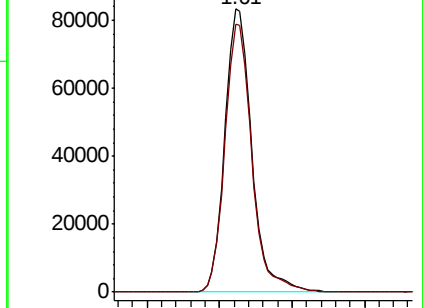
94 100

96 94.6 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034274.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034274.D (-152) (-)



#6

Chloroethane

Concen: 47.722 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU034274.D

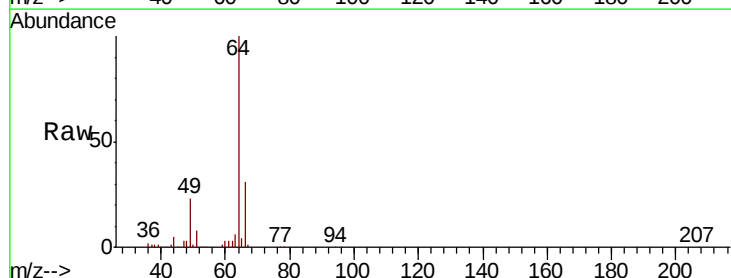
Acq: 05 Sep 2019 10:23

Tgt Ion: 64 Resp: 123182

Ion Ratio Lower Upper

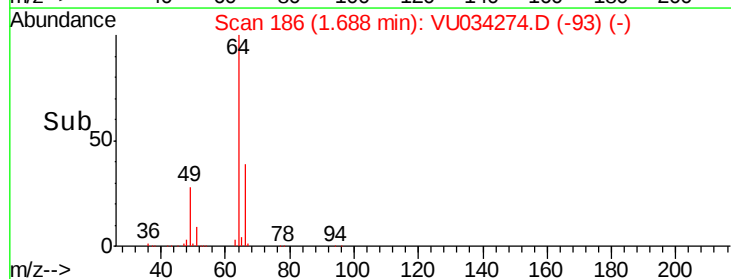
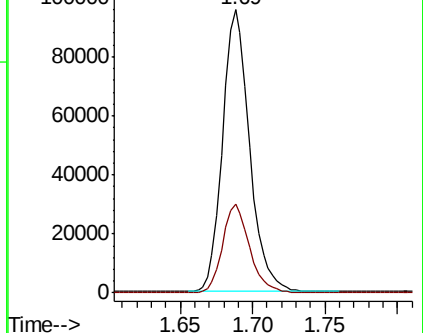
64 100

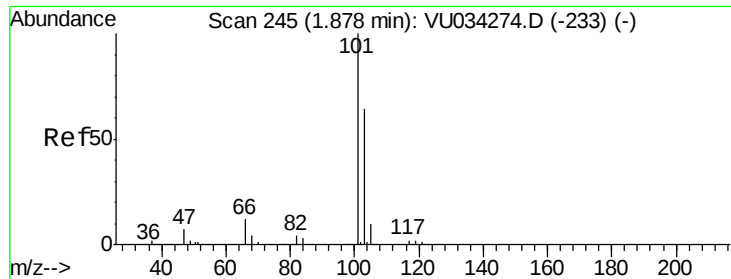
66 31.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU034274.D (-176) (-)

Ion 65.90 (65.60 to 66.60): VU034274.D (-176) (-)



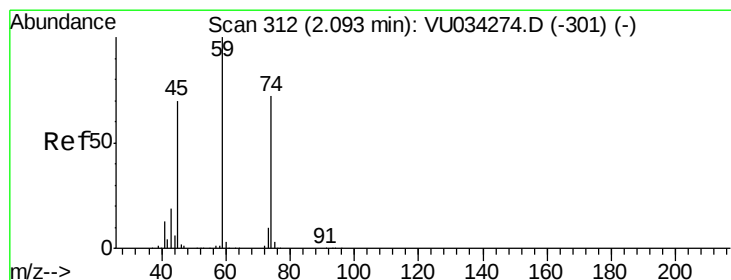
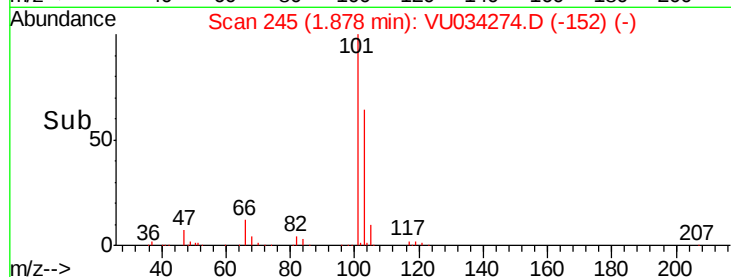
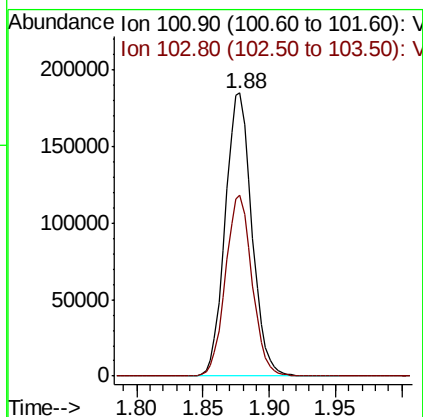
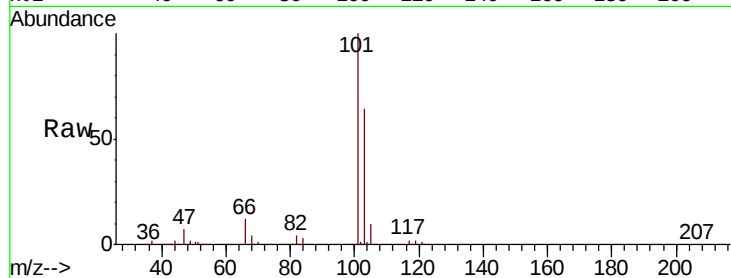


#7

Trichlorofluoromethane
 Concen: 52.252 ug/l
 RT: 1.88 min Scan# 245
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

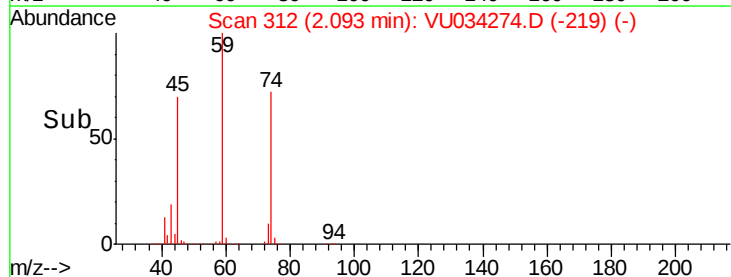
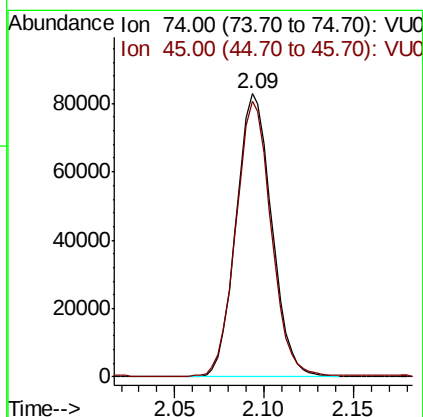
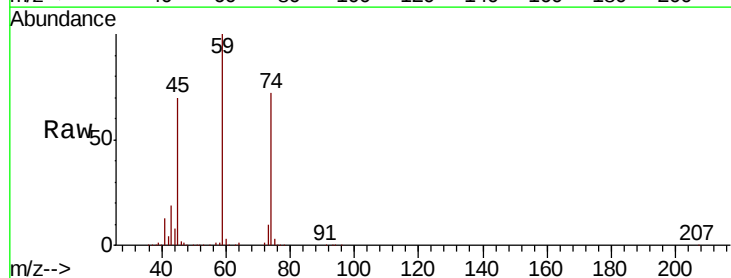
Tgt Ion:101 Resp: 258430
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.0 76.6



#8

Diethyl Ether
 Concen: 53.783 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion: 74 Resp: 114791
 Ion Ratio Lower Upper
 74 100
 45 96.4 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.512 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

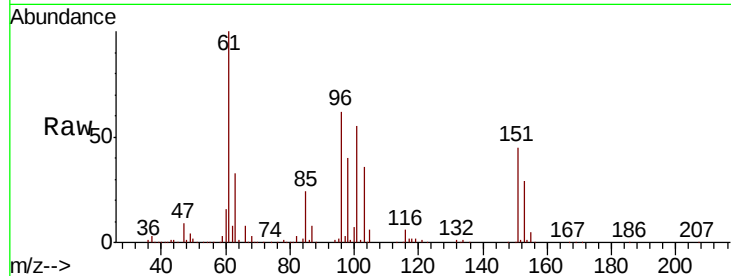
Tgt Ion:101 Resp: 168830

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

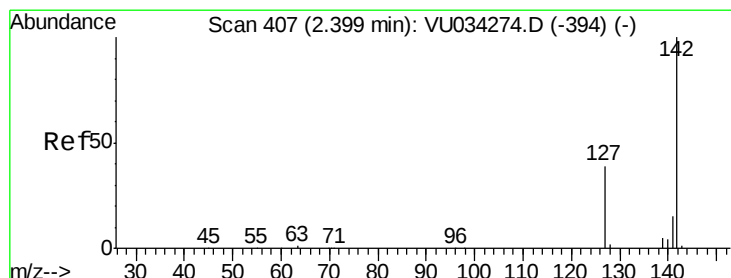
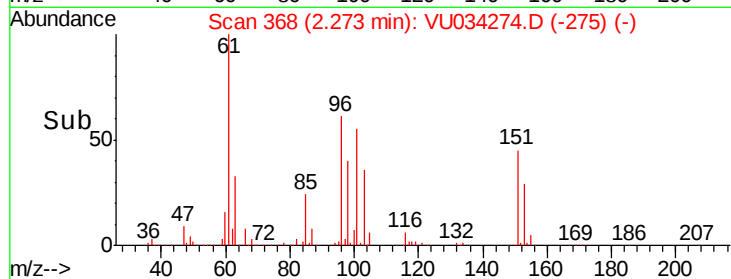
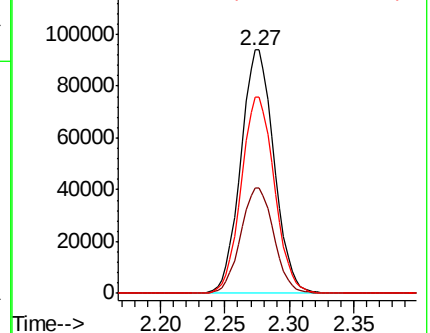
151 80.5 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.498 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

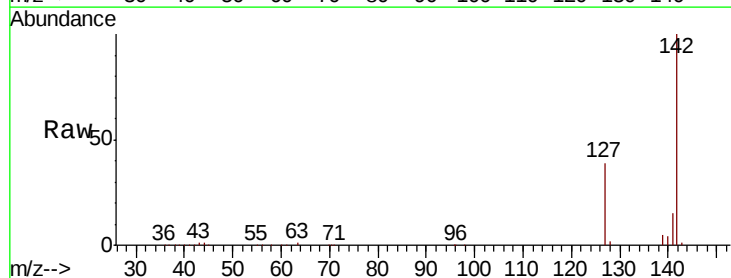
Tgt Ion:142 Resp: 162956

Ion Ratio Lower Upper

142 100

127 40.1 32.1 48.1

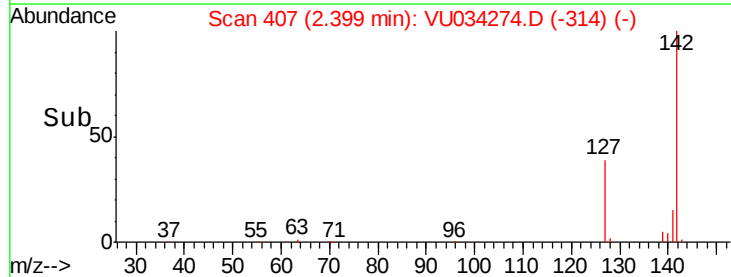
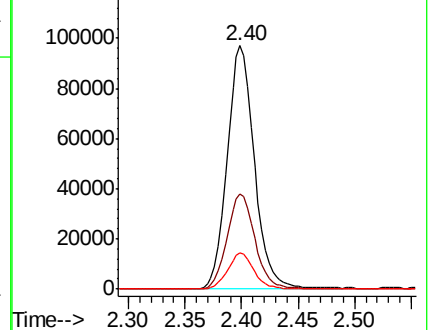
141 14.4 11.5 17.3

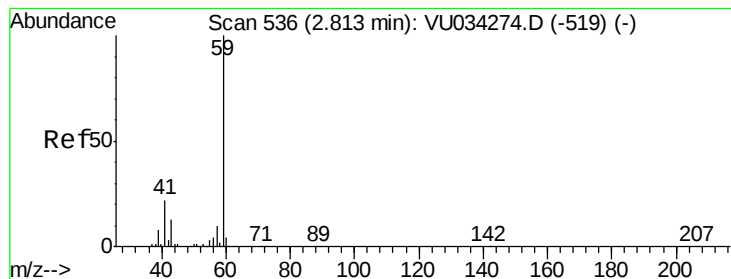


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



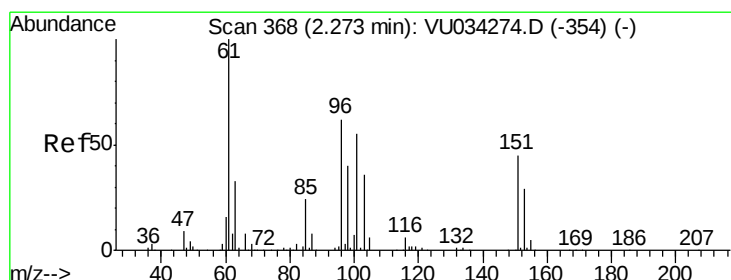
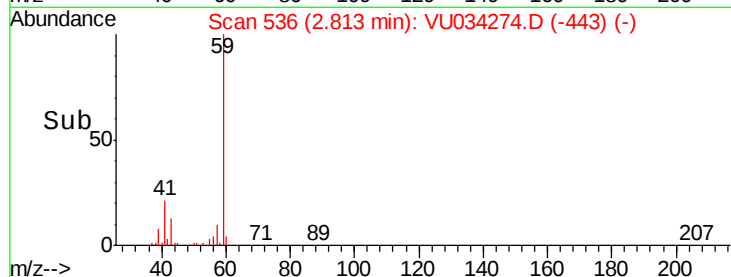
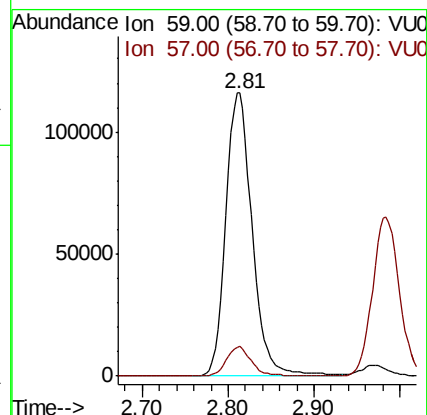
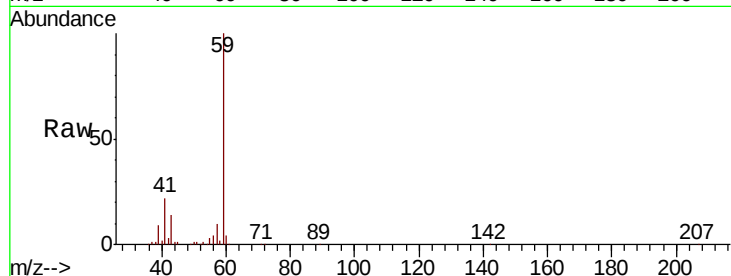


#11

Tert butyl alcohol
 Concen: 262.195 ug/l
 RT: 2.81 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

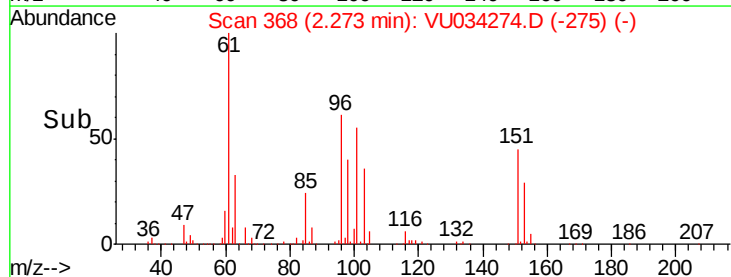
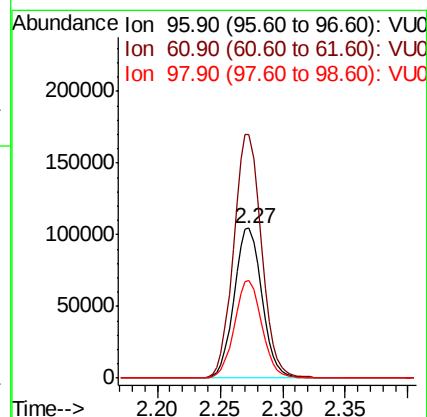
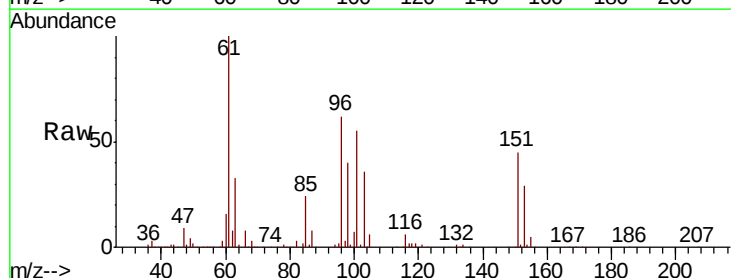
Tgt Ion: 59 Resp: 247845
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.9 11.9

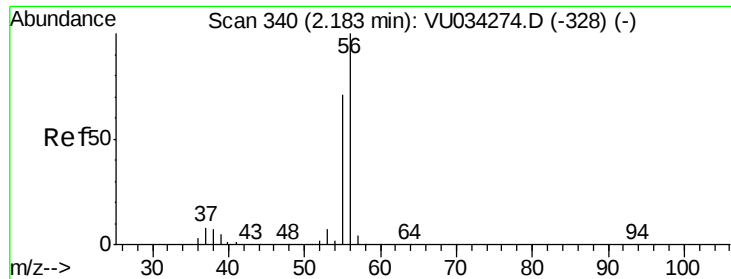


#12

1,1-Dichloroethene
 Concen: 50.960 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion: 96 Resp: 161996
 Ion Ratio Lower Upper
 96 100
 61 162.5 130.0 195.0
 98 65.3 52.2 78.4

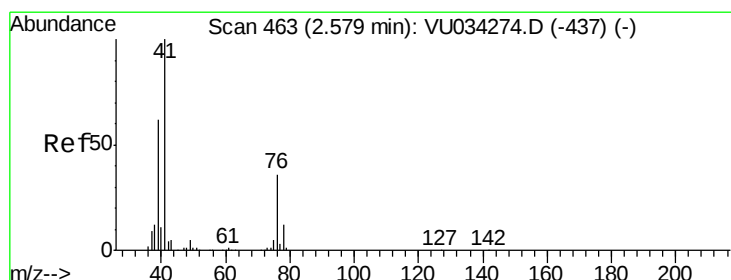
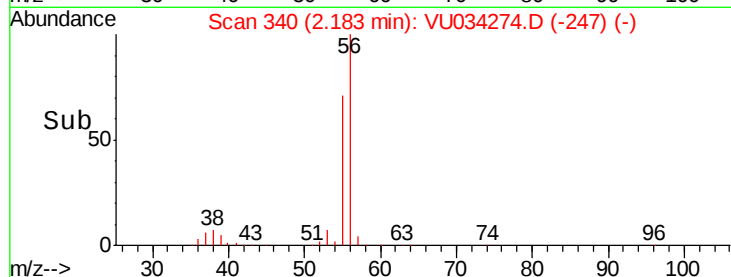
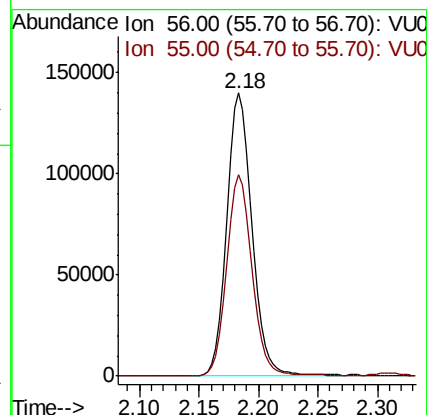
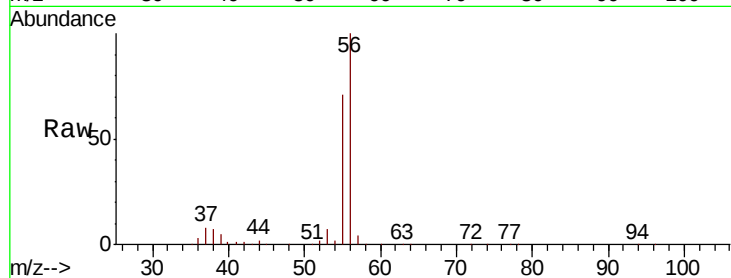




#13
 Acrolein
 Concen: 428.698 ug/l
 RT: 2.18 min Scan# 340
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

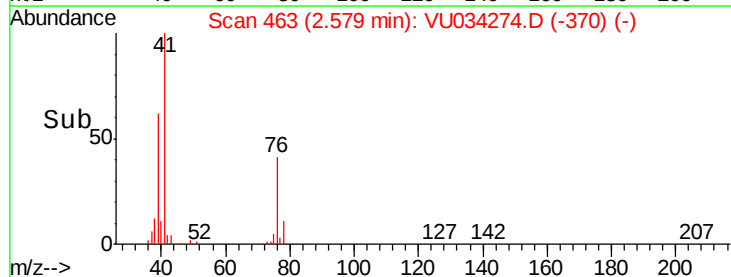
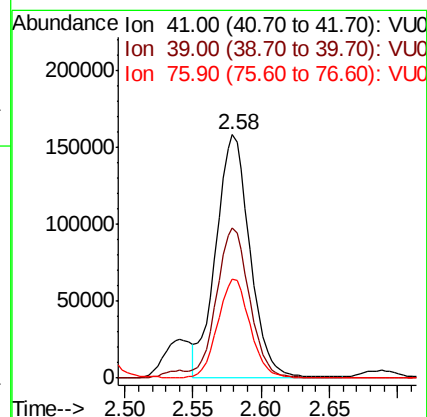
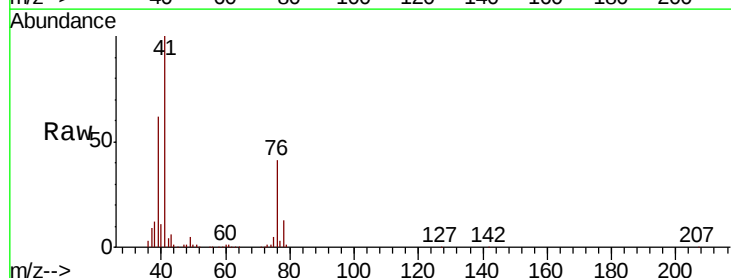
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

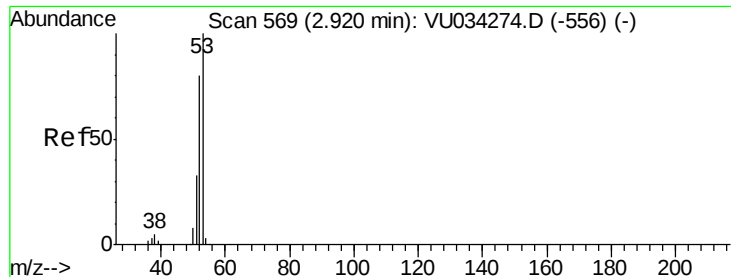
Tgt Ion: 56 Resp: 206758
 Ion Ratio Lower Upper
 56 100
 55 71.8 57.4 86.2



#14
 Allyl chloride
 Concen: 45.560 ug/l
 RT: 2.58 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion: 41 Resp: 273396
 Ion Ratio Lower Upper
 41 100
 39 62.0 43.5 65.3
 76 38.5 27.0 40.6





#15

Acrylonitrile

Concen: 291.886 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

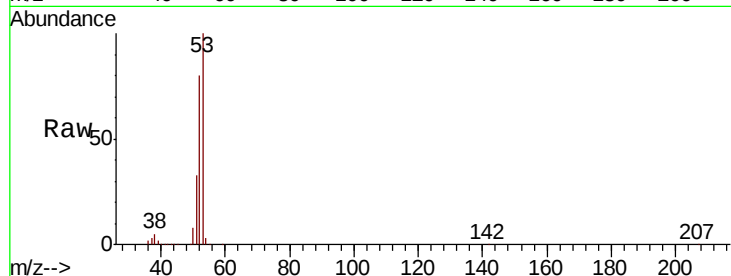
Tgt Ion: 53 Resp: 643507

Ion Ratio Lower Upper

53 100

52 80.1 64.1 96.1

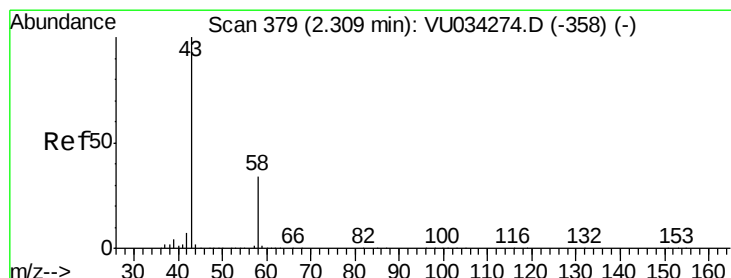
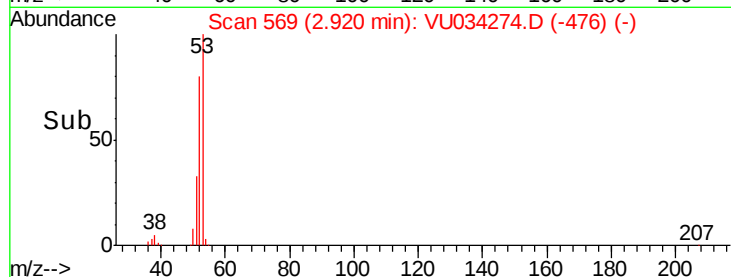
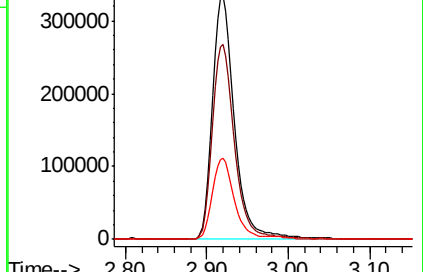
51 34.2 27.4 41.0



Abundance Ion 53.00 (52.70 to 53.70): VU034274.D (-556) (-)

Ion 52.00 (51.70 to 52.70): VU034274.D (-556) (-)

Ion 51.00 (50.70 to 51.70): VU034274.D (-556) (-)



#16

Acetone

Concen: 273.596 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034274.D

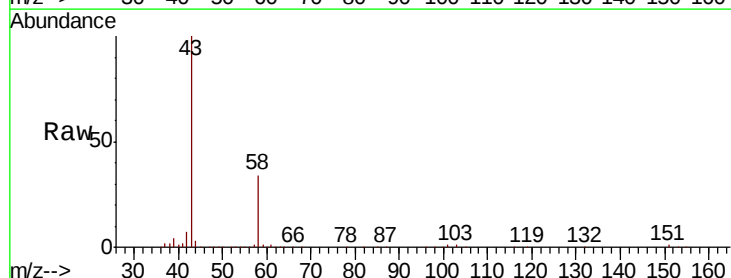
Acq: 05 Sep 2019 10:23

Tgt Ion: 43 Resp: 577475

Ion Ratio Lower Upper

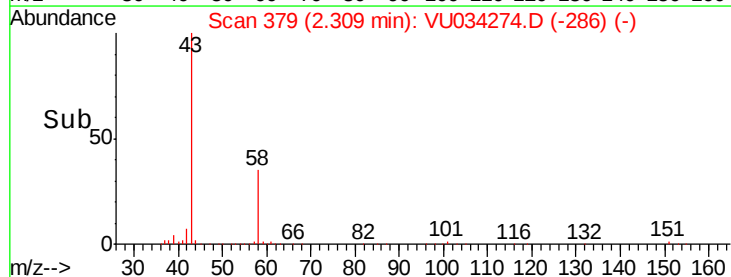
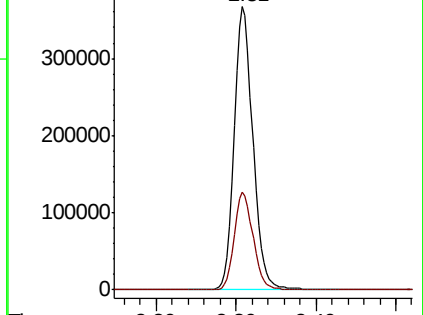
43 100

