

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034547.D
 Acq On : 13 Sep 2019 01:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 13 07:17:32 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	228714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	334103	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	333205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	228242	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	185036	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
35) Dibromofluoromethane	4.86	113	168883	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	7.54	98	626625	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	10.29	95	245772	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	120189	50.246	ug/l	99
3) Chloromethane	1.32	50	139805	54.105	ug/l	97
4) Vinyl Chloride	1.40	62	150285	50.419	ug/l	98
5) Bromomethane	1.61	94	93536	62.930	ug/l	99
6) Chloroethane	1.68	64	96820	56.006	ug/l	96
7) Trichlorofluoromethane	1.87	101	217658	54.460	ug/l	100
8) Diethyl Ether	2.09	74	99100	56.371	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.27	101	143967	54.387	ug/l	99
10) Methyl Iodide	2.40	142	134662	55.173	ug/l	99
11) Tert butyl alcohol	2.81	59	237916	325.431	ug/l	98
12) 1,1-Dichloroethene	2.27	96	135914	54.619	ug/l	95
13) Acrolein	2.18	56	130663	212.645	ug/l	100
14) Allyl chloride	2.58	41	221747	46.611	ug/l	91
15) Acrylonitrile	2.92	53	535781	294.295	ug/l	98
16) Acetone	2.31	43	433084	241.839	ug/l	100
17) Carbon Disulfide	2.46	76	251755	45.014	ug/l	100
18) Methyl Acetate	2.60	43	245939	56.441	ug/l	97
19) Methyl tert-butyl Ether	2.98	73	549943	60.632	ug/l	98
20) Methylene Chloride	2.68	84	175665	59.968	ug/l	98
21) trans-1,2-Dichloroethene	2.96	96	141540	53.975	ug/l	97
22) Diisopropyl ether	3.55	45	555768	59.904	ug/l	99
23) Vinyl Acetate	3.50	43	2255823	298.501	ug/l	99
24) 1,1-Dichloroethane	3.42	63	311772	56.271	ug/l	99
25) 2-Butanone	4.24	43	697261	291.683	ug/l	99
26) 2,2-Dichloropropane	4.20	77	202453	45.433	ug/l	98
27) cis-1,2-Dichloroethene	4.20	96	187458	58.859	ug/l	96
28) Bromochloromethane	4.52	49	149543	58.681	ug/l	98
29) Tetrahydrofuran	4.61	42	437506	300.770	ug/l	100
30) Chloroform	4.65	83	317467	56.371	ug/l	99
31) Cyclohexane	4.97	56	209961	51.799	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	257655	57.222	ug/l	98
36) 1,1-Dichloropropene	5.12	75	197584	54.530	ug/l	99
37) Ethyl Acetate	4.36	43	249482	58.236	ug/l	99
38) Carbon Tetrachloride	5.11	117	221443	57.238	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	206785	53.386	ug/l	98
40) Benzene	5.37	78	660689	56.509	ug/l	99
41) Methacrylonitrile	4.52	41	141211	61.882	ug/l	100
42) 1,2-Dichloroethane	5.38	62	231306	56.982	ug/l	100
43) Isopropyl Acetate	5.53	43	400436	59.918	ug/l	99
44) Trichloroethene	6.16	130	183557	56.735	ug/l	99
45) 1,2-Dichloropropane	6.41	63	196771	57.569	ug/l	98
46) Dibromomethane	6.54	93	123524	57.574	ug/l	98
47) Bromodichloromethane	6.73	83	255321	57.813	ug/l	98
48) Methyl methacrylate	6.60	41	187220	58.983	ug/l	98
49) 1,4-Dioxane	6.59	88	89748	1294.838	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1401046	302.866	ug/l	99
52) Toluene	7.62	92	426202	58.111	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	263267	57.506	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	290139	57.744	ug/l	99
55) 1,1,2-Trichloroethane	8.04	97	195983	58.848	ug/l	99
56) Ethyl methacrylate	8.00	69	286369	56.192	ug/l	99
57) 1,3-Dichloropropane	8.22	76	317465	58.541	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	428441	250.266	ug/l	100
59) 2-Hexanone	8.34	43	1053128	304.739	ug/l	100
60) Dibromochloromethane	8.45	129	221718	62.069	ug/l	99
61) 1,2-Dibromoethane	8.57	107	191555	58.766	ug/l	99
64) Tetrachloroethene	8.21	164	169183	58.526	ug/l	98
65) Chlorobenzene	9.10	112	499284	59.062	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	192295	59.605	ug/l	100
67) Ethyl Benzene	9.23	91	828552	59.944	ug/l	99
68) m/p-Xylenes	9.35	106	650666	125.012	ug/l	99
69) o-Xylene	9.76	106	318519	62.576	ug/l	99
70) Styrene	9.77	104	580036	64.995	ug/l	99
71) Bromoform	9.94	173	172493	61.693	ug/l #	99
73) Isopropylbenzene	10.14	105	879780	59.231	ug/l	99
74) N-amyl acetate	9.99	43	365445	61.122	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.43	83	338628	56.322	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	358266	71.910	ug/l	85
77) Bromobenzene	10.43	156	240728	57.962	ug/l	98
78) n-propylbenzene	10.57	91	1006948	58.700	ug/l	100
79) 2-Chlorotoluene	10.64	91	612271	58.496	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	757833	61.005	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.47	75	358266	241.830	ug/l #	100
82) 4-Chlorotoluene	10.75	91	710857	59.016	ug/l	100
83) tert-Butylbenzene	11.08	119	742806	59.772	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	764468	61.135	ug/l	100
85) sec-Butylbenzene	11.30	105	881380	60.075	ug/l	100
86) p-Isopropyltoluene	11.45	119	815211	60.201	ug/l	100
87) 1,3-Dichlorobenzene	11.39	146	436973	57.658	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	440293	55.699	ug/l	100
89) n-Butylbenzene	11.86	91	694102	58.983	ug/l	100
90) Hexachloroethane	12.12	117	122239	56.423	ug/l	98
91) 1,2-Dichlorobenzene	11.85	146	433029	58.139	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.63	75	67970	61.522	ug/l	97

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

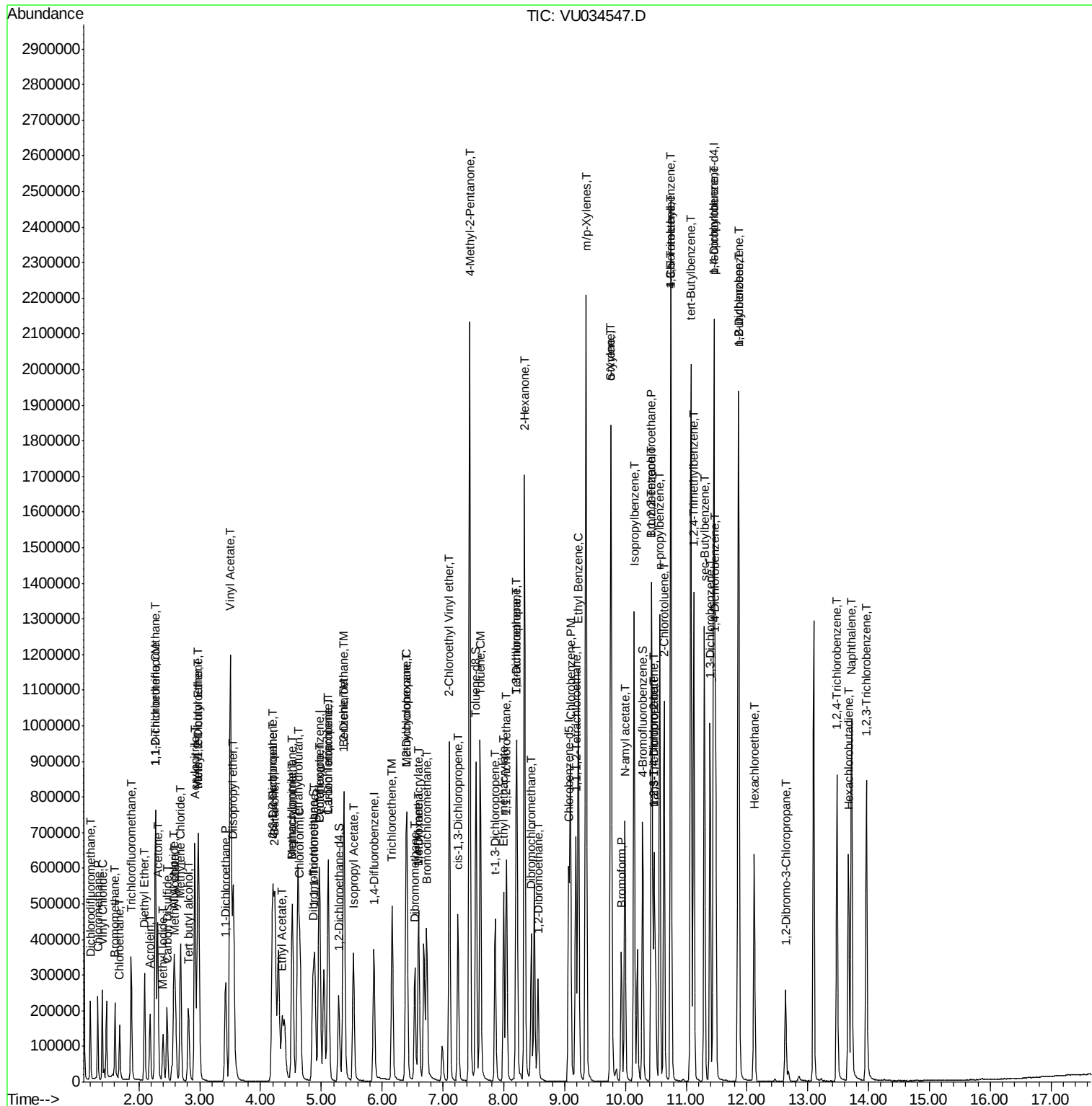
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	297809	54.777	ug/l	99
94) Hexachlorobutadiene	13.67	225	130962	50.266	ug/l	99
95) Naphthalene	13.72	128	861916	56.132	ug/l	99
96) 1,2,3-Trichlorobenzene	13.96	180	298488	56.828	ug/l	98

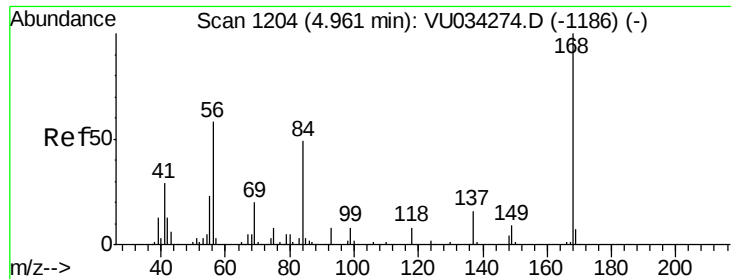
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

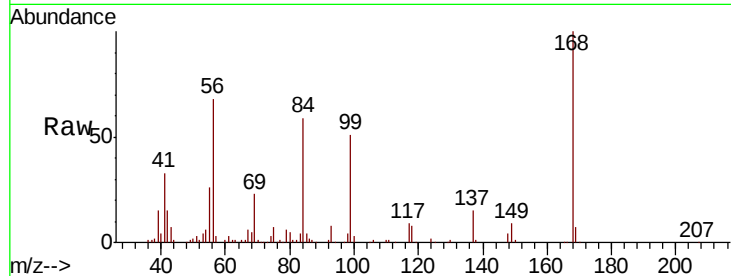
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 228714

Ion Ratio Lower Upper

168 100

99 50.7 41.6 62.4



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

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

4.96

100000

80000

60000

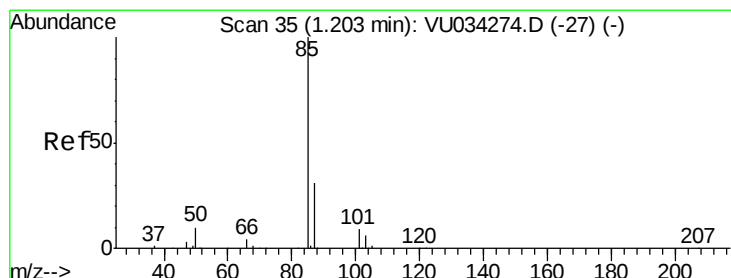
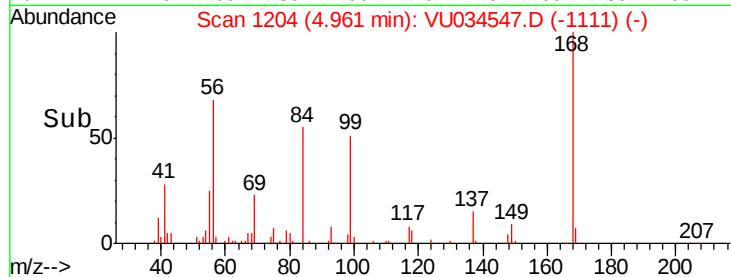
40000

20000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 50.246 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU034547.D

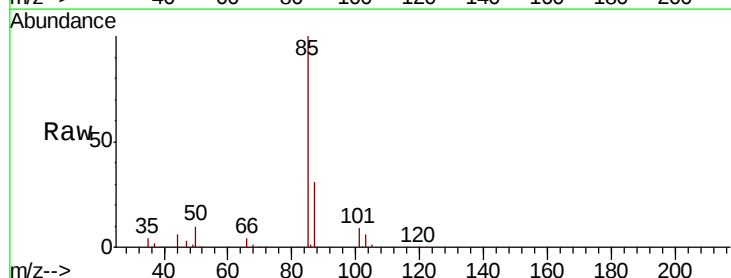
Acq: 13 Sep 2019 01:45

Tgt Ion: 85 Resp: 120189

Ion Ratio Lower Upper

85 100

87 30.6 15.7 47.0



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

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

1.20

150000

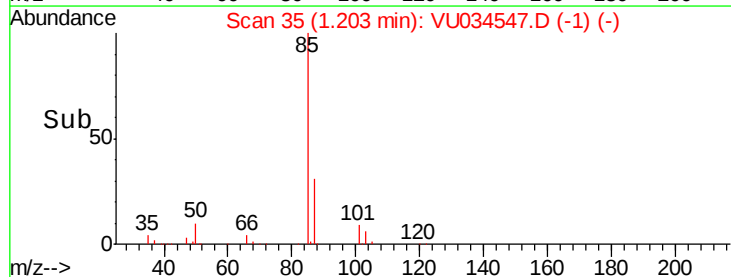
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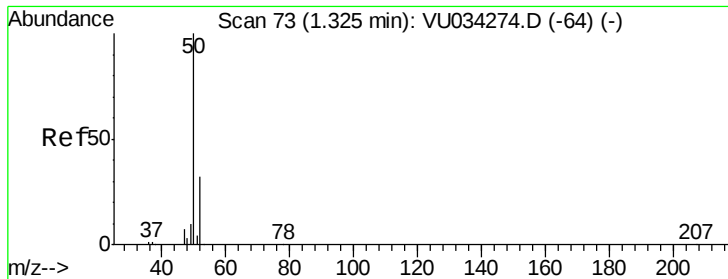
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 54.105 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

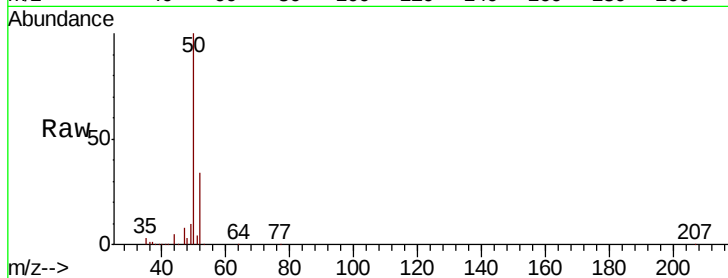
VSTDCCC050EC

Tgt Ion: 50 Resp: 139805

Ion Ratio Lower Upper

50 100

52 33.7 25.8 38.6



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

Ion 51.90 (51.60 to 52.60): VU034547.D (-1) (-)

1.32

150000

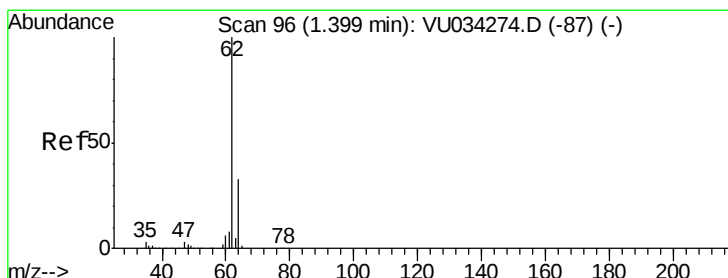
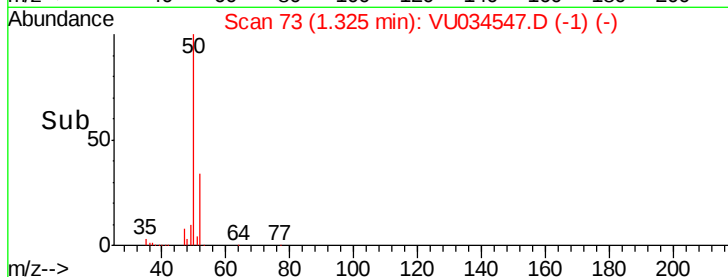
100000

50000

0

1.30 1.35

Time-->



#4

Vinyl Chloride

Concen: 50.419 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU034547.D

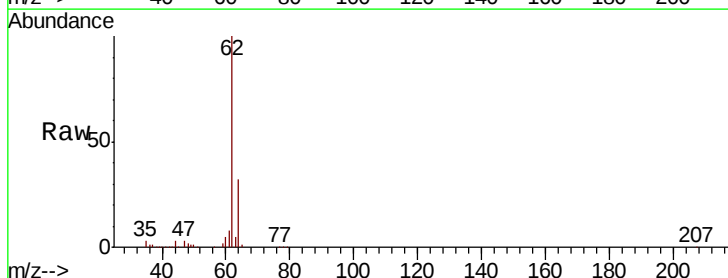
Acq: 13 Sep 2019 01:45

Tgt Ion: 62 Resp: 150285

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.4



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

Ion 63.90 (63.60 to 64.60): VU034547.D (-3) (-)

1.40

150000

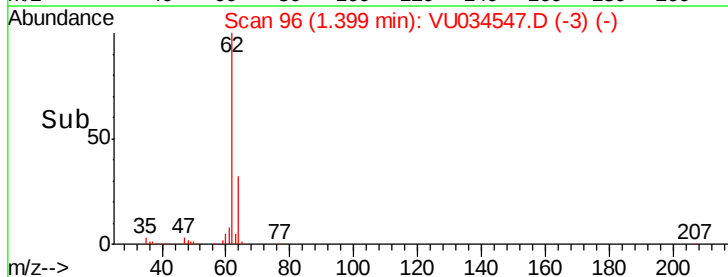
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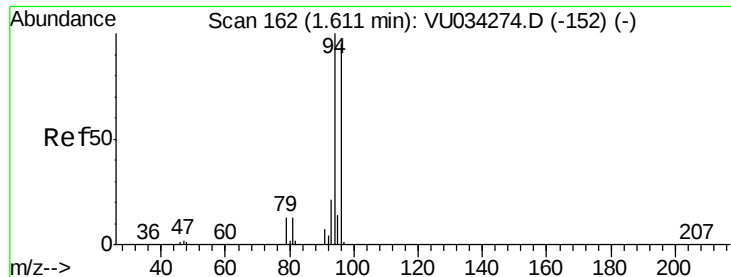
50000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 62.930 ug/l

RT: 1.61 min Scan# 161

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

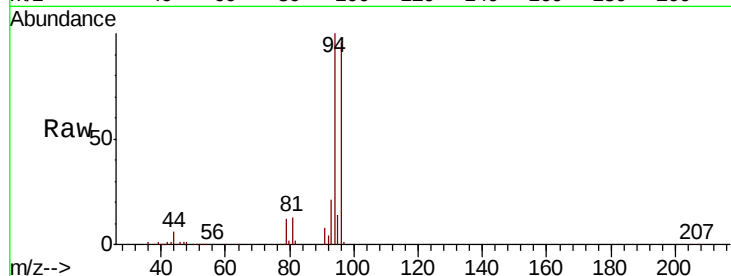
VSTDCCC050EC

Tgt Ion: 94 Resp: 93536

Ion Ratio Lower Upper

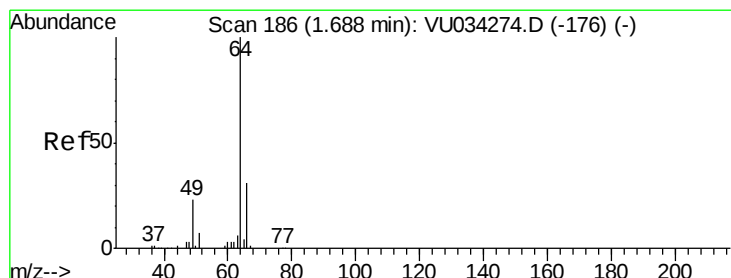
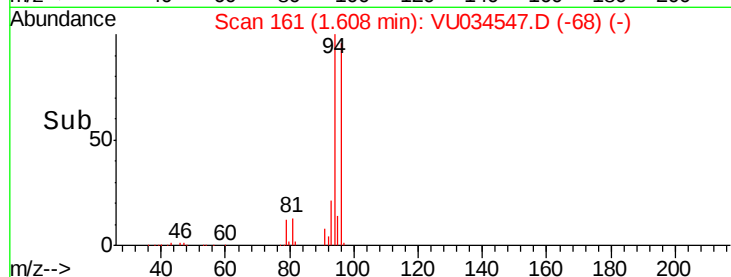
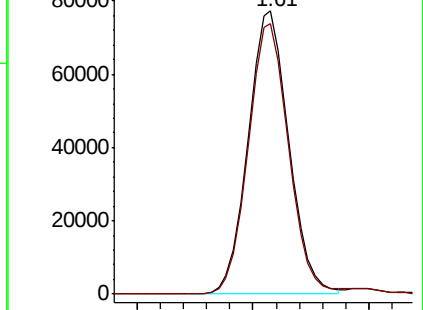
94 100

96 95.8 75.7 113.5



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

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



#6

Chloroethane

Concen: 56.006 ug/l

RT: 1.68 min Scan# 185

Delta R.T. -0.00 min

Lab File: VU034547.D

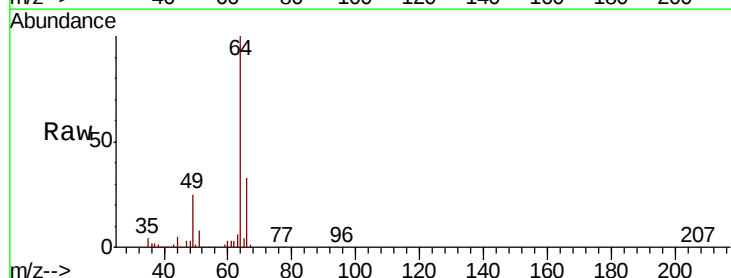
Acq: 13 Sep 2019 01:45

Tgt Ion: 64 Resp: 96820

Ion Ratio Lower Upper

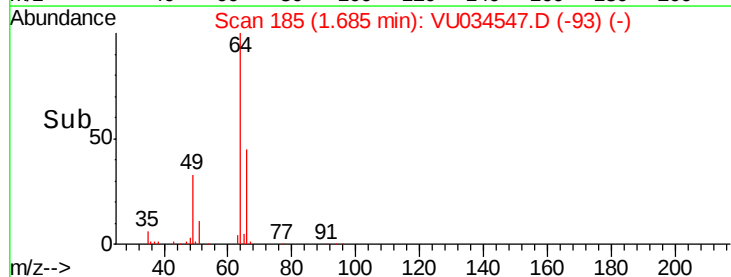
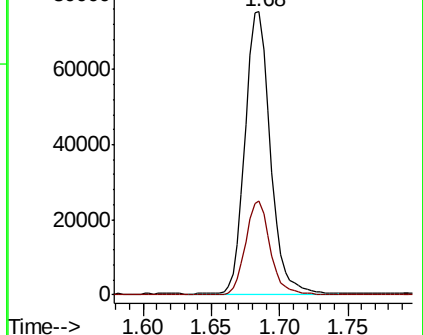
64 100

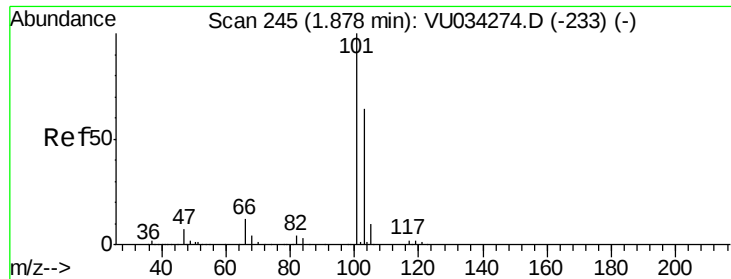
66 33.2 25.0 37.6



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

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



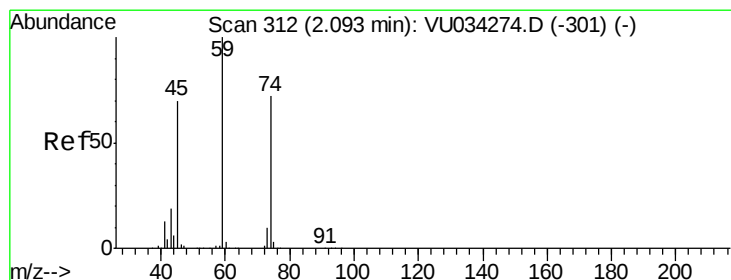
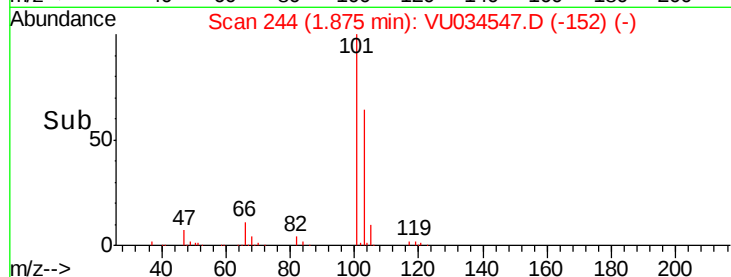
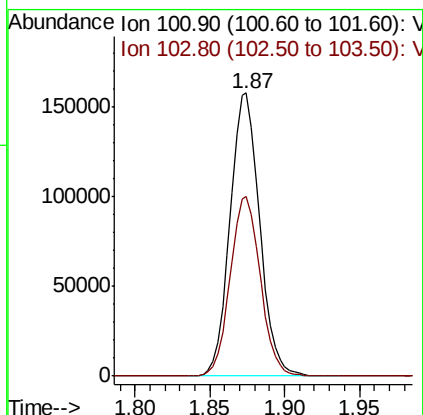
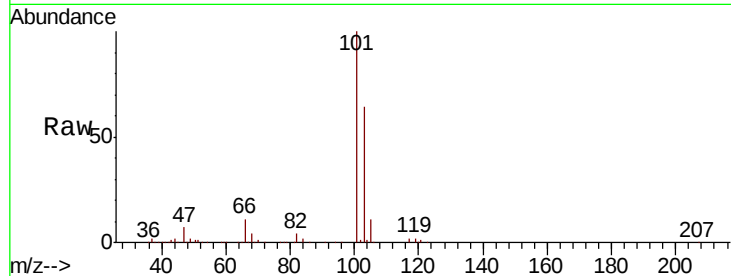


#7

Trichlorofluoromethane
 Concen: 54.460 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

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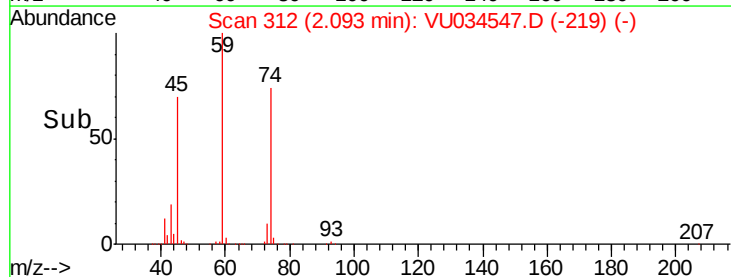
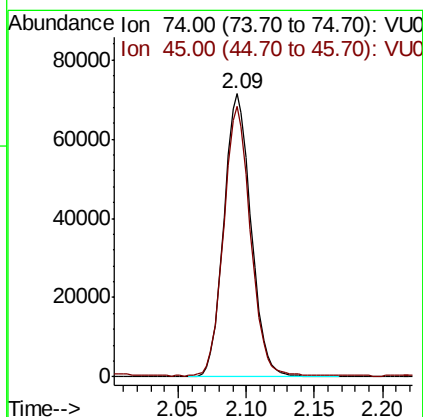
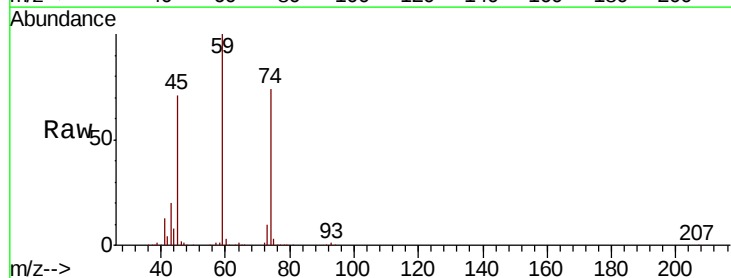
Tgt Ion:101 Resp: 217658
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.0 76.6



#8

Diethyl Ether
 Concen: 56.371 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Tgt Ion: 74 Resp: 99100
 Ion Ratio Lower Upper
 74 100
 45 93.6 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.387 ug/l

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

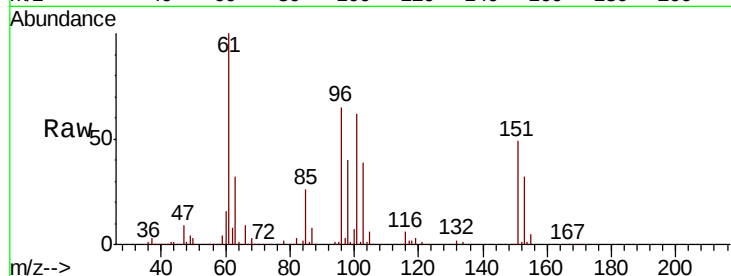
Tgt Ion:101 Resp: 143967

Ion Ratio Lower Upper

101 100

85 42.3 34.4 51.6

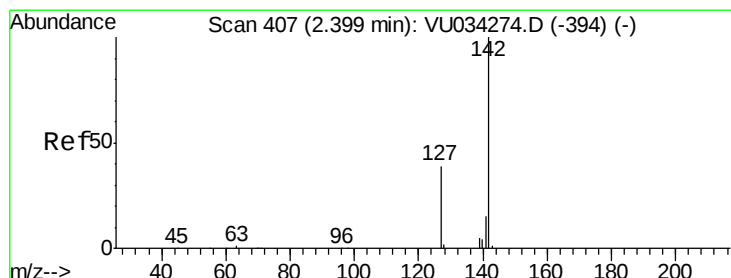
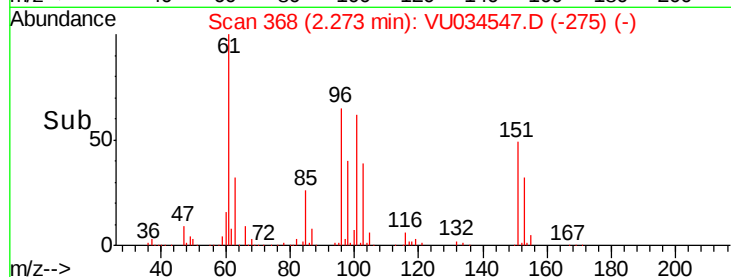
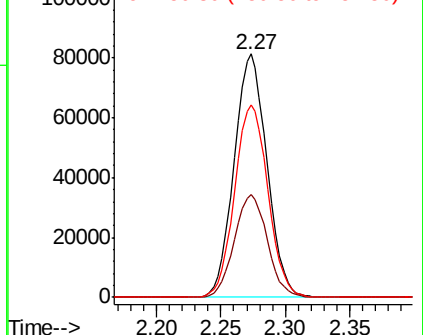
151 80.2 64.4 96.6



