

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
 Data File : VU034464.D
 Acq On : 10 Sep 2019 20:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 11 05:58:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	252455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	366446	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	369775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	252425	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	196143	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	4.86	113	177184	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	7.54	98	670066	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
62) 4-Bromofluorobenzene	10.29	95	258699	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	121274	45.932	ug/l	99
3) Chloromethane	1.32	50	142938	50.109	ug/l	98
4) Vinyl Chloride	1.40	62	153833	46.756	ug/l	99
5) Bromomethane	1.61	94	89638	54.023	ug/l	100
6) Chloroethane	1.69	64	101482	53.131	ug/l	98
7) Trichlorofluoromethane	1.87	101	223264	50.609	ug/l	99
8) Diethyl Ether	2.09	74	99857	51.460	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	146587	50.169	ug/l	99
10) Methyl Iodide	2.40	142	118586	44.795	ug/l	98
11) Tert butyl alcohol	2.81	59	231564	286.956	ug/l	99
12) 1,1-Dichloroethene	2.27	96	136644	49.748	ug/l	97
13) Acrolein	2.18	56	99716	147.020	ug/l	99
14) Allyl chloride	2.58	41	225727	42.986	ug/l	93
15) Acrylonitrile	2.92	53	547234	272.318	ug/l	98
16) Acetone	2.31	43	441233	223.219	ug/l	99
17) Carbon Disulfide	2.47	76	261734	42.398	ug/l	100
18) Methyl Acetate	2.60	43	247441	51.445	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	552410	55.177	ug/l	99
20) Methylene Chloride	2.69	84	178017	55.023	ug/l	99
21) trans-1,2-Dichloroethene	2.97	96	146922	50.759	ug/l	97
22) Diisopropyl ether	3.55	45	568240	55.489	ug/l	97
23) Vinyl Acetate	3.50	43	2315853	277.627	ug/l	99
24) 1,1-Dichloroethane	3.43	63	319069	52.173	ug/l	100
25) 2-Butanone	4.24	43	708605	268.552	ug/l	100
26) 2,2-Dichloropropane	4.20	77	244302	49.669	ug/l	100
27) cis-1,2-Dichloroethene	4.21	96	188689	53.674	ug/l	97
28) Bromochloromethane	4.52	49	153971	54.737	ug/l	99
29) Tetrahydrofuran	4.61	42	444304	276.719	ug/l	99
30) Chloroform	4.65	83	324730	52.238	ug/l	99
31) Cyclohexane	4.97	56	212383	47.469	ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	263663	53.050	ug/l	99
36) 1,1-Dichloropropene	5.12	75	201142	50.613	ug/l	99
37) Ethyl Acetate	4.36	43	255003	54.271	ug/l	99
38) Carbon Tetrachloride	5.11	117	221119	52.110	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	204492	48.134	ug/l	99
40) Benzene	5.37	78	673845	52.547	ug/l	99
41) Methacrylonitrile	4.52	41	142195	56.814	ug/l	100
42) 1,2-Dichloroethane	5.38	62	237574	53.360	ug/l	100
43) Isopropyl Acetate	5.53	43	398494	54.365	ug/l	100
44) Trichloroethene	6.16	130	180054	50.740	ug/l	96
45) 1,2-Dichloropropane	6.41	63	200645	53.522	ug/l	99
46) Dibromomethane	6.54	93	125693	53.414	ug/l	99
47) Bromodichloromethane	6.74	83	263127	54.322	ug/l	100
48) Methyl methacrylate	6.60	41	187034	53.723	ug/l	98
49) 1,4-Dioxane	6.59	88	83079	1092.829	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1399521	275.834	ug/l	100
52) Toluene	7.62	92	431087	53.589	ug/l	98
53) t-1,3-Dichloropropene	7.86	75	273353	54.439	ug/l	98
54) cis-1,3-Dichloropropene	7.25	75	302034	54.806	ug/l	99
55) 1,1,2-Trichloroethane	8.04	97	203034	55.584	ug/l	98
56) Ethyl methacrylate	8.00	69	284206	51.138	ug/l	99
57) 1,3-Dichloropropane	8.22	76	325712	54.761	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	475269	252.927	ug/l	100
59) 2-Hexanone	8.34	43	1051803	277.493	ug/l	99
60) Dibromochloromethane	8.46	129	218547	55.782	ug/l	98
61) 1,2-Dibromoethane	8.57	107	193508	54.125	ug/l	98
64) Tetrachloroethene	8.21	164	163635	51.008	ug/l	97
65) Chlorobenzene	9.10	112	500297	53.329	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	192678	53.817	ug/l	100
67) Ethyl Benzene	9.23	91	832072	54.245	ug/l	99
68) m/p-Xylenes	9.35	106	656587	113.673	ug/l	99
69) o-Xylene	9.76	106	318168	56.325	ug/l	100
70) Styrene	9.77	104	581571	58.722	ug/l	99
71) Bromoform	9.94	173	172429	55.571	ug/l #	99
73) Isopropylbenzene	10.14	105	876546	53.359	ug/l	100
74) N-amyl acetate	9.99	43	365384	55.257	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.43	83	338436	50.898	ug/l	99
76) 1,2,3-Trichloropropane	10.47	75	363446	65.961	ug/l	85
77) Bromobenzene	10.43	156	241472	52.571	ug/l	98
78) n-propylbenzene	10.57	91	1013090	53.400	ug/l	100
79) 2-Chlorotoluene	10.64	91	612403	52.903	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	764637	55.656	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.47	75	365070	222.815	ug/l #	100
82) 4-Chlorotoluene	10.75	91	716548	53.789	ug/l	100
83) tert-Butylbenzene	11.08	119	740755	53.897	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	771099	55.757	ug/l	100
85) sec-Butylbenzene	11.30	105	882575	54.394	ug/l	100
86) p-Isopropyltoluene	11.45	119	825328	55.110	ug/l	100
87) 1,3-Dichlorobenzene	11.39	146	436612	52.091	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	438945	50.209	ug/l	100
89) n-Butylbenzene	11.86	91	707621	54.371	ug/l	100
90) Hexachloroethane	12.12	117	124057	51.777	ug/l	100
91) 1,2-Dichlorobenzene	11.85	146	431286	52.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.63	75	67228	55.020	ug/l	98

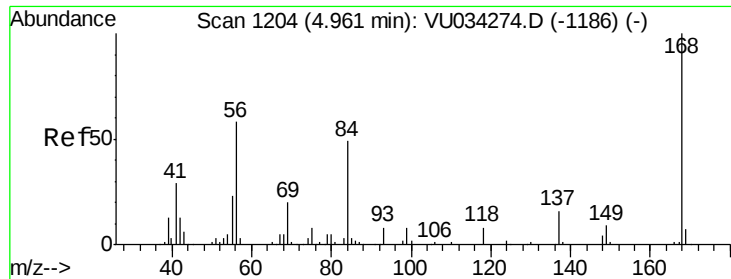
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091019\
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QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	295743	49.538	ug/l	99
94) Hexachlorobutadiene	13.67	225	137297	47.649	ug/l	100
95) Naphthalene	13.72	128	810996	48.348	ug/l	99
96) 1,2,3-Trichlorobenzene	13.96	180	292180	50.601	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

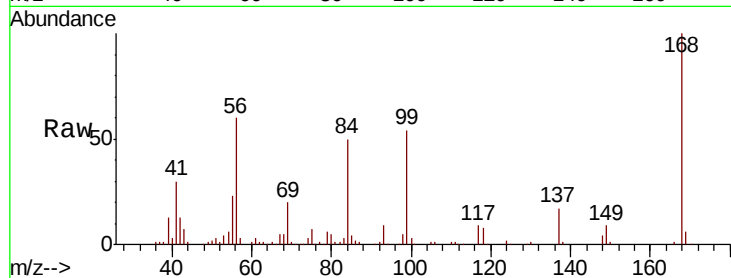
VSTDCCC050EC

Tgt Ion:168 Resp: 252455

Ion Ratio Lower Upper

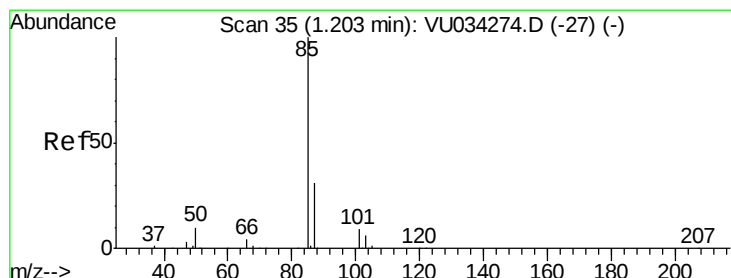
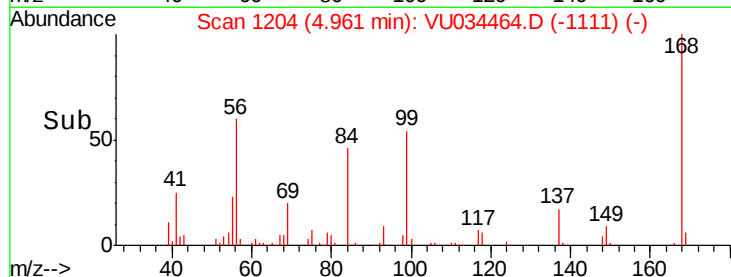
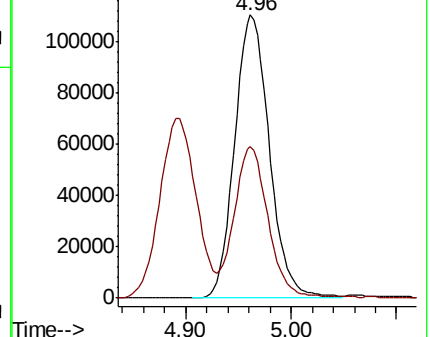
168 100

99 53.1 41.6 62.4



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

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



#2

Dichlorodifluoromethane

Concen: 45.932 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU034464.D

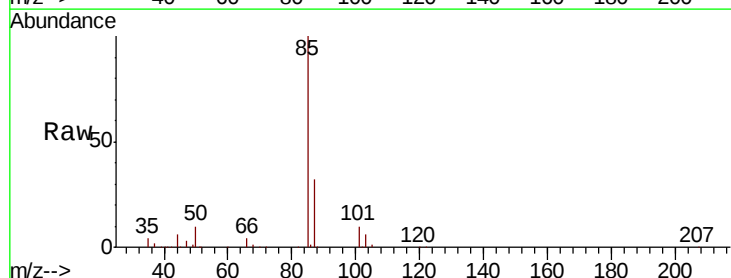
Acq: 10 Sep 2019 20:13

Tgt Ion: 85 Resp: 121274

Ion Ratio Lower Upper

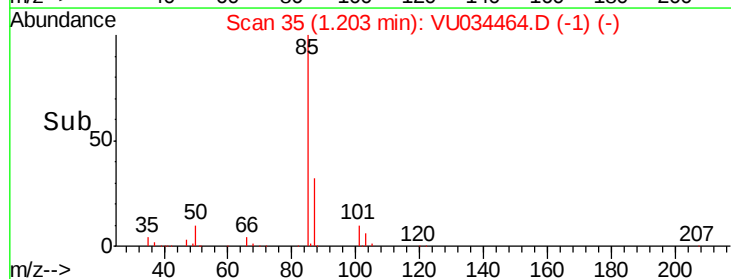
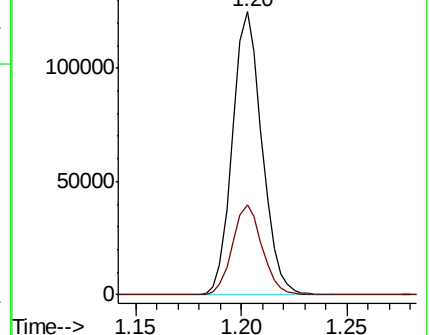
85 100

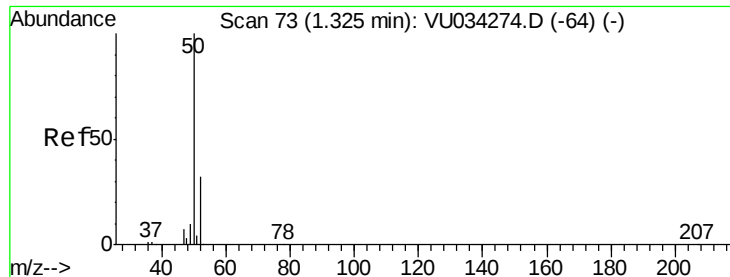
87 31.7 15.7 47.0



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

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





#3

Chloromethane

Concen: 50.109 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

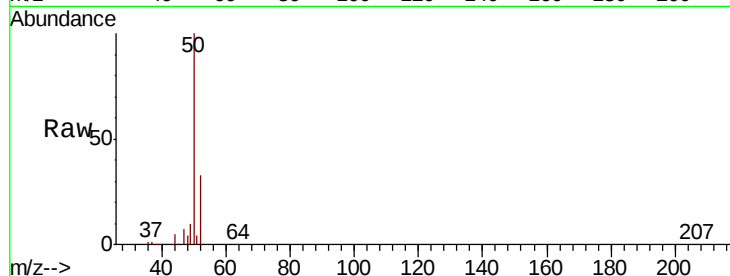
VSTDCCC050EC

Tgt Ion: 50 Resp: 142938

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.6



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

Ion 51.90 (51.60 to 52.60): VU034464.D (-1) (-)

1.32

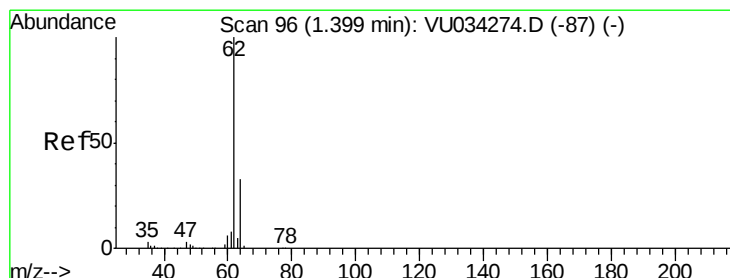
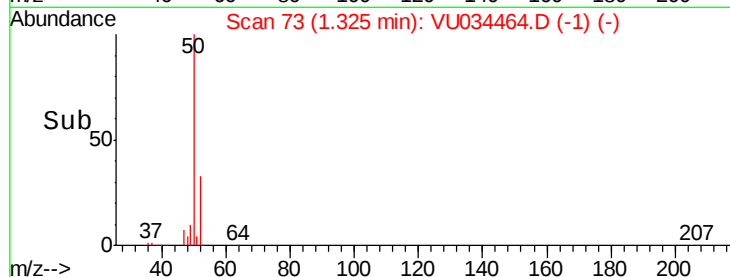
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 46.756 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU034464.D

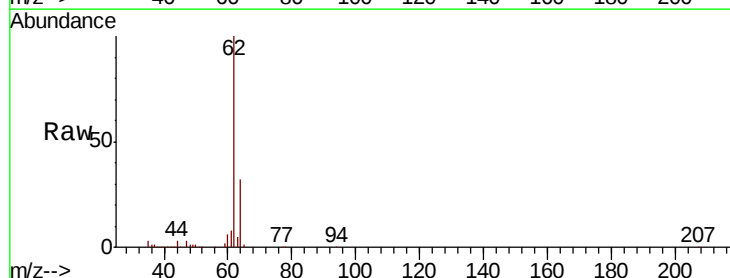
Acq: 10 Sep 2019 20:13

Tgt Ion: 62 Resp: 153833

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.4



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

Ion 63.90 (63.60 to 64.60): VU034464.D (-3) (-)

1.40

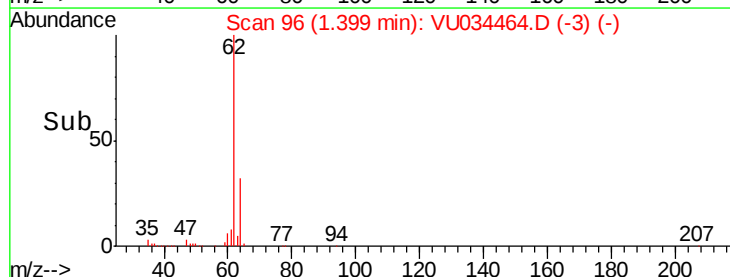
150000

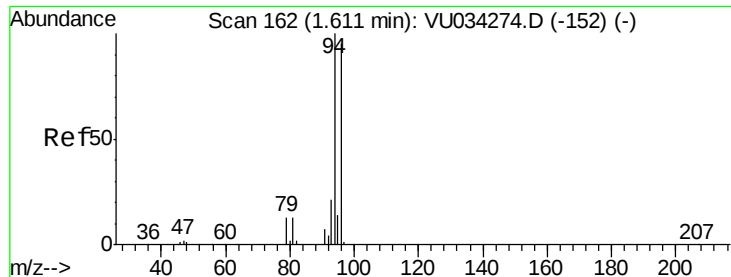
100000

50000

0

Time-->





#5

Bromomethane

Concen: 54.023 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

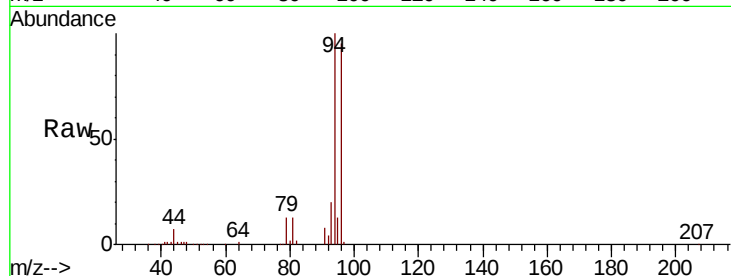
VSTDCCC050EC

Tgt Ion: 94 Resp: 89638

Ion Ratio Lower Upper

94 100

96 94.9 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.61

80000

60000

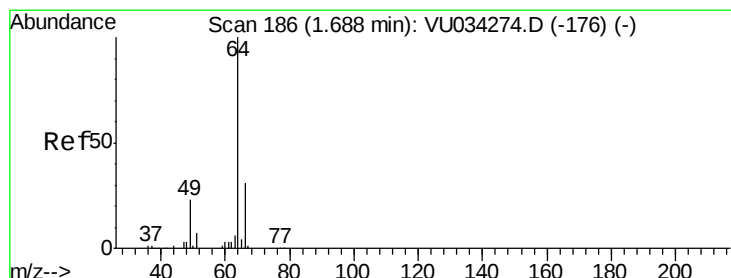
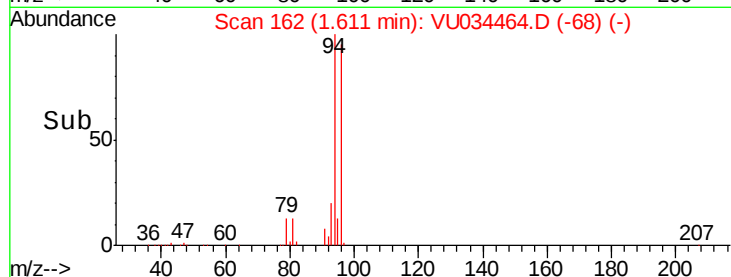
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 53.131 ug/l

RT: 1.69 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU034464.D

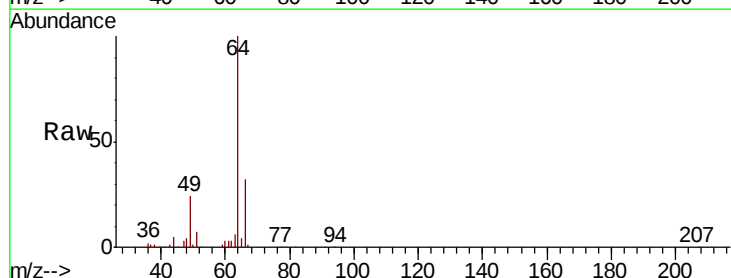
Acq: 10 Sep 2019 20:13

Tgt Ion: 64 Resp: 101482

Ion Ratio Lower Upper

64 100

66 32.5 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.69

80000

60000

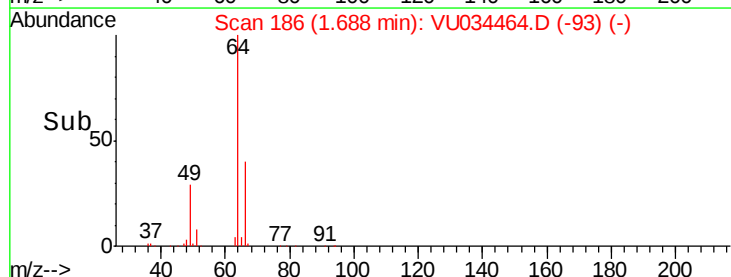
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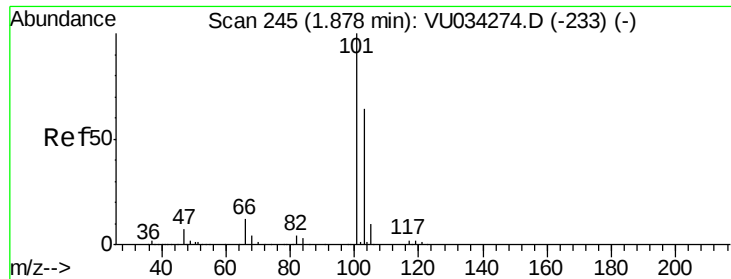
20000

0

Time-->

1.65 1.70 1.75



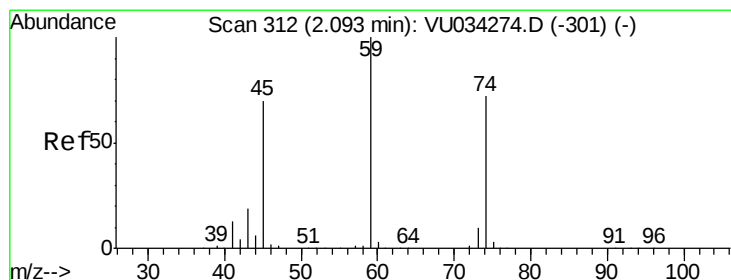
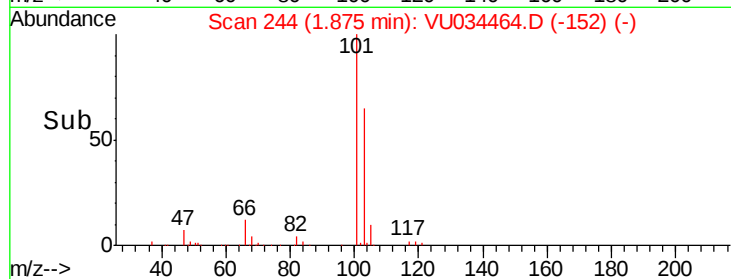
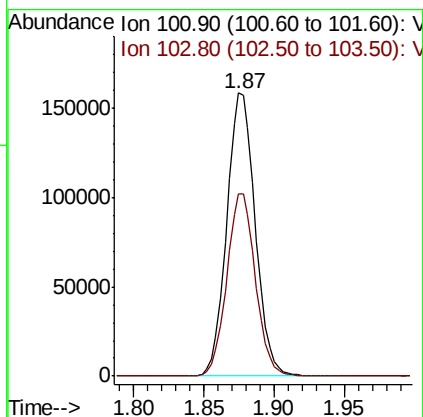
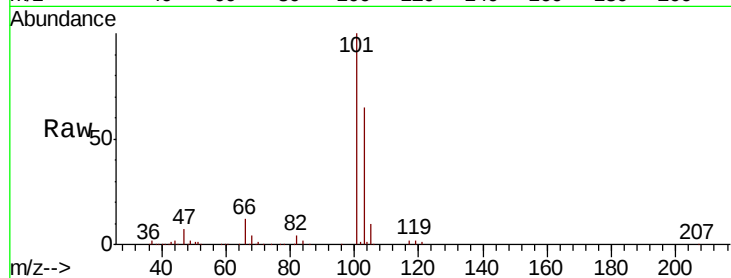


#7

Trichlorofluoromethane
 Concen: 50.609 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. -0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

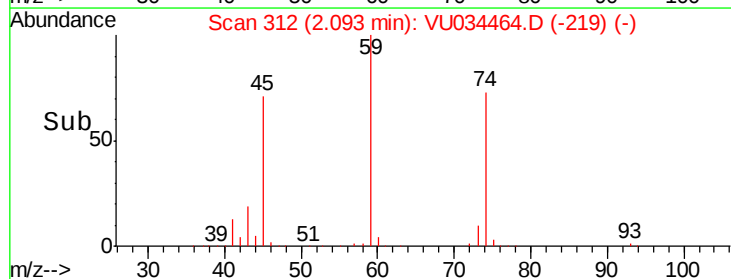
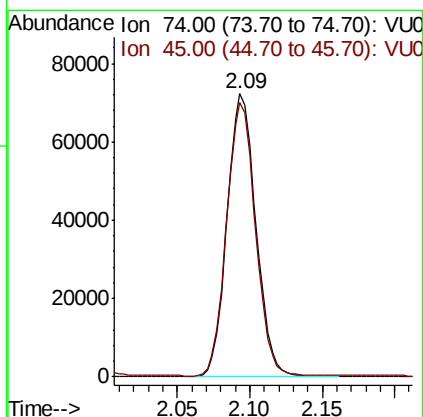
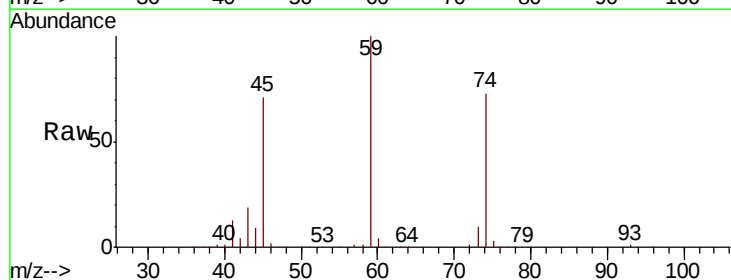
Tgt Ion:101 Resp: 223264
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.0 76.6

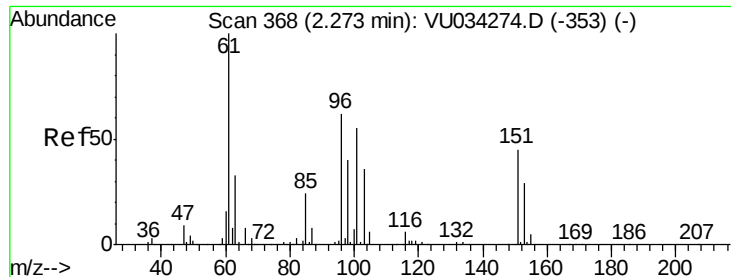


#8

Diethyl Ether
 Concen: 51.460 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Tgt Ion: 74 Resp: 99857
 Ion Ratio Lower Upper
 74 100
 45 96.2 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.169 ug/l

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

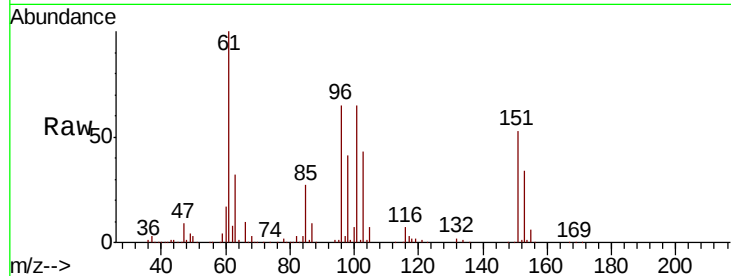
Tgt Ion:101 Resp: 146587

Ion Ratio Lower Upper

101 100

85 41.8 34.4 51.6

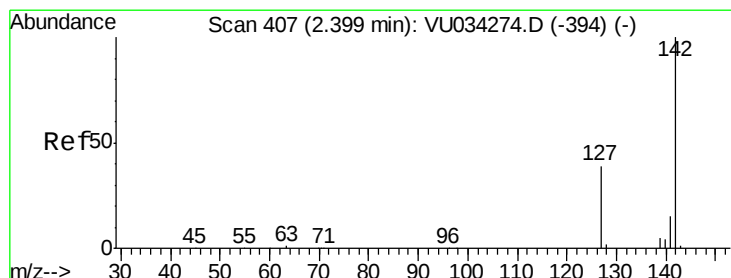
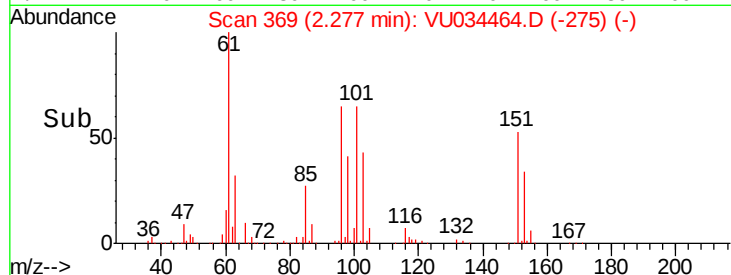
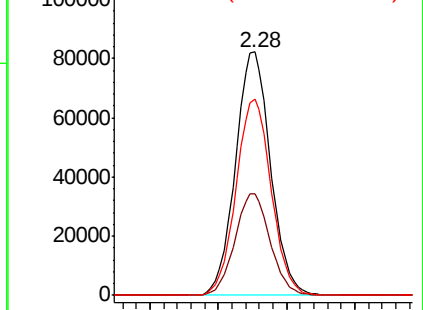
151 80.9 64.4 96.6



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: 44.795 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

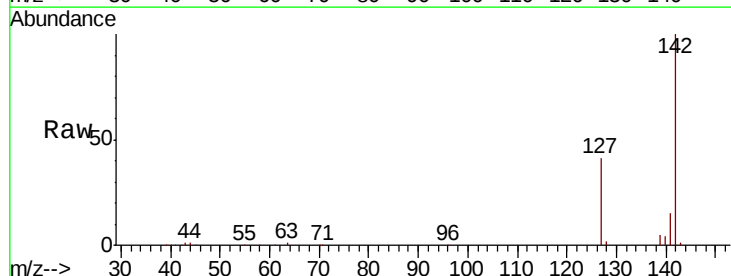
Tgt Ion:142 Resp: 118586

Ion Ratio Lower Upper

142 100

127 41.4 32.1 48.1

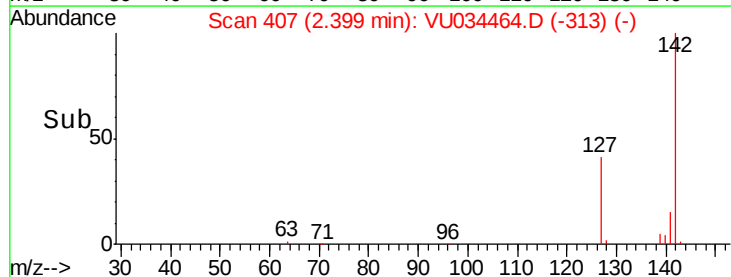
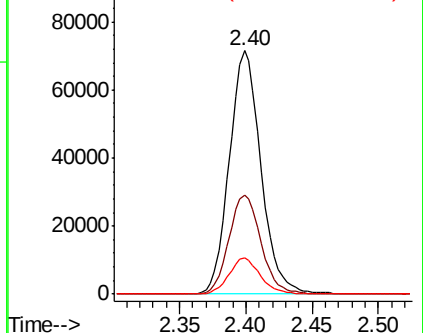
141 14.7 11.5 17.3

