

Data File : VU033975.D
Acq On : 27 Aug 2019 15:54
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Quant Time: Aug 28 02:02:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 01:57:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	357952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	529765	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	490222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	265279	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	196253	39.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.52%	
35) Dibromofluoromethane	4.86	113	177651	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	7.55	98	673050	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	10.29	95	235984	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	177814	43.819	ug/l	100
3) Chloromethane	1.32	50	162965	33.557	ug/l	100
4) Vinyl Chloride	1.40	62	167938	31.870	ug/l	100
5) Bromomethane	1.62	94	106193	36.790	ug/l	100
6) Chloroethane	1.69	64	99069	29.896	ug/l	100
7) Trichlorofluoromethane	1.87	101	231399	36.107	ug/l	100
8) Diethyl Ether	2.09	74	87154	32.092	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.27	101	153861	40.866	ug/l	100
10) Methyl Iodide	2.40	142	231659	55.215	ug/l	100
11) Tert butyl alcohol	2.87	59	242363	230.313	ug/l	100
12) 1,1-Dichloroethene	2.27	96	155330	40.204	ug/l	100
13) Acrolein	2.19	56	75590	132.414	ug/l	100
14) Allyl chloride	2.58	41	274349	39.430	ug/l	100
15) Acrylonitrile	2.93	53	518149	192.571	ug/l	100
16) Acetone	2.33	43	463735	159.914	ug/l	100
17) Carbon Disulfide	2.46	76	482084	37.992	ug/l	100
18) Methyl Acetate	2.61	43	228052	35.189	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	534801	43.443	ug/l	100
20) Methylene Chloride	2.68	84	189436	39.683	ug/l	100
21) trans-1,2-Dichloroethene	2.96	96	177183	41.664	ug/l	100
22) Diisopropyl ether	3.55	45	517859	39.386	ug/l	100
23) Vinyl Acetate	3.50	43	2259469	208.597	ug/l	100
24) 1,1-Dichloroethane	3.42	63	318604	39.071	ug/l	100
25) 2-Butanone	4.25	43	691268	184.724	ug/l	100
26) 2,2-Dichloropropane	4.20	77	265912	40.070	ug/l	100
27) cis-1,2-Dichloroethene	4.20	96	195549	42.743	ug/l	100
28) Bromochloromethane	4.52	49	149745	37.508	ug/l	100
29) Tetrahydrofuran	4.62	42	431950	191.510	ug/l	100
30) Chloroform	4.65	83	314204	38.610	ug/l	100
31) Cyclohexane	4.97	56	282064	39.561	ug/l	100
32) 1,1,1-Trichloroethane	4.89	97	274747	41.130	ug/l	100
36) 1,1-Dichloropropene	5.11	75	235510	44.026	ug/l	100
37) Ethyl Acetate	4.36	43	252906	40.703	ug/l	100
38) Carbon Tetrachloride	5.11	117	243158	45.131	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	289279	48.531	ug/l	100
40) Benzene	5.37	78	712808	44.799	ug/l	100
41) Methacrylonitrile	4.52	41	131643	42.229	ug/l	100
42) 1,2-Dichloroethane	5.38	62	242295	41.665	ug/l	100
43) Isopropyl Acetate	5.53	43	375891	41.362	ug/l	100
44) Trichloroethene	6.16	130	201106	47.855	ug/l	100
45) 1,2-Dichloropropane	6.41	63	191930	43.742	ug/l	100
46) Dibromomethane	6.54	93	129654	45.542	ug/l	100
47) Bromodichloromethane	6.74	83	248895	43.579	ug/l	100
48) Methyl methacrylate	6.60	41	178506	43.715	ug/l	100
49) 1,4-Dioxane	6.65	88	105625	1095.358	ug/l #	100
51) 4-Methyl-2-Pentanone	7.44	43	1264860	205.510	ug/l	100
52) Toluene	7.62	92	452966	48.740	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	270476	45.718	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	304088	46.136	ug/l	100
55) 1,1,2-Trichloroethane	8.05	97	181042	44.426	ug/l	100
56) Ethyl methacrylate	8.00	69	276131	49.879	ug/l	100
57) 1,3-Dichloropropane	8.22	76	311222	44.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	545792	276.183	ug/l	100
59) 2-Hexanone	8.35	43	983232	209.487	ug/l	100
60) Dibromochloromethane	8.46	129	206805	48.079	ug/l	100
61) 1,2-Dibromoethane	8.57	107	197160	46.546	ug/l	100
64) Tetrachloroethene	8.21	164	198023	54.711	ug/l	100
65) Chlorobenzene	9.10	112	497794	49.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	187836	50.012	ug/l	100
67) Ethyl Benzene	9.23	91	850242	51.462	ug/l	100
68) m/p-Xylenes	9.36	106	664128	108.589	ug/l	100
69) o-Xylene	9.76	106	315795	53.984	ug/l	100
70) Styrene	9.77	104	552219	54.647	ug/l	100
71) Bromoform	9.94	173	163920	51.630	ug/l	100
73) Isopropylbenzene	10.15	105	854332	52.234	ug/l	100
74) N-amyl acetate	10.00	43	336110	48.937	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.44	83	288553	42.138	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	336371	55.795	ug/l	84
77) Bromobenzene	10.43	156	230430	52.203	ug/l	100
78) n-propylbenzene	10.57	91	974884	50.390	ug/l	100
79) 2-Chlorotoluene	10.64	91	569744	49.087	ug/l	100
80) 1,3,5-Trimethylbenzene	10.76	105	744394	53.196	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.48	75	337085	152.998	ug/l #	100
82) 4-Chlorotoluene	10.76	91	666708	48.945	ug/l	100
83) tert-Butylbenzene	11.08	119	699049	53.350	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	740790	54.486	ug/l	100
85) sec-Butylbenzene	11.31	105	854066	52.174	ug/l	100
86) p-Isopropyltoluene	11.46	119	810816	54.345	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	413673	49.721	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	414103	48.198	ug/l	100
89) n-Butylbenzene	11.87	91	693121	52.072	ug/l	100
90) Hexachloroethane	12.12	117	128326	44.707	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	408622	51.191	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	65498	46.510	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082819\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	295407	61.301	ug/l	100
94) Hexachlorobutadiene	13.67	225	167820	55.293	ug/l	100
95) Naphthalene	13.73	128	837342	63.512	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	296517	61.214	ug/l	100

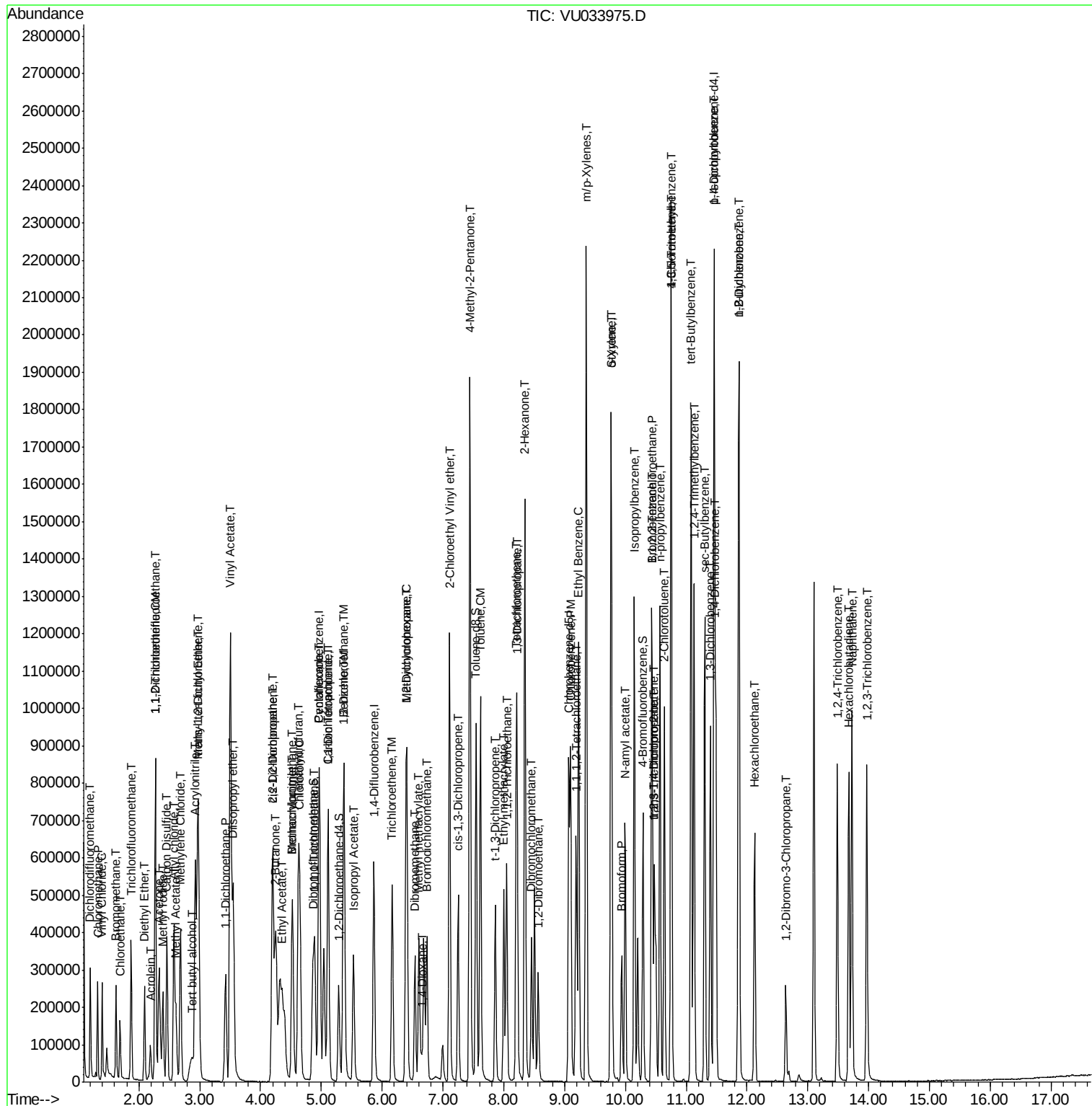
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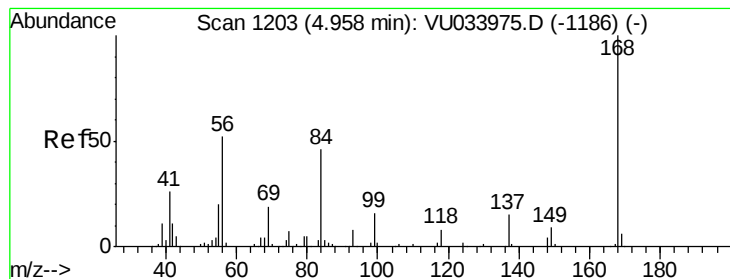
Data File : VU033975.D

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Acq On       : 27 Aug 2019   15:54
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Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

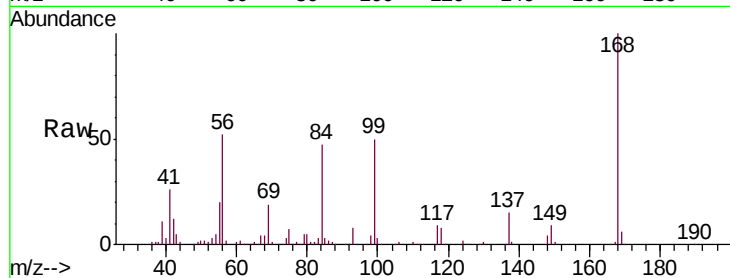
VSTDICCC050

Tgt Ion:168 Resp: 357952

Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033975.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033975.D (-1186) (-)

4.96

150000

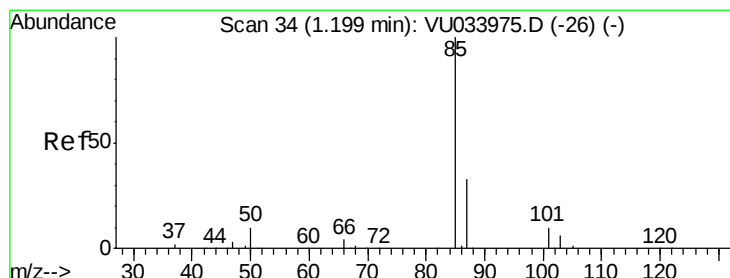
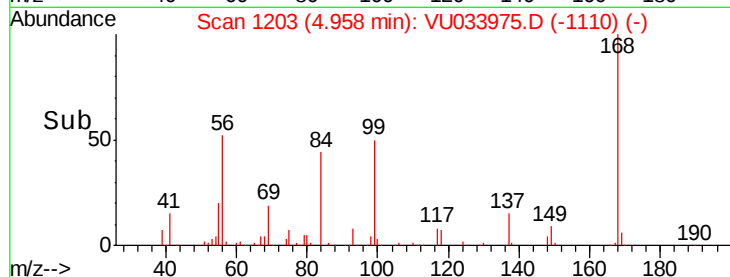
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.819 ug/l

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU033975.D

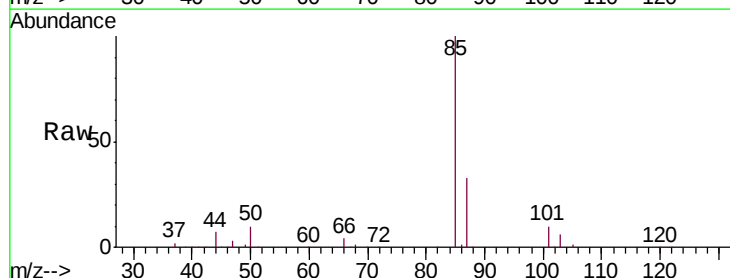
Acq: 27 Aug 2019 15:54

Tgt Ion: 85 Resp: 177814

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VU033975.D (-26) (-)

Ion 86.90 (86.60 to 87.60): VU033975.D (-26) (-)

1.20

200000

150000

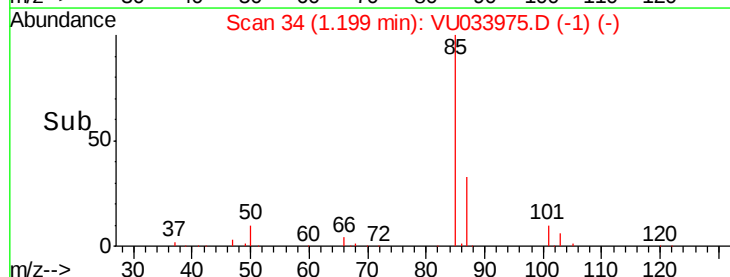
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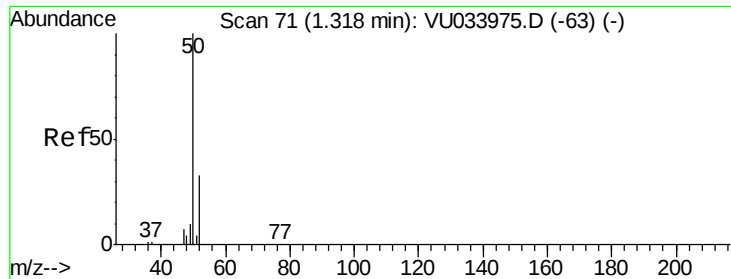
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 33.557 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