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: 55.173 ug/l

RT: 2.40 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

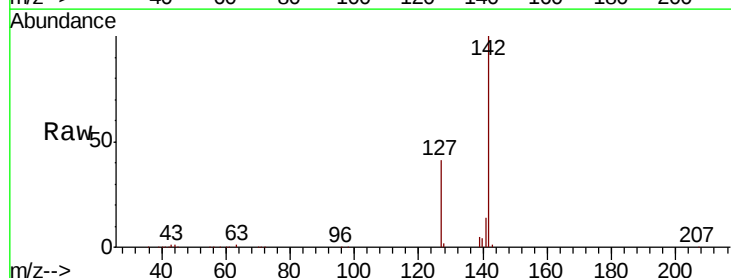
Tgt Ion:142 Resp: 134662

Ion Ratio Lower Upper

142 100

127 40.8 32.1 48.1

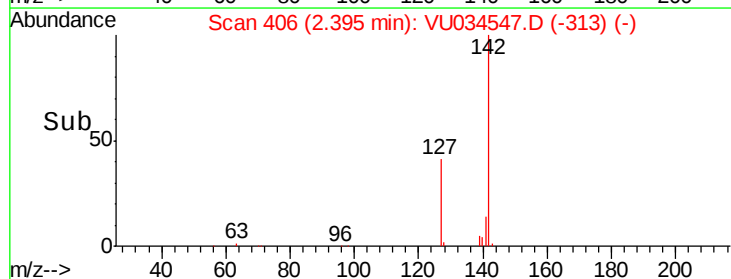
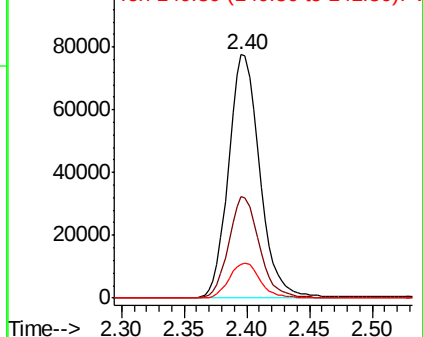
141 14.3 11.5 17.3

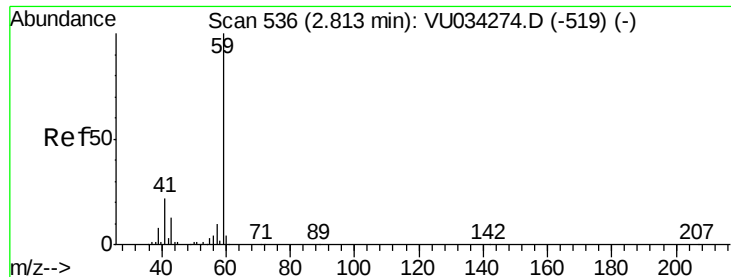


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

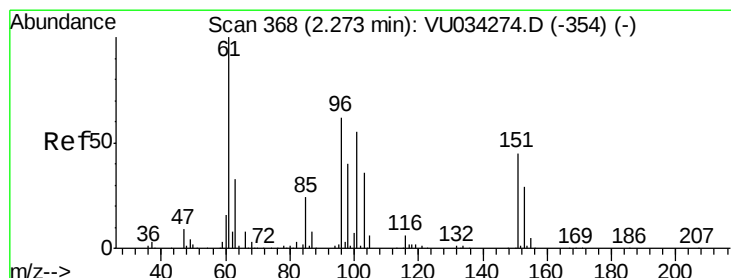
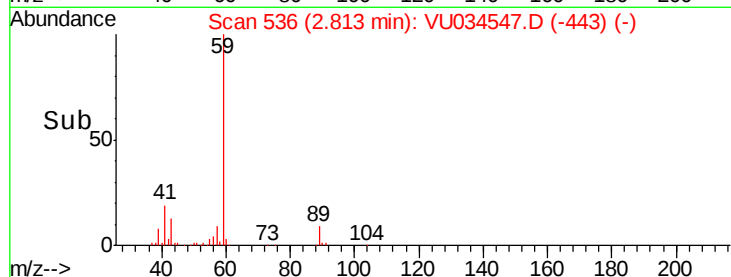
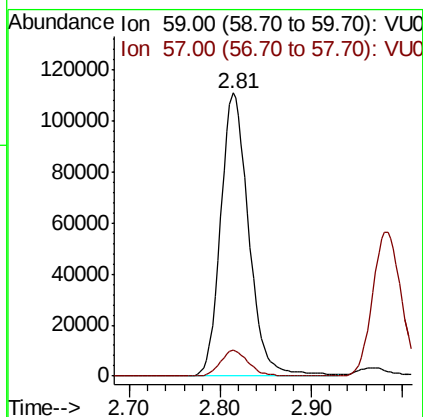
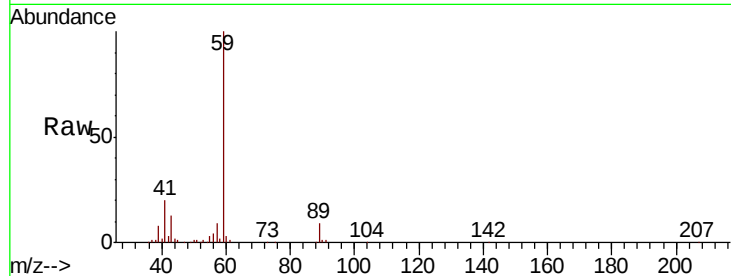




#11
Tert butyl alcohol
Concen: 325.431 ug/l
RT: 2.81 min Scan# 536
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

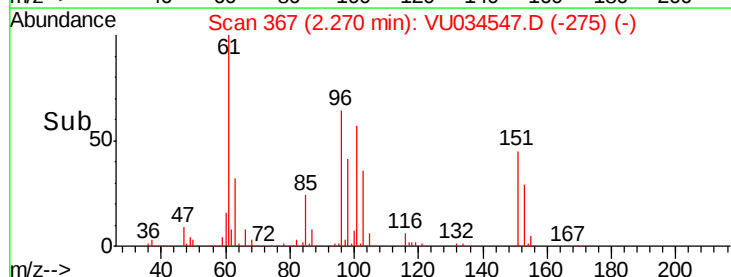
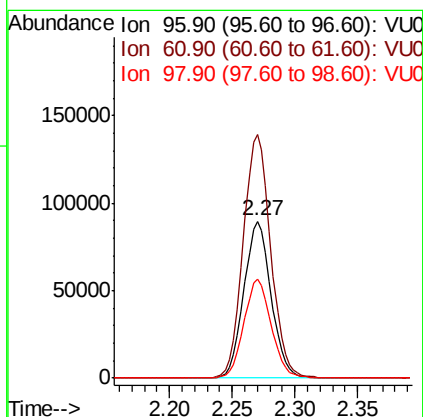
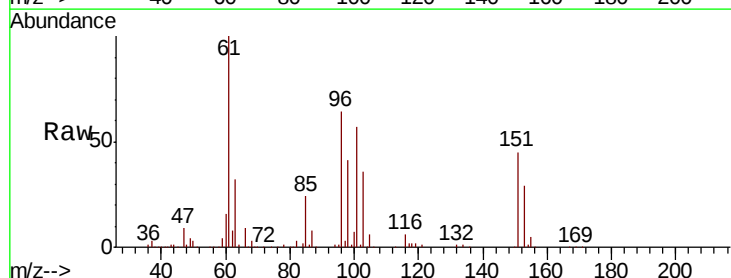
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

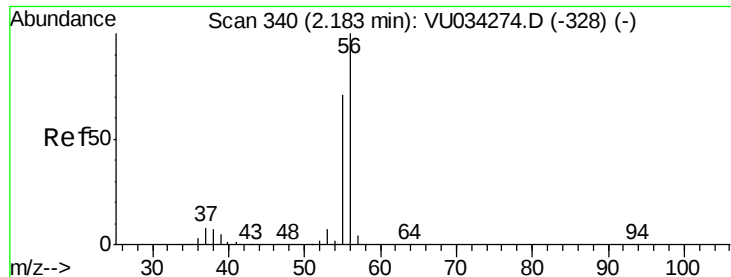
Tgt Ion: 59 Resp: 237916
Ion Ratio Lower Upper
59 100
57 9.0 7.9 11.9



#12
1,1-Dichloroethene
Concen: 54.619 ug/l
RT: 2.27 min Scan# 367
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion: 96 Resp: 135914
Ion Ratio Lower Upper
96 100
61 155.5 130.0 195.0
98 63.1 52.2 78.4





#13

Acrolein

Concen: 212.645 ug/l

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

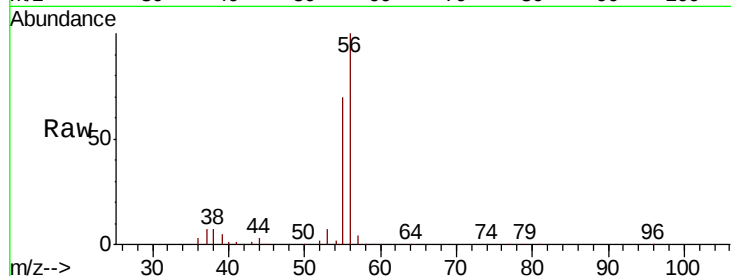
VSTDCCC050EC

Tgt Ion: 56 Resp: 130663

Ion Ratio Lower Upper

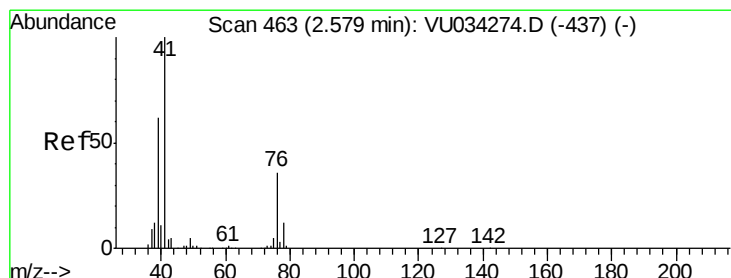
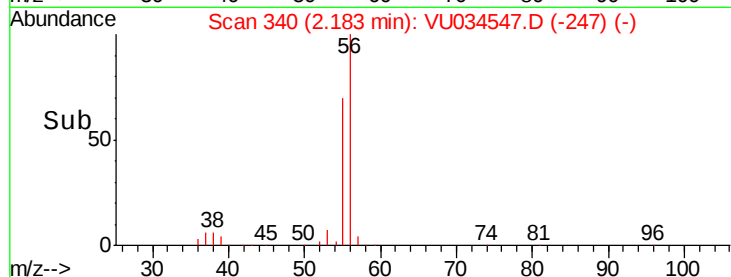
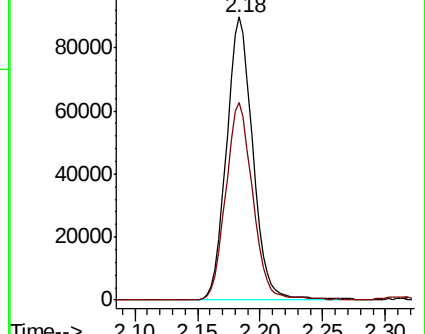
56 100

55 72.0 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU034274.D (-328) (-)

Ion 55.00 (54.70 to 55.70): VU034274.D (-328) (-)



#14

Allyl chloride

Concen: 46.611 ug/l

RT: 2.58 min Scan# 463

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

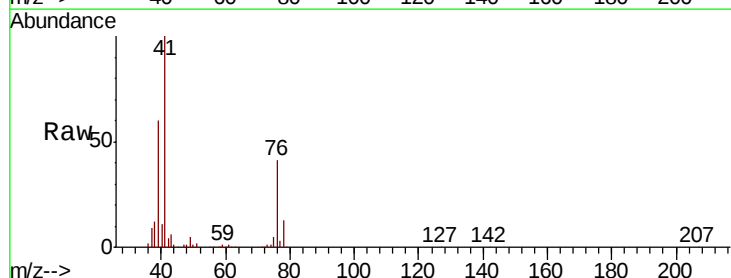
Tgt Ion: 41 Resp: 221747

Ion Ratio Lower Upper

41 100

39 61.3 43.5 65.3

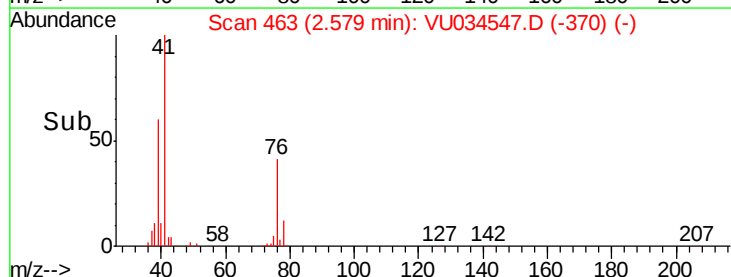
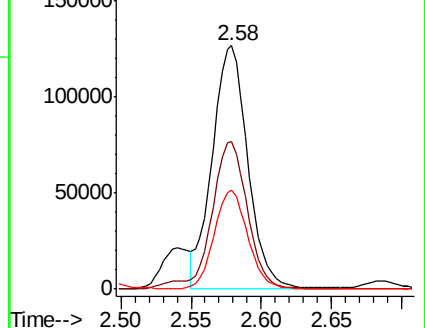
76 38.2 27.0 40.6

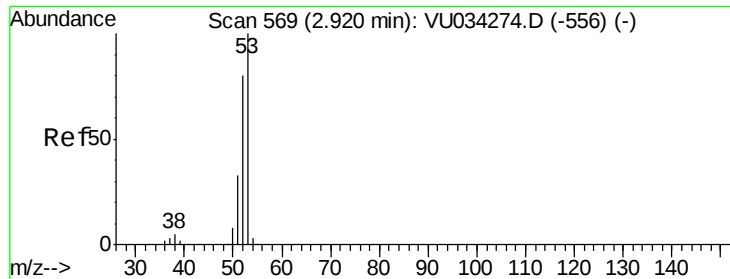


Abundance Ion 41.00 (40.70 to 41.70): VU034274.D (-437) (-)

Ion 39.00 (38.70 to 39.70): VU034274.D (-437) (-)

Ion 75.90 (75.60 to 76.60): VU034274.D (-437) (-)

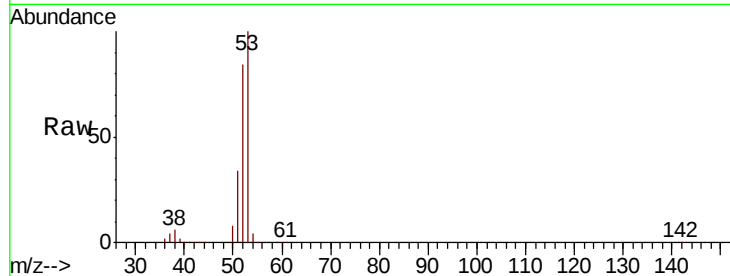




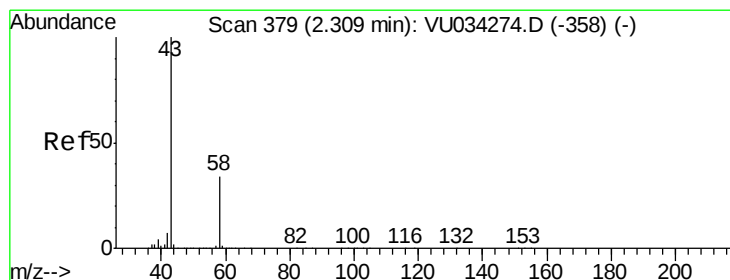
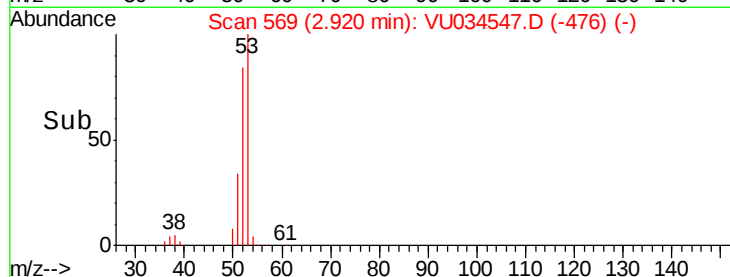
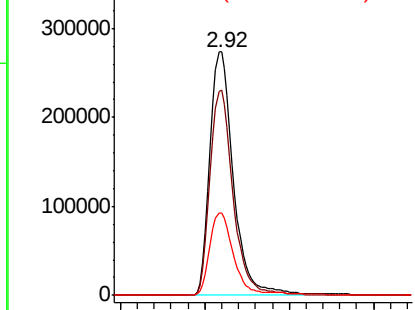
#15
 Acrylonitrile
 Concen: 294.295 ug/l
 RT: 2.92 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 53 Resp: 535781
 Ion Ratio Lower Upper
 53 100
 52 82.5 64.1 96.1
 51 35.0 27.4 41.0

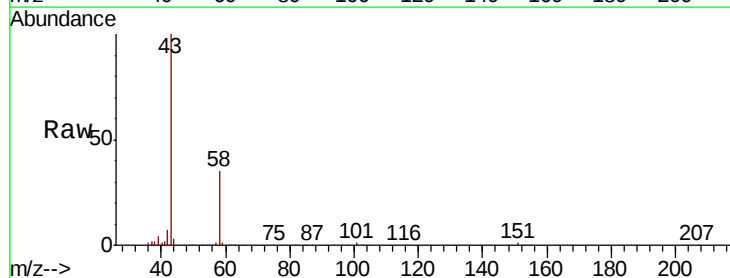


Abundance Ion 53.00 (52.70 to 53.70): VU0
 Ion 52.00 (51.70 to 52.70): VU0
 Ion 51.00 (50.70 to 51.70): VU0

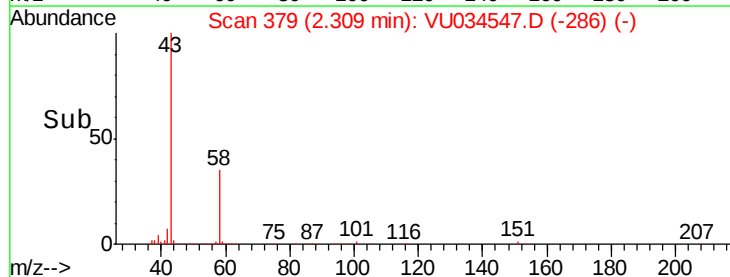
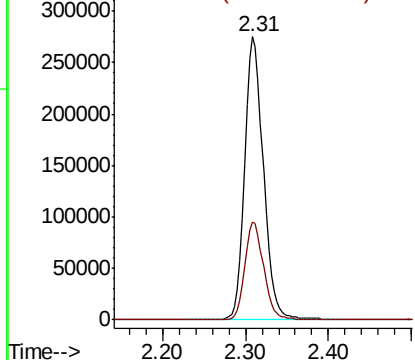


#16
 Acetone
 Concen: 241.839 ug/l
 RT: 2.31 min Scan# 379
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Tgt Ion: 43 Resp: 433084
 Ion Ratio Lower Upper
 43 100
 58 34.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

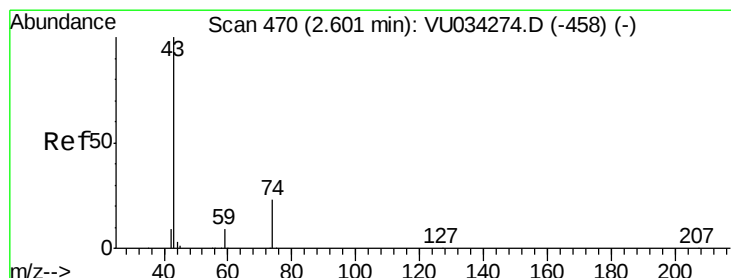
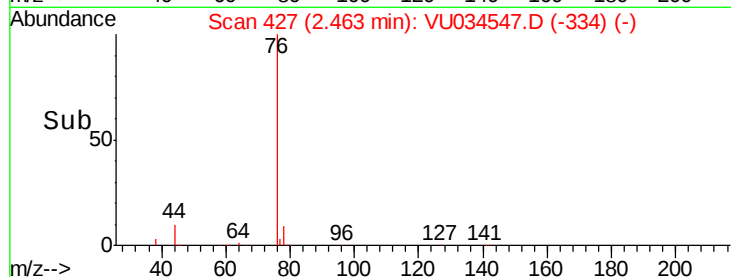
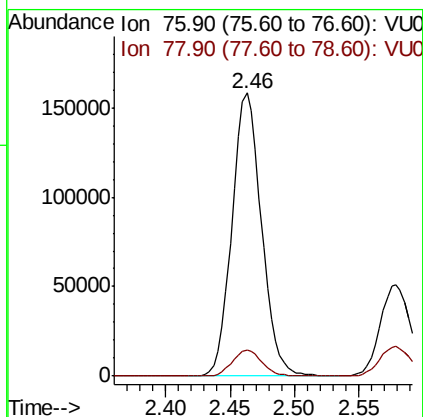
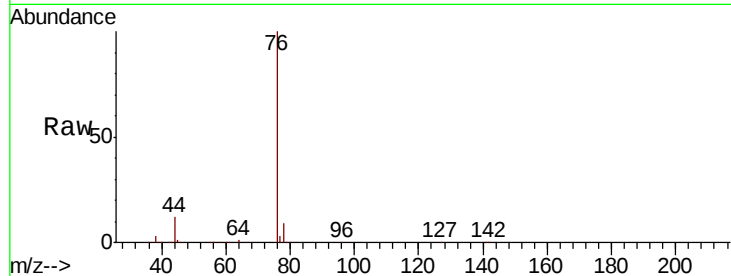




#17
Carbon Disulfide
Concen: 45.014 ug/l
RT: 2.46 min Scan# 427
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

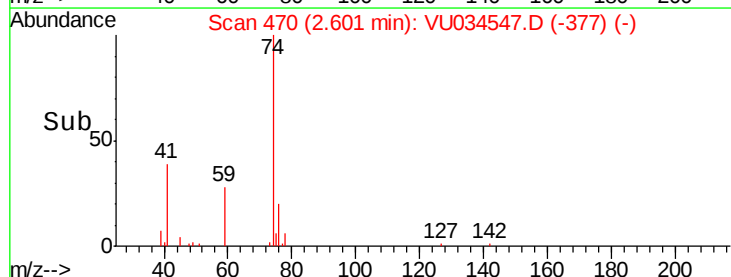
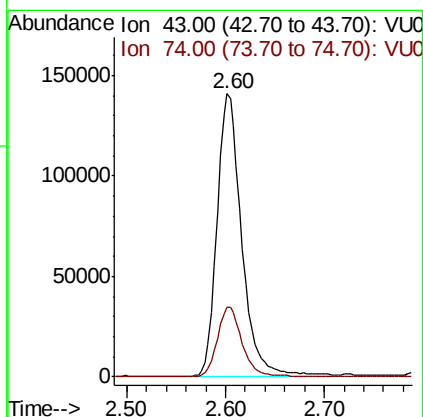
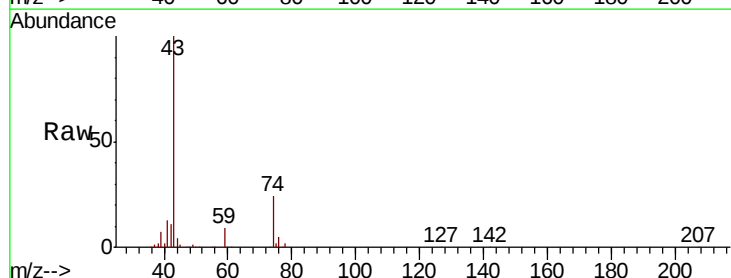
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

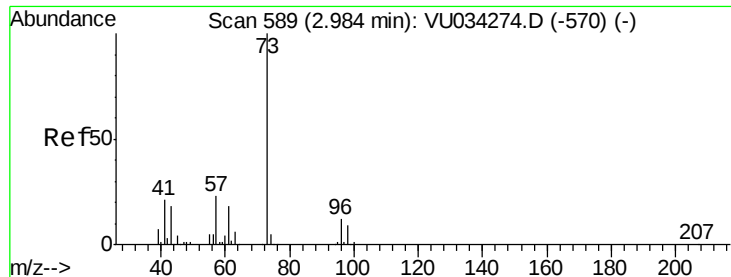
Tgt Ion: 76 Resp: 251755
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 56.441 ug/l
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion: 43 Resp: 245939
Ion Ratio Lower Upper
43 100
74 25.2 18.9 28.3

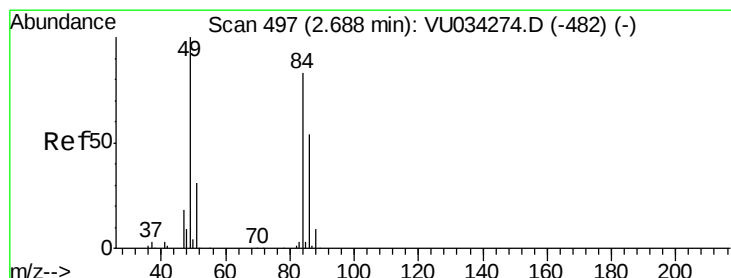
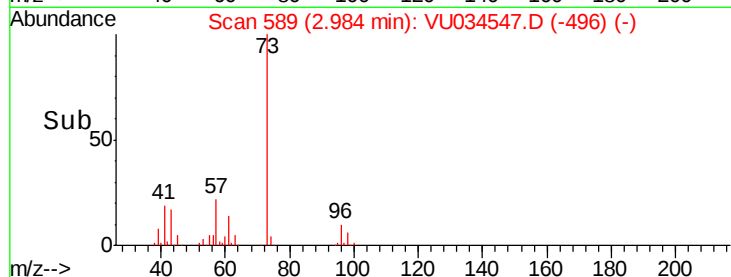
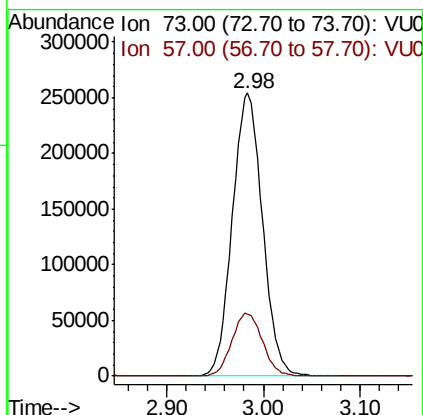
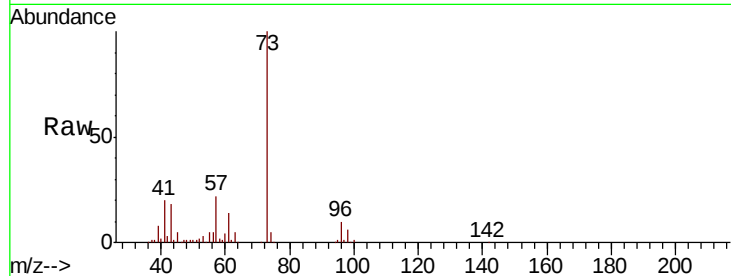




#19
Methyl tert-butyl Ether
Concen: 60.632 ug/l
RT: 2.98 min Scan# 589
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

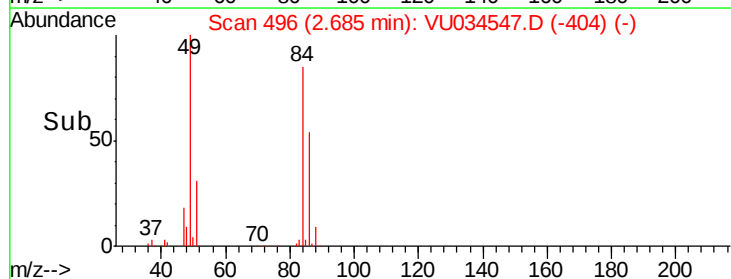
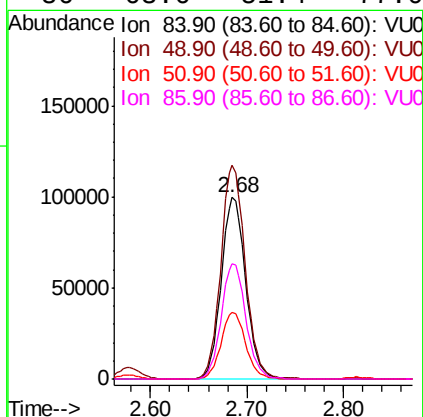
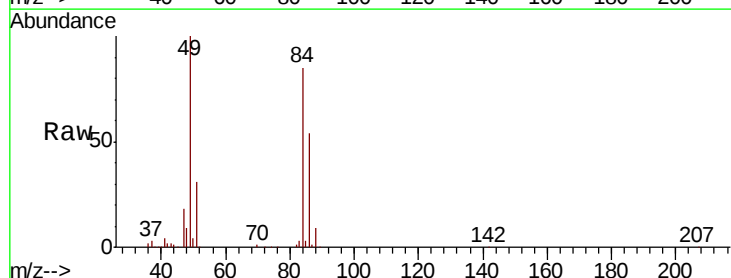
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

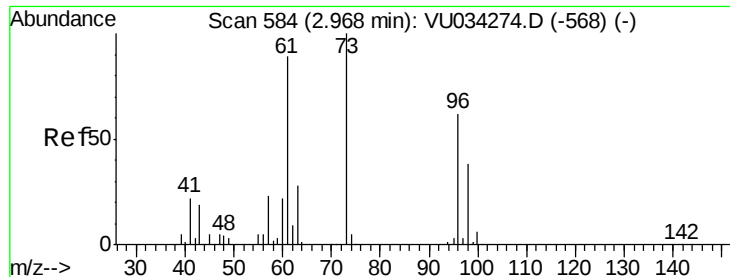
Tgt Ion: 73 Resp: 549943
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4



#20
Methylene Chloride
Concen: 59.968 ug/l
RT: 2.68 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion: 84 Resp: 175665
Ion Ratio Lower Upper
84 100
49 117.8 96.0 144.0
51 36.7 30.0 45.0
86 63.6 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 53.975 ug/l

RT: 2.96 min Scan# 583

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

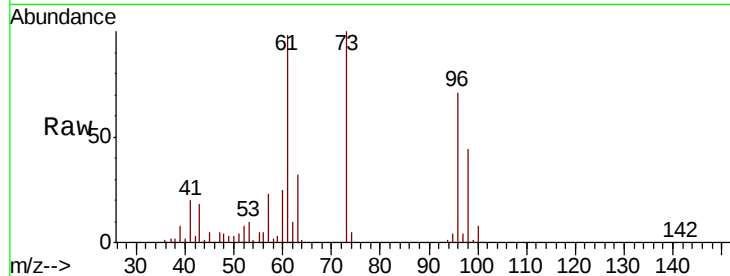
Tgt Ion: 96 Resp: 141540

Ion Ratio Lower Upper

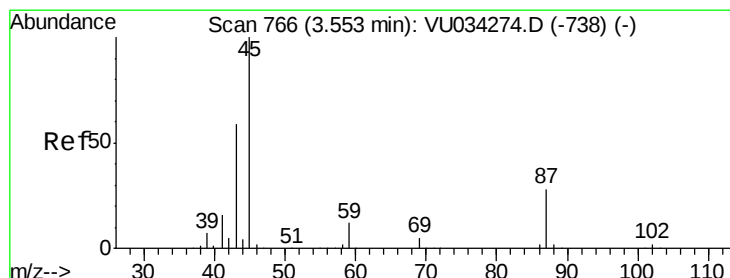
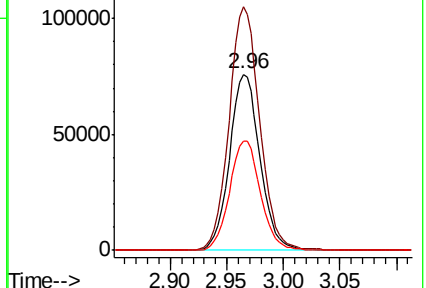
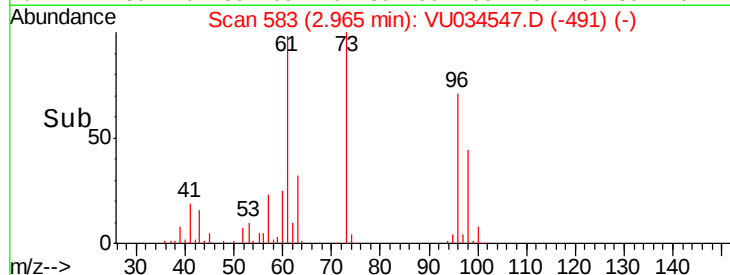
96 100