58 34.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

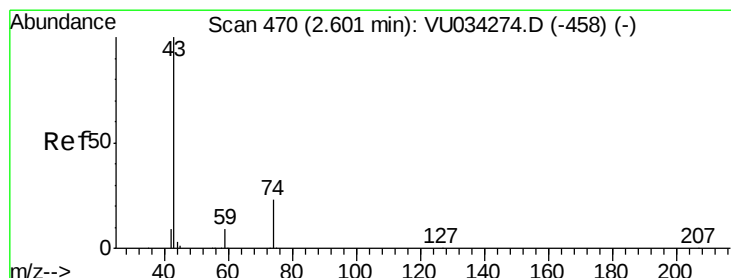
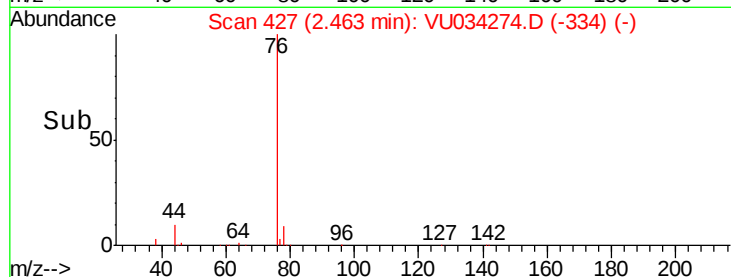
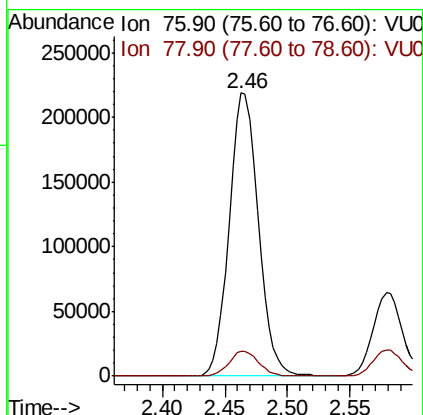
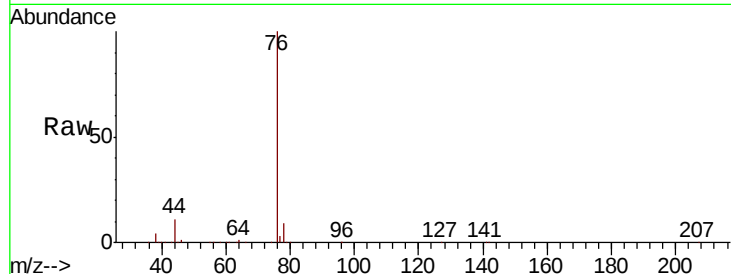




#17
Carbon Disulfide
Concen: 37.022 ug/l
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

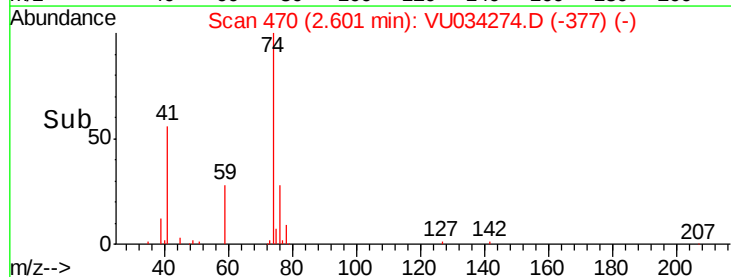
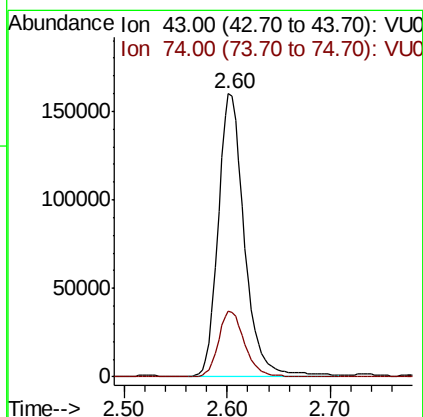
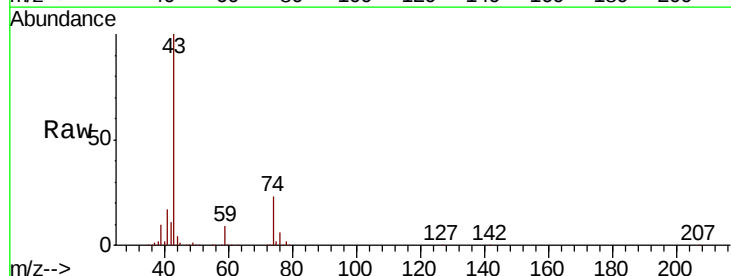
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

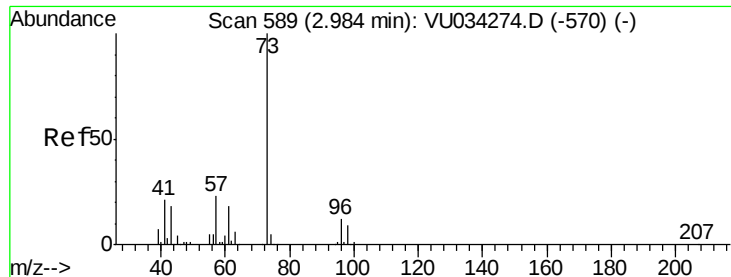
Tgt Ion: 76 Resp: 354625
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 51.365 ug/l
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Tgt Ion: 43 Resp: 280117
Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3

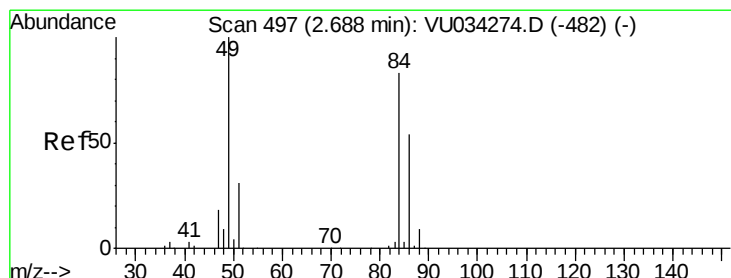
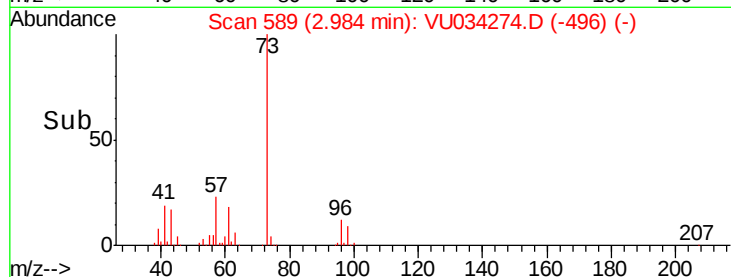
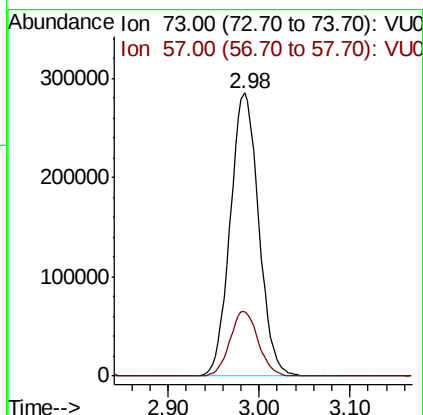
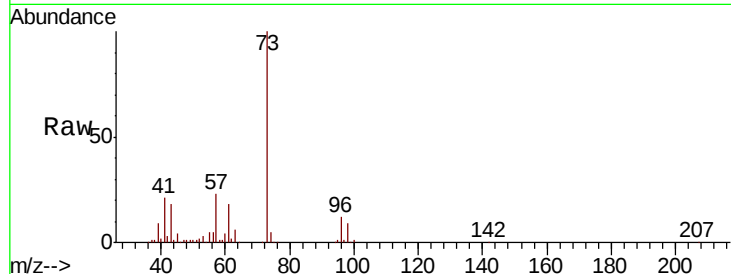




#19
Methyl tert-butyl Ether
Concen: 58.279 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

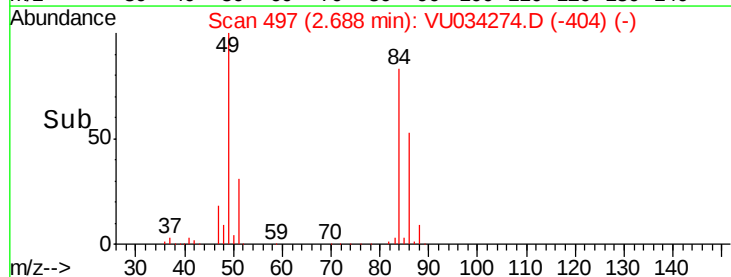
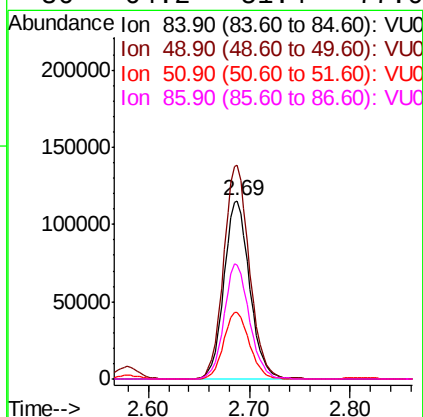
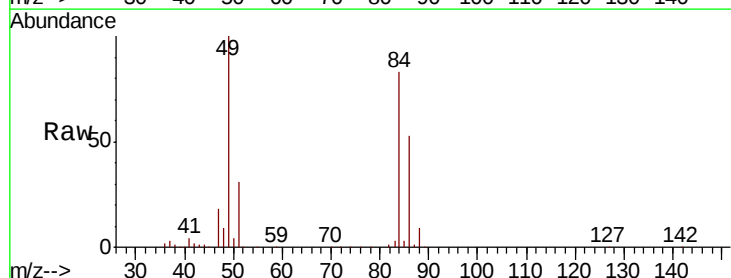
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

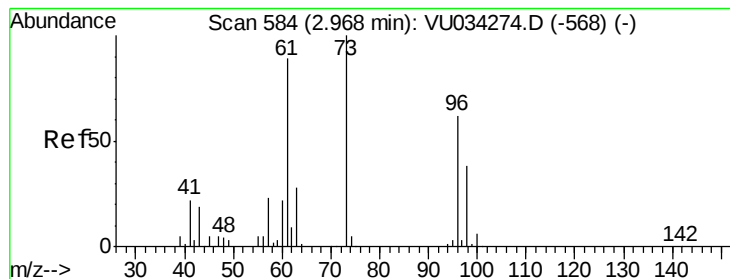
Tgt Ion: 73 Resp: 620742
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 51.666 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Tgt Ion: 84 Resp: 205215
Ion Ratio Lower Upper
84 100
49 120.0 96.0 144.0
51 37.5 30.0 45.0
86 64.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 49.877 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

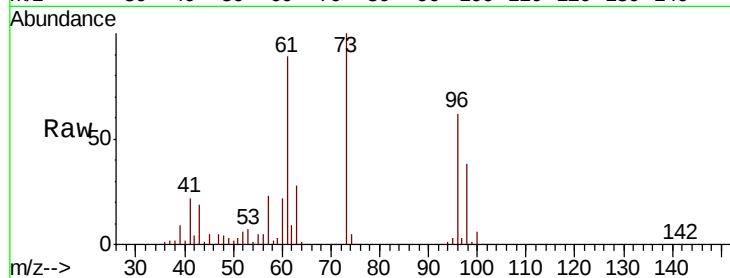
Tgt Ion: 96 Resp: 171098

Ion Ratio Lower Upper

96 100

61 143.5 114.8 172.2

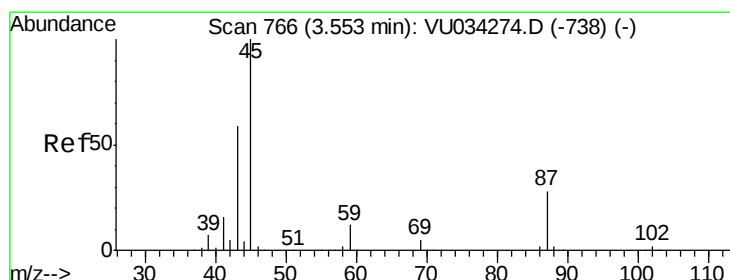
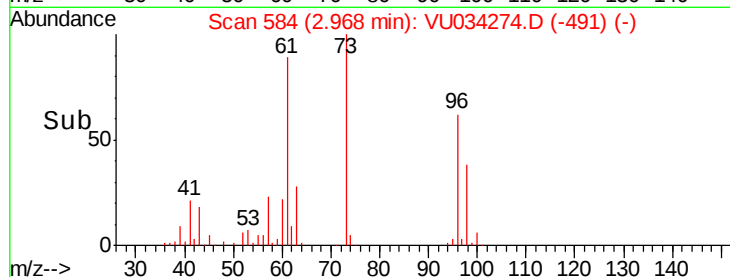
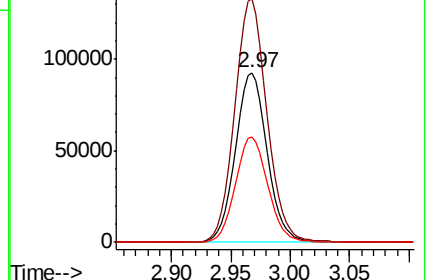
98 62.3 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034274.D (-568) (-)

Ion 60.90 (60.60 to 61.60): VU034274.D (-568) (-)

Ion 97.90 (97.60 to 98.60): VU034274.D (-568) (-)



#22

Diisopropyl ether

Concen: 57.673 ug/l

RT: 3.55 min Scan# 766

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Tgt Ion: 45 Resp: 644696

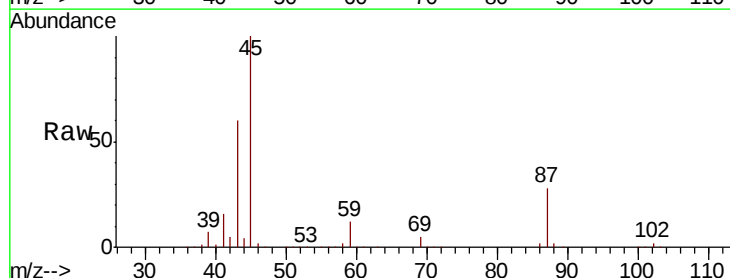
Ion Ratio Lower Upper

45 100

43 59.4 47.5 71.3

87 27.8 22.2 33.4

59 11.8 9.4 14.2

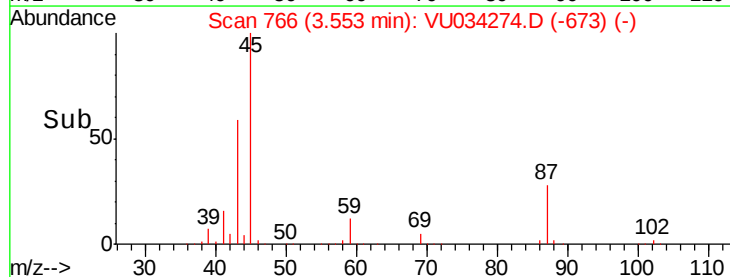
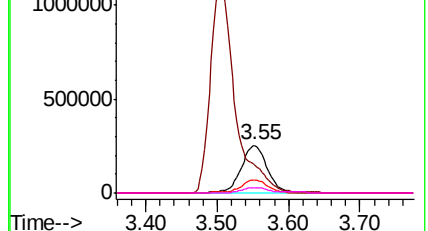


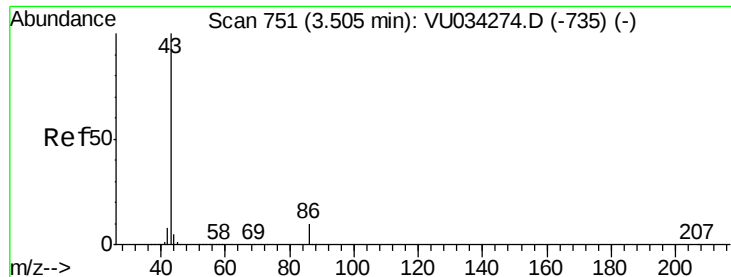
Abundance Ion 45.00 (44.70 to 45.70): VU034274.D (-738) (-)

Ion 43.00 (42.70 to 43.70): VU034274.D (-738) (-)

Ion 87.00 (86.70 to 87.70): VU034274.D (-738) (-)

Ion 59.00 (58.70 to 59.70): VU034274.D (-738) (-)





#23

Vinyl Acetate

Concen: 283.742 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

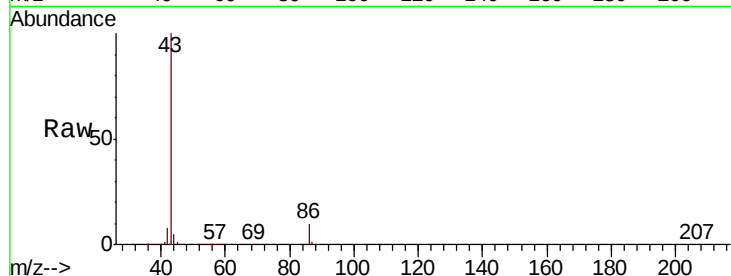
VSTDICCC050

Tgt Ion: 43 Resp: 2699863

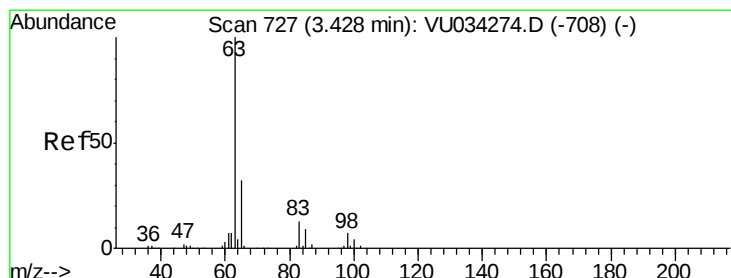
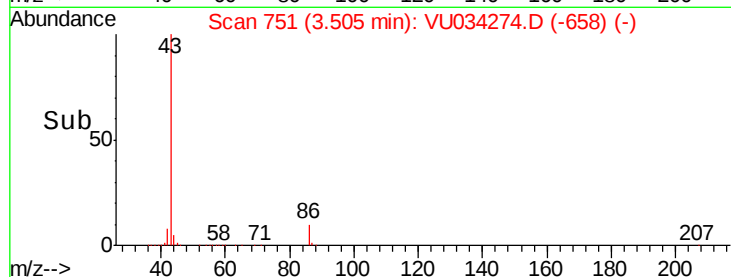
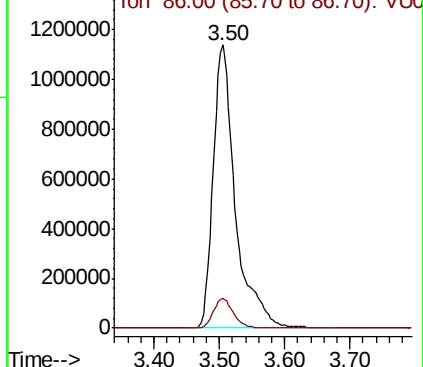
Ion Ratio Lower Upper

43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-735) (-)



#24

1,1-Dichloroethane

Concen: 55.259 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

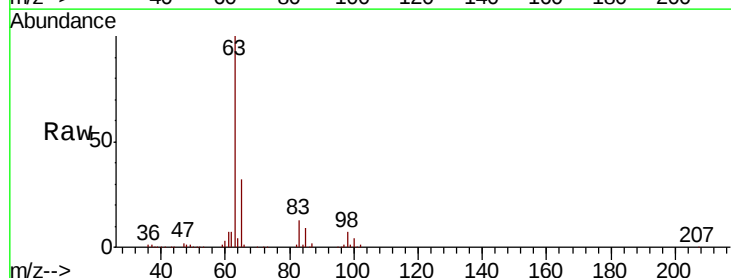
Tgt Ion: 63 Resp: 362893

Ion Ratio Lower Upper

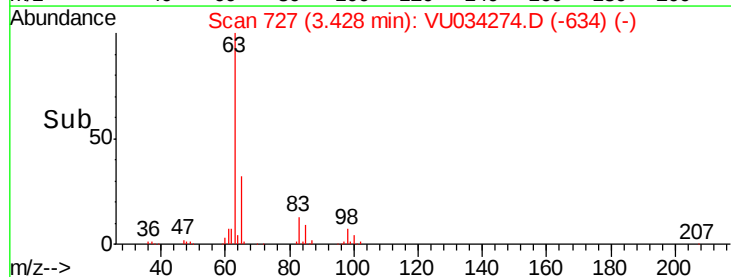
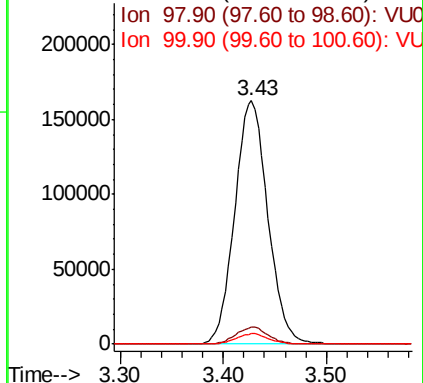
63 100

98 6.9 3.5 10.4

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VU034274.D (-708) (-)





#25

2-Butanone

Concen: 290.389 ug/l

RT: 4.24 min Scan# 979

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

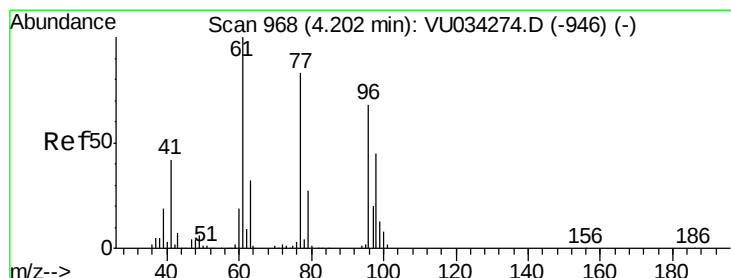
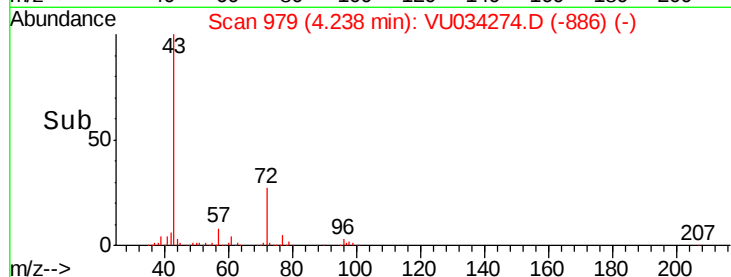
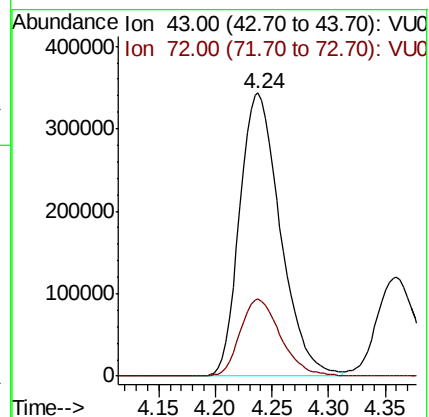
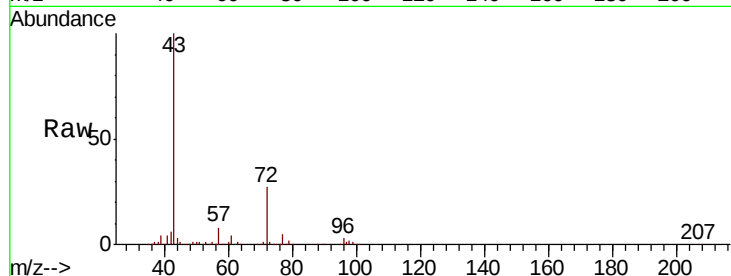
VSTDICCC050

Tgt Ion: 43 Resp: 851939

Ion Ratio Lower Upper

43 100

72 27.2 21.8 32.6



#26

2,2-Dichloropropane

Concen: 54.905 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034274.D

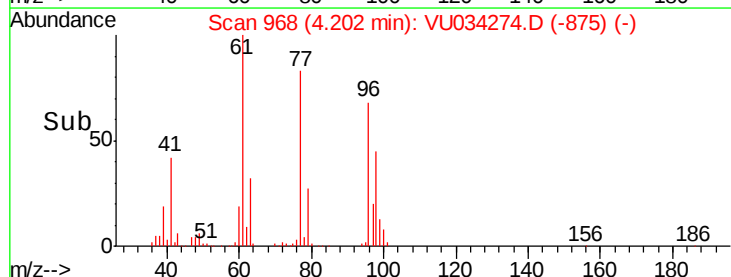
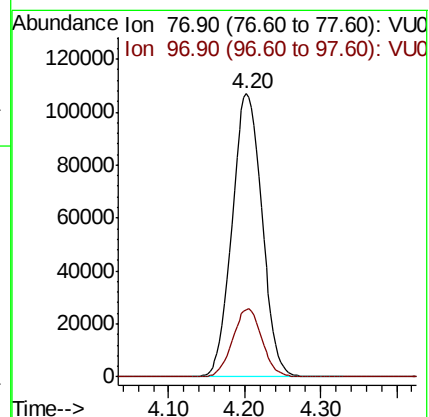
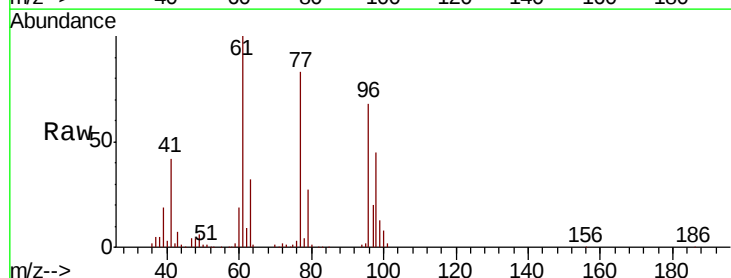
Acq: 05 Sep 2019 10:23

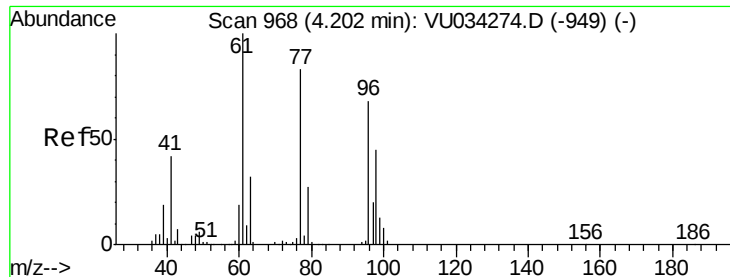
Tgt Ion: 77 Resp: 292998

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3



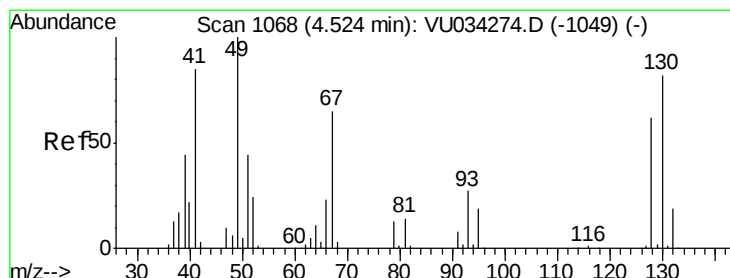
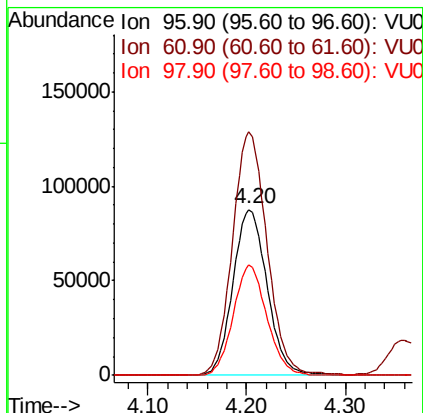
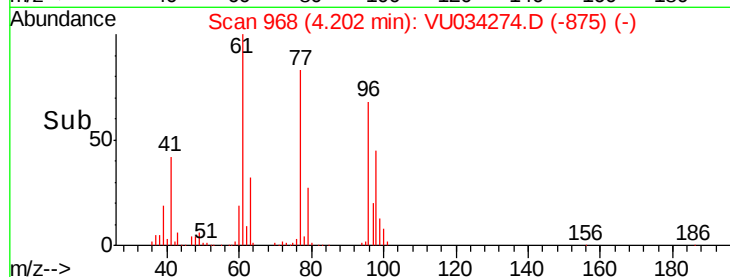
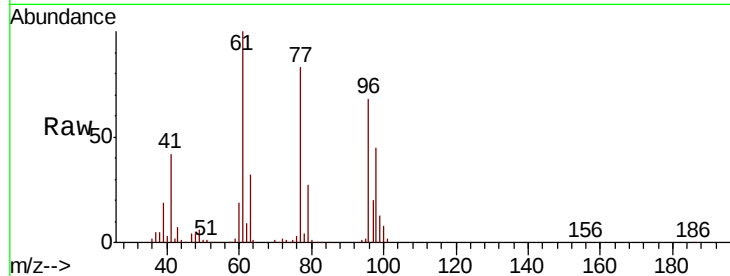


#27

cis-1,2-Dichloroethene
 Concen: 53.934 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

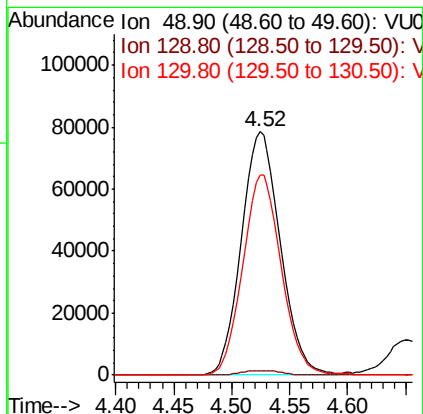
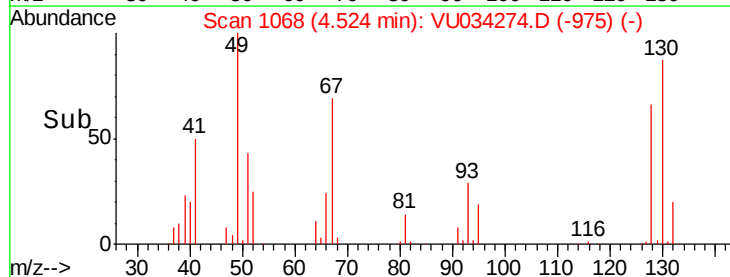
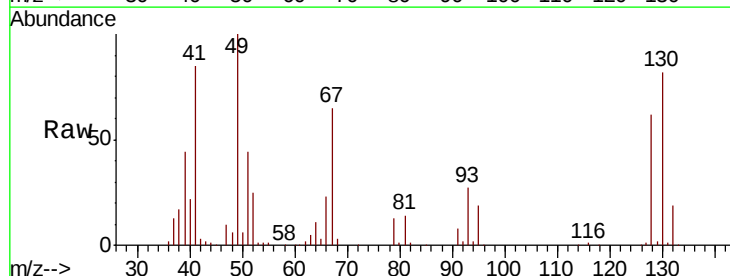
Tgt Ion: 96 Resp: 211324
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 297.4
 98 65.0 0.0 130.0