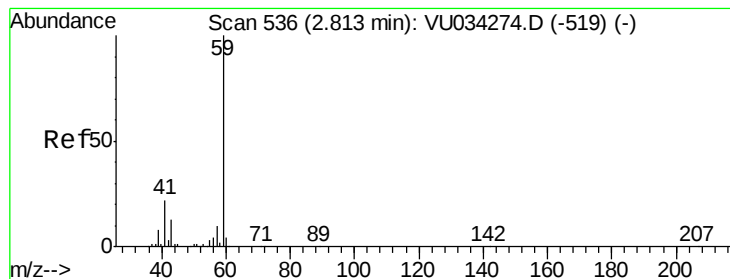


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



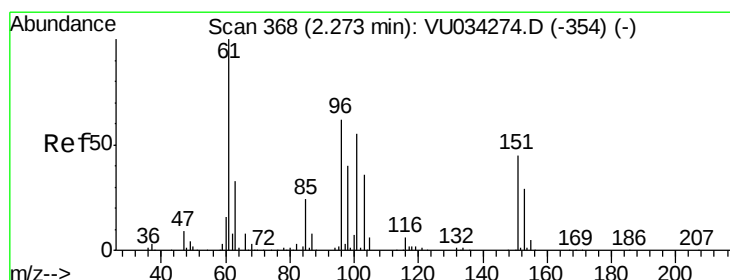
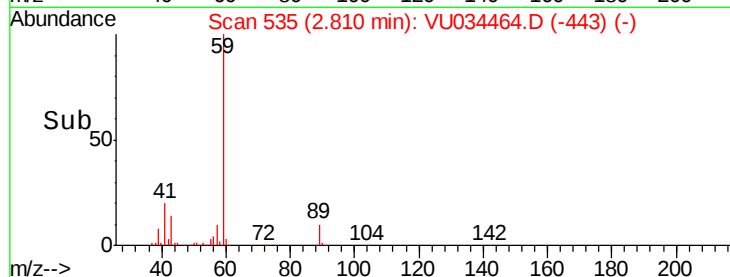
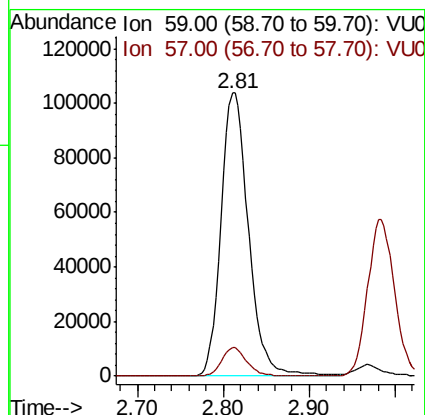
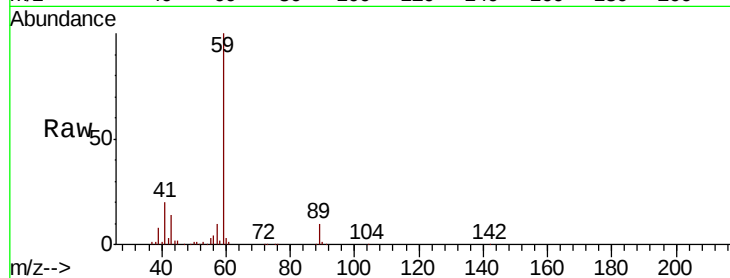


#11

Tert butyl alcohol
 Concen: 286.956 ug/l
 RT: 2.81 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

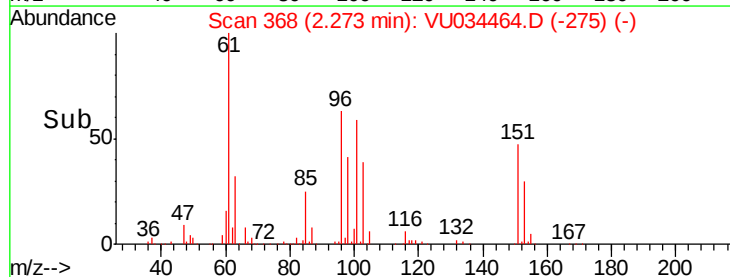
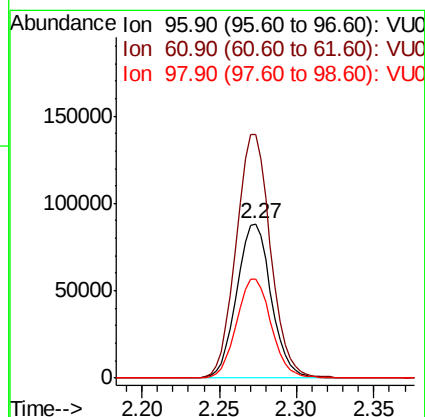
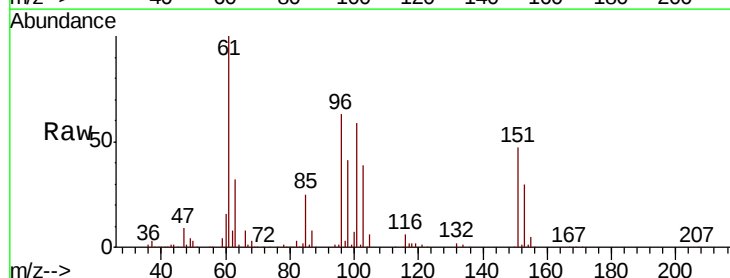
Tgt Ion: 59 Resp: 231564
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.9 11.9

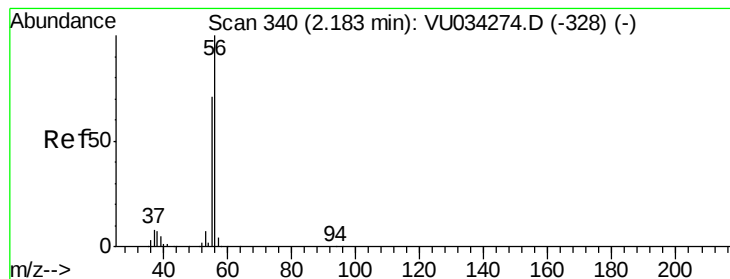


#12

1,1-Dichloroethene
 Concen: 49.748 ug/l
 RT: 2.27 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Tgt Ion: 96 Resp: 136644
 Ion Ratio Lower Upper
 96 100
 61 157.8 130.0 195.0
 98 64.2 52.2 78.4





#13

Acrolein

Concen: 147.020 ug/l

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

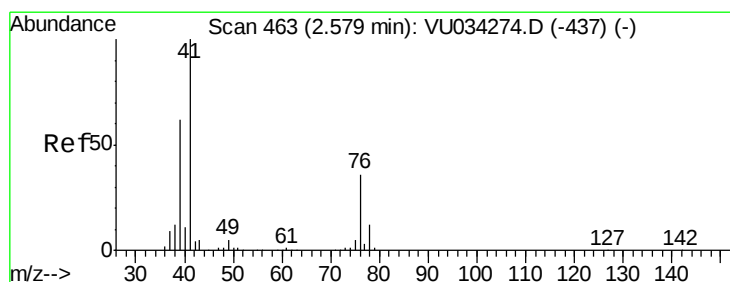
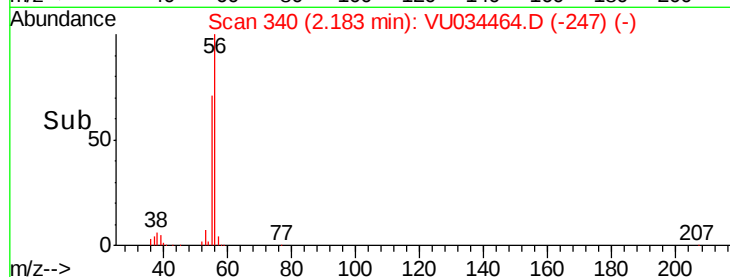
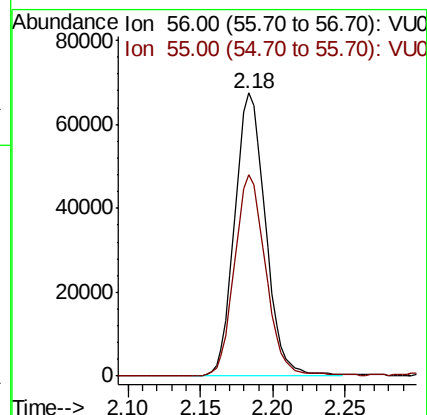
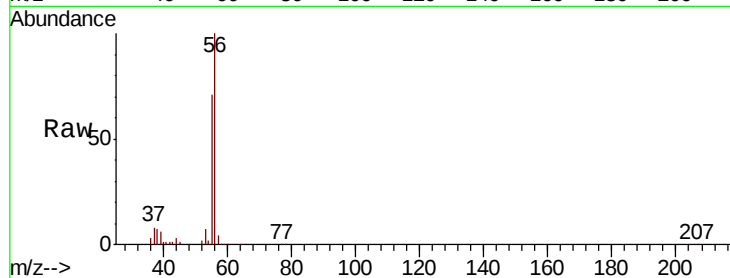
VSTDCCC050EC

Tgt Ion: 56 Resp: 99716

Ion Ratio Lower Upper

56 100

55 72.3 57.4 86.2



#14

Allyl chloride

Concen: 42.986 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

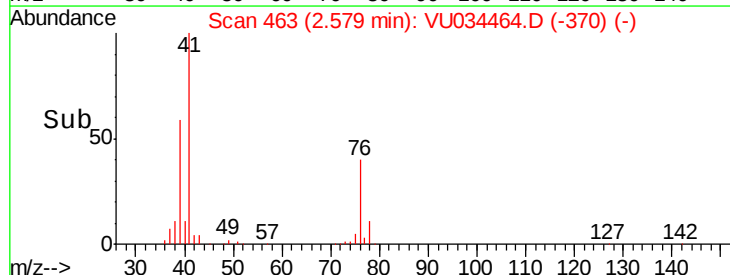
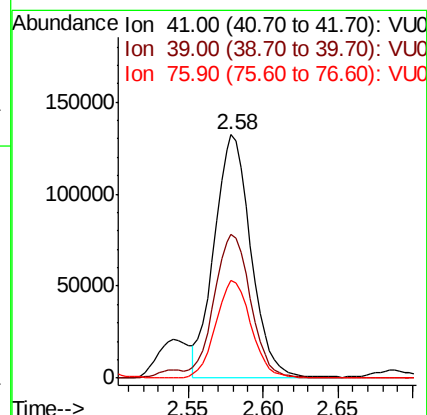
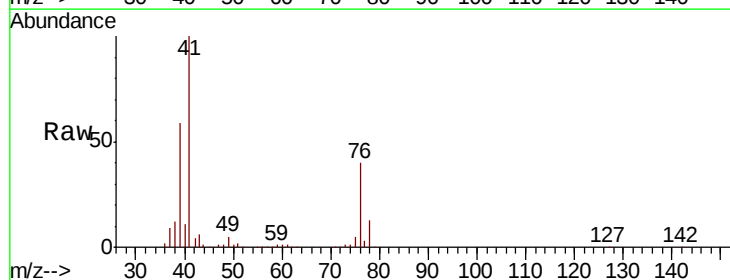
Tgt Ion: 41 Resp: 225727

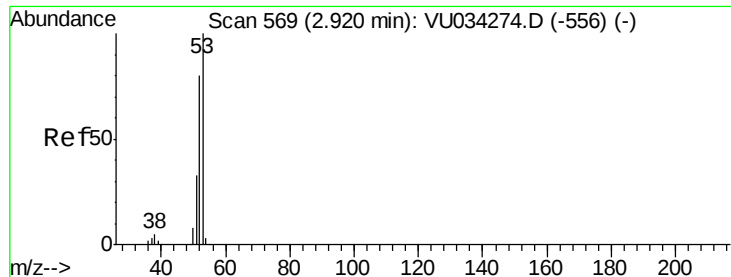
Ion Ratio Lower Upper

41 100

39 58.3 43.5 65.3

76 38.6 27.0 40.6





#15

Acrylonitrile

Concen: 272.318 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

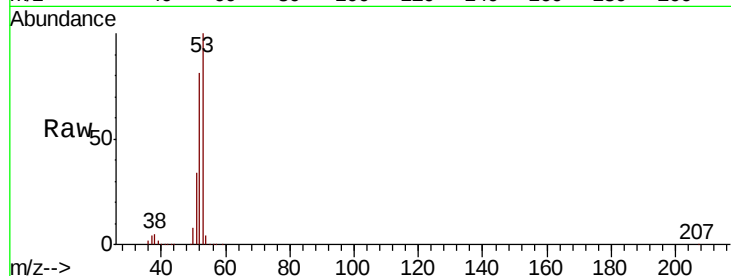
Tgt Ion: 53 Resp: 547234

Ion Ratio Lower Upper

53 100

52 81.9 64.1 96.1

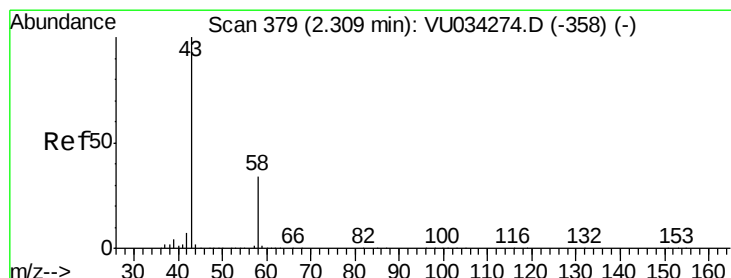
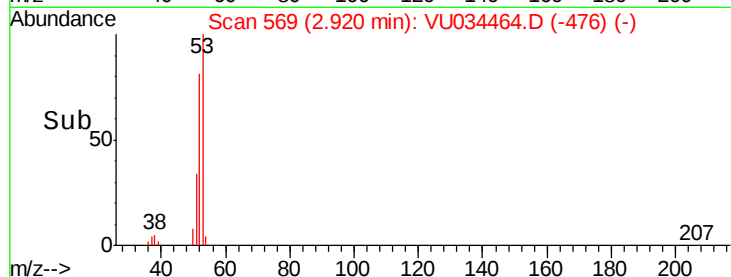
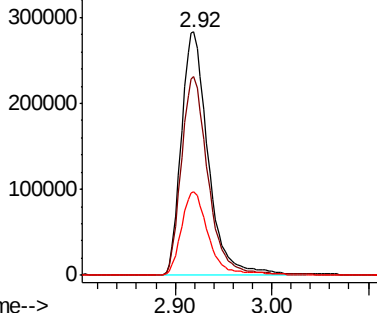
51 35.0 27.4 41.0



Abundance Ion 53.00 (52.70 to 53.70): VU034464.D (-556) (-)

Ion 52.00 (51.70 to 52.70): VU034464.D (-556) (-)

Ion 51.00 (50.70 to 51.70): VU034464.D (-556) (-)



#16

Acetone

Concen: 223.219 ug/l

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034464.D

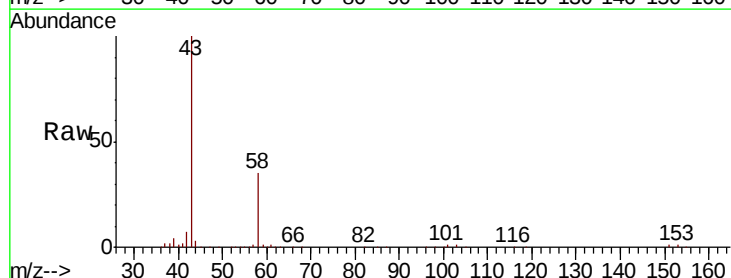
Acq: 10 Sep 2019 20:13

Tgt Ion: 43 Resp: 441233

Ion Ratio Lower Upper

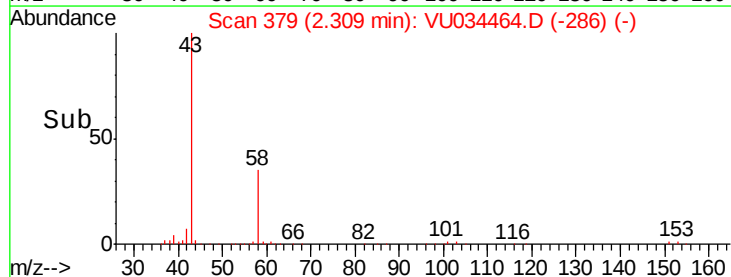
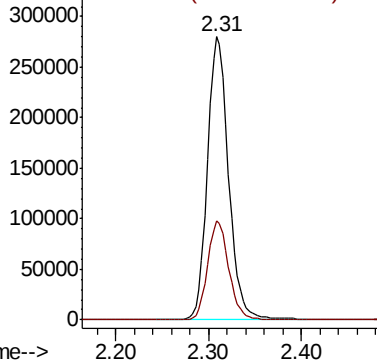
43 100

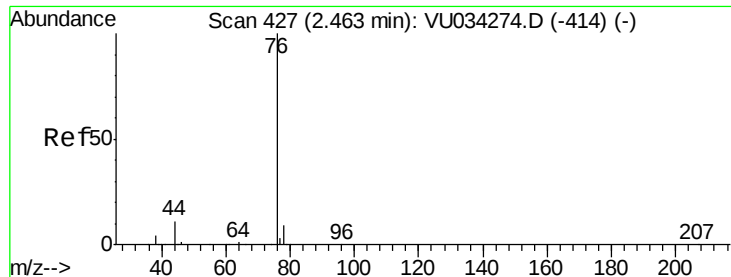
58 34.8 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034464.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034464.D (-358) (-)

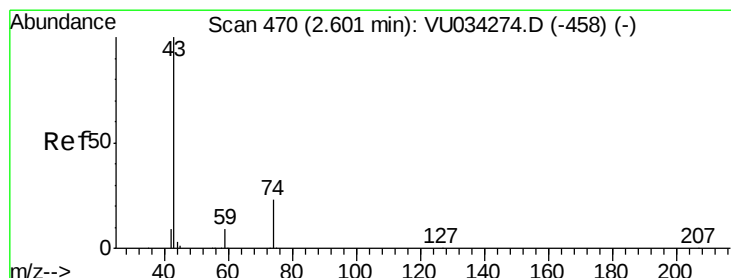
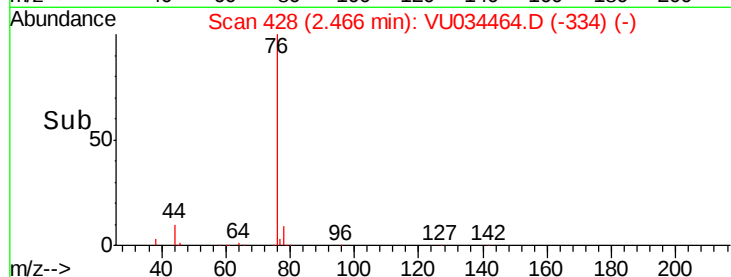
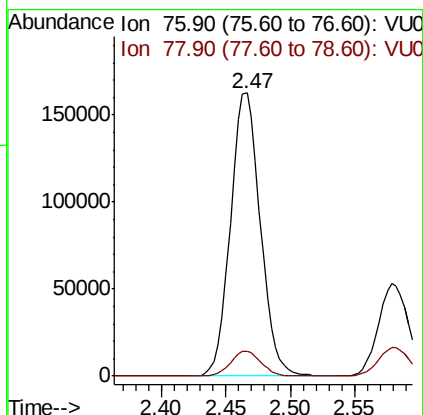
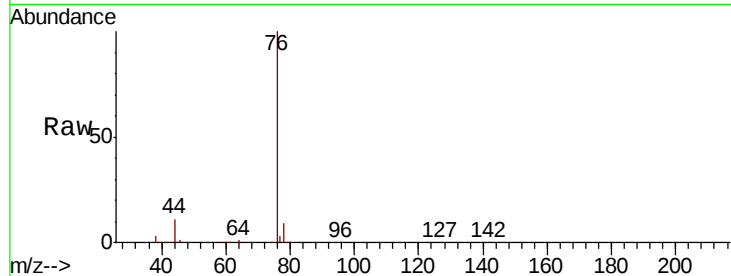




#17
Carbon Disulfide
Concen: 42.398 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

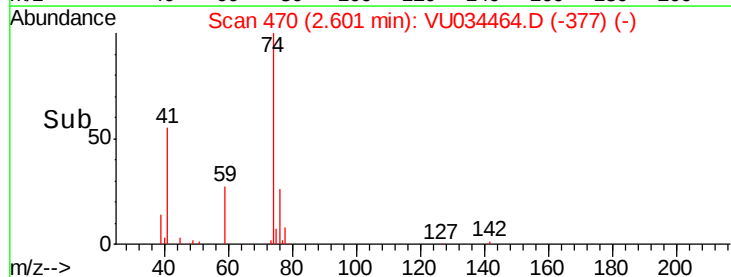
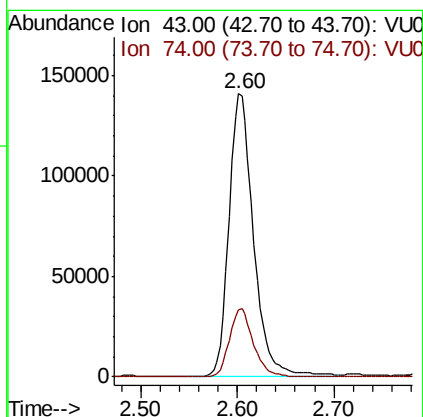
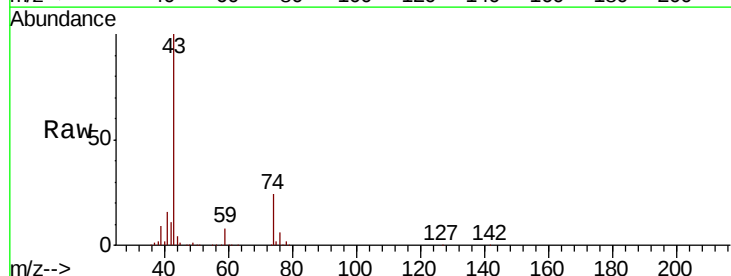
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

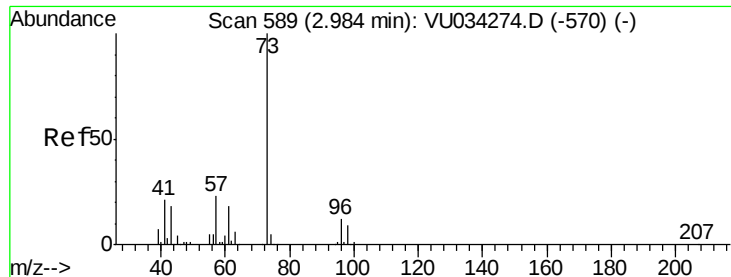
Tgt Ion: 76 Resp: 261734
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 51.445 ug/l
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Tgt Ion: 43 Resp: 247441
Ion Ratio Lower Upper
43 100
74 23.7 18.9 28.3

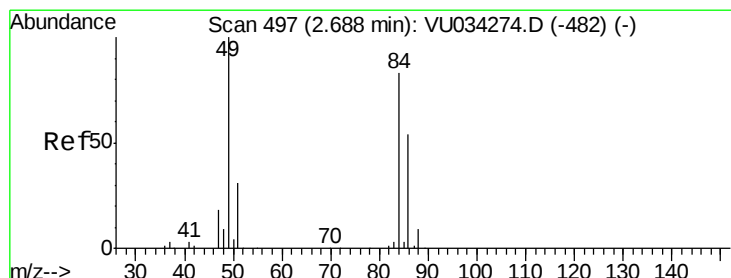
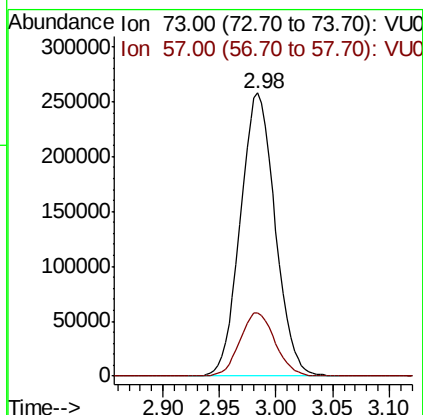
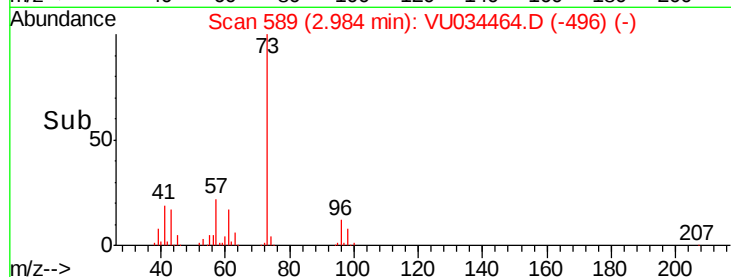
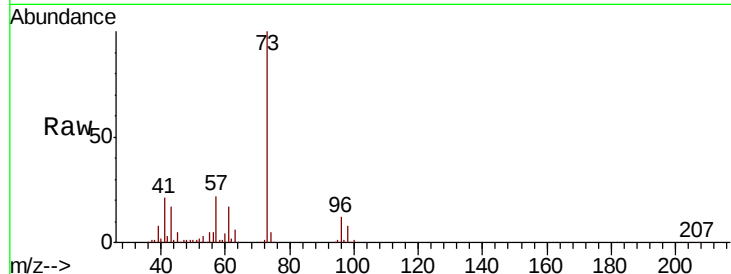




#19
Methyl tert-butyl Ether
Concen: 55.177 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

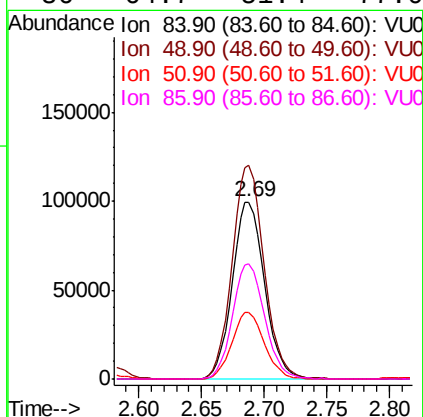
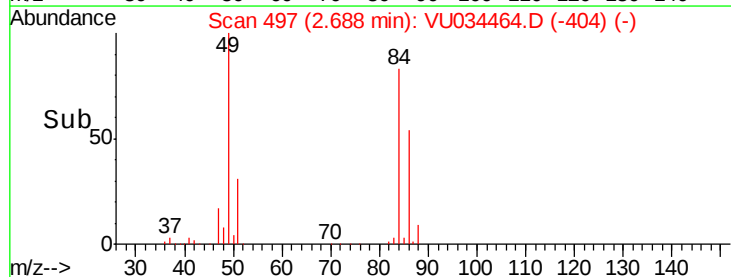
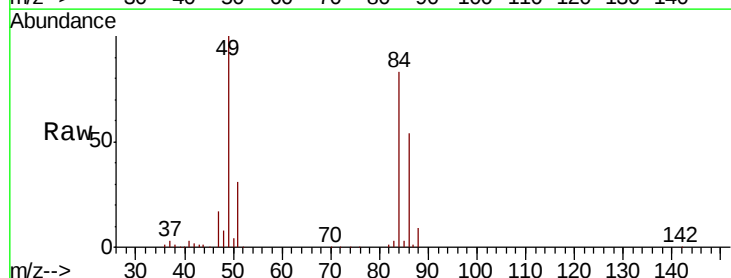
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

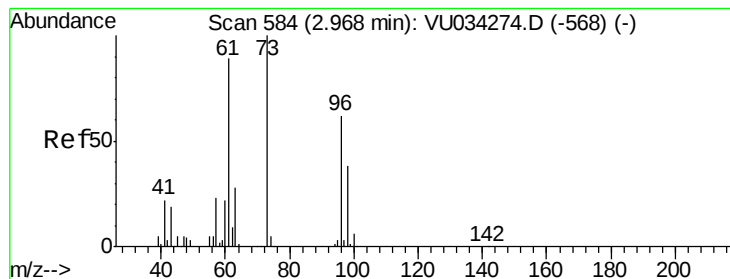
Tgt Ion: 73 Resp: 552410
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.4



#20
Methylene Chloride
Concen: 55.023 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Tgt Ion: 84 Resp: 178017
Ion Ratio Lower Upper
84 100
49 120.6 96.0 144.0
51 37.9 30.0 45.0
86 64.7 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 50.759 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

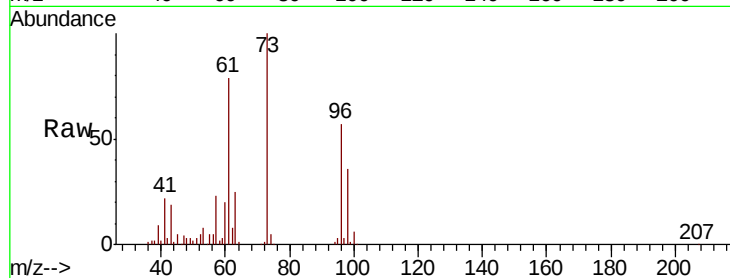
Tgt Ion: 96 Resp: 146922

Ion Ratio Lower Upper

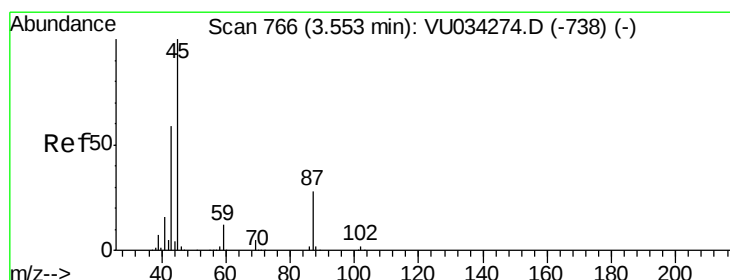
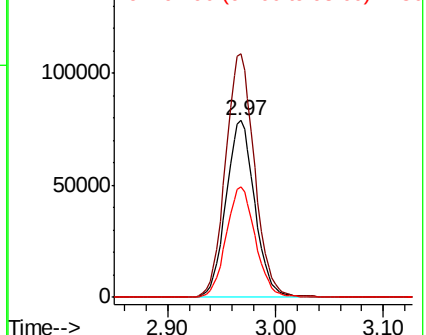
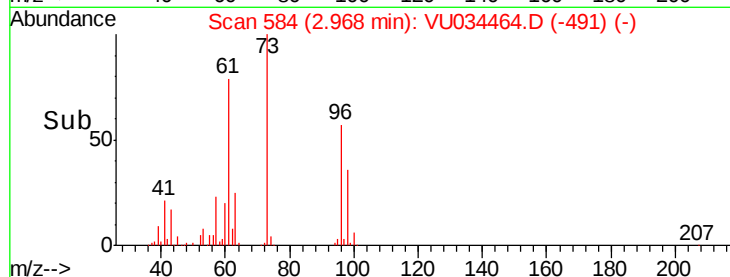
96 100

61 137.6 114.8 172.2

98 62.2 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034464.D (-491) (-)



#22

Diisopropyl ether

Concen: 55.489 ug/l

RT: 3.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Tgt Ion: 45 Resp: 568240

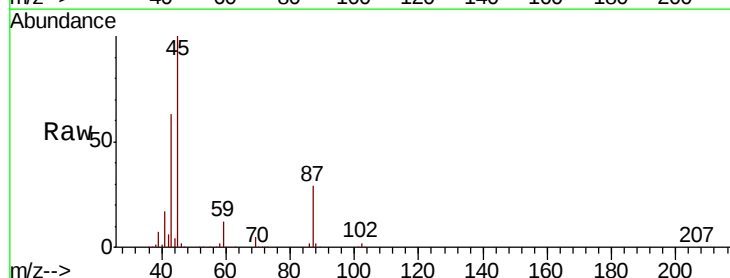
Ion Ratio Lower Upper

45 100

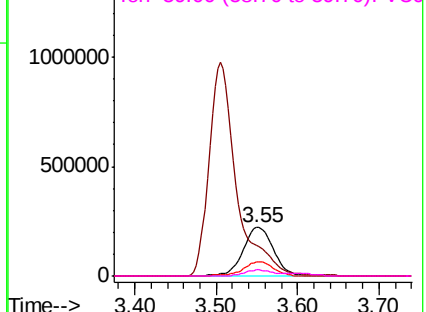
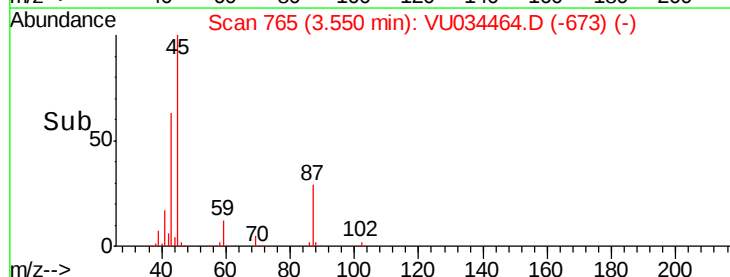
43 62.1 47.5 71.3

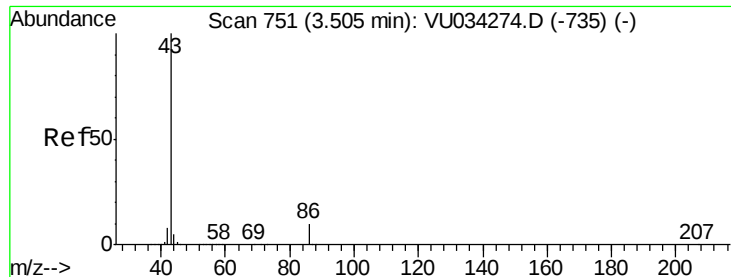
87 29.0 22.2 33.4

59 12.2 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VU034464.D (-673) (-)