61 138.3 114.8 172.2

98 62.4 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034547.D (-491) (-)



#22

Diisopropyl ether

Concen: 59.904 ug/l

RT: 3.55 min Scan# 766

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Tgt Ion: 45 Resp: 555768

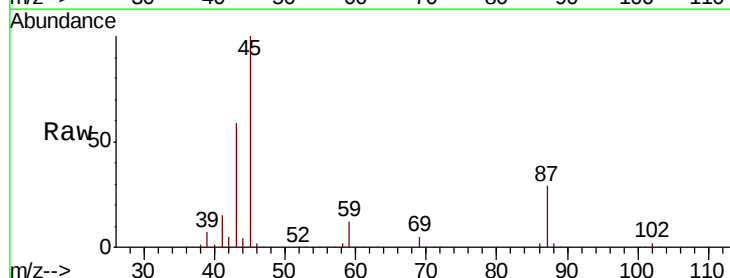
Ion Ratio Lower Upper

45 100

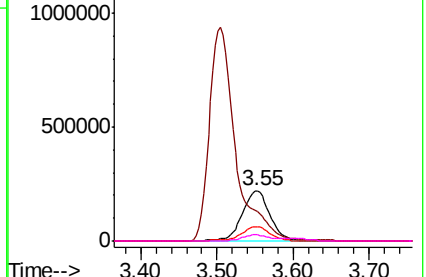
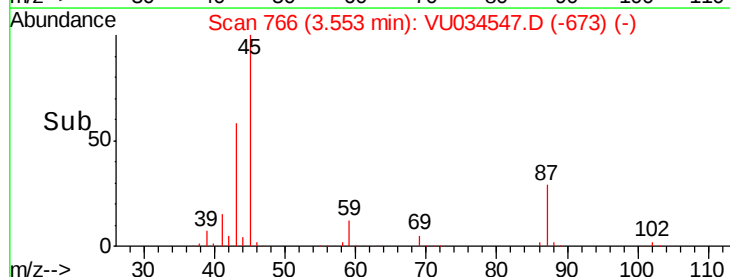
43 58.4 47.5 71.3

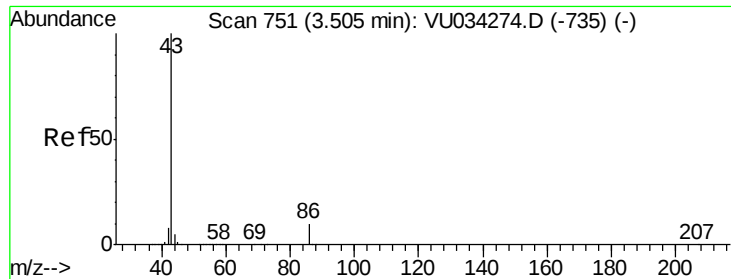
87 28.5 22.2 33.4

59 11.9 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VU034547.D (-673) (-)





#23

Vinyl Acetate

Concen: 298.501 ug/l

RT: 3.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

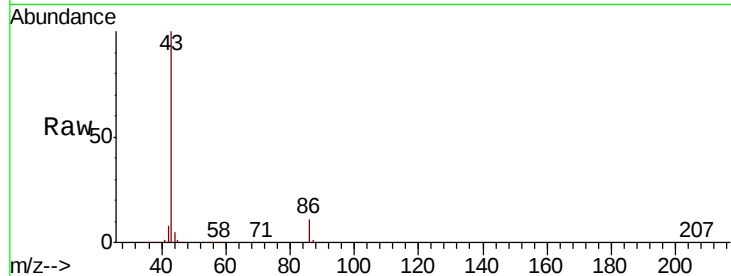
VSTDCCC050EC

Tgt Ion: 43 Resp: 2255823

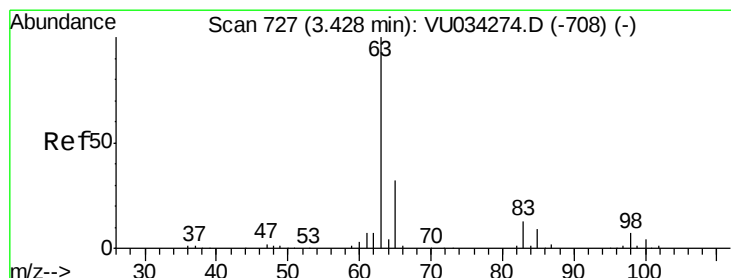
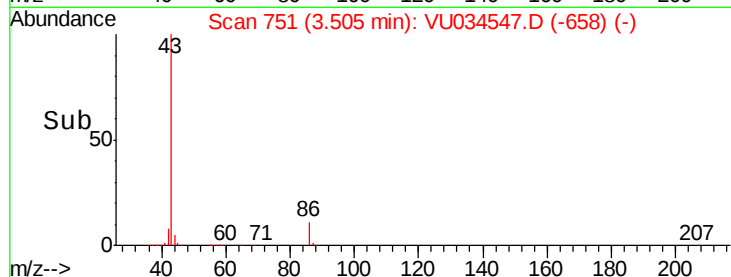
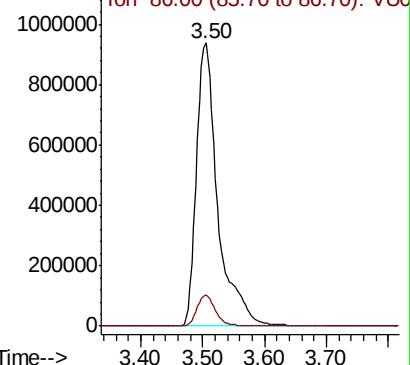
Ion Ratio Lower Upper

43 100

86 10.8 8.3 12.5



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



#24

1,1-Dichloroethane

Concen: 56.271 ug/l

RT: 3.42 min Scan# 726

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

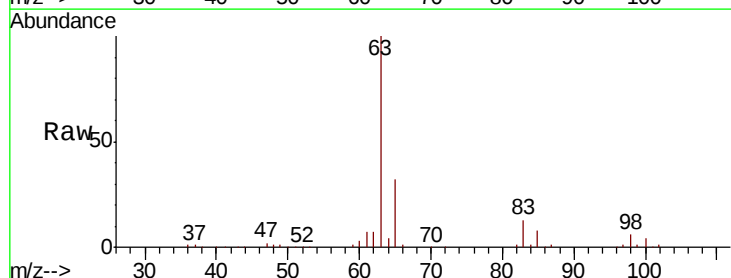
Tgt Ion: 63 Resp: 311772

Ion Ratio Lower Upper

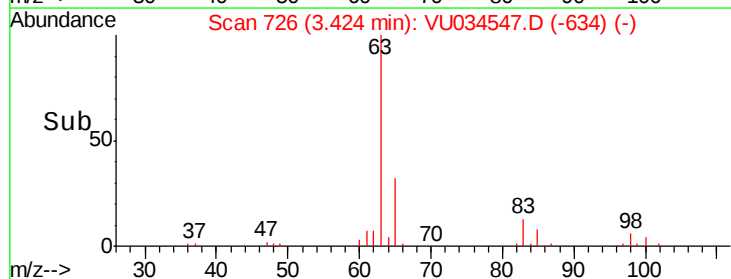
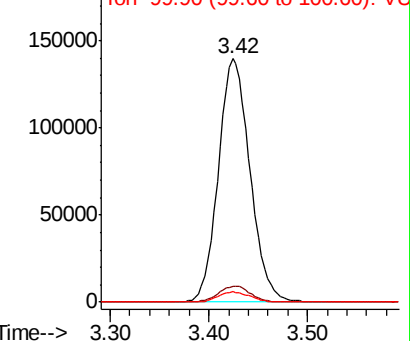
63 100

98 6.4 3.5 10.4

100 4.1 2.1 6.5



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





#25

2-Butanone

Concen: 291.683 ug/l

RT: 4.24 min Scan# 979

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

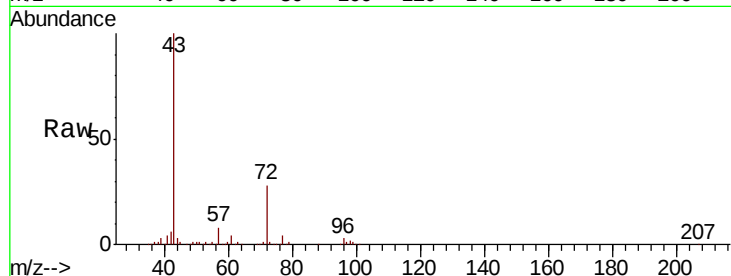
VSTDCCC050EC

Tgt Ion: 43 Resp: 697261

Ion Ratio Lower Upper

43 100

72 27.9 21.8 32.6



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

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

4.24

300000

250000

200000

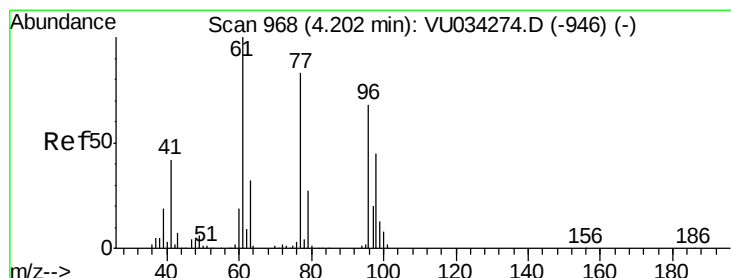
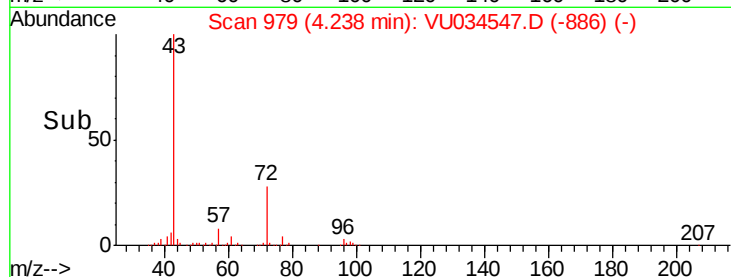
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.433 ug/l

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU034547.D

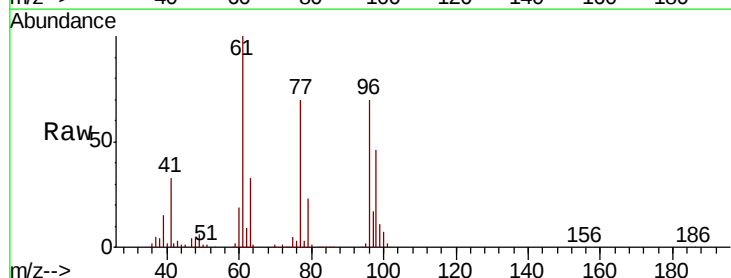
Acq: 13 Sep 2019 01:45

Tgt Ion: 77 Resp: 202453

Ion Ratio Lower Upper

77 100

97 24.3 11.8 35.3



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

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

4.20

80000

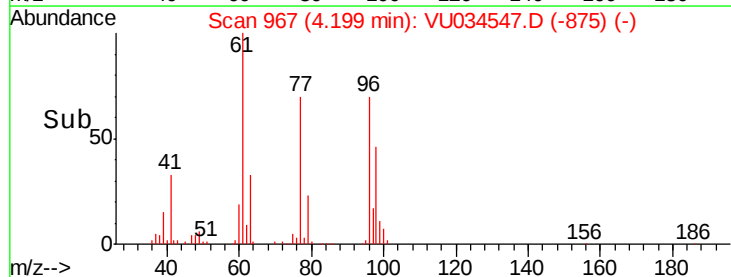
60000

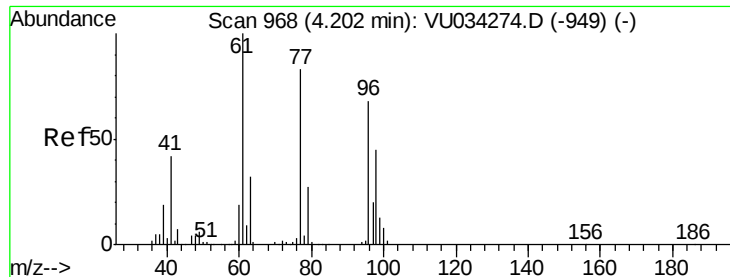
40000

20000

0

Time-->



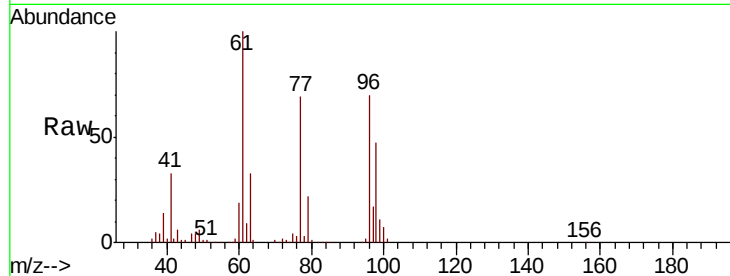


#27

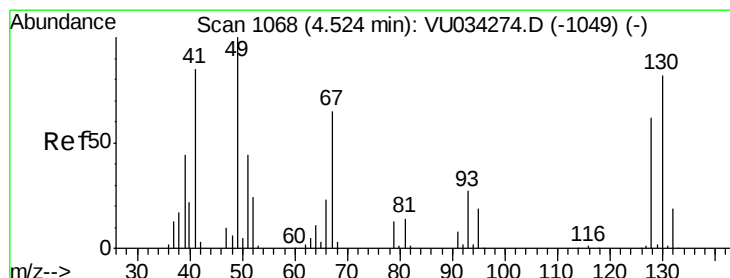
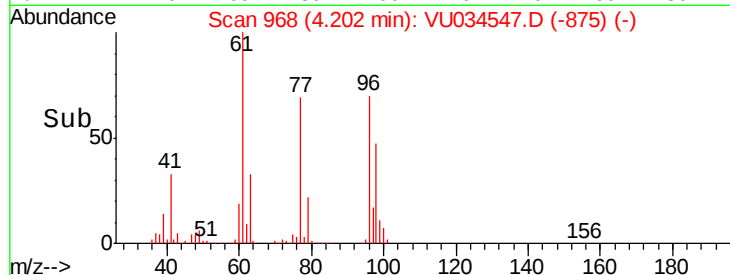
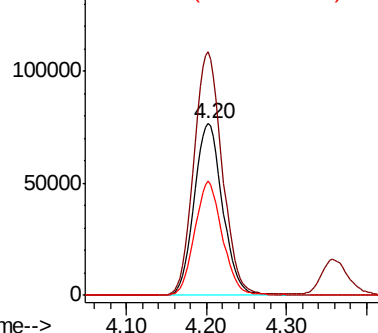
cis-1,2-Dichloroethene
 Concen: 58.859 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 187458
 Ion Ratio Lower Upper
 96 100
 61 141.2 0.0 297.4
 98 64.0 0.0 130.0



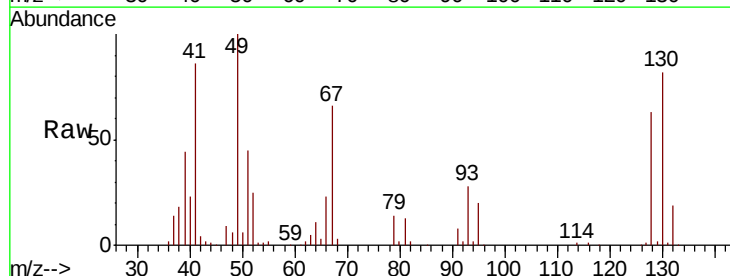
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



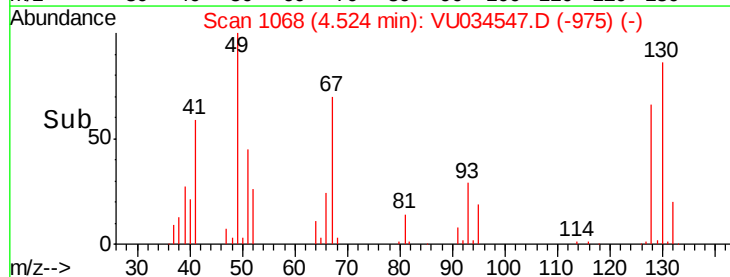
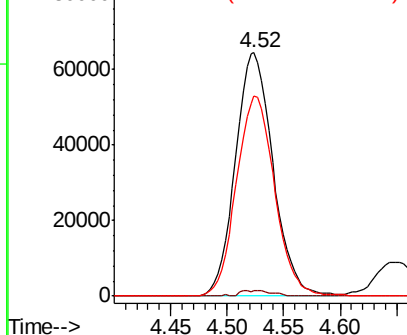
#28

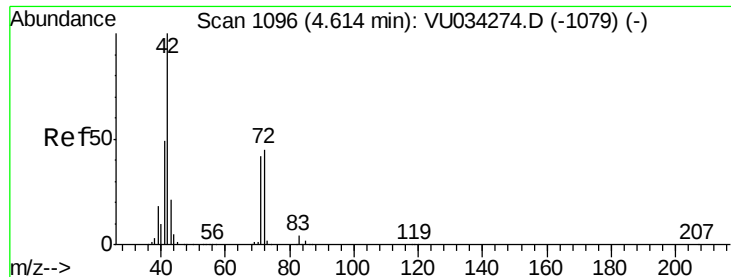
Bromochloromethane
 Concen: 58.681 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Tgt Ion: 49 Resp: 149543
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 3.8
 130 83.5 65.2 97.8



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





#29

Tetrahydrofuran

Concen: 300.770 ug/l

RT: 4.61 min Scan# 1096

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

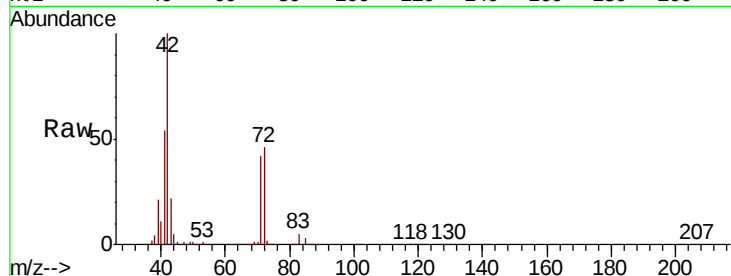
Tgt Ion: 42 Resp: 437506

Ion Ratio Lower Upper

42 100

72 46.1 36.6 54.8

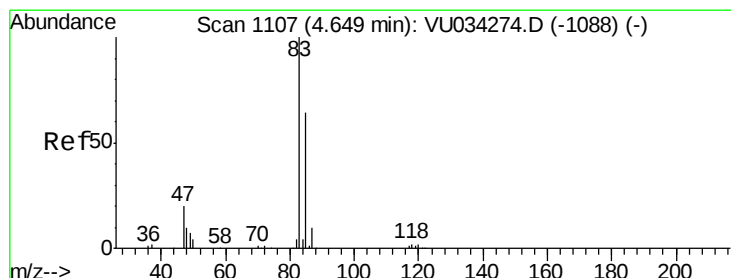
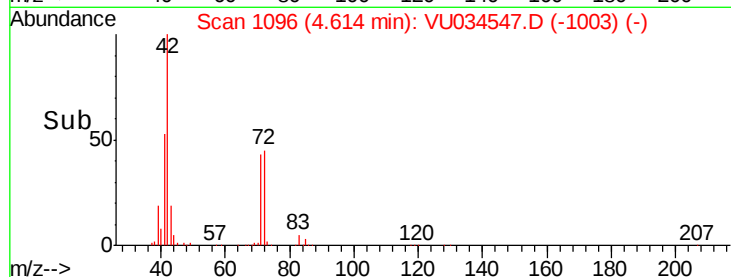
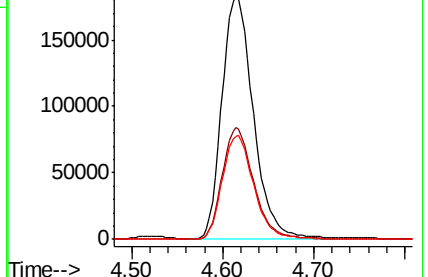
71 43.1 34.3 51.5



Abundance Ion 42.00 (41.70 to 42.70): VU034274.D (-1079) (-)

Ion 72.00 (71.70 to 72.70): VU034274.D (-1079) (-)

Ion 71.00 (70.70 to 71.70): VU034274.D (-1079) (-)



#30

Chloroform

Concen: 56.371 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU034547.D

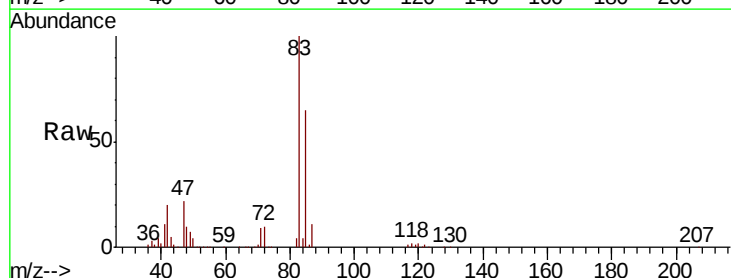
Acq: 13 Sep 2019 01:45

Tgt Ion: 83 Resp: 317467

Ion Ratio Lower Upper

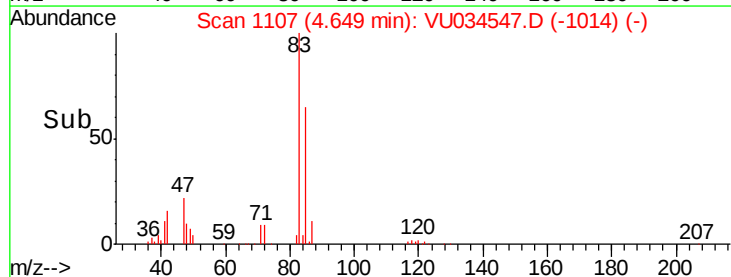
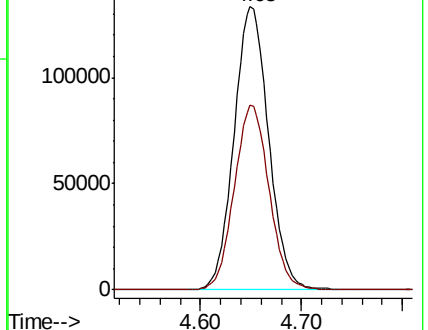
83 100

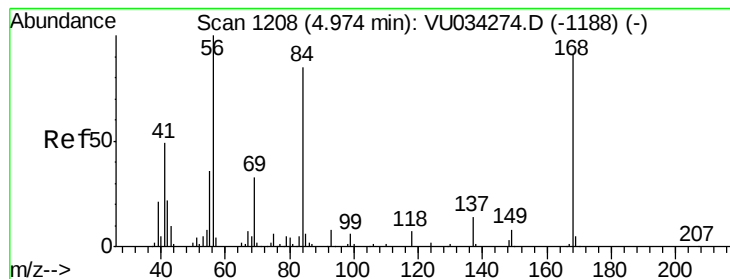
85 65.0 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU034274.D (-1088) (-)

Ion 84.90 (84.60 to 85.60): VU034274.D (-1088) (-)





#31

Cyclohexane

Concen: 51.799 ug/l

RT: 4.97 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

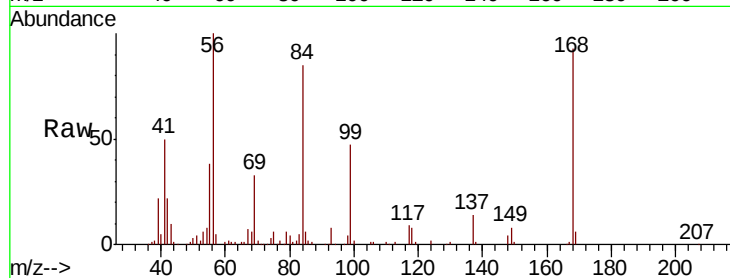
Tgt Ion: 56 Resp: 209961

Ion Ratio Lower Upper

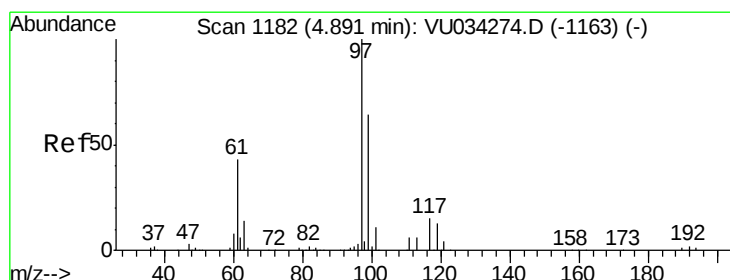
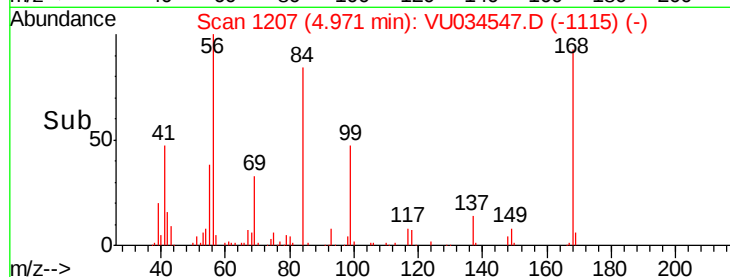
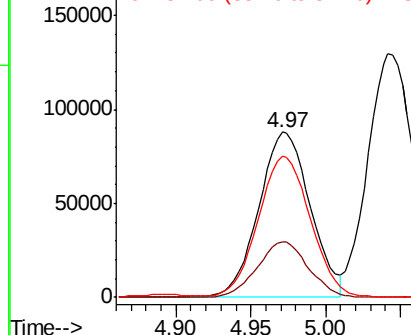
56 100

69 33.5 26.7 40.1

84 84.3 68.2 102.4



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



#32

1,1,1-Trichloroethane

Concen: 57.222 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

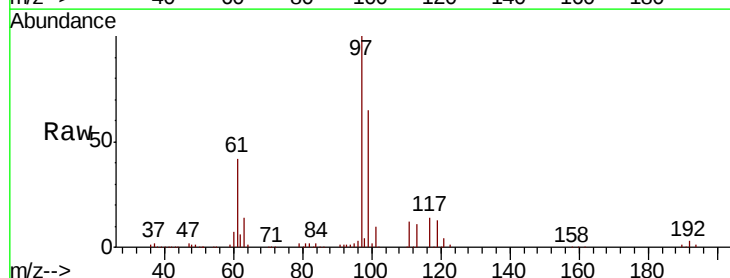
Tgt Ion: 97 Resp: 257655

Ion Ratio Lower Upper

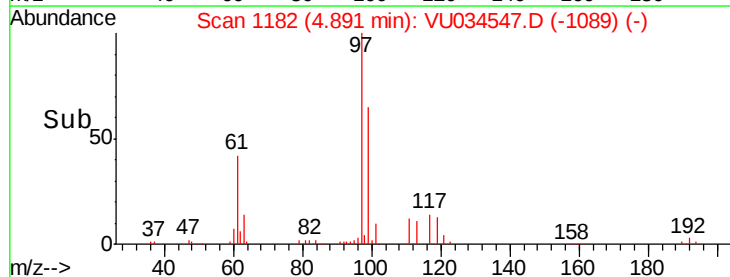
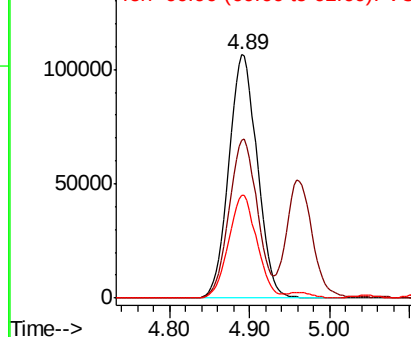
97 100

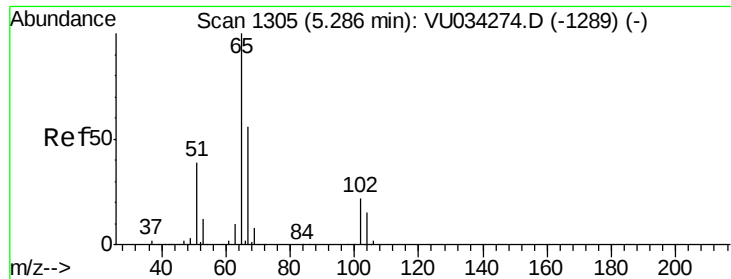
99 64.9 50.9 76.3

61 42.3 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

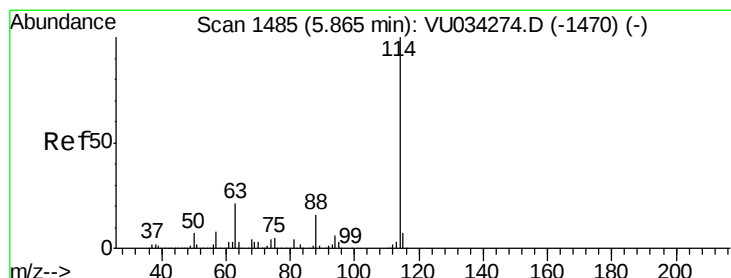
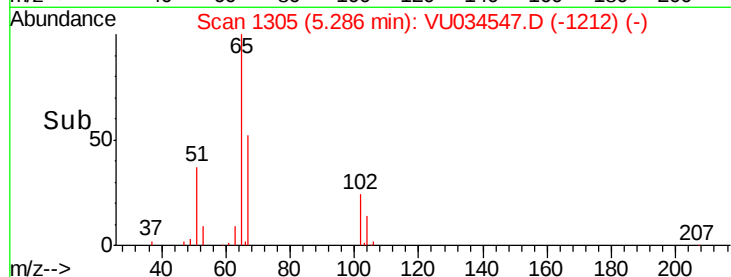
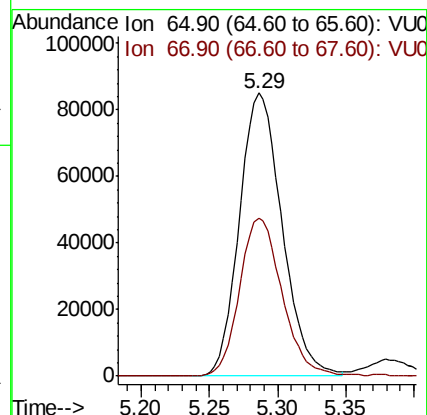
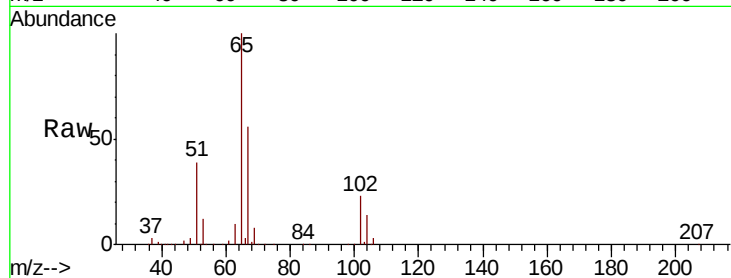




#33
 1,2-Dichloroethane-d4
 Concen: 53.471 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

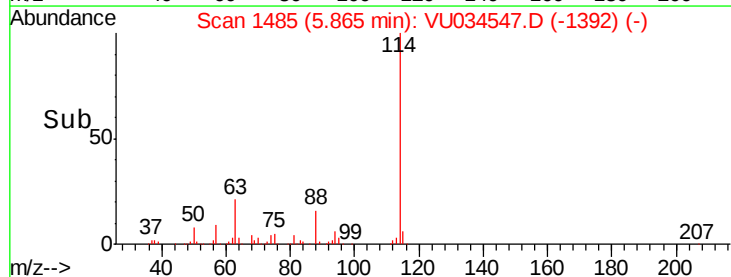
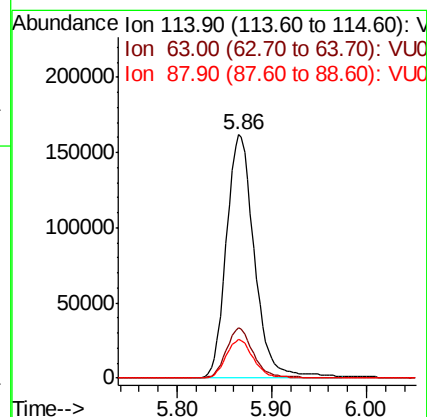
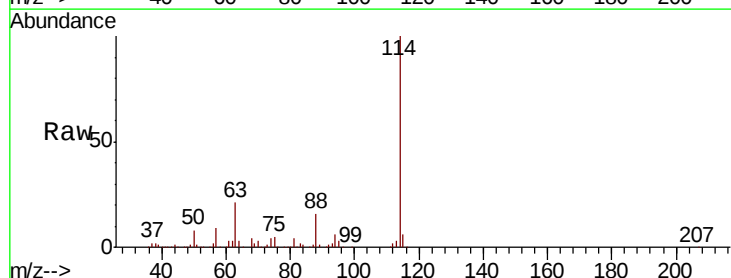
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