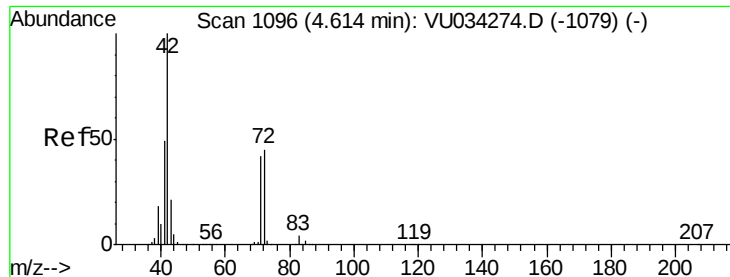


#28

Bromochloromethane
 Concen: 56.455 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion: 49 Resp: 183760
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 81.5 65.2 97.8

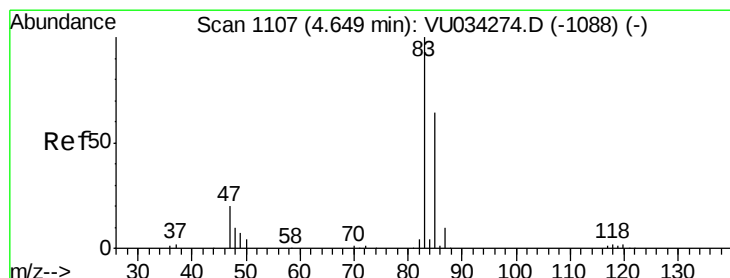
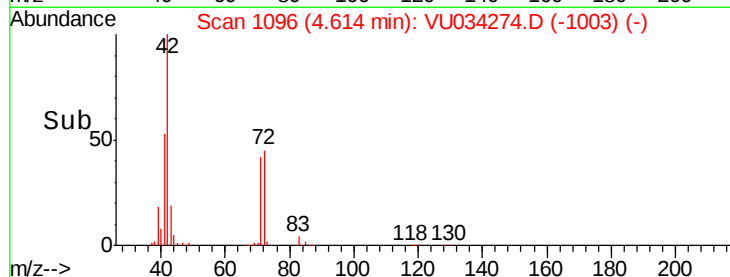
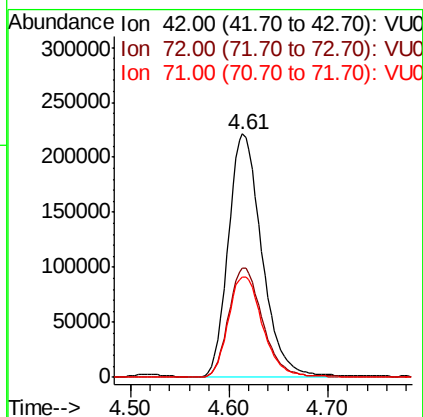
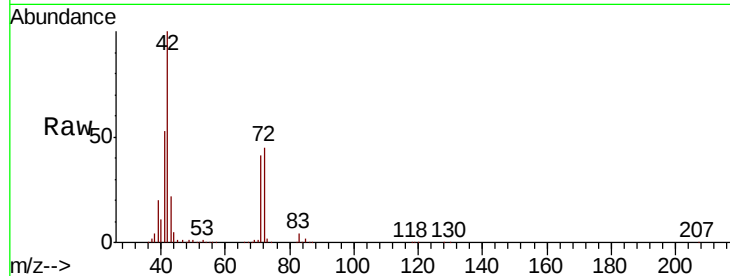




#29
Tetrahydrofuran
Concen: 289.230 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

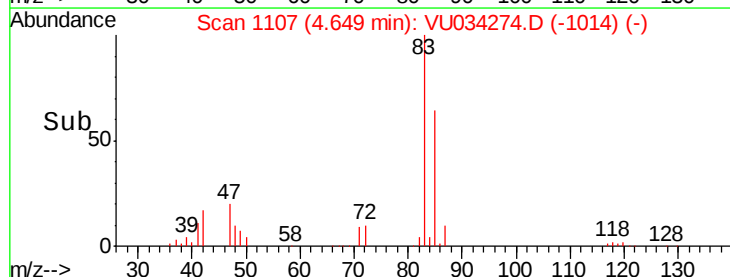
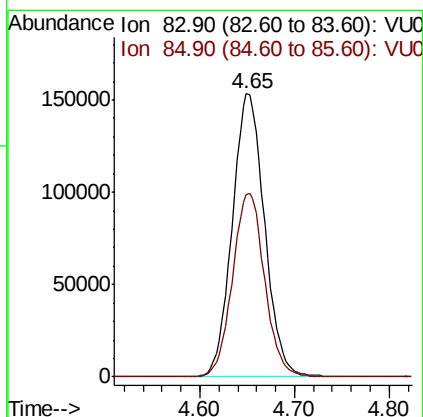
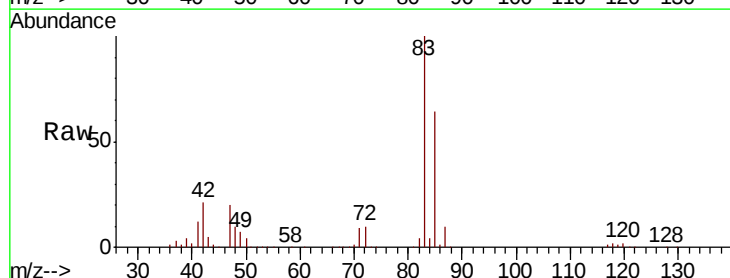
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

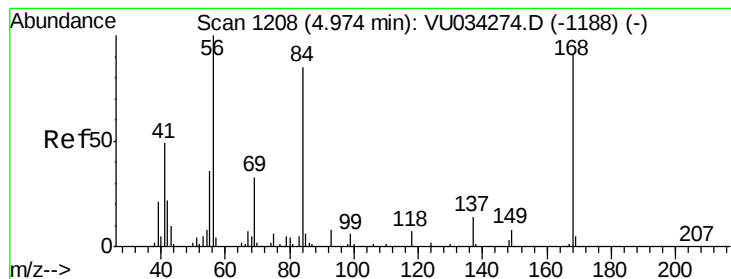
Tgt Ion: 42 Resp: 523433
Ion Ratio Lower Upper
42 100
72 45.7 36.6 54.8
71 42.9 34.3 51.5



#30
Chloroform
Concen: 54.994 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Tgt Ion: 83 Resp: 363133
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3





#31

Cyclohexane

Concen: 44.981 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

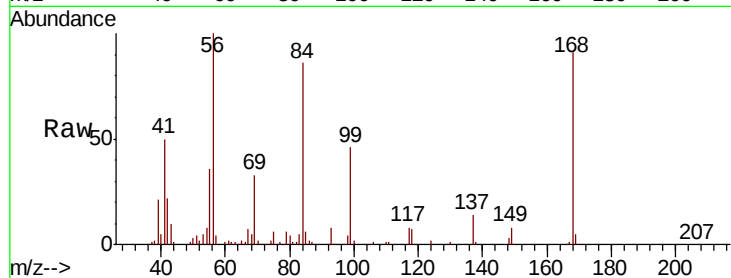
Tgt Ion: 56 Resp: 266075

Ion Ratio Lower Upper

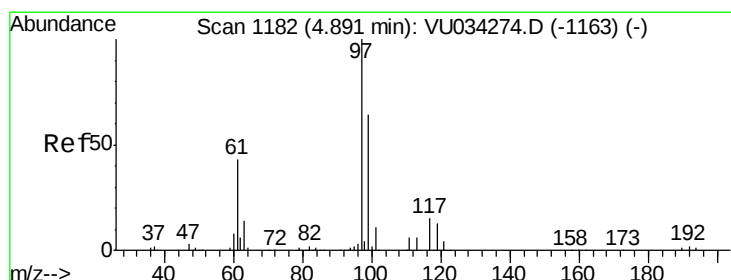
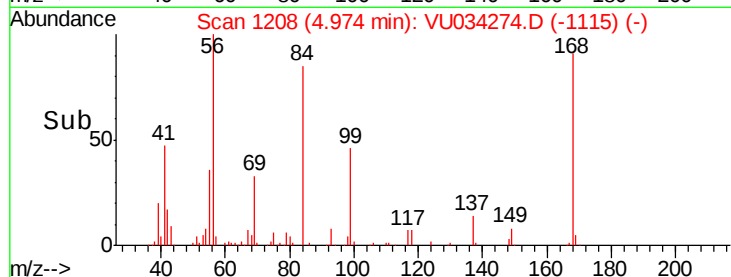
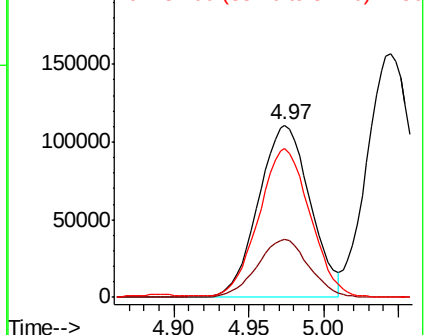
56 100

69 33.4 26.7 40.1

84 85.3 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0



#32

1,1,1-Trichloroethane

Concen: 54.851 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

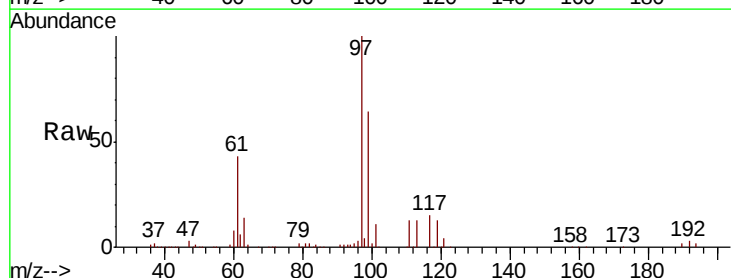
Tgt Ion: 97 Resp: 294573

Ion Ratio Lower Upper

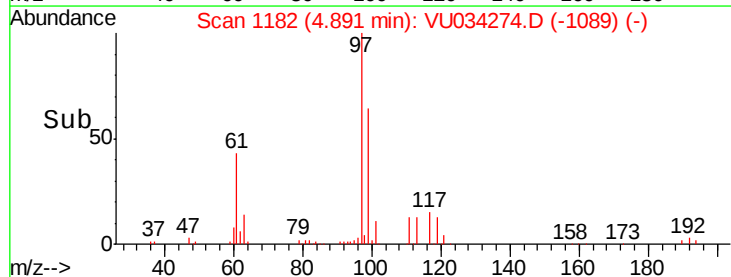
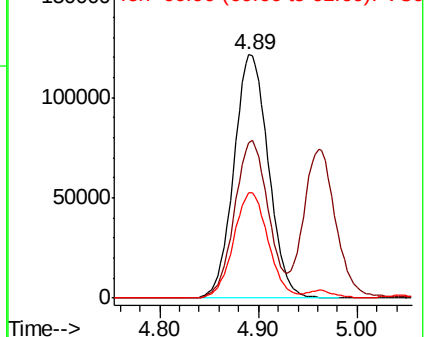
97 100

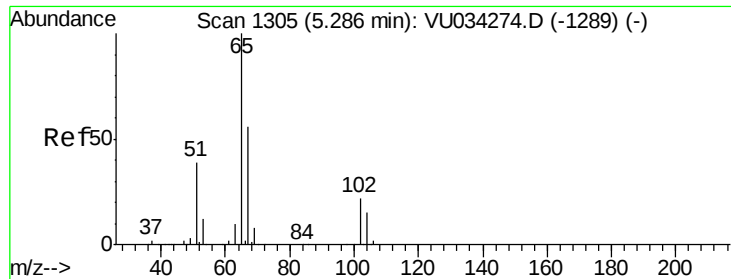
99 63.6 50.9 76.3

61 43.4 34.7 52.1



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

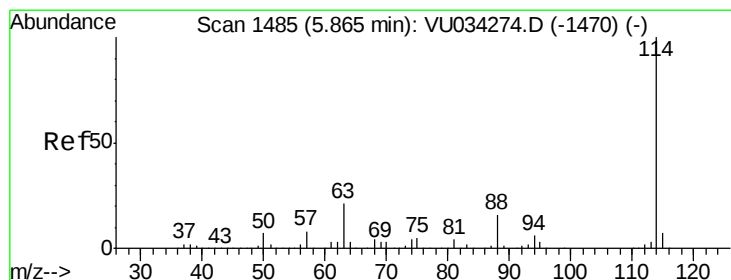
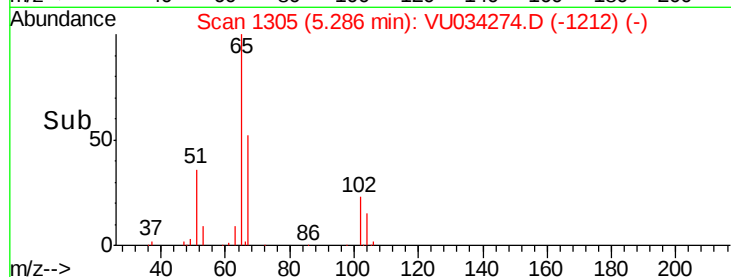
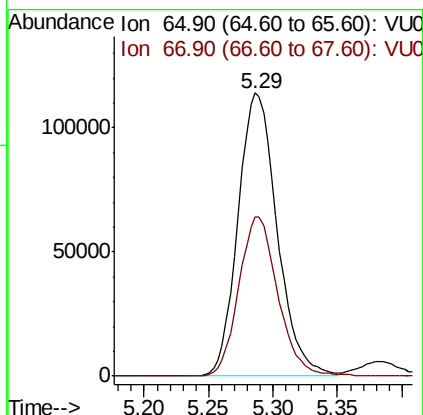
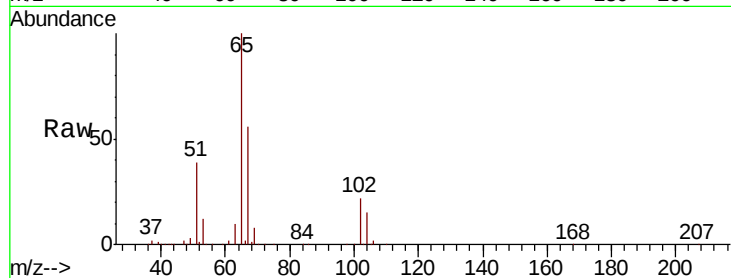




#33
 1,2-Dichloroethane-d4
 Concen: 57.301 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

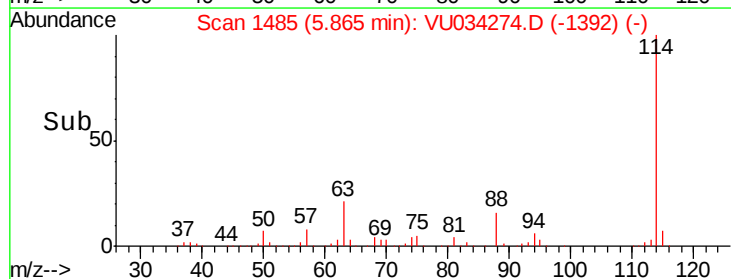
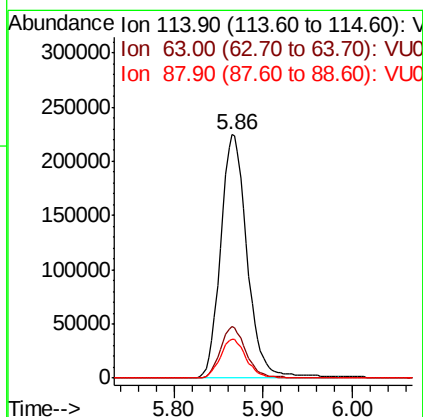
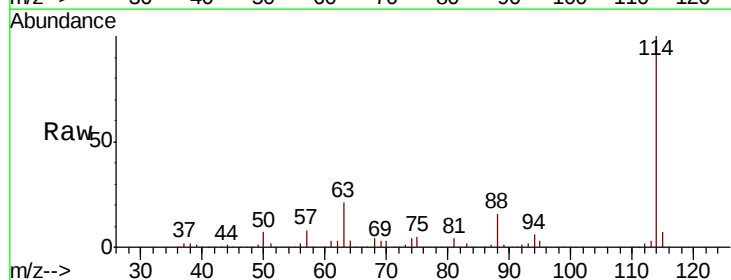
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

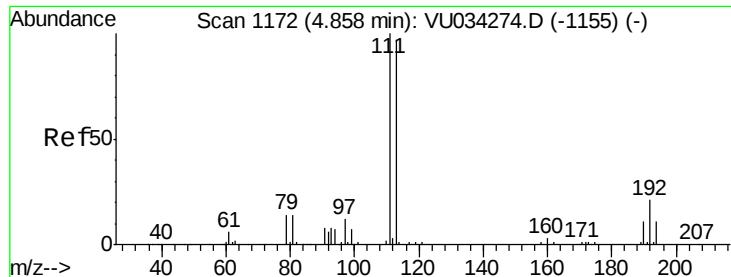
Tgt Ion: 65 Resp: 241693
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion: 114 Resp: 463253
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.4
 88 16.2 0.0 32.4

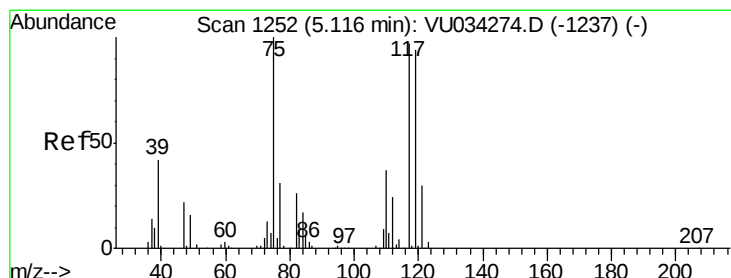
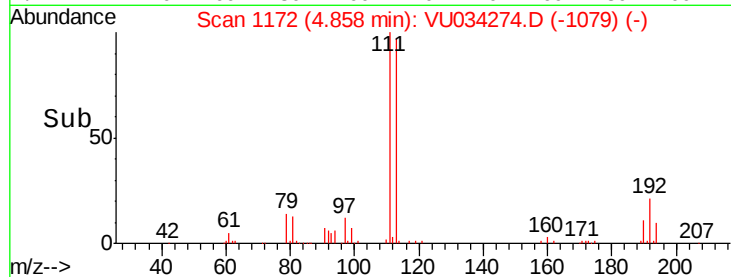
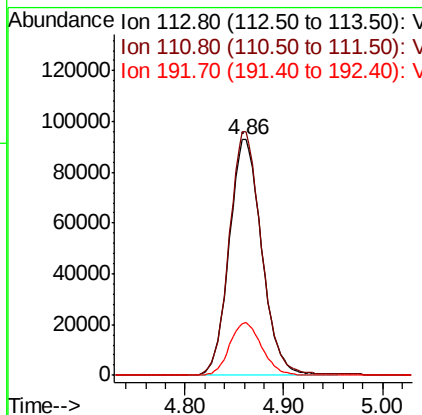
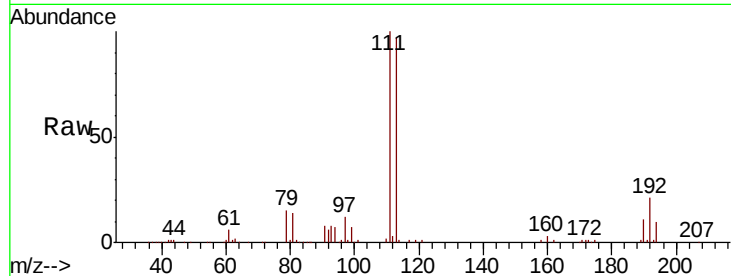




#35
 Dibromofluoromethane
 Concen: 62.575 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

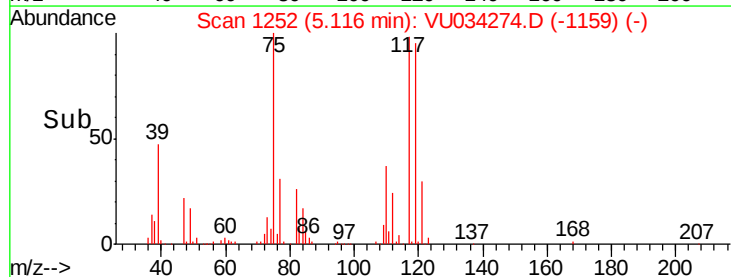
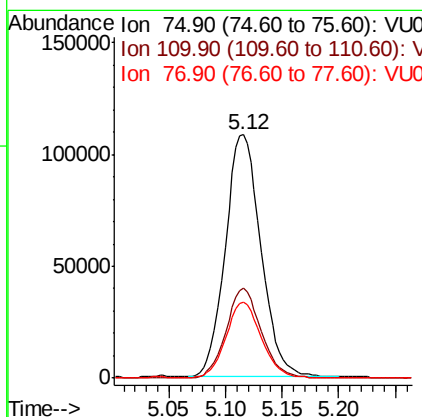
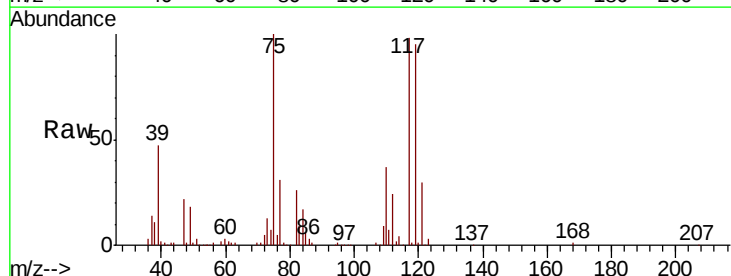
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

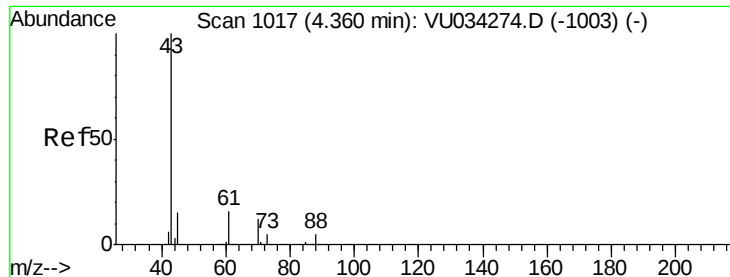
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.5	122.3
192	22.3	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 53.943 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.3	54.9
77	31.1	24.9	37.3

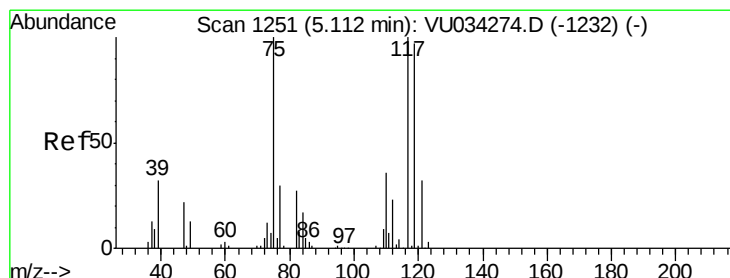
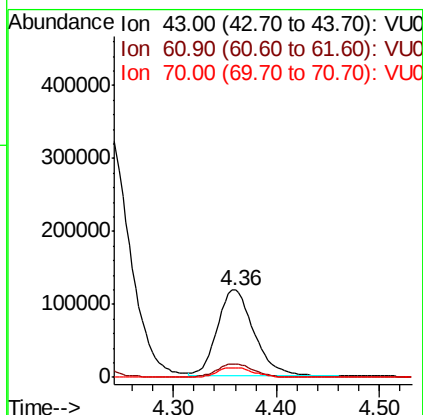
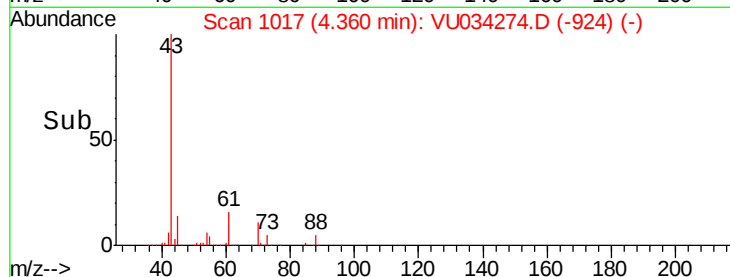
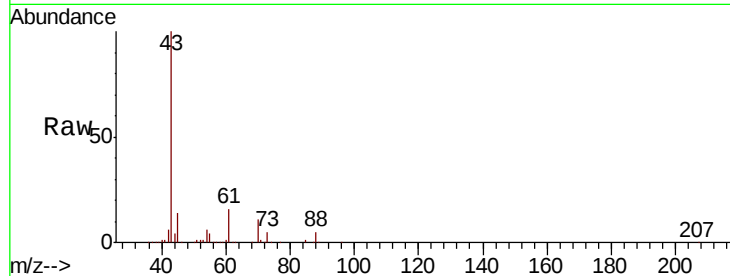




#37
Ethyl Acetate
Concen: 59.124 ug/l
RT: 4.36 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

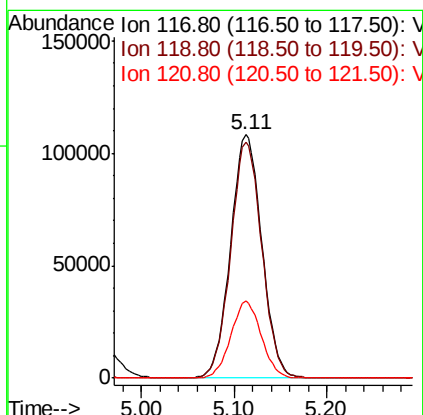
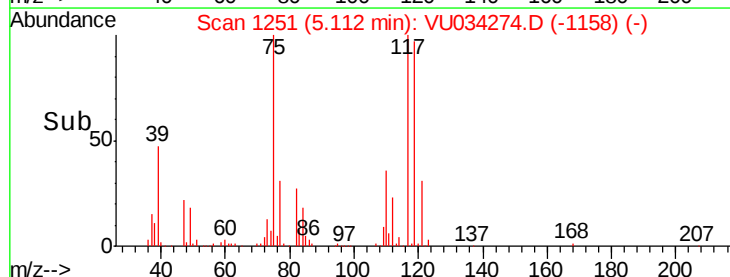
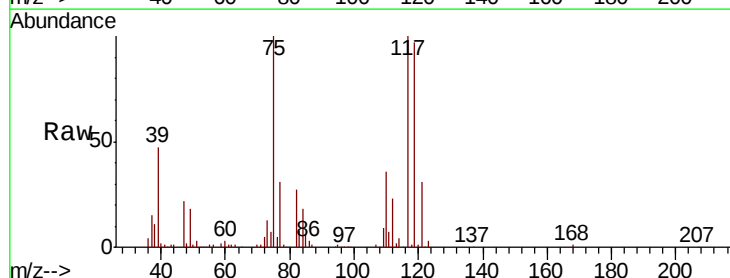
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

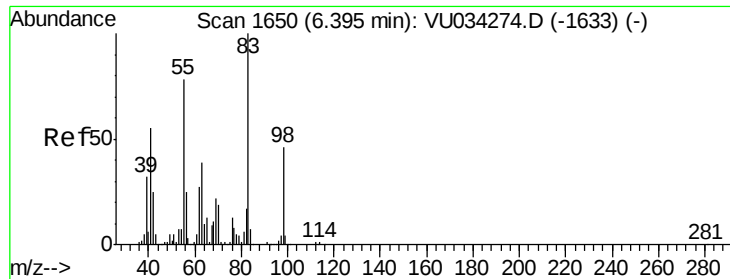
Tgt Ion: 43 Resp: 294592
Ion Ratio Lower Upper
43 100
61 15.4 12.3 18.5
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 58.537 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Tgt Ion: 117 Resp: 252363
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6
121 31.5 25.2 37.8

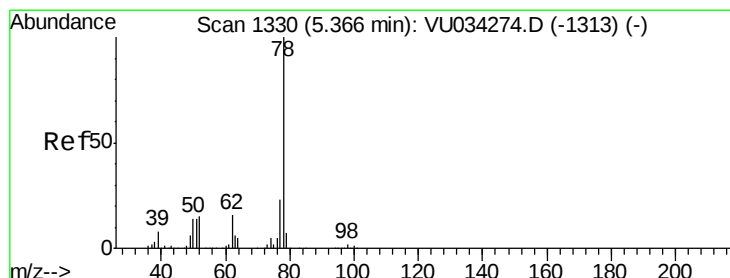
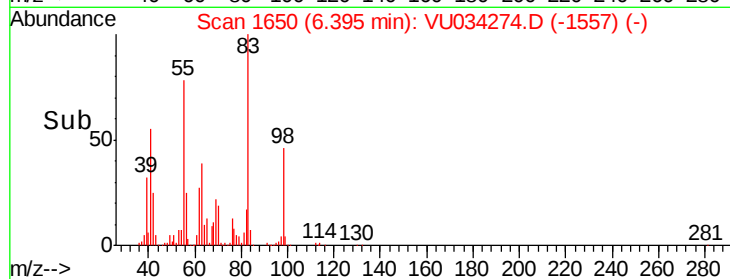
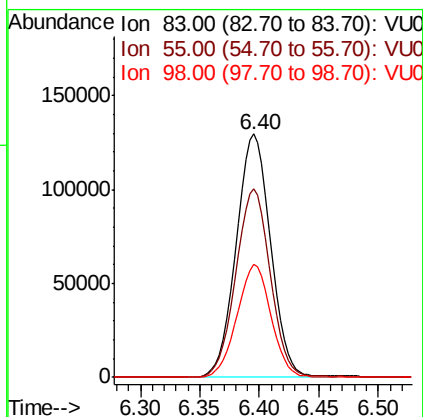
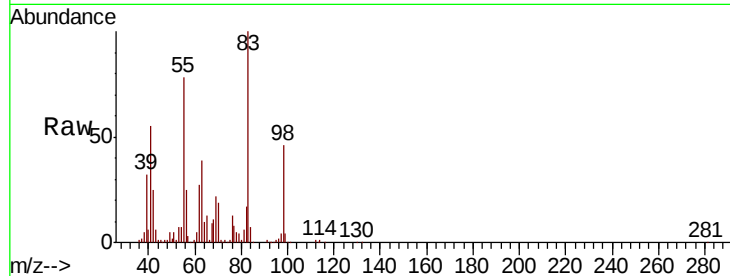