#23

Vinyl Acetate

Concen: 277.627 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

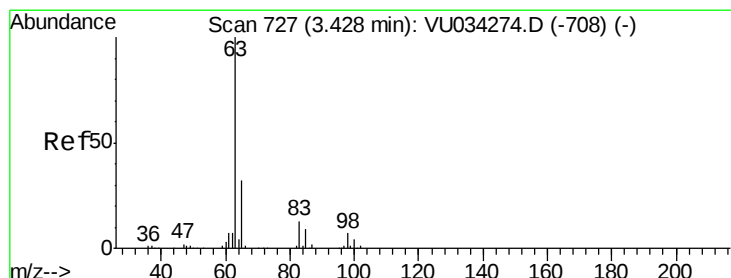
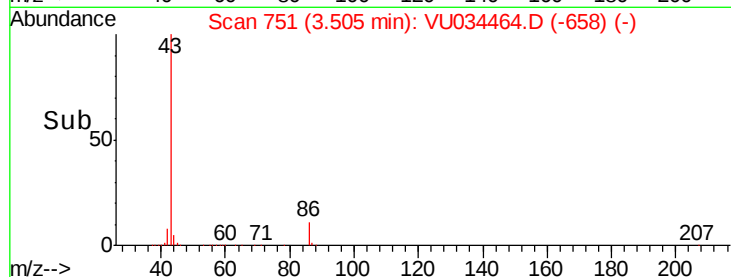
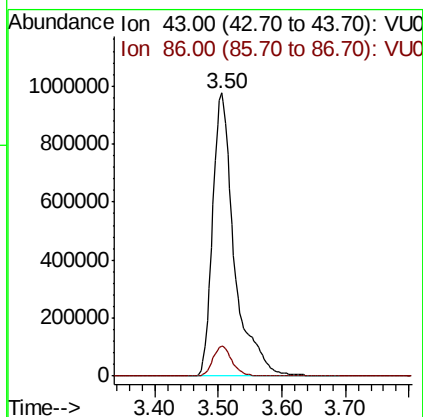
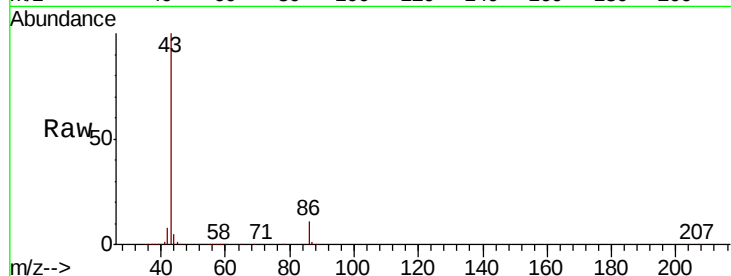
VSTDCCC050EC

Tgt Ion: 43 Resp: 2315853

Ion Ratio Lower Upper

43 100

86 10.7 8.3 12.5



#24

1,1-Dichloroethane

Concen: 52.173 ug/l

RT: 3.43 min Scan# 727

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

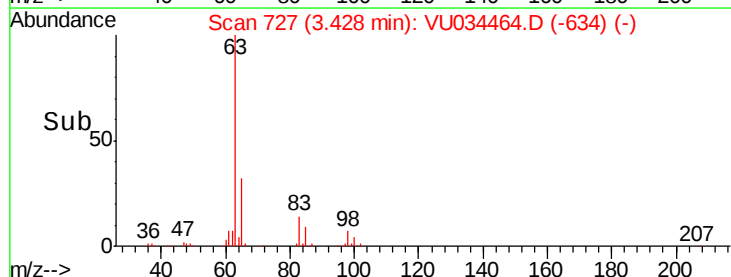
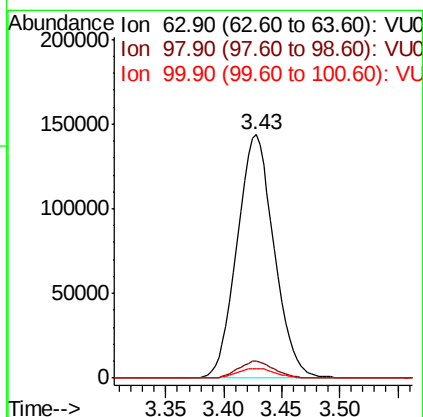
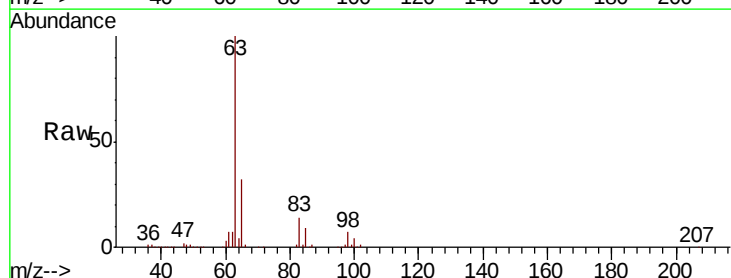
Tgt Ion: 63 Resp: 319069

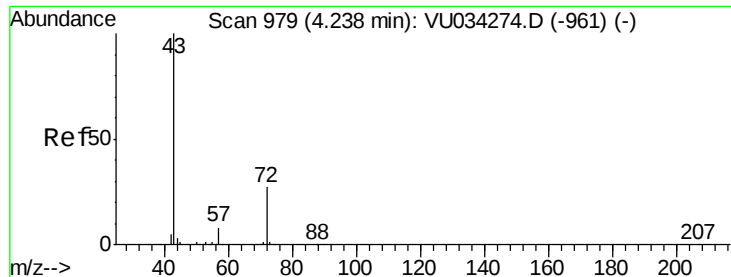
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 268.552 ug/l

RT: 4.24 min Scan# 979

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

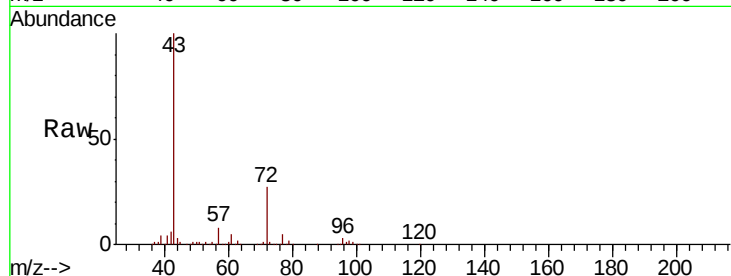
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 708605

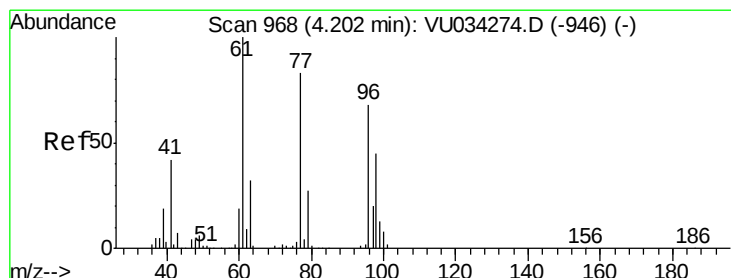
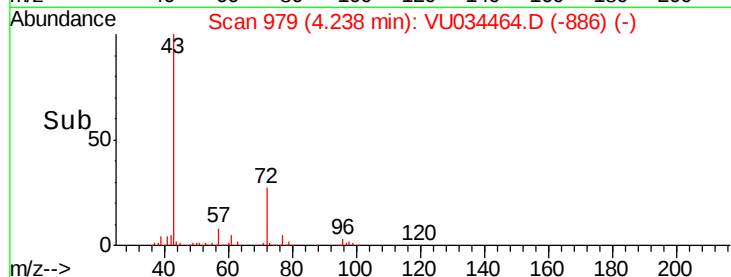
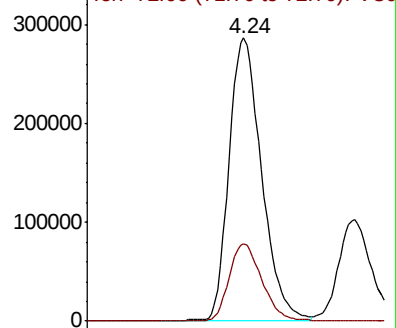
Ion Ratio Lower Upper

43 100

72 27.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034464.D (-886) (-)



#26

2,2-Dichloropropane

Concen: 49.669 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034464.D

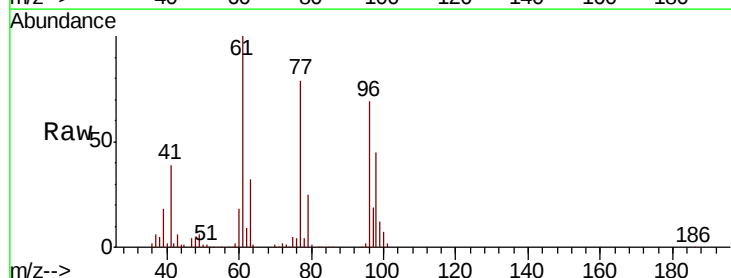
Acq: 10 Sep 2019 20:13

Tgt Ion: 77 Resp: 244302

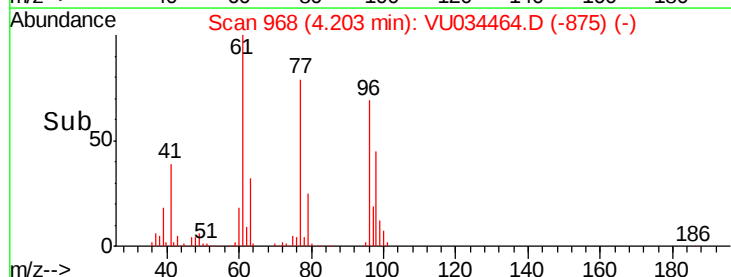
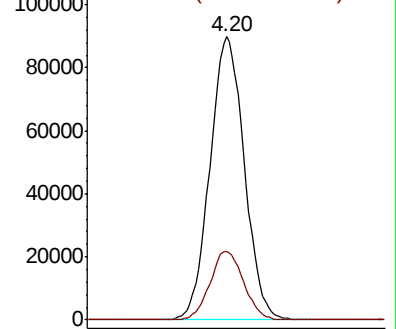
Ion Ratio Lower Upper

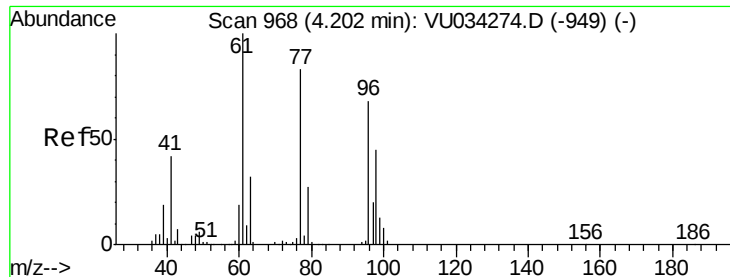
77 100

97 23.7 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034464.D (-875) (-)





#27

cis-1,2-Dichloroethene

Concen: 53.674 ug/l

RT: 4.21 min Scan# 969

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

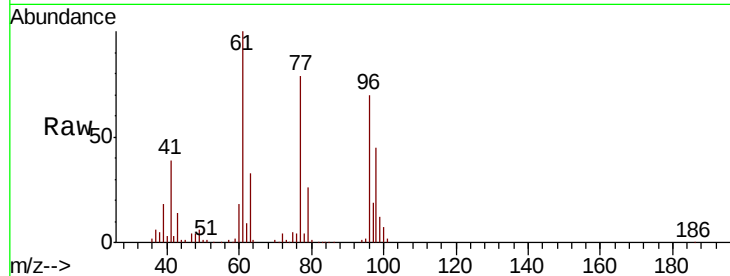
Tgt Ion: 96 Resp: 188689

Ion Ratio Lower Upper

96 100

61 144.8 0.0 297.4

98 63.4 0.0 130.0

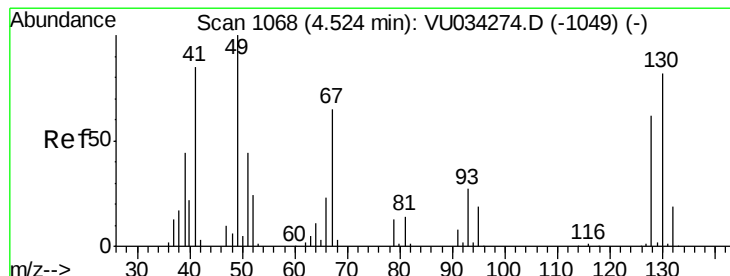
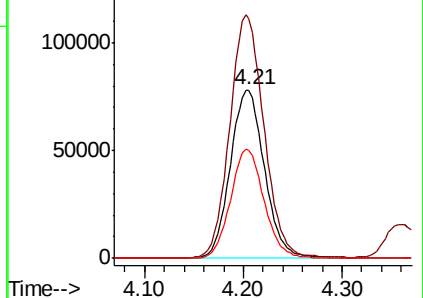
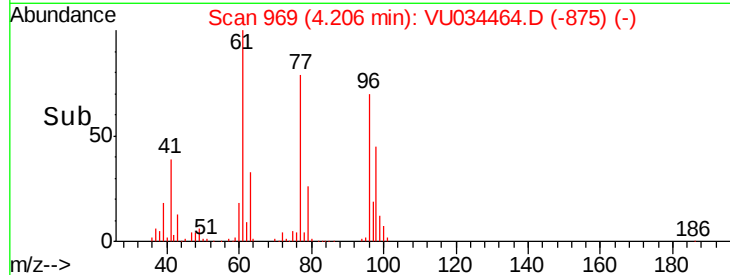


Abundance Ion 95.90 (95.60 to 96.60): VU034464.D (-949) (-)

Ion 60.90 (60.60 to 61.60): VU034464.D (-949) (-)

Ion 97.90 (97.60 to 98.60): VU034464.D (-949) (-)

4.21



#28

Bromochloromethane

Concen: 54.737 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

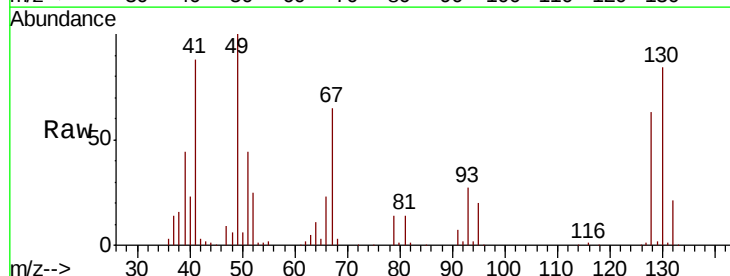
Tgt Ion: 49 Resp: 153971

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 82.6 65.2 97.8

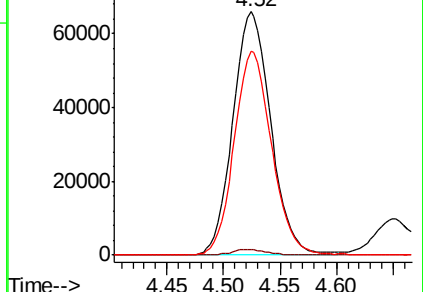
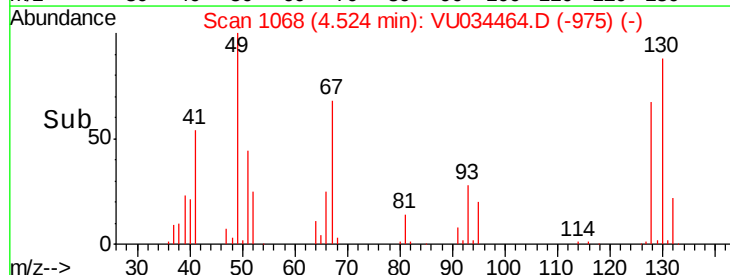


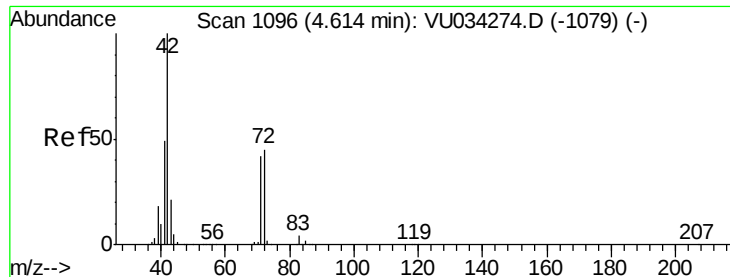
Abundance Ion 48.90 (48.60 to 49.60): VU034464.D (-1049) (-)

Ion 128.80 (128.50 to 129.50): VU034464.D (-1049) (-)

Ion 129.80 (129.50 to 130.50): VU034464.D (-1049) (-)

4.52

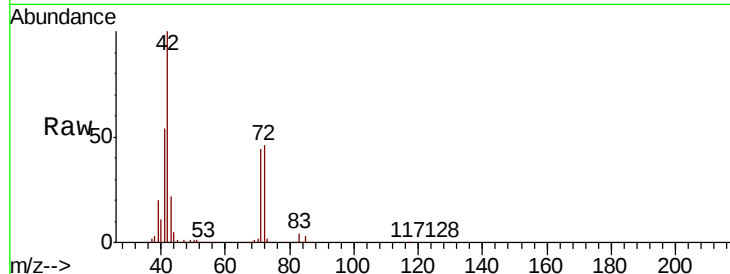




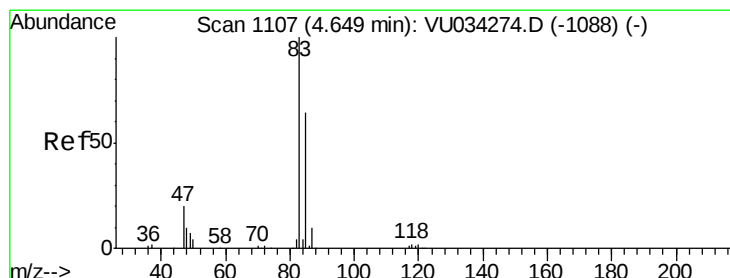
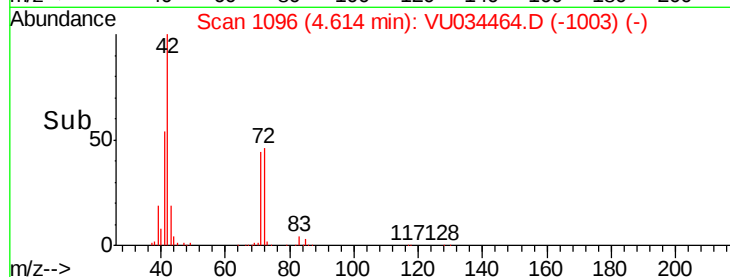
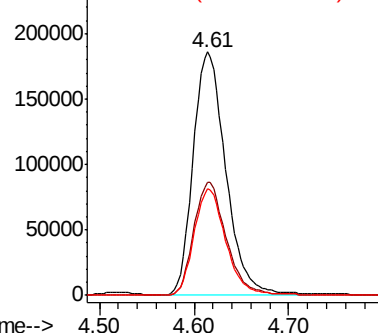
#29
Tetrahydrofuran
Concen: 276.719 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 444304
Ion Ratio Lower Upper
42 100
72 46.7 36.6 54.8
71 43.1 34.3 51.5

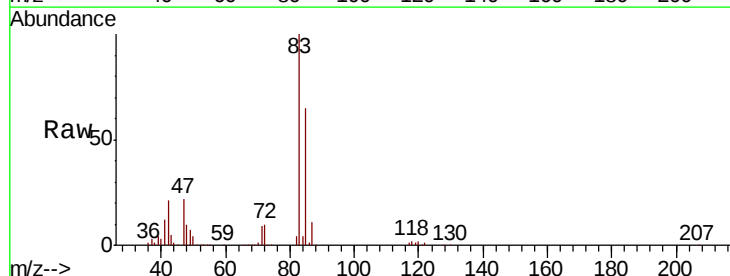


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

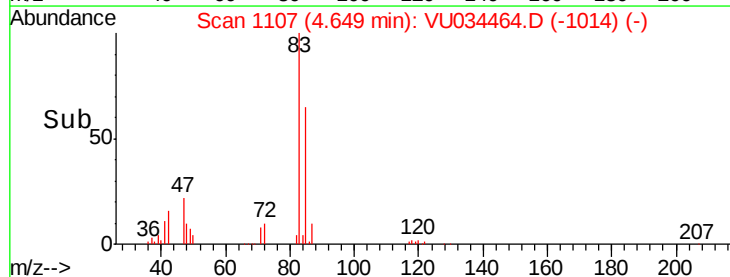
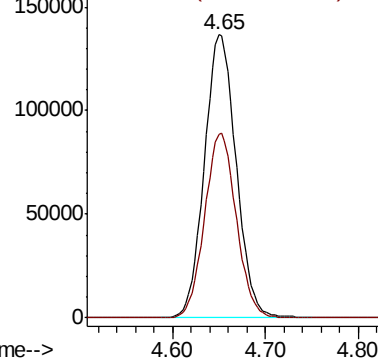


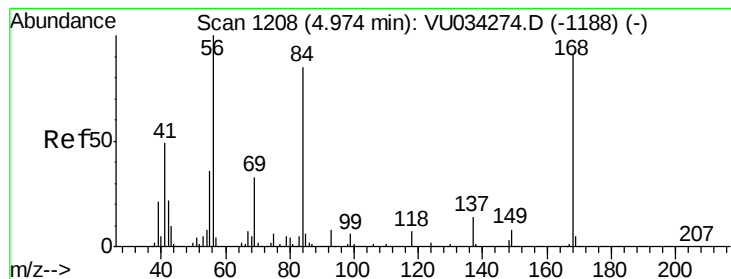
#30
Chloroform
Concen: 52.238 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Tgt Ion: 83 Resp: 324730
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 47.469 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

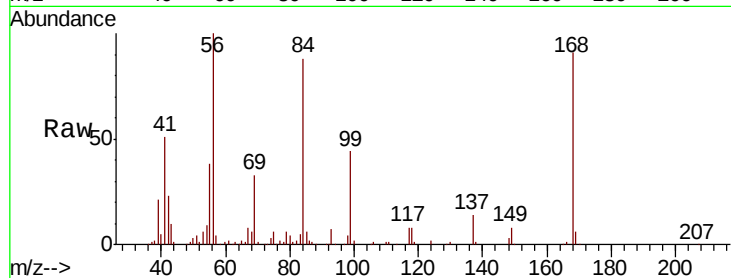
Tgt Ion: 56 Resp: 212383

Ion Ratio Lower Upper

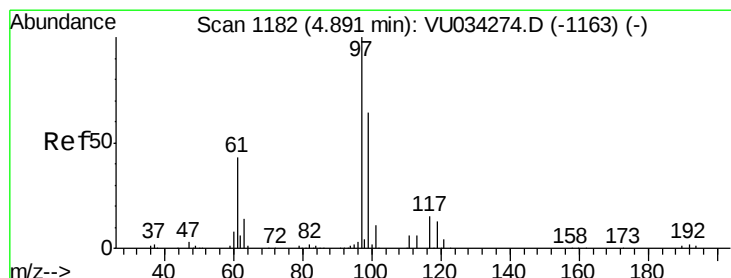
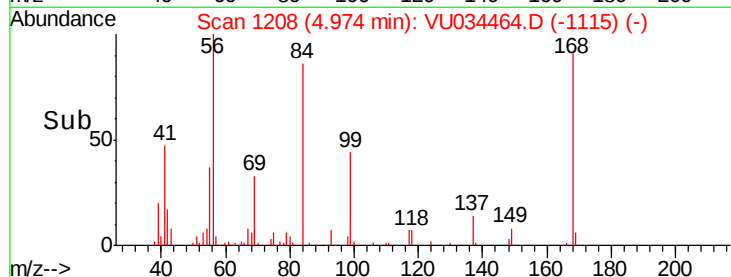
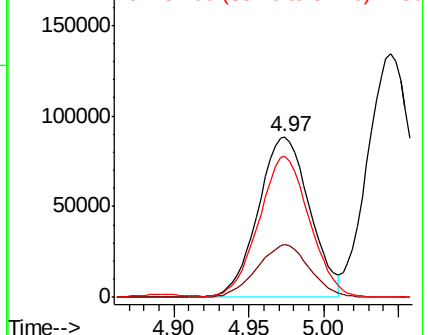
56 100

69 32.8 26.7 40.1

84 86.9 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: 53.050 ug/l

RT: 4.89 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

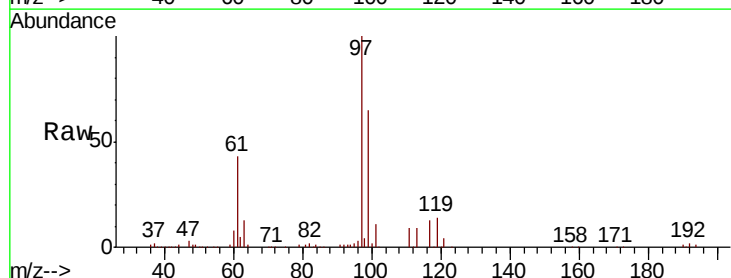
Tgt Ion: 97 Resp: 263663

Ion Ratio Lower Upper

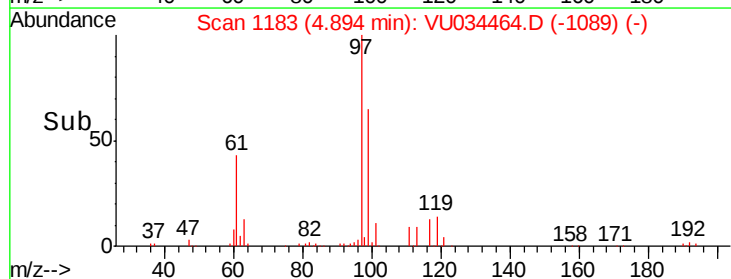
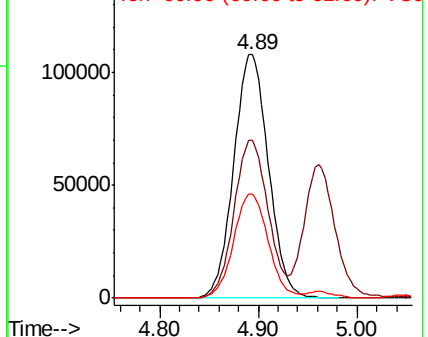
97 100

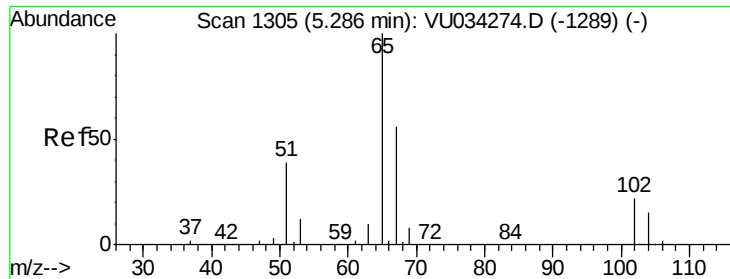
99 63.9 50.9 76.3

61 42.7 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

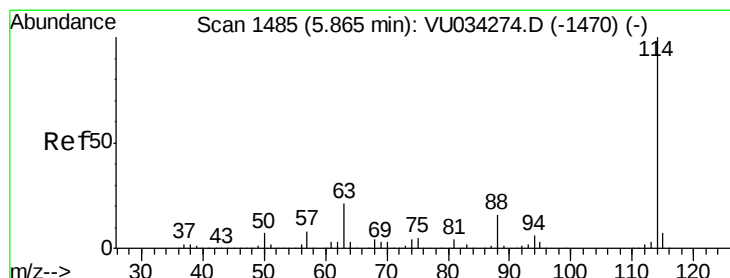
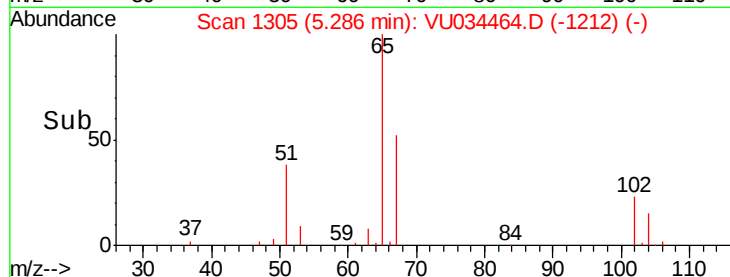
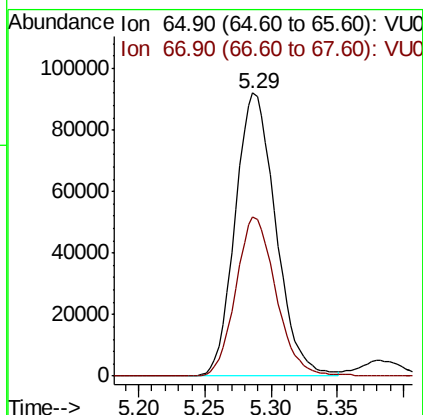
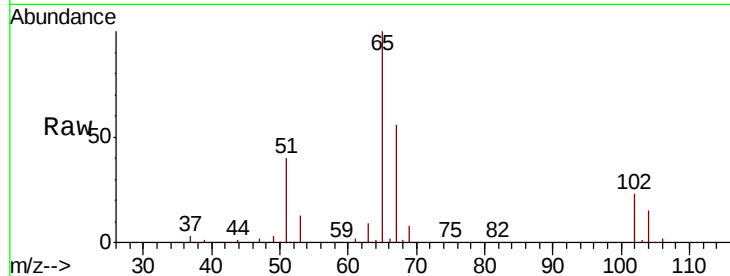




#33
 1,2-Dichloroethane-d4
 Concen: 51.350 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

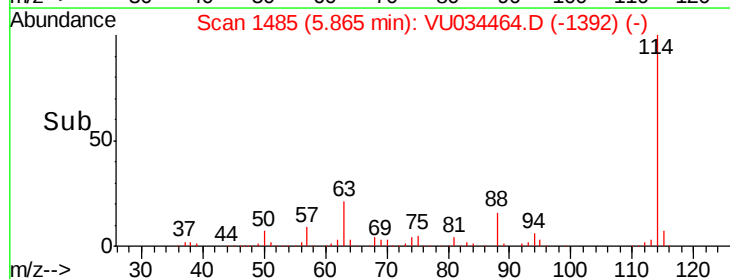
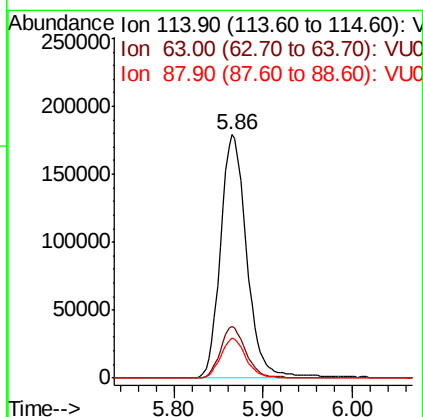
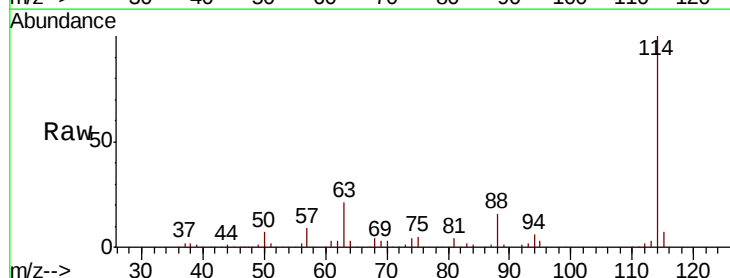
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

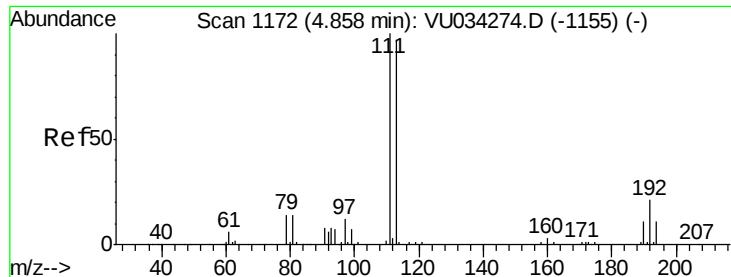
Tgt Ion: 65 Resp: 196143
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Tgt Ion: 114 Resp: 366446
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 16.4 0.0 32.4