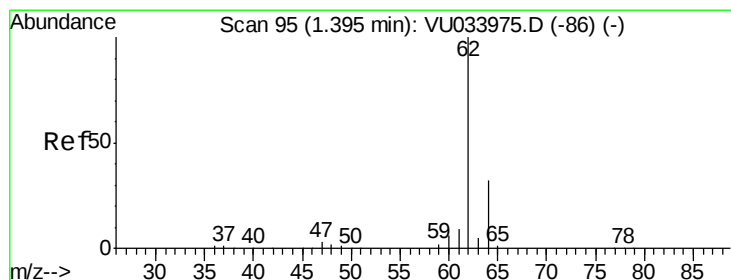
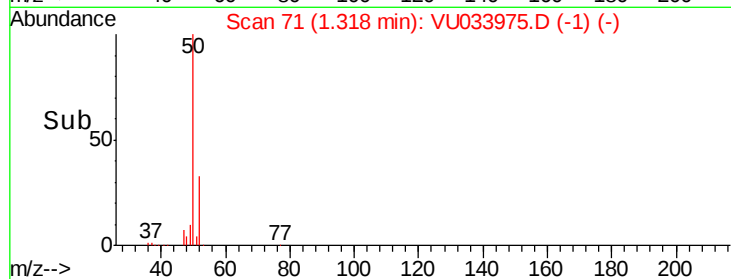
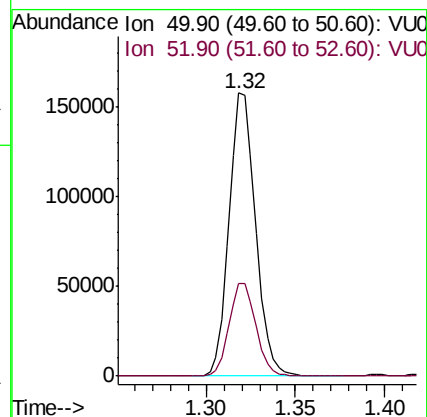
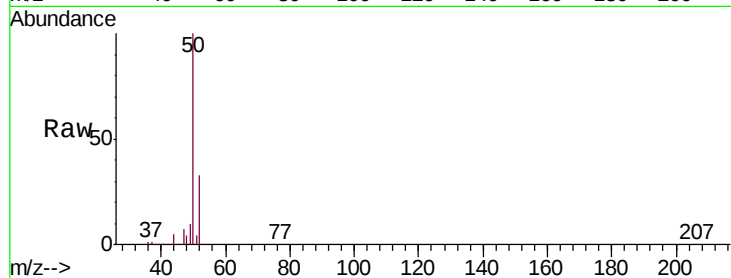
VSTDICCC050

Tgt Ion: 50 Resp: 162965

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 31.870 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033975.D

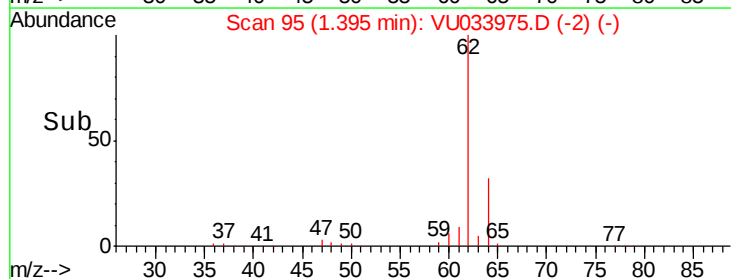
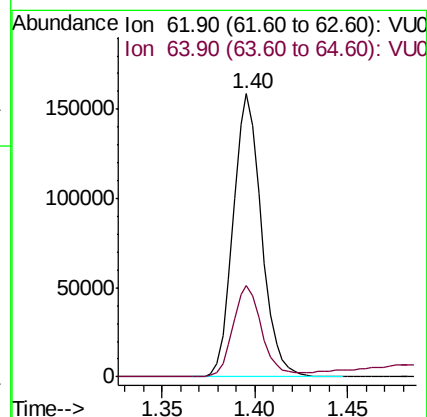
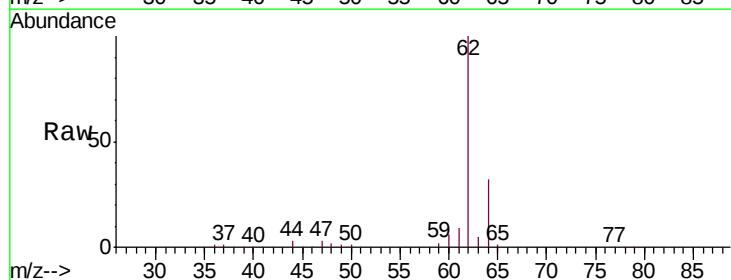
Acq: 27 Aug 2019 15:54

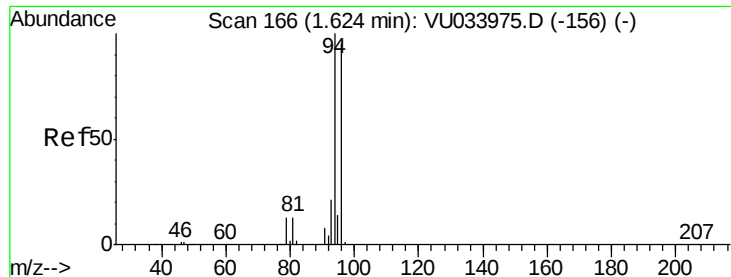
Tgt Ion: 62 Resp: 167938

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 36.790 ug/l

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

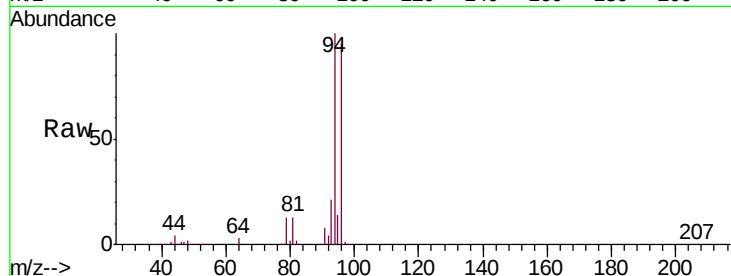
VSTDICCC050

Tgt Ion: 94 Resp: 106193

Ion Ratio Lower Upper

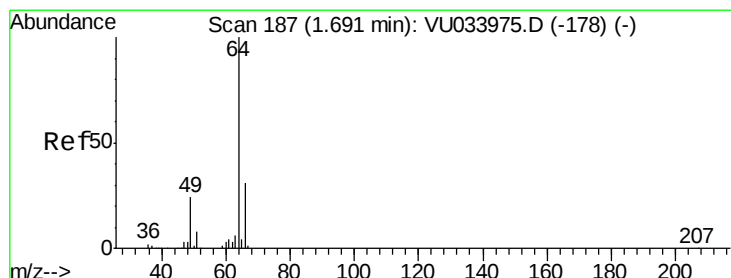
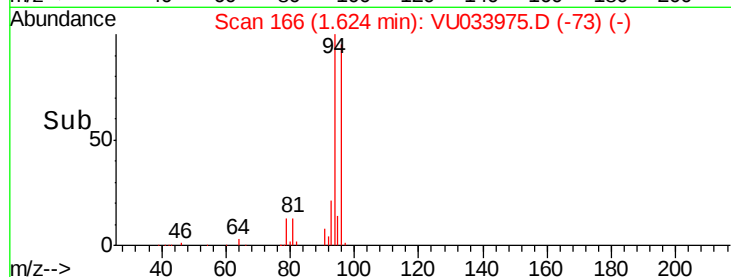
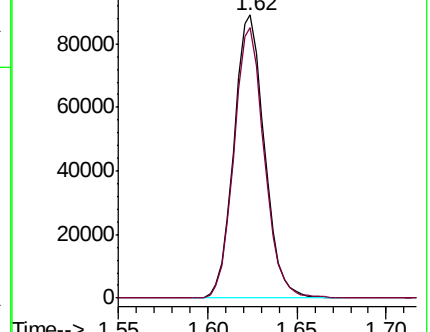
94 100

96 95.4 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU033975.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VU033975.D (-156) (-)



#6

Chloroethane

Concen: 29.896 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU033975.D

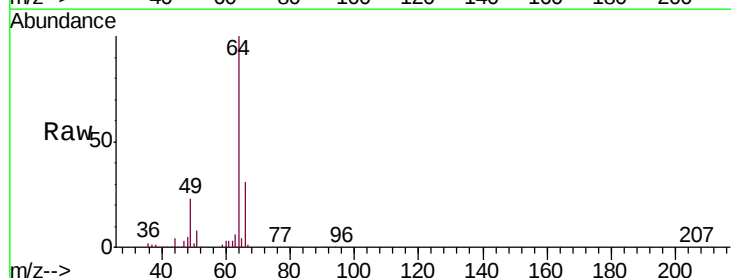
Acq: 27 Aug 2019 15:54

Tgt Ion: 64 Resp: 99069

Ion Ratio Lower Upper

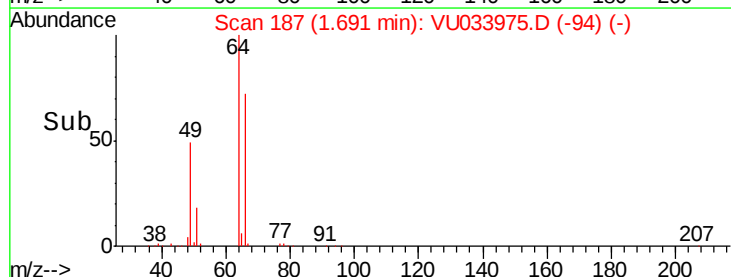
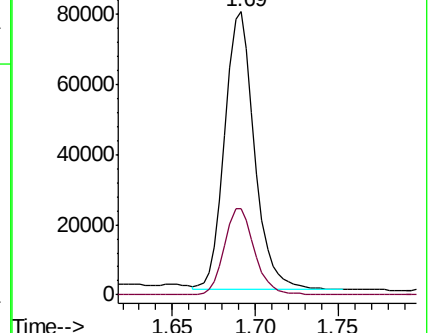
64 100

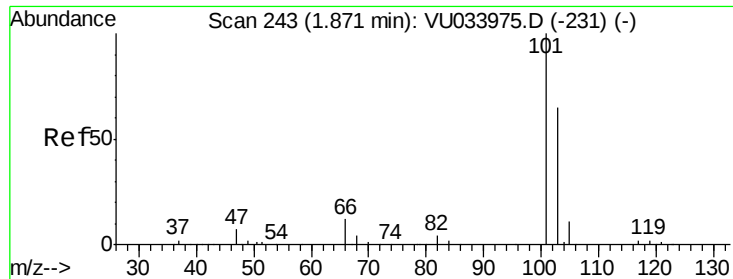
66 31.1 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VU033975.D (-178) (-)

Ion 65.90 (65.60 to 66.60): VU033975.D (-178) (-)



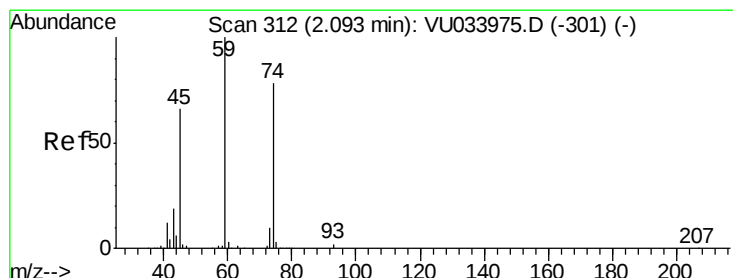
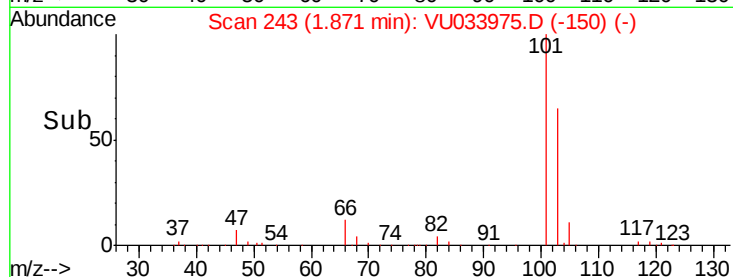
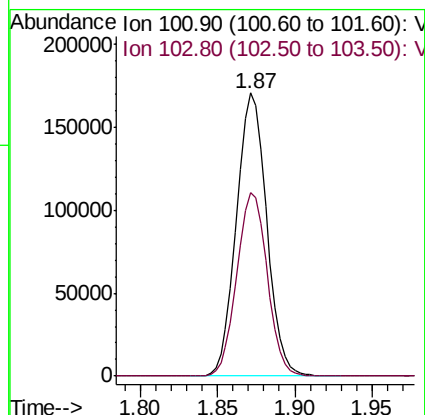
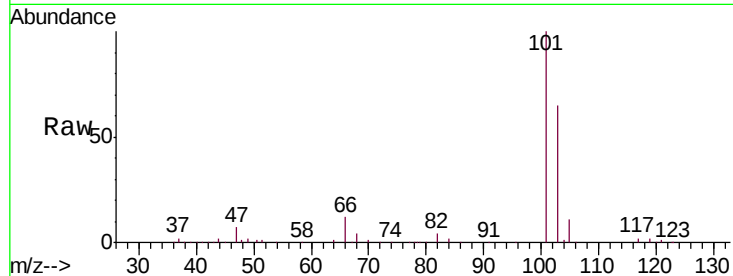


#7

Trichlorofluoromethane
 Concen: 36.107 ug/l
 RT: 1.87 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Instrument :
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 ClientSampleId :
 VSTDICCC050

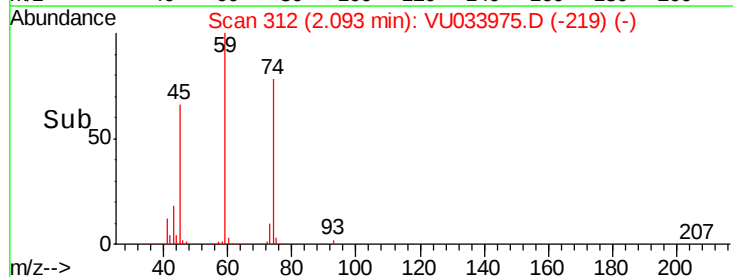
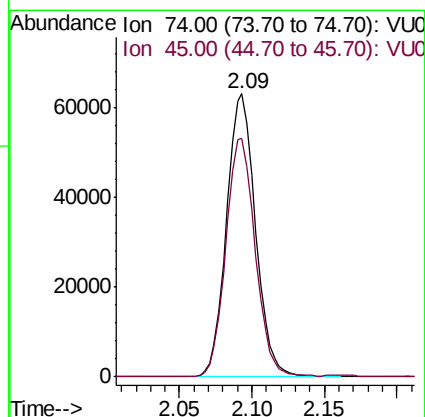
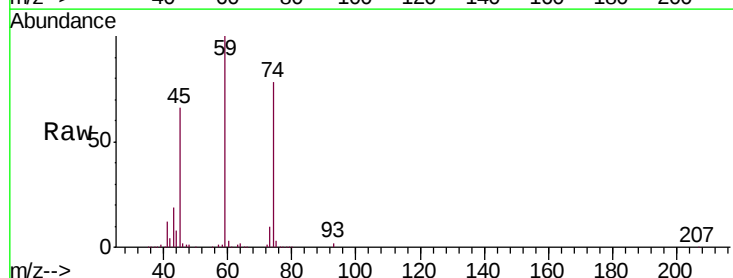
Tgt Ion:101 Resp: 231399
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.0 78.0

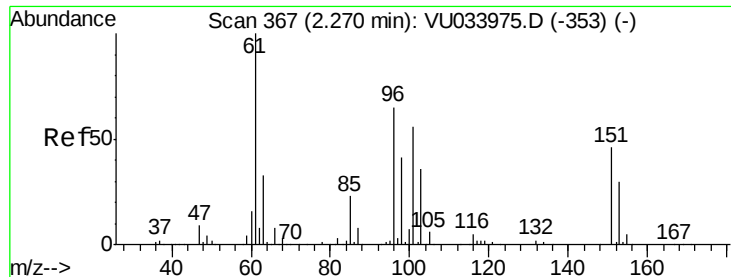


#8

Diethyl Ether
 Concen: 32.092 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Tgt Ion: 74 Resp: 87154
 Ion Ratio Lower Upper
 74 100
 45 85.6 42.8 128.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.866 ug/l