#39
Methylcyclohexane
Concen: 51.254 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

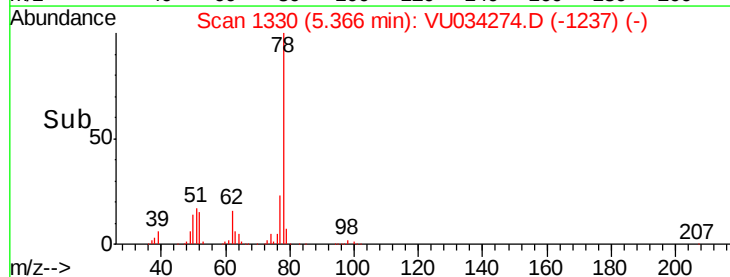
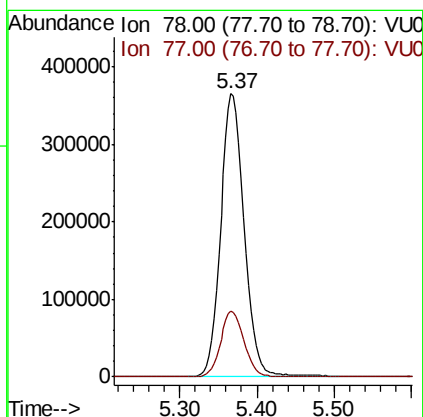
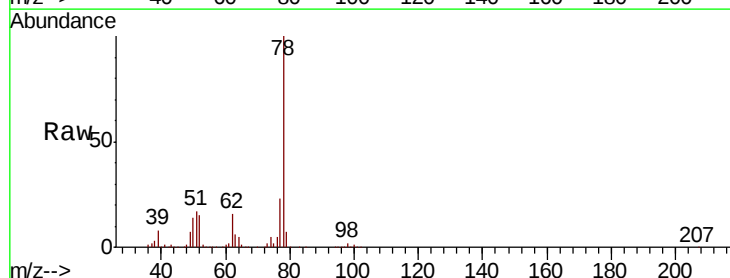
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

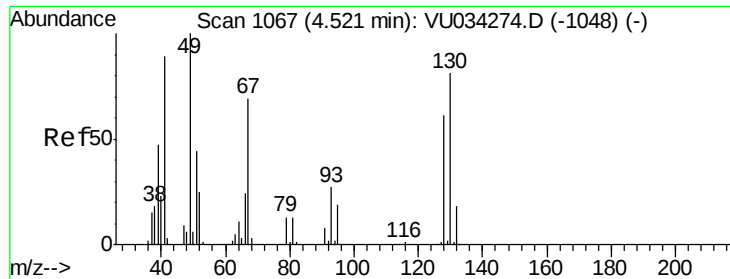
Tgt Ion: 83 Resp: 260457
Ion Ratio Lower Upper
83 100
55 77.6 62.1 93.1
98 46.3 37.0 55.6



#40
Benzene
Concen: 57.473 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Tgt Ion: 78 Resp: 773293
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

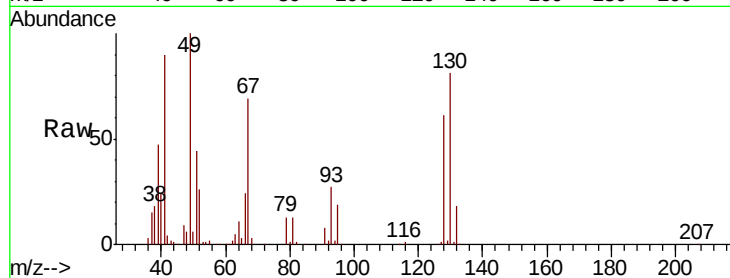




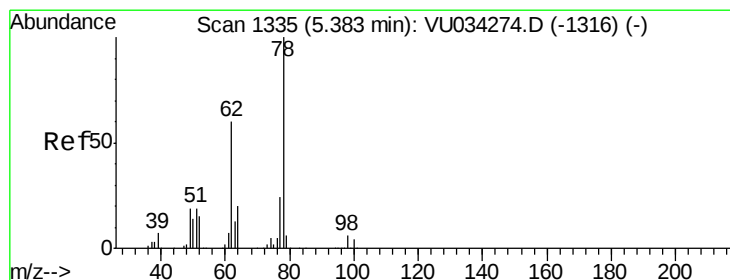
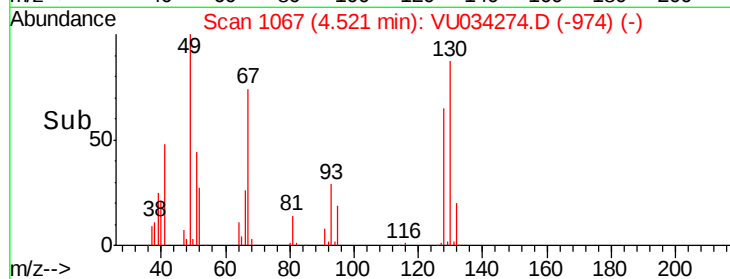
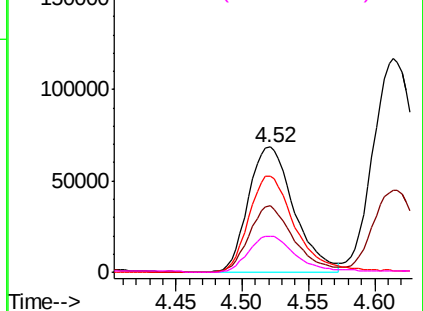
#41
Methacrylonitrile
Concen: 63.687 ug/l
RT: 4.52 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	164421
Ion	Ratio	Lower	Upper
41	100		
39	51.2	41.0	61.4
67	78.0	62.4	93.6
52	29.5	23.6	35.4

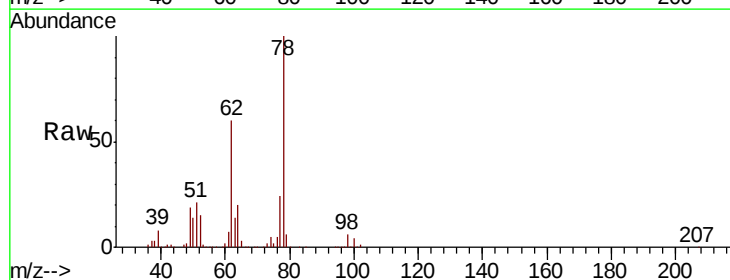


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

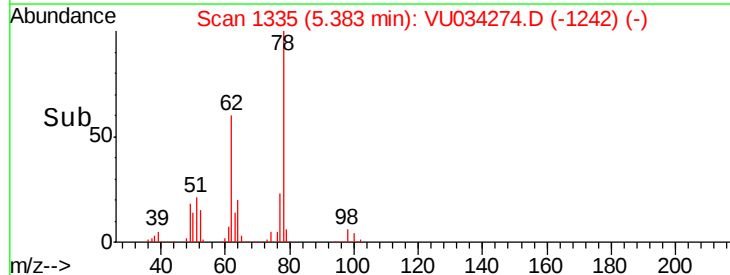
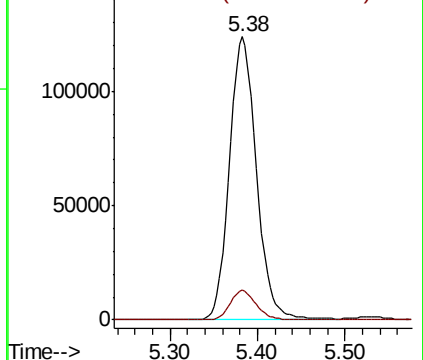


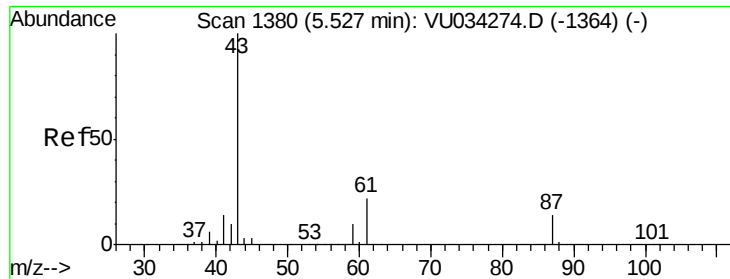
#42
1,2-Dichloroethane
Concen: 57.400 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Tgt Ion:	62	Resp:	266433
Ion	Ratio	Lower	Upper
62	100		
98	10.0	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: 60.200 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

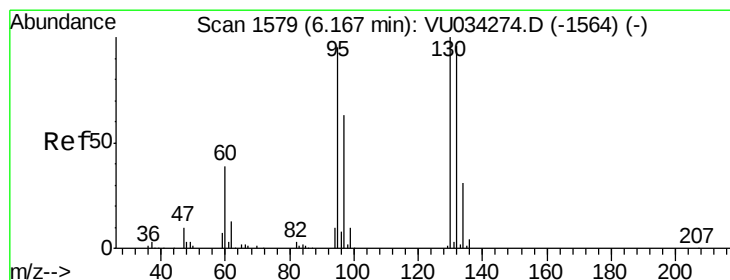
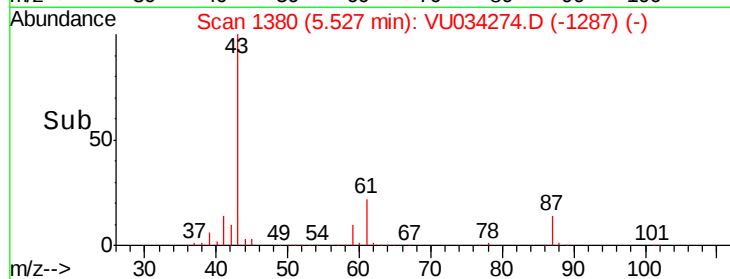
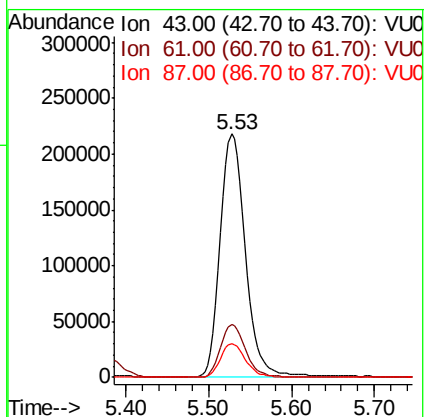
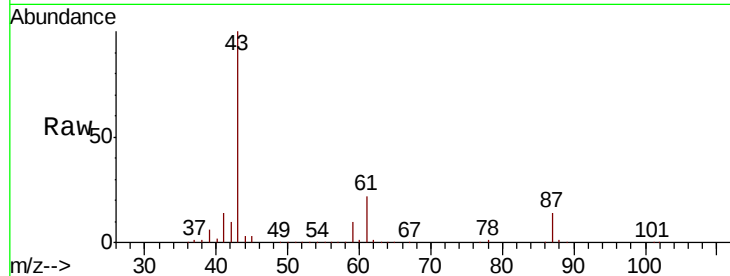
Tgt Ion: 43 Resp: 458740

Ion Ratio Lower Upper

43 100

61 21.4 17.1 25.7

87 13.9 11.1 16.7



#44

Trichloroethene

Concen: 59.033 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034274.D

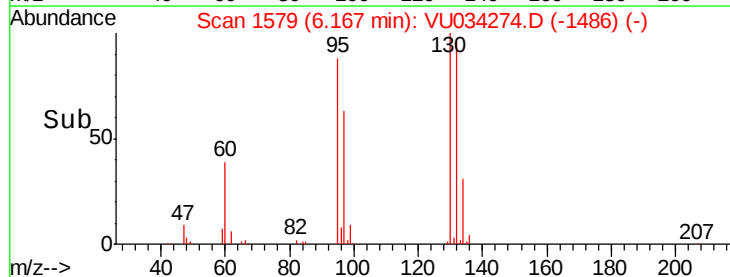
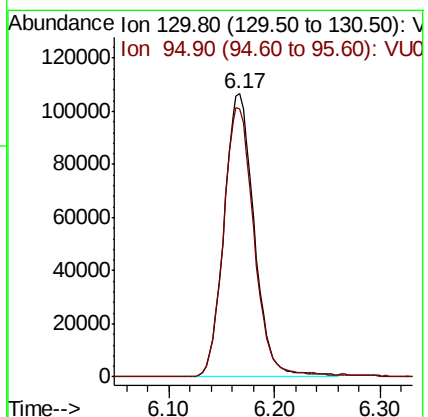
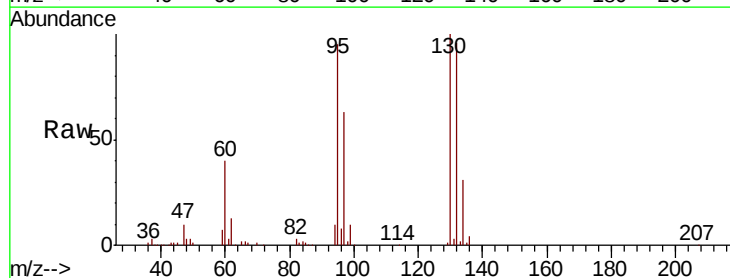
Acq: 05 Sep 2019 10:23

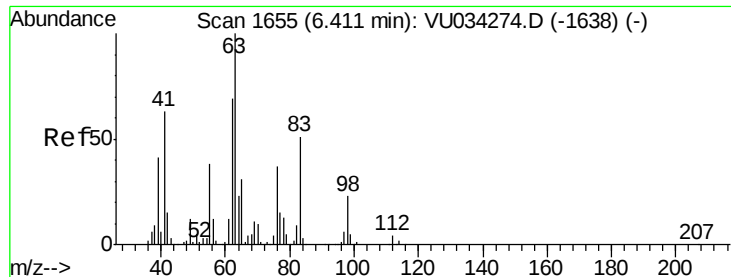
Tgt Ion: 130 Resp: 210760

Ion Ratio Lower Upper

130 100

95 94.6 0.0 189.2





#45

1,2-Dichloropropane

Concen: 60.747 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

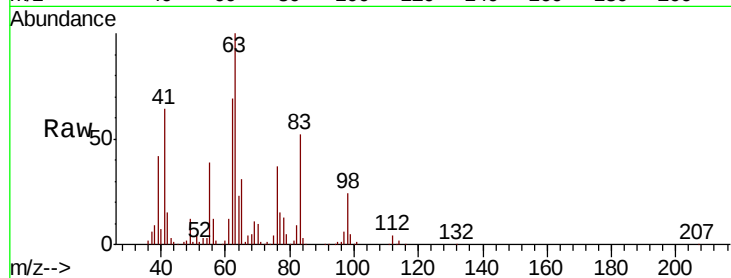
VSTDICCC050

Tgt Ion: 63 Resp: 227161

Ion Ratio Lower Upper

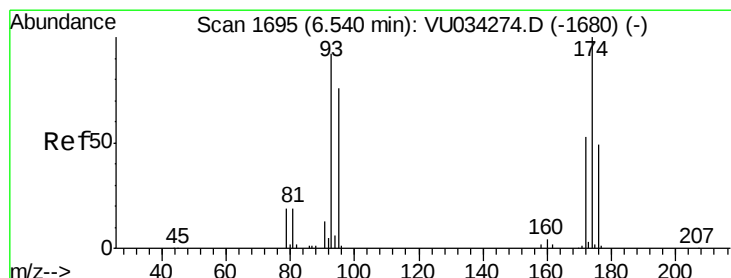
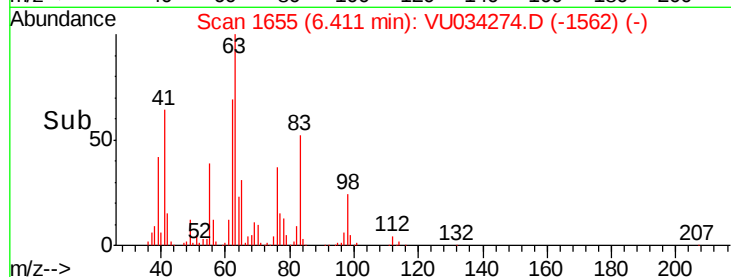
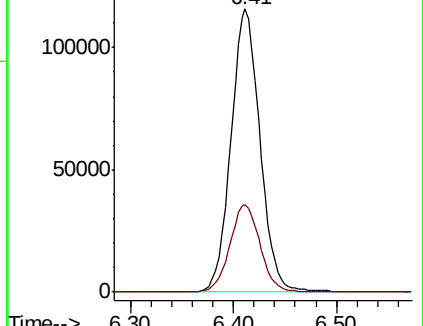
63 100

65 30.8 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VU034274.D (-1638) (-)

Ion 64.90 (64.60 to 65.60): VU034274.D (-1638) (-)



#46

Dibromomethane

Concen: 59.535 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

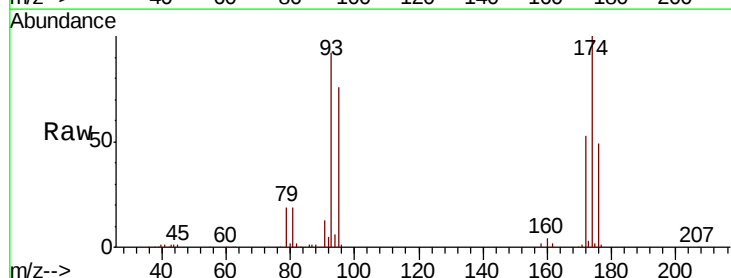
Tgt Ion: 93 Resp: 143230

Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

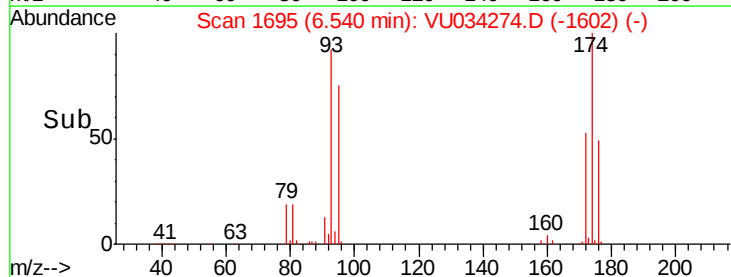
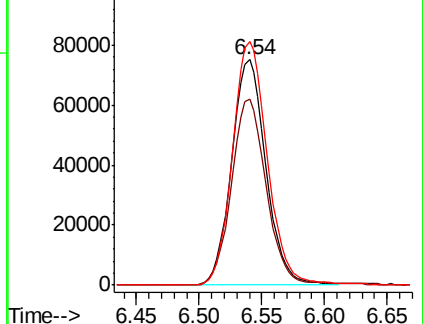
174 109.7 87.8 131.6

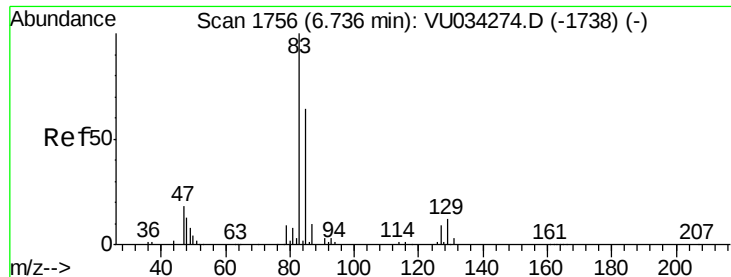


Abundance Ion 92.80 (92.50 to 93.50): VU034274.D (-1680) (-)

Ion 94.80 (94.50 to 95.50): VU034274.D (-1680) (-)

Ion 173.70 (173.40 to 174.40): VU034274.D (-1680) (-)





#47

Bromodichloromethane

Concen: 61.346 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

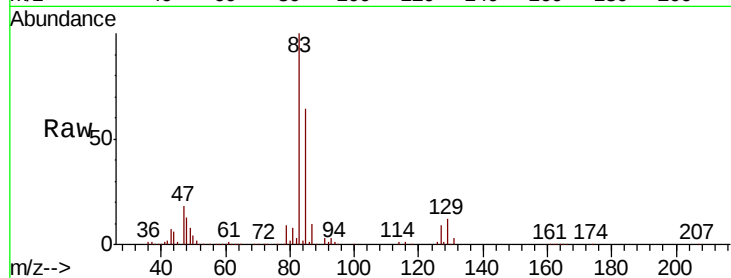
Tgt Ion: 83 Resp: 291022

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

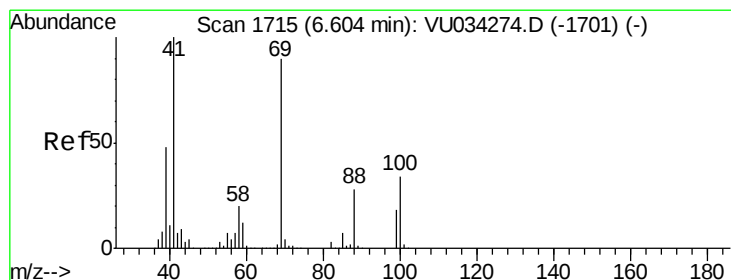
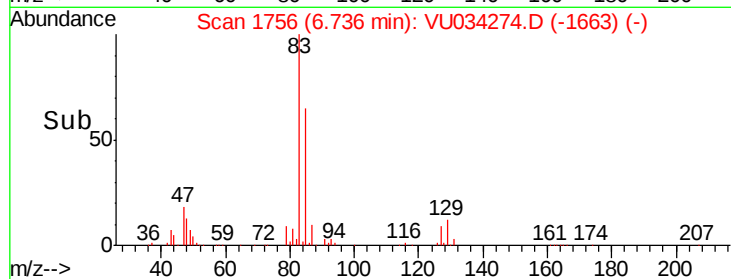
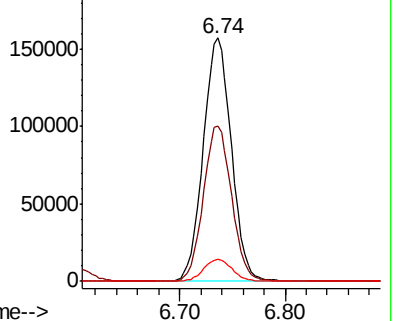
127 9.0 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU034274.D (-1738) (-)

Ion 84.90 (84.60 to 85.60): VU034274.D (-1738) (-)

Ion 126.80 (126.50 to 127.50): VU034274.D (-1738) (-)



#48

Methyl methacrylate

Concen: 60.238 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

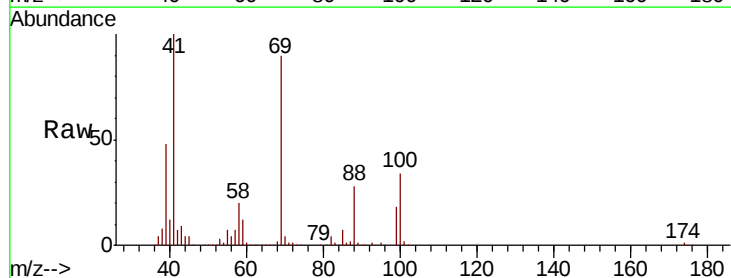
Tgt Ion: 41 Resp: 219878

Ion Ratio Lower Upper

41 100

69 91.0 72.8 109.2

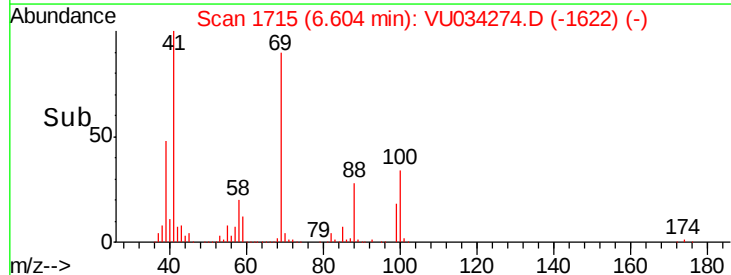
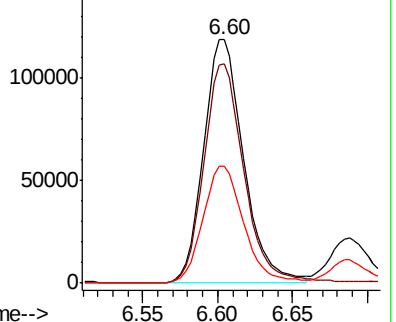
39 48.3 38.6 58.0

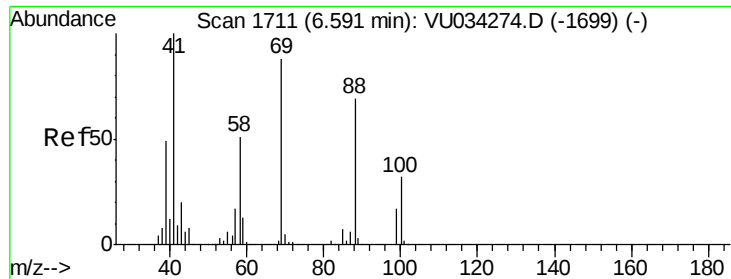


Abundance Ion 41.00 (40.70 to 41.70): VU034274.D (-1701) (-)

Ion 69.00 (68.70 to 69.70): VU034274.D (-1701) (-)

Ion 39.00 (38.70 to 39.70): VU034274.D (-1701) (-)

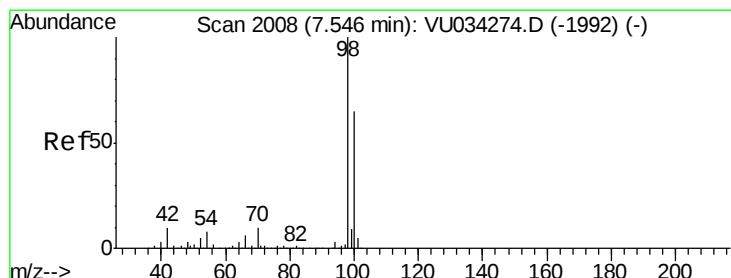
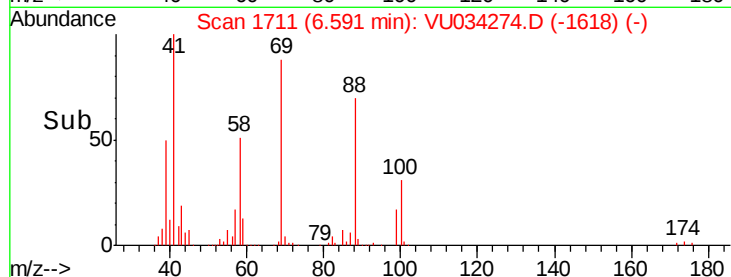
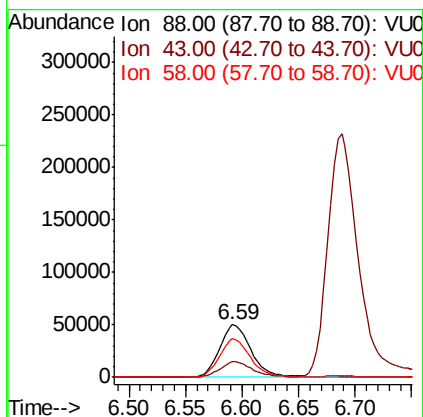
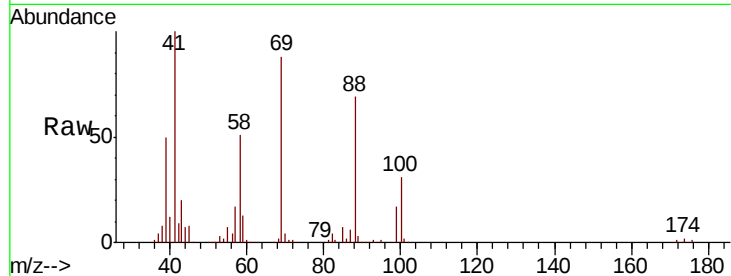




#49
1,4-Dioxane
Concen: 1069.846 ug/l
RT: 6.59 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

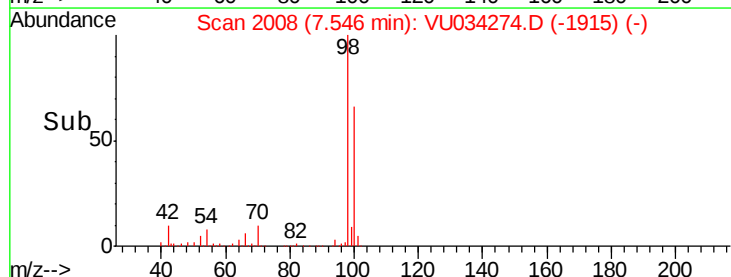
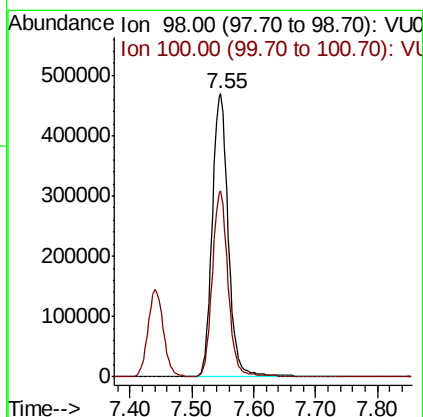
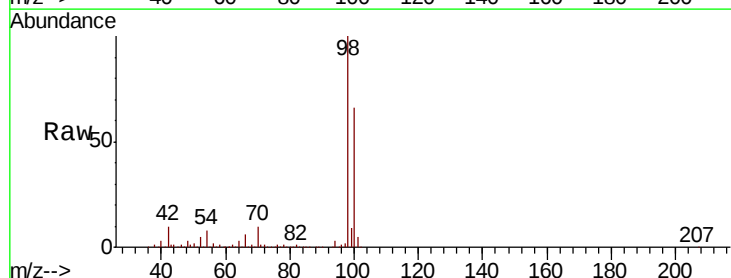
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