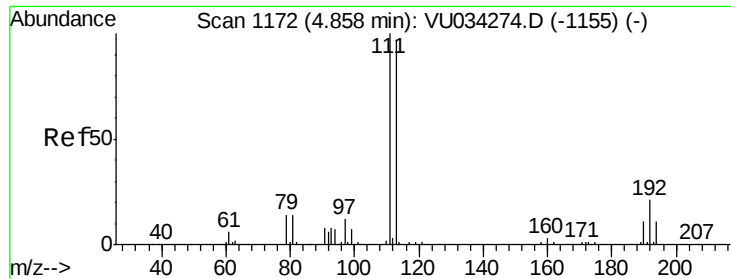
Tgt Ion: 65 Resp: 185036
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Tgt Ion: 114 Resp: 334103
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 15.7 0.0 32.4

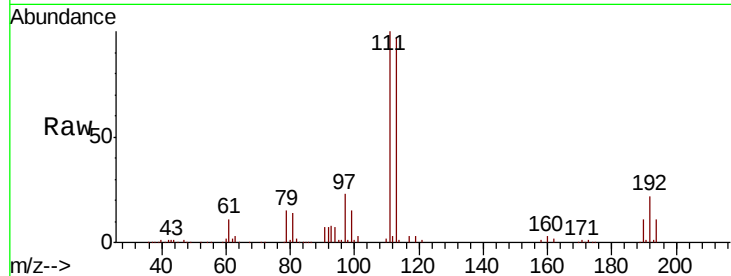




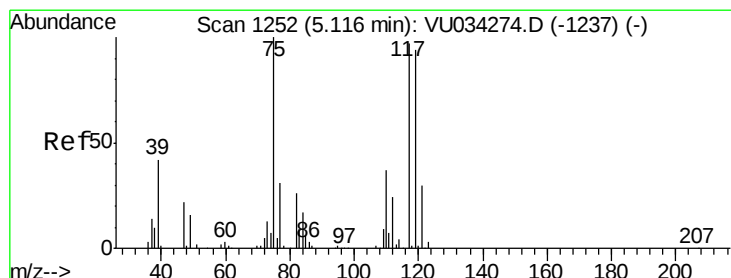
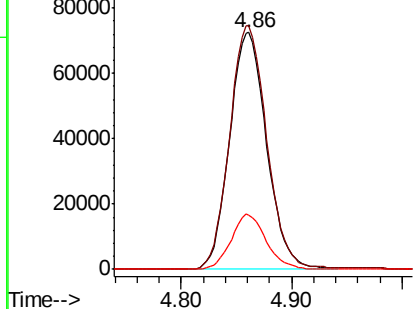
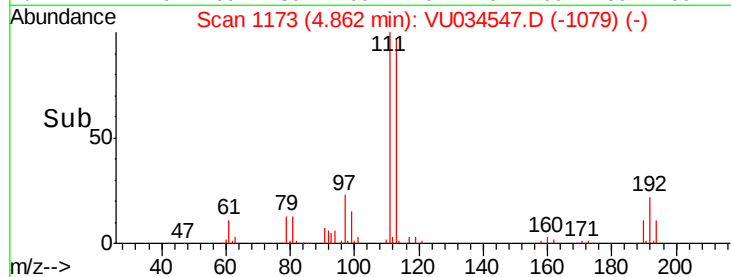
#35
 Dibromofluoromethane
 Concen: 54.323 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.5	122.3
192	22.0	17.8	26.8

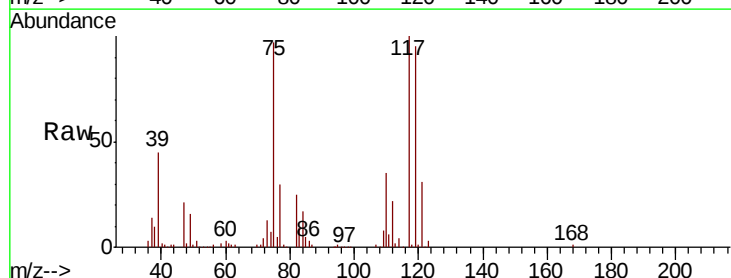


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

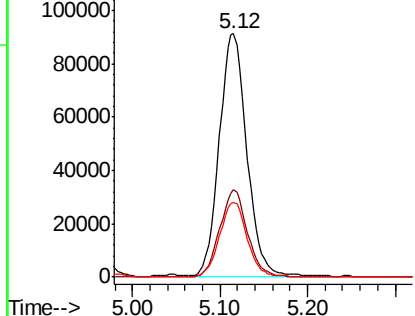
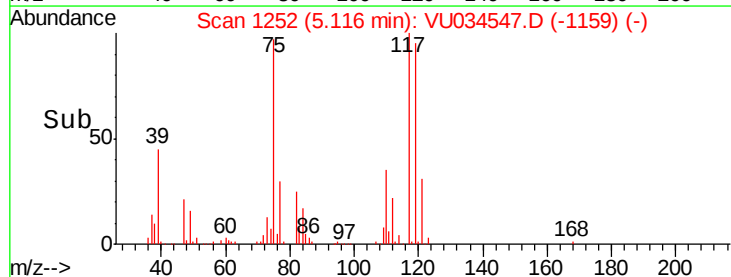


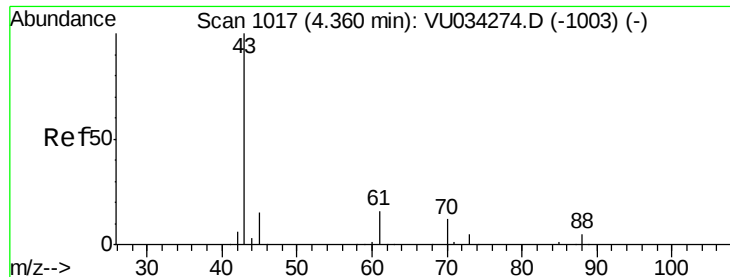
#36
 1,1-Dichloropropene
 Concen: 54.530 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.3	54.9
77	30.9	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

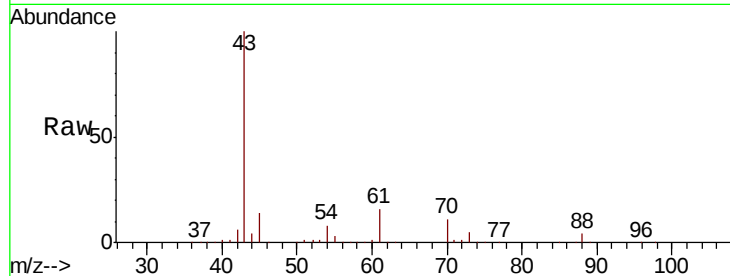




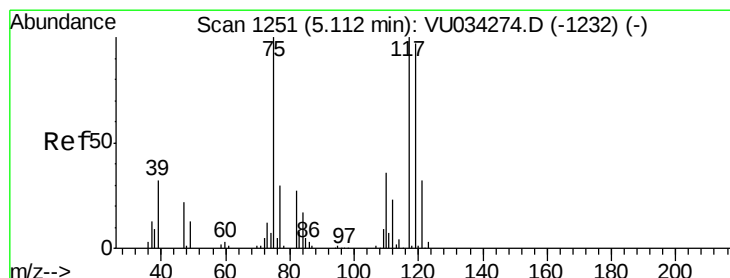
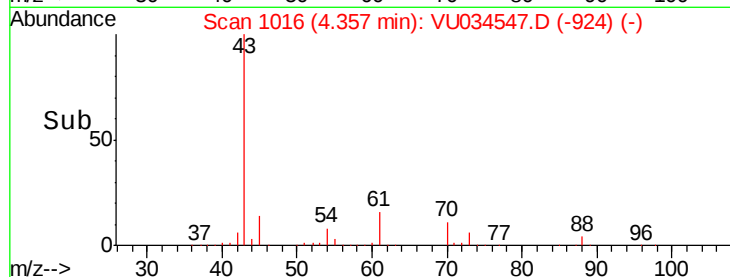
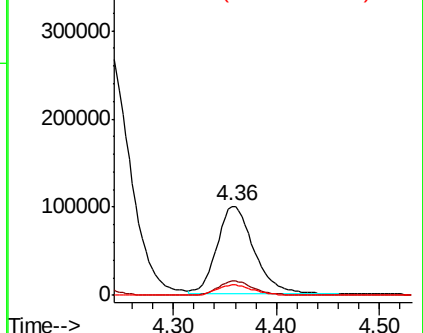
#37
Ethyl Acetate
Concen: 58.236 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 249482
Ion Ratio Lower Upper
43 100
61 14.7 12.3 18.5
70 11.7 9.1 13.7

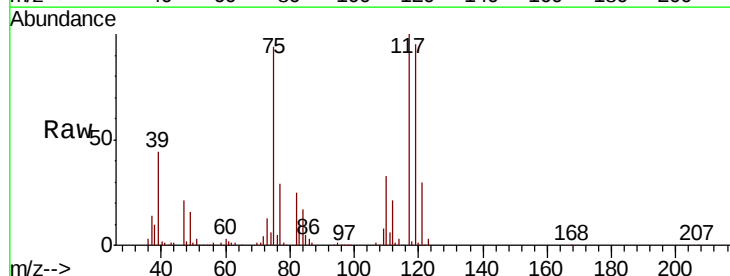


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

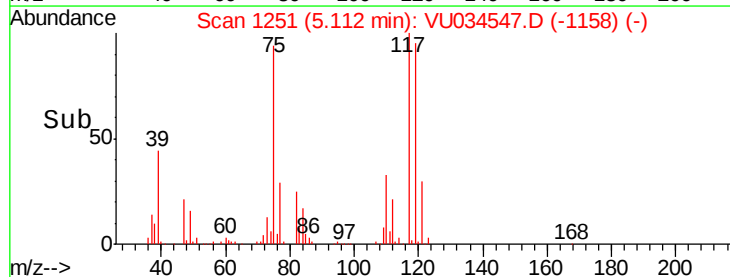
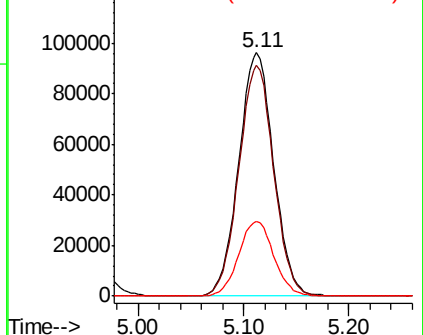


#38
Carbon Tetrachloride
Concen: 57.238 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion: 117 Resp: 221443
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.6
121 30.5 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

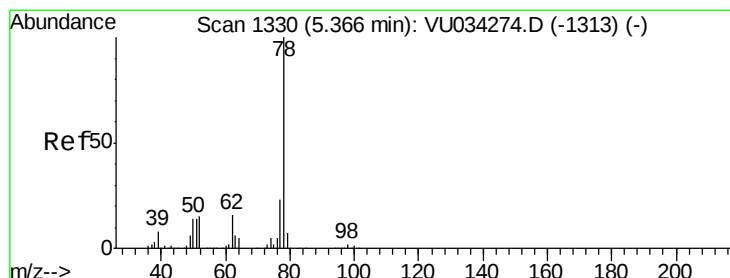
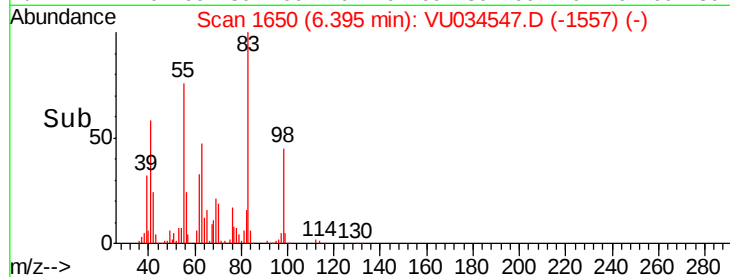
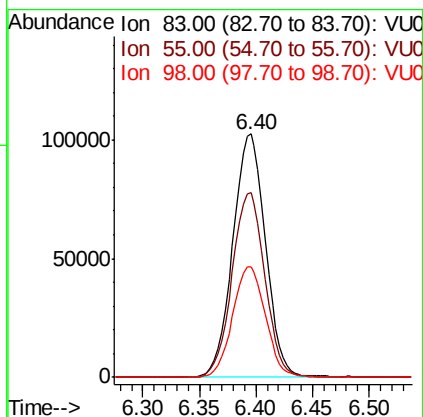
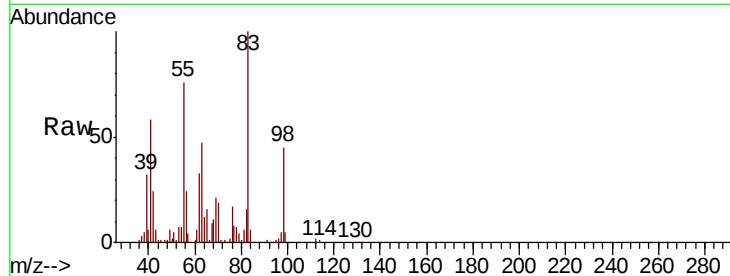




#39
Methylcyclohexane
Concen: 53.386 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

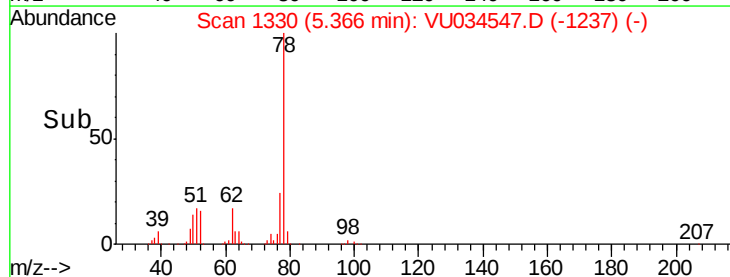
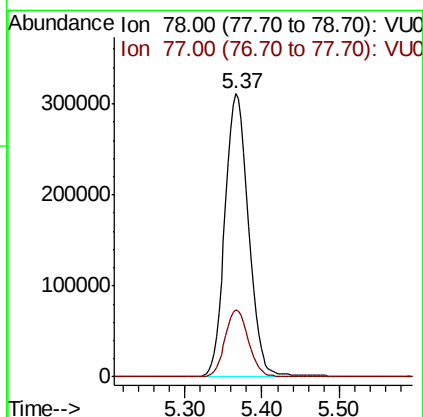
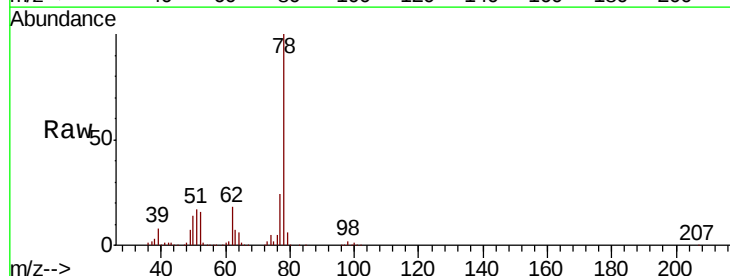
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

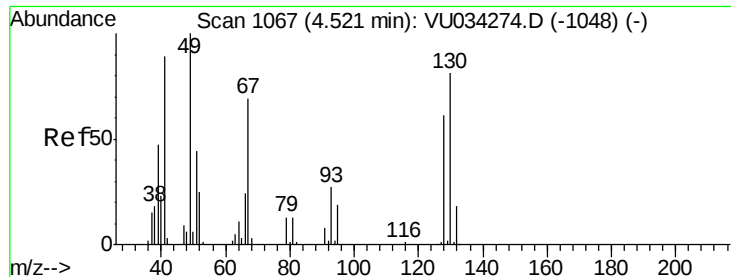
Tgt Ion: 83 Resp: 206785
Ion Ratio Lower Upper
83 100
55 75.7 62.1 93.1
98 45.3 37.0 55.6



#40
Benzene
Concen: 56.509 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion: 78 Resp: 660689
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

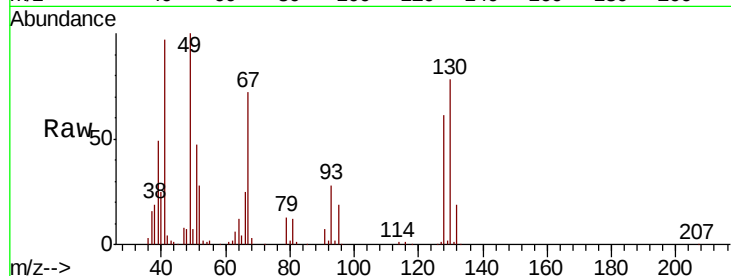




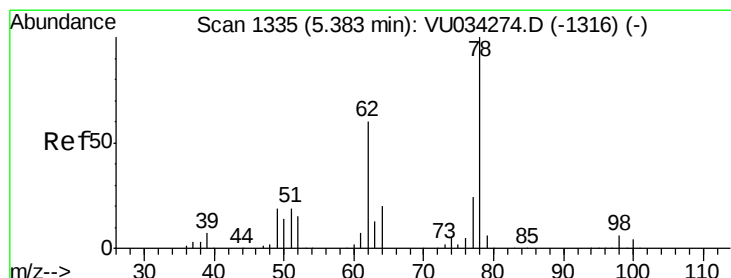
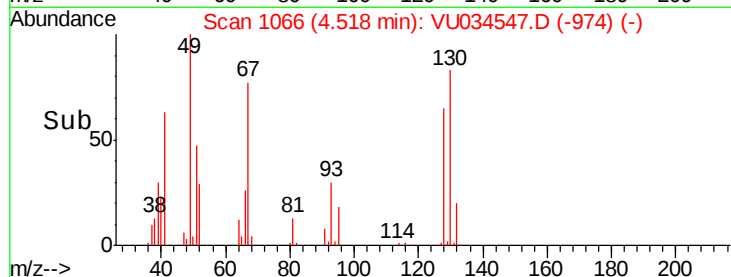
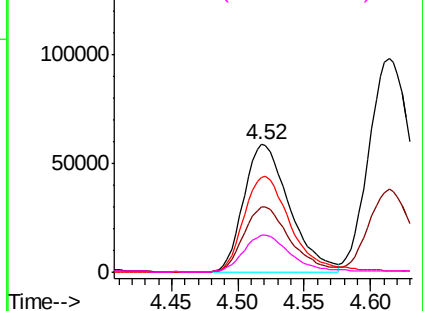
#41
Methacrylonitrile
Concen: 61.882 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	141211
Ion	Ratio	Lower	Upper
41	100		
39	51.0	41.0	61.4
67	77.6	62.4	93.6
52	29.6	23.6	35.4

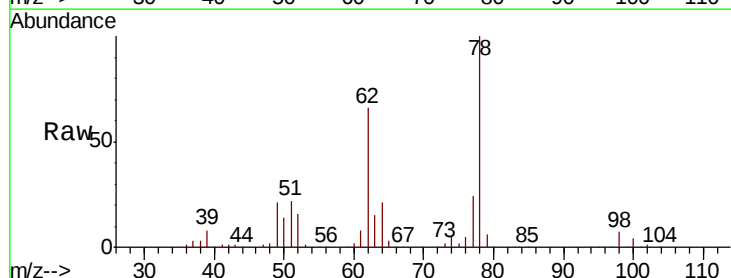


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

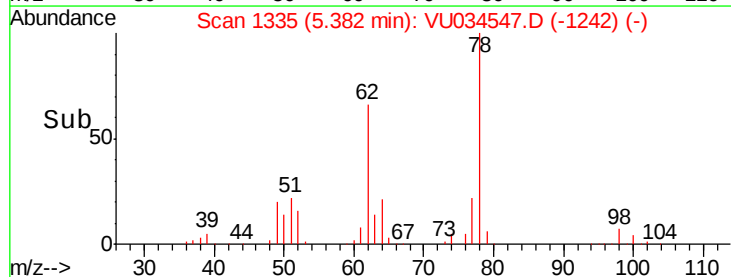
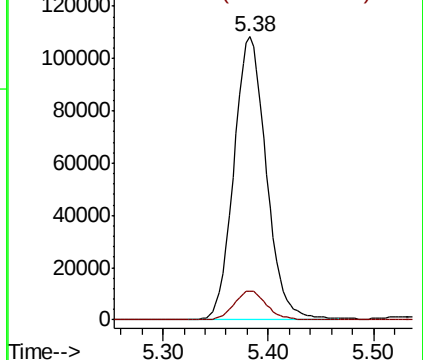


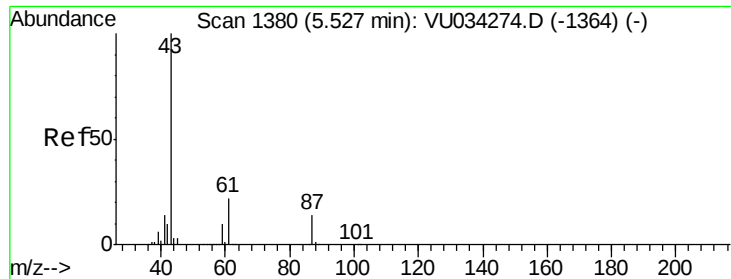
#42
1,2-Dichloroethane
Concen: 56.982 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion:	62	Resp:	231306
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.0



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

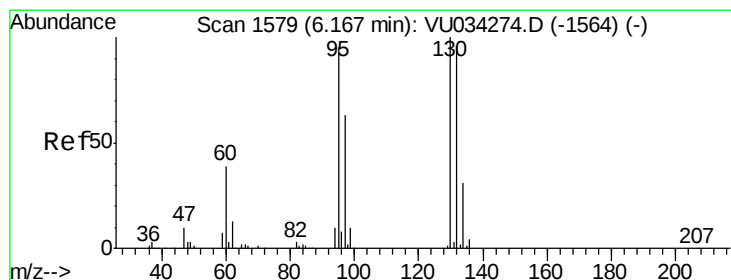
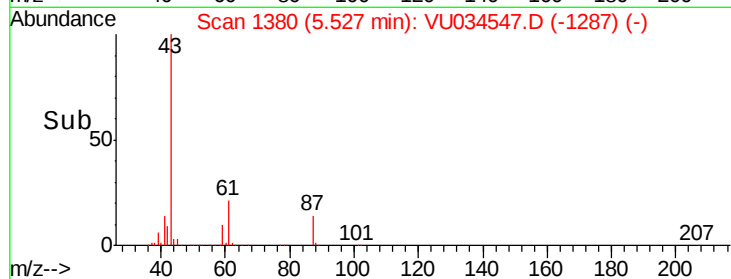
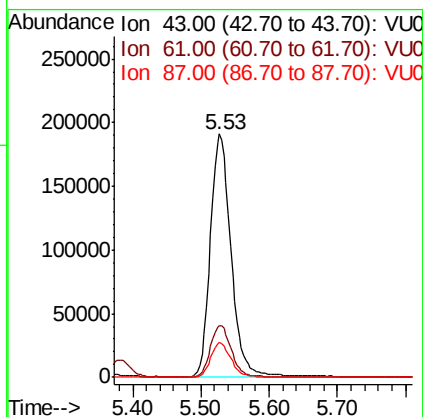
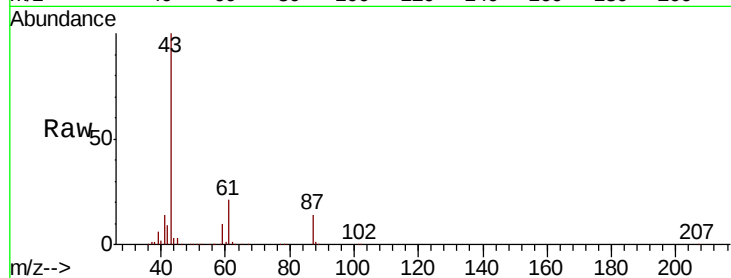




#43
Isopropyl Acetate
Concen: 59.918 ug/l
RT: 5.53 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

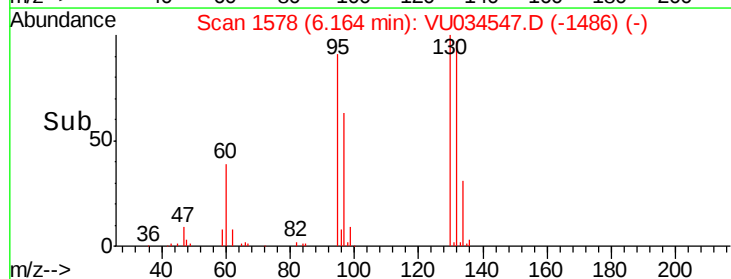
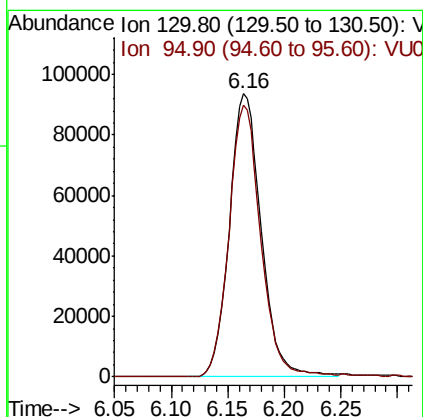
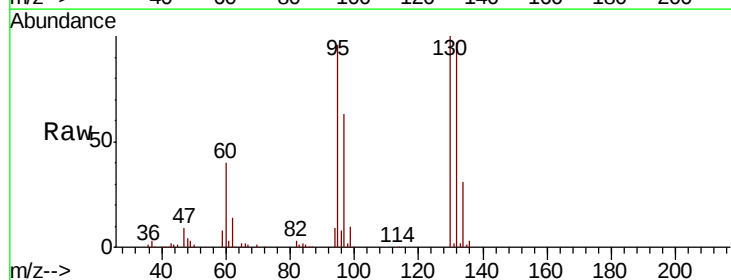
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

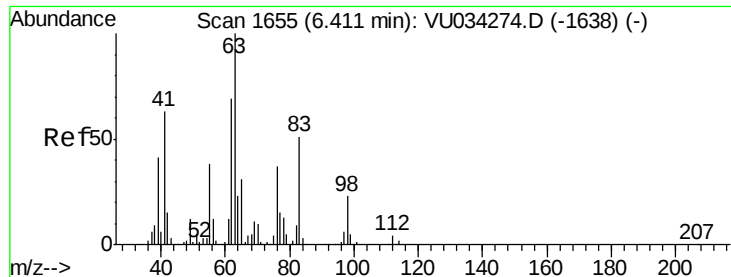
Tgt Ion: 43 Resp: 400436
Ion Ratio Lower Upper
43 100
61 22.0 17.1 25.7
87 14.3 11.1 16.7



#44
Trichloroethene
Concen: 56.735 ug/l
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion: 130 Resp: 183557
Ion Ratio Lower Upper
130 100
95 96.0 0.0 189.2





#45

1,2-Dichloropropane

Concen: 57.569 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

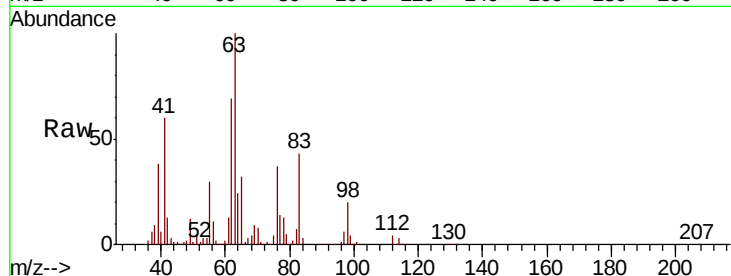
VSTDCCC050EC

Tgt Ion: 63 Resp: 196771

Ion Ratio Lower Upper

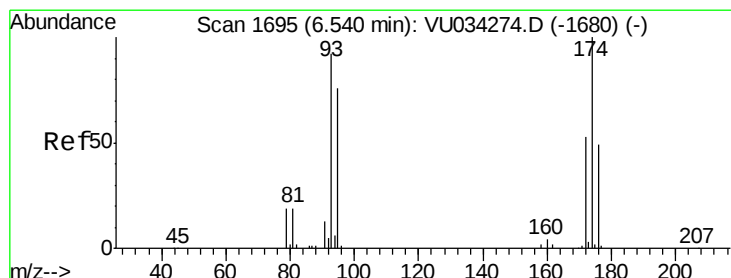
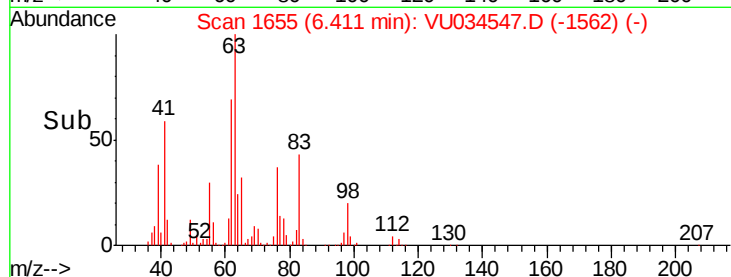
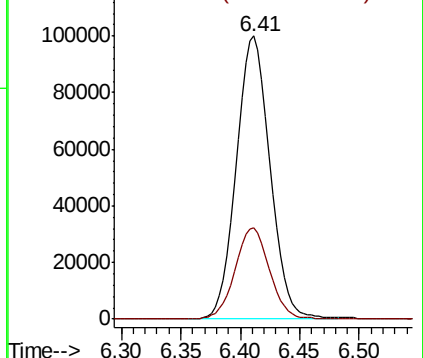
63 100

65 32.1 24.6 37.0



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

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



#46

Dibromomethane

Concen: 57.574 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

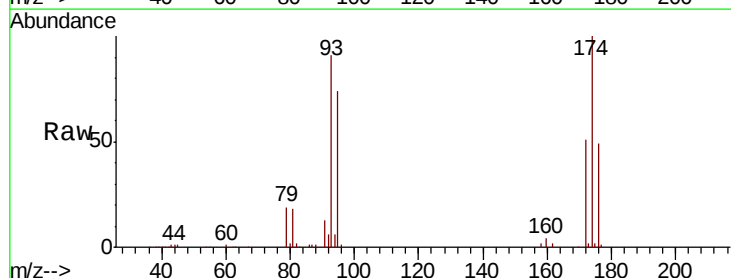
Tgt Ion: 93 Resp: 123524

Ion Ratio Lower Upper

93 100

95 84.3 66.5 99.7

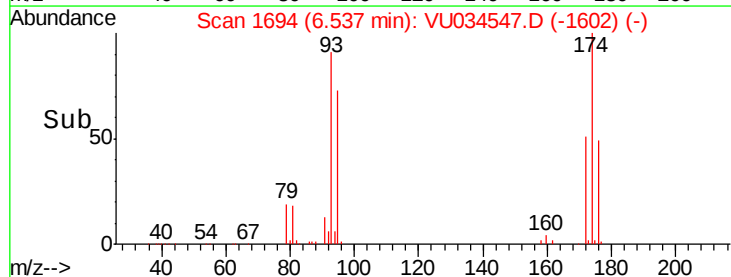
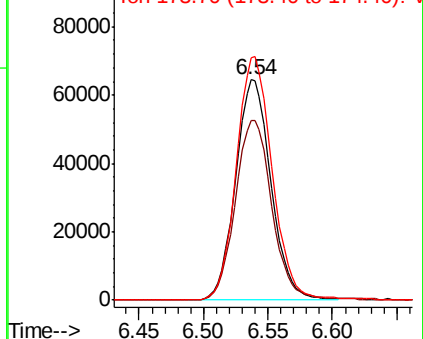
174 112.2 87.8 131.6