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

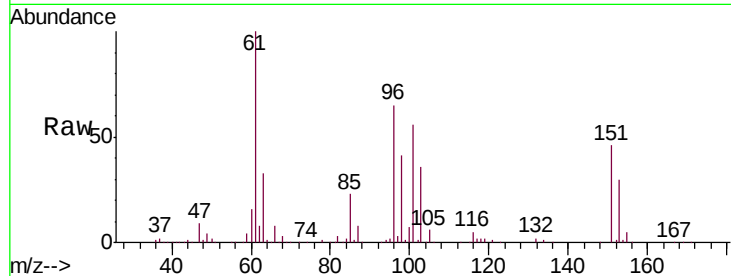
Tgt Ion:101 Resp: 153861

Ion Ratio Lower Upper

101 100

85 41.7 33.4 50.0

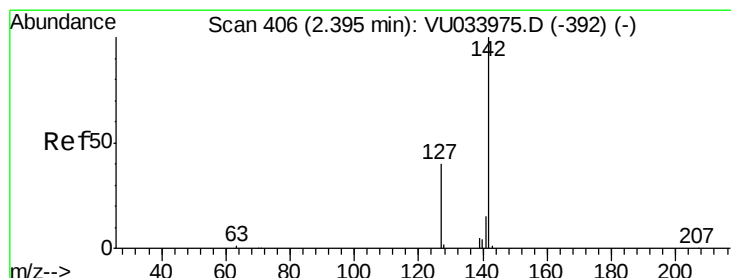
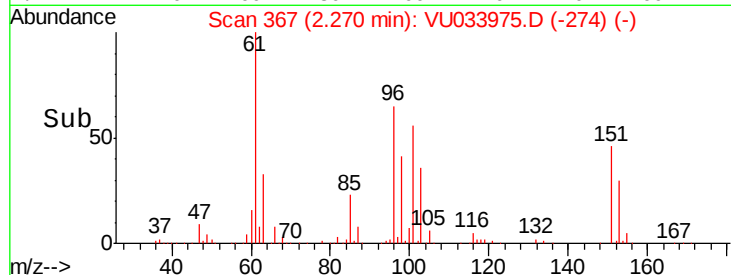
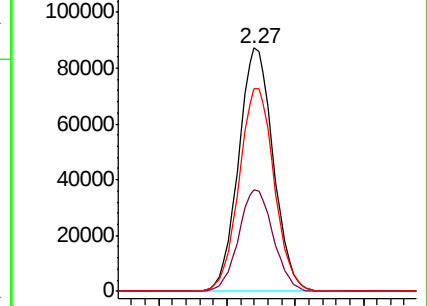
151 84.5 67.6 101.4



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: 55.215 ug/l

RT: 2.40 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

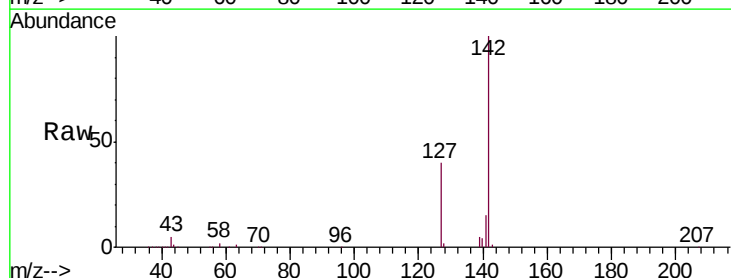
Tgt Ion:142 Resp: 231659

Ion Ratio Lower Upper

142 100

127 40.2 32.2 48.2

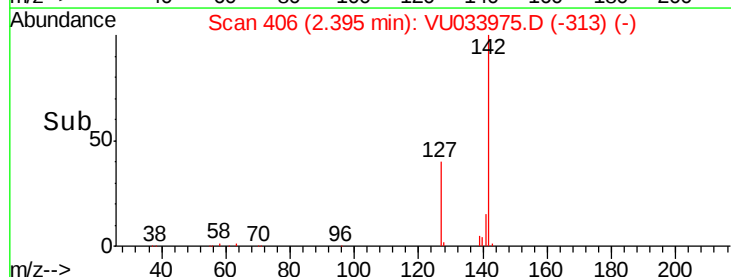
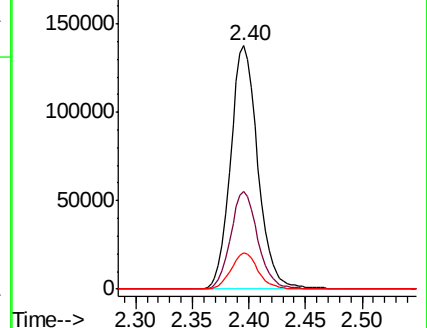
141 14.8 11.8 17.8

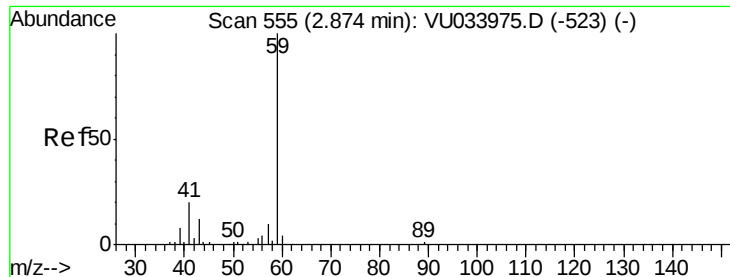


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

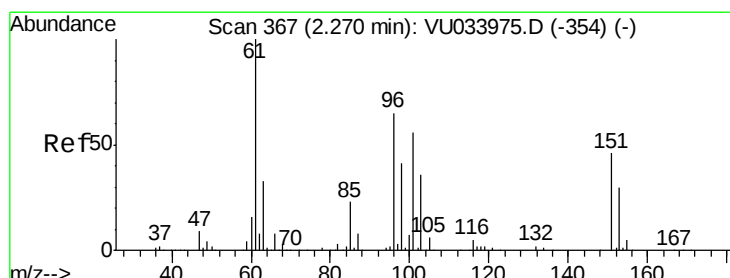
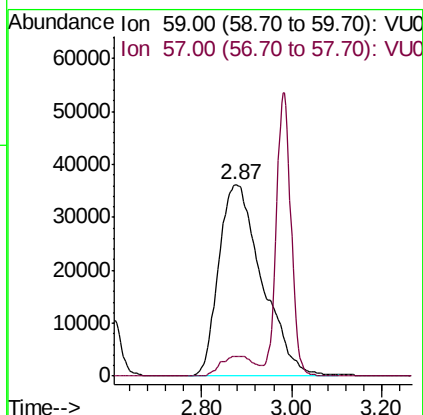
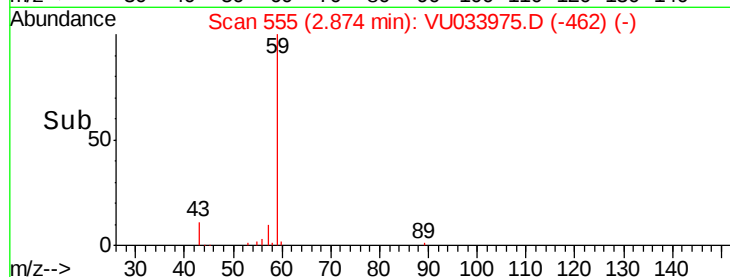
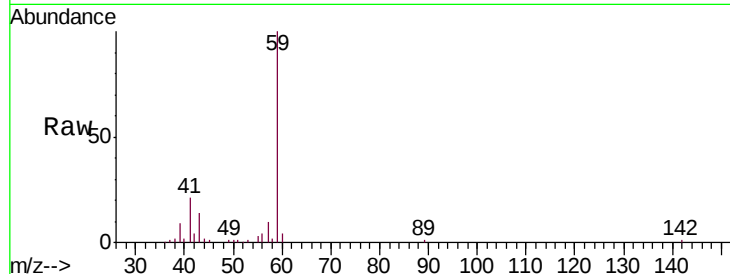




#11
Tert butyl alcohol
Concen: 230.313 ug/l
RT: 2.87 min Scan# 555
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

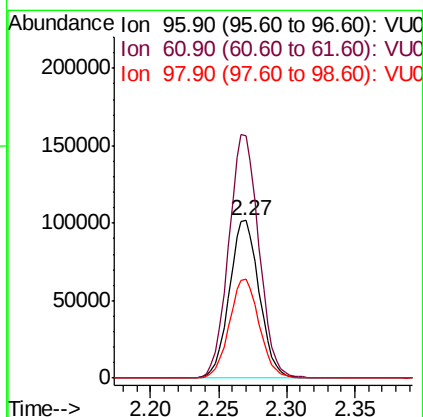
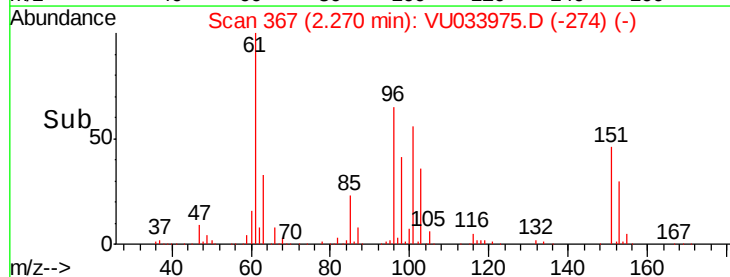
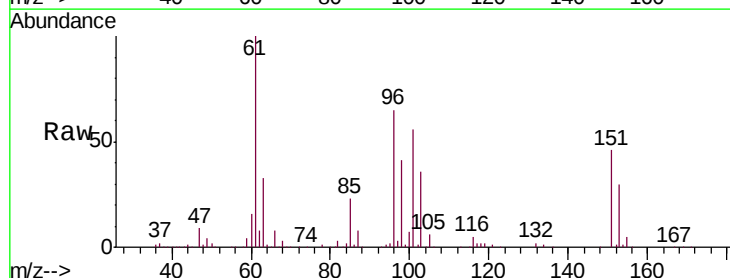
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

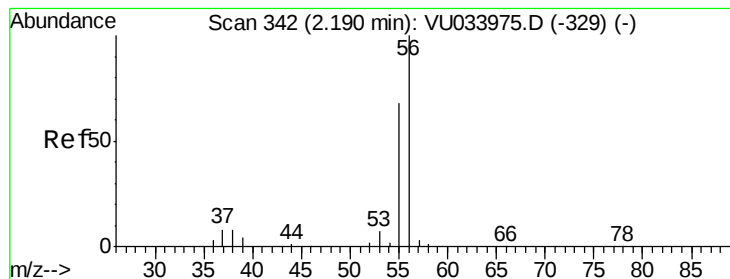
Tgt Ion: 59 Resp: 242363
Ion Ratio Lower Upper
59 100
57 4.9 3.9 5.9



#12
1,1-Dichloroethene
Concen: 40.204 ug/l
RT: 2.27 min Scan# 367
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion: 96 Resp: 155330
Ion Ratio Lower Upper
96 100
61 154.1 123.3 184.9
98 63.1 50.5 75.7





#13

Acrolein

Concen: 132.414 ug/l

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

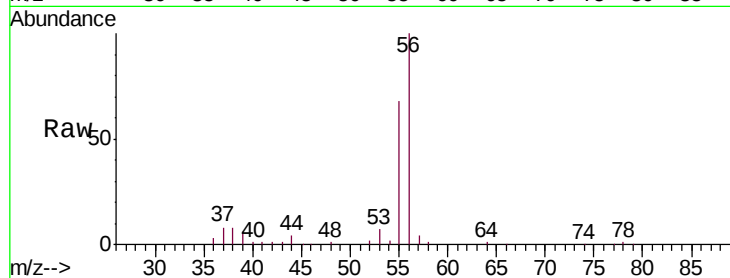
VSTDICCC050

Tgt Ion: 56 Resp: 75590

Ion Ratio Lower Upper

56 100

55 72.5 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VU033975.D (-329) (-)

Ion 55.00 (54.70 to 55.70): VU033975.D (-329) (-)

2.19

50000

40000

30000

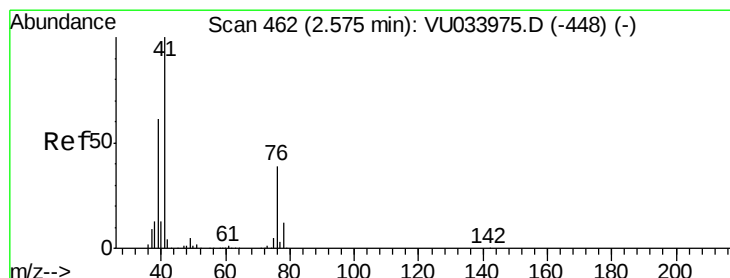
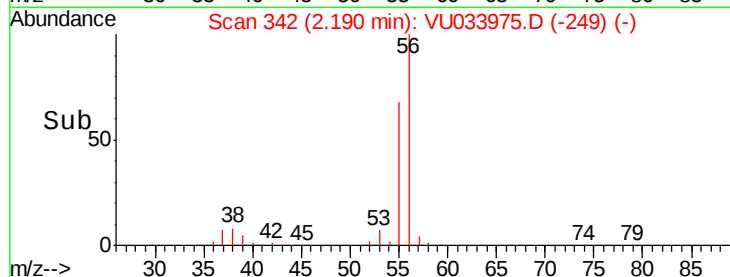
20000

10000

0

Time-->

2.10 2.15 2.20 2.25



#14

Allyl chloride

Concen: 39.430 ug/l

RT: 2.58 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

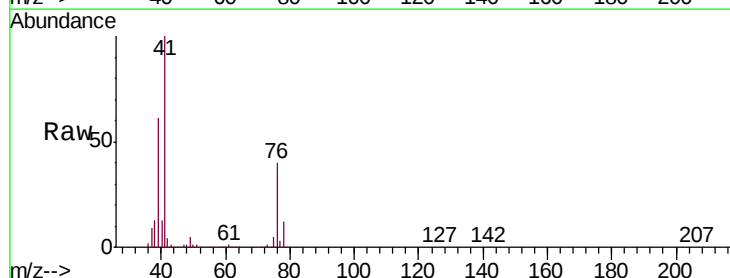
Tgt Ion: 41 Resp: 274349

Ion Ratio Lower Upper

41 100

39 57.4 45.9 68.9

76 36.8 29.4 44.2



Abundance Ion 41.00 (40.70 to 41.70): VU033975.D (-448) (-)

Ion 39.00 (38.70 to 39.70): VU033975.D (-448) (-)

Ion 75.90 (75.60 to 76.60): VU033975.D (-448) (-)

300000

250000

200000

150000

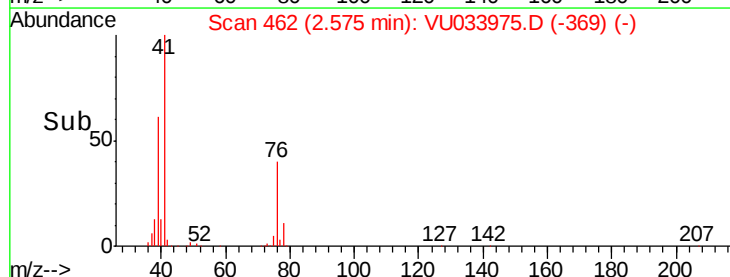
100000

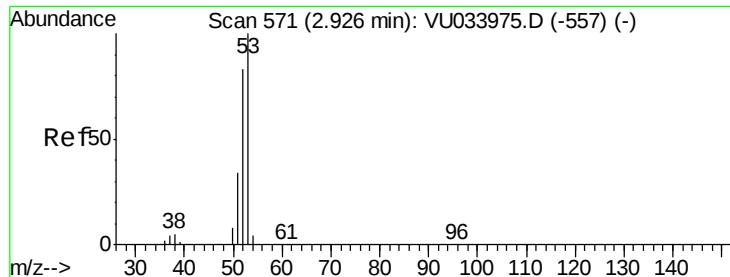
50000

0

Time-->

2.50 2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 192.571 ug/l

RT: 2.93 min Scan# 571

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

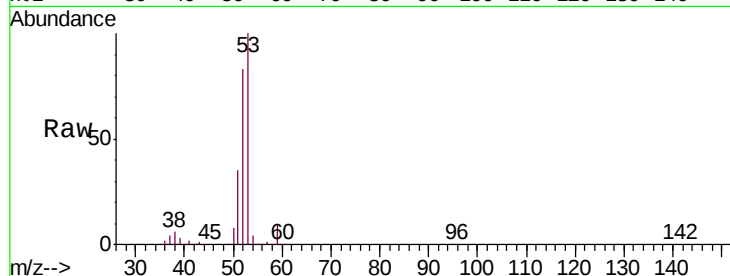
Tgt Ion: 53 Resp: 518149

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

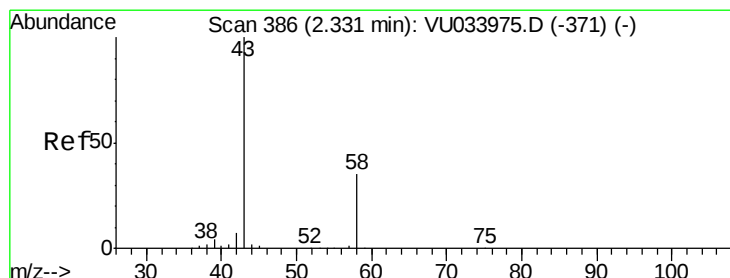
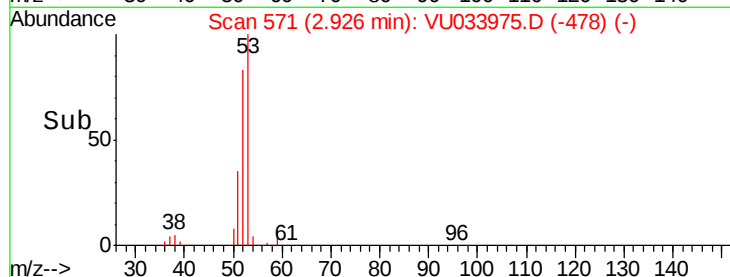
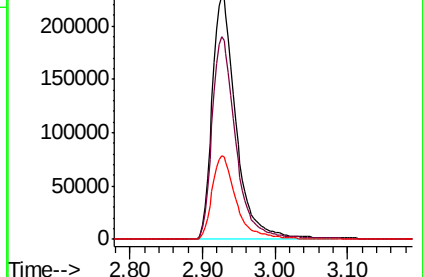
51 34.4 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VU033975.D (-557) (-)