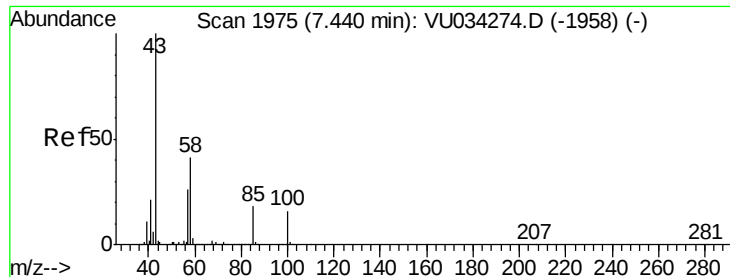
Tgt Ion: 88 Resp: 95872
Ion Ratio Lower Upper
88 100
43 29.7 23.8 35.6
58 73.0 58.4 87.6



#50
Toluene-d8
Concen: 66.049 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Tgt Ion: 98 Resp: 845127
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

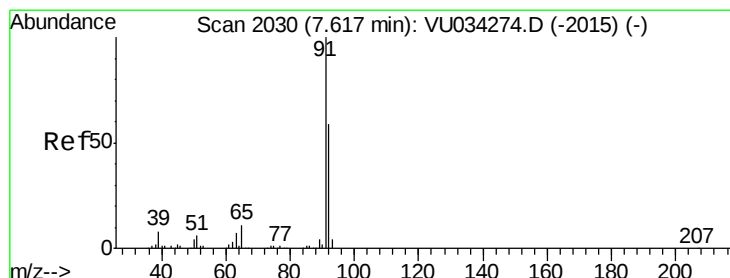
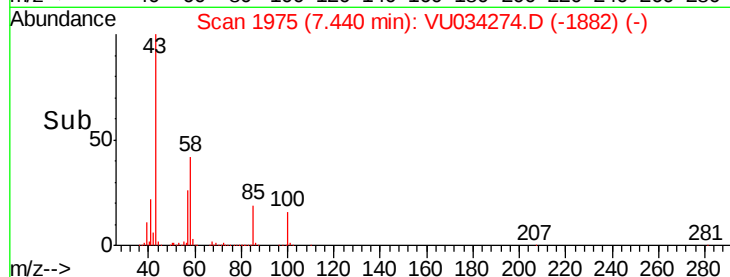
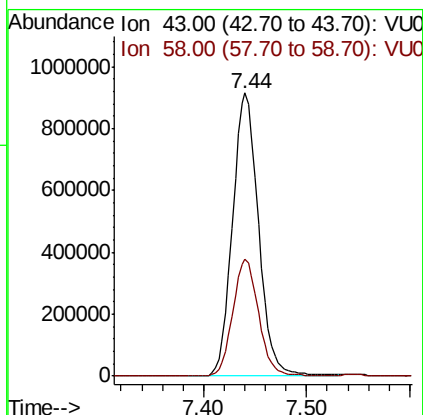
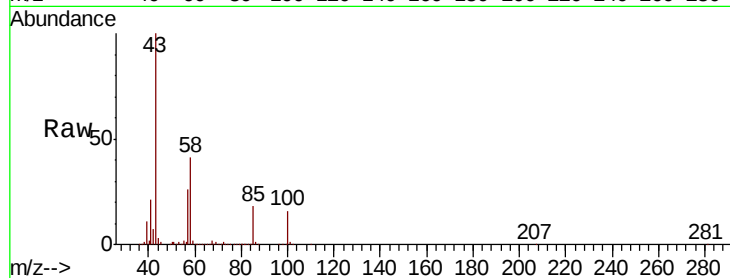




#51
 4-Methyl-2-Pentanone
 Concen: 304.839 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

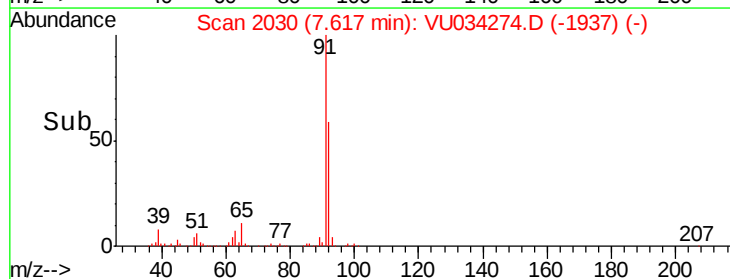
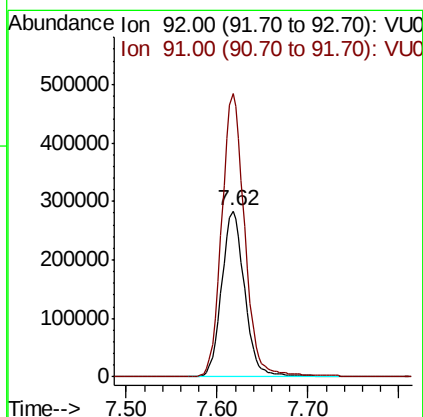
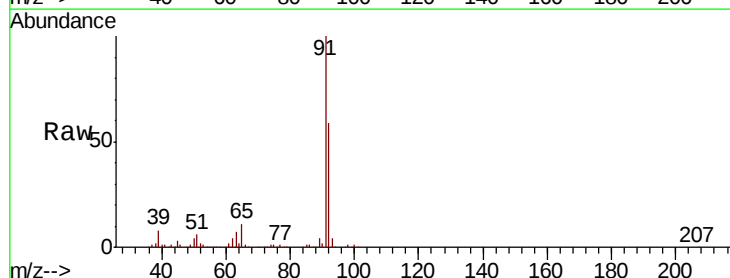
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

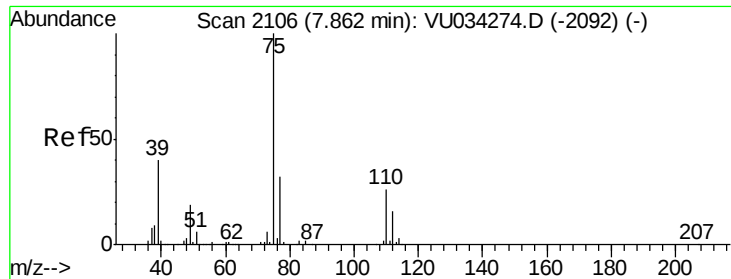
Tgt Ion: 43 Resp: 1609448
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.0 49.4



#52
 Toluene
 Concen: 59.937 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion: 92 Resp: 499399
 Ion Ratio Lower Upper
 92 100
 91 170.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 59.669 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

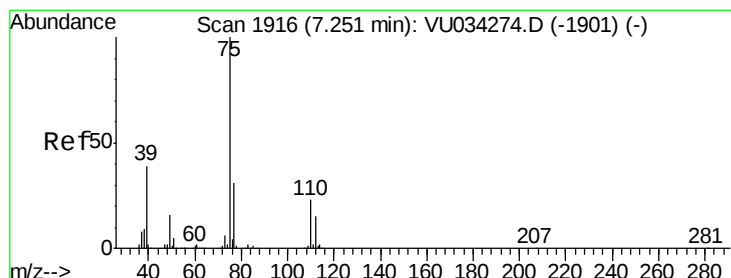
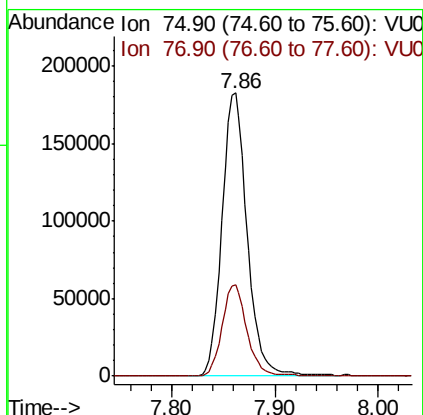
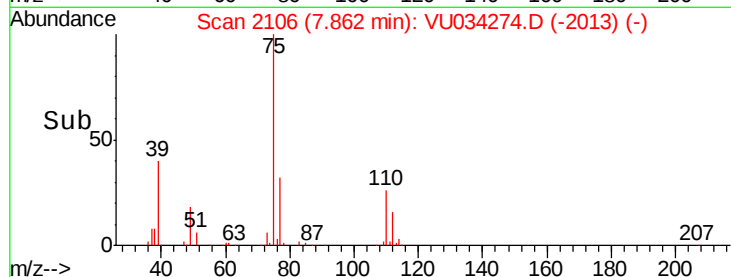
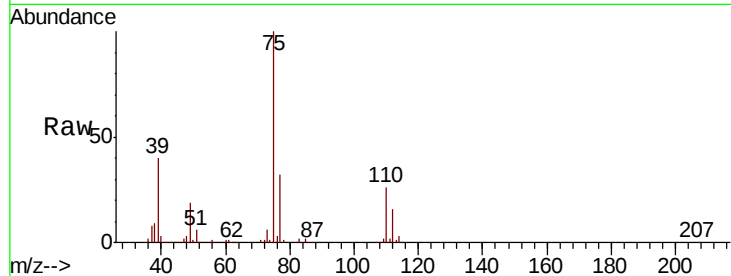
VSTDICCC050

Tgt Ion: 75 Resp: 310390

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 60.540 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

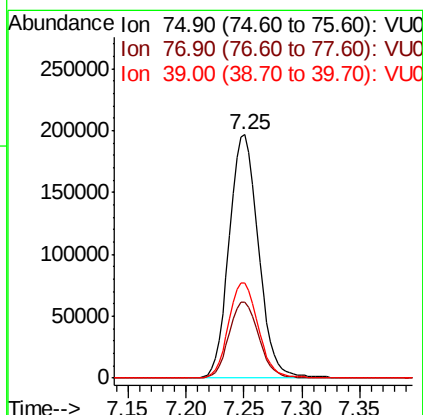
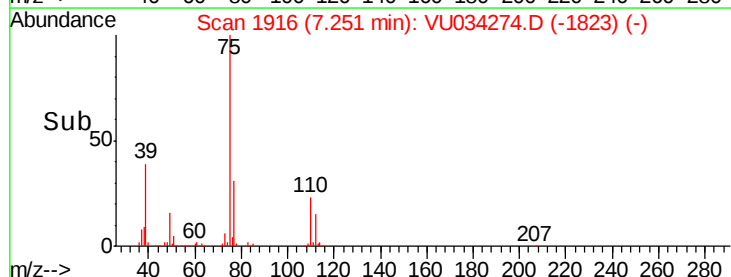
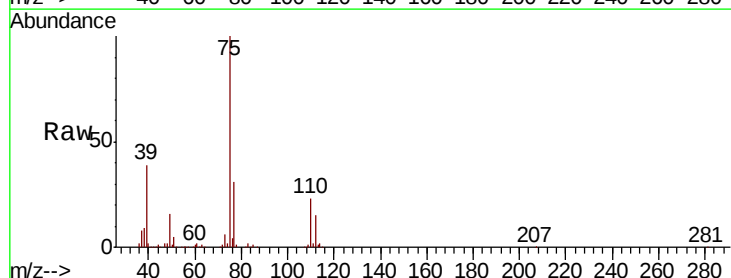
Tgt Ion: 75 Resp: 345279

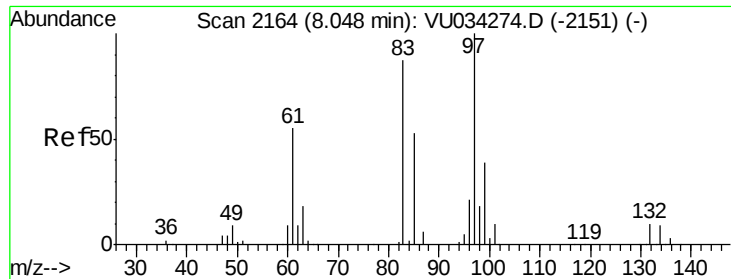
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 39.0 31.2 46.8

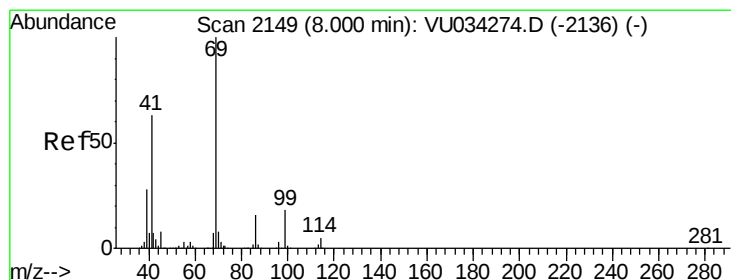
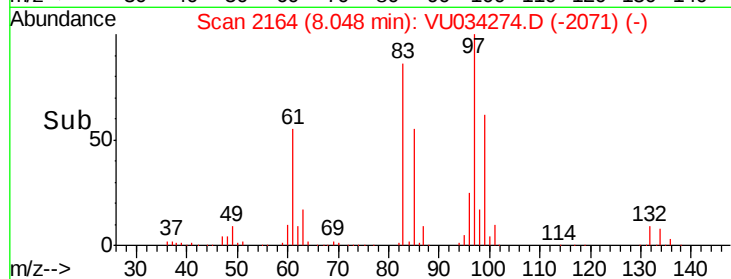
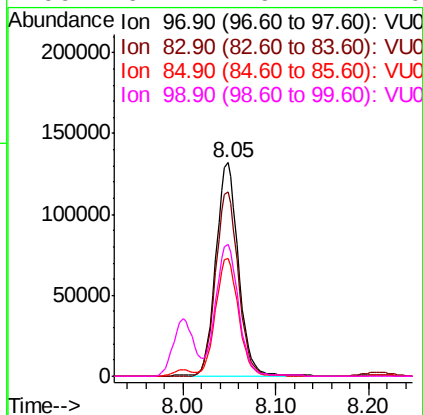
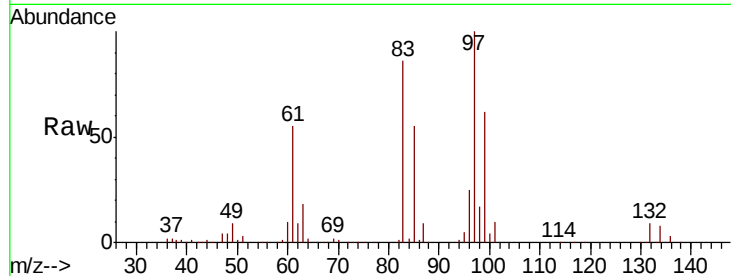




#55
 1,1,2-Trichloroethane
 Concen: 62.028 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

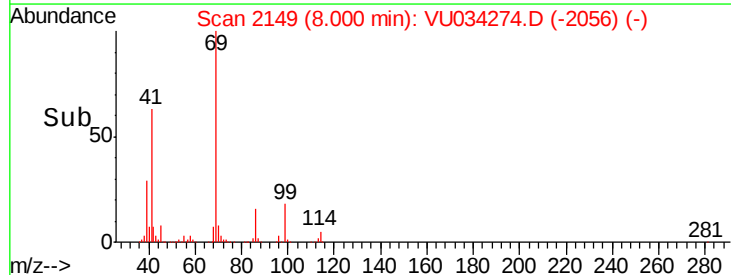
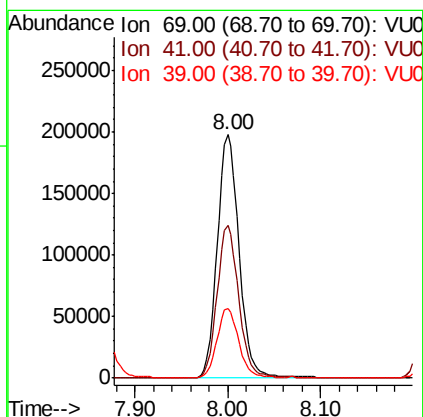
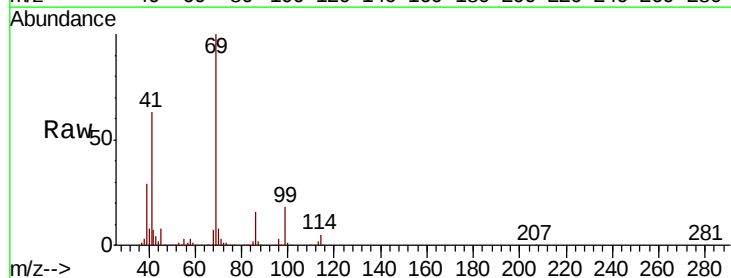
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	221639
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.6
85	55.2	44.2	66.2
99	61.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 61.384 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion:	69	Resp:	323651
Ion	Ratio	Lower	Upper
69	100		
41	61.9	49.5	74.3
39	28.1	22.5	33.7

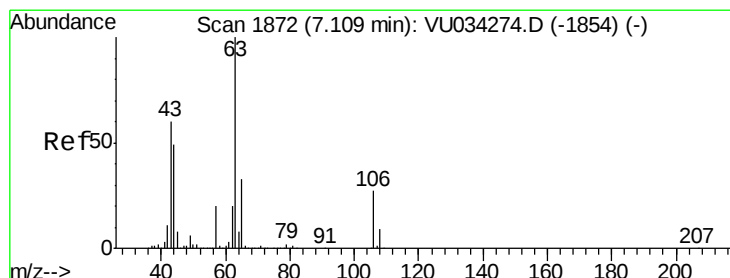
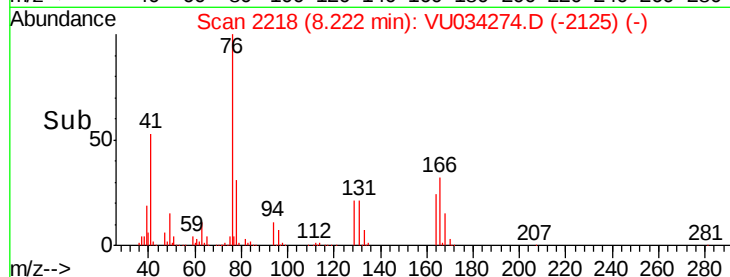
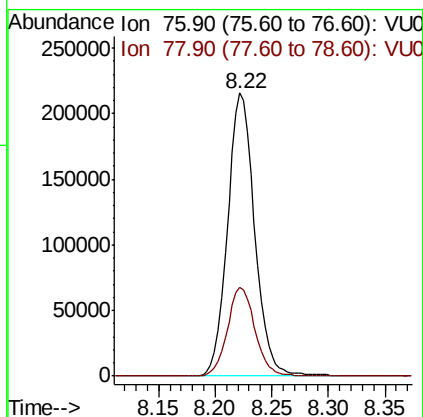
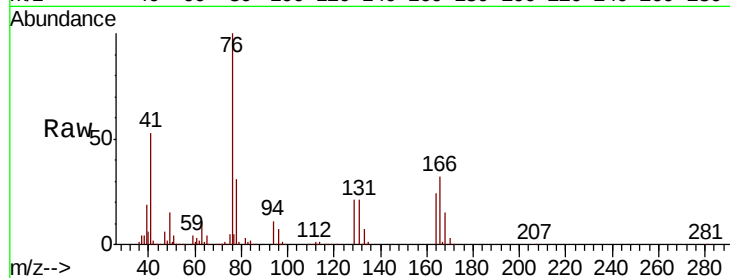




#57
 1,3-Dichloropropane
 Concen: 59.915 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

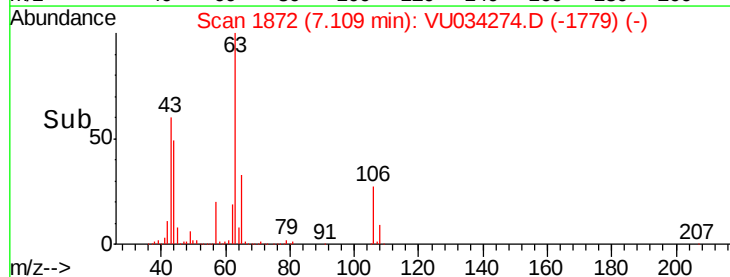
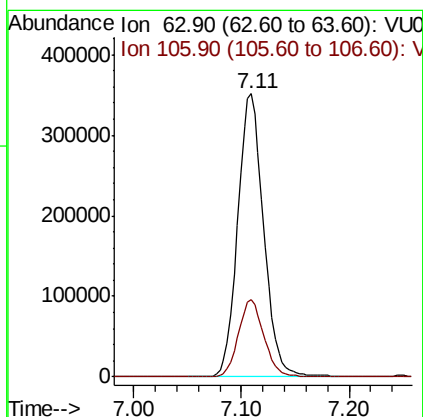
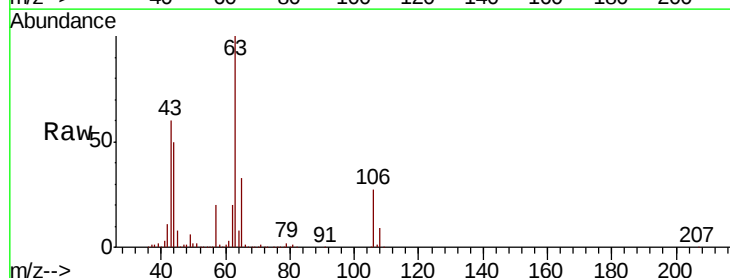
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

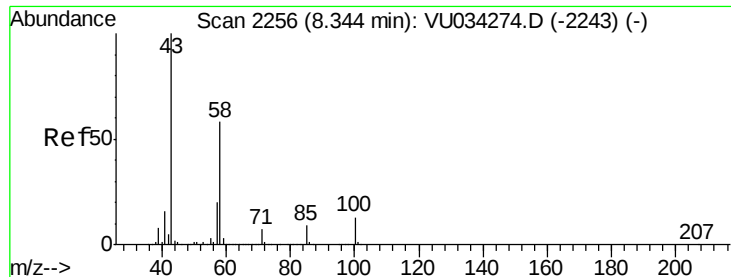
Tgt Ion: 76 Resp: 360787
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 309.086 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion: 63 Resp: 588438
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.6 32.4

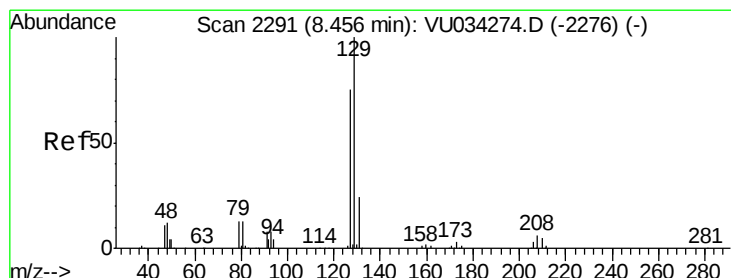
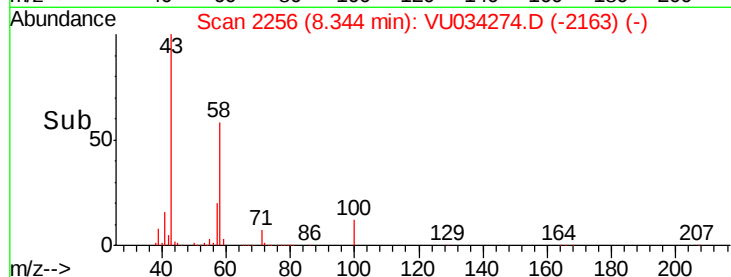
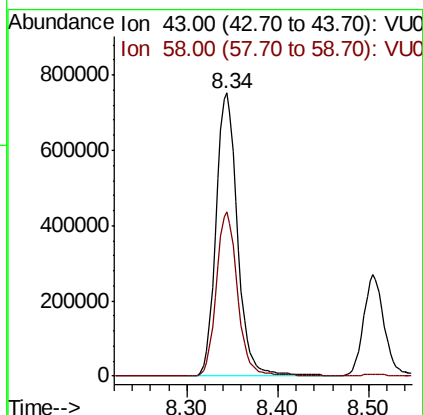
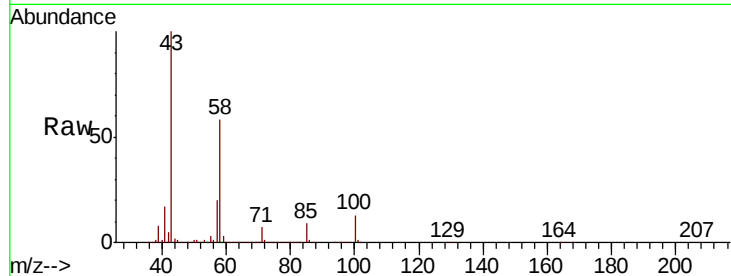




#59
2-Hexanone
Concen: 309.611 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

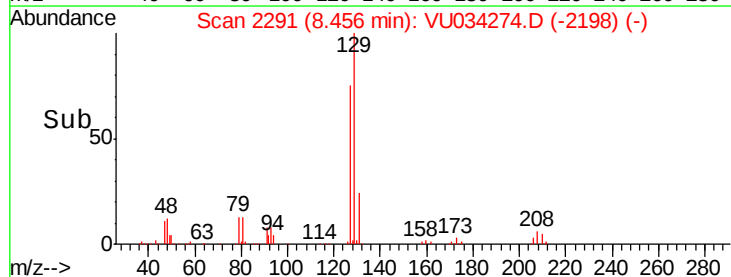
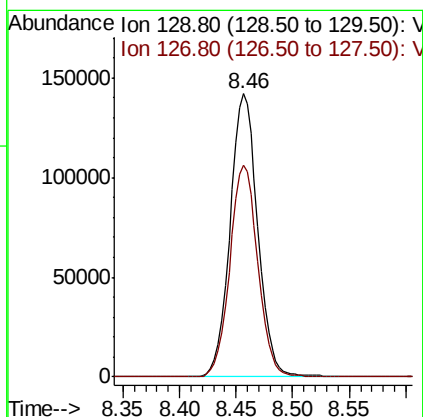
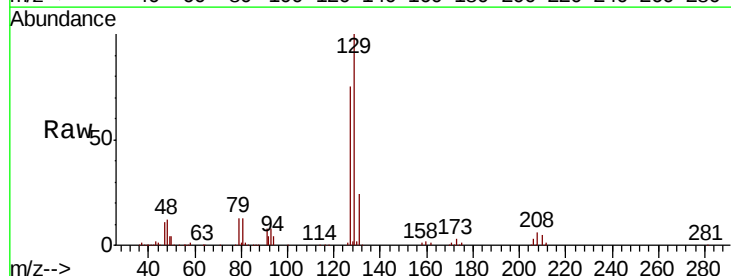
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1232632
Ion Ratio Lower Upper
43 100
58 57.7 28.8 86.5



#60
Dibromochloromethane
Concen: 62.674 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Tgt Ion: 129 Resp: 241313
Ion Ratio Lower Upper
129 100
127 75.8 37.9 113.7

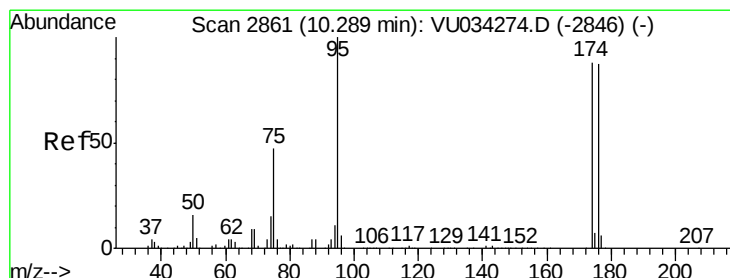
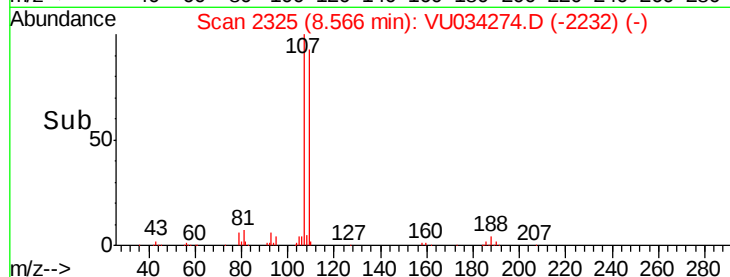
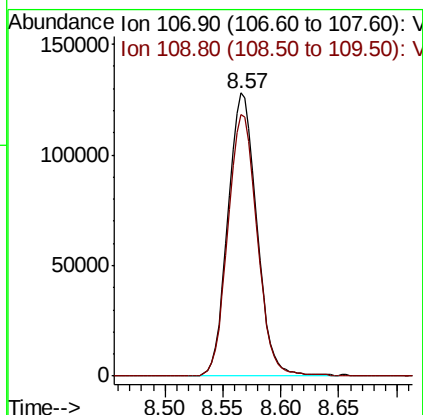
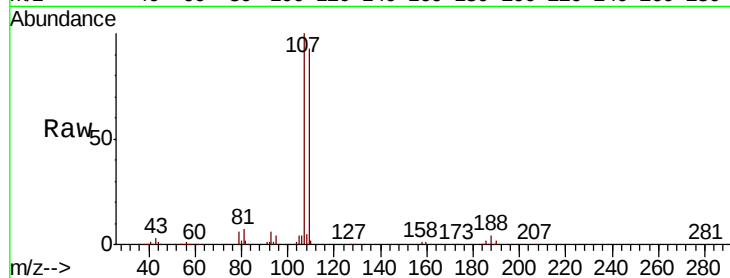




#61
 1,2-Dibromoethane
 Concen: 59.133 ug/l
 RT: 8.57 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