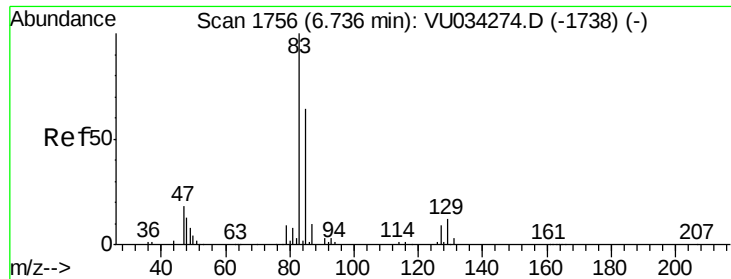


Abundance Ion 92.80 (92.50 to 93.50): VU034274.D (-1680) (-)

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

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

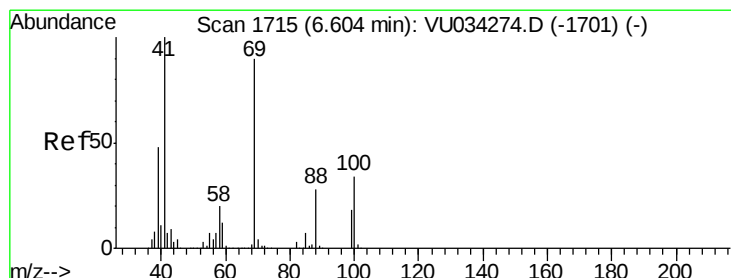
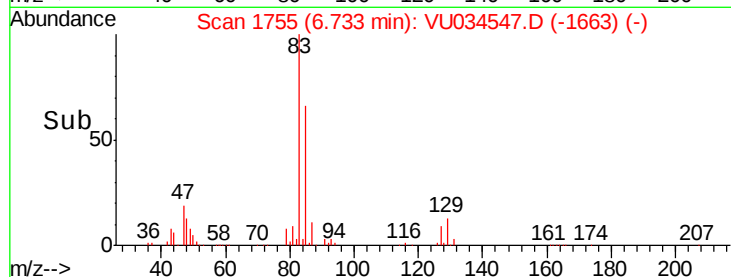
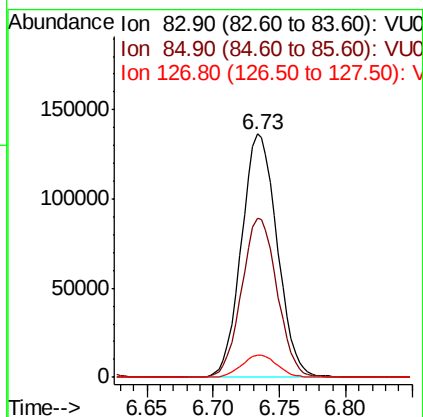
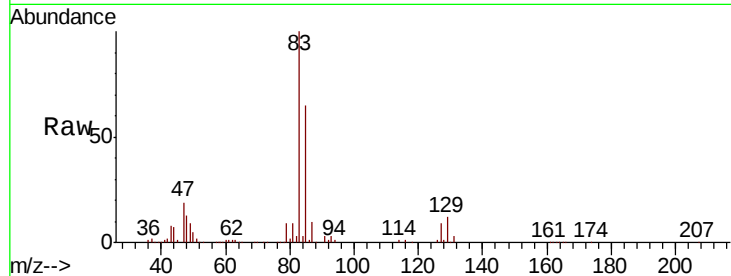




#47
Bromodichloromethane
Concen: 57.813 ug/l
RT: 6.73 min Scan# 1755
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

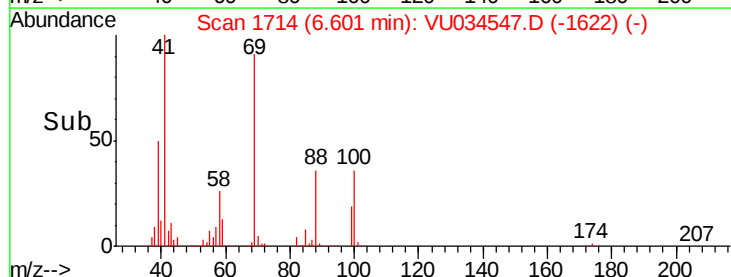
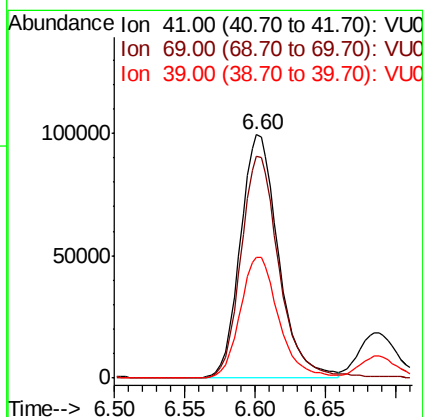
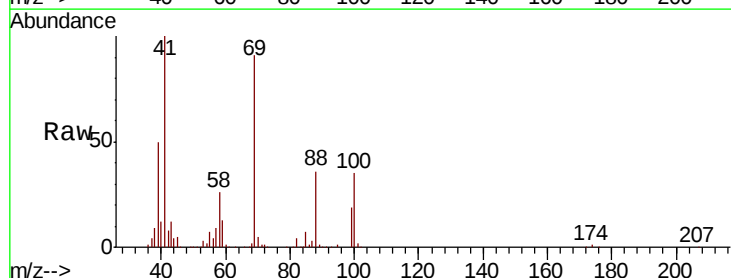
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

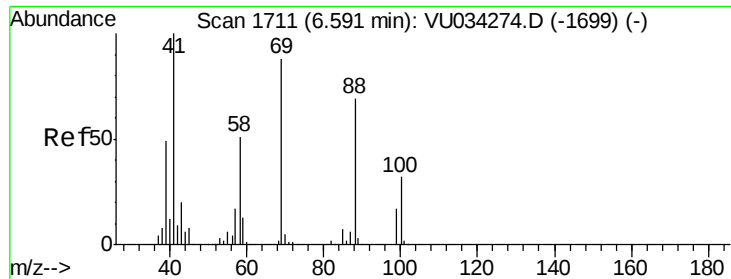
Tgt Ion: 83 Resp: 255321
Ion Ratio Lower Upper
83 100
85 65.5 51.1 76.7
127 9.1 7.2 10.8



#48
Methyl methacrylate
Concen: 58.983 ug/l
RT: 6.60 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion: 41 Resp: 187220
Ion Ratio Lower Upper
41 100
69 92.1 72.8 109.2
39 49.9 38.6 58.0

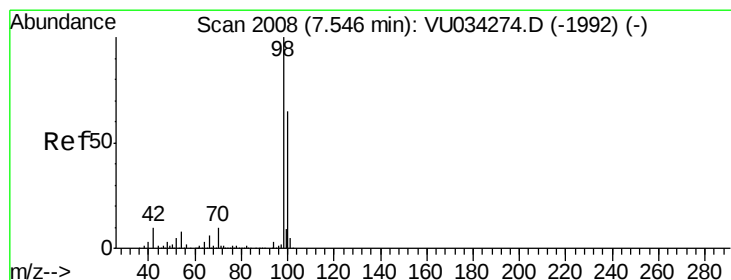
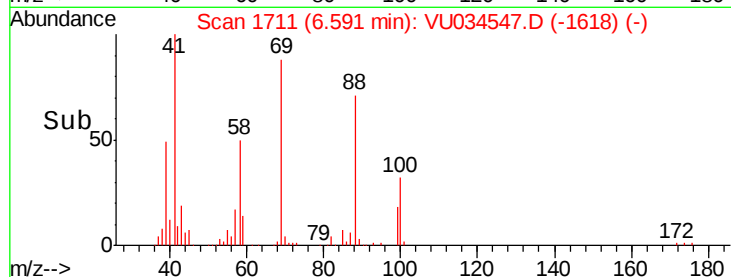
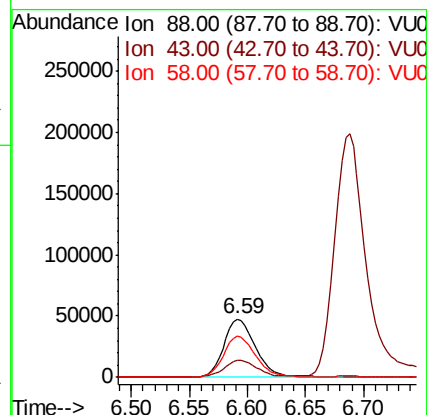
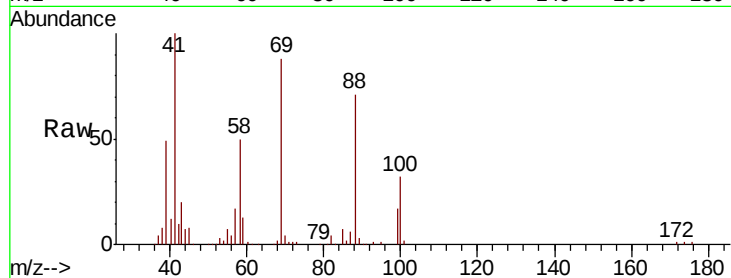




#49
 1,4-Dioxane
 Concen: 1294.838 ug/l
 RT: 6.59 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

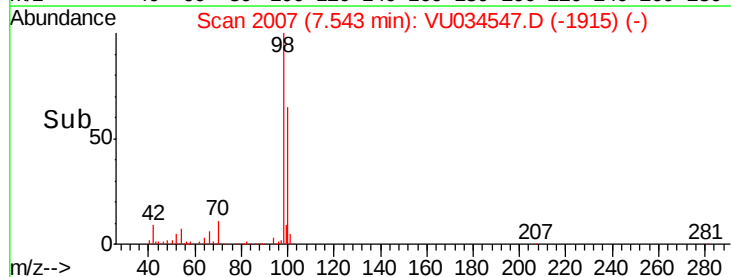
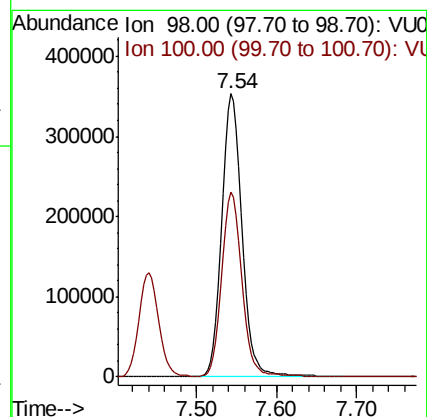
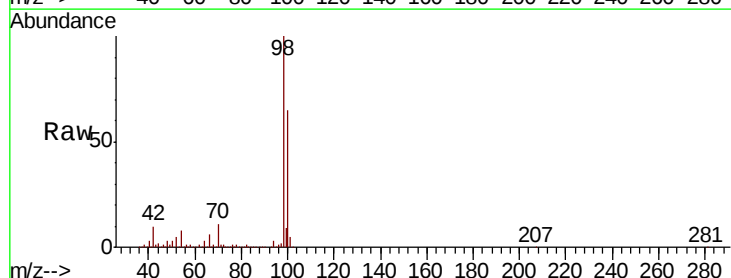
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

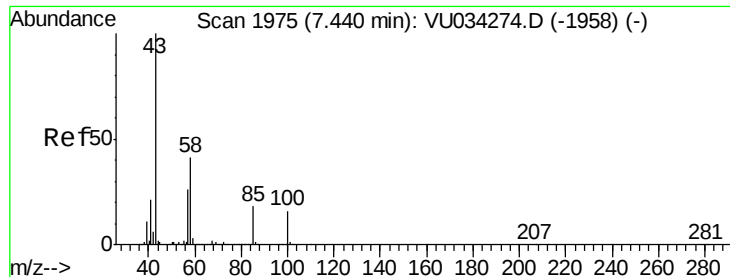
Tgt Ion: 88 Resp: 89748
 Ion Ratio Lower Upper
 88 100
 43 28.9 23.8 35.6
 58 72.3 58.4 87.6



#50
 Toluene-d8
 Concen: 53.650 ug/l
 RT: 7.54 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Tgt Ion: 98 Resp: 626625
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.7 77.5

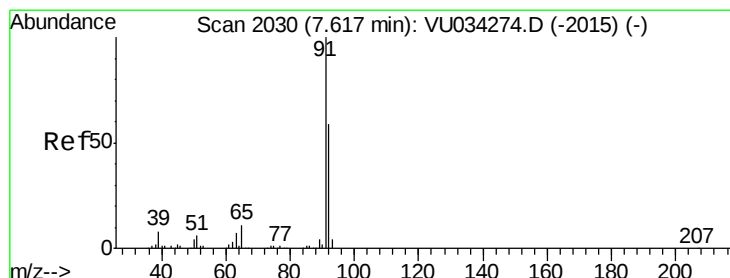
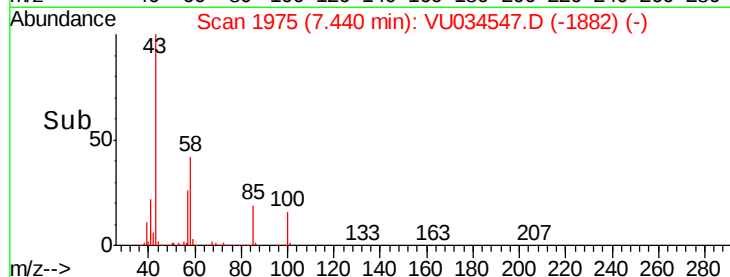
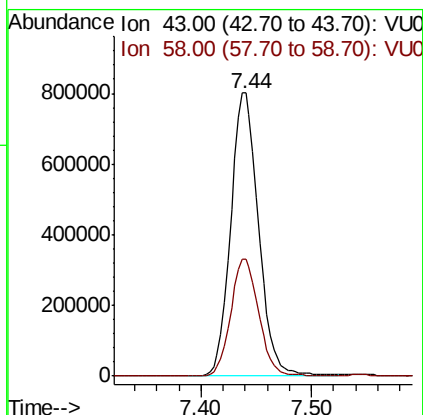
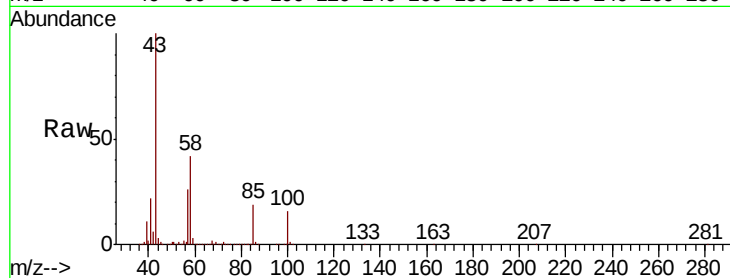




#51
 4-Methyl-2-Pentanone
 Concen: 302.866 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

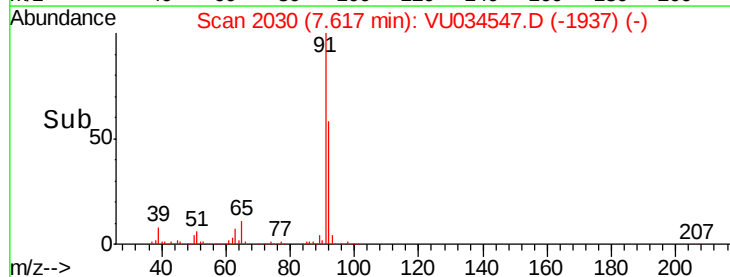
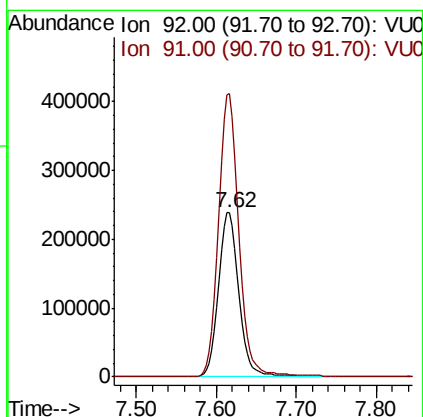
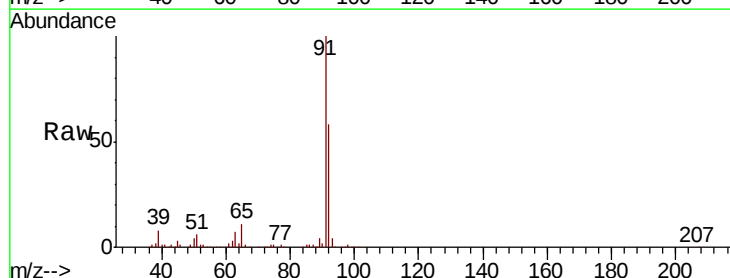
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

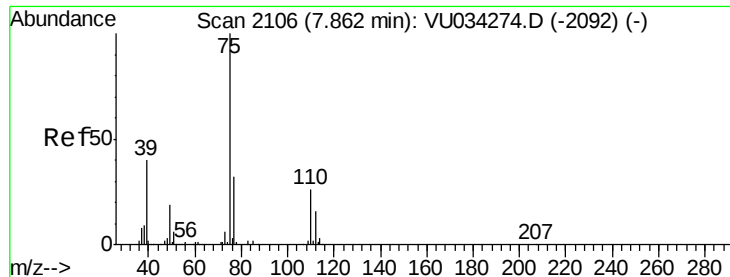
Tgt Ion: 43 Resp: 1401046
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.0 49.4



#52
 Toluene
 Concen: 58.111 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Tgt Ion: 92 Resp: 426202
 Ion Ratio Lower Upper
 92 100
 91 172.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 57.506 ug/l

RT: 7.86 min Scan# 2105

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

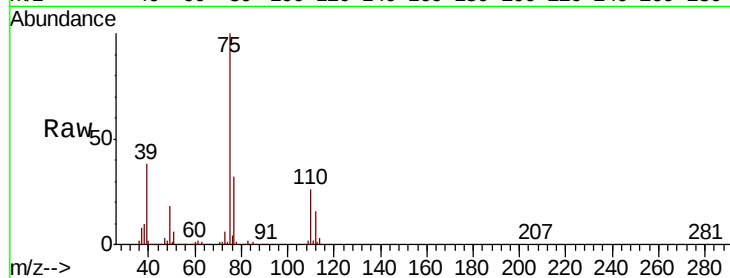
VSTDCCC050EC

Tgt Ion: 75 Resp: 263267

Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.86

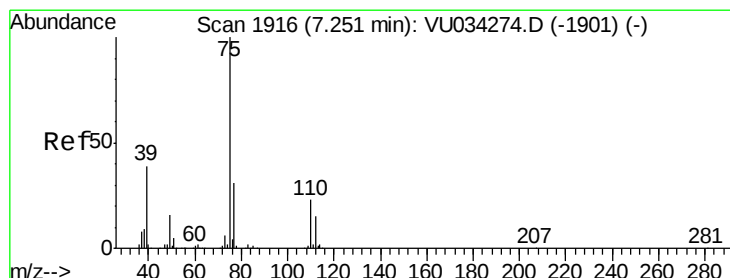
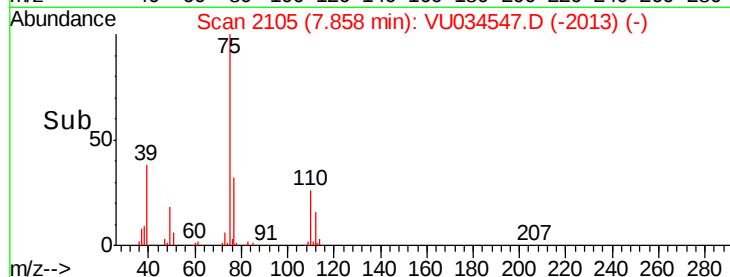
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 57.744 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

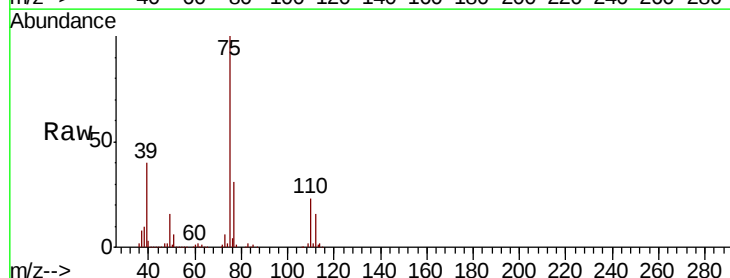
Tgt Ion: 75 Resp: 290139

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 40.2 31.2 46.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

200000

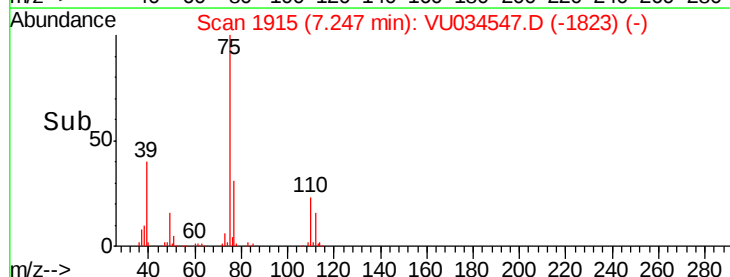
150000

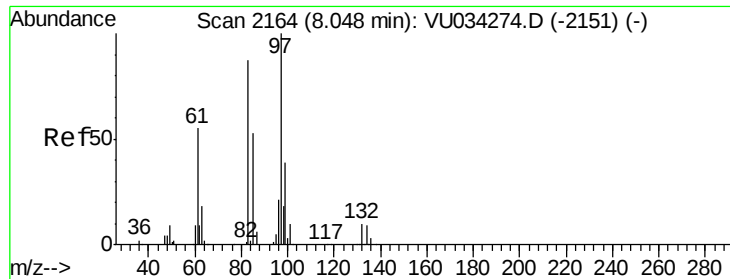
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 58.848 ug/l

RT: 8.04 min Scan# 2163

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 195983

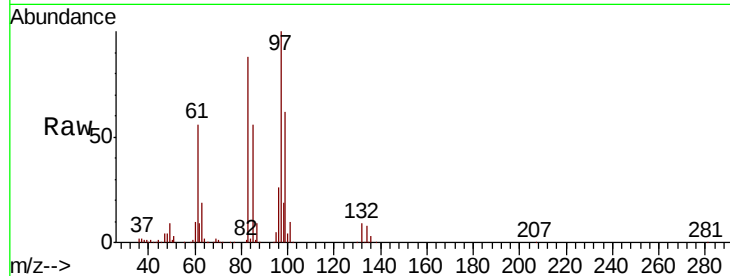
Ion Ratio Lower Upper

97 100

83 88.0 69.0 103.6

85 55.8 44.2 66.2

99 62.1 49.4 74.0

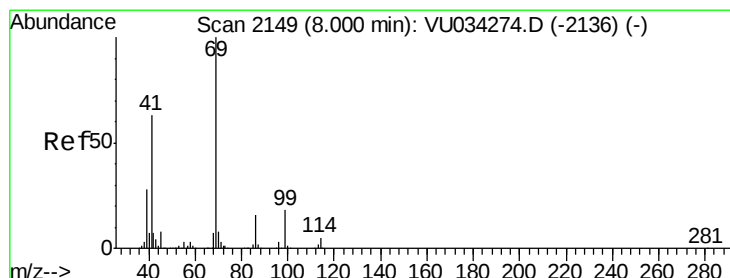
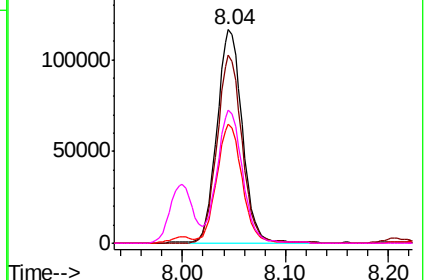
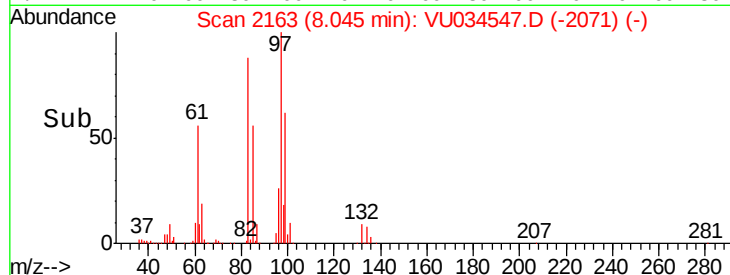


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 56.192 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

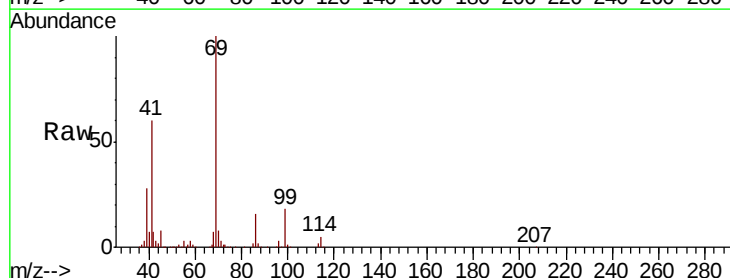
Tgt Ion: 69 Resp: 286369

Ion Ratio Lower Upper

69 100

41 61.3 49.5 74.3

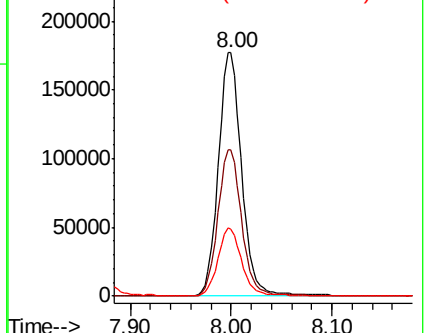
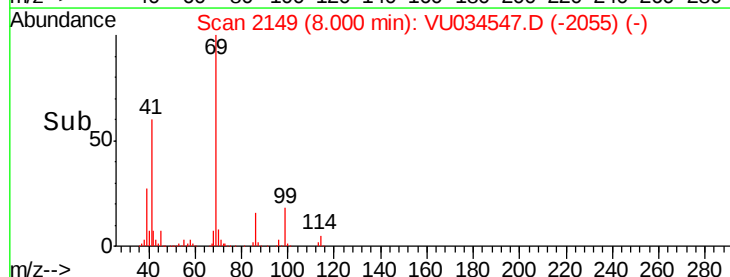
39 28.1 22.5 33.7



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 58.541 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

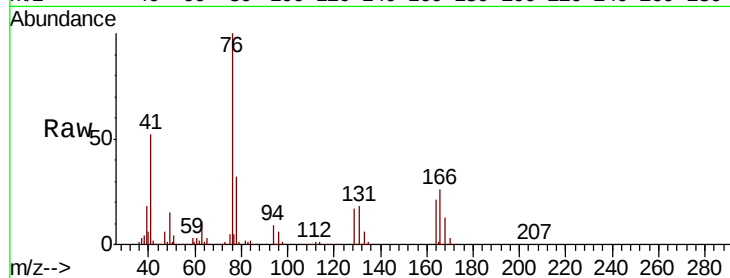
VSTDCCC050EC

Tgt Ion: 76 Resp: 317465

Ion Ratio Lower Upper

76 100

78 32.0 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

8.22

200000

150000

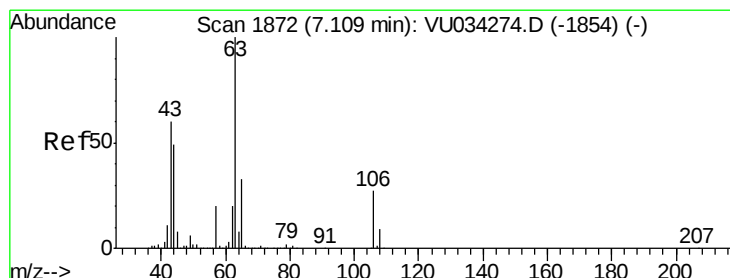
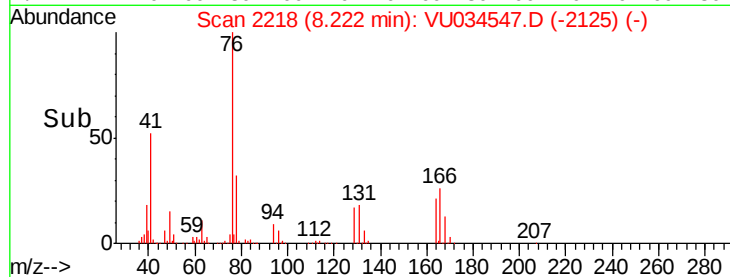
100000

50000

0

8.20 8.30

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 250.266 ug/l

RT: 7.11 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VU034547.D

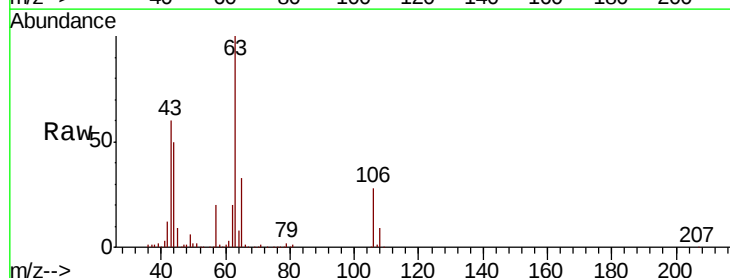
Acq: 13 Sep 2019 01:45

Tgt Ion: 63 Resp: 428441

Ion Ratio Lower Upper

63 100

106 27.2 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

7.11

300000

250000

200000

150000

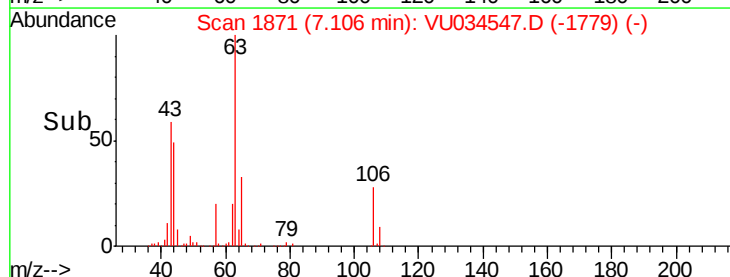
100000

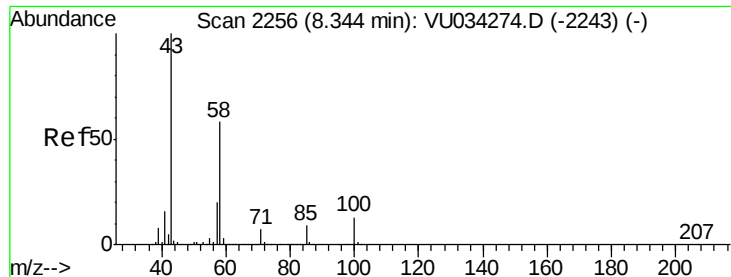
50000

0

7.00 7.10 7.20

Time-->

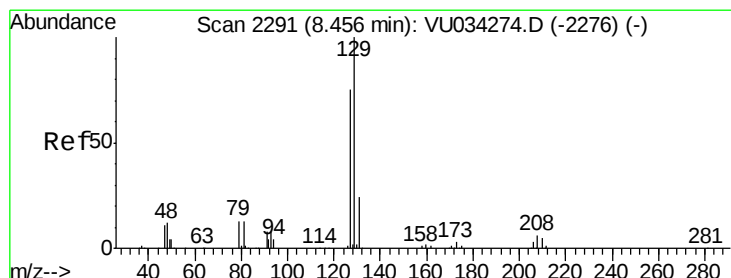
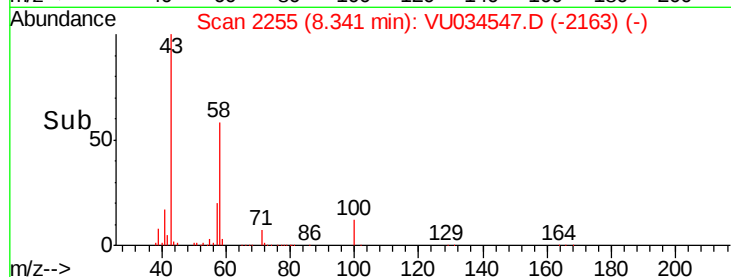
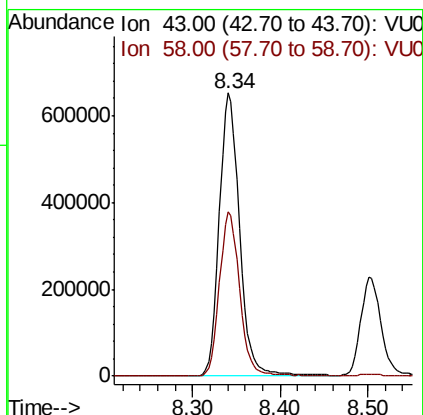
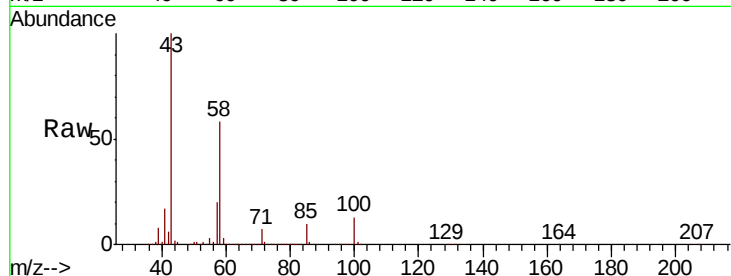