Ion 52.00 (51.70 to 52.70): VU033975.D (-557) (-)

Ion 51.00 (50.70 to 51.70): VU033975.D (-557) (-)



#16

Acetone

Concen: 159.914 ug/l

RT: 2.33 min Scan# 386

Delta R.T. 0.00 min

Lab File: VU033975.D

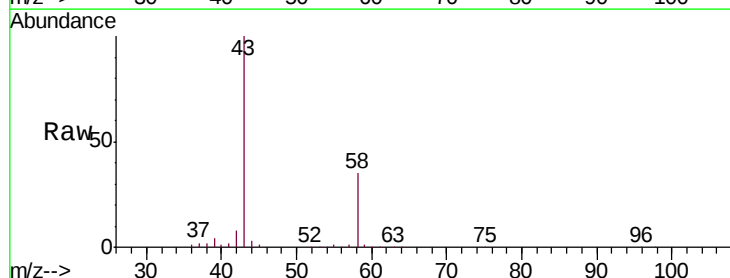
Acq: 27 Aug 2019 15:54

Tgt Ion: 43 Resp: 463735

Ion Ratio Lower Upper

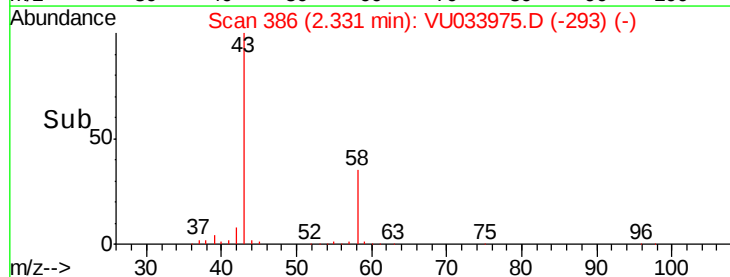
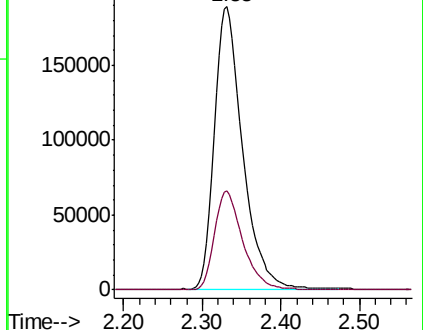
43 100

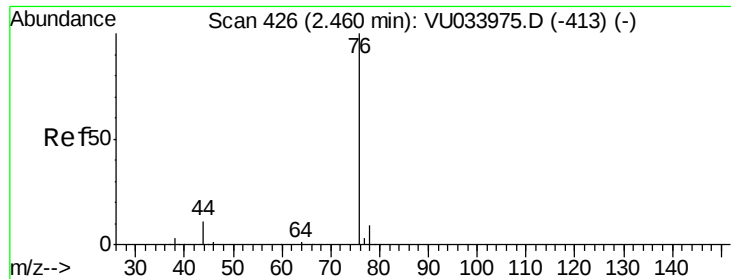
58 35.0 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU033975.D (-371) (-)

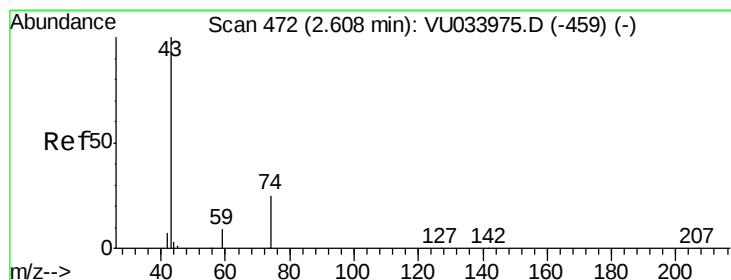
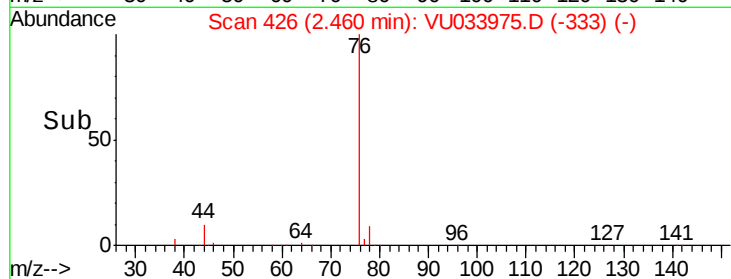
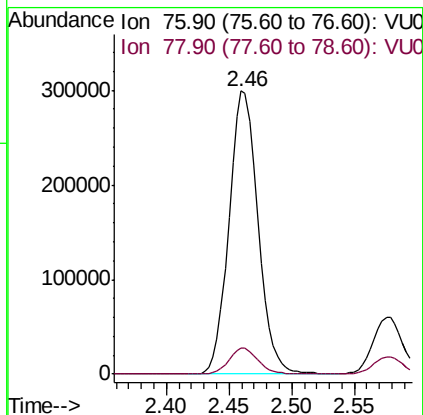
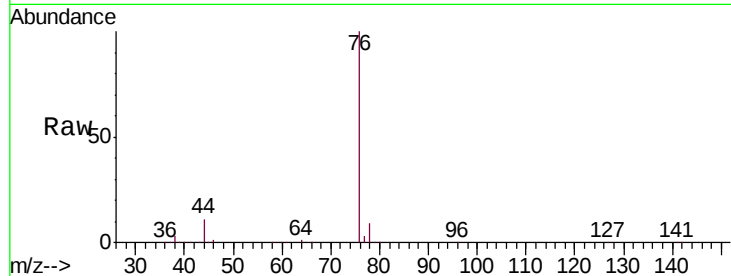




#17
Carbon Disulfide
Concen: 37.992 ug/l
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

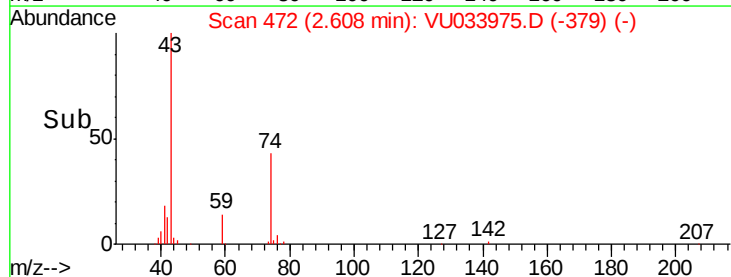
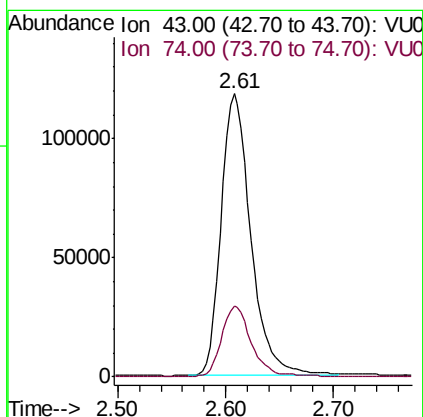
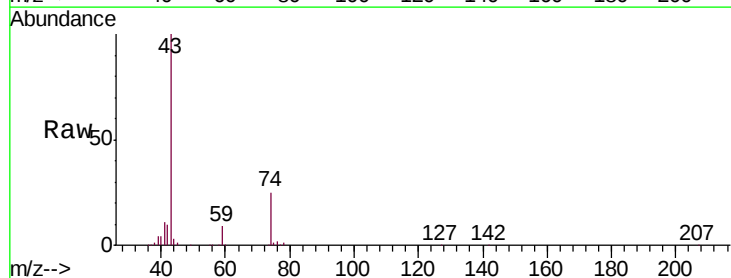
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

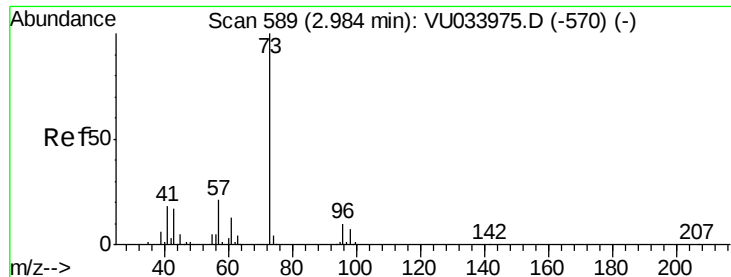
Tgt Ion: 76 Resp: 482084
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 35.189 ug/l
RT: 2.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion: 43 Resp: 228052
Ion Ratio Lower Upper
43 100
74 25.6 20.5 30.7

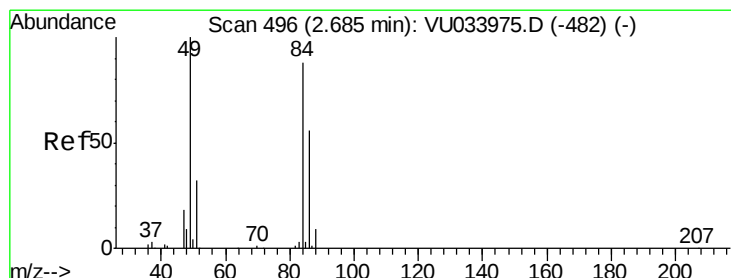
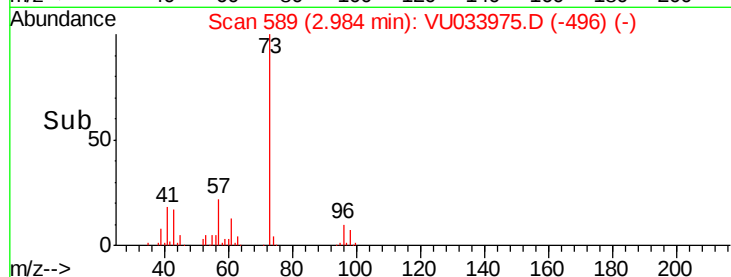
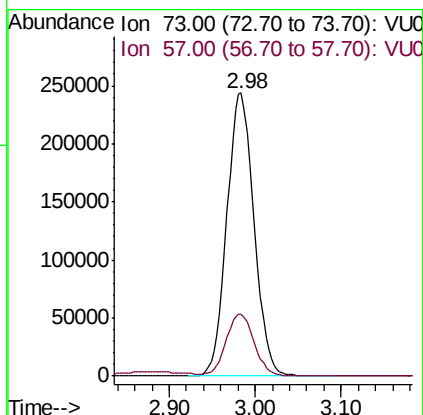
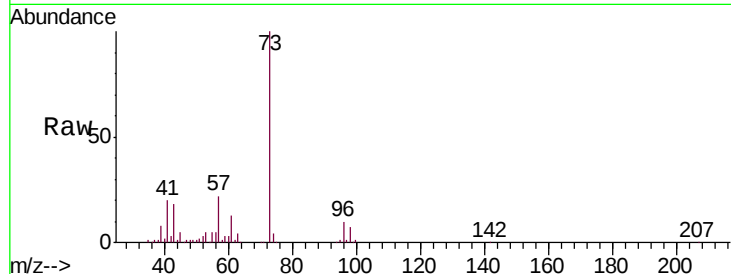




#19
Methyl tert-butyl Ether
Concen: 43.443 ug/l
RT: 2.98 min Scan# 589
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

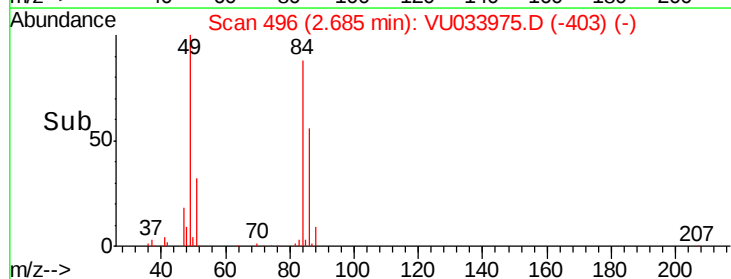
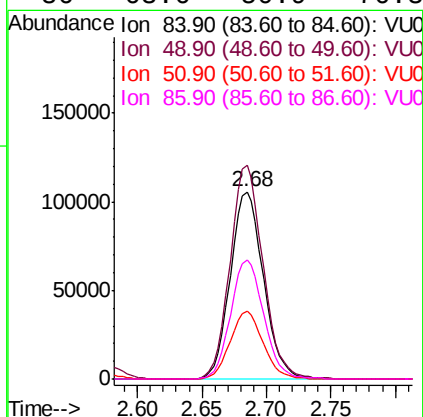
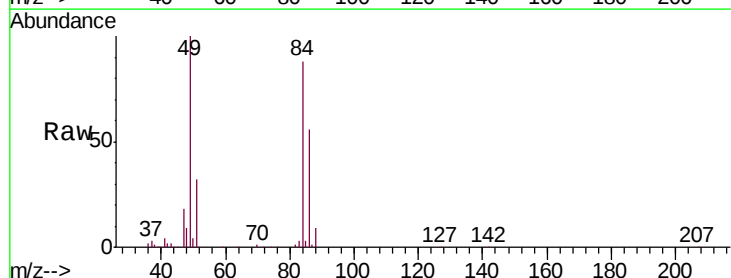
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

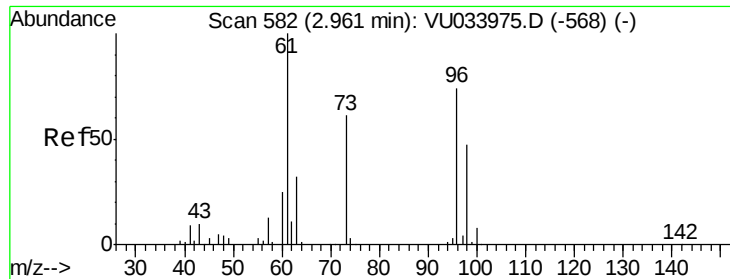
Tgt Ion: 73 Resp: 534801
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 39.683 ug/l
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion: 84 Resp: 189436
Ion Ratio Lower Upper
84 100
49 114.1 91.3 136.9
51 36.1 28.9 43.3
86 63.6 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 41.664 ug/l

RT: 2.96 min Scan# 582

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

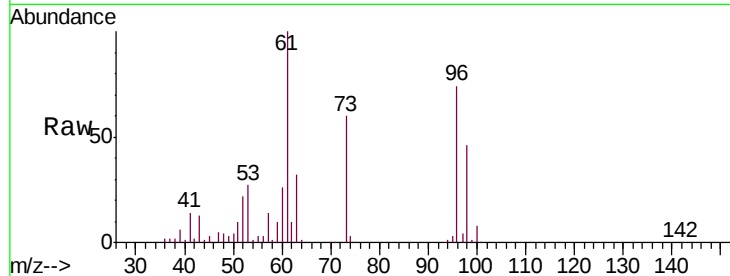
Tgt Ion: 96 Resp: 177183

Ion Ratio Lower Upper

96 100

61 135.2 108.2 162.2

98 62.9 50.3 75.5

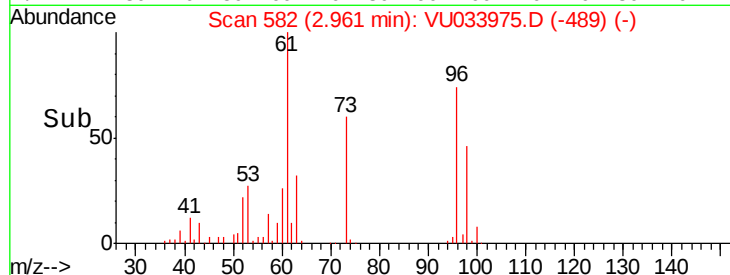


Abundance Ion 95.90 (95.60 to 96.60): VU033975.D (-568) (-)