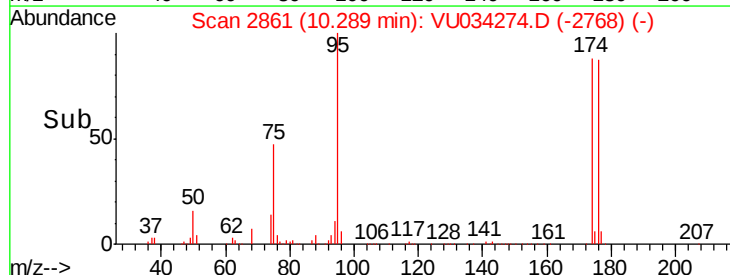
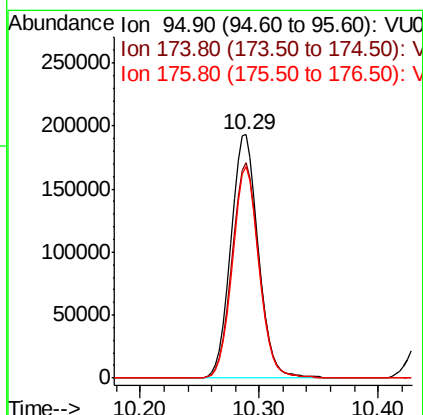
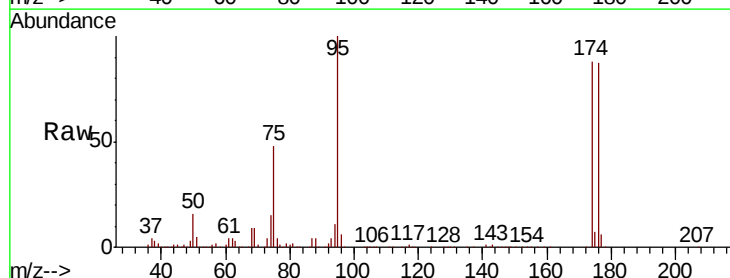
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

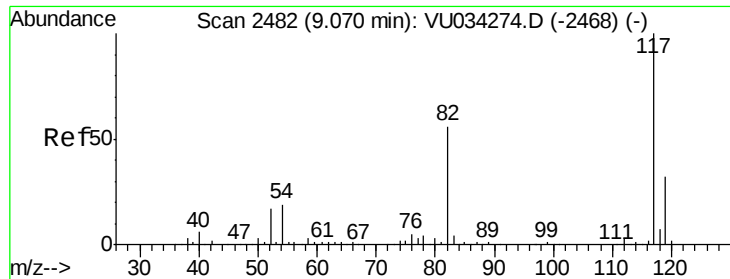
Tgt Ion: 107 Resp: 220228
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 62.395 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion: 95 Resp: 309031
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 175.2
 176 84.0 0.0 168.0

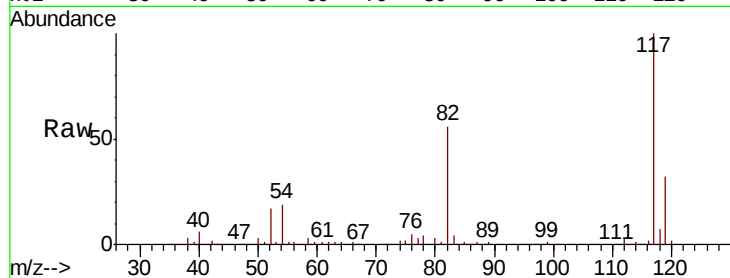




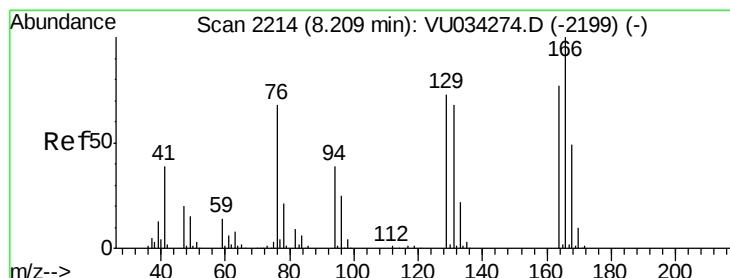
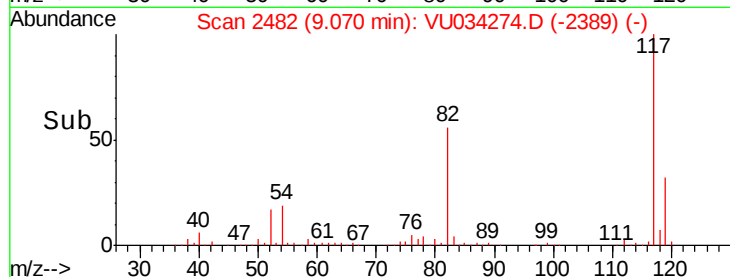
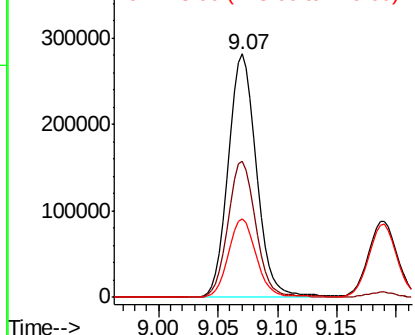
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 465011
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 32.4 25.9 38.9



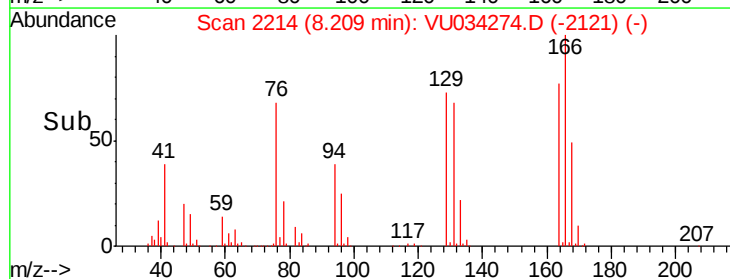
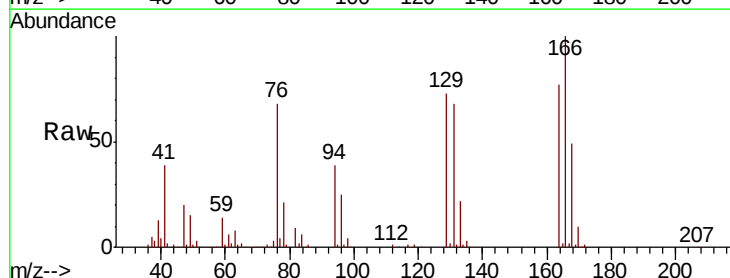
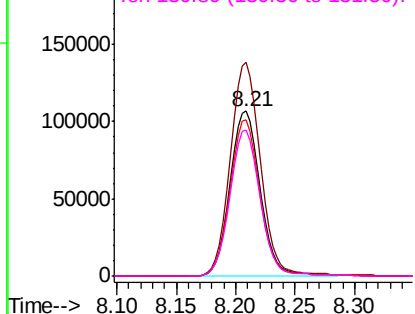
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

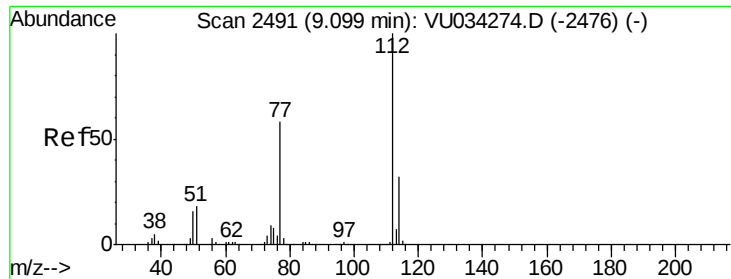


#64
Tetrachloroethene
Concen: 59.128 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Tgt Ion:164 Resp: 188511
Ion Ratio Lower Upper
164 100
166 129.6 103.7 155.5
129 94.8 75.8 113.8
131 88.4 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: 58.170 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

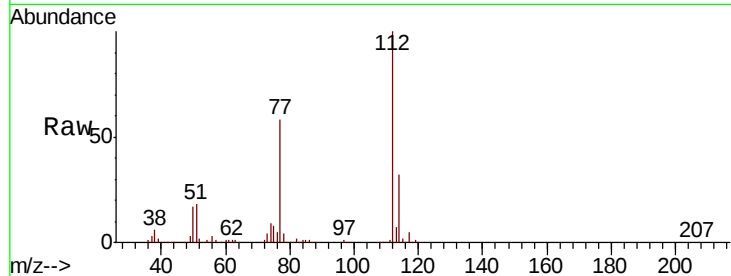
VSTDICCC050

Tgt Ion:112 Resp: 566779

Ion Ratio Lower Upper

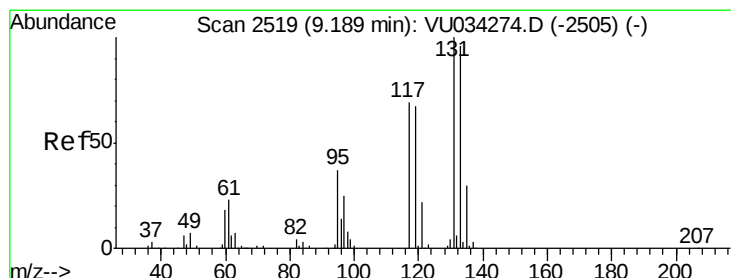
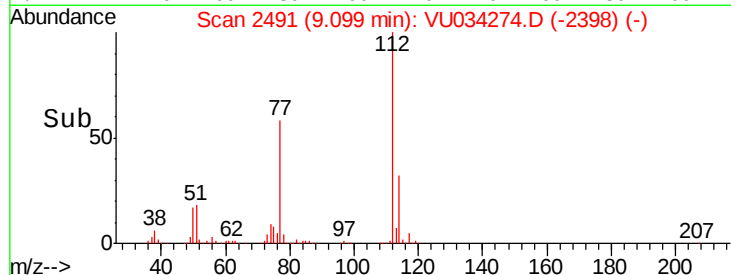
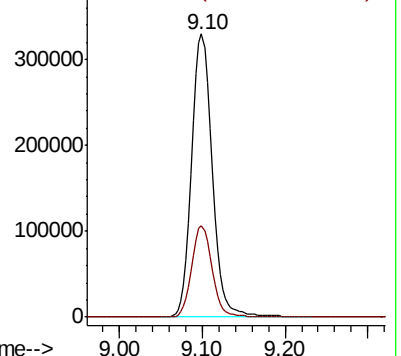
112 100

114 32.4 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 59.356 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

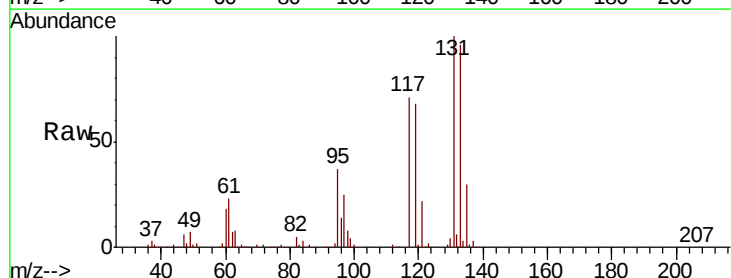
Tgt Ion:131 Resp: 211306

Ion Ratio Lower Upper

131 100

133 95.8 47.9 143.7

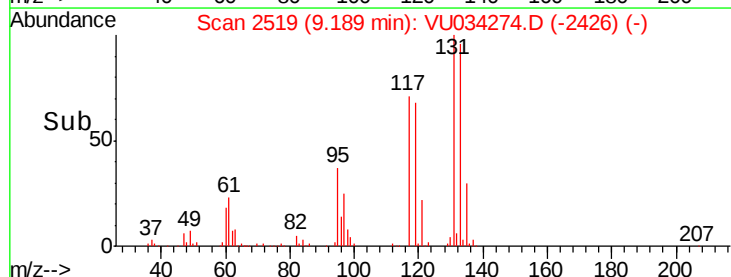
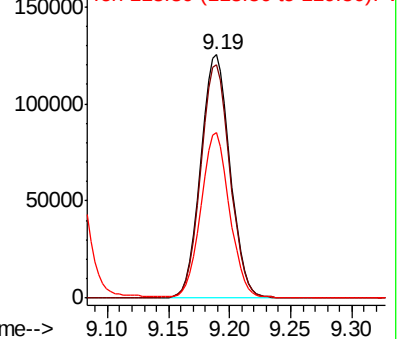
119 66.3 33.1 99.5

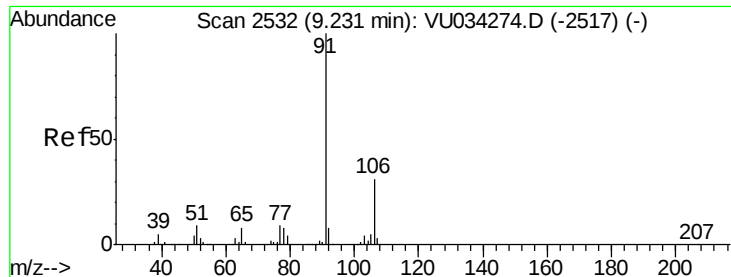


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

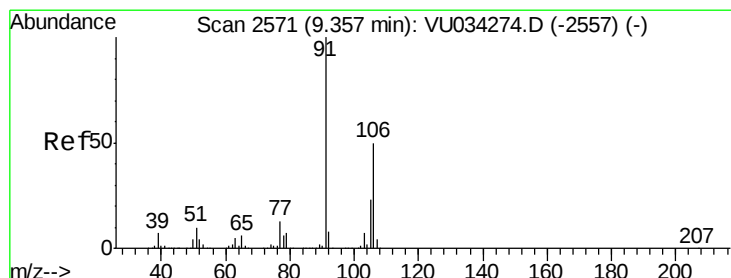
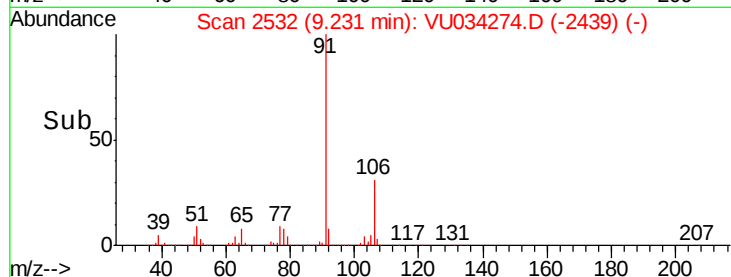
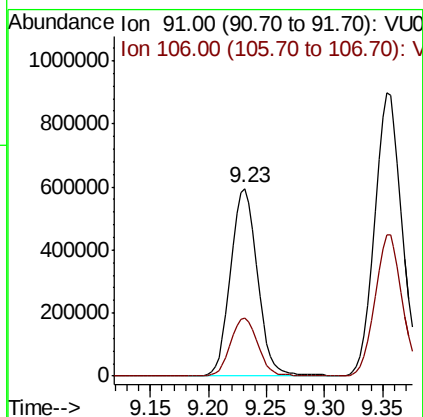
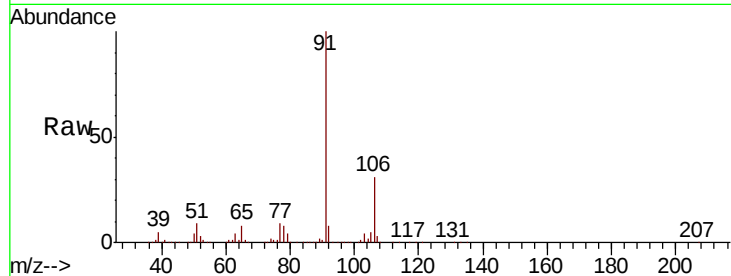




#67
Ethyl Benzene
Concen: 58.243 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

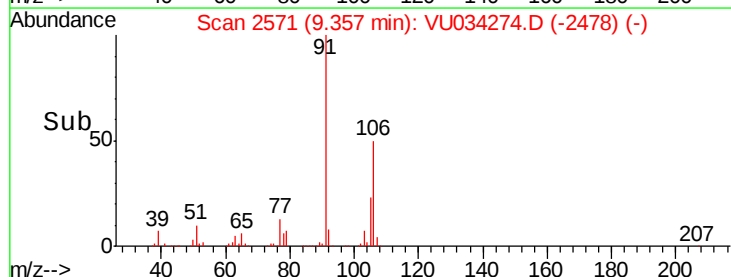
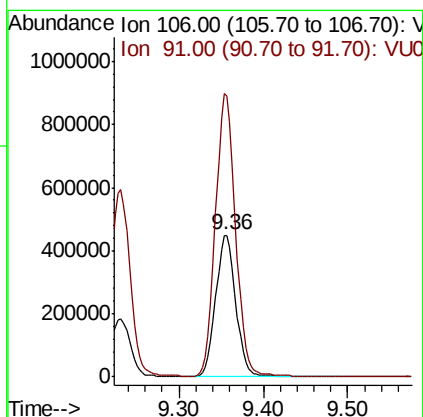
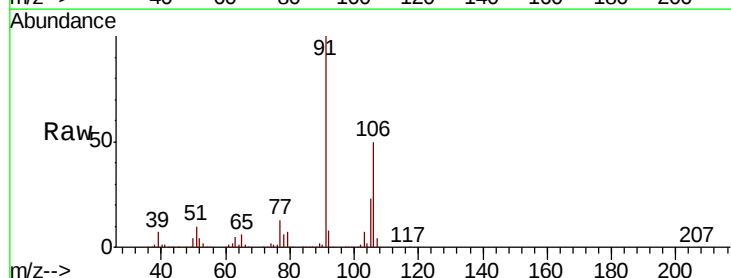
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

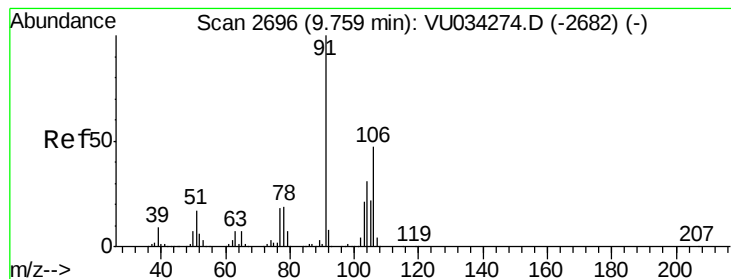
Tgt Ion: 91 Resp: 954941
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2



#68
m/p-Xylenes
Concen: 119.290 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Tgt Ion: 106 Resp: 746437
Ion Ratio Lower Upper
106 100
91 200.1 160.1 240.1





#69

o-Xylene

Concen: 60.211 ug/l

RT: 9.76 min Scan# 2696

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

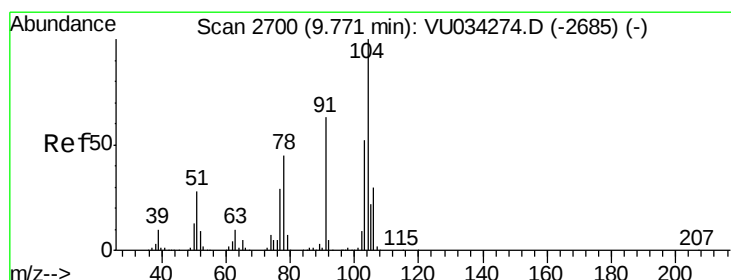
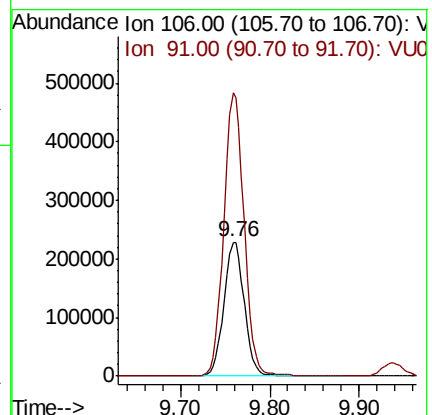
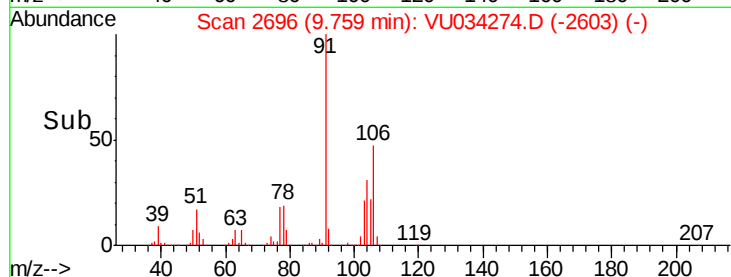
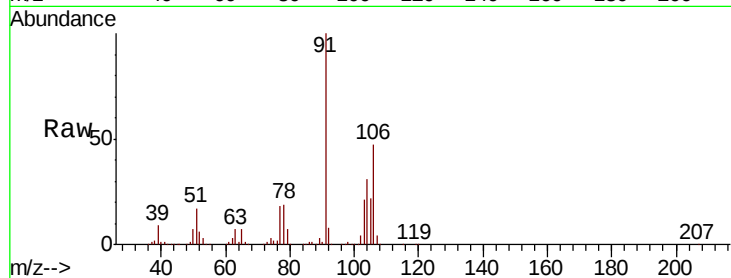
VSTDICCC050

Tgt Ion:106 Resp: 361881

Ion Ratio Lower Upper

106 100

91 210.2 105.1 315.3



#70

Styrene

Concen: 62.583 ug/l

RT: 9.77 min Scan# 2700

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

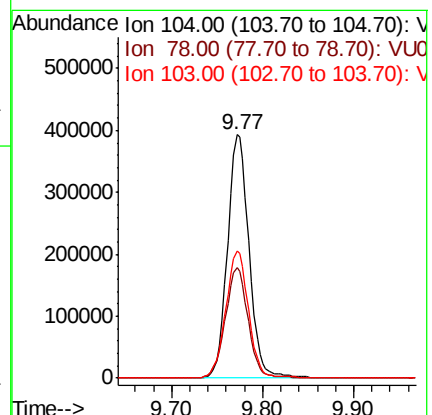
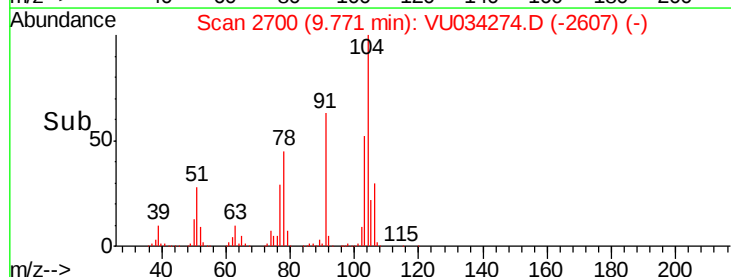
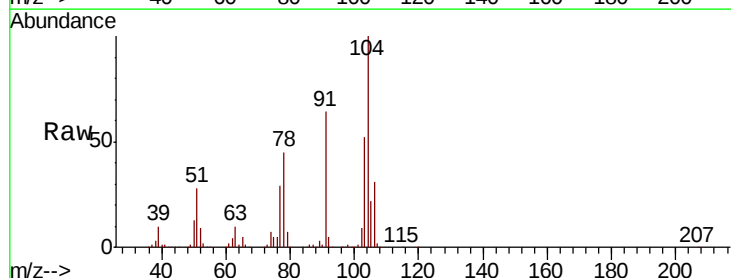
Tgt Ion:104 Resp: 648398

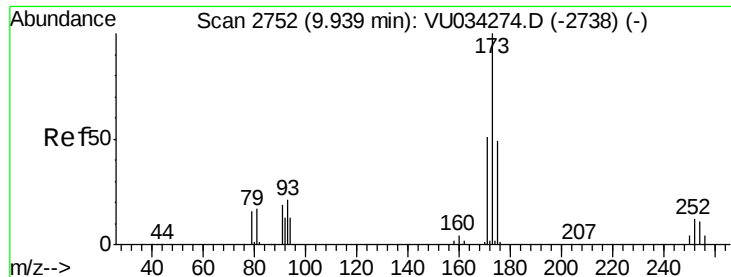
Ion Ratio Lower Upper

104 100

78 48.2 38.6 57.8

103 55.3 44.2 66.4





#71

Bromoform

Concen: 60.372 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

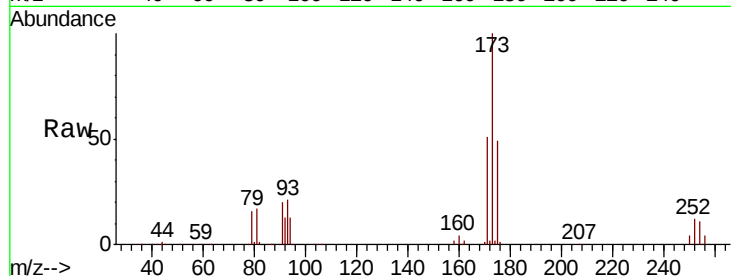
Tgt Ion:173 Resp: 187340

Ion Ratio Lower Upper

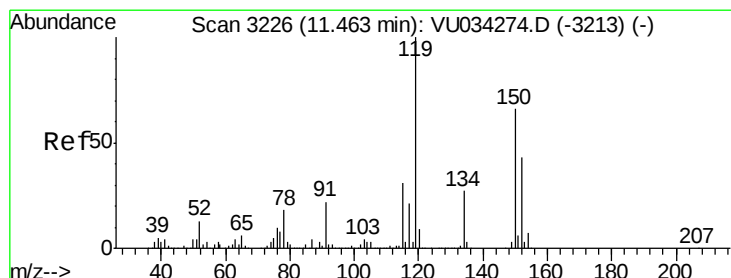
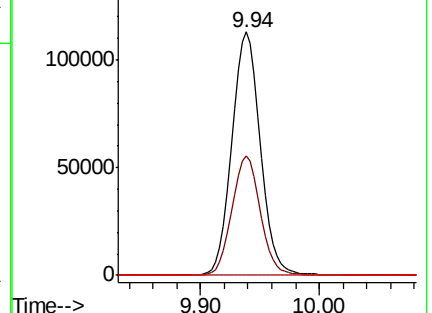
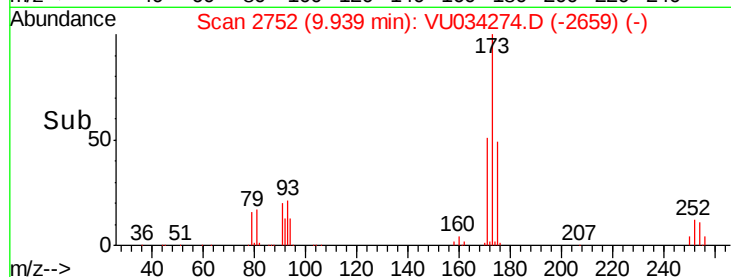
173 100

175 48.8 24.4 73.2

254 0.0 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# 3226

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

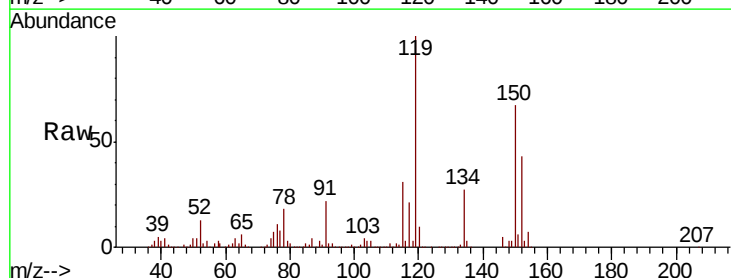
Tgt Ion:152 Resp: 308387

Ion Ratio Lower Upper

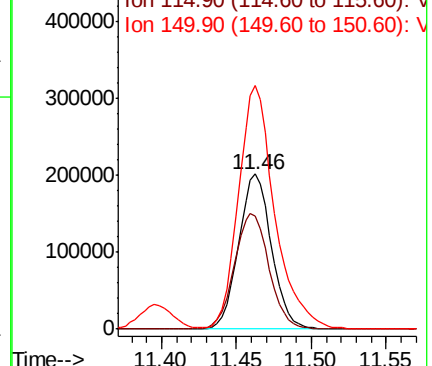
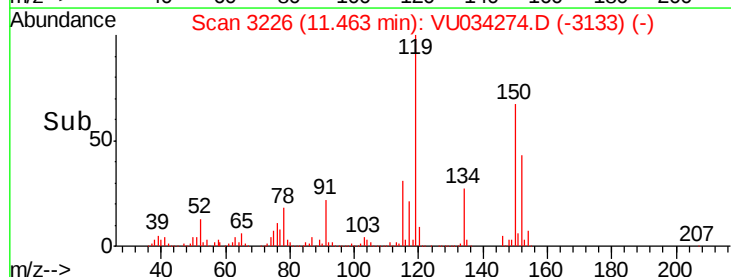
152 100

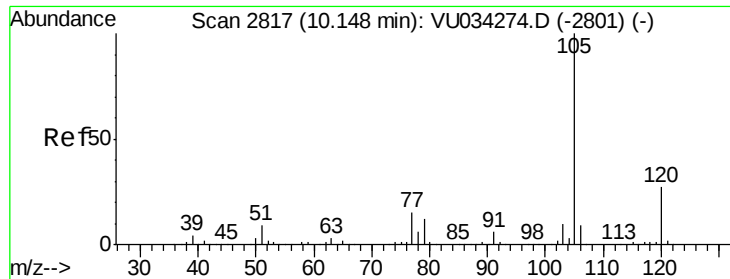
115 78.2 39.1 117.3

150 172.7 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: 49.024 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