#59
2-Hexanone
Concen: 304.739 ug/l
RT: 8.34 min Scan# 2255
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

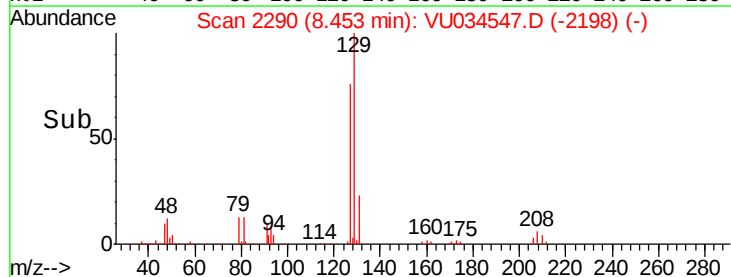
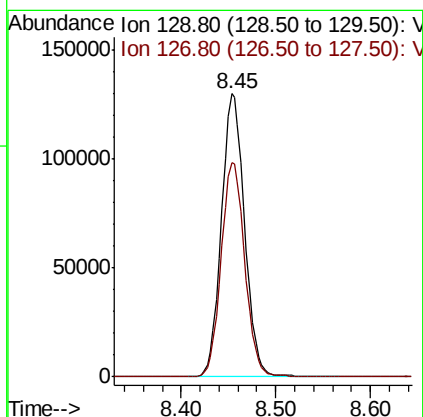
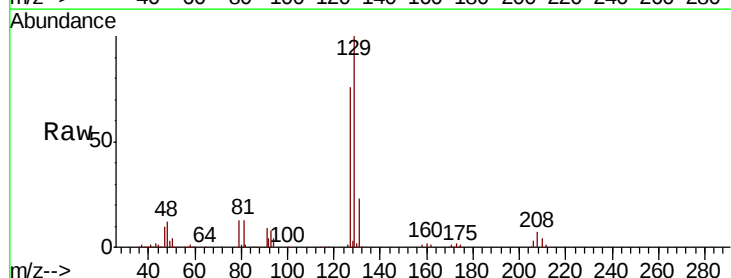
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1053128
Ion Ratio Lower Upper
43 100
58 57.9 28.8 86.5



#60
Dibromochloromethane
Concen: 62.069 ug/l
RT: 8.45 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion: 129 Resp: 221718
Ion Ratio Lower Upper
129 100
127 76.9 37.9 113.7





#61

1,2-Dibromoethane

Concen: 58.766 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

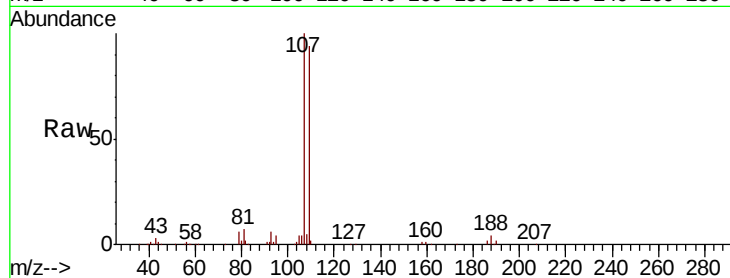
VSTDCCC050EC

Tgt Ion: 107 Resp: 191555

Ion Ratio Lower Upper

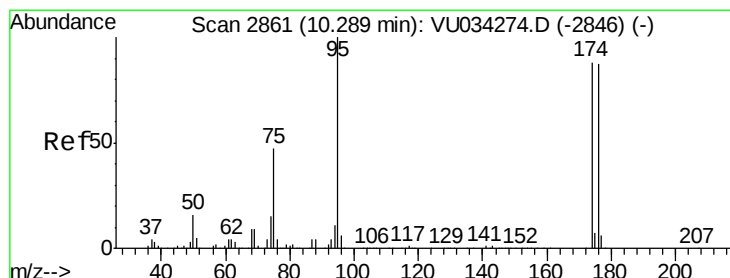
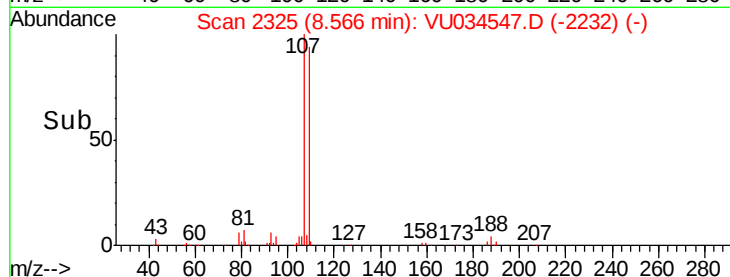
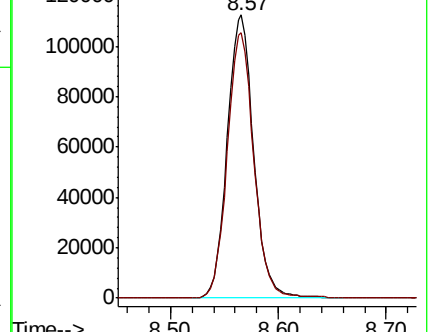
107 100

109 94.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.500 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

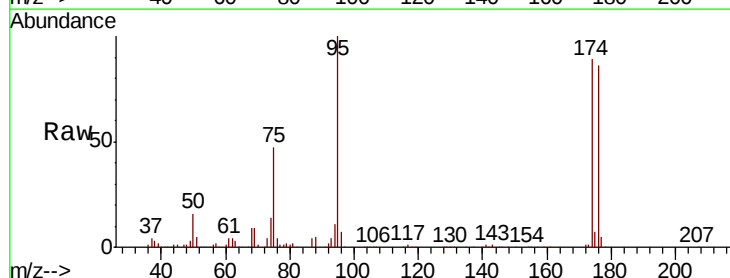
Tgt Ion: 95 Resp: 245772

Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.2

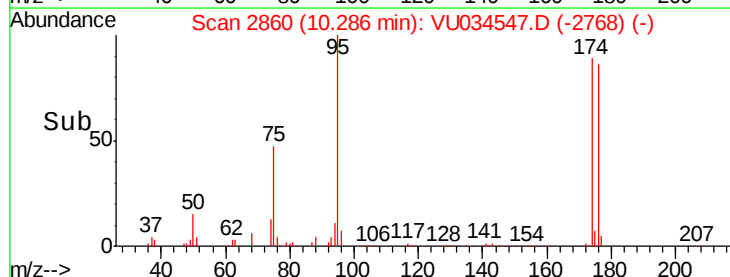
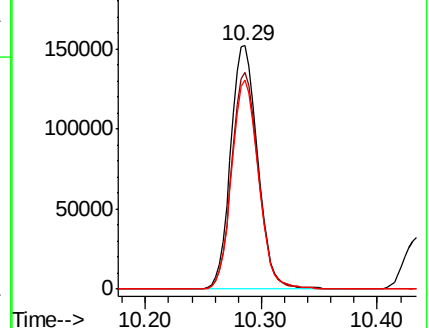
176 85.0 0.0 168.0

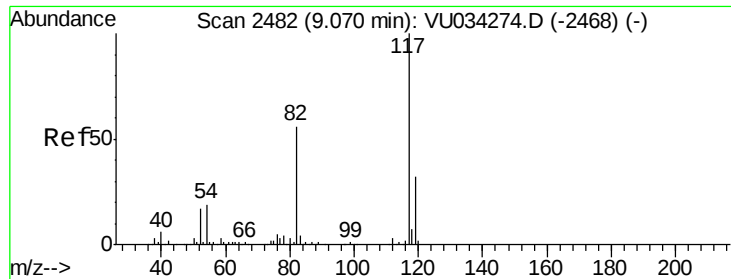


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

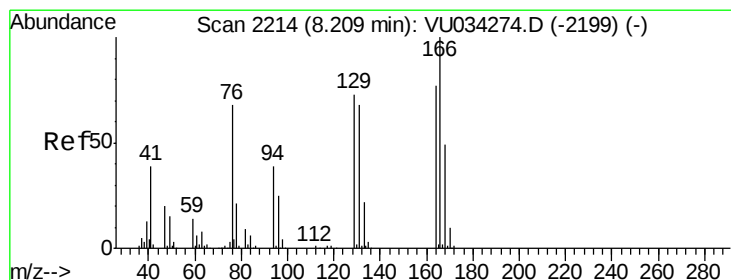
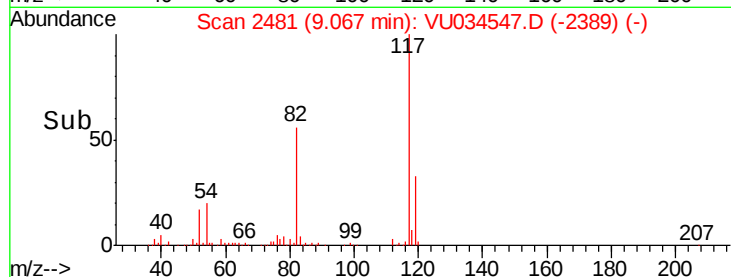
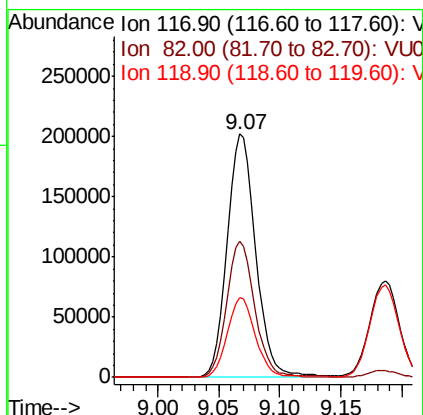
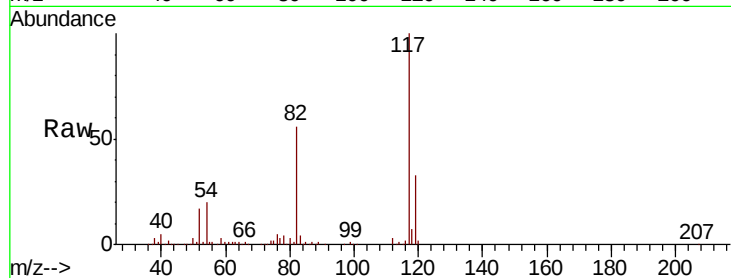




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2481
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

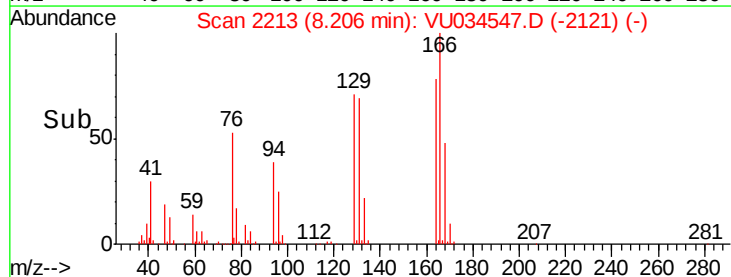
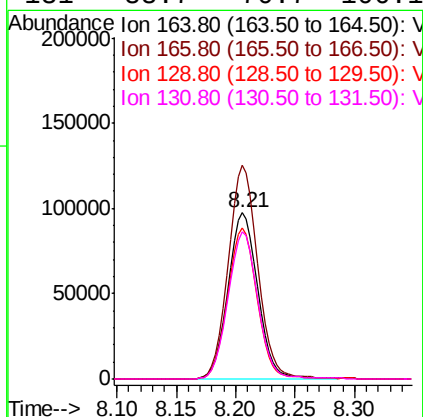
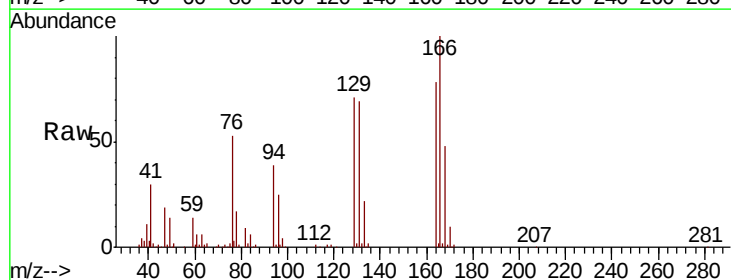
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

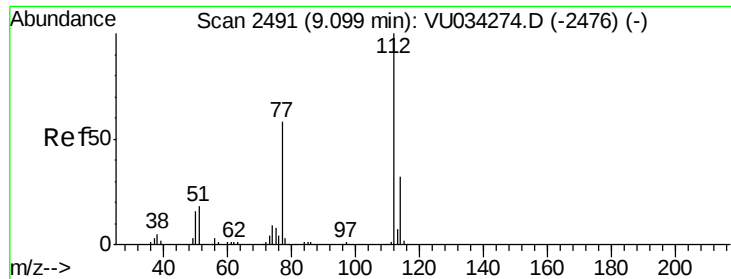
Tgt Ion:117 Resp: 333205
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 58.526 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion:164 Resp: 169183
Ion Ratio Lower Upper
164 100
166 128.7 103.7 155.5
129 90.9 75.8 113.8
131 88.7 70.7 106.1

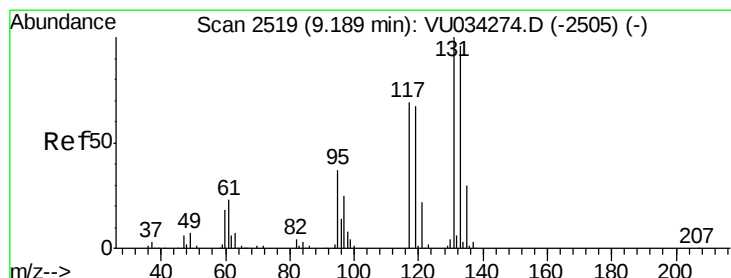
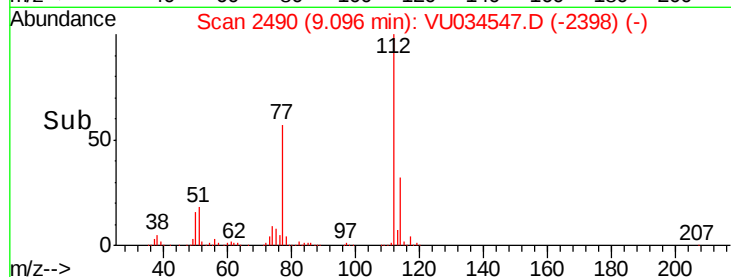
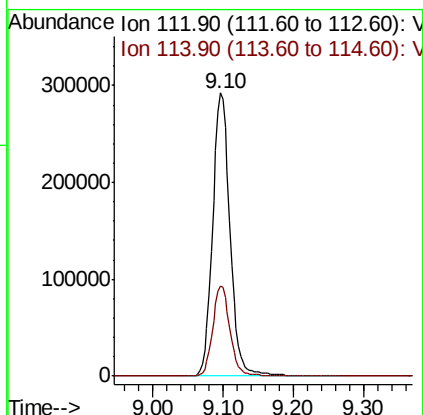
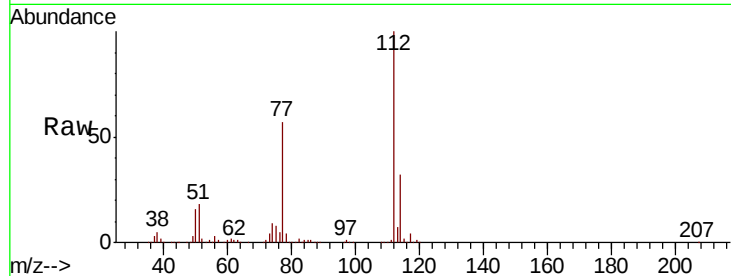




#65
Chlorobenzene
Concen: 59.062 ug/l
RT: 9.10 min Scan# 2490
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

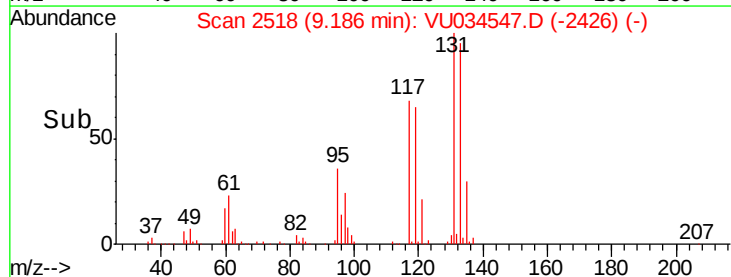
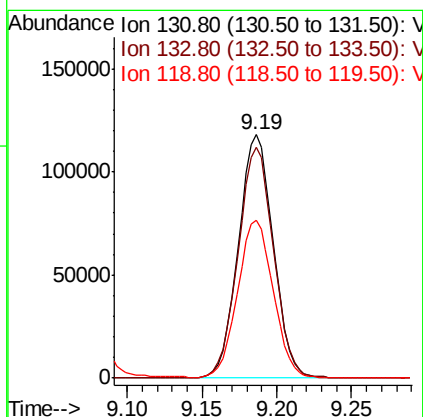
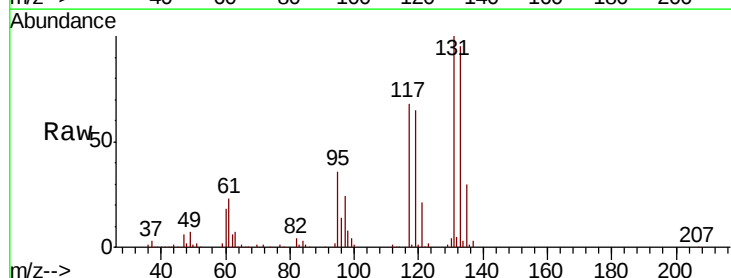
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

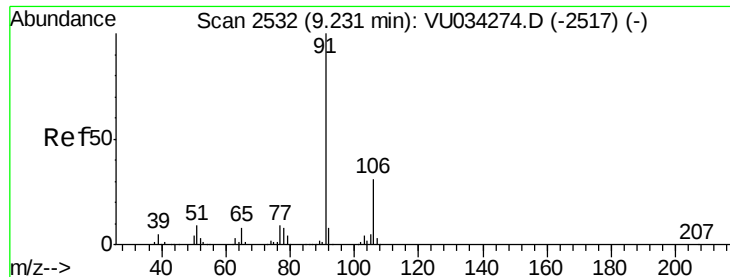
Tgt Ion:112 Resp: 499284
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 59.605 ug/l
RT: 9.19 min Scan# 2518
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion:131 Resp: 192295
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.7
119 65.6 33.1 99.5

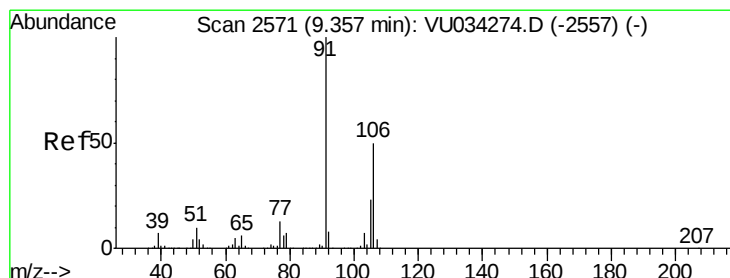
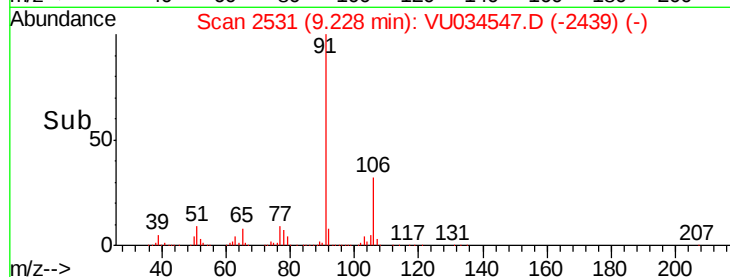
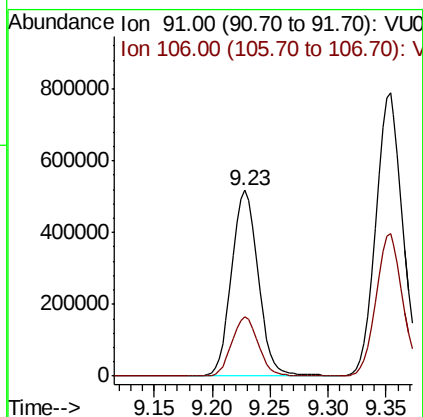
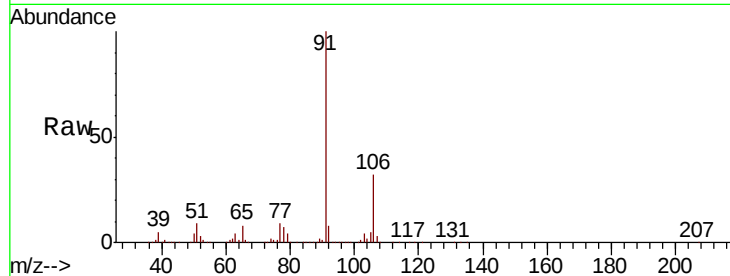




#67
Ethyl Benzene
Concen: 59.944 ug/l
RT: 9.23 min Scan# 2531
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

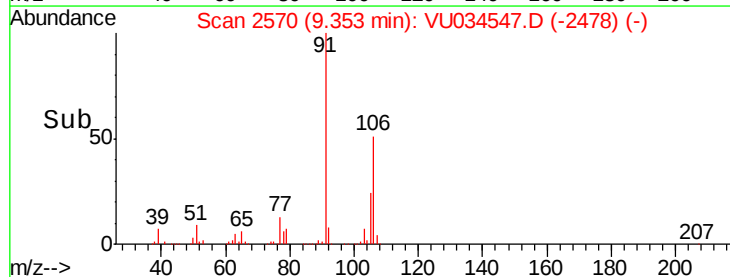
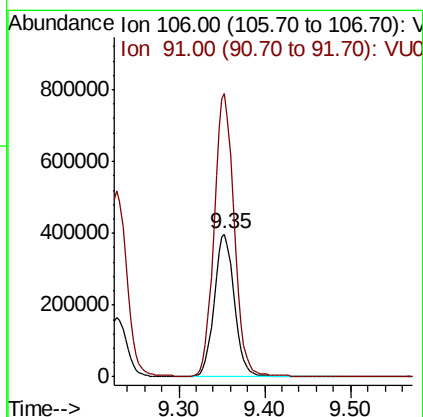
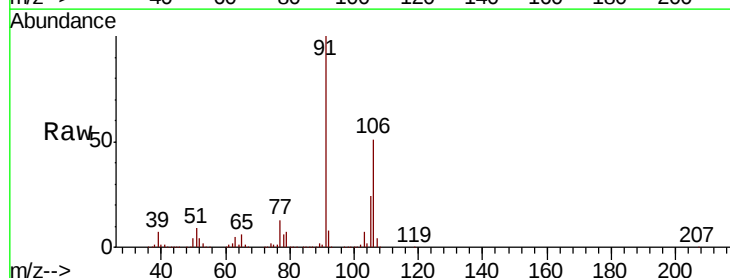
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

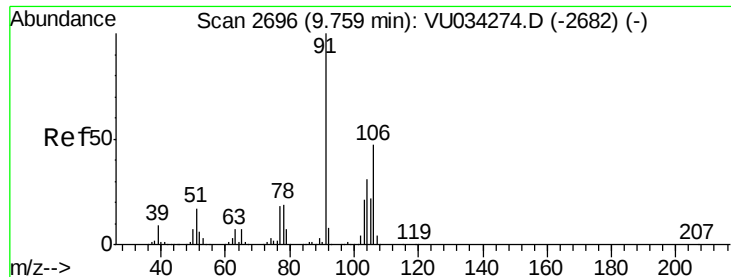
Tgt Ion: 91 Resp: 828552
Ion Ratio Lower Upper
91 100
106 31.7 24.8 37.2



#68
m/p-Xylenes
Concen: 125.012 ug/l
RT: 9.35 min Scan# 2570
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion: 106 Resp: 650666
Ion Ratio Lower Upper
106 100
91 198.4 160.1 240.1

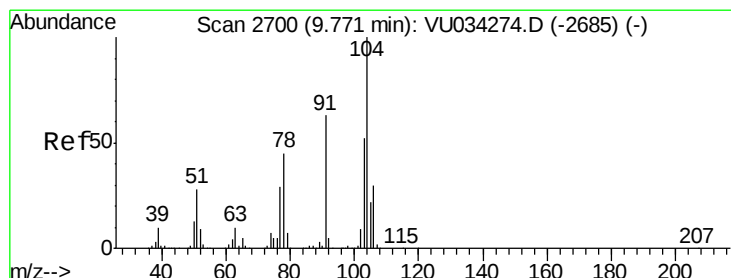
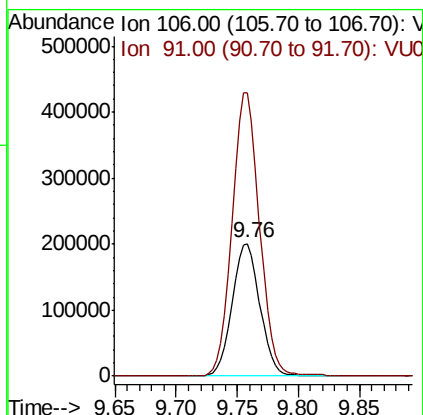
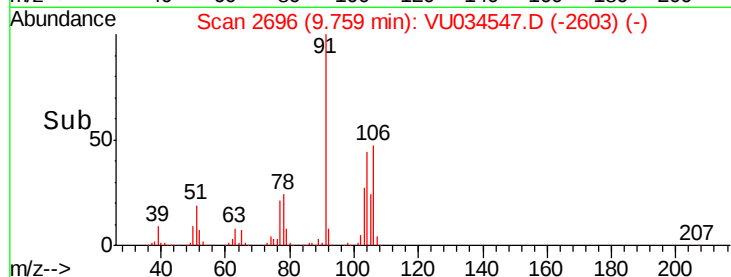
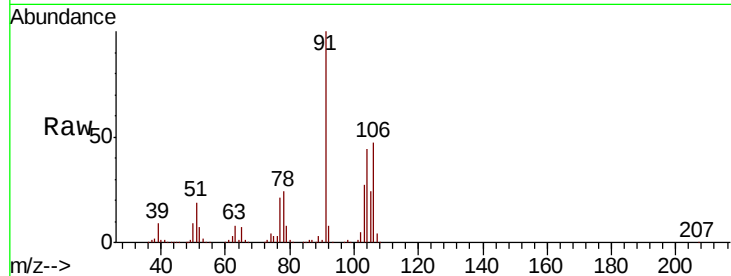




#69
o-Xylene
Concen: 62.576 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

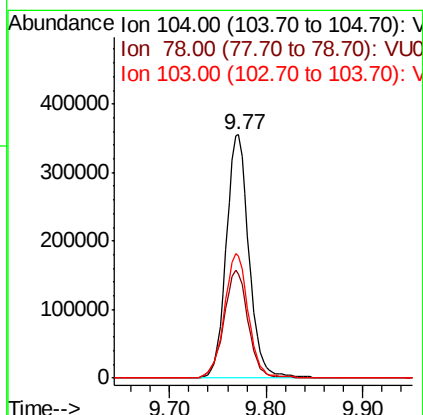
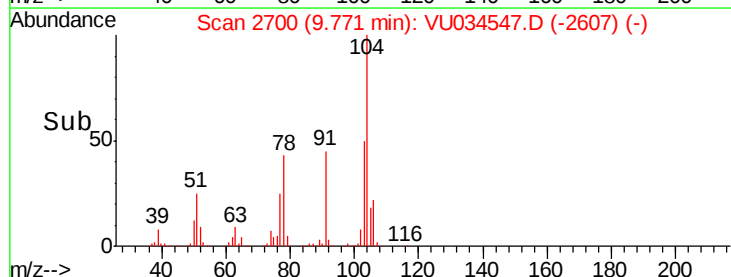
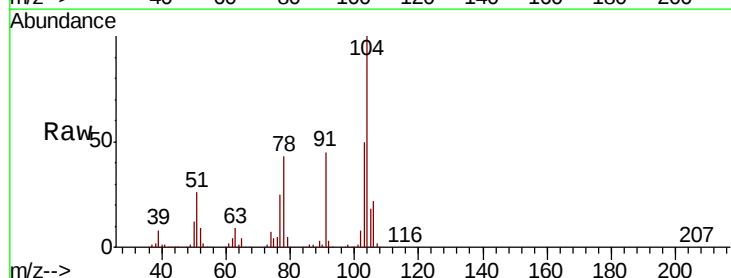
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

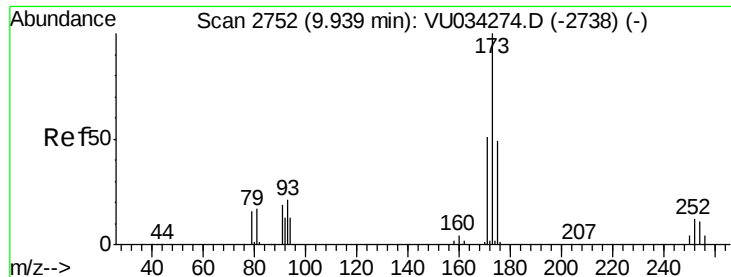
Tgt Ion:106 Resp: 318519
Ion Ratio Lower Upper
106 100
91 211.0 105.1 315.3



#70
Styrene
Concen: 64.995 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion:104 Resp: 580036
Ion Ratio Lower Upper
104 100
78 47.4 38.6 57.8
103 54.1 44.2 66.4





#71

Bromoform

Concen: 61.693 ug/l

RT: 9.94 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

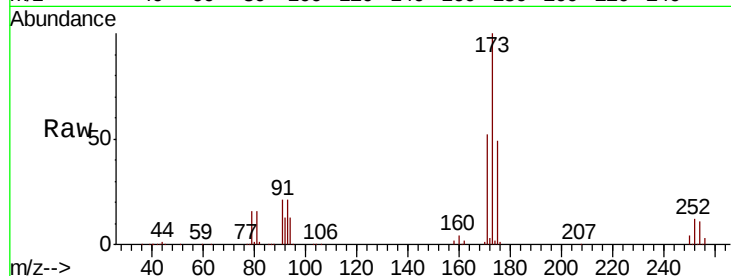
Tgt Ion:173 Resp: 172493

Ion Ratio Lower Upper

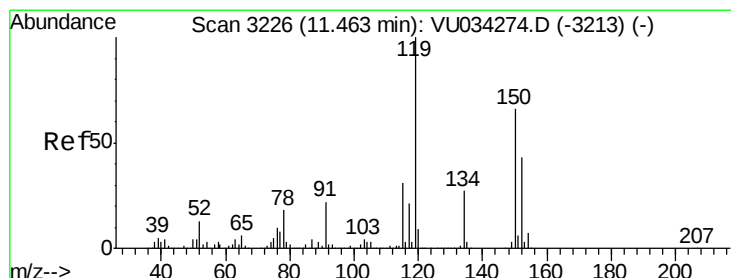
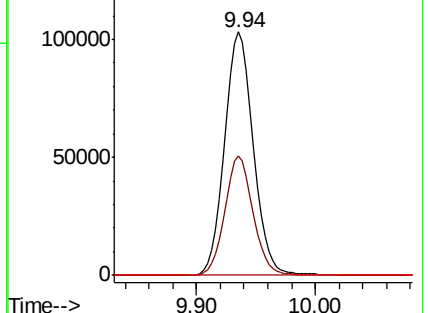
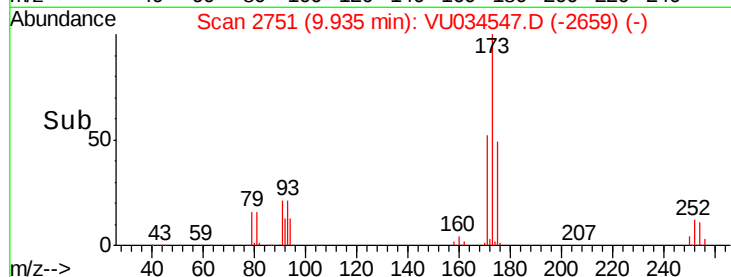
173 100