Ion 60.90 (60.60 to 61.60): VU033975.D (-568) (-)

Ion 97.90 (97.60 to 98.60): VU033975.D (-568) (-)

Time-->

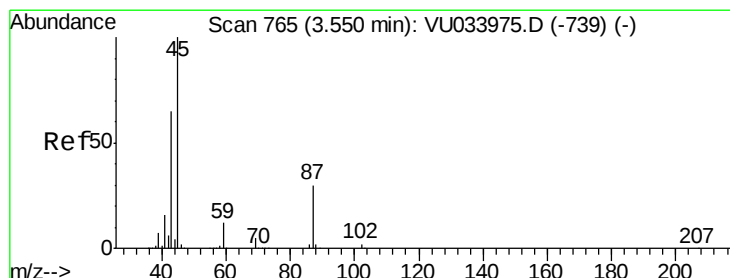


Abundance Ion 95.90 (95.60 to 96.60): VU033975.D (-489) (-)

Ion 60.90 (60.60 to 61.60): VU033975.D (-489) (-)

Ion 97.90 (97.60 to 98.60): VU033975.D (-489) (-)

Time-->



#22

Diisopropyl ether

Concen: 39.386 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Tgt Ion: 45 Resp: 517859

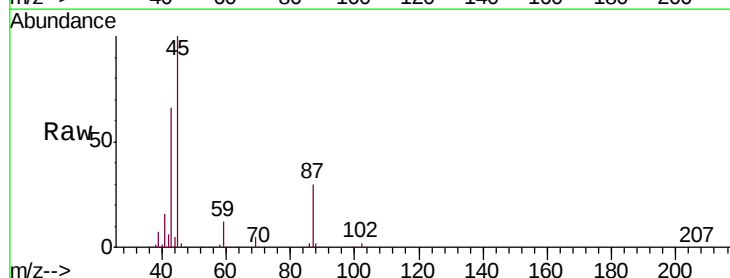
Ion Ratio Lower Upper

45 100

43 64.5 51.6 77.4

87 30.5 24.4 36.6

59 12.2 9.8 14.6



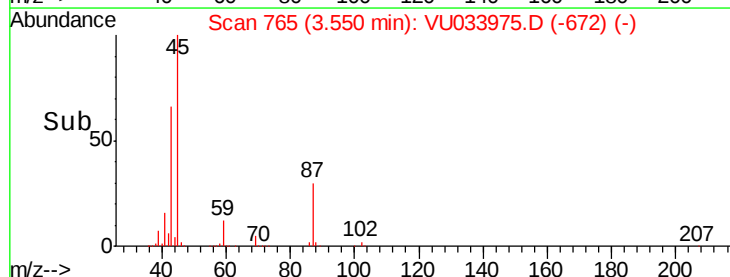
Abundance Ion 45.00 (44.70 to 45.70): VU033975.D (-739) (-)

Ion 43.00 (42.70 to 43.70): VU033975.D (-739) (-)

Ion 87.00 (86.70 to 87.70): VU033975.D (-739) (-)

Ion 59.00 (58.70 to 59.70): VU033975.D (-739) (-)

Time-->



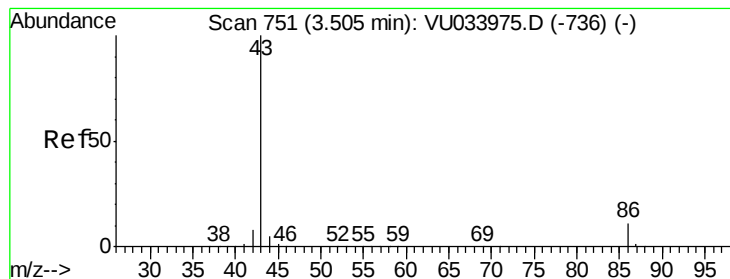
Abundance Ion 45.00 (44.70 to 45.70): VU033975.D (-672) (-)

Ion 43.00 (42.70 to 43.70): VU033975.D (-672) (-)

Ion 87.00 (86.70 to 87.70): VU033975.D (-672) (-)

Ion 59.00 (58.70 to 59.70): VU033975.D (-672) (-)

Time-->



#23

Vinyl Acetate

Concen: 208.597 ug/l

RT: 3.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

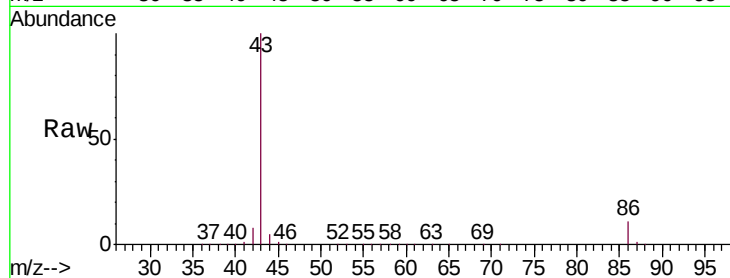
VSTDICCC050

Tgt Ion: 43 Resp: 2259469

Ion Ratio Lower Upper

43 100

86 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-736) (-)

Ion 86.00 (85.70 to 86.70): VU033975.D (-736) (-)

3.50

1000000

800000

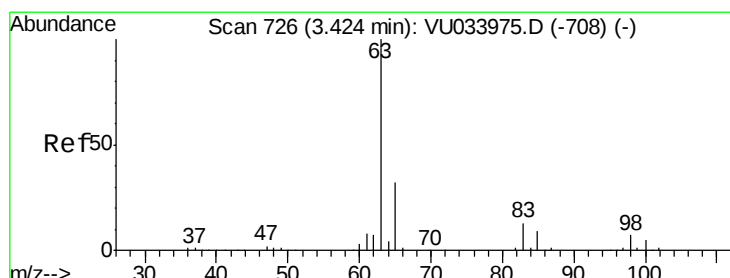
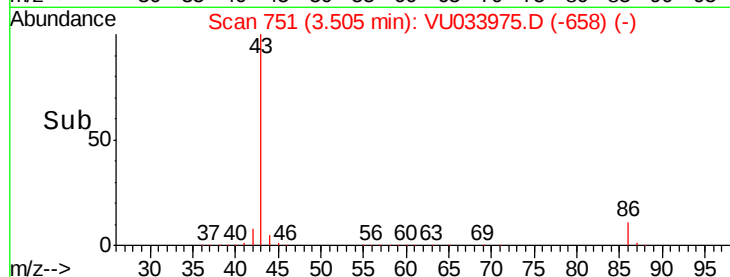
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 39.071 ug/l

RT: 3.42 min Scan# 726

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

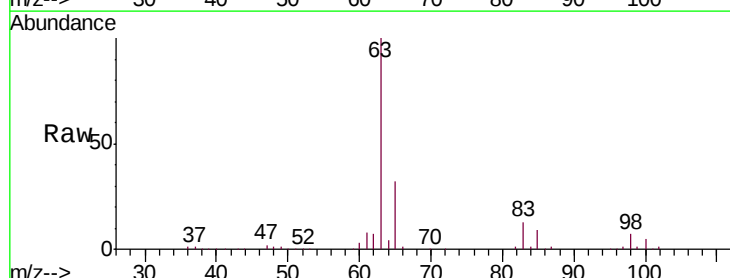
Tgt Ion: 63 Resp: 318604

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.5 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VU033975.D (-708) (-)

Ion 97.90 (97.60 to 98.60): VU033975.D (-708) (-)

Ion 99.90 (99.60 to 100.60): VU033975.D (-708) (-)

3.42

200000

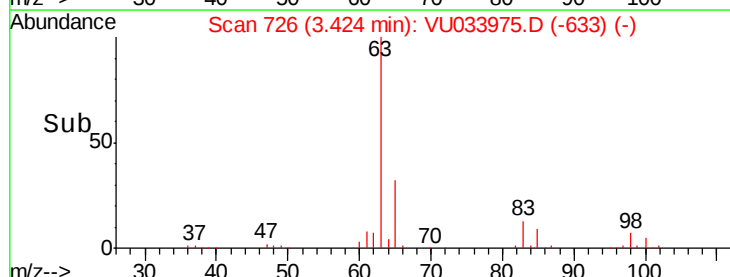
150000

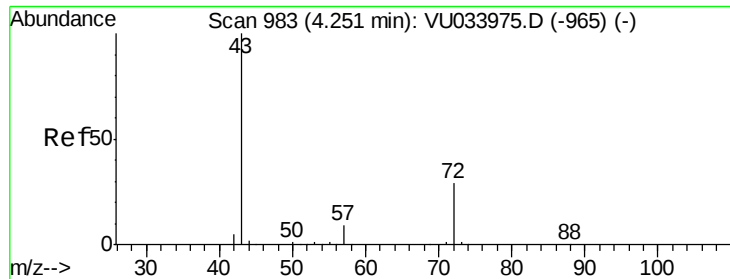
100000

50000

0

Time-->





#25

2-Butanone

Concen: 184.724 ug/l

RT: 4.25 min Scan# 983

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

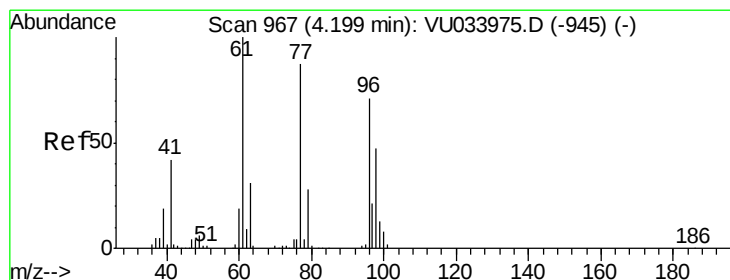
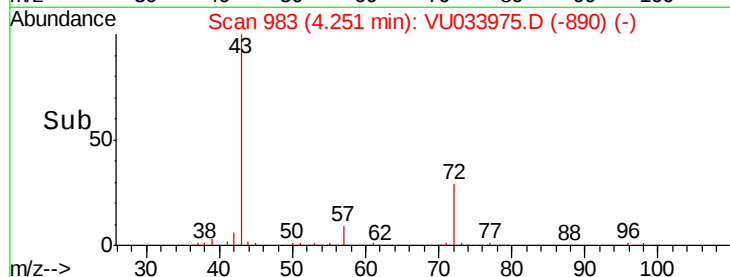
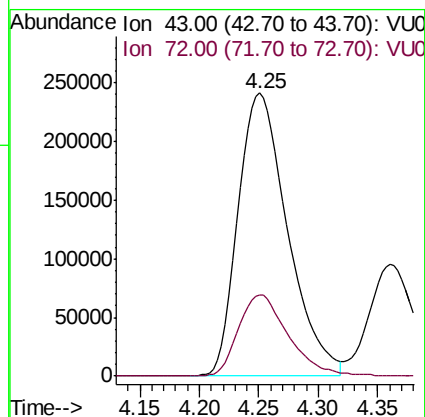
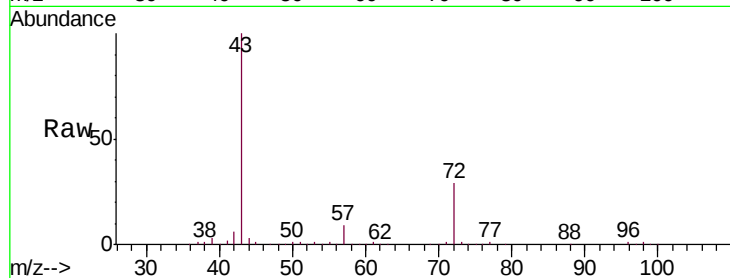
VSTDICCC050

Tgt Ion: 43 Resp: 691268

Ion Ratio Lower Upper

43 100

72 28.6 22.9 34.3



#26

2,2-Dichloropropane

Concen: 40.070 ug/l

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033975.D

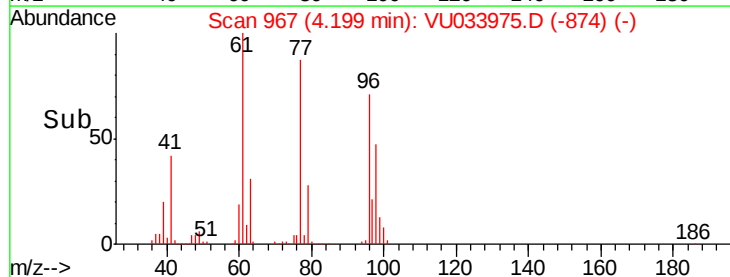
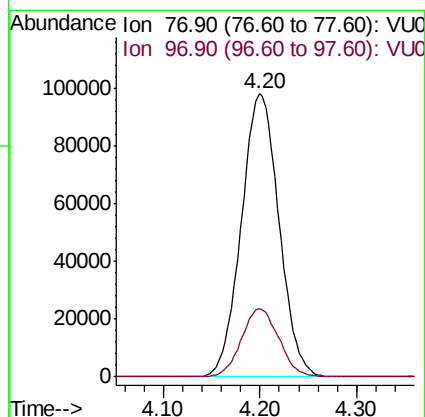
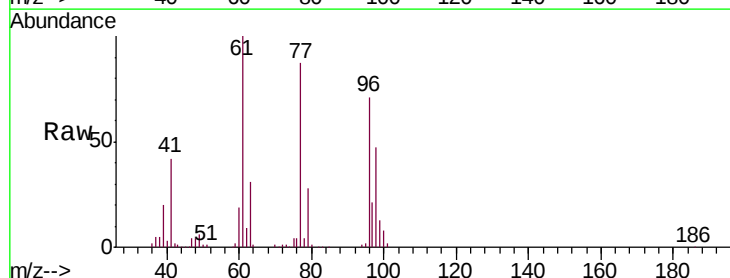
Acq: 27 Aug 2019 15:54

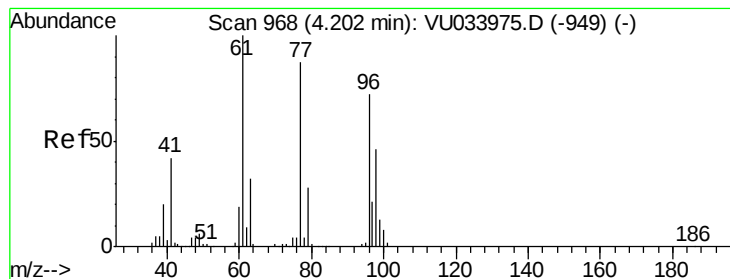
Tgt Ion: 77 Resp: 265912

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.0



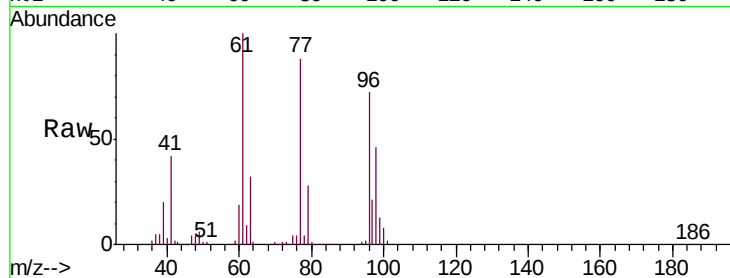


#27

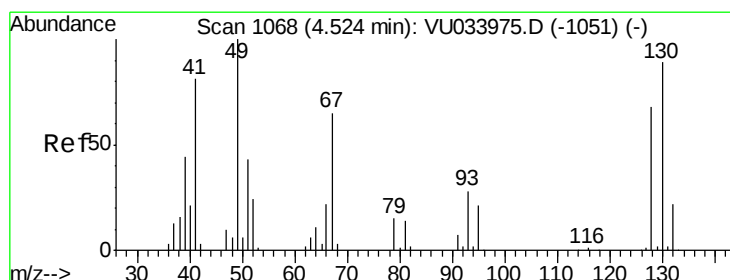
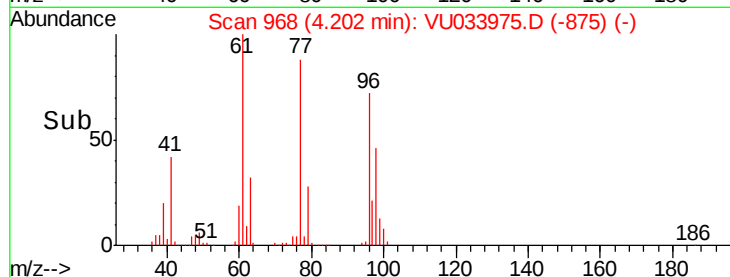
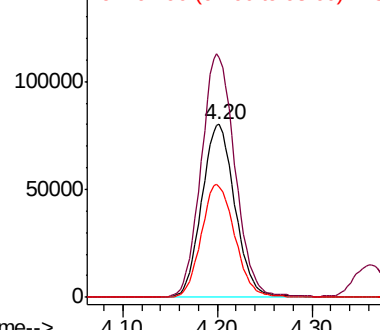
cis-1,2-Dichloroethene
 Concen: 42.743 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	287.2
98	65.9	0.0	131.8