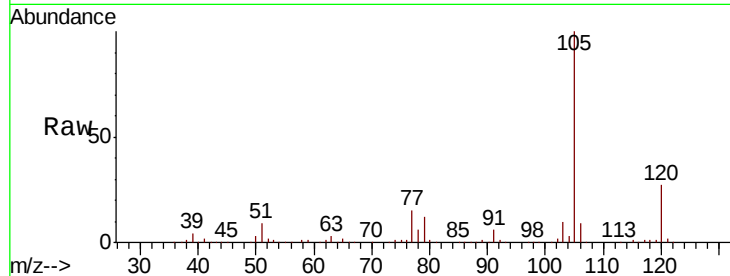
VSTDICCC050

Tgt Ion: 105 Resp: 990023

Ion Ratio Lower Upper

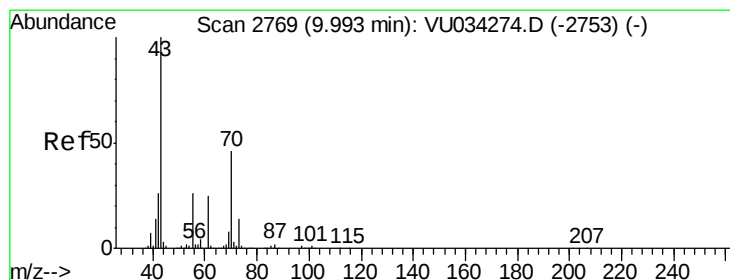
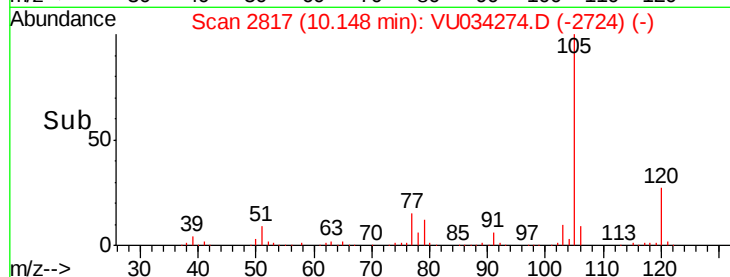
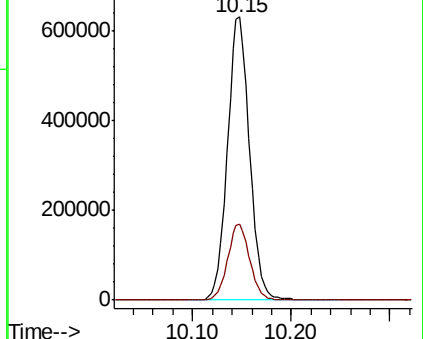
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.606 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Tgt Ion: 43 Resp: 418149

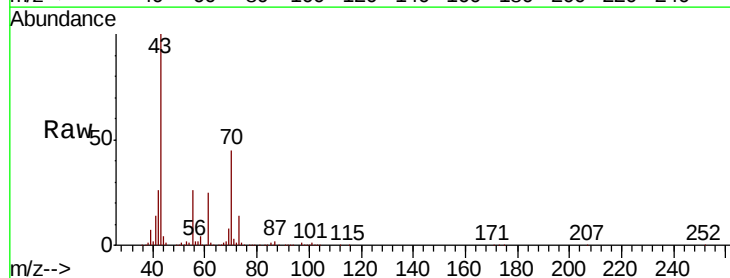
Ion Ratio Lower Upper

43 100

70 45.5 36.4 54.6

55 26.5 21.2 31.8

61 25.5 20.4 30.6

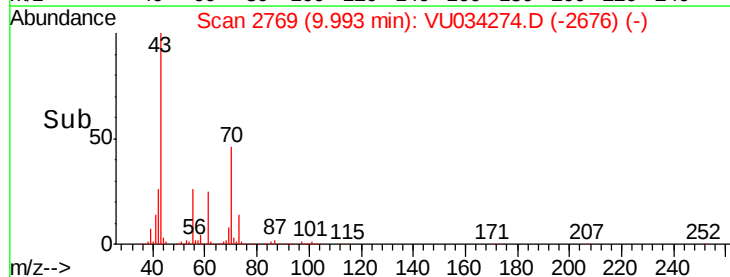
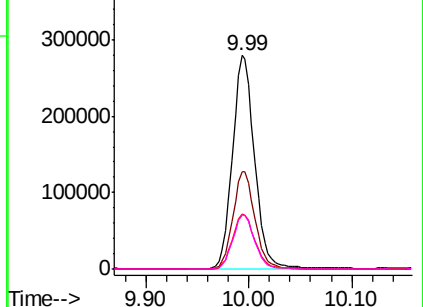


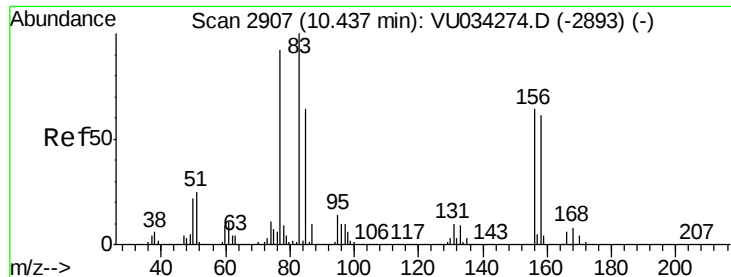
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.315 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

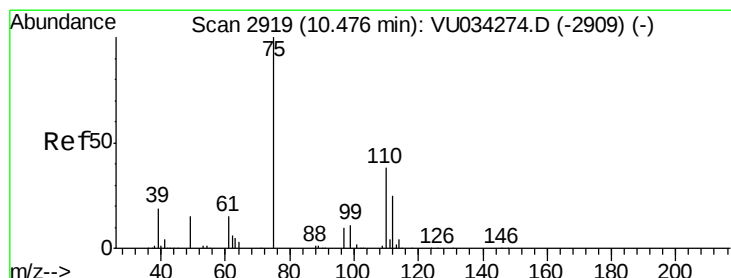
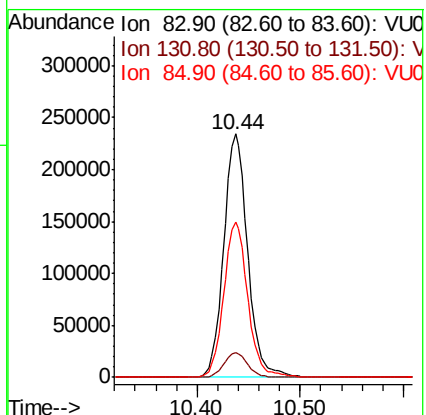
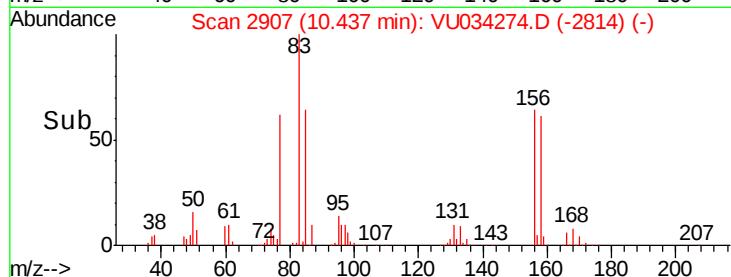
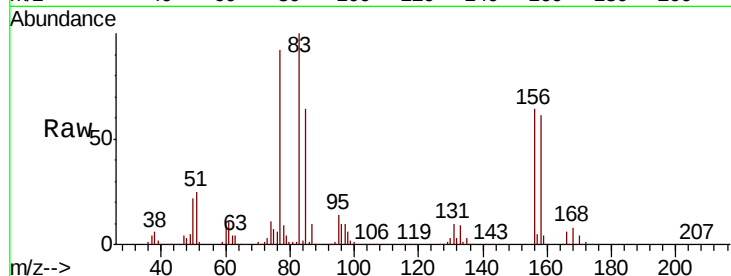
Tgt Ion: 83 Resp: 377741

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 61.011 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034274.D

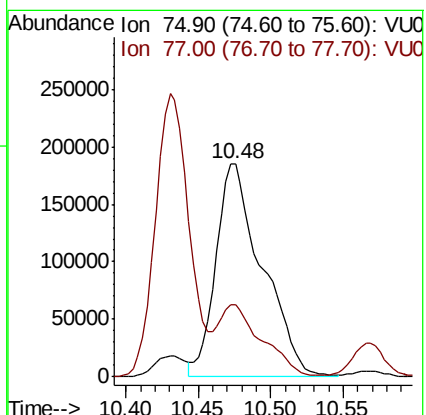
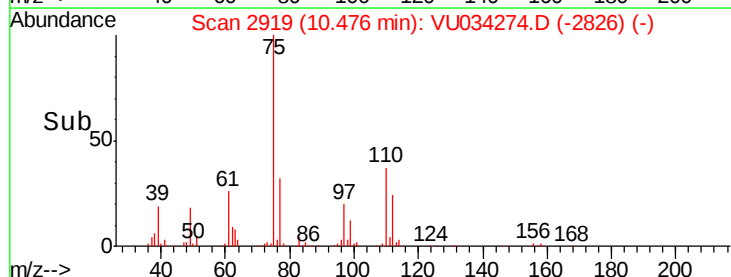
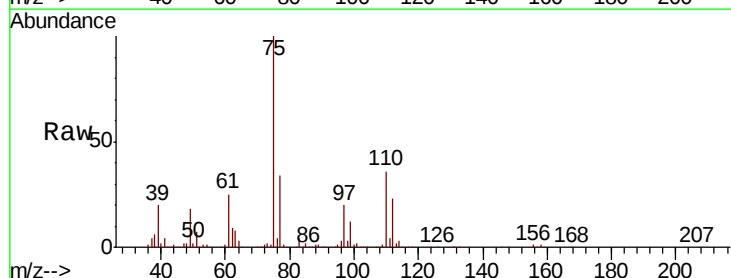
Acq: 05 Sep 2019 10:23

Tgt Ion: 75 Resp: 410484

Ion Ratio Lower Upper

75 100

77 31.5 20.8 62.2





#77

Bromobenzene

Concen: 48.766 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

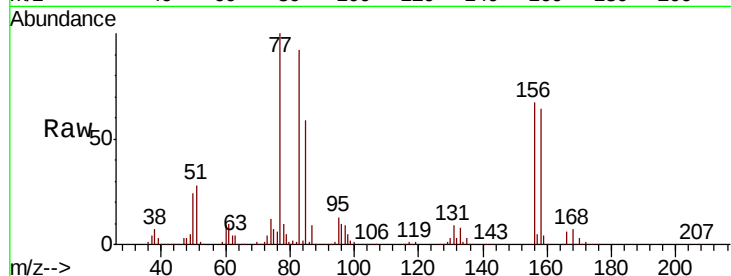
Tgt Ion:156 Resp: 267206

Ion Ratio Lower Upper

156 100

77 151.3 75.6 226.9

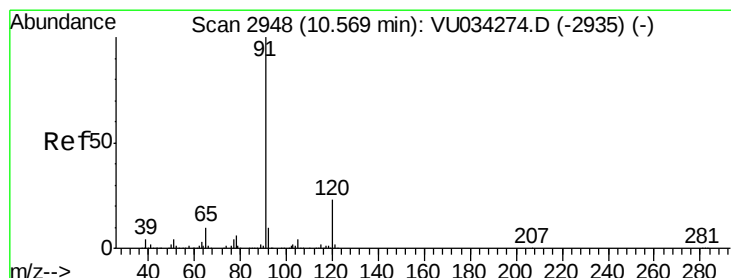
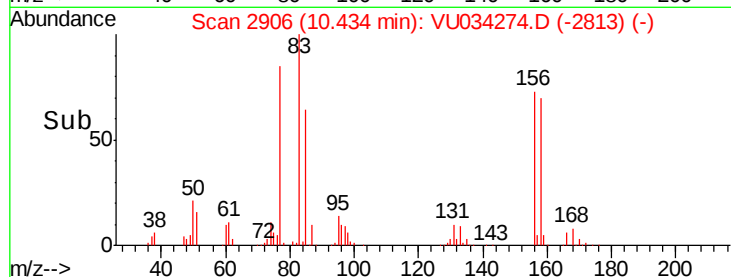
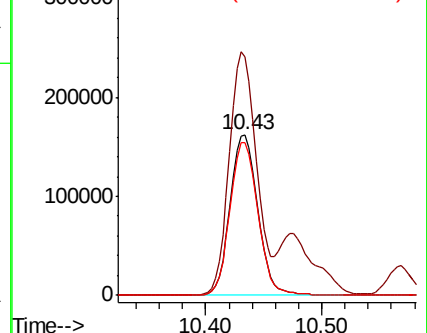
158 96.4 48.2 144.6



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: 49.191 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034274.D

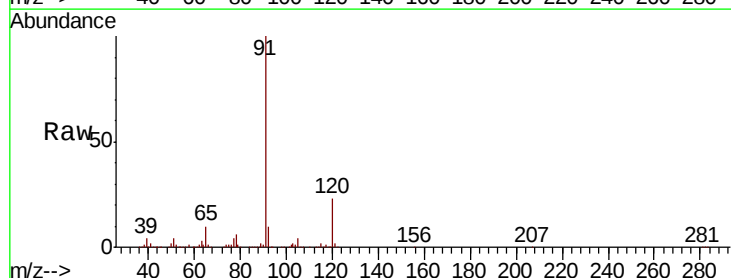
Acq: 05 Sep 2019 10:23

Tgt Ion: 91 Resp: 1157695

Ion Ratio Lower Upper

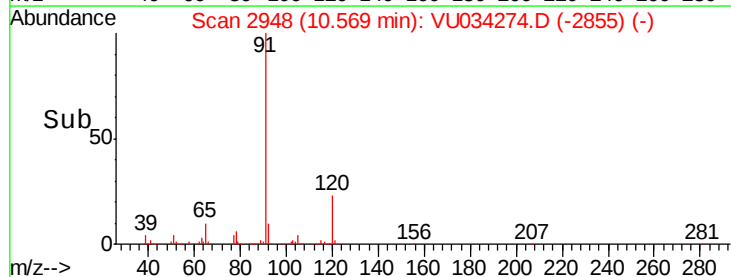
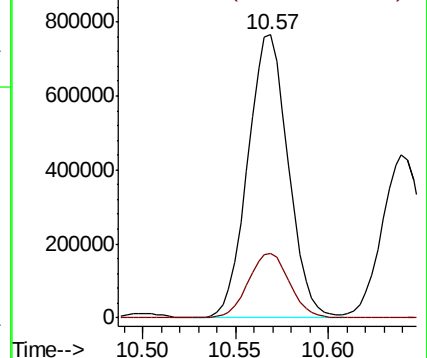
91 100

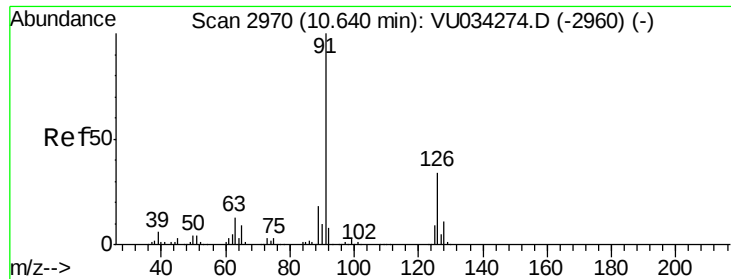
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.635 ug/l

RT: 10.64 min Scan# 2970

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

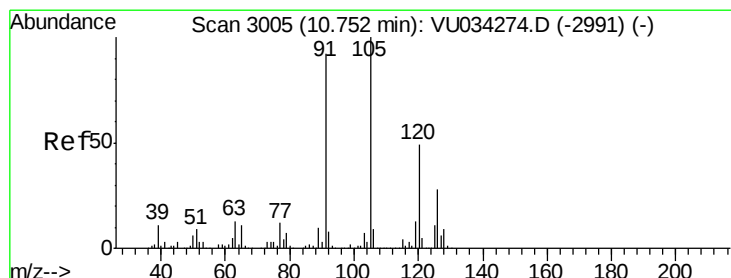
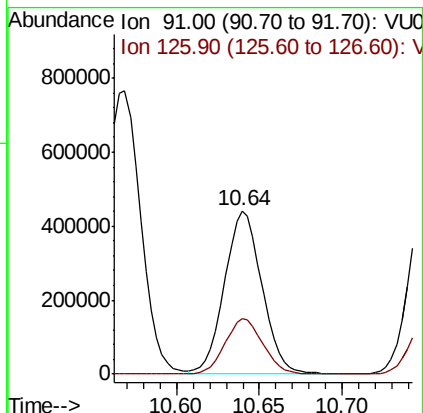
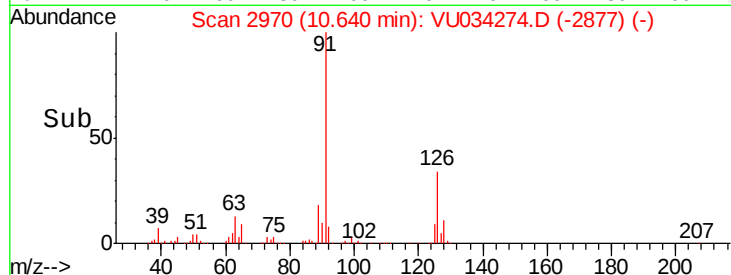
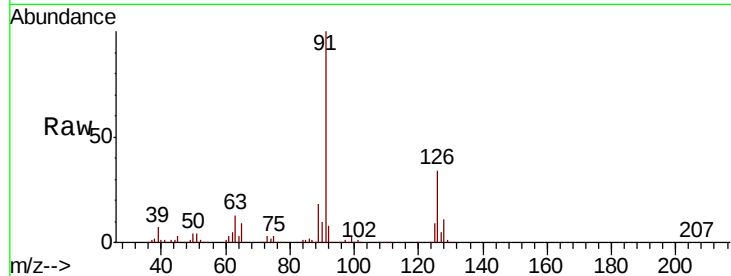
VSTDICCC050

Tgt Ion: 91 Resp: 687540

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 50.244 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU034274.D

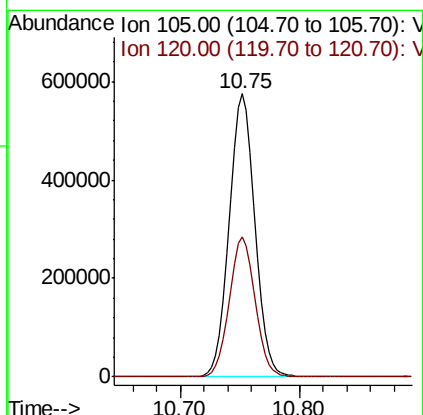
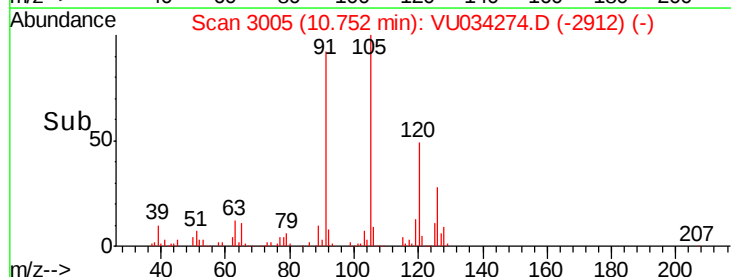
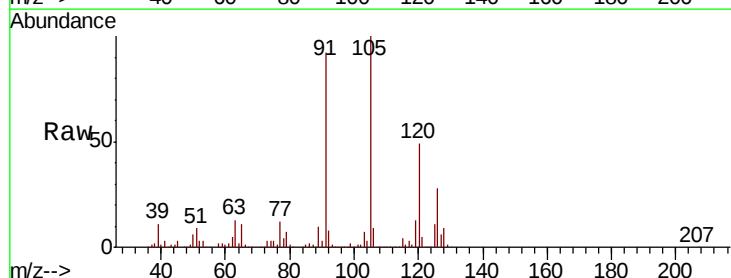
Acq: 05 Sep 2019 10:23

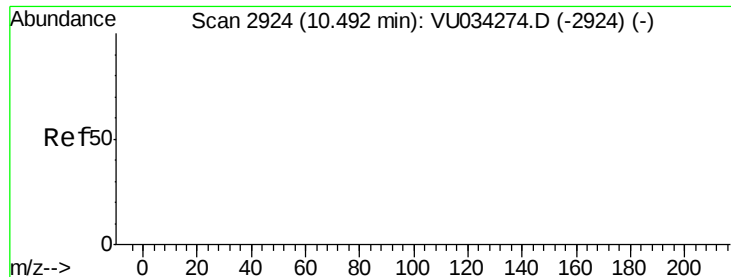
Tgt Ion: 105 Resp: 860368

Ion Ratio Lower Upper

105 100

120 49.8 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 202.834 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.02 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

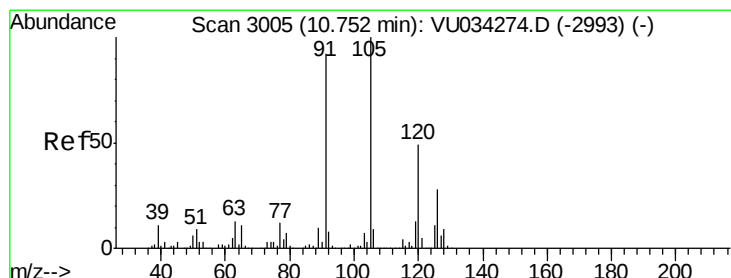
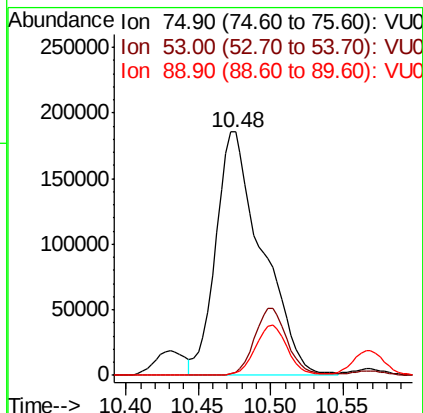
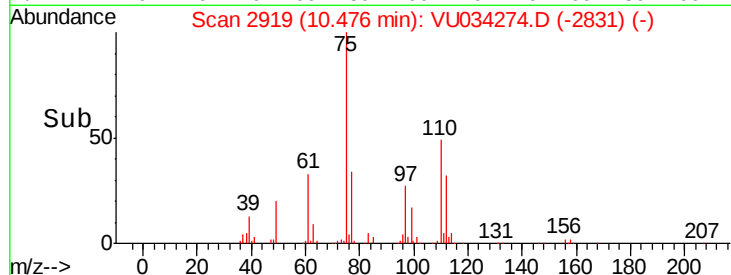
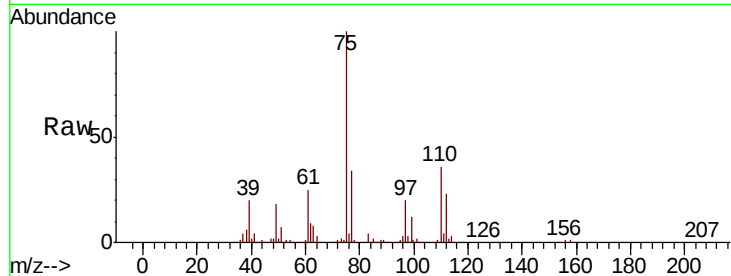
Tgt Ion: 75 Resp: 411879

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 49.350 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU034274.D

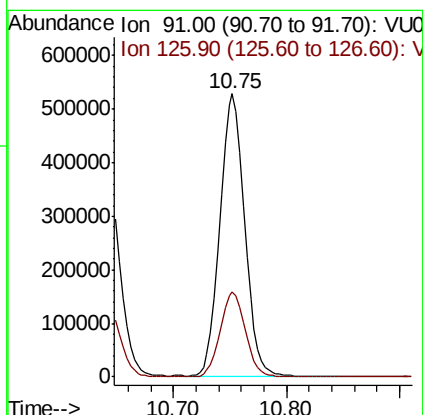
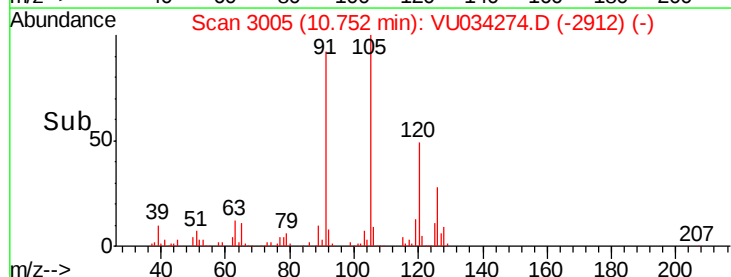
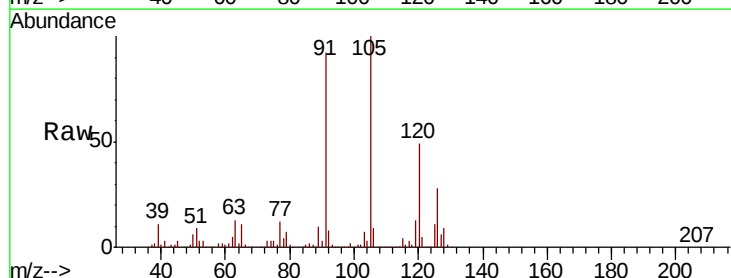
Acq: 05 Sep 2019 10:23

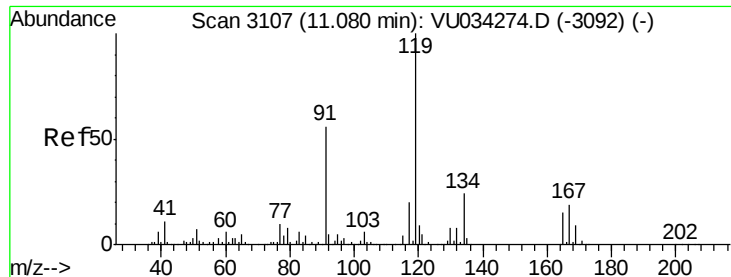
Tgt Ion: 91 Resp: 804407

Ion Ratio Lower Upper

91 100

126 30.5 15.3 45.8

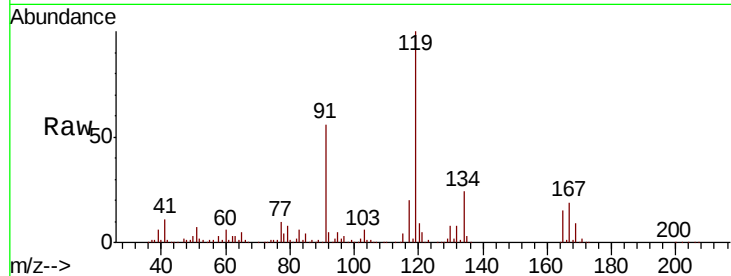




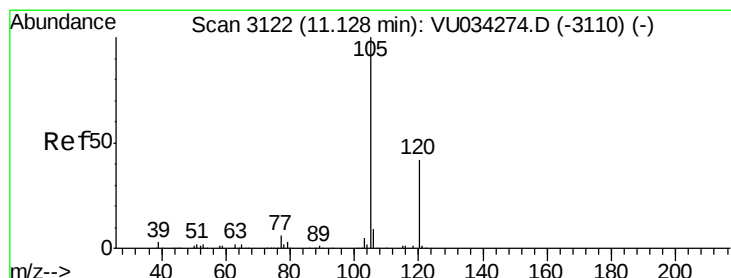
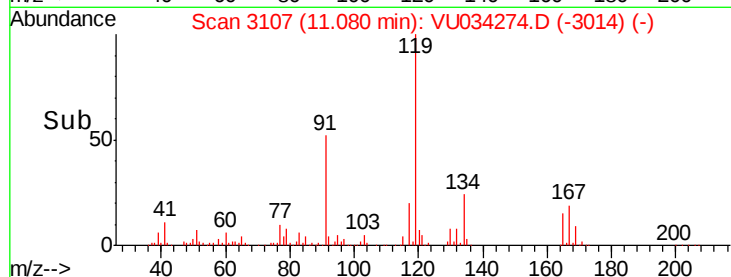
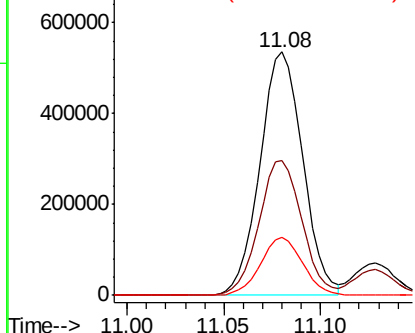
#83
 tert-Butylbenzene
 Concen: 48.979 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 825965
 Ion Ratio Lower Upper
 119 100
 91 55.6 27.8 83.4
 134 23.3 11.7 35.0

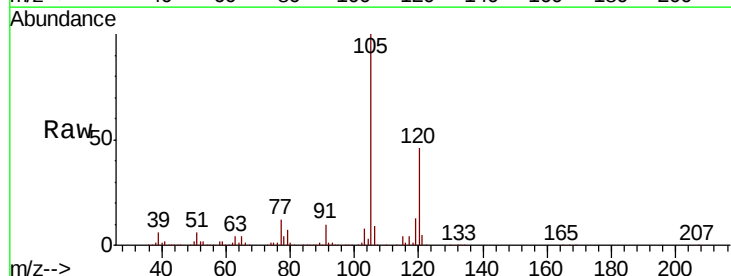


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU
 Ion 134.00 (133.70 to 134.70): V

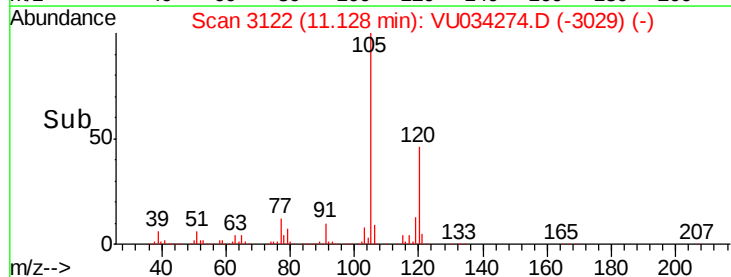
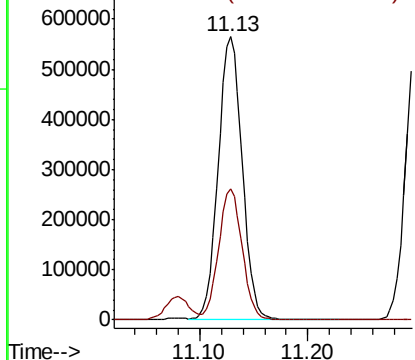