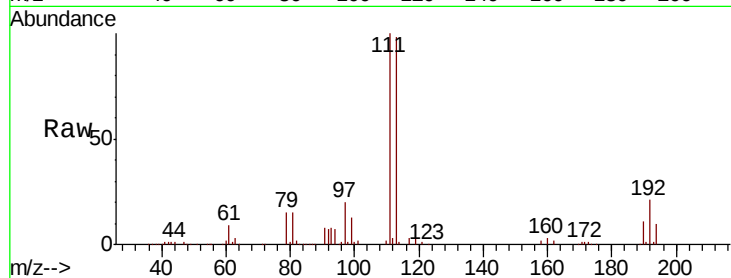




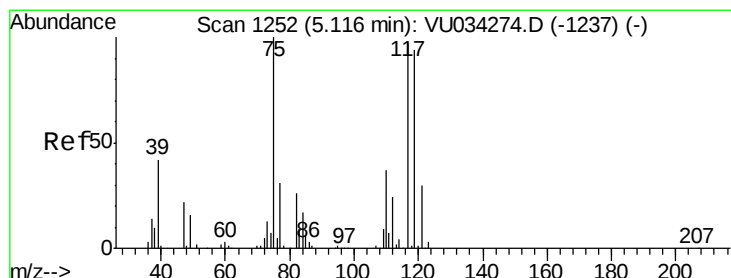
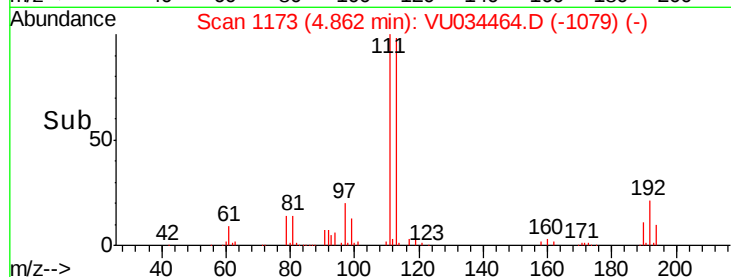
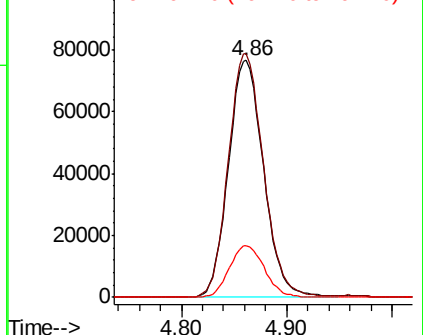
#35
 Dibromofluoromethane
 Concen: 51.963 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	21.8	17.8	26.8

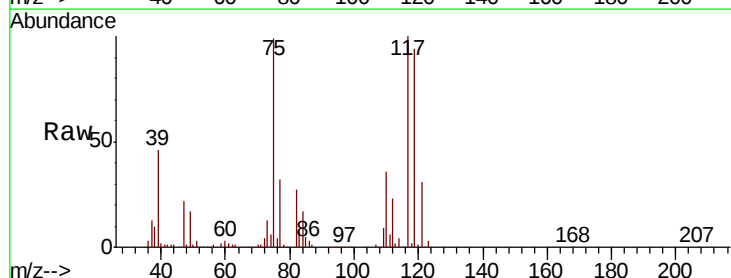


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

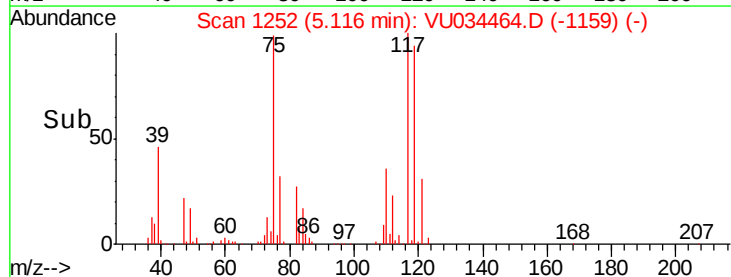
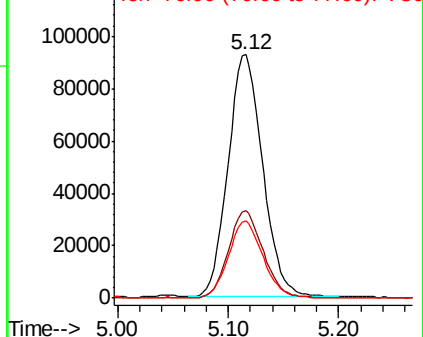


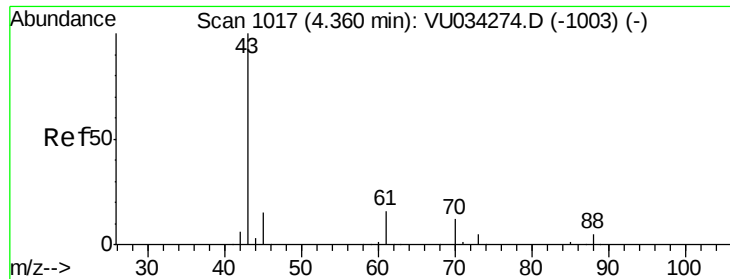
#36
 1,1-Dichloropropene
 Concen: 50.613 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.3	54.9
77	31.6	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

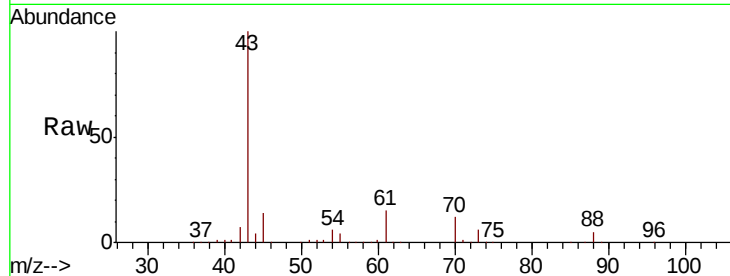




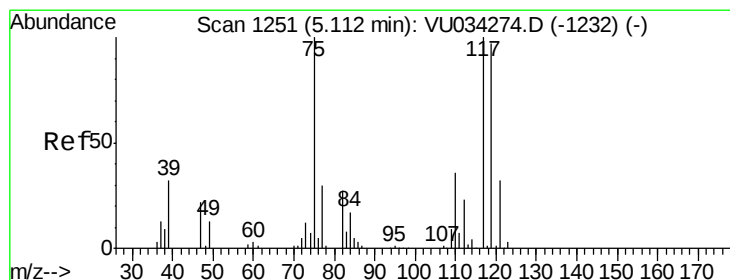
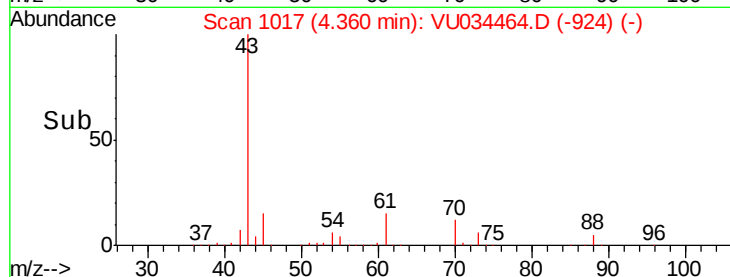
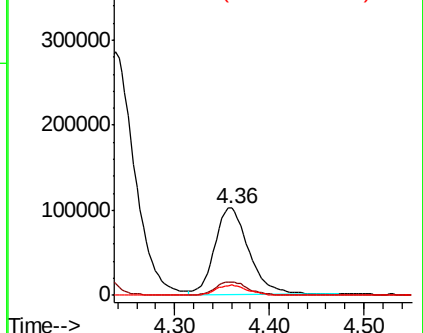
#37
 Ethyl Acetate
 Concen: 54.271 ug/l
 RT: 4.36 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 255003
 Ion Ratio Lower Upper
 43 100
 61 14.6 12.3 18.5
 70 11.5 9.1 13.7

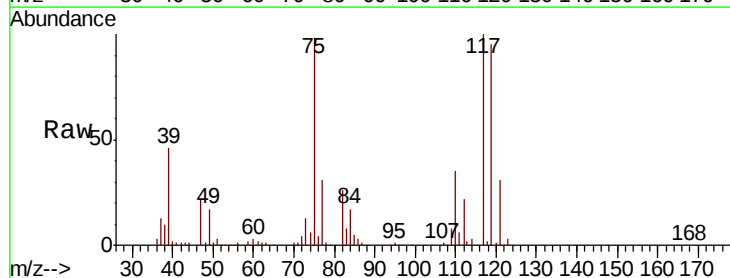


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

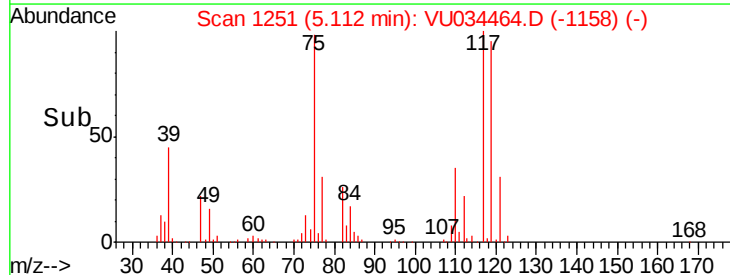
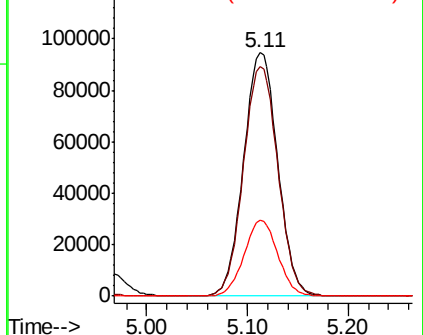


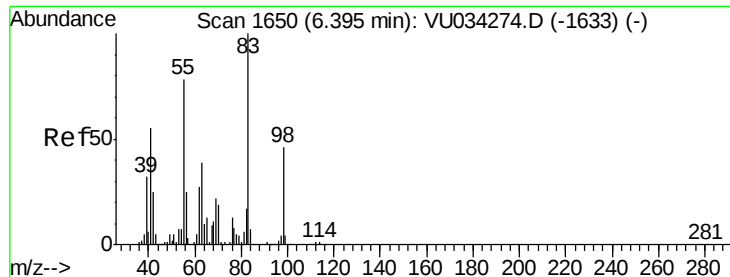
#38
 Carbon Tetrachloride
 Concen: 52.110 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Tgt Ion: 117 Resp: 221119
 Ion Ratio Lower Upper
 117 100
 119 94.6 77.8 116.6
 121 31.3 25.2 37.8



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 48.134 ug/l

RT: 6.40 min Scan# 1650

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

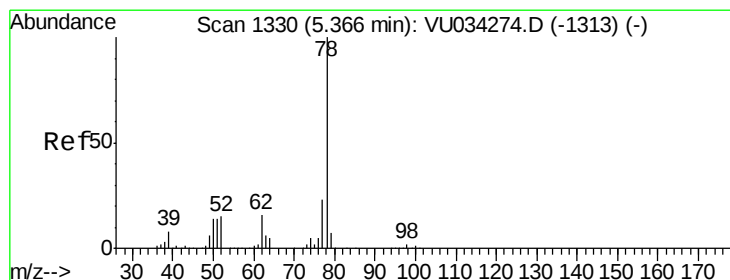
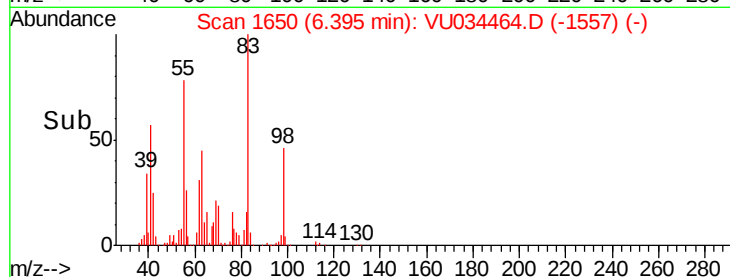
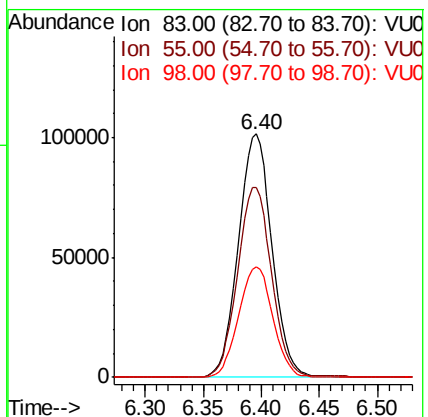
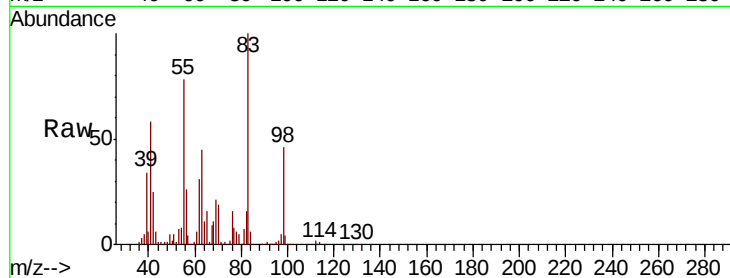
Tgt Ion: 83 Resp: 204492

Ion Ratio Lower Upper

83 100

55 78.2 62.1 93.1

98 45.6 37.0 55.6



#40

Benzene

Concen: 52.547 ug/l

RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VU034464.D

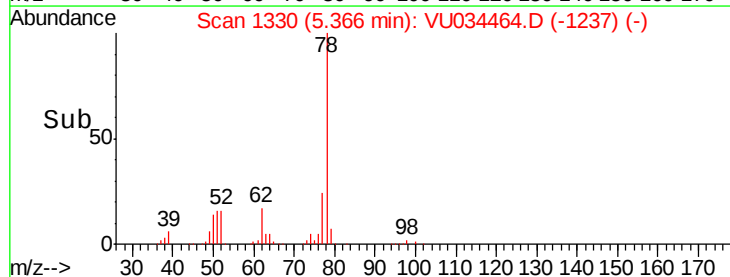
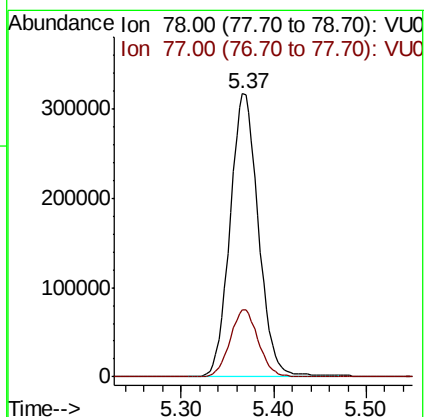
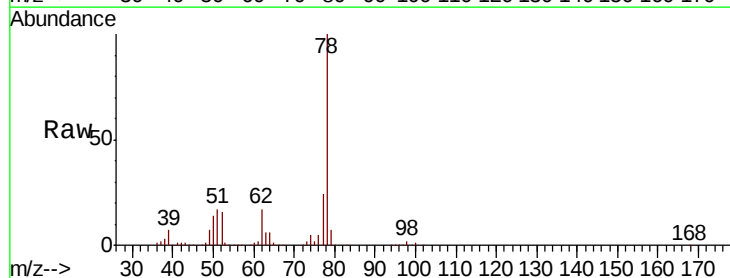
Acq: 10 Sep 2019 20:13

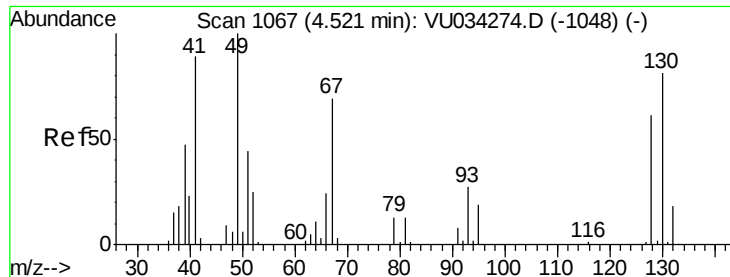
Tgt Ion: 78 Resp: 673845

Ion Ratio Lower Upper

78 100

77 23.8 18.7 28.1





#41

Methacrylonitrile

Concen: 56.814 ug/l

RT: 4.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 142195

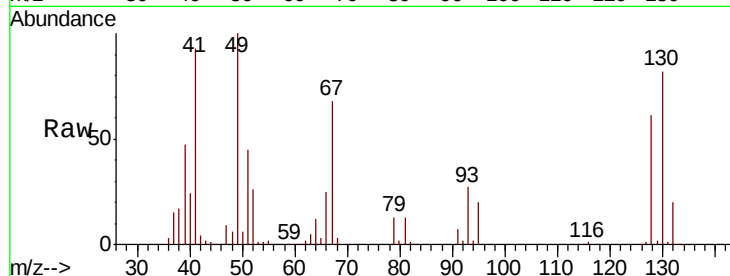
Ion Ratio Lower Upper

41 100

39 51.3 41.0 61.4

67 78.1 62.4 93.6

52 28.6 23.6 35.4

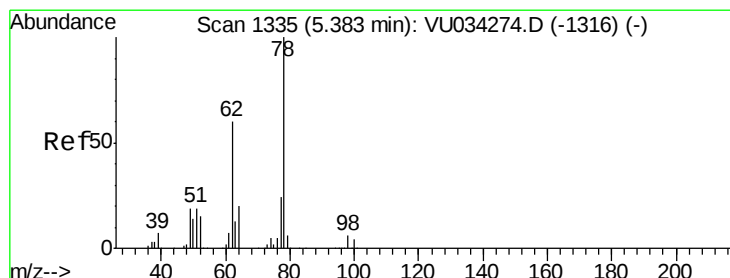
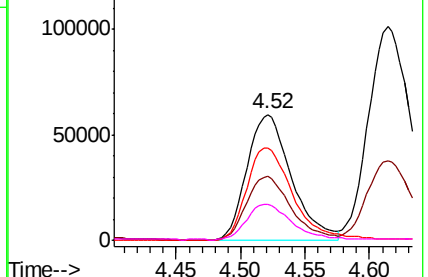
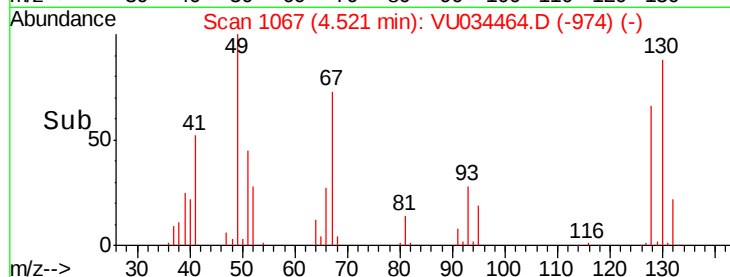


Abundance Ion 41.00 (40.70 to 41.70): VU0

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: 53.360 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU034464.D

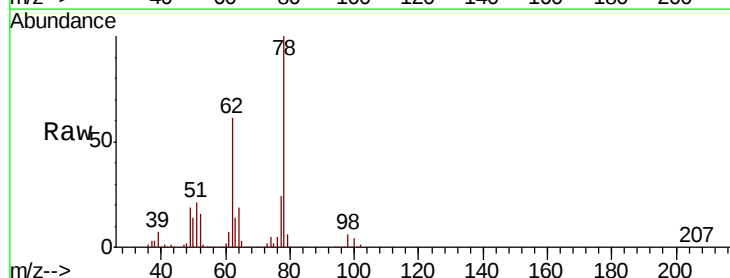
Acq: 10 Sep 2019 20:13

Tgt Ion: 62 Resp: 237574

Ion Ratio Lower Upper

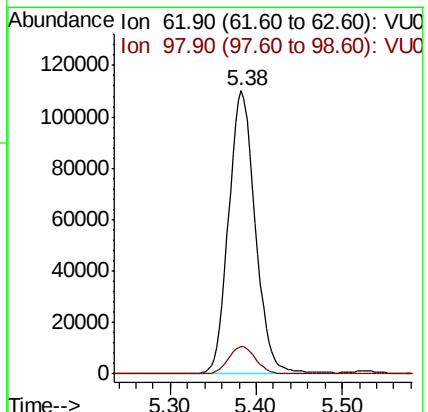
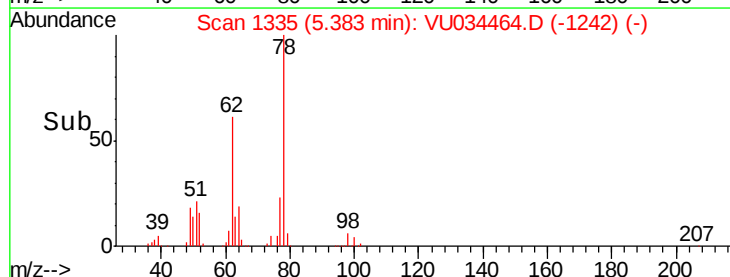
62 100

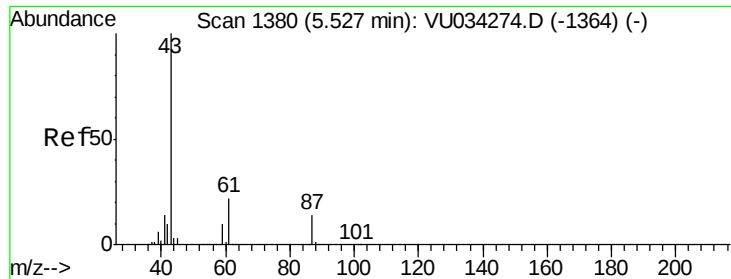
98 9.9 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 54.365 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

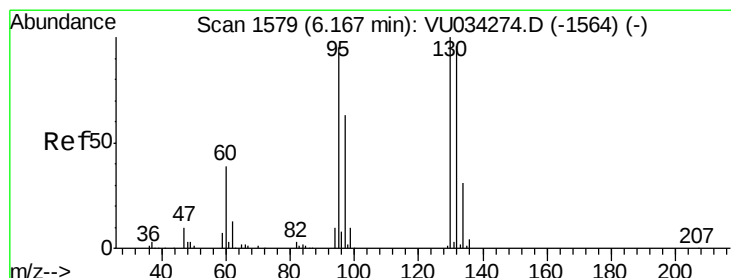
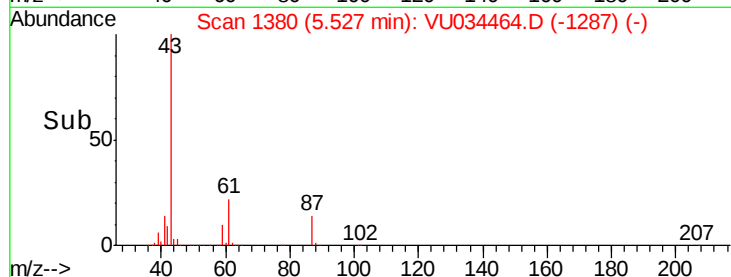
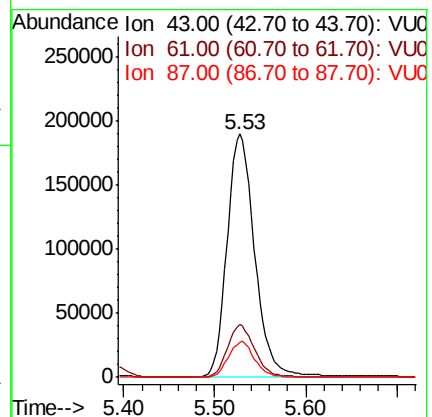
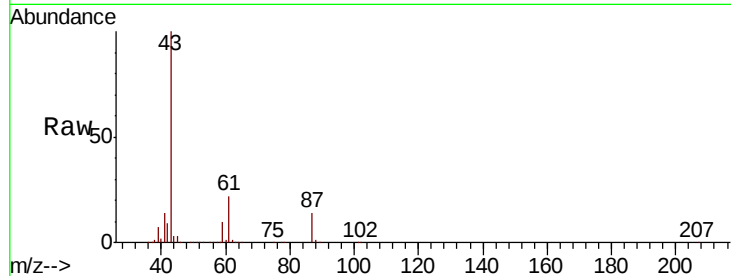
Tgt Ion: 43 Resp: 398494

Ion Ratio Lower Upper

43 100

61 21.4 17.1 25.7

87 14.2 11.1 16.7



#44

Trichloroethene

Concen: 50.740 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034464.D

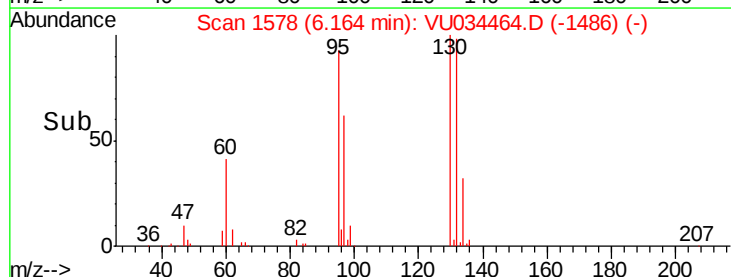
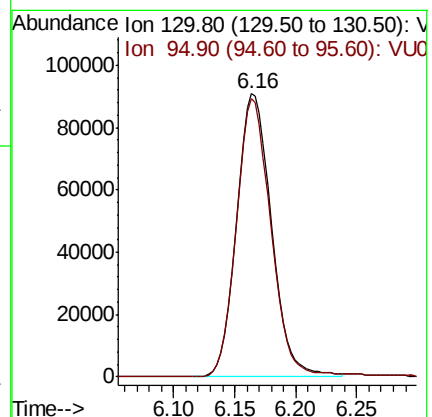
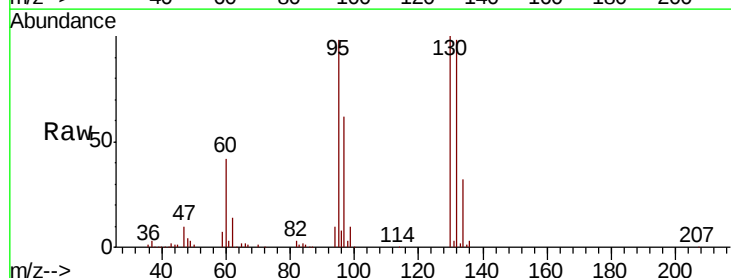
Acq: 10 Sep 2019 20:13

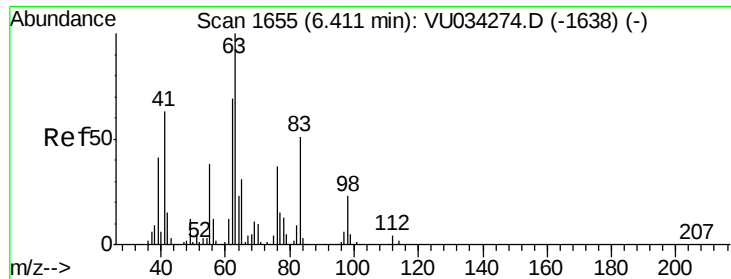
Tgt Ion: 130 Resp: 180054

Ion Ratio Lower Upper

130 100

95 98.4 0.0 189.2





#45

1,2-Dichloropropane

Concen: 53.522 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

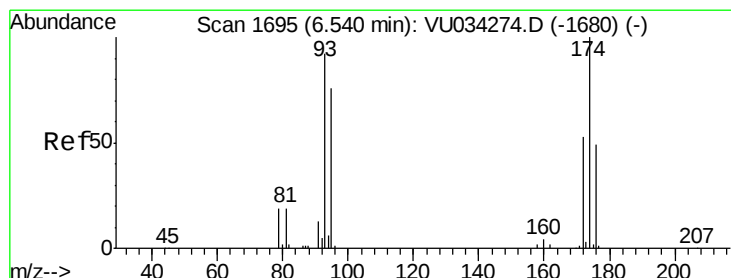
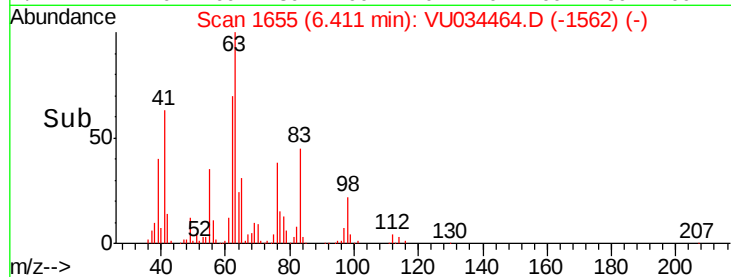
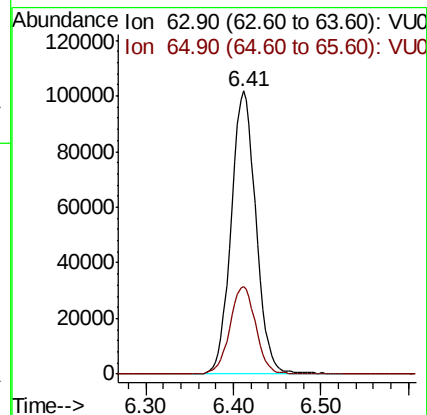
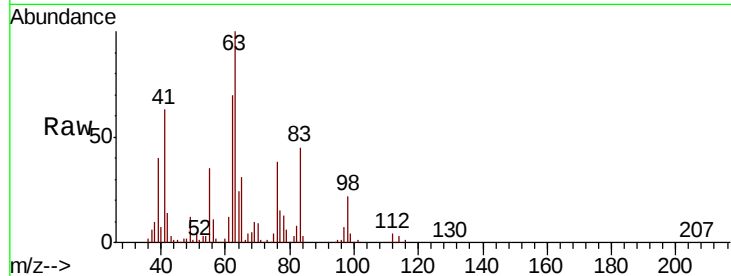
VSTDCCC050EC

Tgt Ion: 63 Resp: 200645

Ion Ratio Lower Upper

63 100

65 31.2 24.6 37.0



#46

Dibromomethane

Concen: 53.414 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

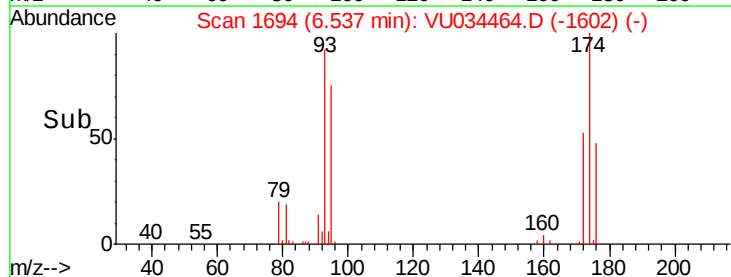
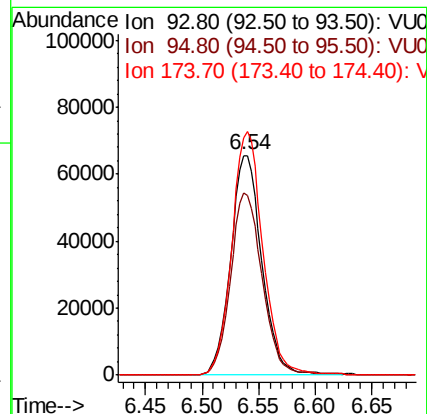
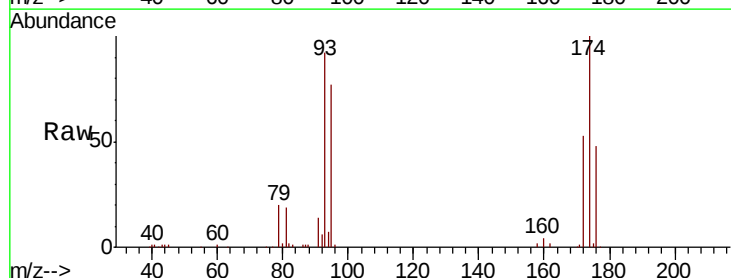
Tgt Ion: 93 Resp: 125693

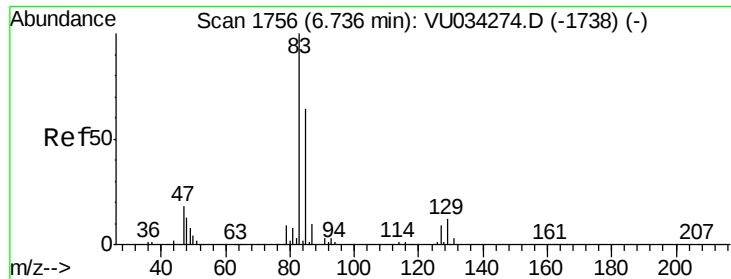
Ion Ratio Lower Upper

93 100

95 84.0 66.5 99.7

174 110.9 87.8 131.6

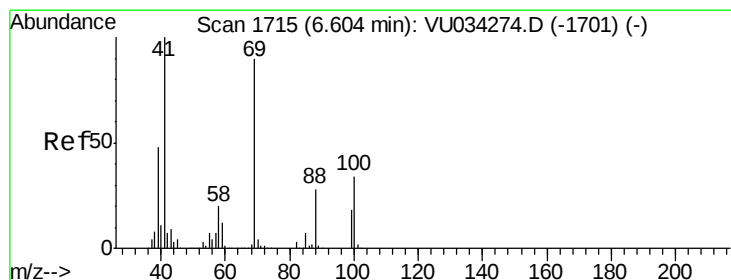
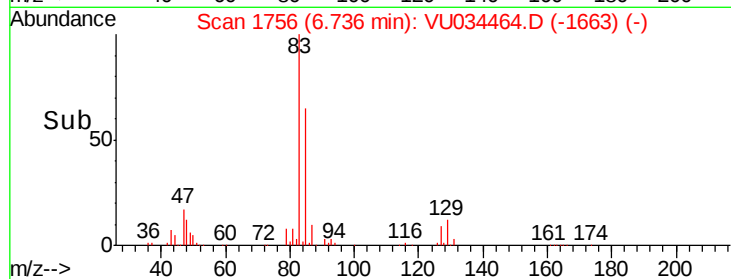
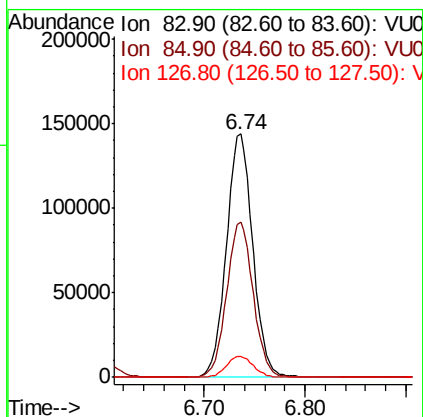
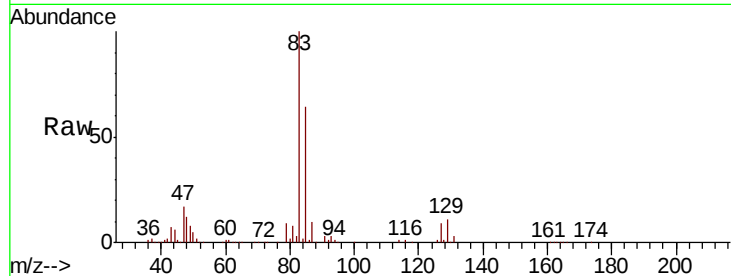