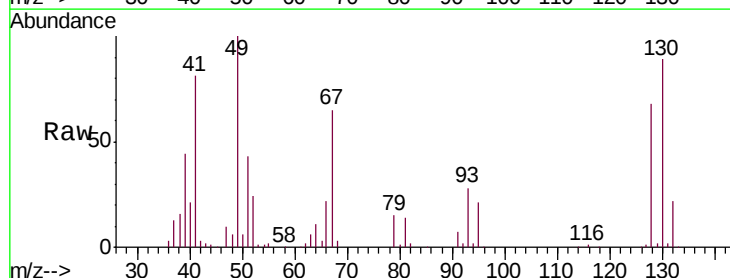
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



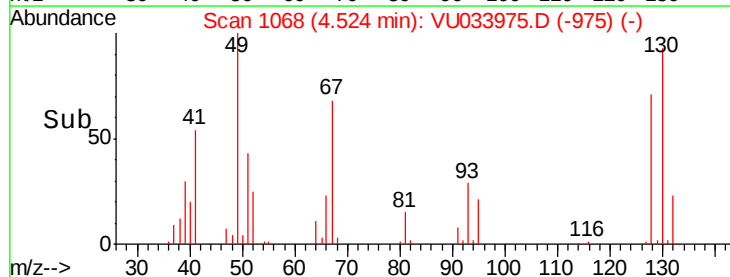
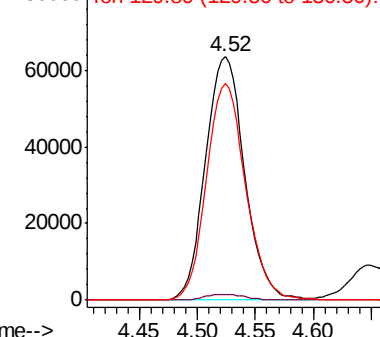
#28

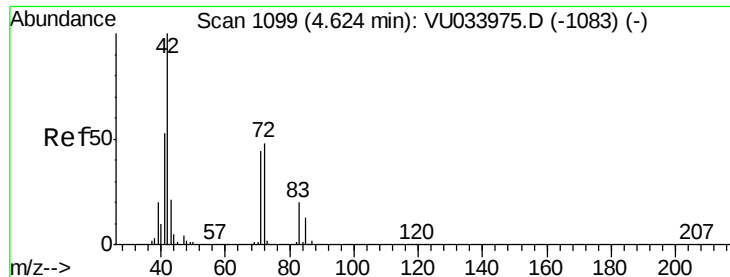
Bromochloromethane
 Concen: 37.508 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	88.8	71.0	106.6



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

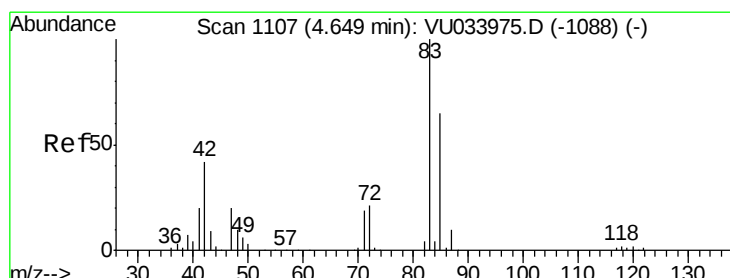
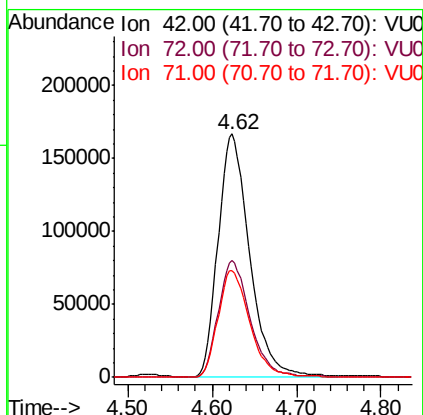
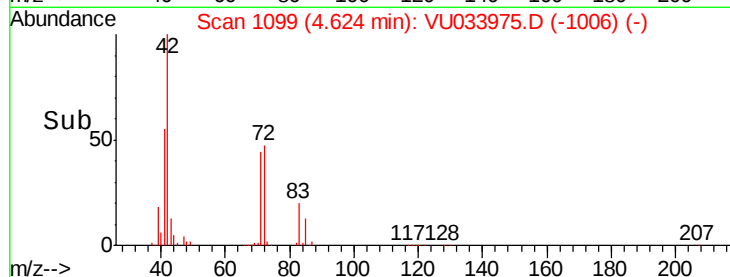
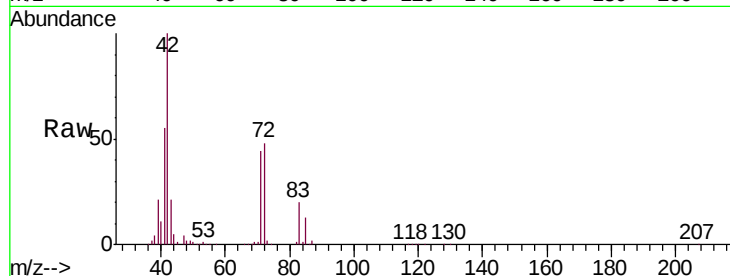




#29
Tetrahydrofuran
Concen: 191.510 ug/l
RT: 4.62 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

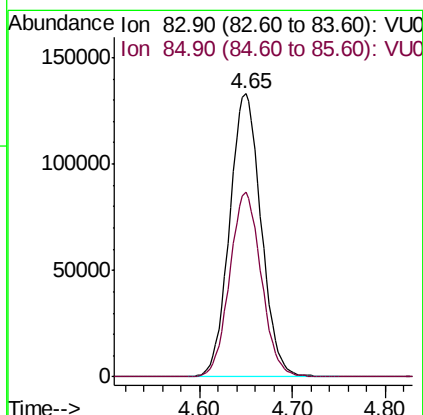
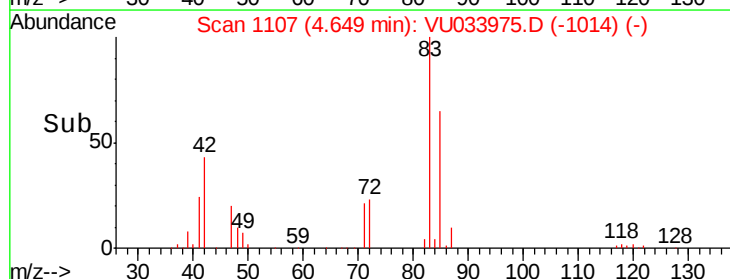
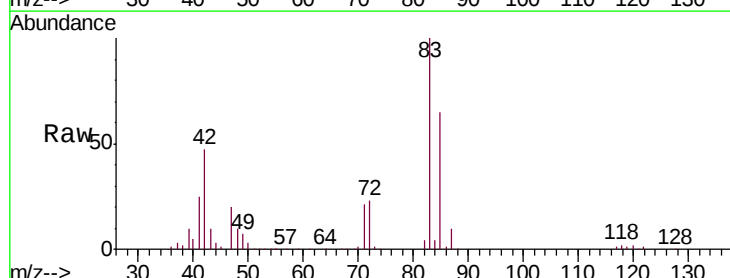
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

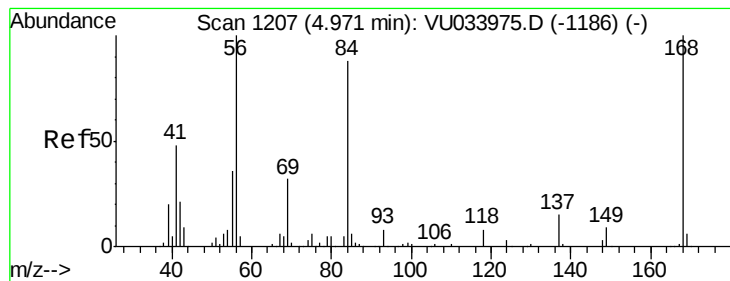
Tgt Ion: 42 Resp: 431950
Ion Ratio Lower Upper
42 100
72 48.6 38.9 58.3
71 44.6 35.7 53.5



#30
Chloroform
Concen: 38.610 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion: 83 Resp: 314204
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1





#31

Cyclohexane

Concen: 39.561 ug/l

RT: 4.97 min Scan# 1207

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

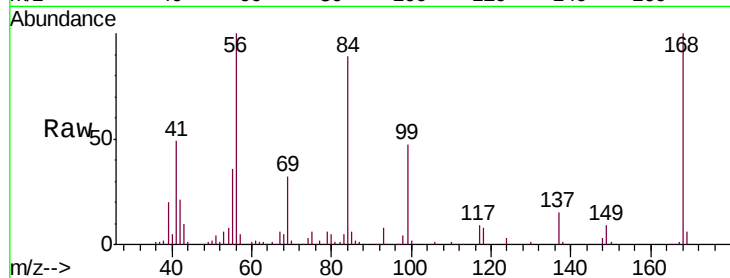
Tgt Ion: 56 Resp: 282064

Ion Ratio Lower Upper

56 100

69 32.4 25.9 38.9

84 88.0 70.4 105.6

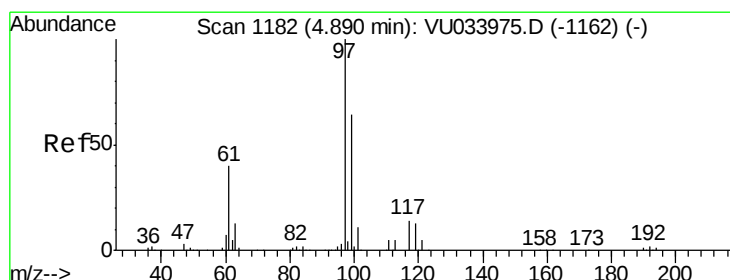
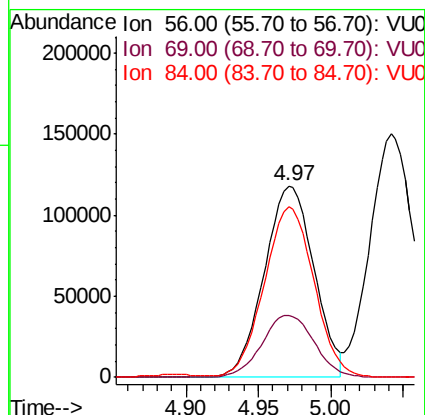
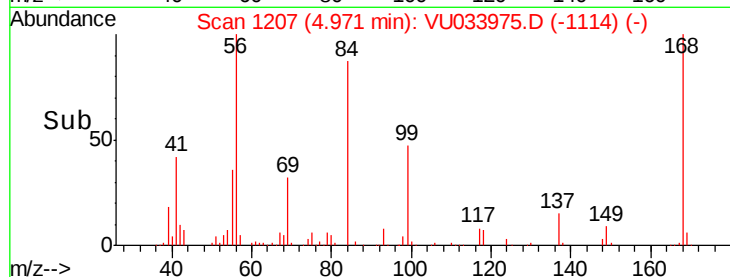


Abundance Ion 56.00 (55.70 to 56.70): VU033975.D (-1186) (-)

Ion 69.00 (68.70 to 69.70): VU033975.D (-1186) (-)

Ion 84.00 (83.70 to 84.70): VU033975.D (-1186) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 41.130 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

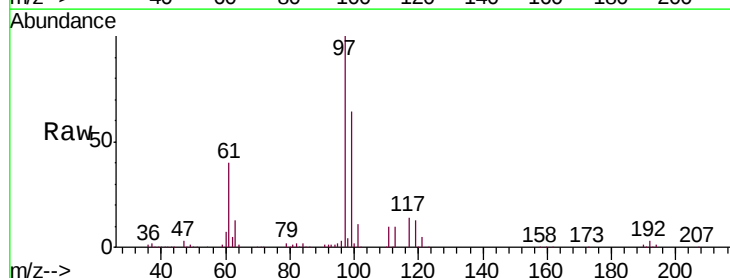
Tgt Ion: 97 Resp: 274747

Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 40.9 32.7 49.1

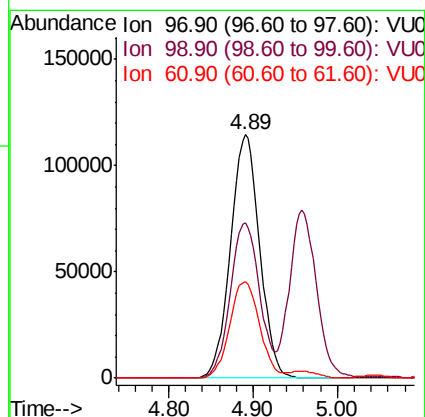
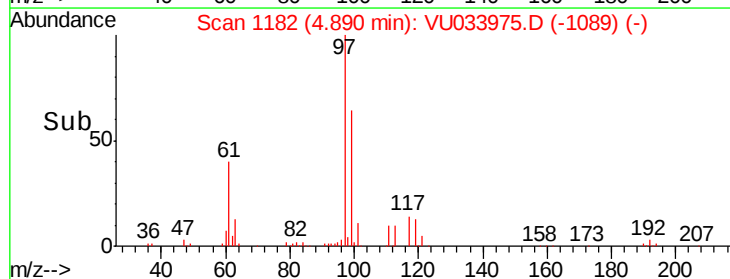


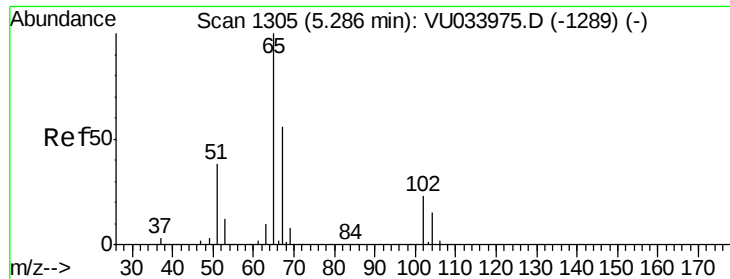
Abundance Ion 96.90 (96.60 to 97.60): VU033975.D (-1162) (-)

Ion 98.90 (98.60 to 99.60): VU033975.D (-1162) (-)

Ion 60.90 (60.60 to 61.60): VU033975.D (-1162) (-)