175 48.0 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: VU034547.D

Acq: 13 Sep 2019 01:45

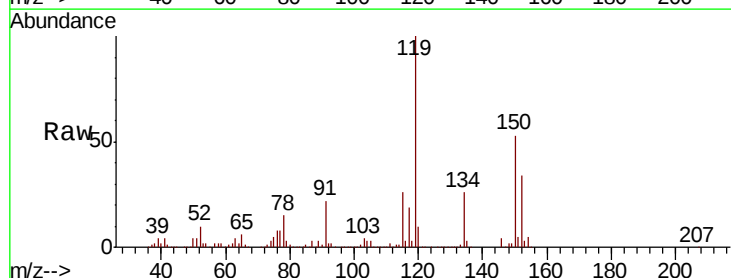
Tgt Ion:152 Resp: 228242

Ion Ratio Lower Upper

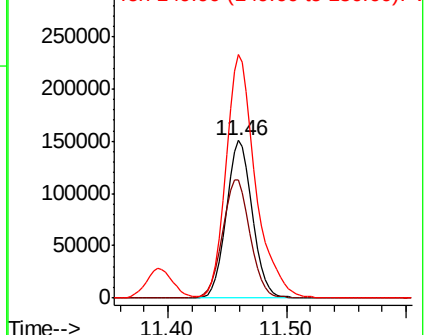
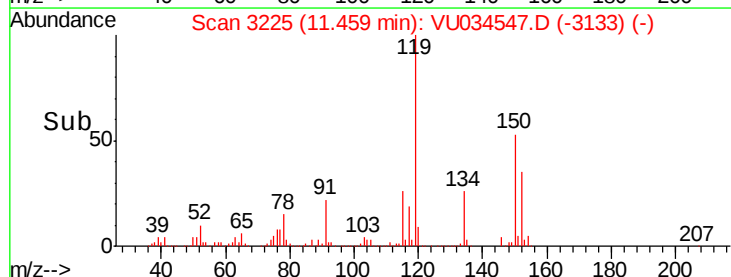
152 100

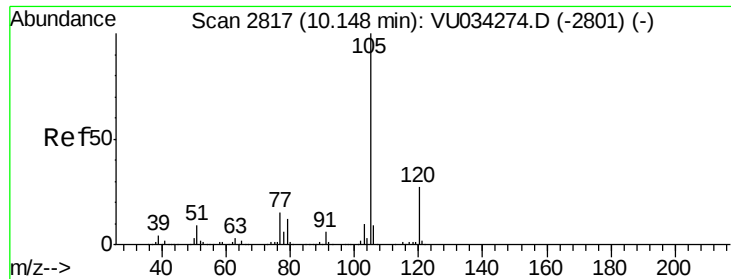
115 79.8 39.1 117.3

150 173.9 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: 59.231 ug/l

RT: 10.14 min Scan# 2816

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

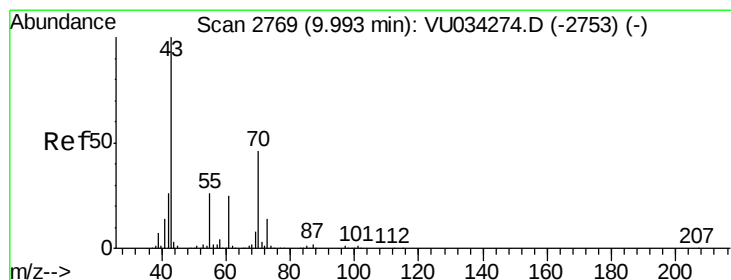
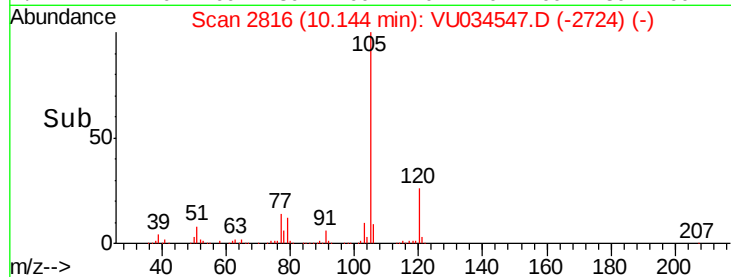
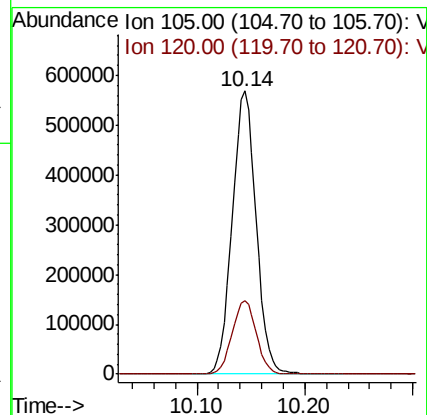
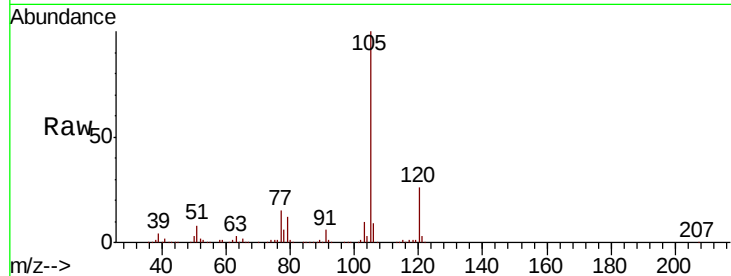
VSTDCCC050EC

Tgt Ion: 105 Resp: 879780

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



#74

N-ethyl acetate

Concen: 61.122 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Tgt Ion: 43 Resp: 365445

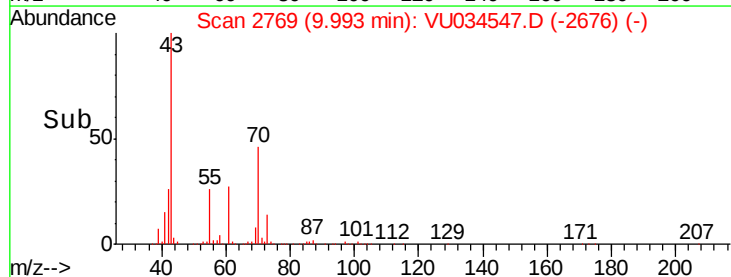
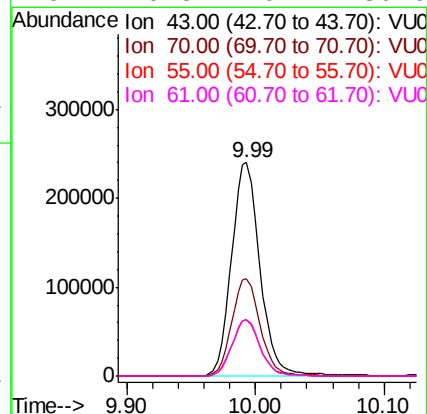
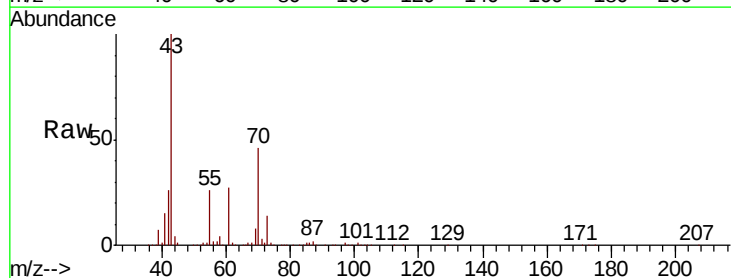
Ion Ratio Lower Upper

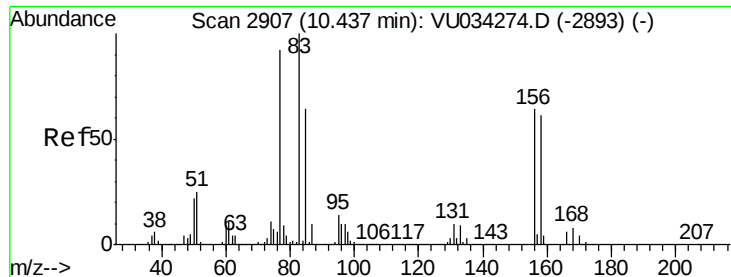
43 100

70 45.8 36.4 54.6

55 26.5 21.2 31.8

61 26.3 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 56.322 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

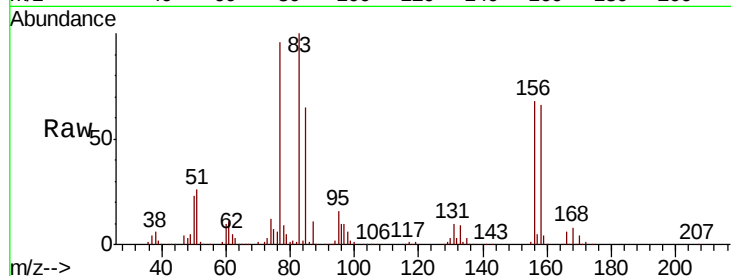
Tgt Ion: 83 Resp: 338628

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.2

85 64.3 32.0 96.2

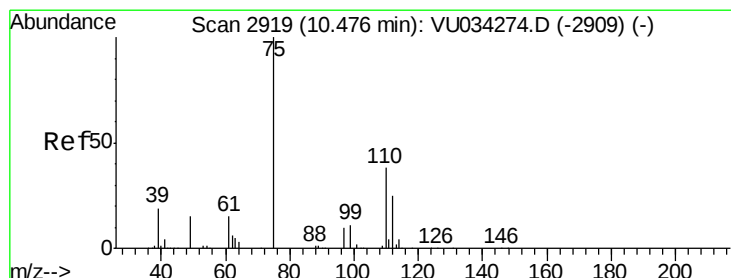
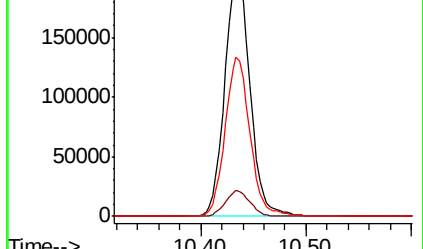
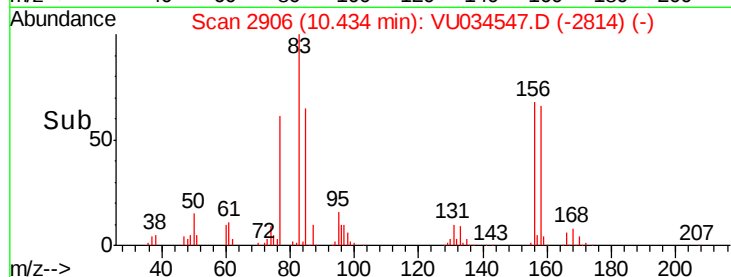


Abundance Ion 82.90 (82.60 to 83.60): VU034547.D (-2893) (-)

Ion 130.80 (130.50 to 131.50): VU034547.D (-2893) (-)

Ion 84.90 (84.60 to 85.60): VU034547.D (-2893) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 71.910 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034547.D

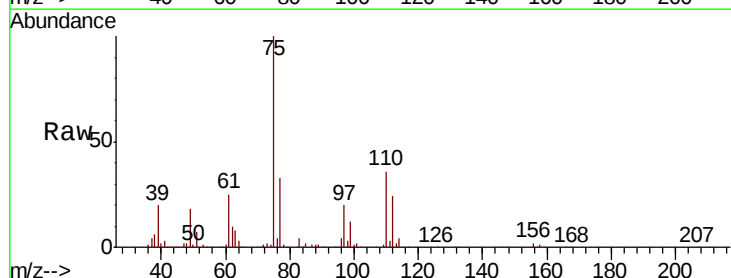
Acq: 13 Sep 2019 01:45

Tgt Ion: 75 Resp: 358266

Ion Ratio Lower Upper

75 100

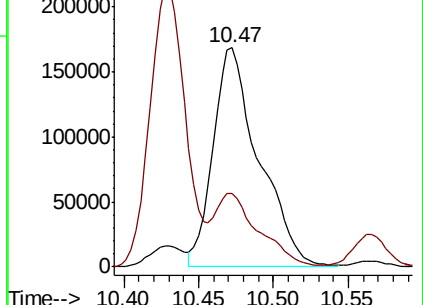
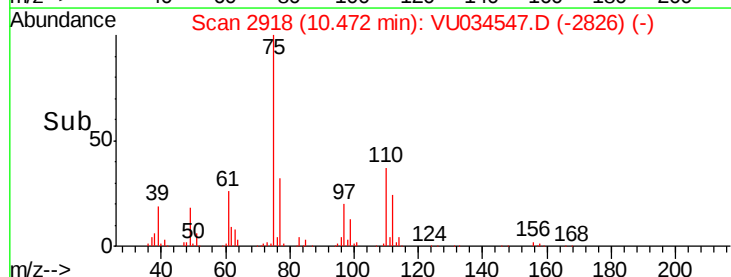
77 31.8 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VU034547.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU034547.D (-2826) (-)

Time-->

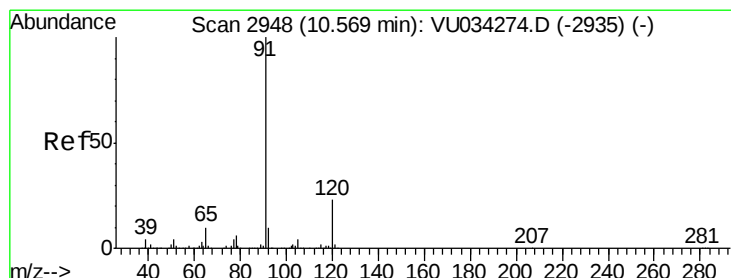
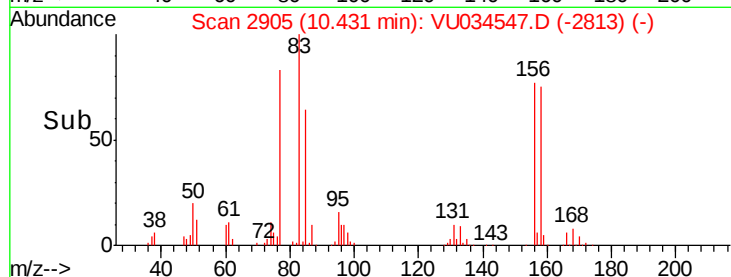
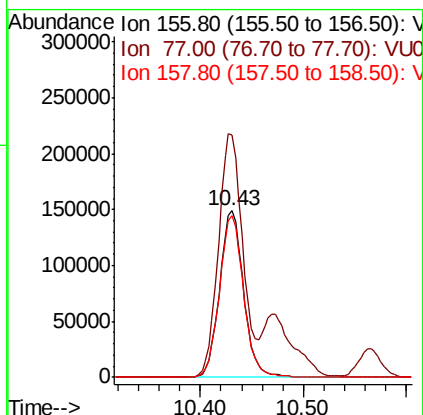
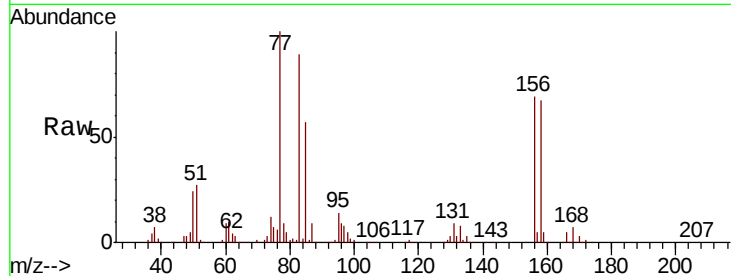




#77
Bromobenzene
Concen: 57.962 ug/l
RT: 10.43 min Scan# 2905
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

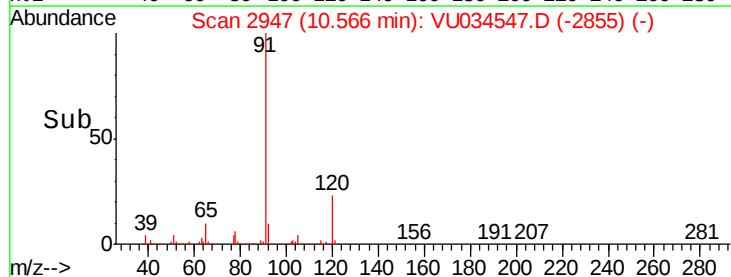
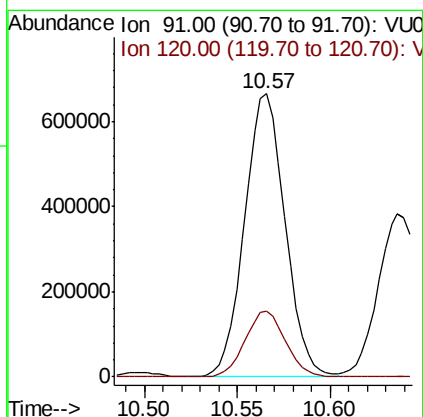
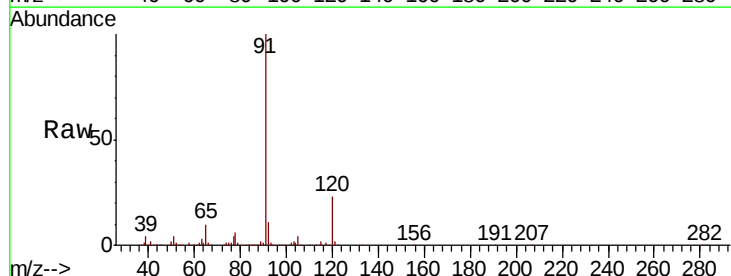
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

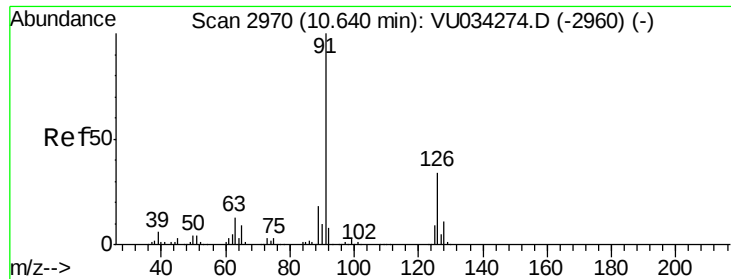
Tgt Ion:156 Resp: 240728
Ion Ratio Lower Upper
156 100
77 148.9 75.6 226.9
158 97.8 48.2 144.6



#78
n-propylbenzene
Concen: 58.700 ug/l
RT: 10.57 min Scan# 2947
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion: 91 Resp: 1006948
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.0





#79

2-Chlorotoluene

Concen: 58.496 ug/l

RT: 10.64 min Scan# 2969

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

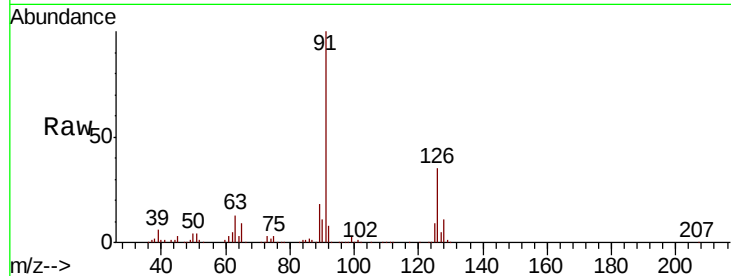
VSTDCCC050EC

Tgt Ion: 91 Resp: 612271

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VU034274.D (-2960) (-)

Ion 125.90 (125.60 to 126.60): VU034274.D (-2960) (-)

600000

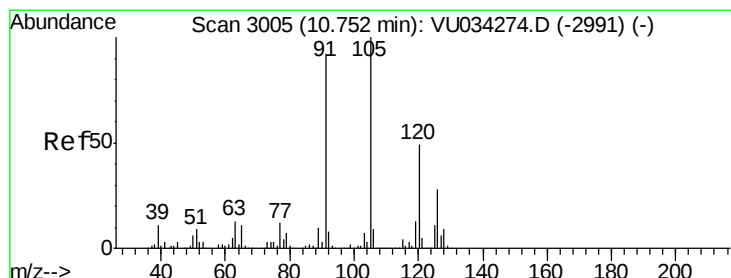
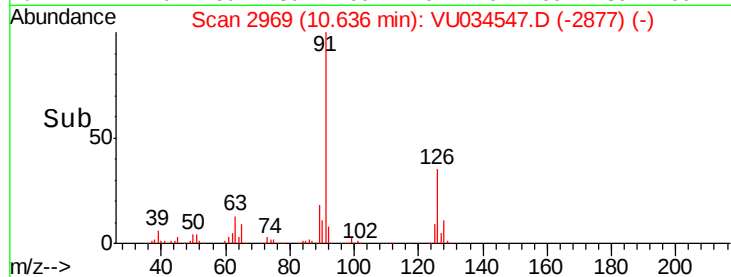
400000

200000

0

10.60 10.65 10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 61.005 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034547.D

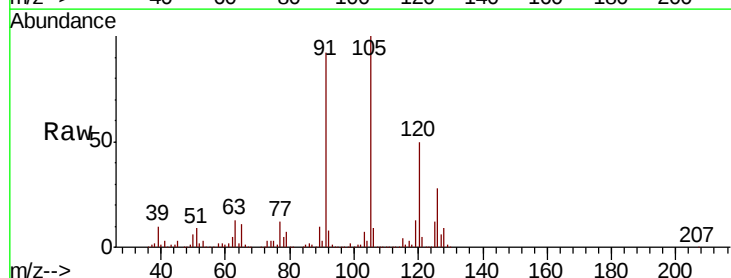
Acq: 13 Sep 2019 01:45

Tgt Ion: 105 Resp: 757833

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VU034274.D (-2991) (-)

Ion 120.00 (119.70 to 120.70): VU034274.D (-2991) (-)

500000

400000

300000

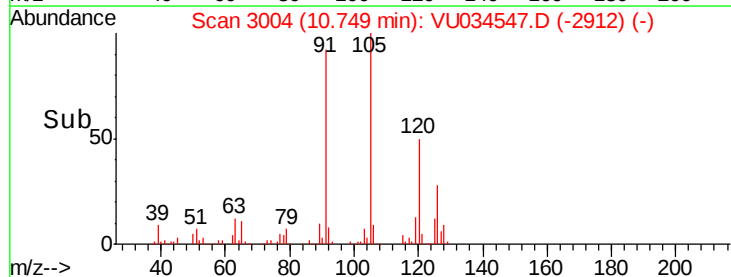
200000

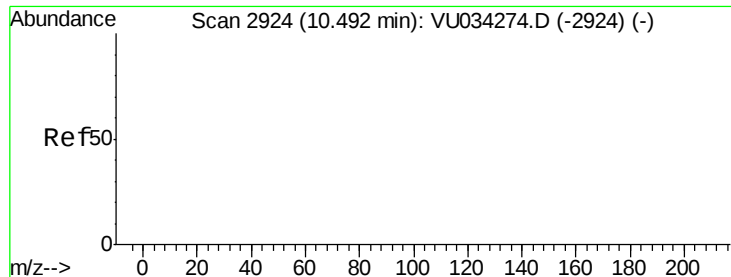
100000

0

10.70 10.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 241.830 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.02 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

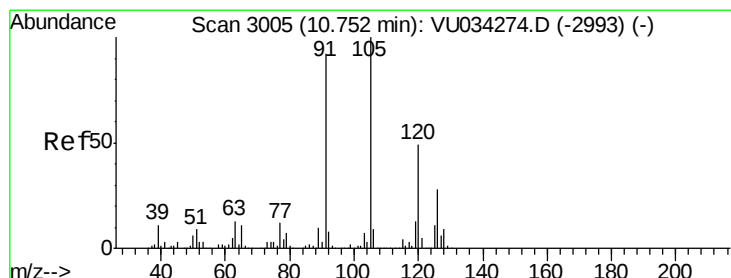
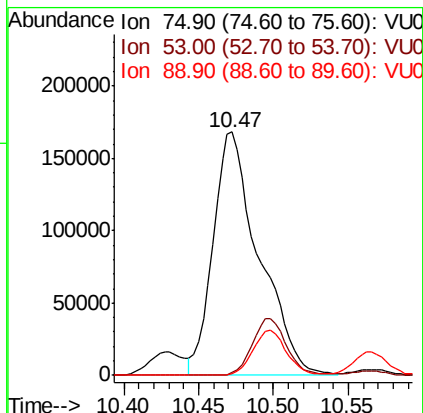
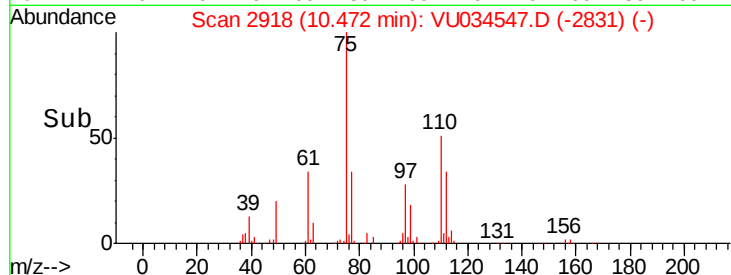
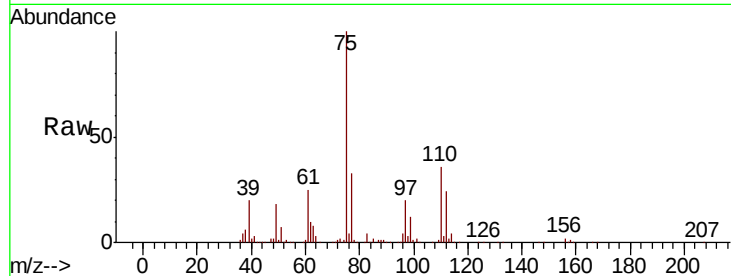
Tgt Ion: 75 Resp: 358266

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 59.016 ug/l

RT: 10.75 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VU034547.D

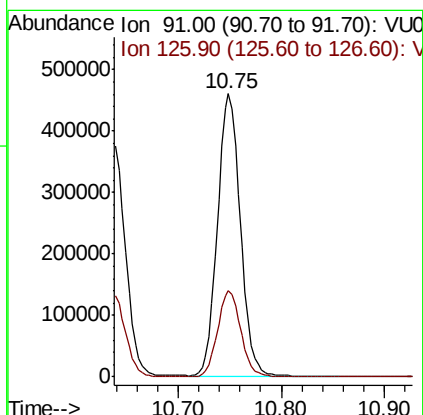
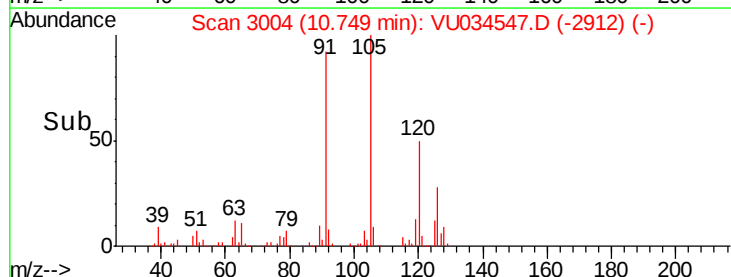
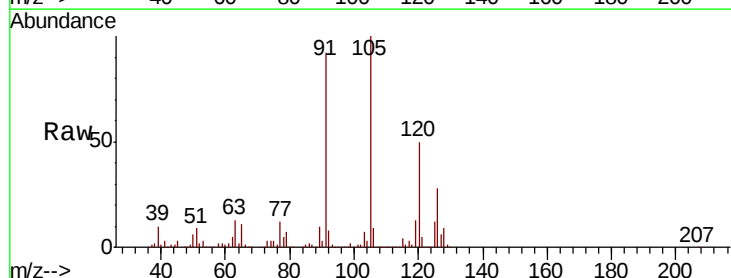
Acq: 13 Sep 2019 01:45

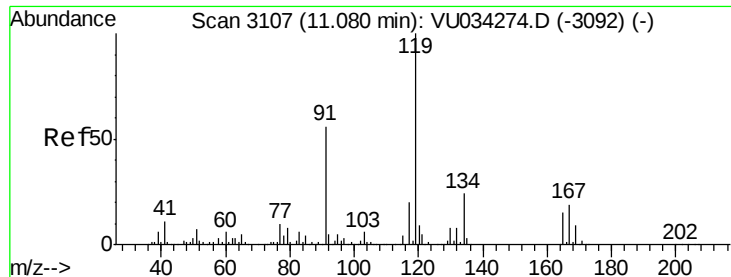
Tgt Ion: 91 Resp: 710857

Ion Ratio Lower Upper

91 100

126 30.6 15.3 45.8

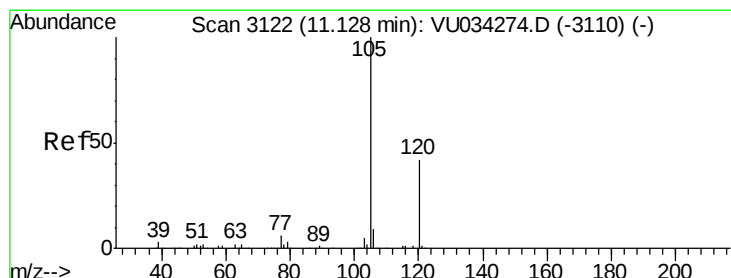
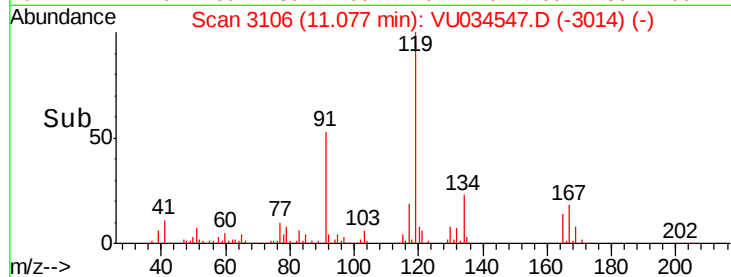
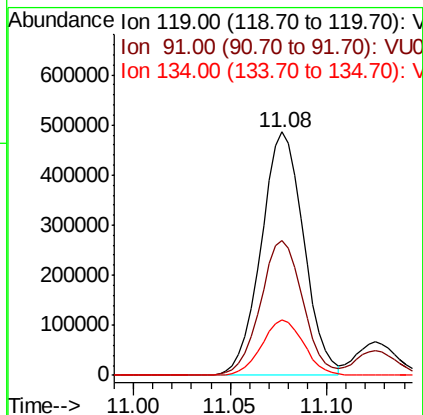
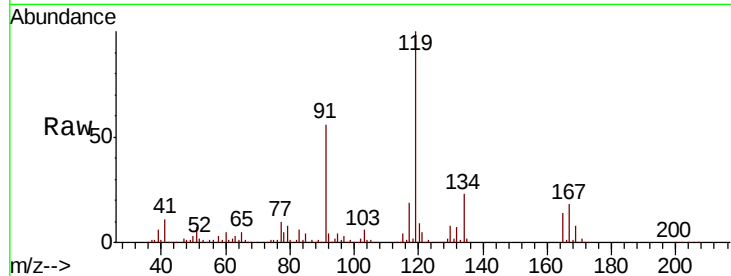




#83
 tert-Butylbenzene
 Concen: 59.772 ug/l
 RT: 11.08 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