#47
Bromodichloromethane
Concen: 54.322 ug/l
RT: 6.74 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

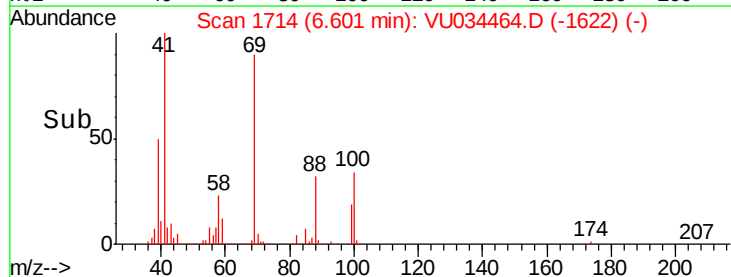
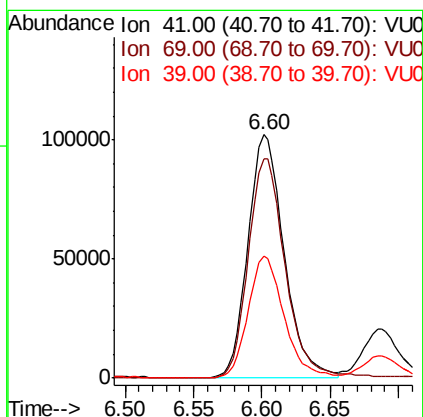
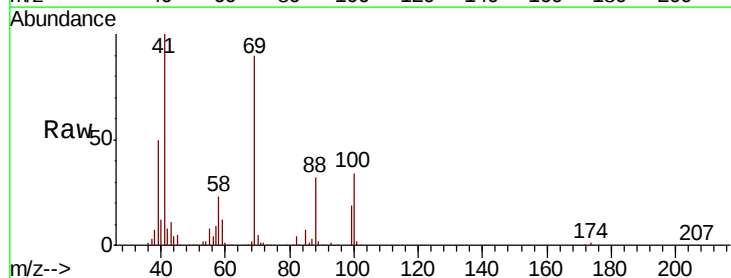
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

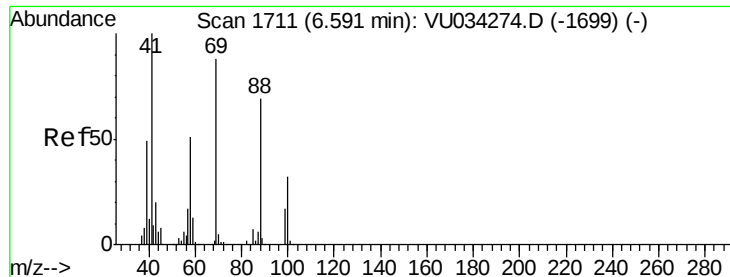
Tgt Ion: 83 Resp: 263127
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.7 7.2 10.8



#48
Methyl methacrylate
Concen: 53.723 ug/l
RT: 6.60 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Tgt Ion: 41 Resp: 187034
Ion Ratio Lower Upper
41 100
69 93.7 72.8 109.2
39 49.4 38.6 58.0





#49

1,4-Dioxane

Concen: 1092.829 ug/l

RT: 6.59 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

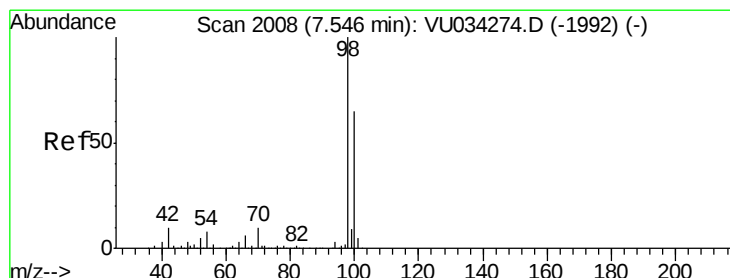
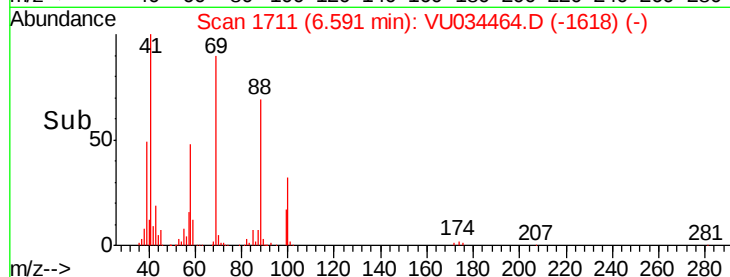
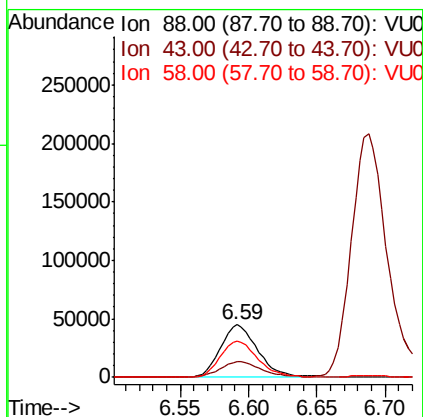
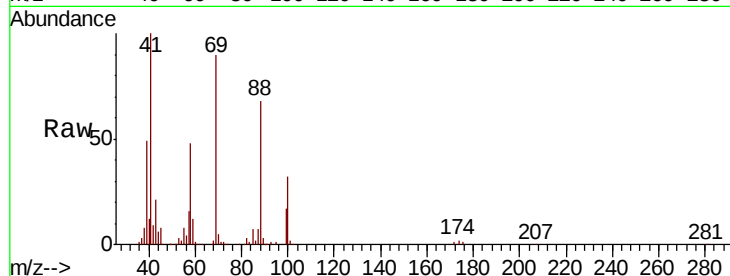
Tgt Ion: 88 Resp: 83079

Ion Ratio Lower Upper

88 100

43 30.6 23.8 35.6

58 72.0 58.4 87.6



#50

Toluene-d8

Concen: 52.305 ug/l

RT: 7.54 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VU034464.D

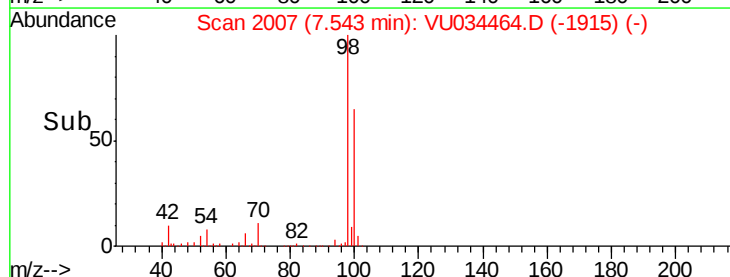
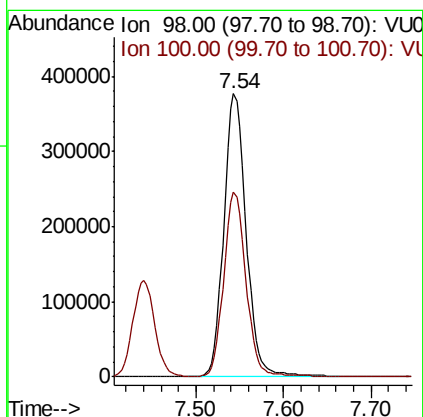
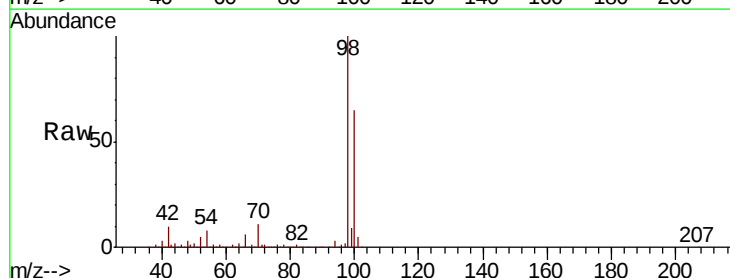
Acq: 10 Sep 2019 20:13

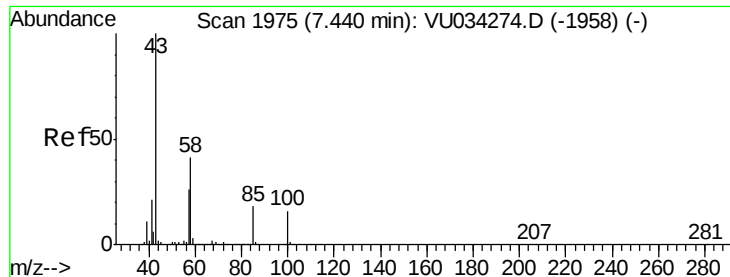
Tgt Ion: 98 Resp: 670066

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5

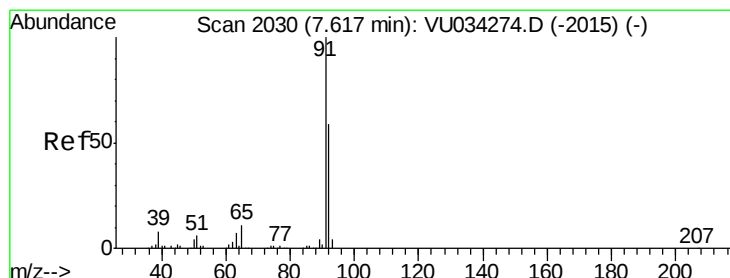
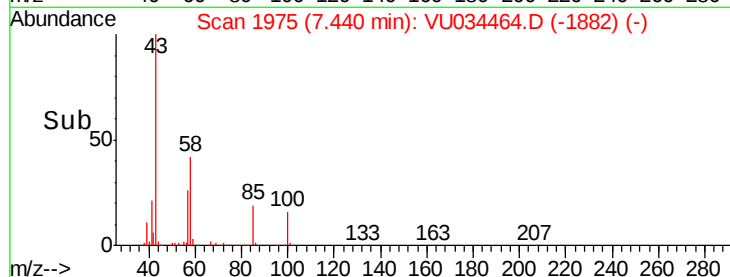
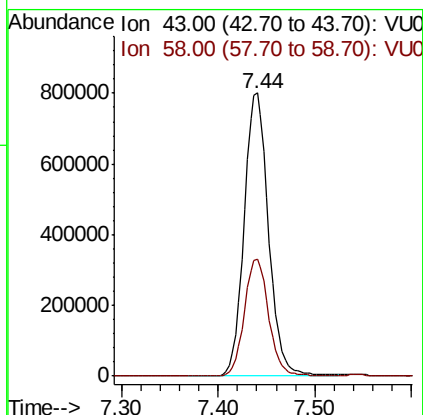
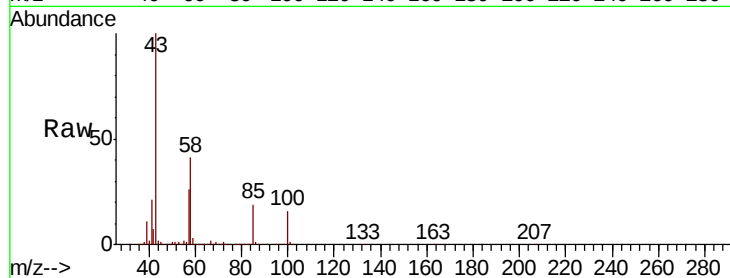




#51
 4-Methyl-2-Pentanone
 Concen: 275.834 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

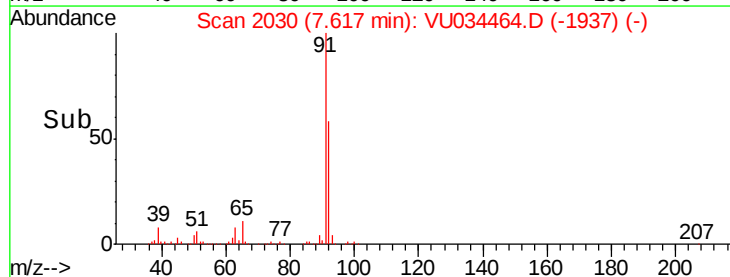
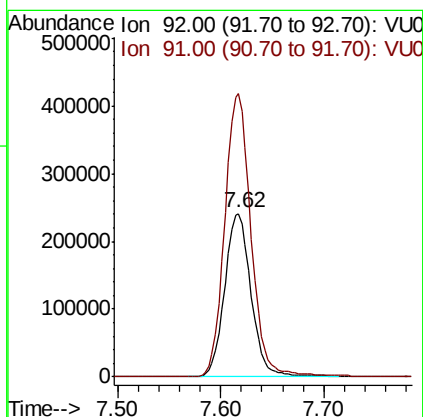
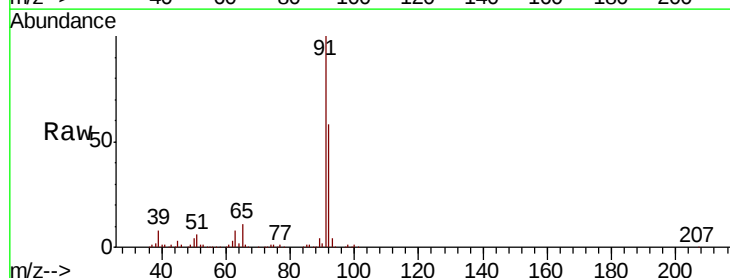
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

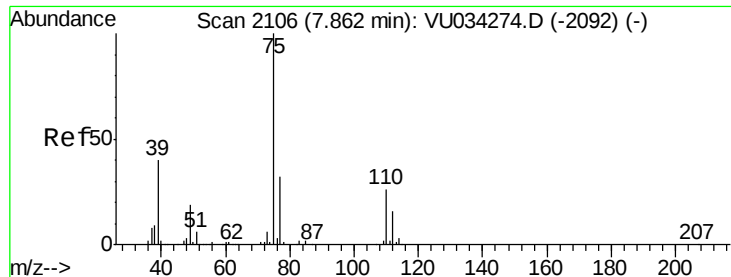
Tgt Ion: 43 Resp: 1399521
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.0 49.4



#52
 Toluene
 Concen: 53.589 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Tgt Ion: 92 Resp: 431087
 Ion Ratio Lower Upper
 92 100
 91 173.2 136.6 205.0

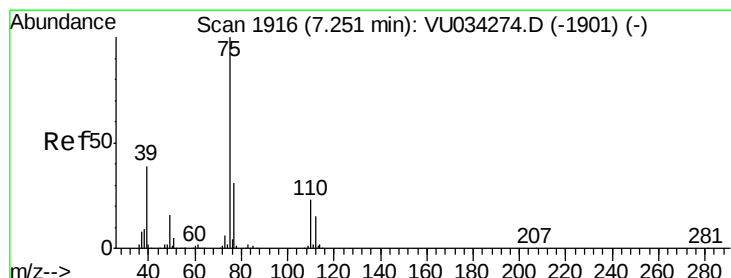
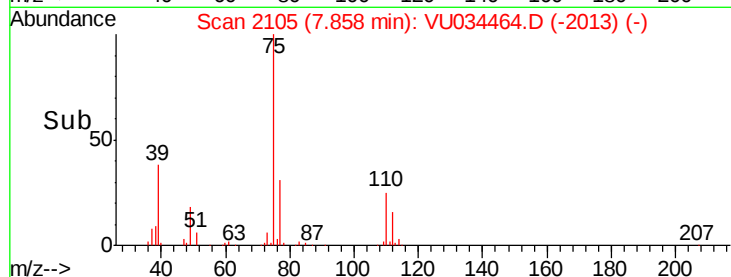
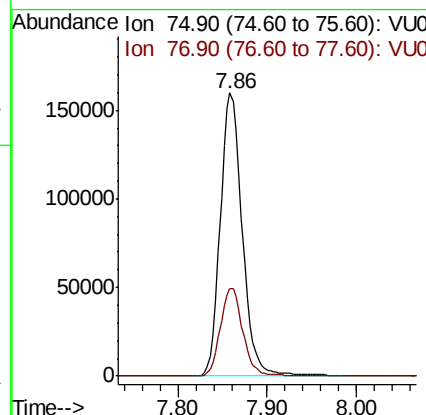
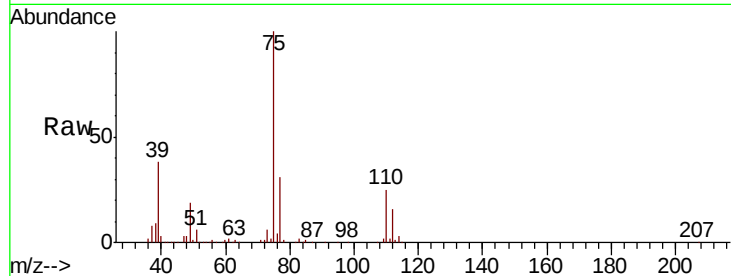




#53
 t-1,3-Dichloropropene
 Concen: 54.439 ug/l
 RT: 7.86 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

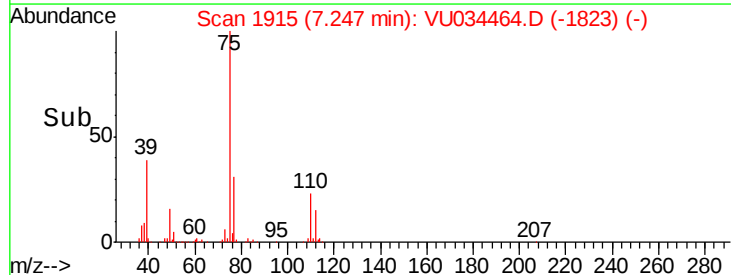
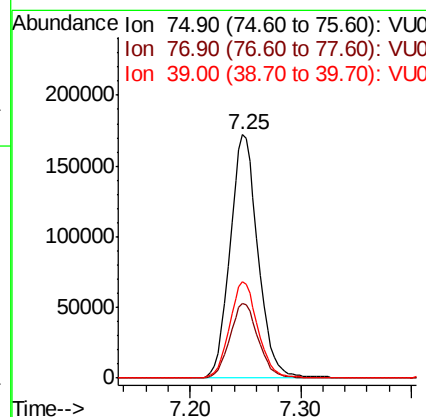
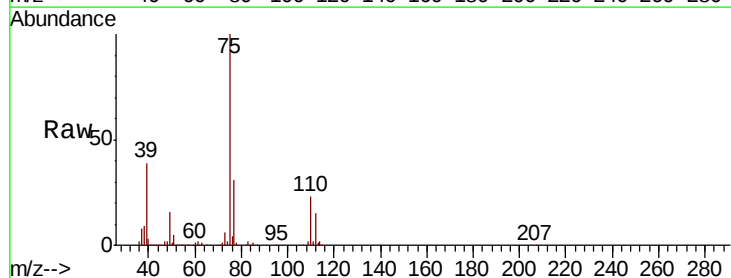
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

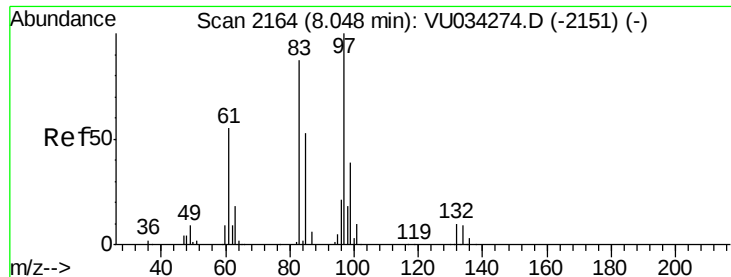
Tgt Ion: 75 Resp: 273353
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 54.806 ug/l
 RT: 7.25 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Tgt Ion: 75 Resp: 302034
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.1 37.7
 39 39.3 31.2 46.8

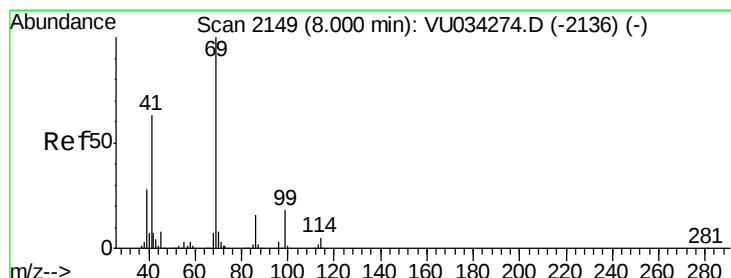
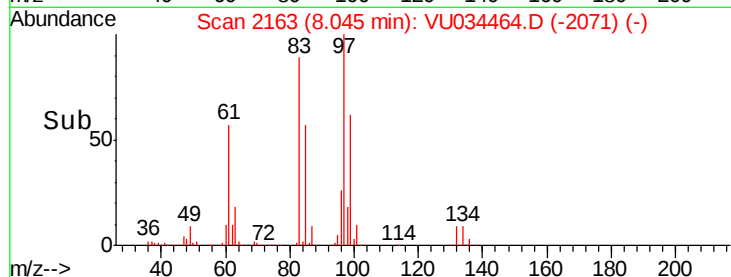
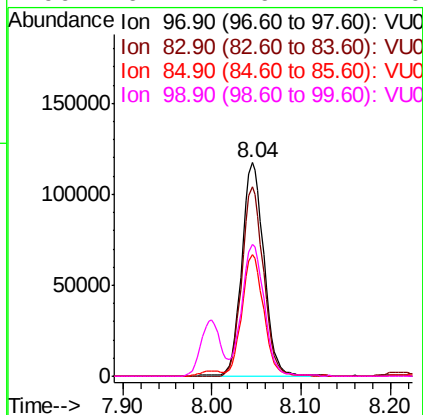
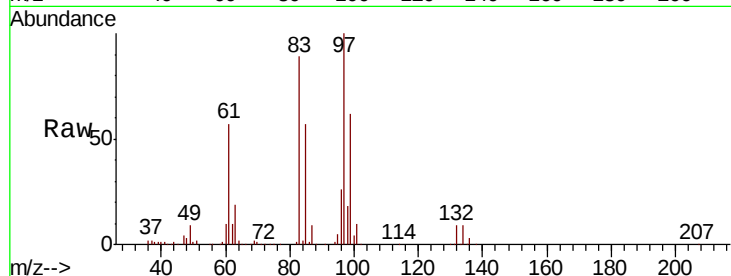




#55
 1,1,2-Trichloroethane
 Concen: 55.584 ug/l
 RT: 8.04 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

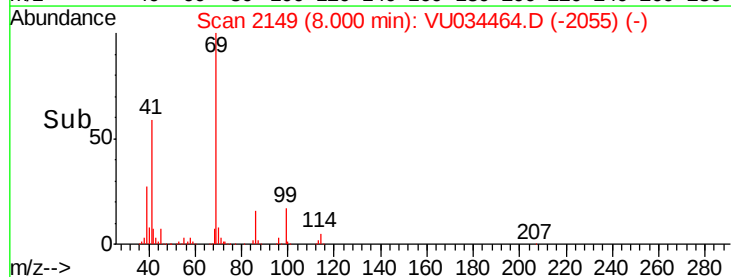
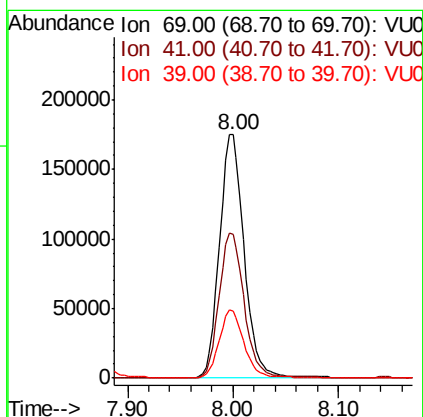
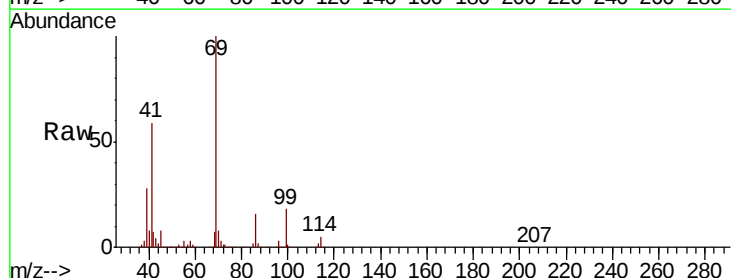
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

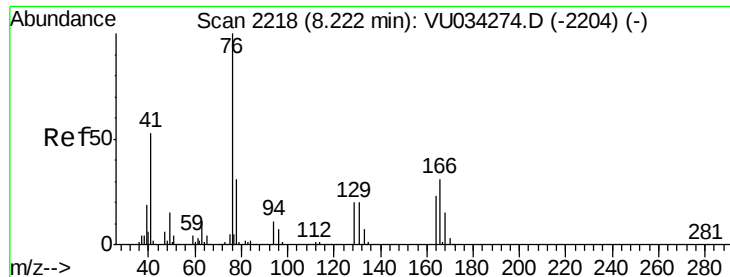
Tgt Ion:	97	Resp:	203034
Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.0	103.6
85	56.8	44.2	66.2
99	61.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 51.138 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Tgt Ion:	69	Resp:	284206
Ion	Ratio	Lower	Upper
69	100		
41	60.9	49.5	74.3
39	27.8	22.5	33.7

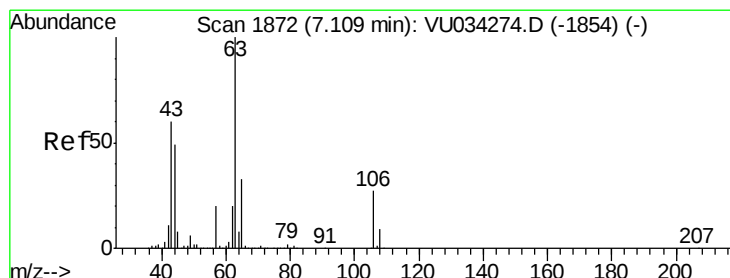
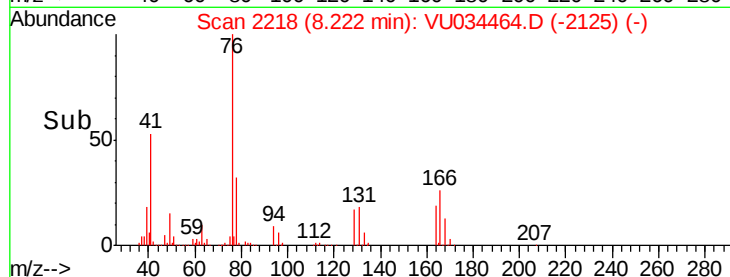
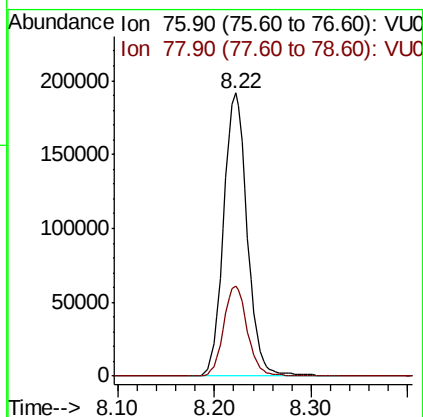
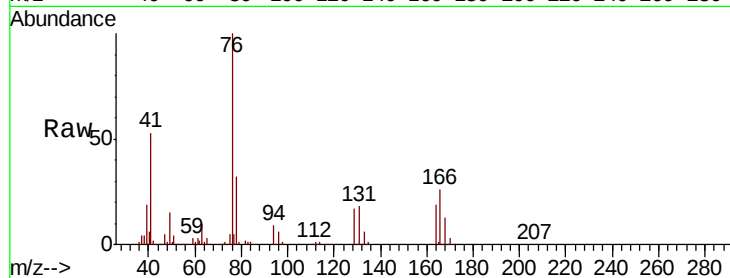




#57
 1,3-Dichloropropane
 Concen: 54.761 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

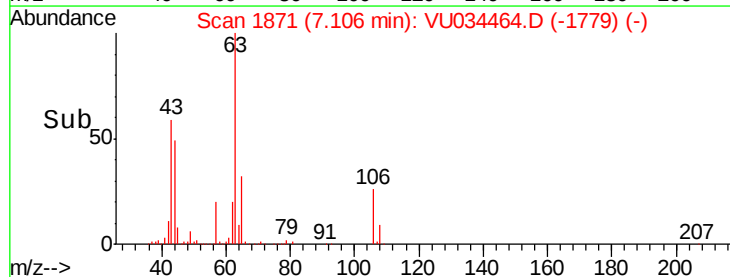
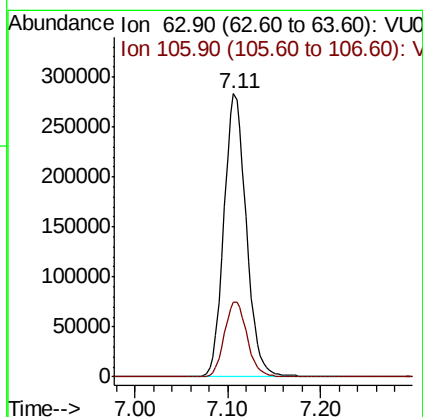
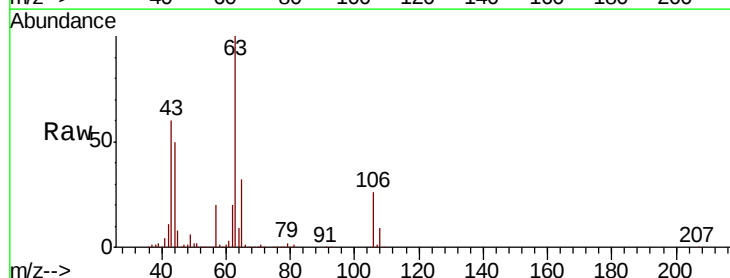
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

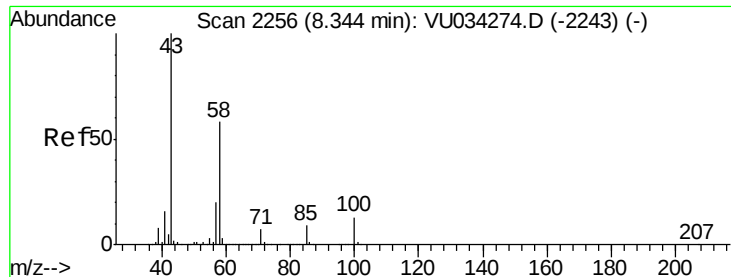
Tgt Ion: 76 Resp: 325712
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.927 ug/l
 RT: 7.11 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Tgt Ion: 63 Resp: 475269
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.6 32.4