Time-->

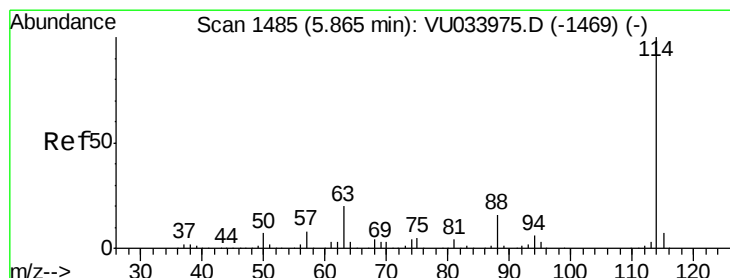
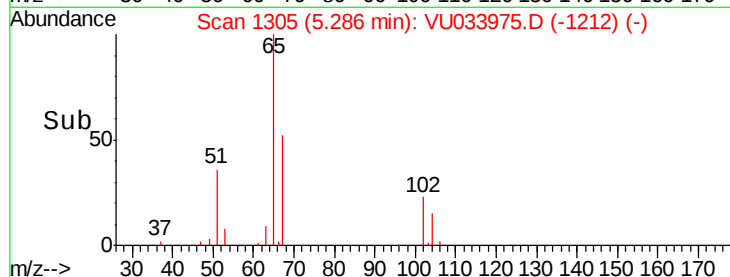
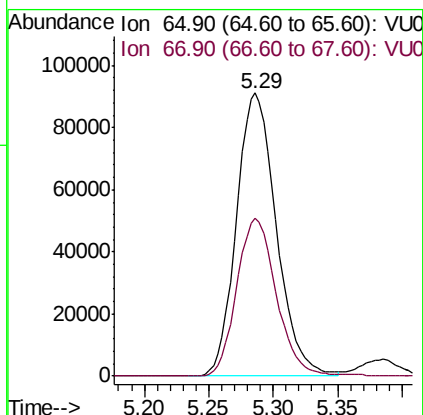
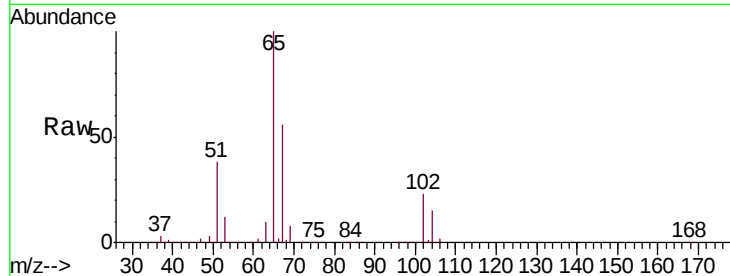




#33
 1,2-Dichloroethane-d4
 Concen: 39.258 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

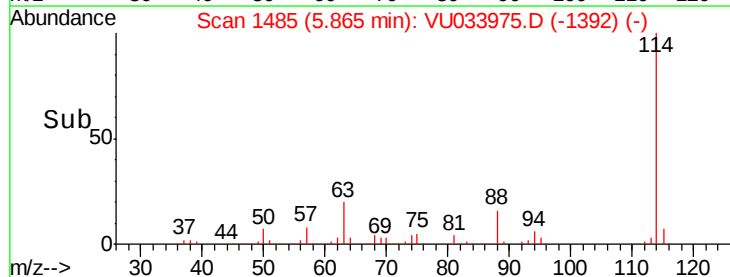
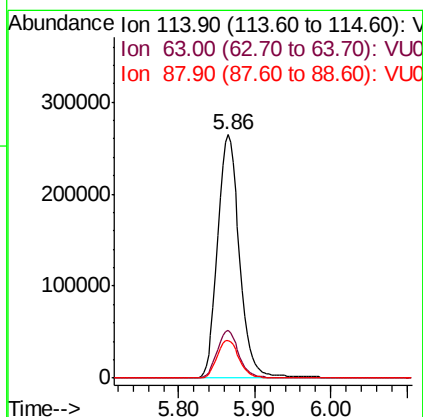
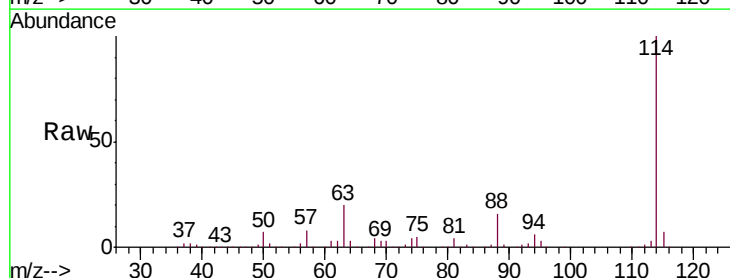
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

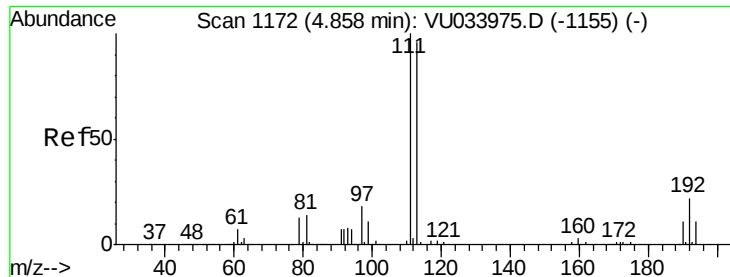
Tgt Ion: 65 Resp: 196253
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Tgt Ion: 114 Resp: 529765
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.6 0.0 31.2

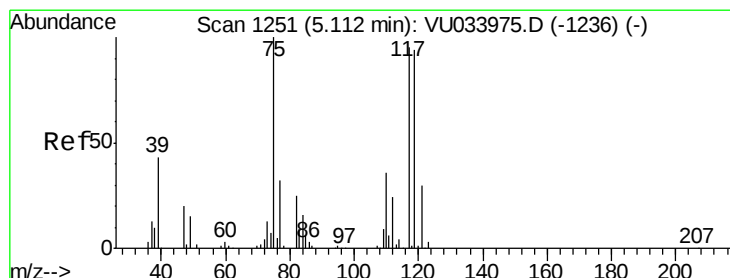
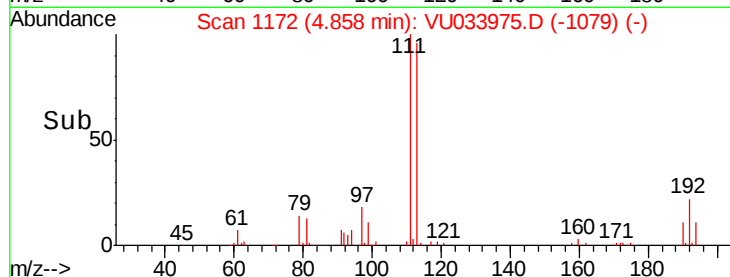
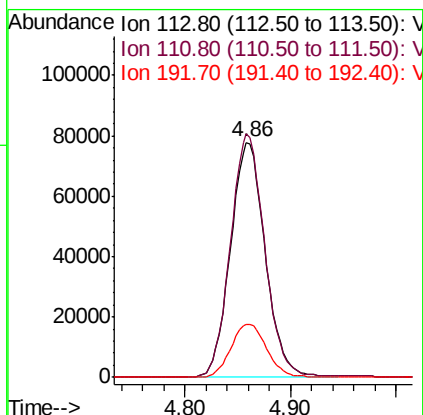
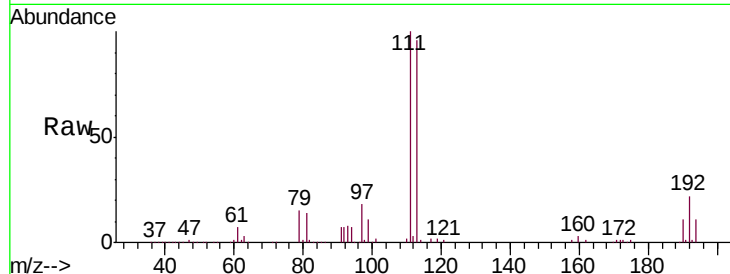




#35
 Dibromofluoromethane
 Concen: 47.634 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

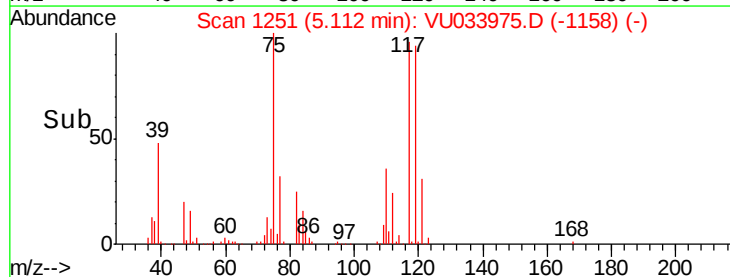
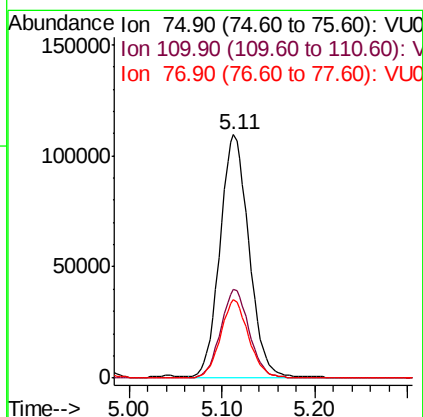
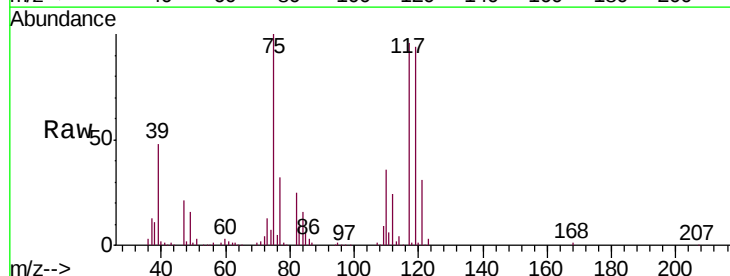
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

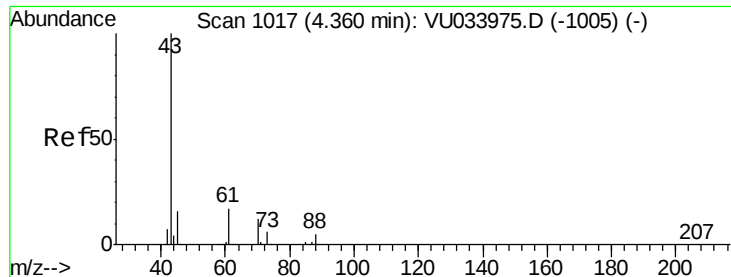
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.7	122.5
192	23.2	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 44.026 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.2	54.6
77	31.0	24.8	37.2

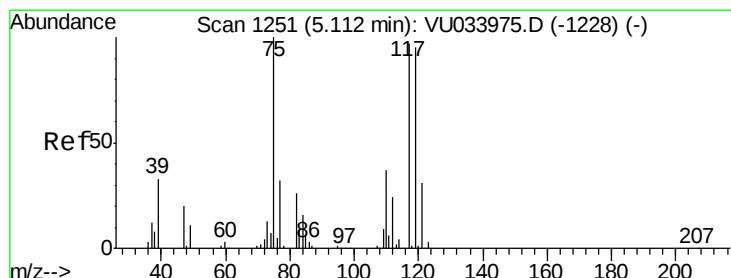
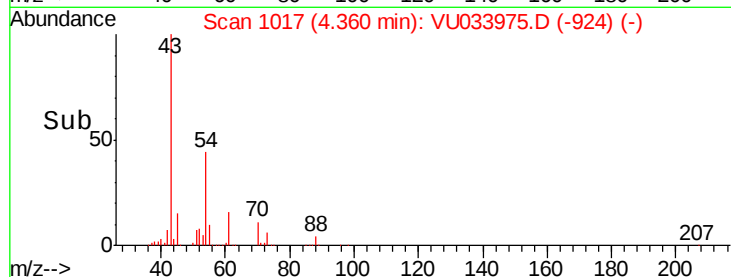
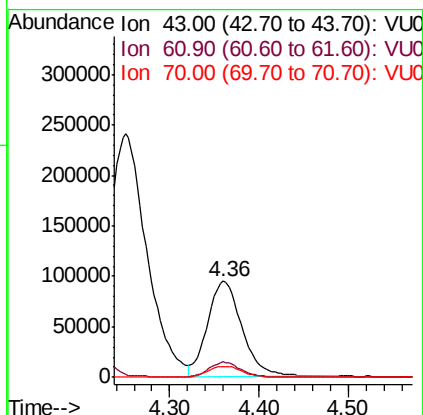
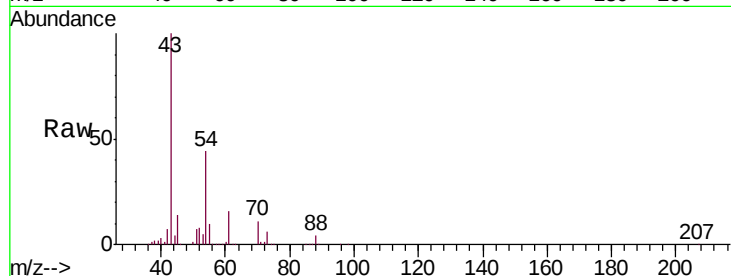




#37
Ethyl Acetate
Concen: 40.703 ug/l
RT: 4.36 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

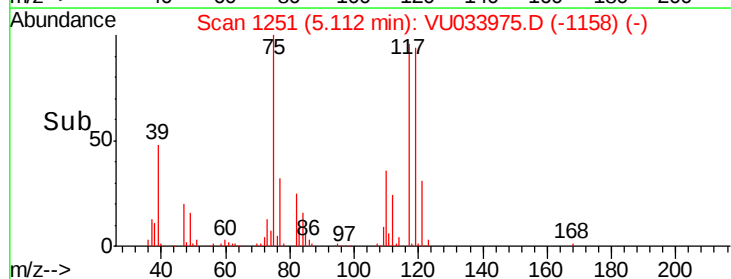
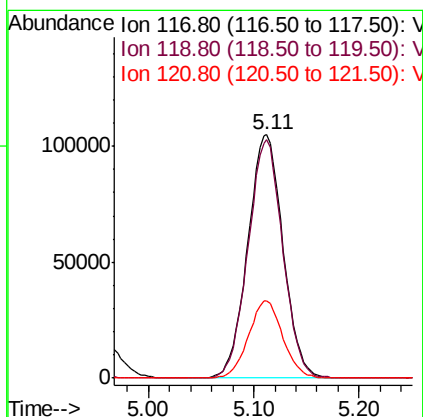
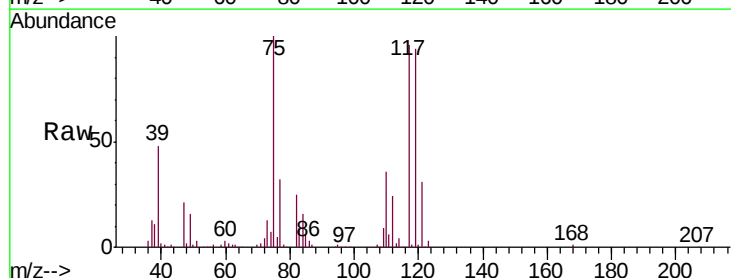
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

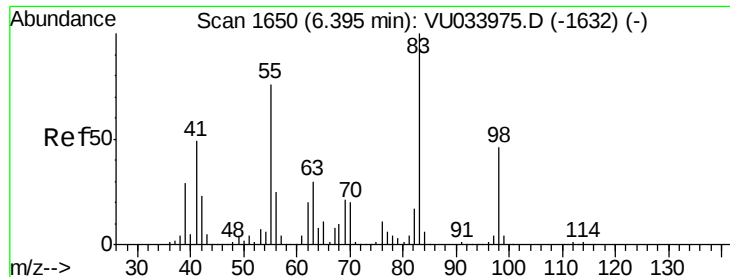
Tgt Ion: 43 Resp: 252906
Ion Ratio Lower Upper
43 100
61 15.0 12.0 18.0
70 11.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 45.131 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion: 117 Resp: 243158
Ion Ratio Lower Upper
117 100
119 98.0 78.4 117.6
121 31.8 25.4 38.2