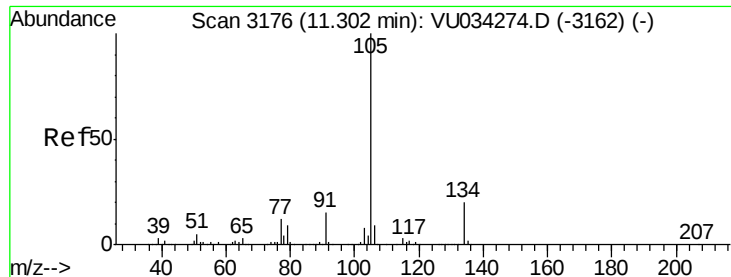
#84
 1,2,4-Trimethylbenzene
 Concen: 51.028 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion:105 Resp: 867775
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8



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

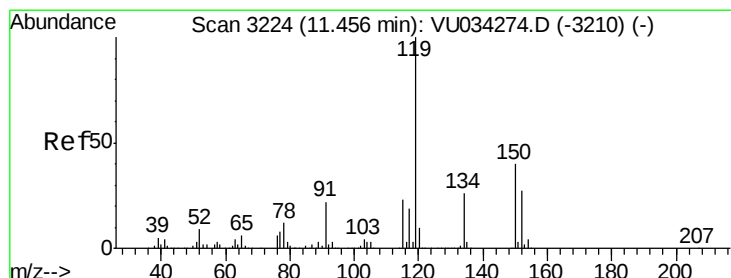
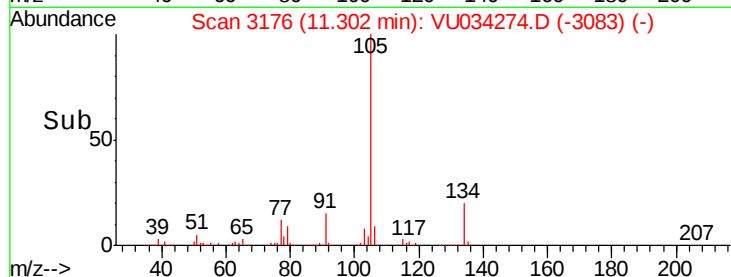
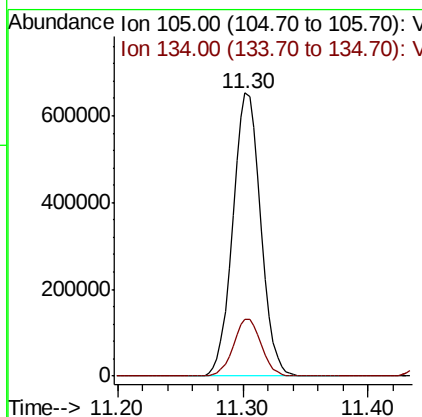
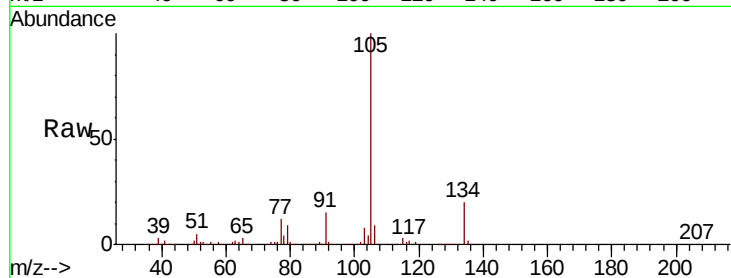




#85
 sec-Butylbenzene
 Concen: 49.656 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

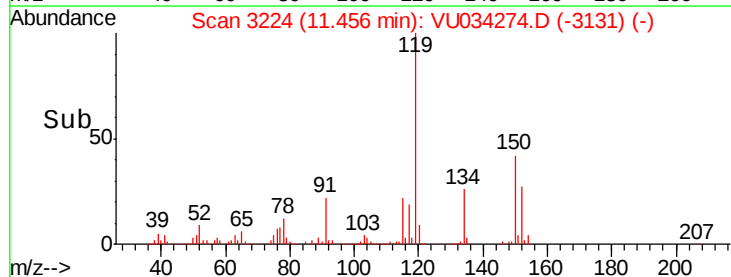
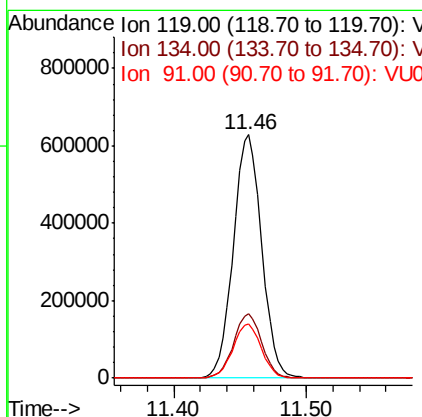
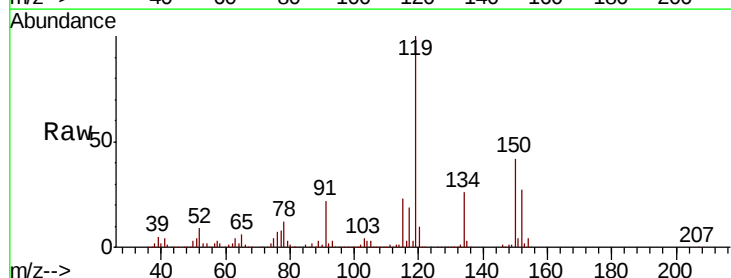
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 1003927
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.863 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion:119 Resp: 930826
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.4 11.2 33.6

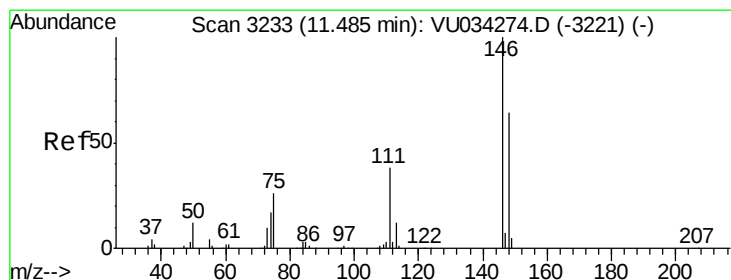
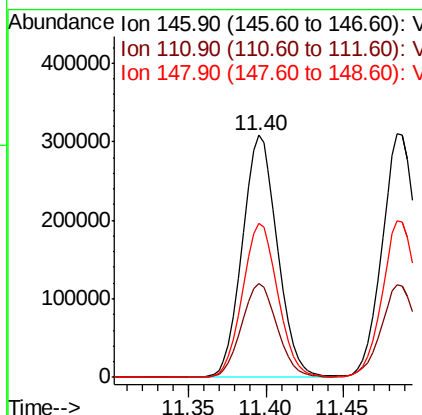
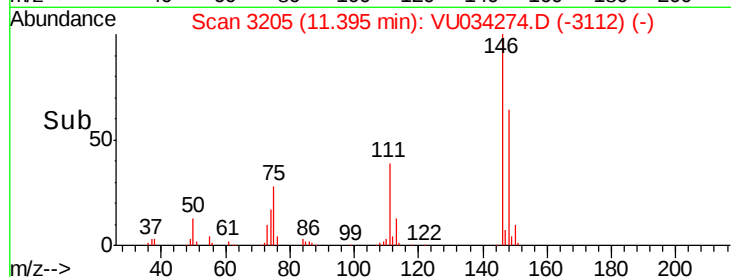
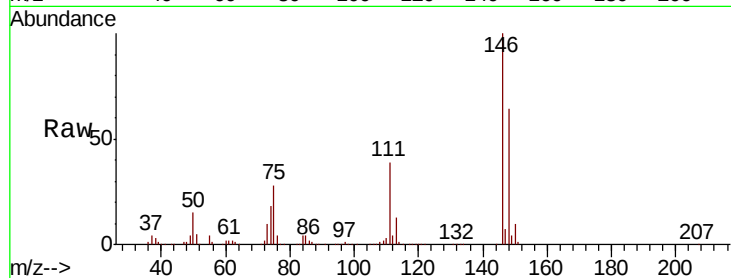




#87
 1,3-Dichlorobenzene
 Concen: 50.069 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

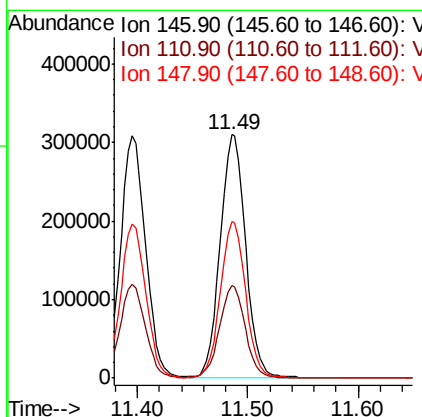
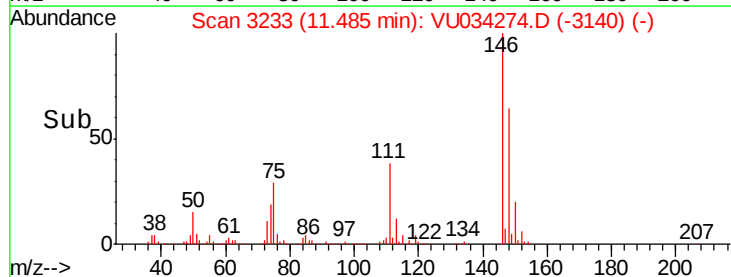
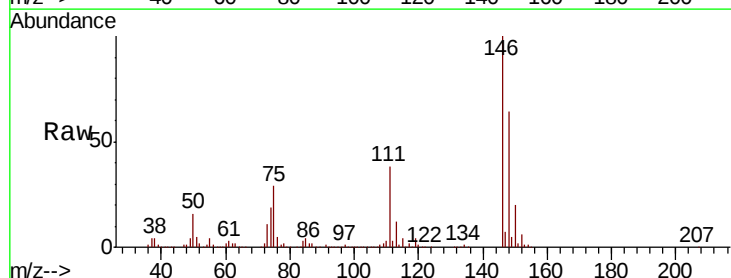
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

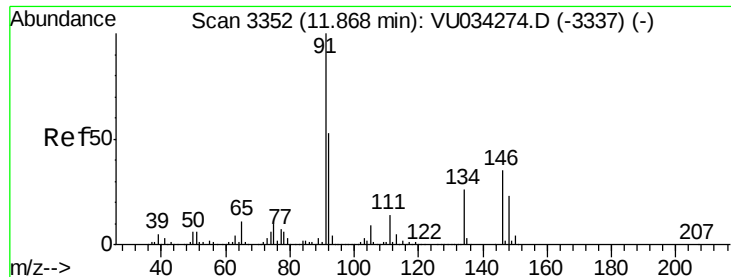
Tgt Ion:146 Resp: 487461
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.5 58.5
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.097 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion:146 Resp: 494875
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.3
 148 64.0 32.0 96.0





#89

n-Butylbenzene

Concen: 51.730 ug/l

RT: 11.87 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

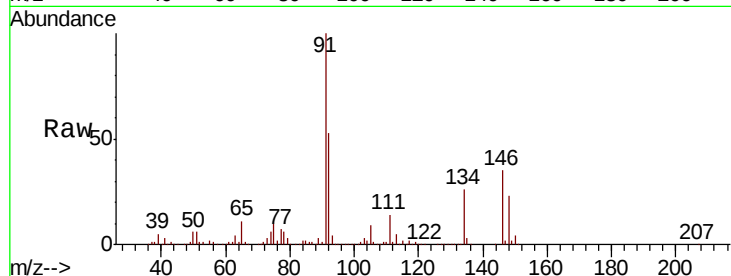
Tgt Ion: 91 Resp: 833457

Ion Ratio Lower Upper

91 100

92 52.9 26.5 79.4

134 26.4 13.2 39.6

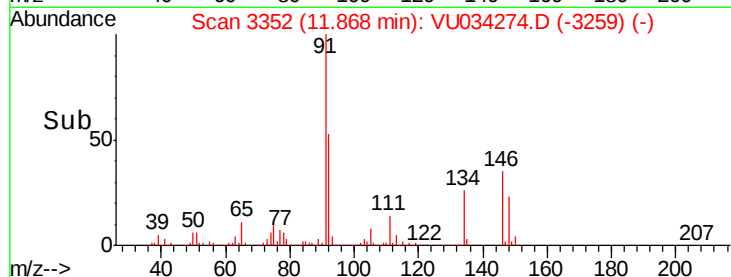


Abundance Ion 91.00 (90.70 to 91.70): VU034274.D (-3337) (-)

Ion 92.00 (91.70 to 92.70): VU034274.D (-3337) (-)

Ion 134.00 (133.70 to 134.70): VU034274.D (-3337) (-)

Time-->

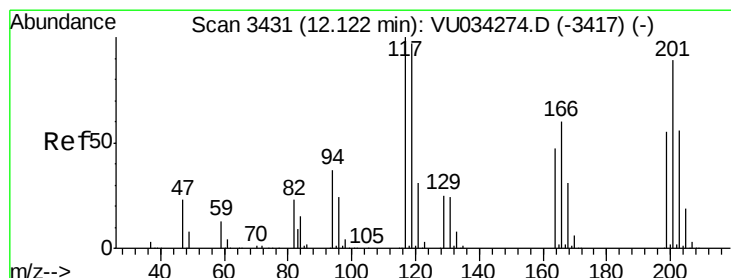


Abundance Ion 91.00 (90.70 to 91.70): VU034274.D (-3259) (-)

Ion 92.00 (91.70 to 92.70): VU034274.D (-3259) (-)

Ion 134.00 (133.70 to 134.70): VU034274.D (-3259) (-)

Time-->



#90

Hexachloroethane

Concen: 44.490 ug/l

RT: 12.12 min Scan# 3431

Delta R.T. 0.00 min

Lab File: VU034274.D

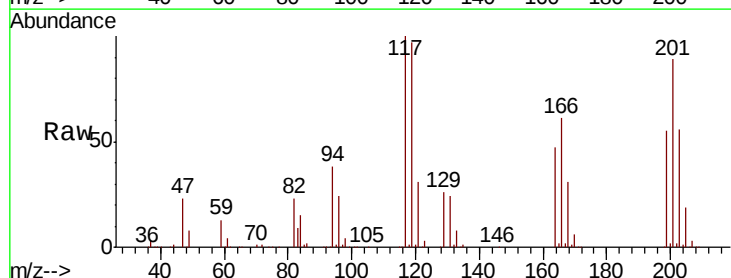
Acq: 05 Sep 2019 10:23

Tgt Ion: 117 Resp: 139227

Ion Ratio Lower Upper

117 100

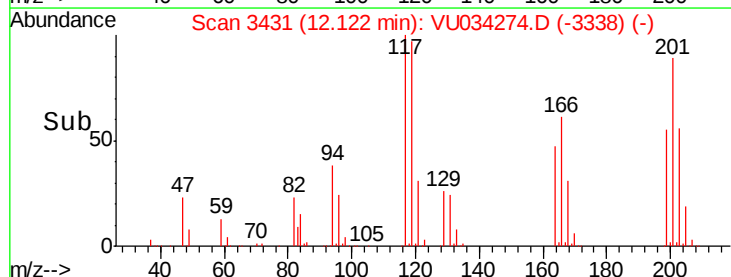
201 88.3 44.1 132.4



Abundance Ion 116.80 (116.50 to 117.50): VU034274.D (-3417) (-)

Ion 200.70 (200.40 to 201.40): VU034274.D (-3417) (-)

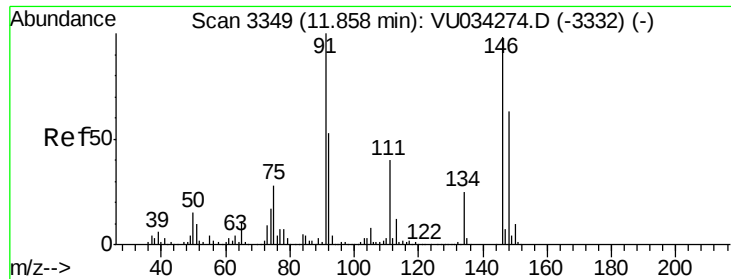
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VU034274.D (-3338) (-)

Ion 200.70 (200.40 to 201.40): VU034274.D (-3338) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 51.871 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

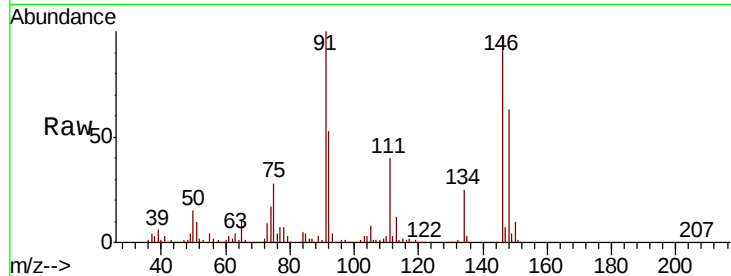
Tgt Ion:146 Resp: 485392

Ion Ratio Lower Upper

146 100

111 40.0 20.0 60.0

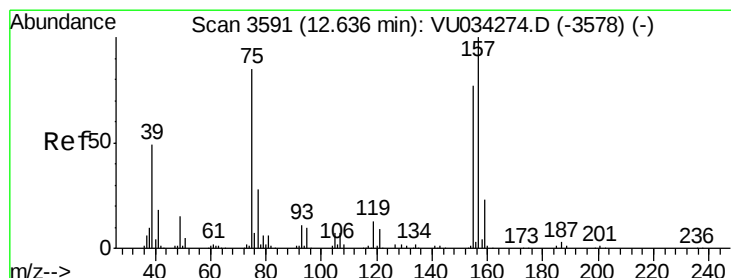
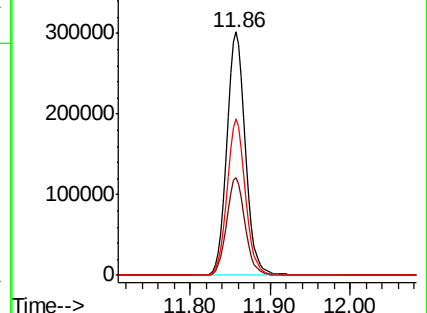
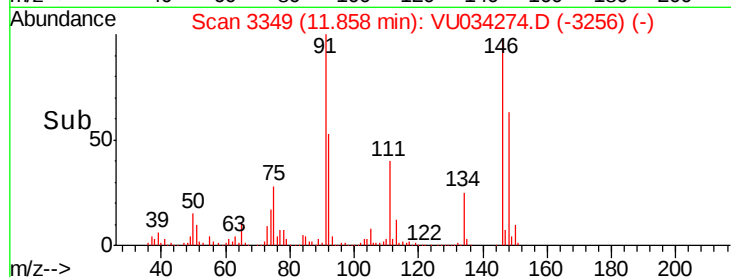
148 63.2 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.952 ug/l

RT: 12.64 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VU034274.D

Acq: 05 Sep 2019 10:23

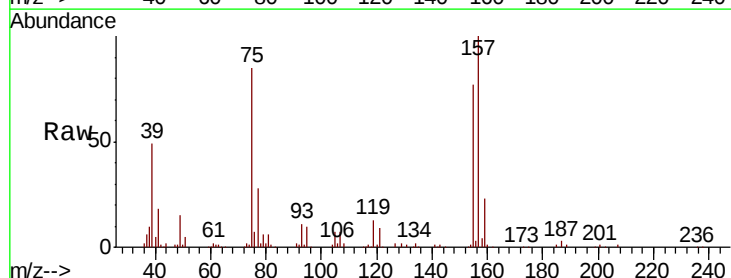
Tgt Ion: 75 Resp: 77340

Ion Ratio Lower Upper

75 100

155 89.3 44.6 134.0

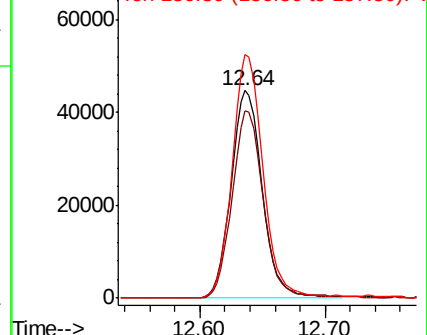
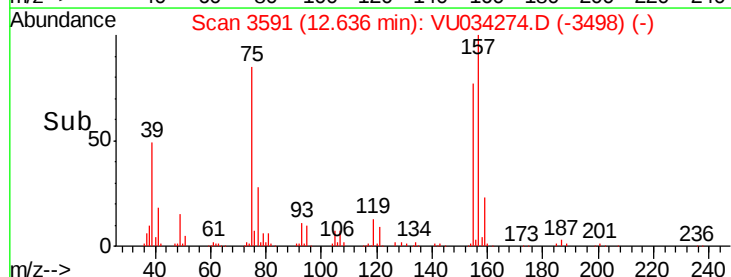
157 116.4 58.2 174.6

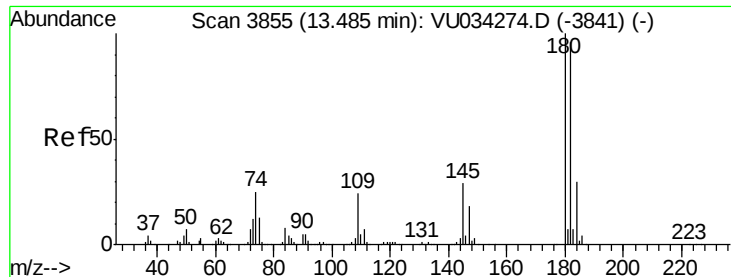


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

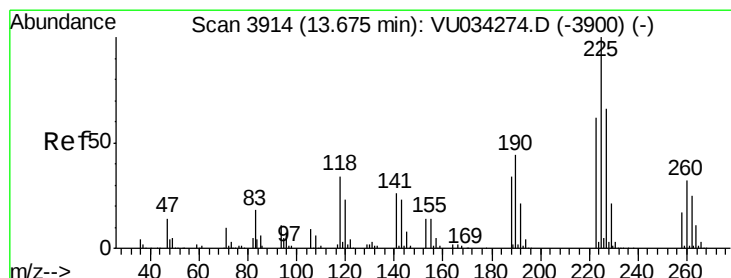
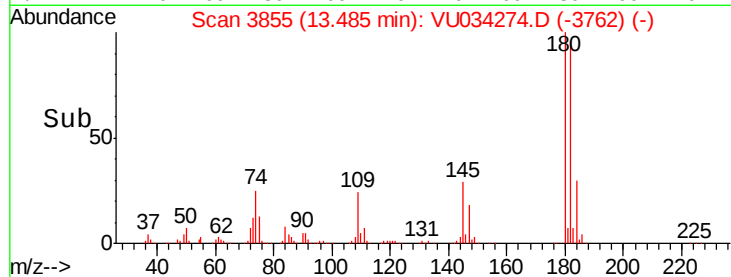
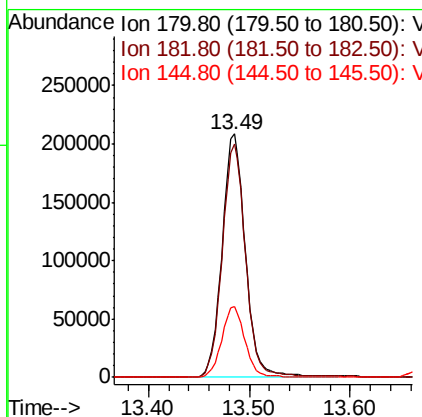
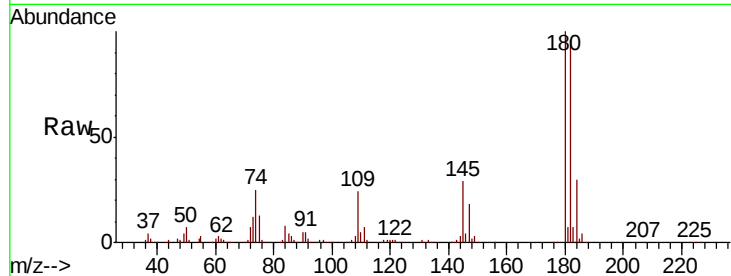




#93
 1,2,4-Trichlorobenzene
 Concen: 59.196 ug/l
 RT: 13.49 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

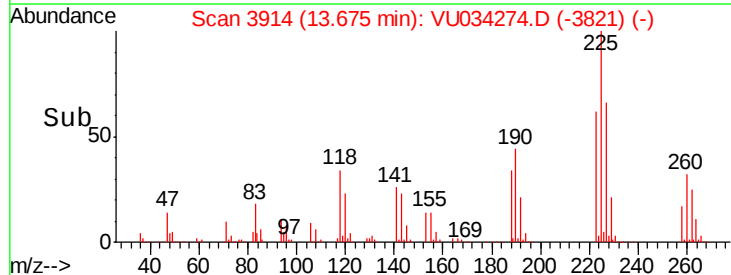
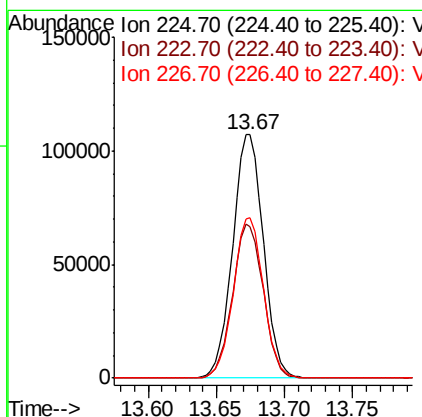
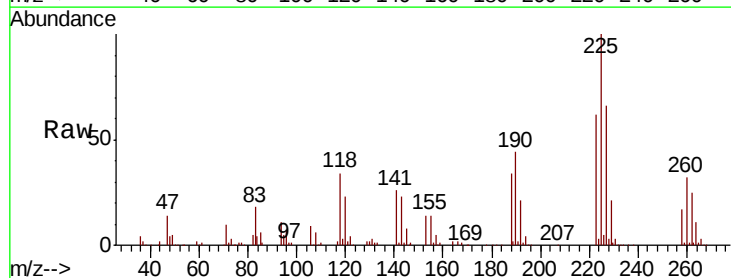
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

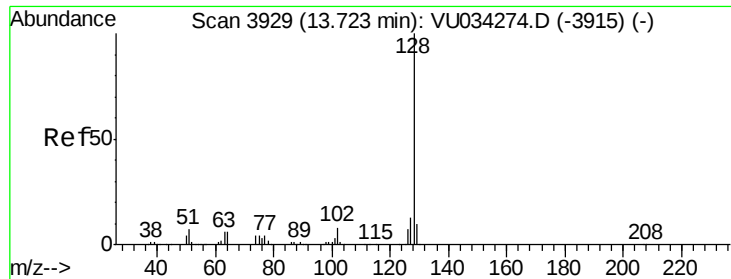
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.9	143.8
145	28.7	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 46.652 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU034274.D
 Acq: 05 Sep 2019 10:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.6	94.7
227	64.5	32.3	96.8

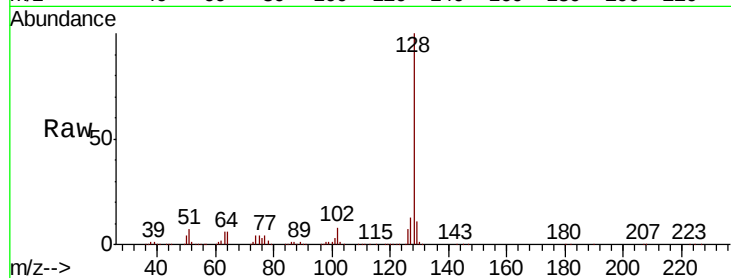




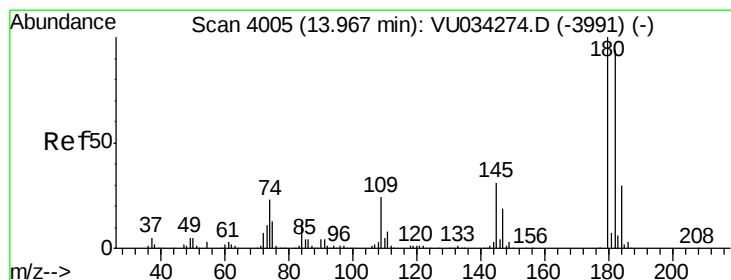
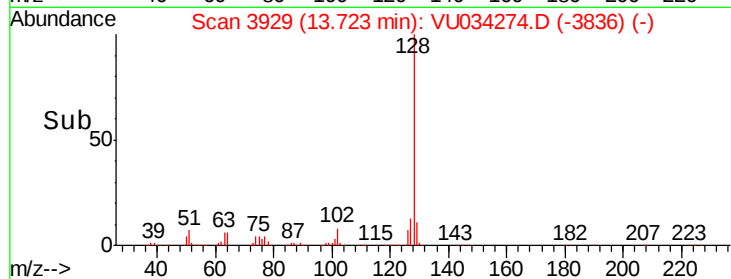
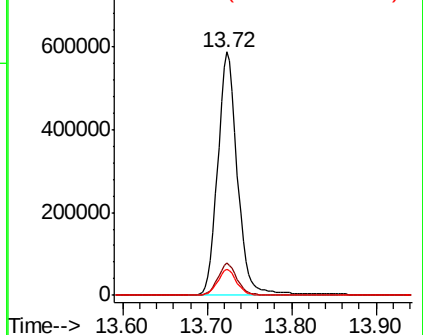
#95
Naphthalene
Concen: 60.882 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 960641
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.5 8.4 12.6

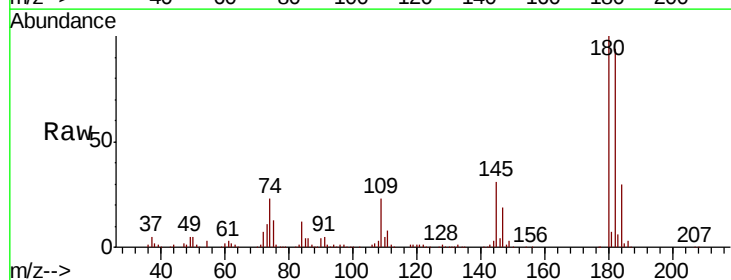


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 55.753 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. 0.00 min
Lab File: VU034274.D
Acq: 05 Sep 2019 10:23

Tgt Ion:180 Resp: 334743
Ion Ratio Lower Upper
180 100
182 96.7 48.4 145.0
145 30.9 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