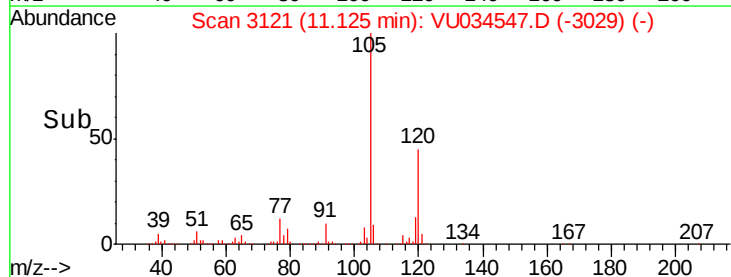
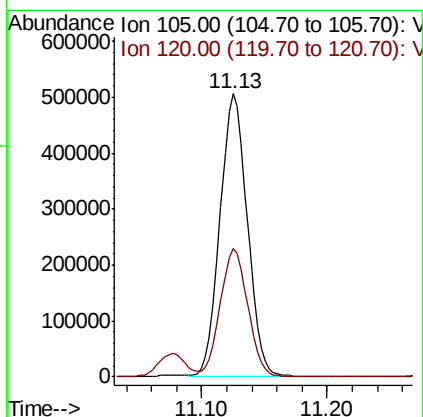
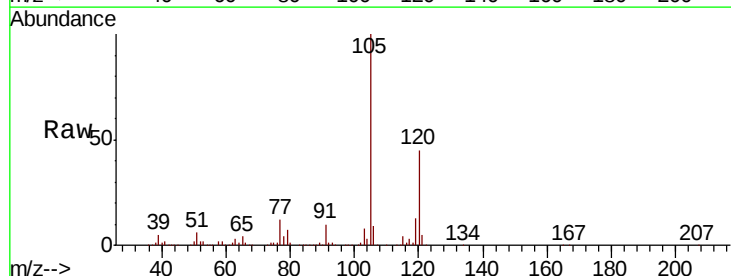
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

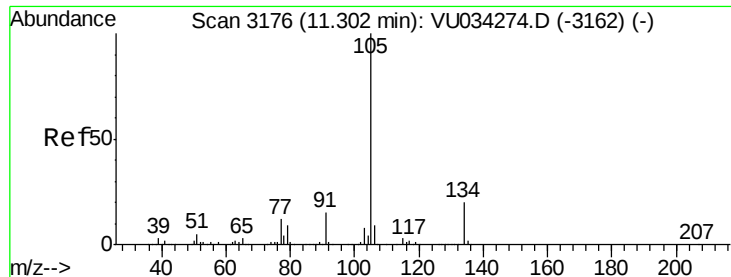
Tgt Ion:119 Resp: 742806
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.8 83.4
 134 22.7 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 61.135 ug/l
 RT: 11.13 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Tgt Ion:105 Resp: 764468
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8

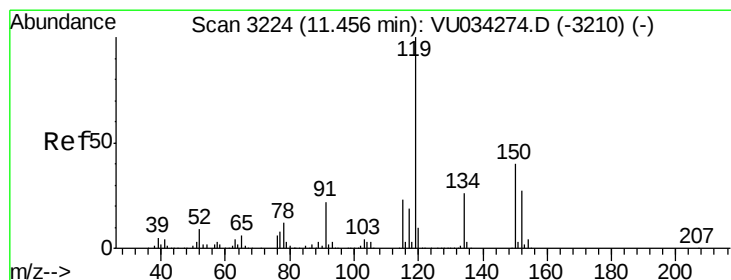
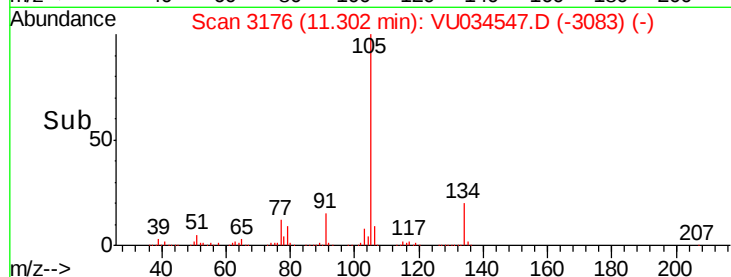
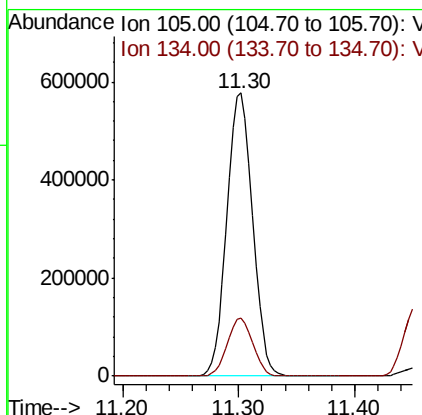
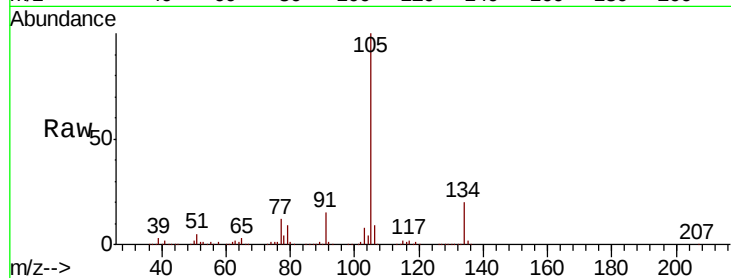




#85
 sec-Butylbenzene
 Concen: 60.075 ug/l
 RT: 11.30 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

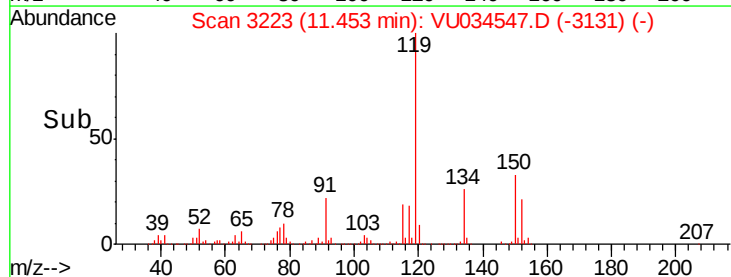
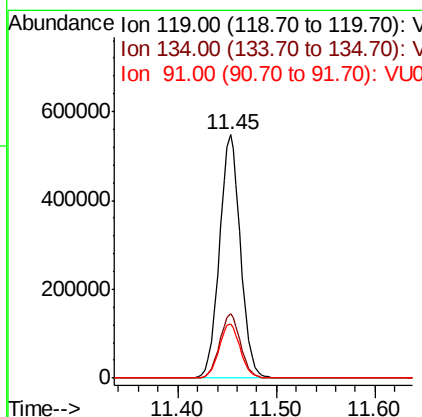
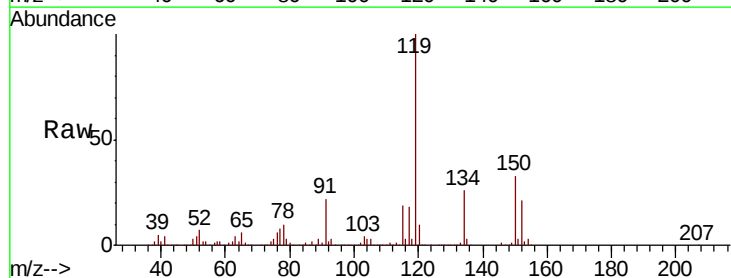
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

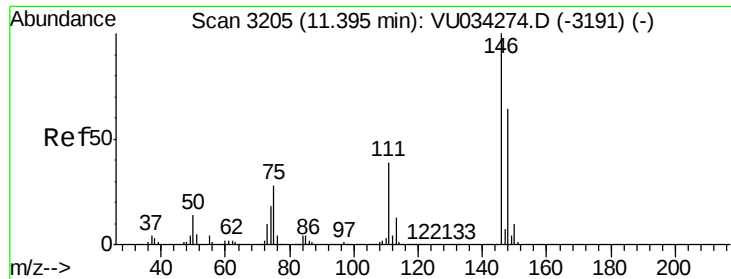
Tgt Ion:105 Resp: 881380
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 60.201 ug/l
 RT: 11.45 min Scan# 3223
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Tgt Ion:119 Resp: 815211
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 22.4 11.2 33.6

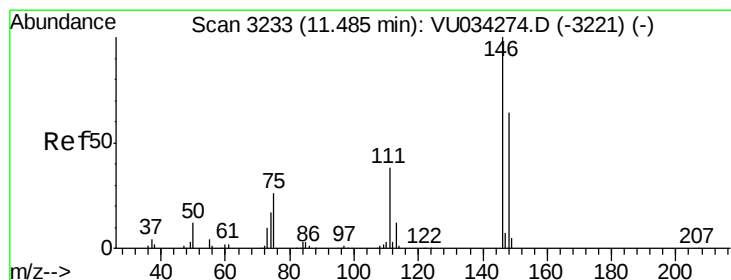
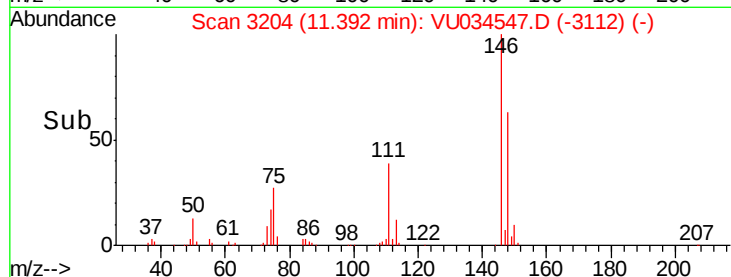
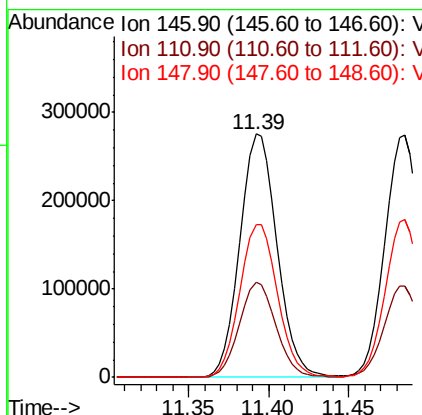
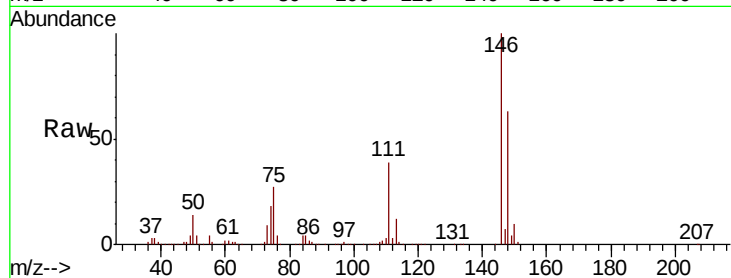




#87
 1,3-Dichlorobenzene
 Concen: 57.658 ug/l
 RT: 11.39 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

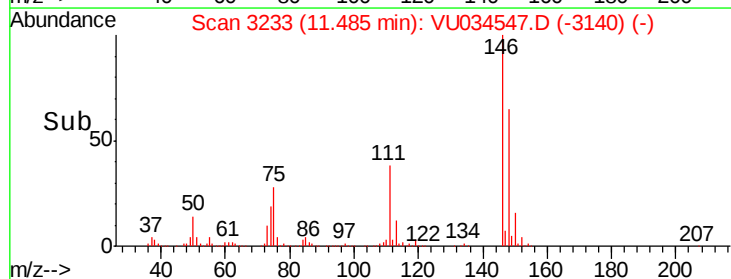
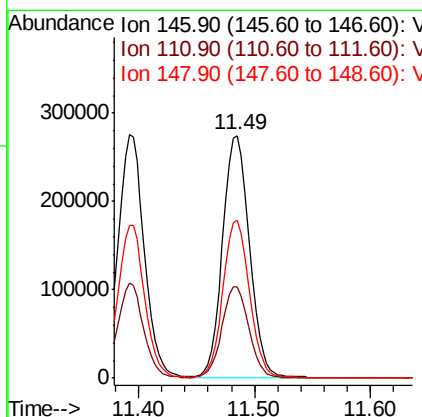
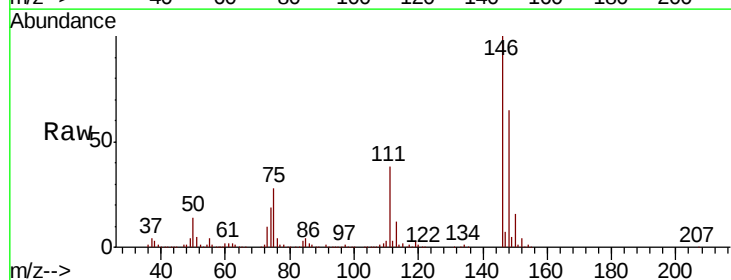
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

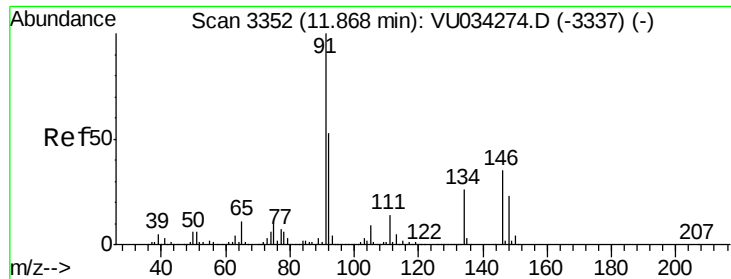
Tgt Ion:146 Resp: 436973
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.5 58.5
 148 63.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 55.699 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Tgt Ion:146 Resp: 440293
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.3
 148 64.1 32.0 96.0

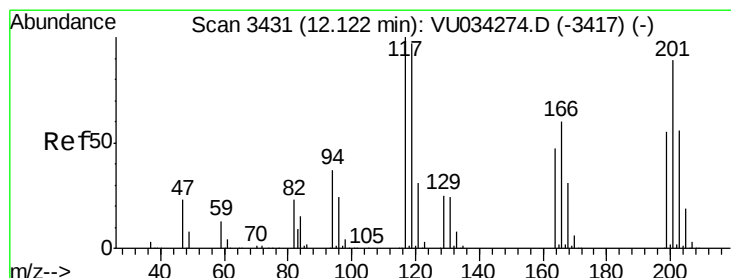
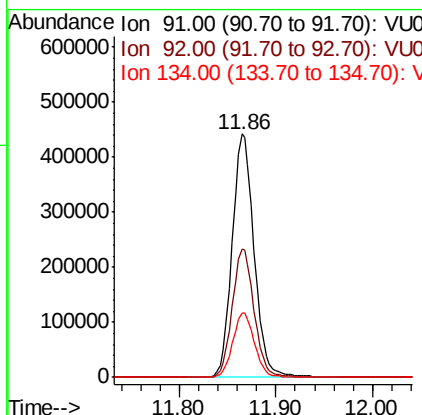
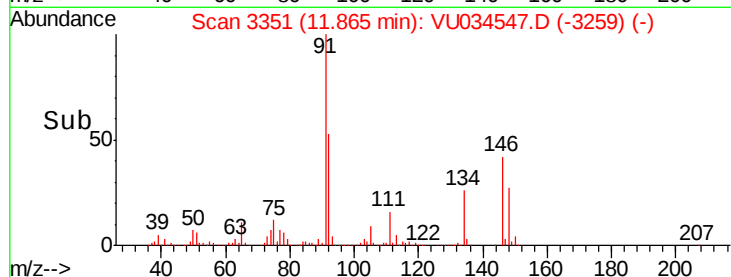
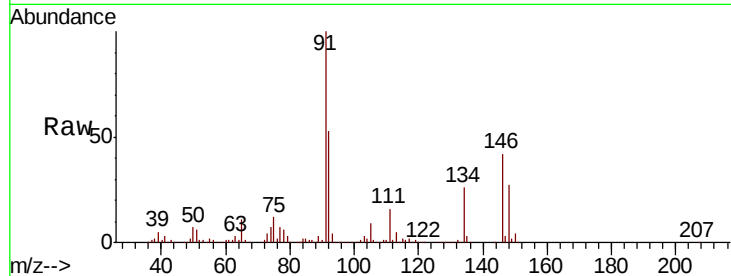




#89
n-Butylbenzene
Concen: 58.983 ug/l
RT: 11.86 min Scan# 3351
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

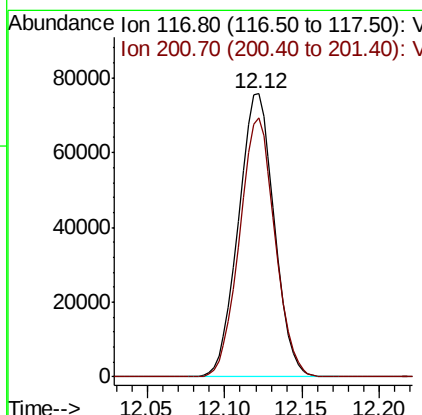
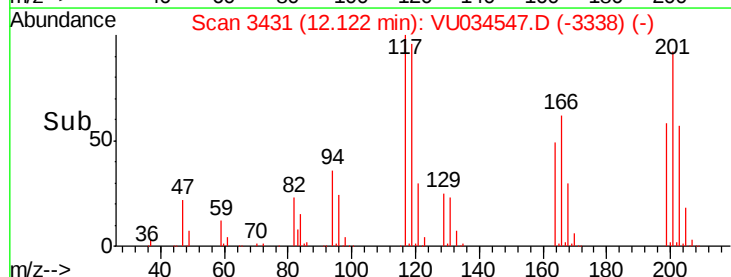
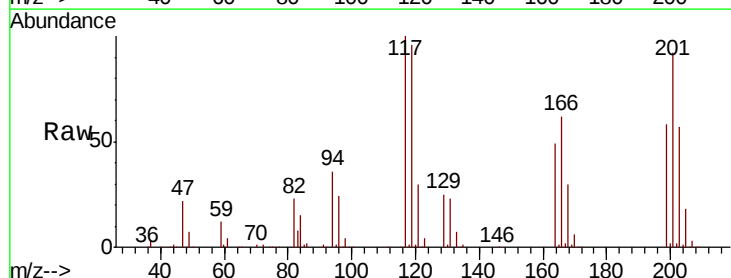
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

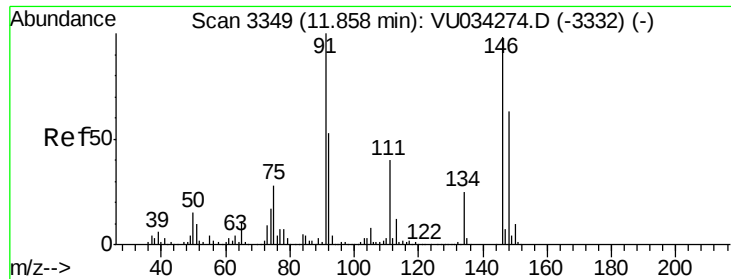
Tgt Ion: 91 Resp: 694102
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.4
134 26.5 13.2 39.6



#90
Hexachloroethane
Concen: 56.423 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion: 117 Resp: 122239
Ion Ratio Lower Upper
117 100
201 90.3 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 58.139 ug/l

RT: 11.85 min Scan# 3348

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

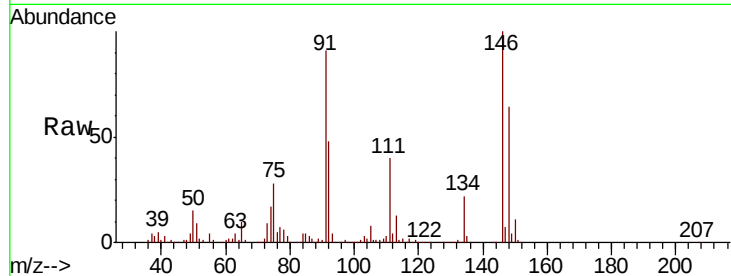
Tgt Ion:146 Resp: 433029

Ion Ratio Lower Upper

146 100

111 39.5 20.0 60.0

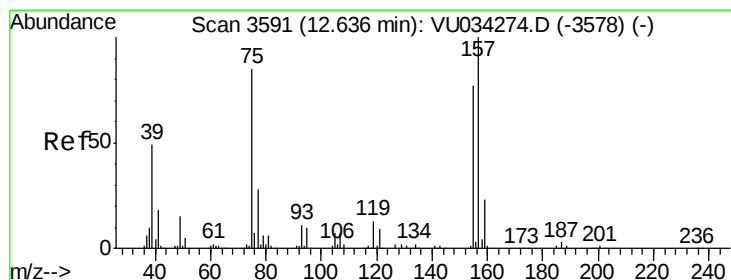
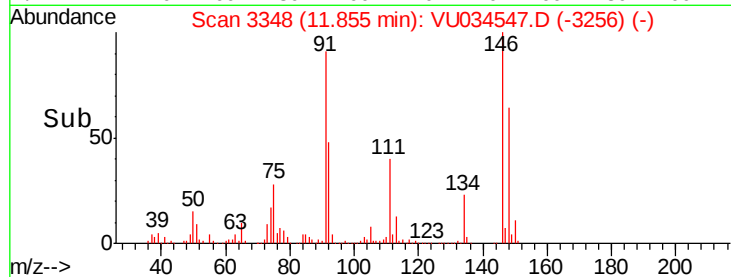
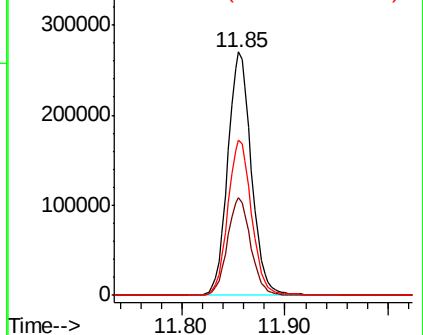
148 64.2 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 61.522 ug/l

RT: 12.63 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VU034547.D

Acq: 13 Sep 2019 01:45

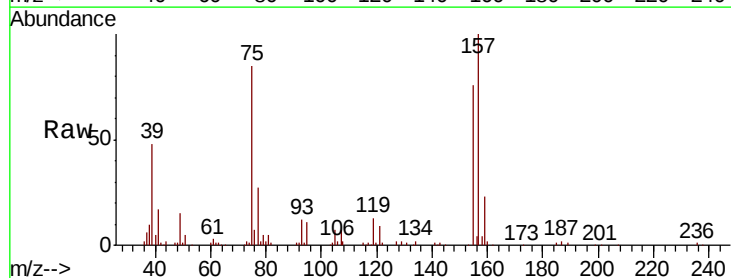
Tgt Ion: 75 Resp: 67970

Ion Ratio Lower Upper

75 100

155 92.4 44.6 134.0

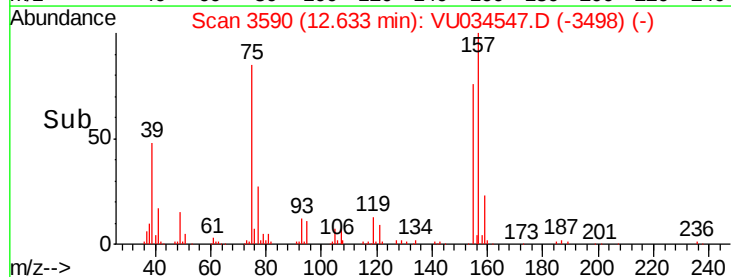
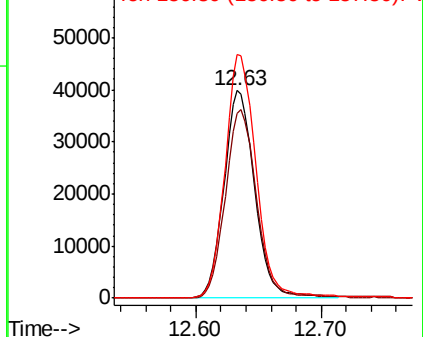
157 118.7 58.2 174.6

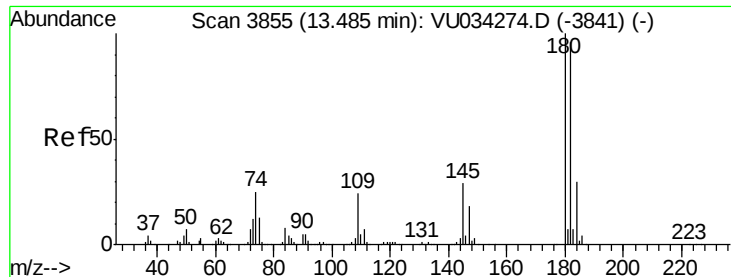


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

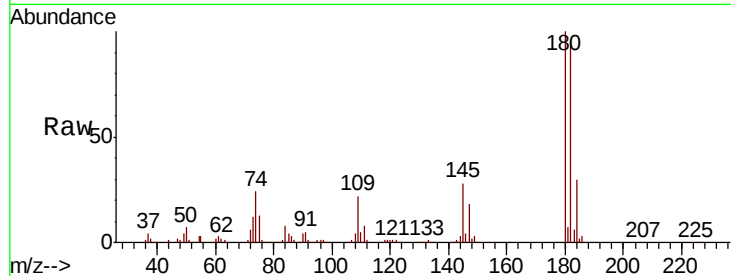




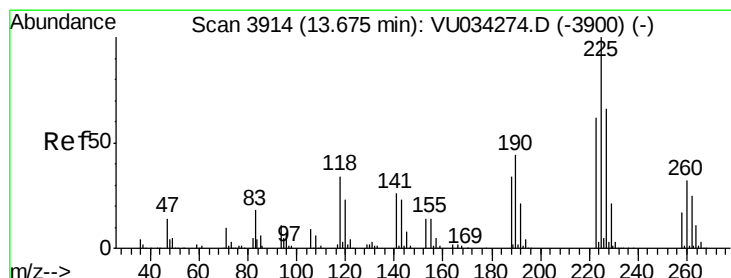
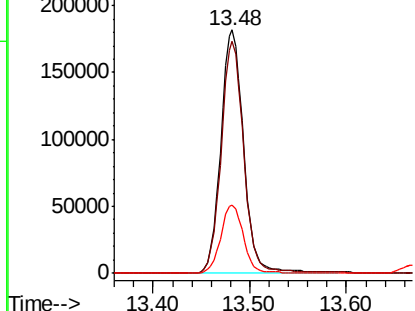
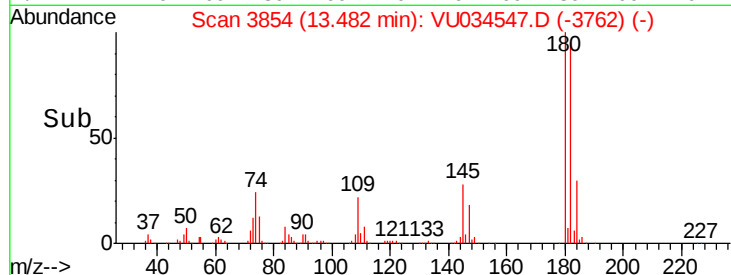
#93
 1,2,4-Trichlorobenzene
 Concen: 54.777 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. -0.00 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 297809
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.8
 145 28.1 14.4 43.0

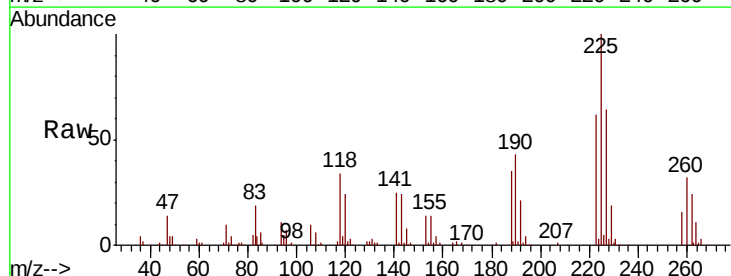


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

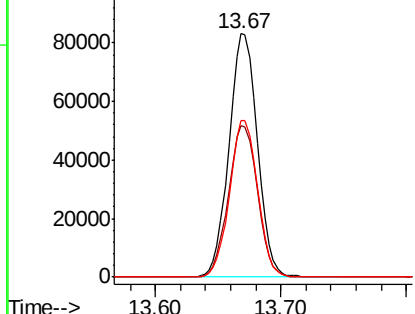
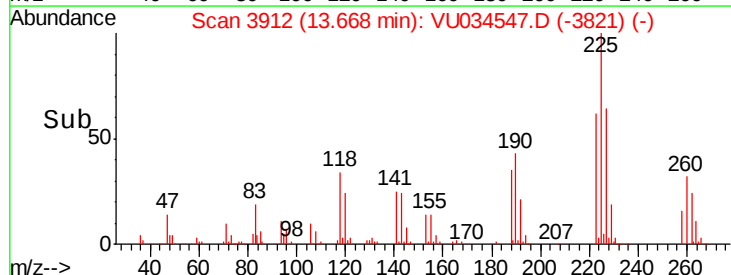


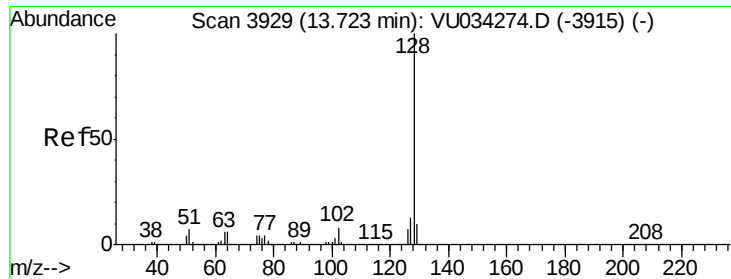
#94
 Hexachlorobutadiene
 Concen: 50.266 ug/l
 RT: 13.67 min Scan# 3912
 Delta R.T. -0.01 min
 Lab File: VU034547.D
 Acq: 13 Sep 2019 01:45

Tgt Ion:225 Resp: 130962
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.6 94.7
 227 63.7 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

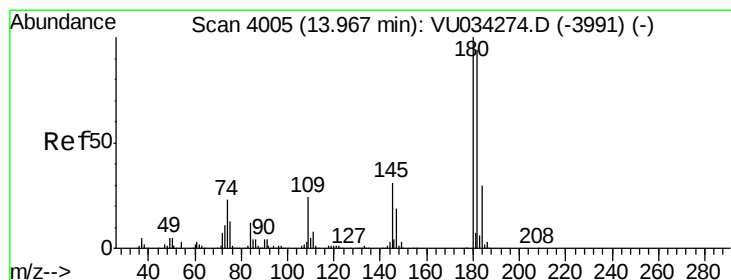
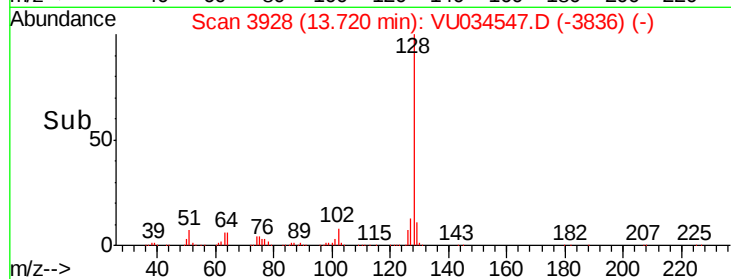
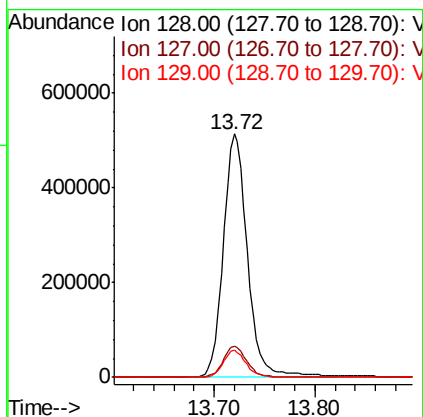
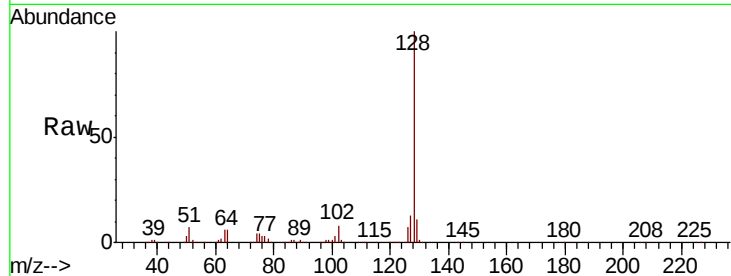




#95
Naphthalene
Concen: 56.132 ug/l
RT: 13.72 min Scan# 3928
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 861916
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 56.828 ug/l
RT: 13.96 min Scan# 4004
Delta R.T. -0.00 min
Lab File: VU034547.D
Acq: 13 Sep 2019 01:45

Tgt Ion:180 Resp: 298488
Ion Ratio Lower Upper
180 100
182 95.1 48.4 145.0
145 29.8 15.4 46.4