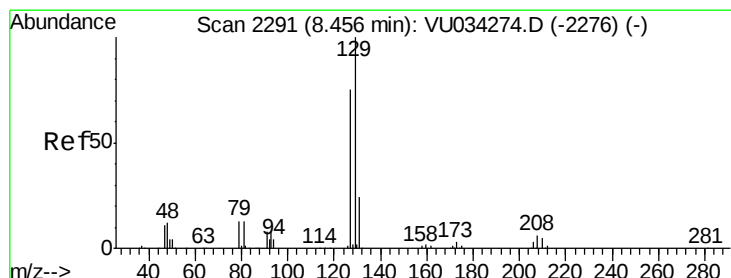
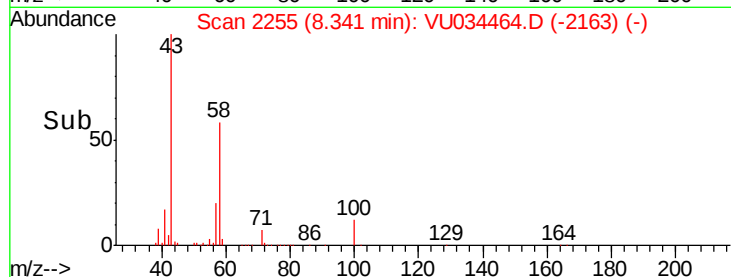
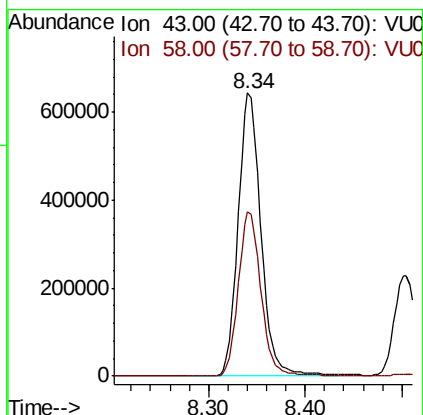
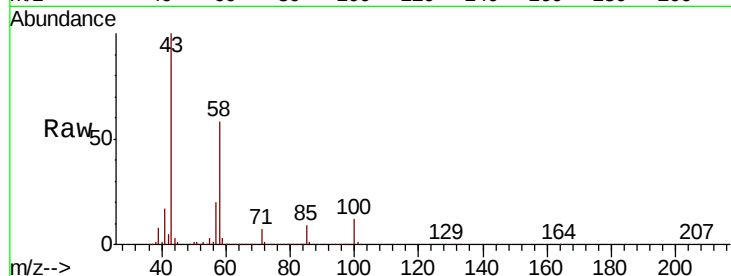




#59
2-Hexanone
Concen: 277.493 ug/l
RT: 8.34 min Scan# 2255
Delta R.T. -0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

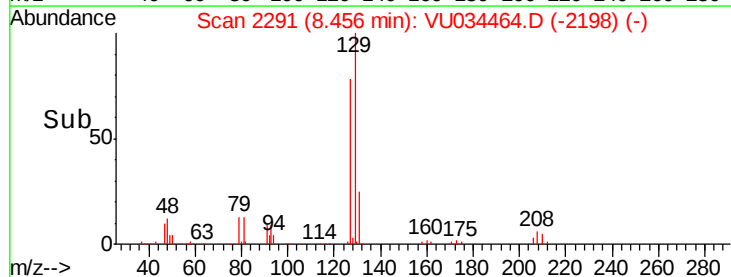
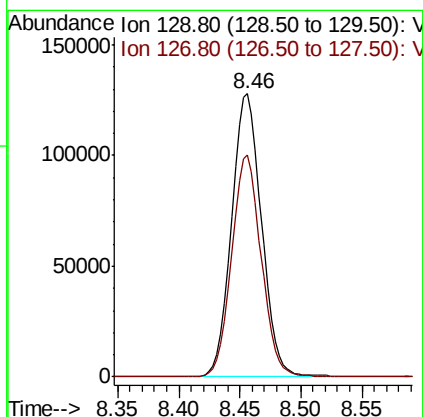
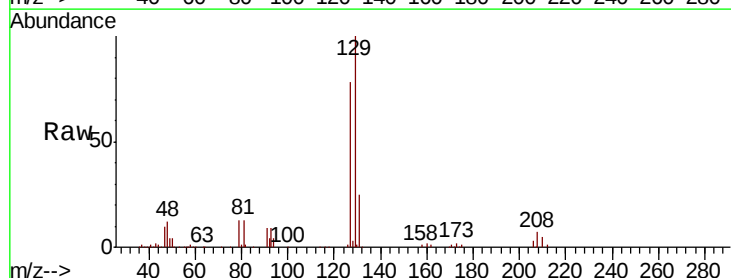
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

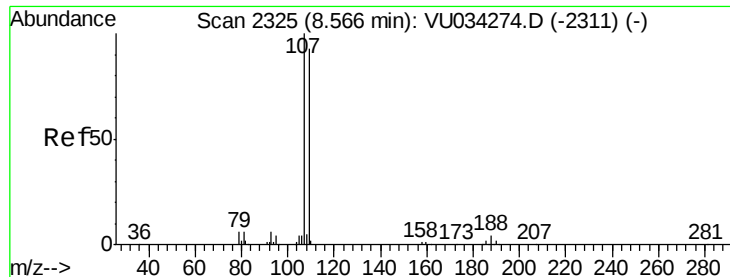
Tgt Ion: 43 Resp: 1051803
Ion Ratio Lower Upper
43 100
58 58.2 28.8 86.5



#60
Dibromochloromethane
Concen: 55.782 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Tgt Ion: 129 Resp: 218547
Ion Ratio Lower Upper
129 100
127 77.5 37.9 113.7





#61

1,2-Dibromoethane

Concen: 54.125 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

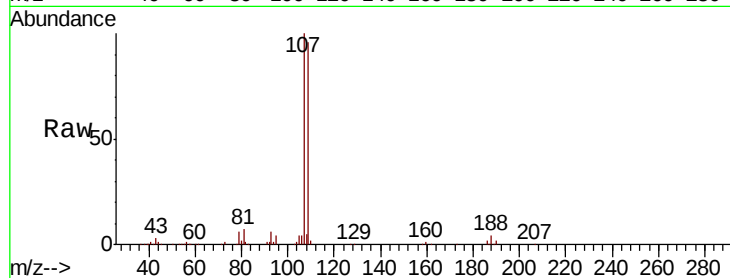
VSTDCCC050EC

Tgt Ion: 107 Resp: 193508

Ion Ratio Lower Upper

107 100

109 96.1 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57

120000

100000

80000

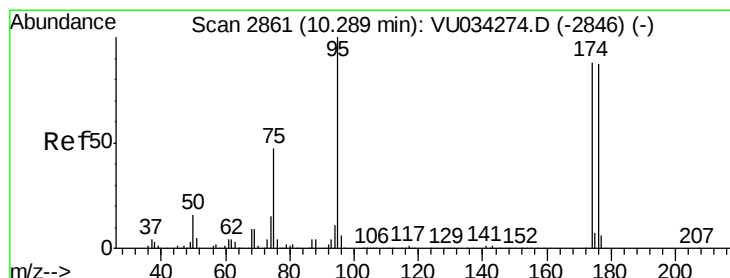
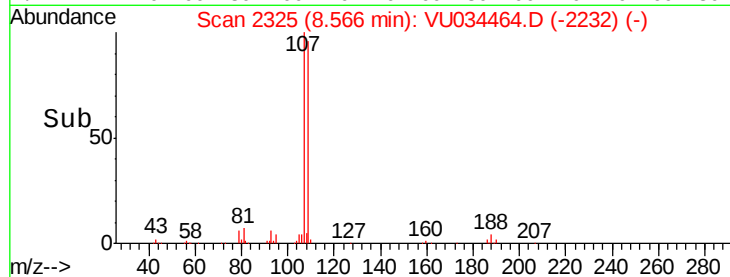
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.303 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

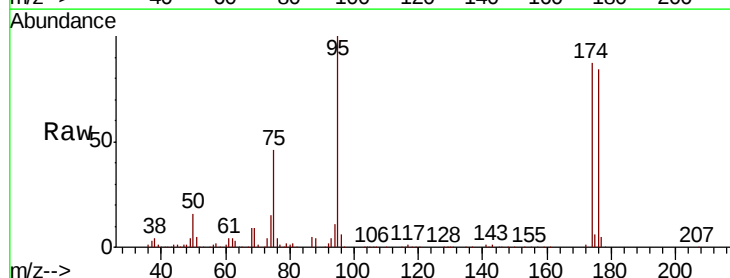
Tgt Ion: 95 Resp: 258699

Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.2

176 84.4 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

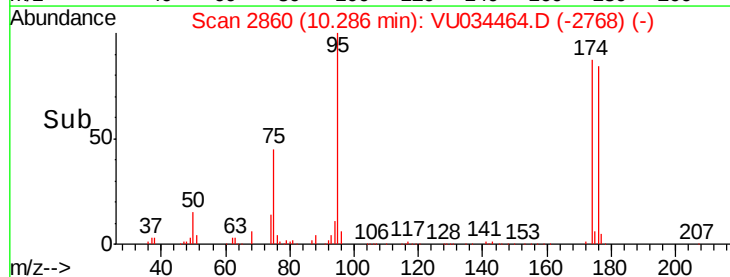
150000

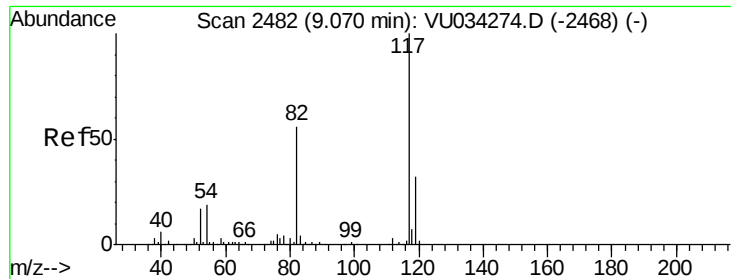
100000

50000

0

Time-->

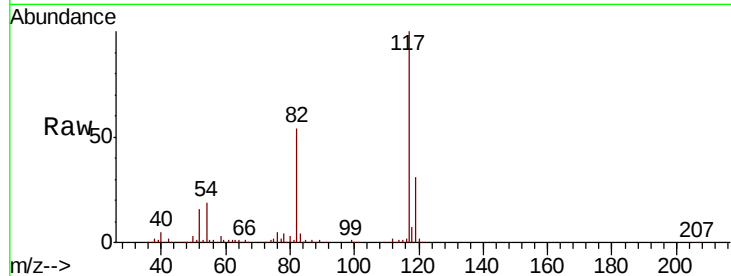




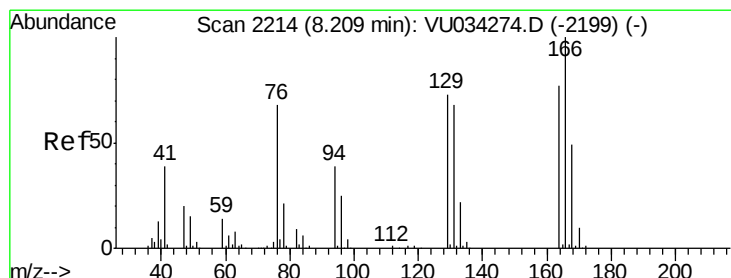
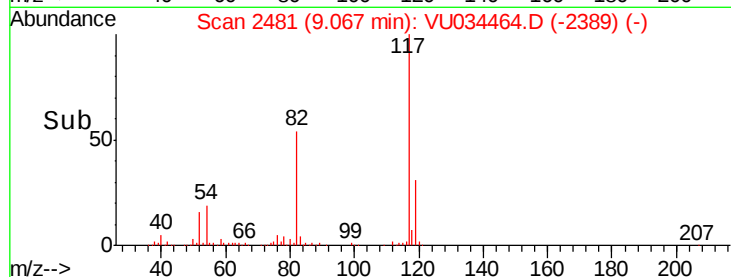
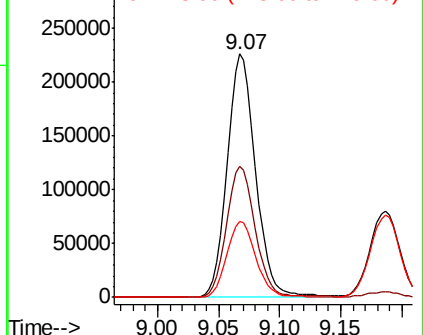
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 369775
Ion Ratio Lower Upper
117 100
82 53.9 44.6 67.0
119 31.2 25.9 38.9

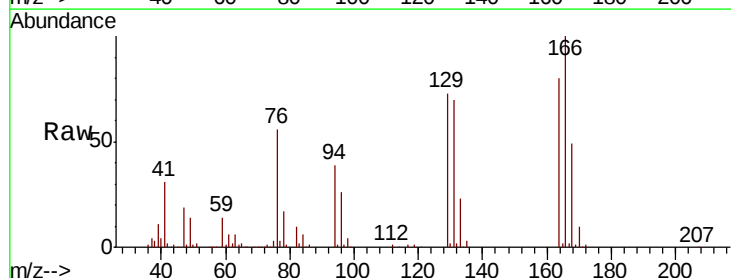


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

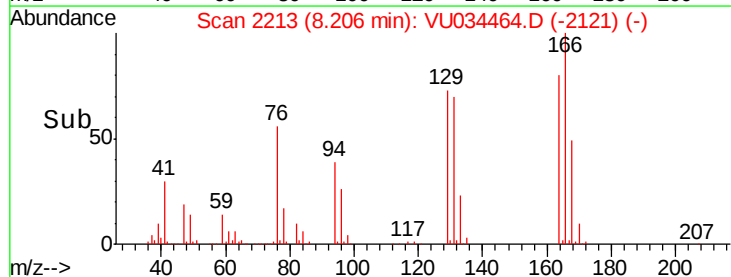
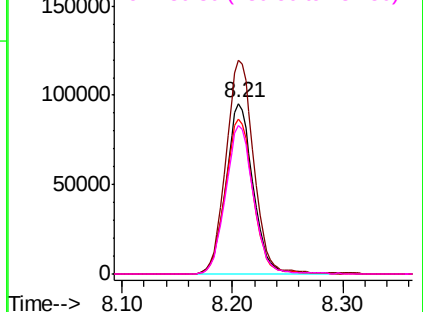


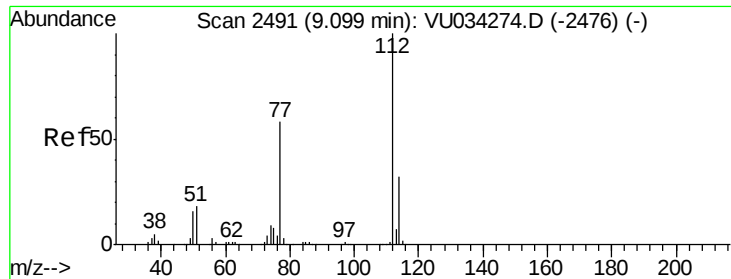
#64
Tetrachloroethene
Concen: 51.008 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Tgt Ion:164 Resp: 163635
Ion Ratio Lower Upper
164 100
166 125.0 103.7 155.5
129 90.8 75.8 113.8
131 87.1 70.7 106.1



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

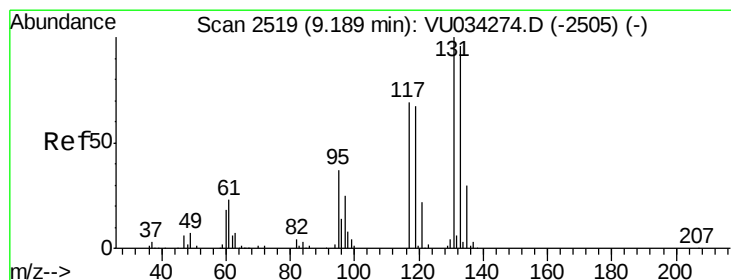
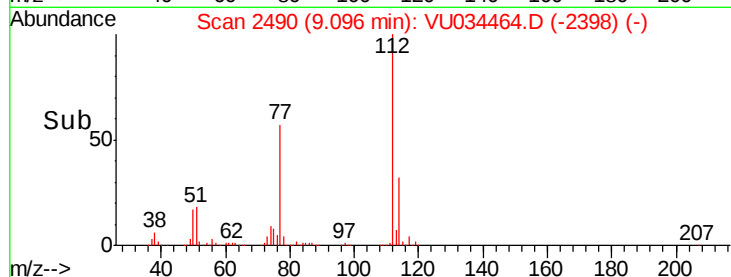
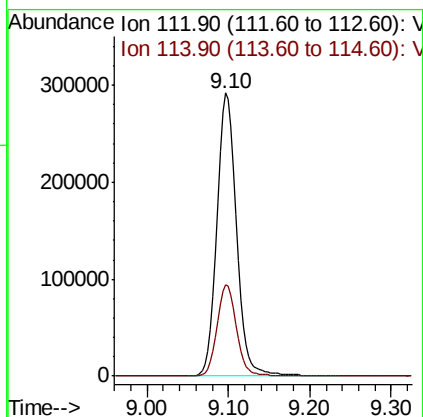
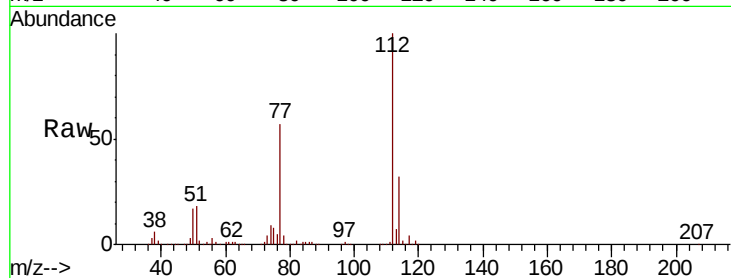




#65
Chlorobenzene
Concen: 53.329 ug/l
RT: 9.10 min Scan# 2490
Delta R.T. -0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

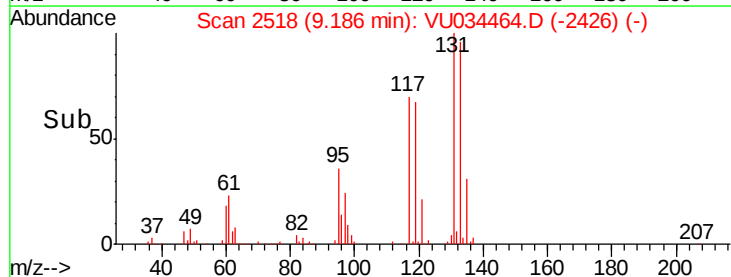
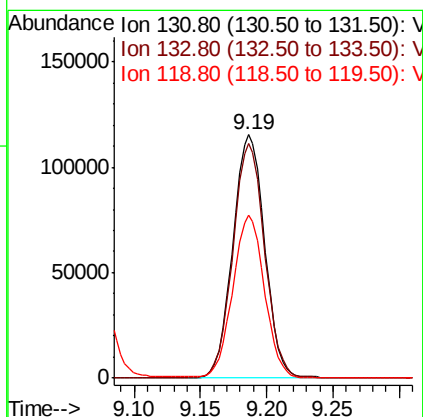
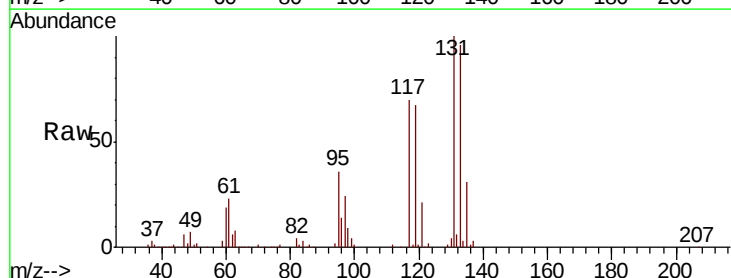
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

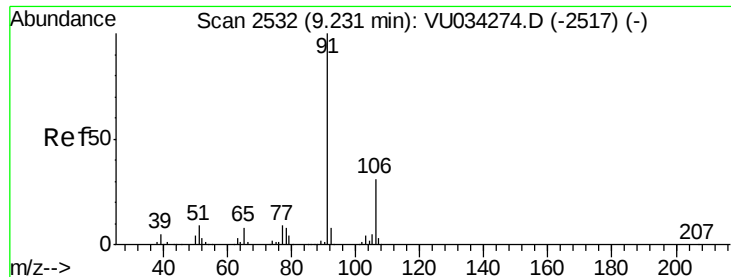
Tgt Ion:112 Resp: 500297
Ion Ratio Lower Upper
112 100
114 32.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.817 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Tgt Ion:131 Resp: 192678
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.7
119 66.1 33.1 99.5

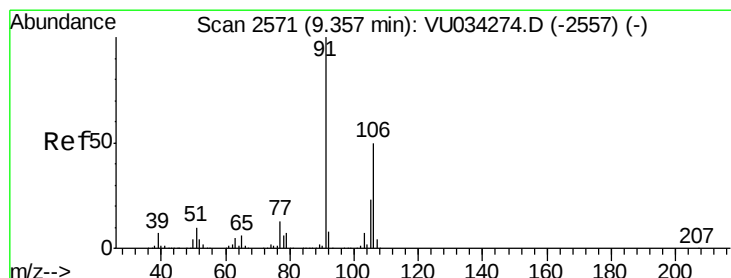
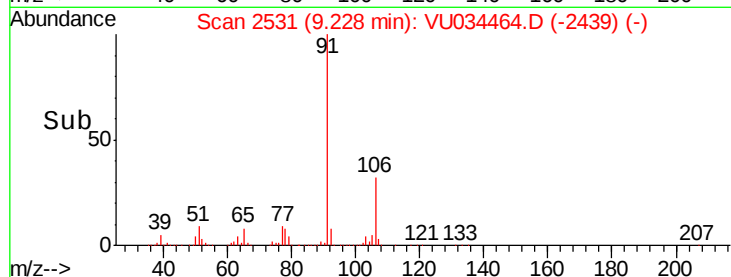
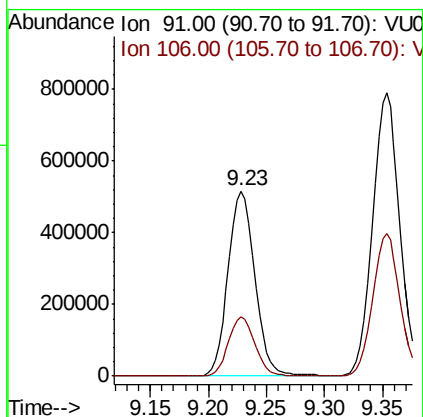
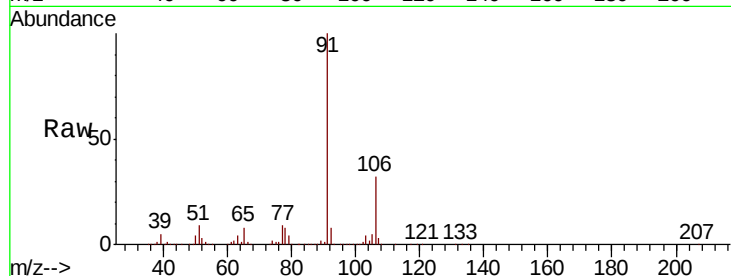




#67
Ethyl Benzene
Concen: 54.245 ug/l
RT: 9.23 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

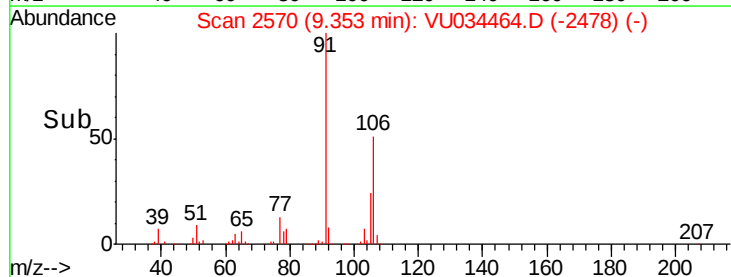
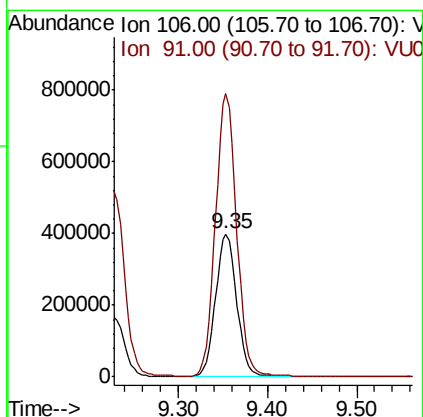
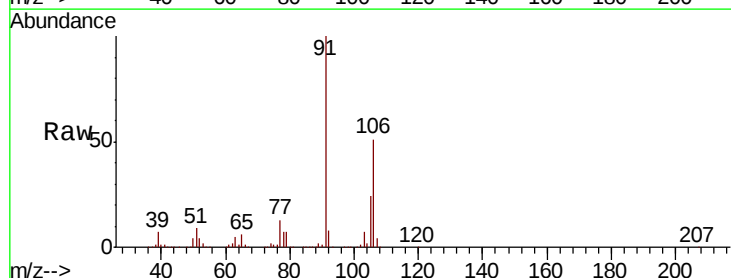
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

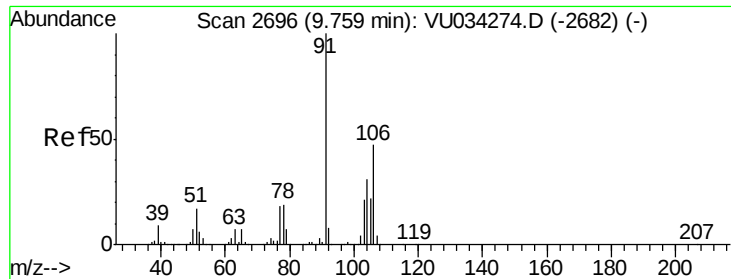
Tgt Ion: 91 Resp: 832072
Ion Ratio Lower Upper
91 100
106 31.8 24.8 37.2



#68
m/p-Xylenes
Concen: 113.673 ug/l
RT: 9.35 min Scan# 2570
Delta R.T. -0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Tgt Ion: 106 Resp: 656587
Ion Ratio Lower Upper
106 100
91 198.5 160.1 240.1

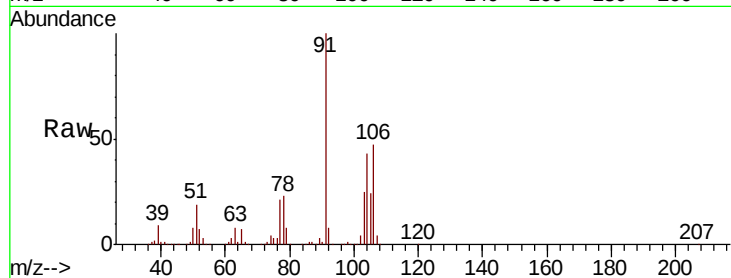




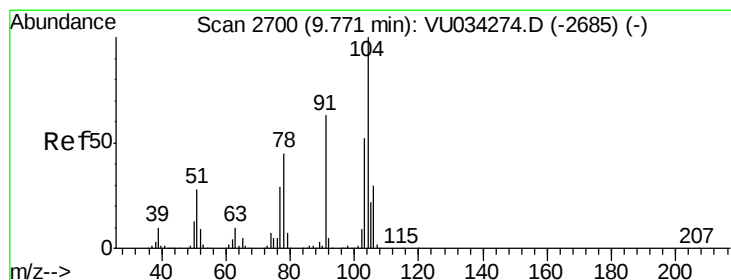
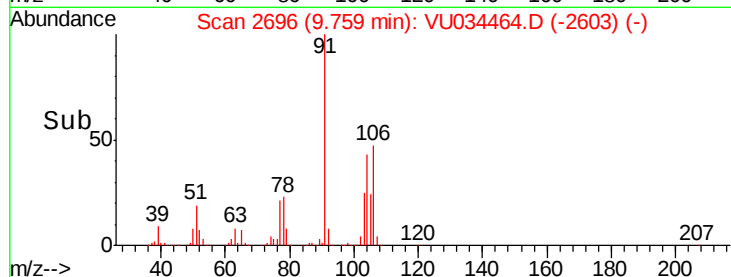
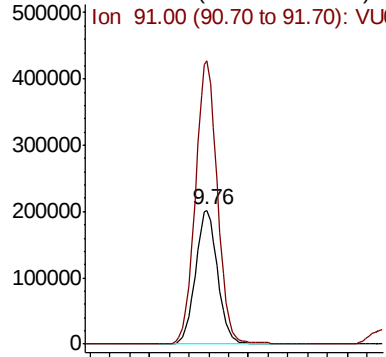
#69
o-Xylene
Concen: 56.325 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 318168
Ion Ratio Lower Upper
106 100
91 210.3 105.1 315.3

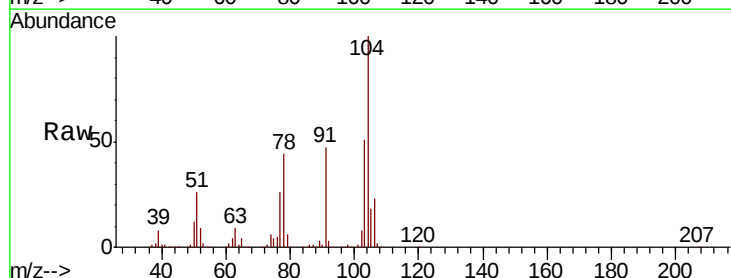


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

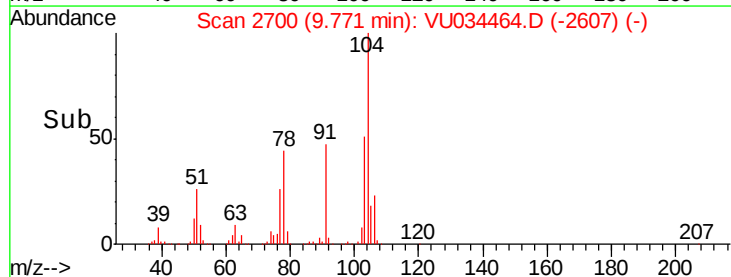
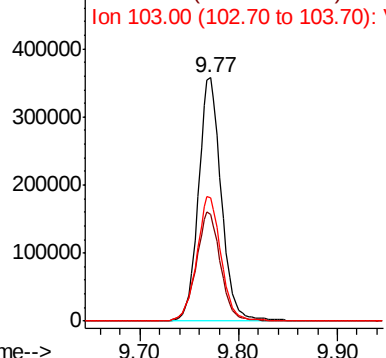


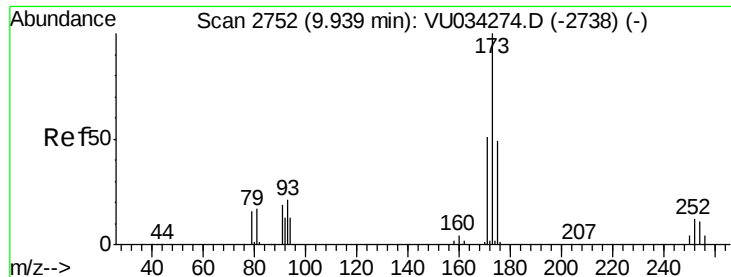
#70
Styrene
Concen: 58.722 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. 0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Tgt Ion:104 Resp: 581571
Ion Ratio Lower Upper
104 100
78 47.9 38.6 57.8
103 54.4 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 55.571 ug/l

RT: 9.94 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

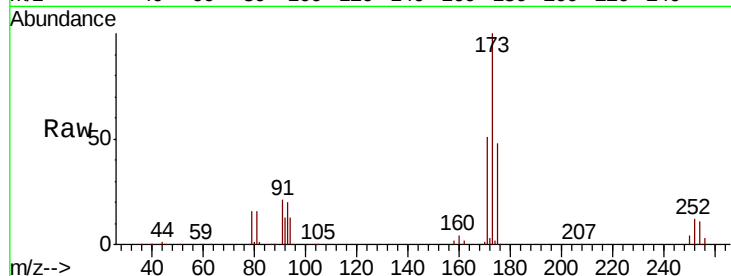
Tgt Ion:173 Resp: 172429

Ion Ratio Lower Upper

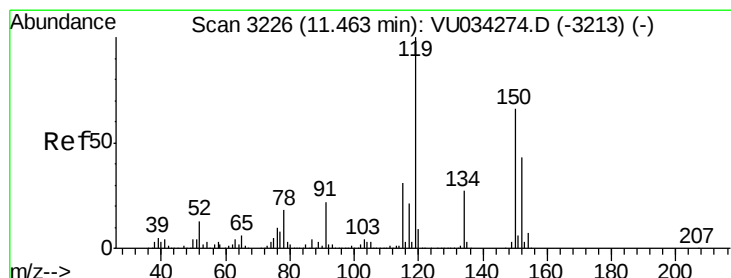
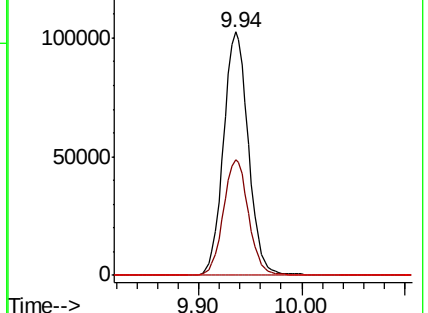
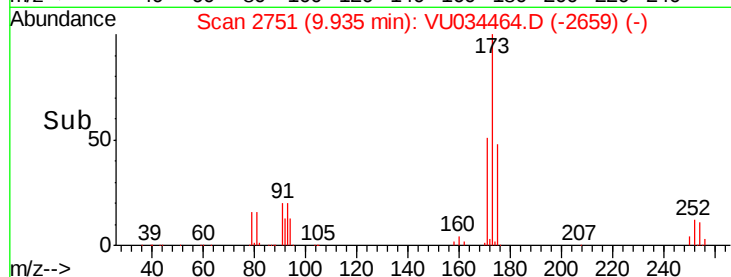
173 100

175 47.9 24.4 73.2

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3225

Delta R.T. -0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

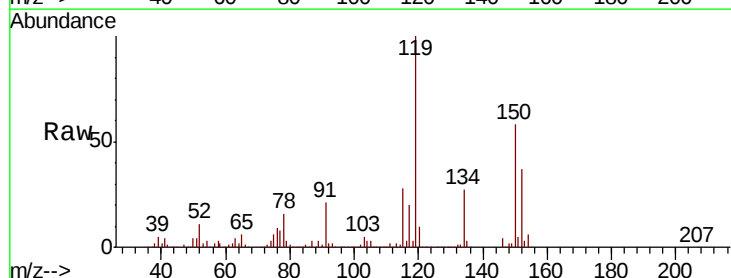
Tgt Ion:152 Resp: 252425

Ion Ratio Lower Upper

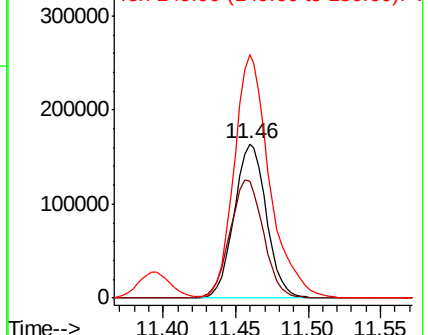
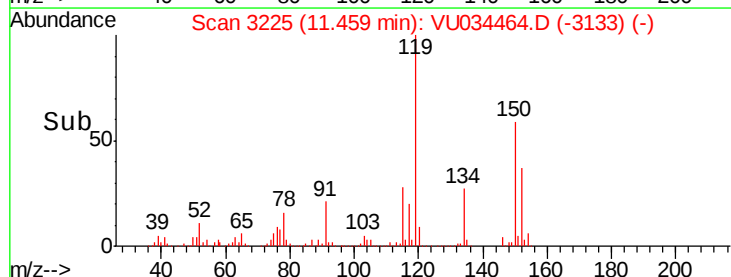
152 100

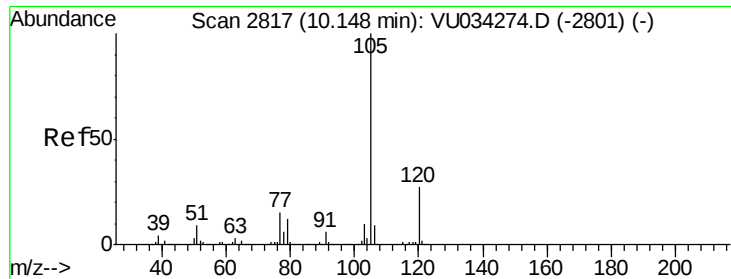
115 80.1 39.1 117.3

150 173.3 0.0 345.4



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





#73

Isopropylbenzene

Concen: 53.359 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

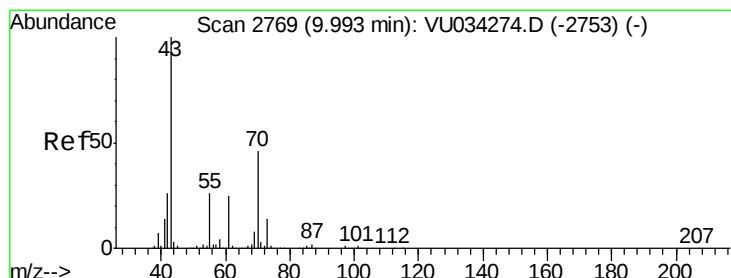
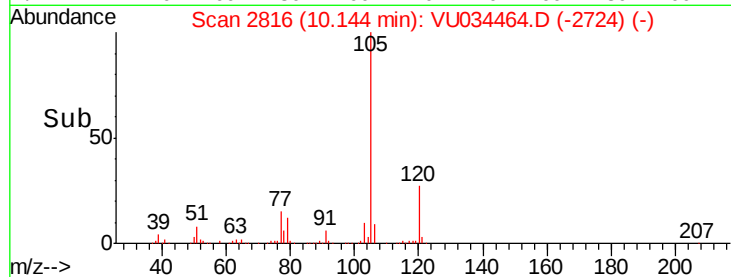
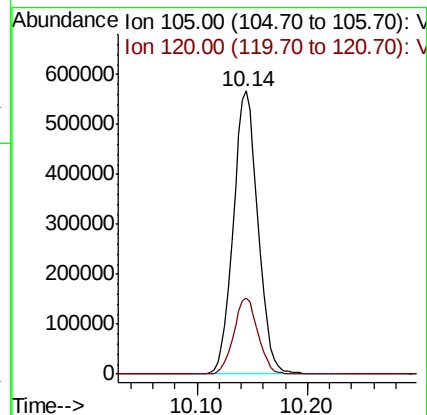
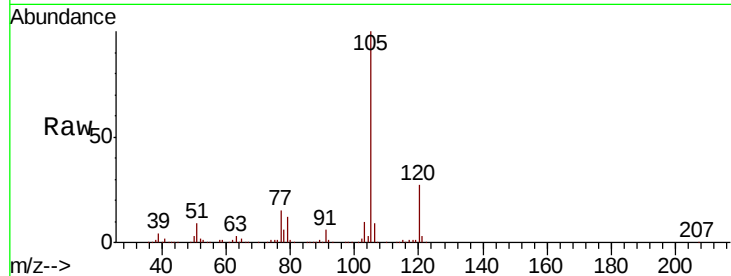
VSTDCCC050EC

Tgt Ion:105 Resp: 876546

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 55.257 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. 0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Tgt Ion: 43 Resp: 365384

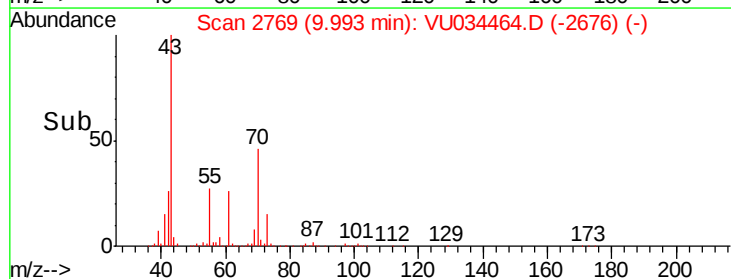
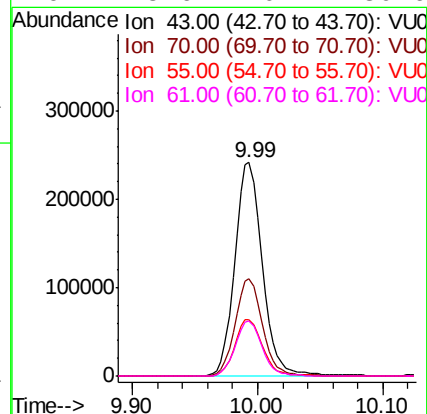
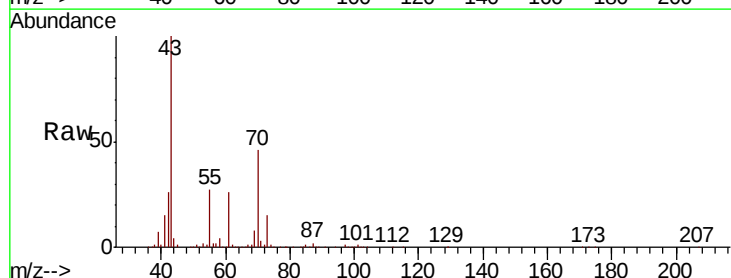
Ion Ratio Lower Upper

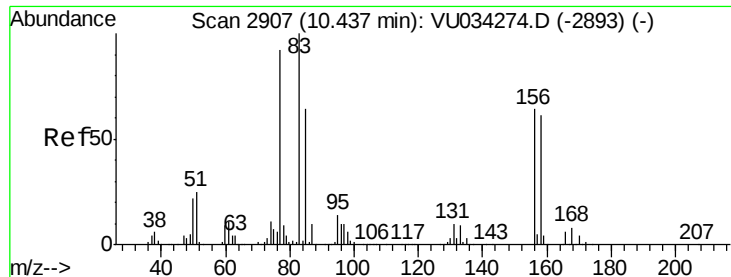
43 100

70 45.4 36.4 54.6

55 27.1 21.2 31.8

61 25.6 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.898 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

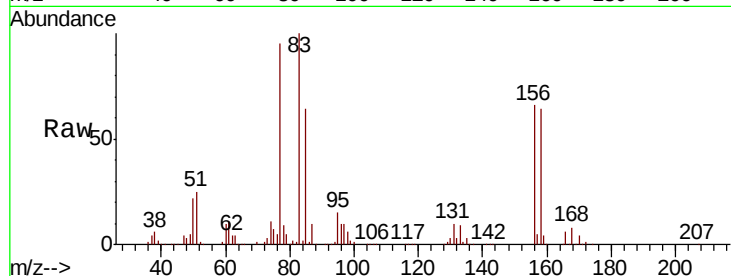
Tgt Ion: 83 Resp: 338436

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

85 64.5 32.0 96.2

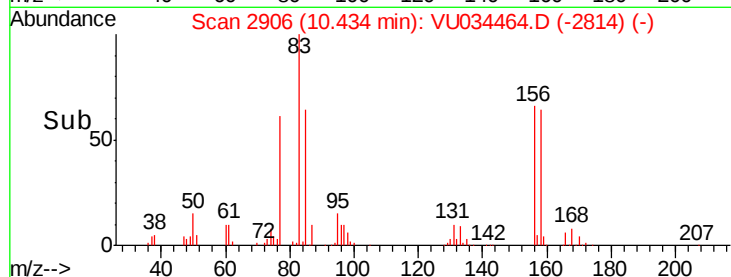


Abundance Ion 82.90 (82.60 to 83.60): VU034464.D (-2893) (-)

Ion 130.80 (130.50 to 131.50): VU034464.D (-2893) (-)

Ion 84.90 (84.60 to 85.60): VU034464.D (-2893) (-)

Time-->

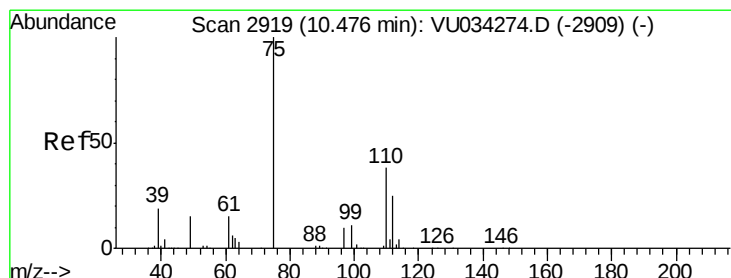


Abundance Ion 82.90 (82.60 to 83.60): VU034464.D (-2893) (-)

Ion 130.80 (130.50 to 131.50): VU034464.D (-2893) (-)

Ion 84.90 (84.60 to 85.60): VU034464.D (-2893) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 65.961 ug/l

RT: 10.47 min Scan# 2917

Delta R.T. -0.01 min

Lab File: VU034464.D

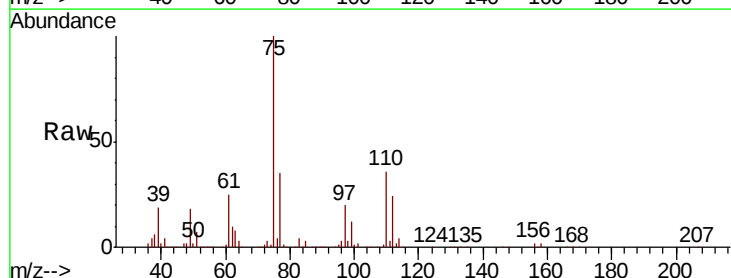
Acq: 10 Sep 2019 20:13

Tgt Ion: 75 Resp: 363446

Ion Ratio Lower Upper

75 100

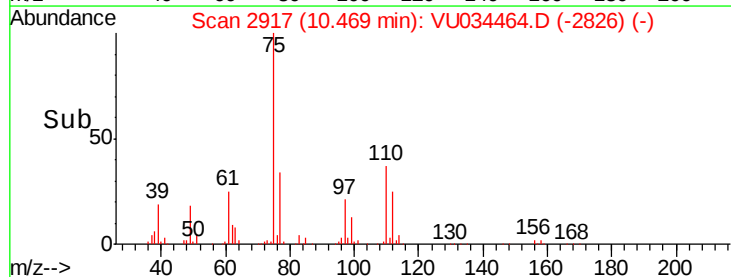
77 31.9 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VU034464.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034464.D (-2826) (-)

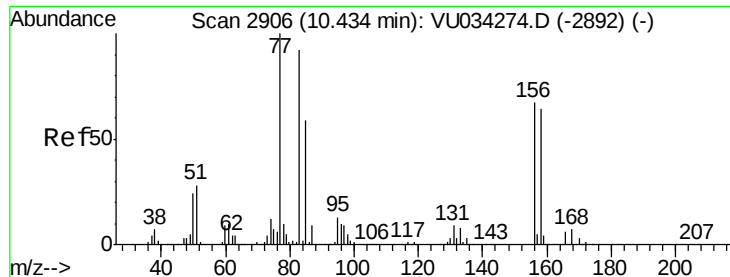
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU034464.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034464.D (-2826) (-)

Time-->



#77

Bromobenzene

Concen: 52.571 ug/l

RT: 10.43 min Scan# 2905

Delta R.T. -0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

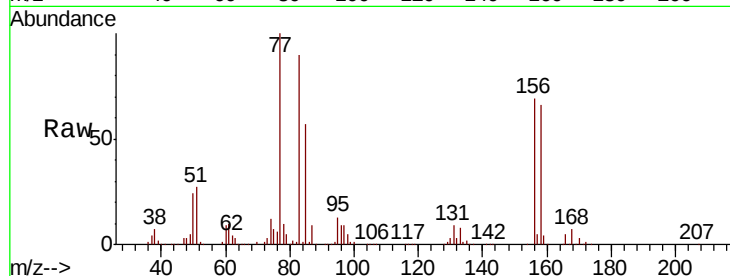
Tgt Ion:156 Resp: 241472

Ion Ratio Lower Upper

156 100

77 148.0 75.6 226.9

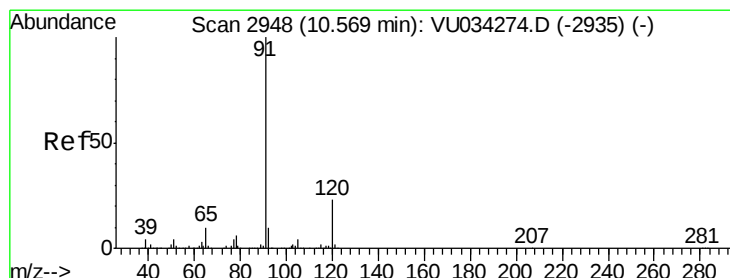
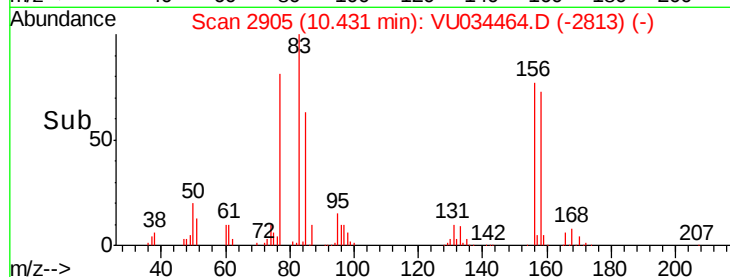
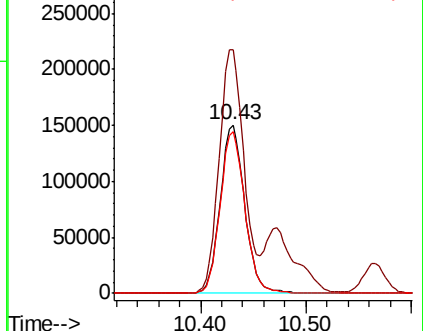
158 97.1 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.400 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034464.D

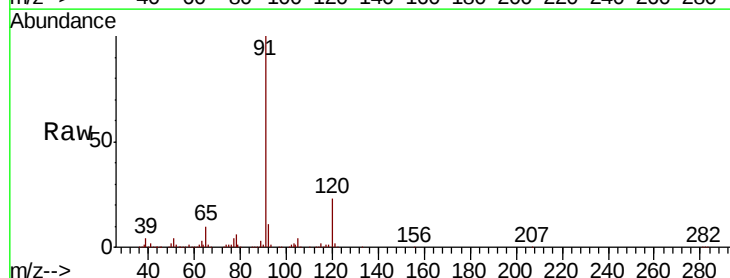
Acq: 10 Sep 2019 20:13

Tgt Ion: 91 Resp: 1013090

Ion Ratio Lower Upper

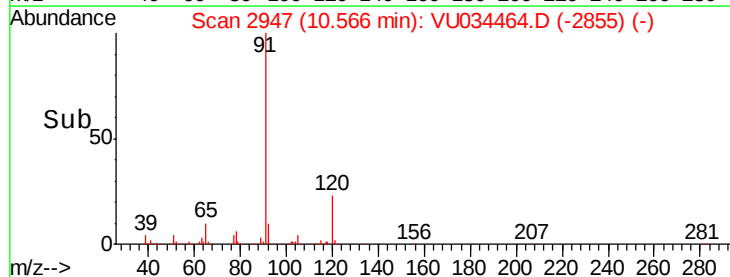
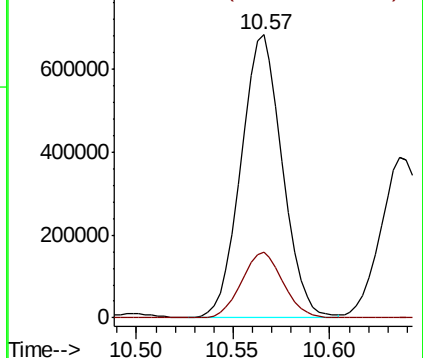
91 100

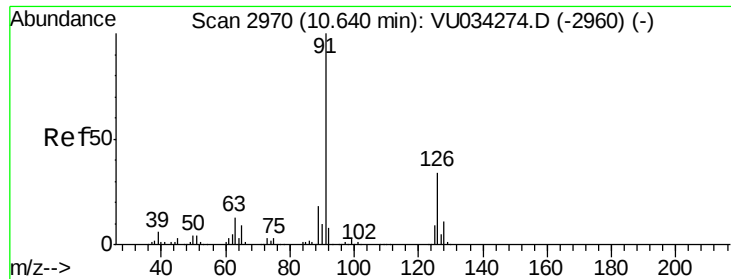
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.903 ug/l

RT: 10.64 min Scan# 2969

Delta R.T. -0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

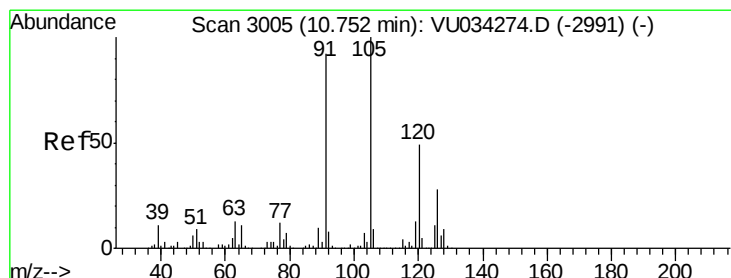
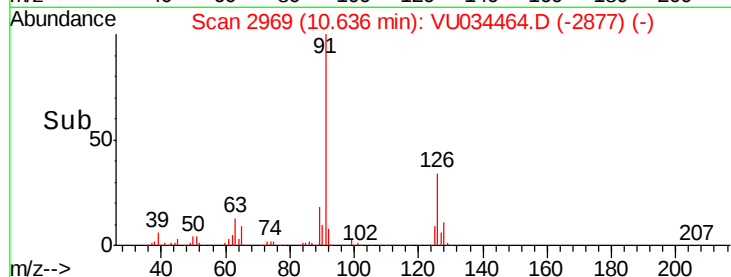
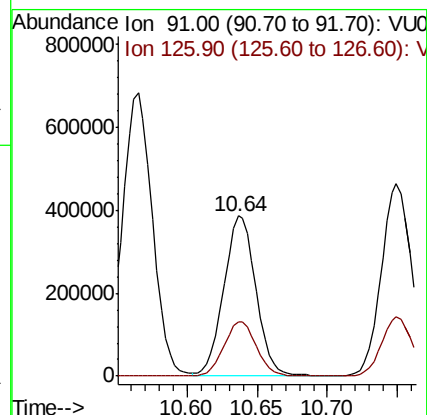
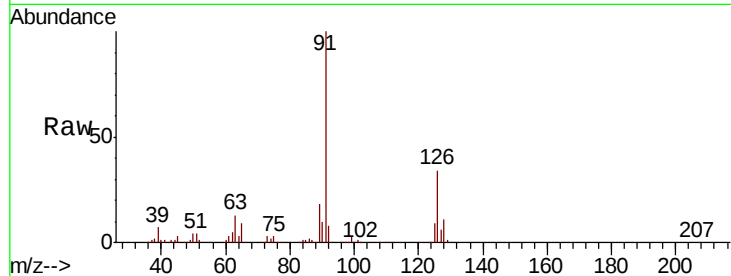
VSTDCCC050EC

Tgt Ion: 91 Resp: 612403

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 55.656 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034464.D

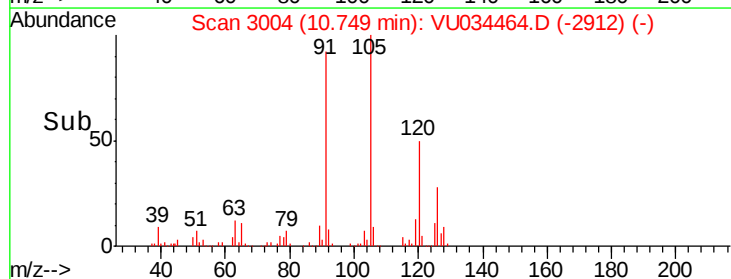
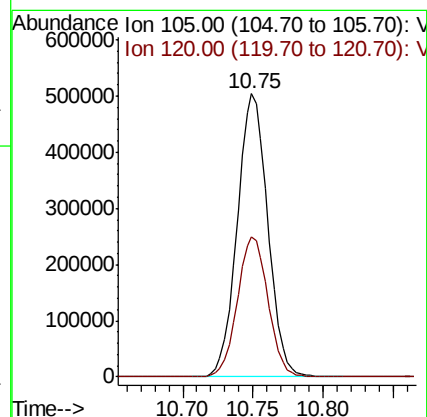
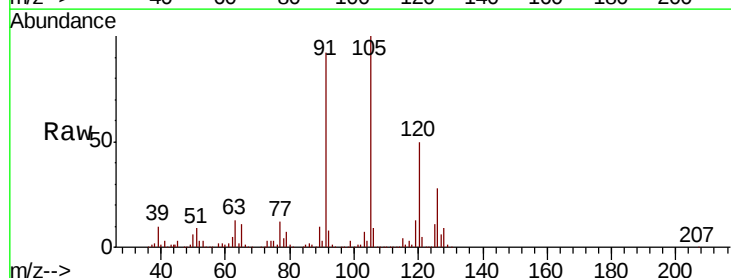
Acq: 10 Sep 2019 20:13

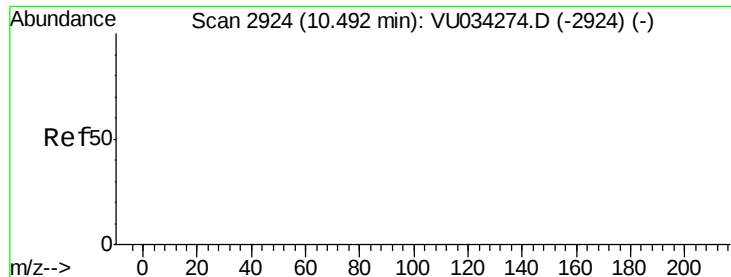
Tgt Ion: 105 Resp: 764637

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.7

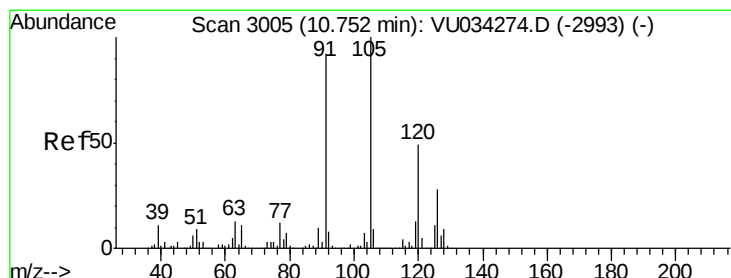
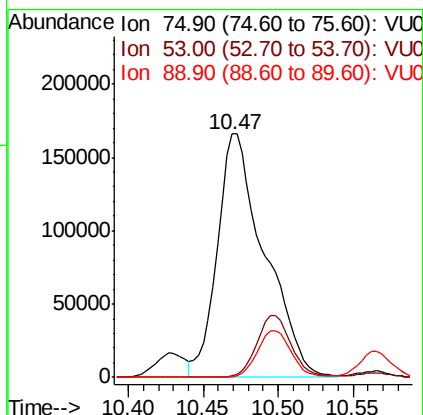
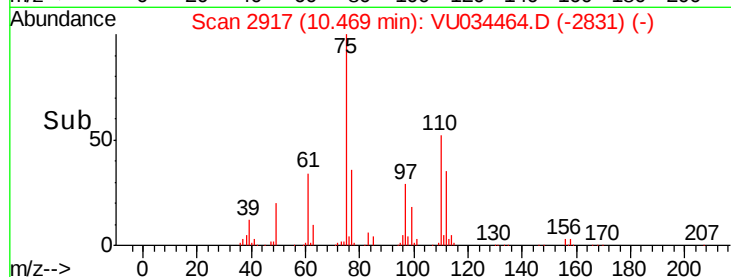
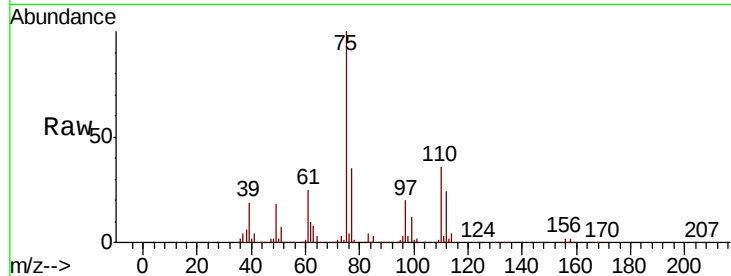




#81
trans-1,4-Dichloro-2-butene
Concen: 222.815 ug/l
RT: 10.47 min Scan# 2917
Delta R.T. -0.02 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

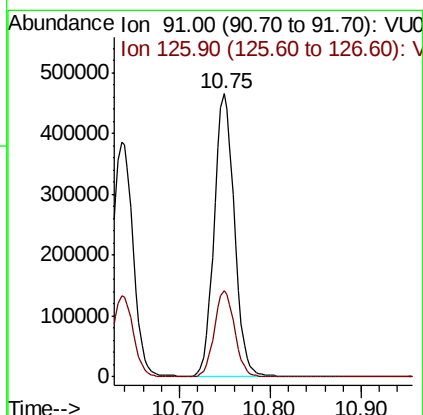
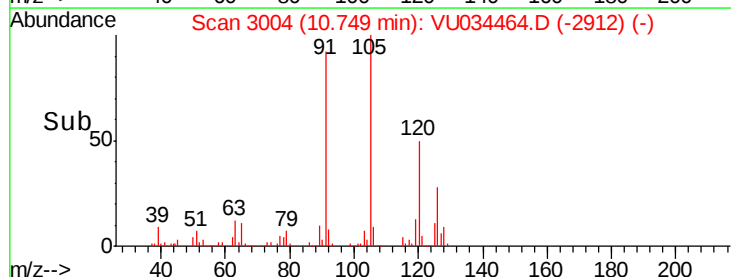
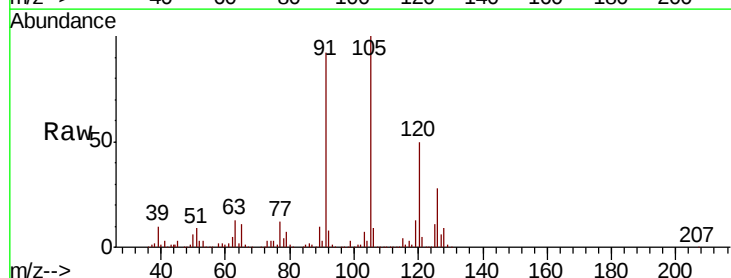
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

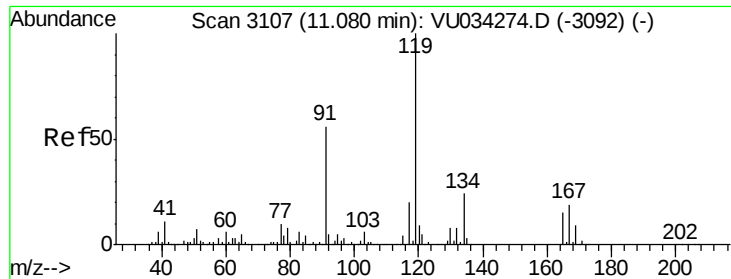
Tgt Ion: 75 Resp: 365070
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 53.789 ug/l
RT: 10.75 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Tgt Ion: 91 Resp: 716548
Ion Ratio Lower Upper
91 100
126 30.6 15.3 45.8

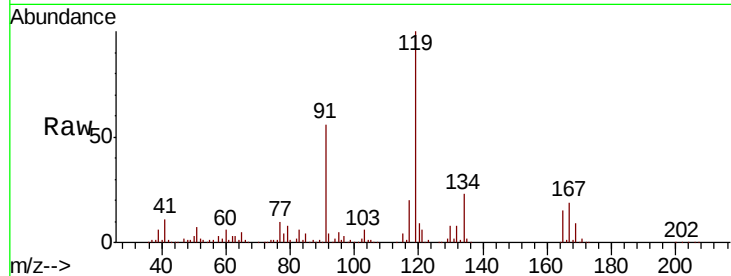




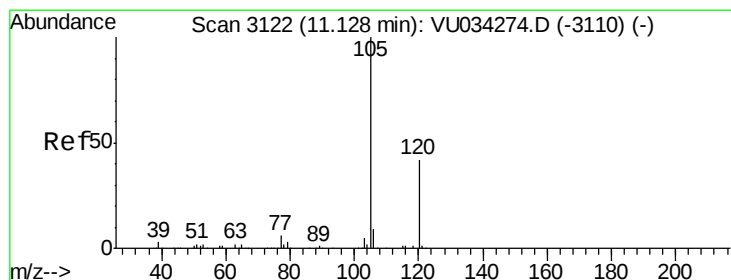
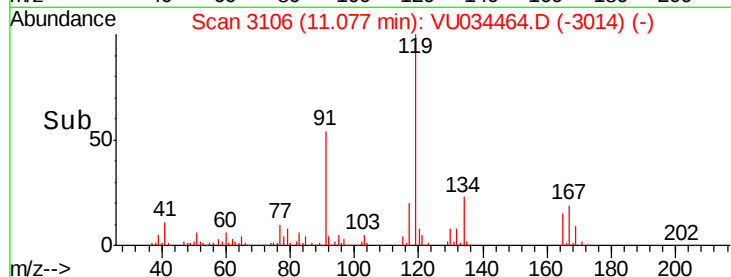
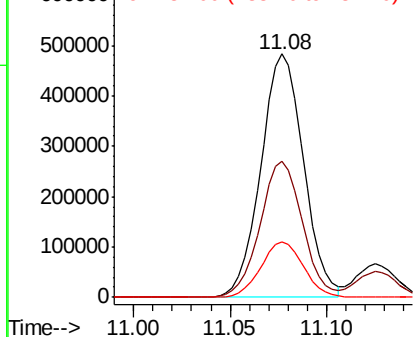
#83
 tert-Butylbenzene
 Concen: 53.897 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 740755
 Ion Ratio Lower Upper
 119 100
 91 55.3 27.8 83.4
 134 22.8 11.7 35.0

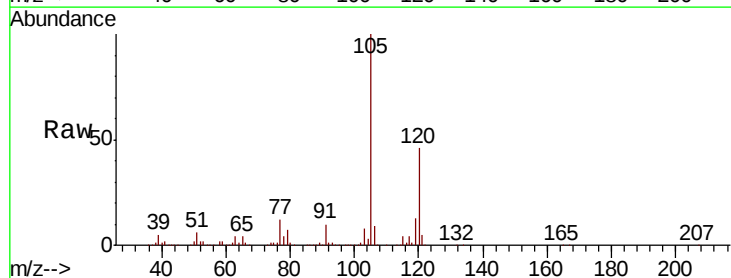


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

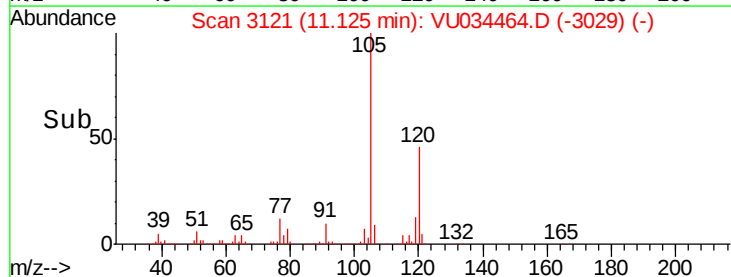
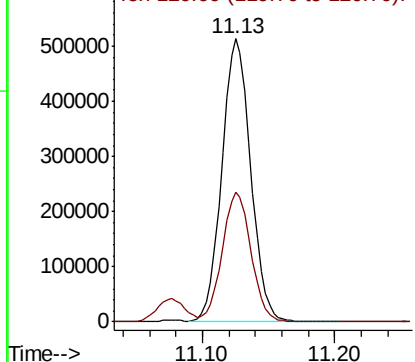


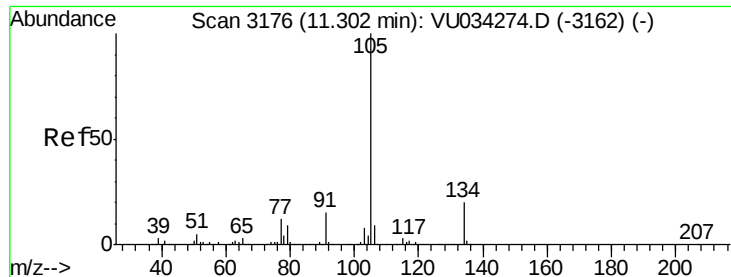
#84
 1,2,4-Trimethylbenzene
 Concen: 55.757 ug/l
 RT: 11.13 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Tgt Ion:105 Resp: 771099
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.8



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

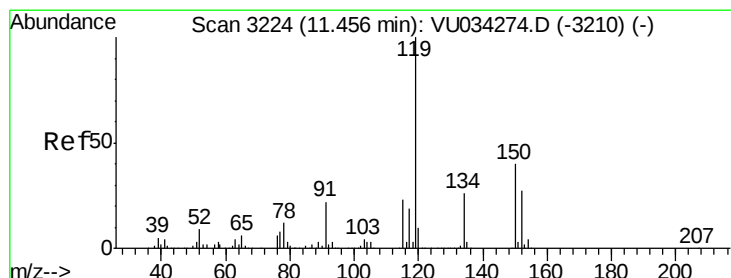
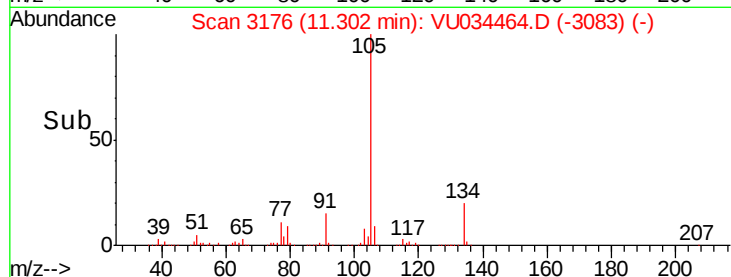
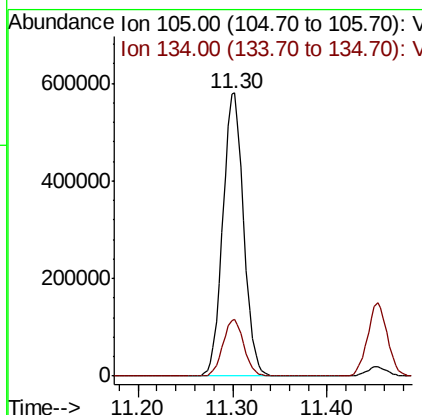
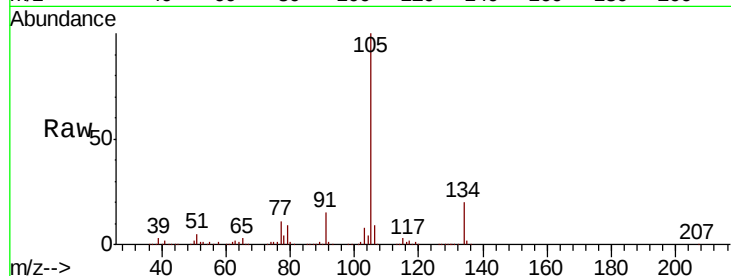




#85
 sec-Butylbenzene
 Concen: 54.394 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

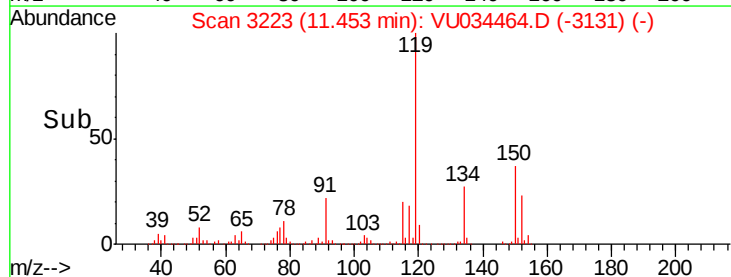
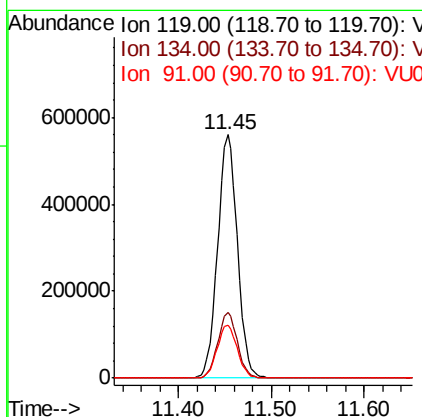
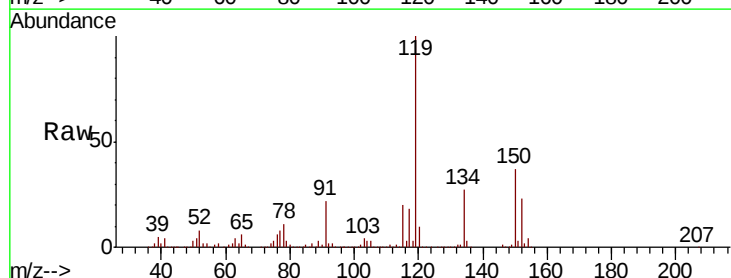
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

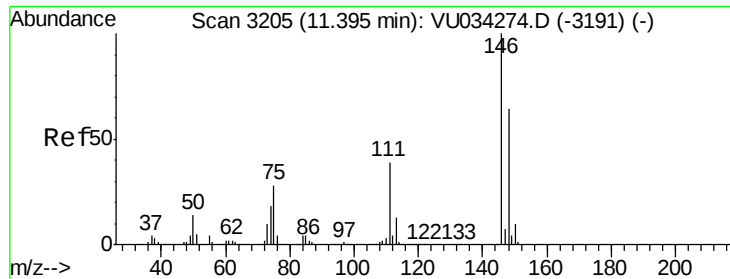
Tgt Ion:105 Resp: 882575
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 55.110 ug/l
 RT: 11.45 min Scan# 3223
 Delta R.T. -0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Tgt Ion:119 Resp: 825328
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.2 11.2 33.6

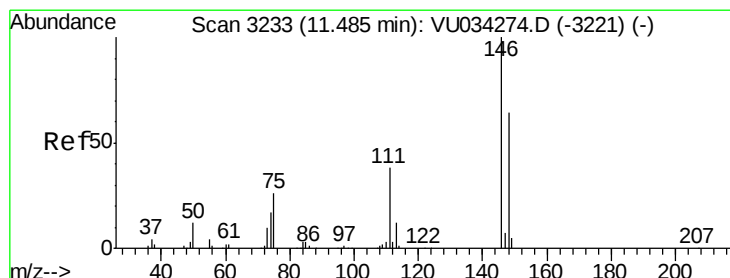
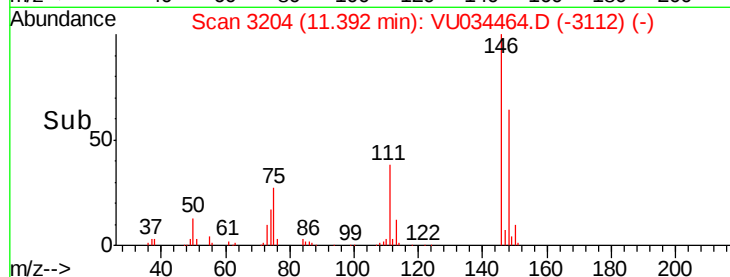
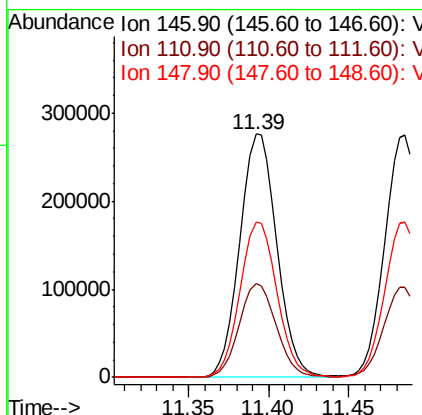
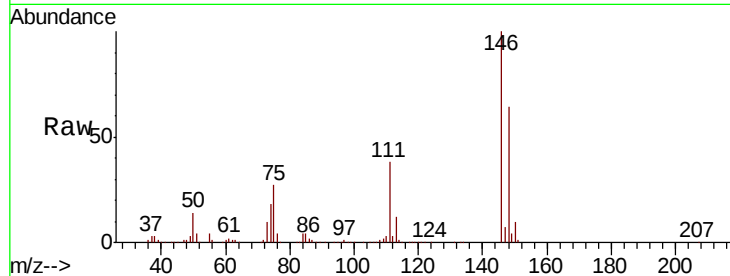




#87
 1,3-Dichlorobenzene
 Concen: 52.091 ug/l
 RT: 11.39 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

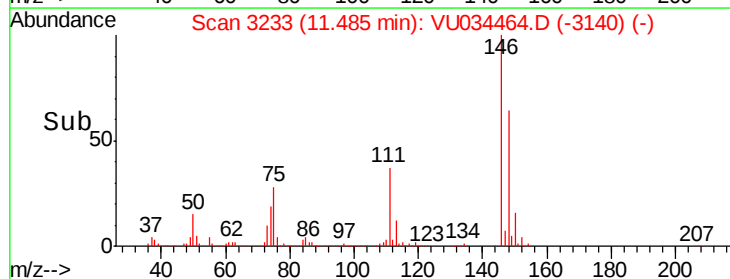
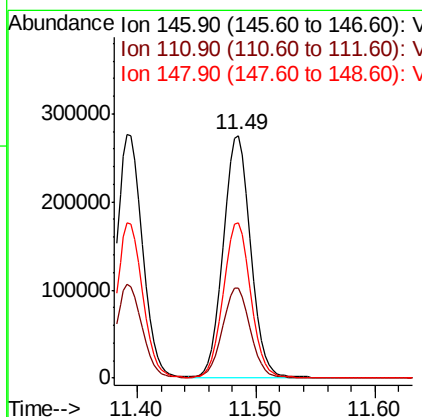
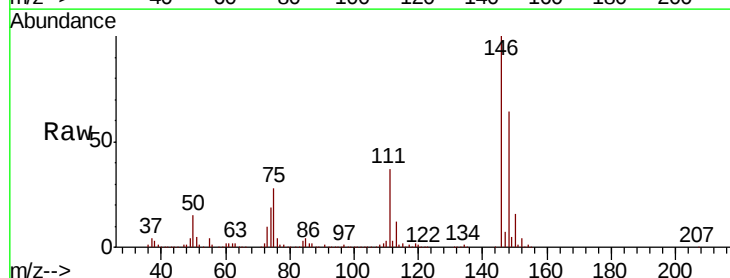
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

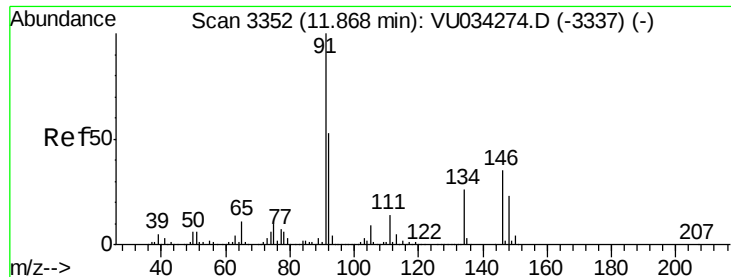
Tgt Ion:146 Resp: 436612
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.5 58.5
 148 63.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.209 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. 0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Tgt Ion:146 Resp: 438945
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.1 57.3
 148 64.1 32.0 96.0

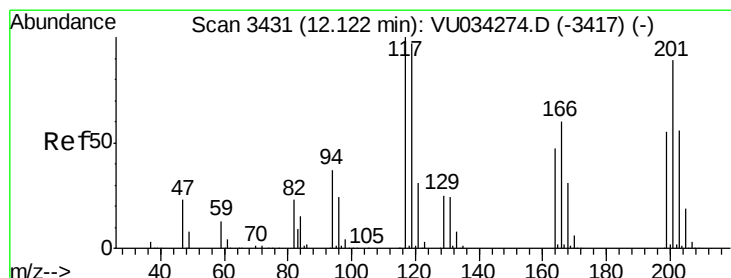
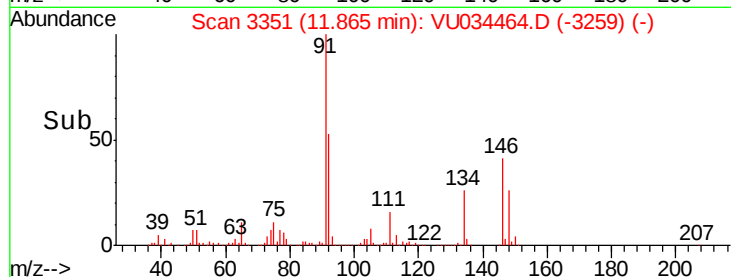
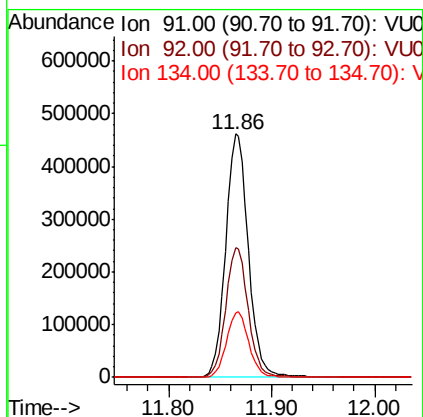
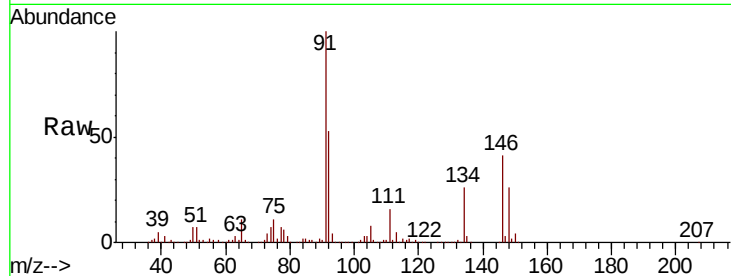




#89
n-Butylbenzene
Concen: 54.371 ug/l
RT: 11.86 min Scan# 3351
Delta R.T. -0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

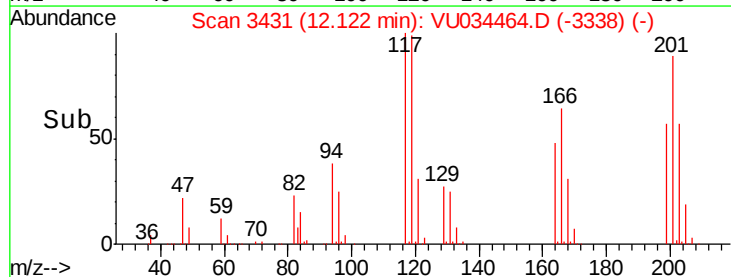
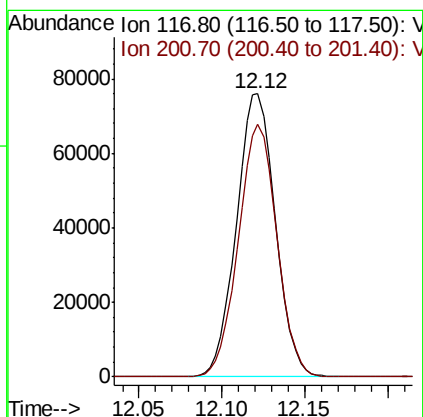
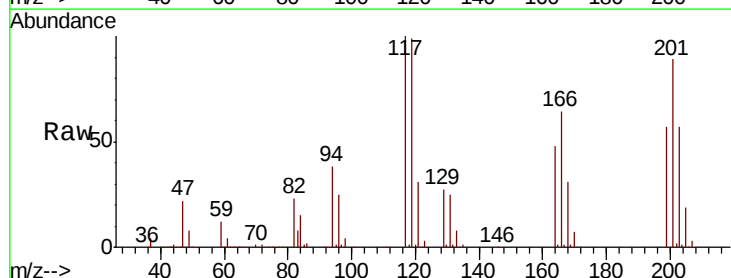
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

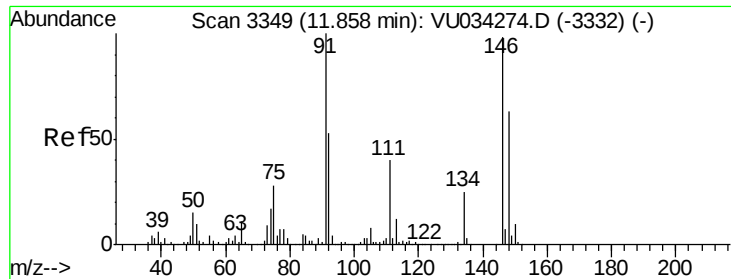
Tgt Ion: 91 Resp: 707621
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.4
134 26.6 13.2 39.6



#90
Hexachloroethane
Concen: 51.777 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. 0.00 min
Lab File: VU034464.D
Acq: 10 Sep 2019 20:13

Tgt Ion: 117 Resp: 124057
Ion Ratio Lower Upper
117 100
201 88.3 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 52.357 ug/l

RT: 11.85 min Scan# 3348

Delta R.T. -0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

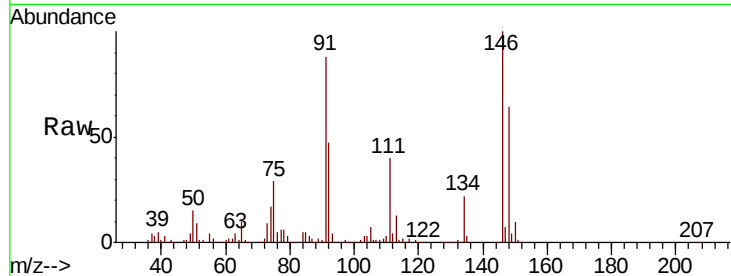
Tgt Ion:146 Resp: 431286

Ion Ratio Lower Upper

146 100

111 40.6 20.0 60.0

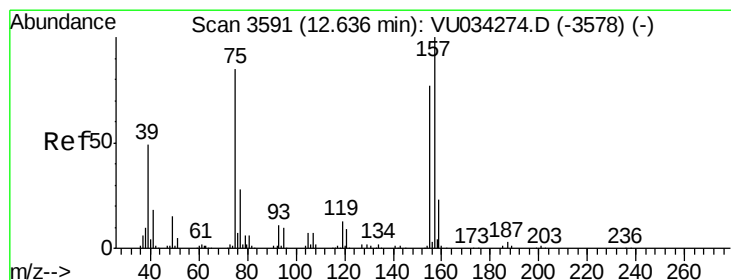
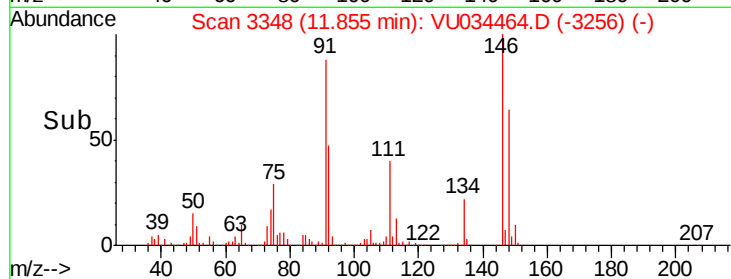
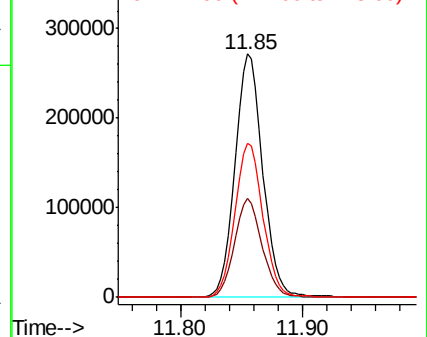
148 64.1 31.6 94.8



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: 55.020 ug/l

RT: 12.63 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

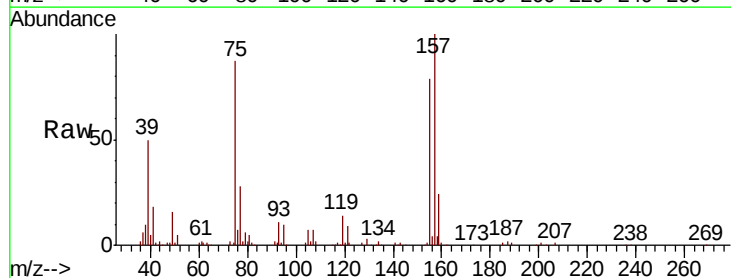
Tgt Ion: 75 Resp: 67228

Ion Ratio Lower Upper

75 100

155 91.8 44.6 134.0

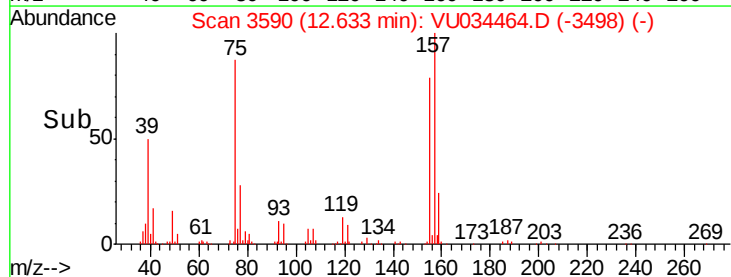
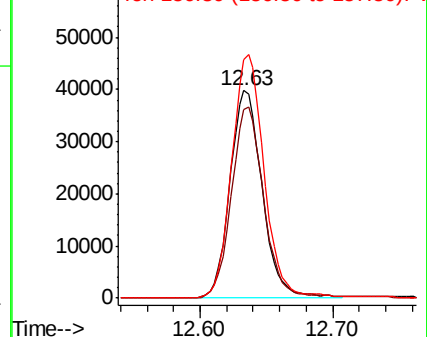
157 118.4 58.2 174.6

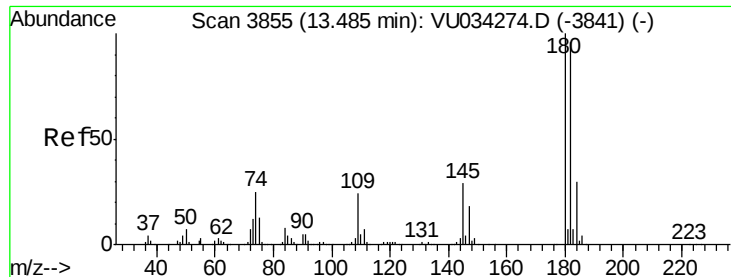


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

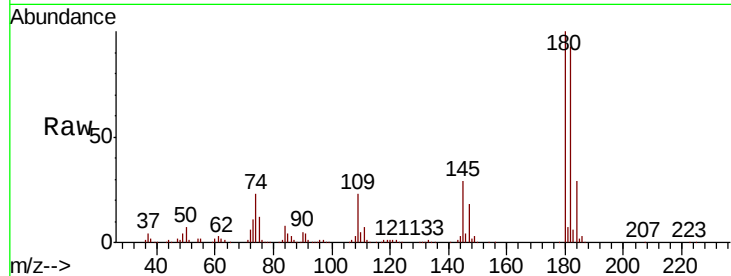




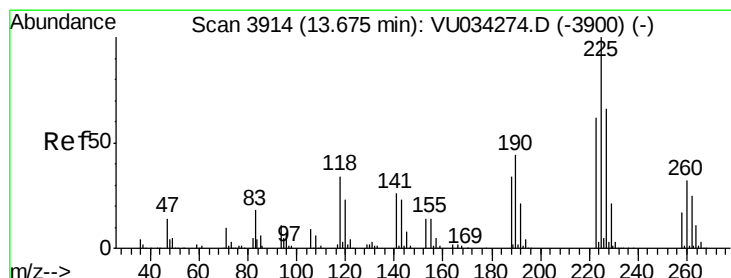
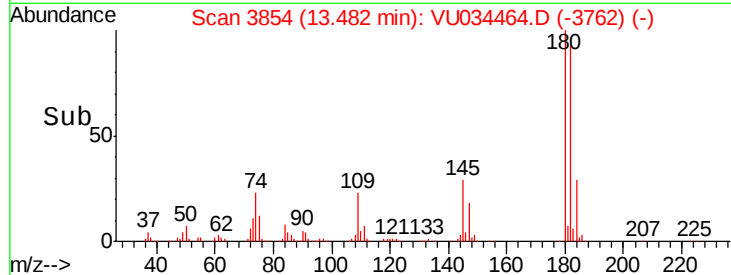
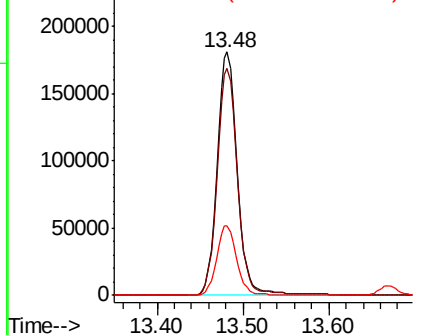
#93
 1,2,4-Trichlorobenzene
 Concen: 49.538 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. -0.00 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 295743
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.9 143.8
 145 28.7 14.4 43.0

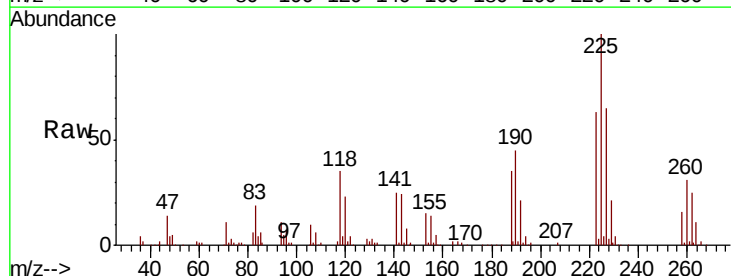


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

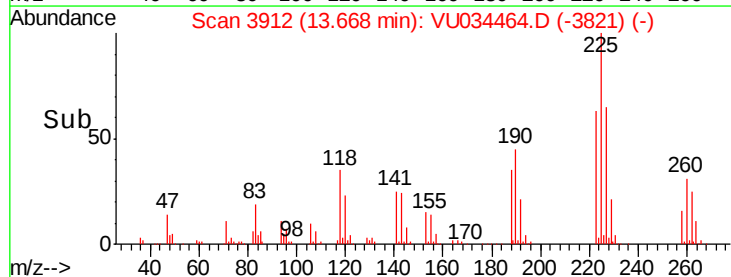
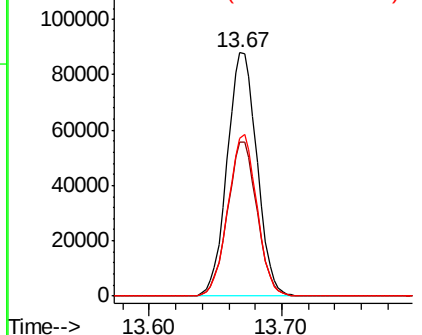


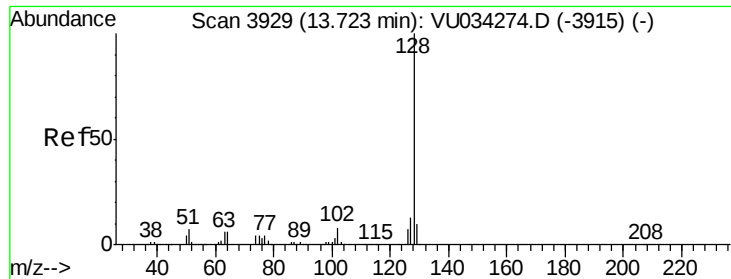
#94
 Hexachlorobutadiene
 Concen: 47.649 ug/l
 RT: 13.67 min Scan# 3912
 Delta R.T. -0.01 min
 Lab File: VU034464.D
 Acq: 10 Sep 2019 20:13

Tgt Ion:225 Resp: 137297
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.6 94.7
 227 64.6 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.348 ug/l

RT: 13.72 min Scan# 3928

Delta R.T. -0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

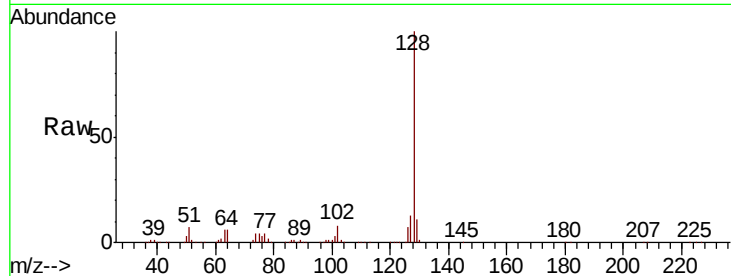
Tgt Ion:128 Resp: 810996

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

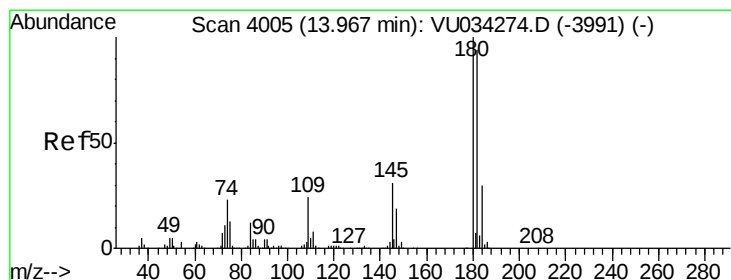
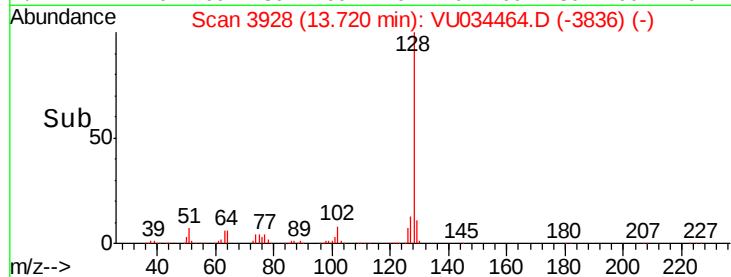
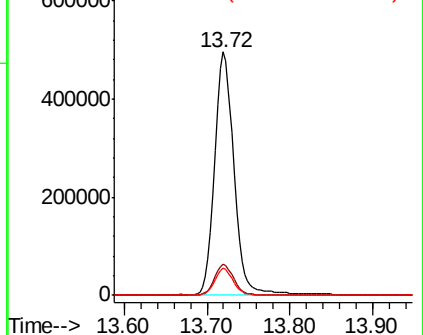
129 10.6 8.4 12.6



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: 50.601 ug/l

RT: 13.96 min Scan# 4004

Delta R.T. -0.00 min

Lab File: VU034464.D

Acq: 10 Sep 2019 20:13

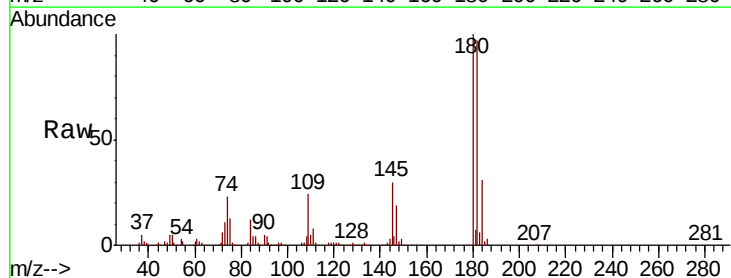
Tgt Ion:180 Resp: 292180

Ion Ratio Lower Upper

180 100

182 96.6 48.4 145.0

145 30.2 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