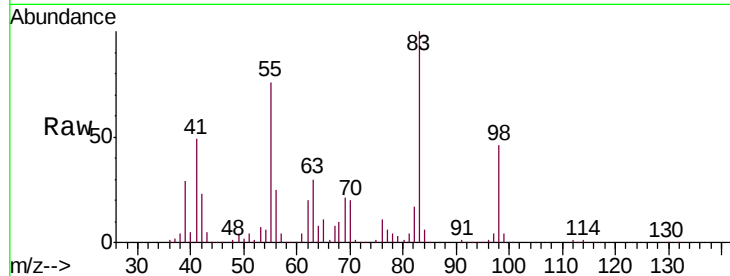




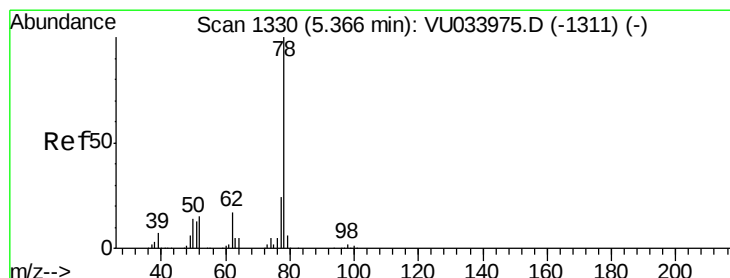
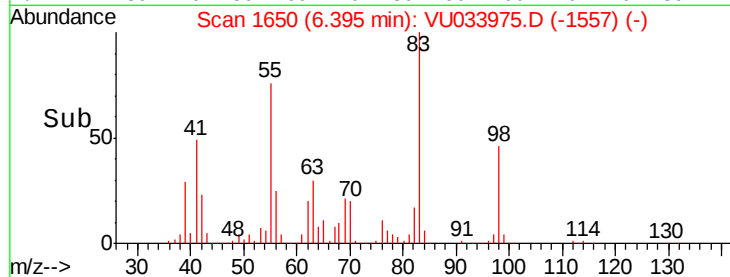
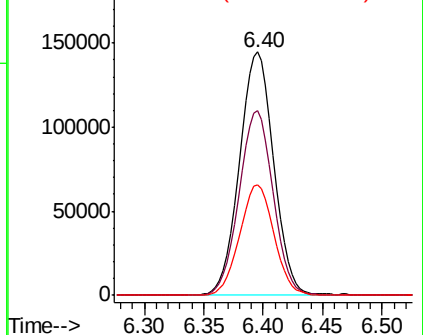
#39
Methylcyclohexane
Concen: 48.531 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 289279
Ion Ratio Lower Upper
83 100
55 76.0 60.8 91.2
98 45.6 36.5 54.7

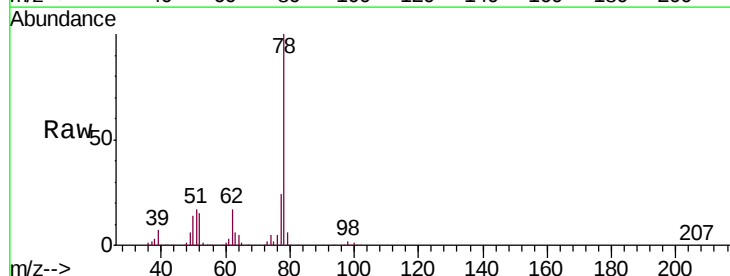


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

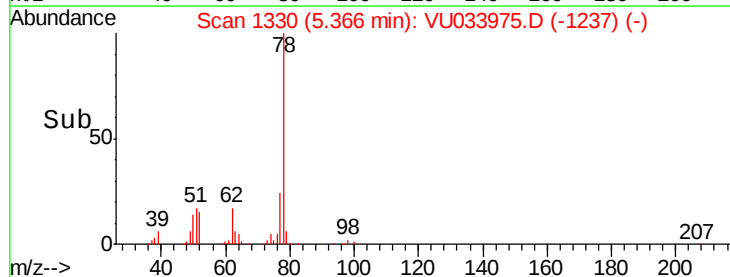
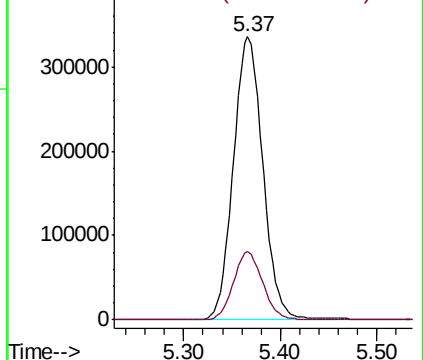


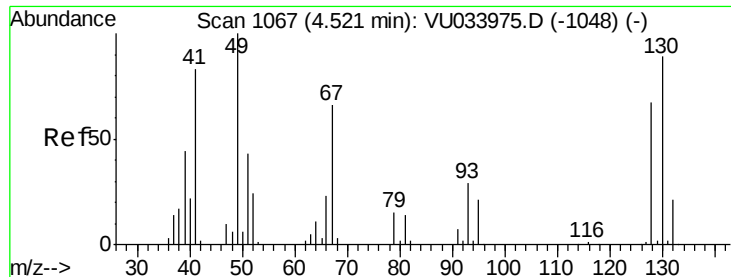
#40
Benzene
Concen: 44.799 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion: 78 Resp: 712808
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#41

Methacrylonitrile

Concen: 42.229 ug/l

RT: 4.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 131643

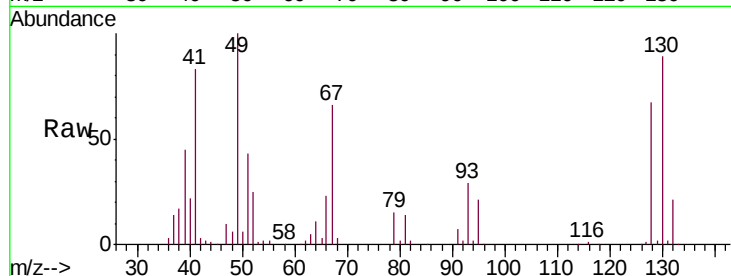
Ion Ratio Lower Upper

41 100

39 51.9 41.5 62.3

67 81.3 65.0 97.6

52 29.1 23.3 34.9

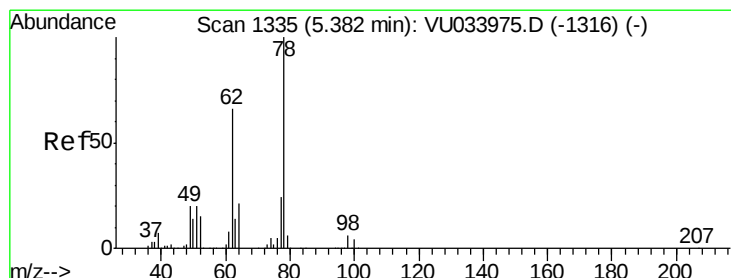
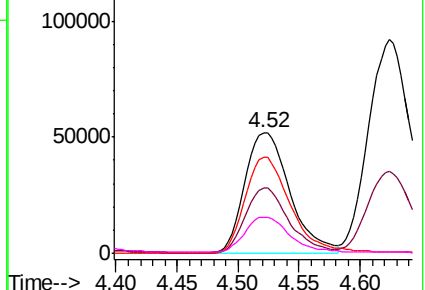
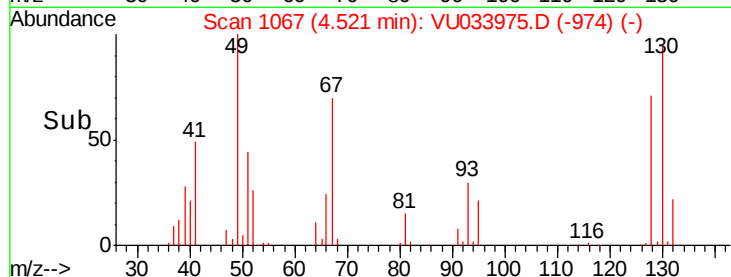


Abundance Ion 41.00 (40.70 to 41.70): VU033975.D (-1048) (-)

Ion 39.00 (38.70 to 39.70): VU033975.D (-1048) (-)

Ion 67.00 (66.70 to 67.70): VU033975.D (-1048) (-)

Ion 52.00 (51.70 to 52.70): VU033975.D (-1048) (-)



#42

1,2-Dichloroethane

Concen: 41.665 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU033975.D

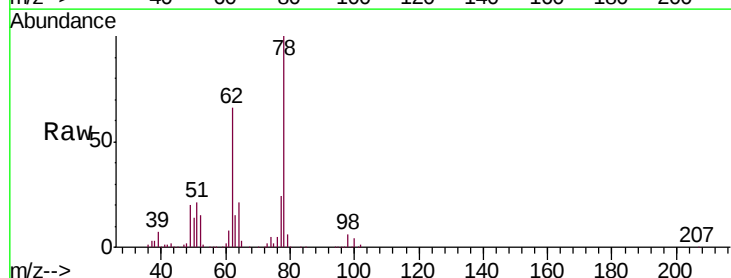
Acq: 27 Aug 2019 15:54

Tgt Ion: 62 Resp: 242295

Ion Ratio Lower Upper

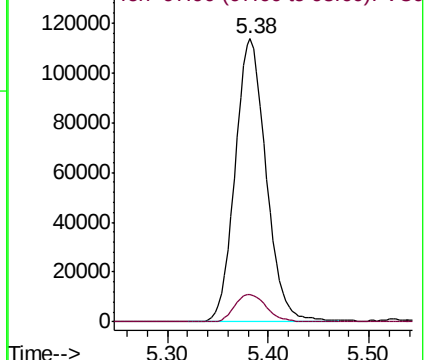
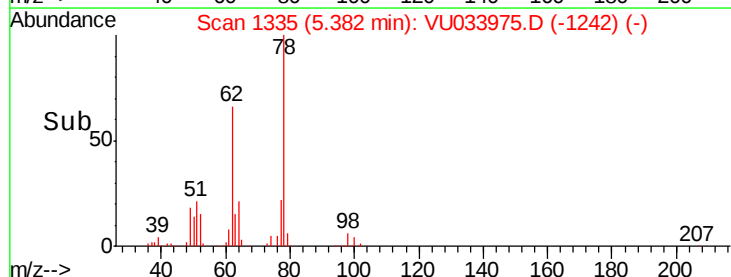
62 100

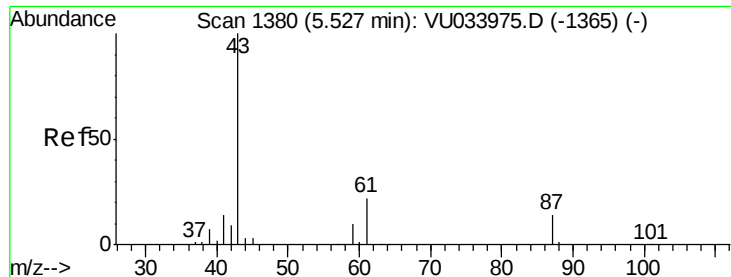
98 10.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VU033975.D (-1316) (-)

Ion 97.90 (97.60 to 98.60): VU033975.D (-1316) (-)





#43

Isopropyl Acetate

Concen: 41.362 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

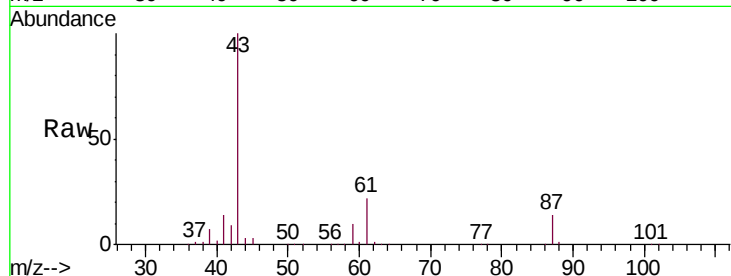
Tgt Ion: 43 Resp: 375891

Ion Ratio Lower Upper

43 100

61 22.3 17.8 26.8

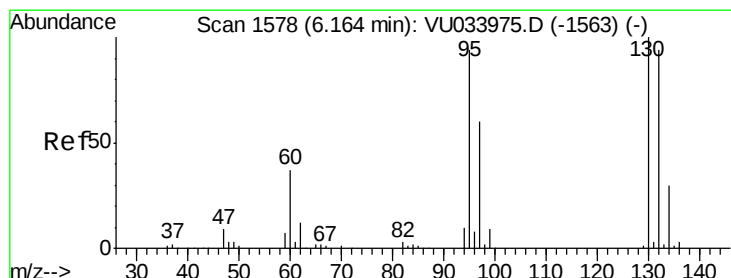
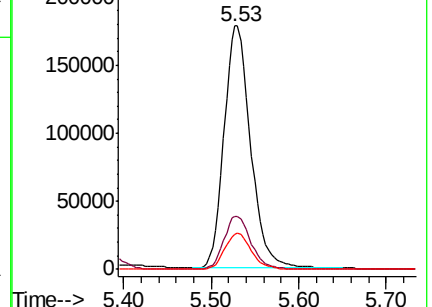
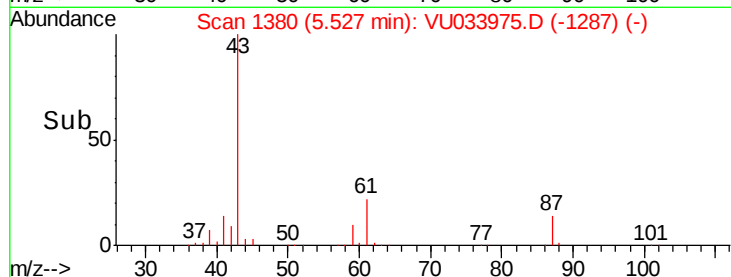
87 14.9 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU033975.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU033975.D (-1365) (-)



#44

Trichloroethene

Concen: 47.855 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033975.D

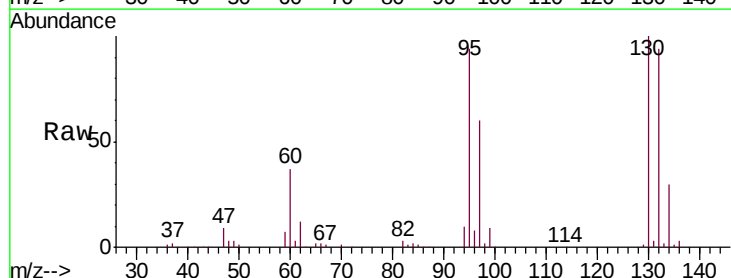
Acq: 27 Aug 2019 15:54

Tgt Ion: 130 Resp: 201106

Ion Ratio Lower Upper

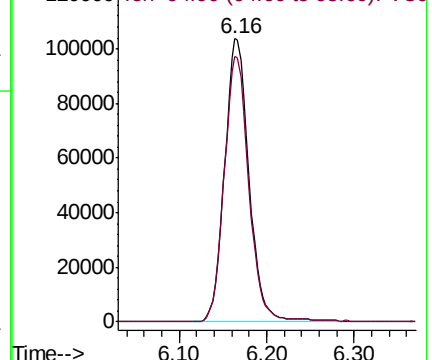
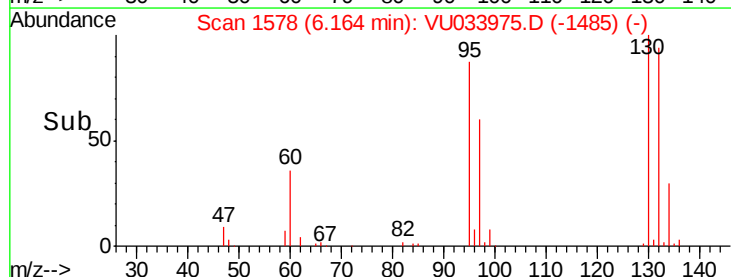
130 100

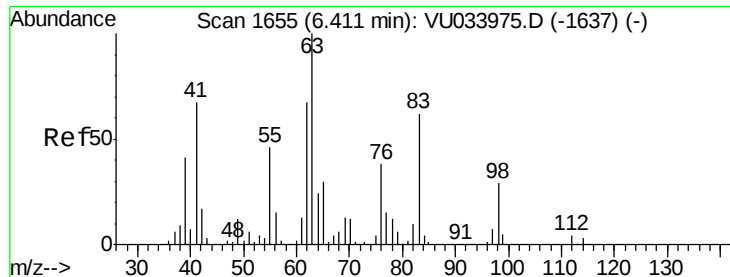
95 93.8 0.0 187.6



Abundance Ion 129.80 (129.50 to 130.50): VU033975.D (-1563) (-)

Ion 94.90 (94.60 to 95.60): VU033975.D (-1563) (-)

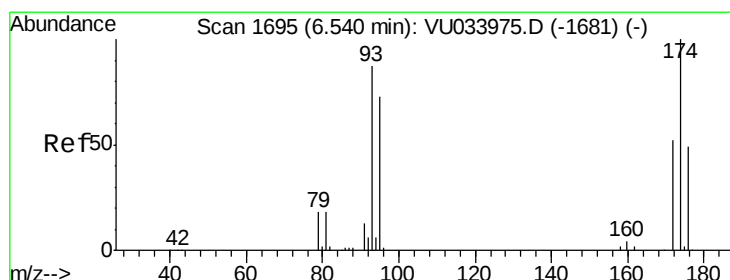
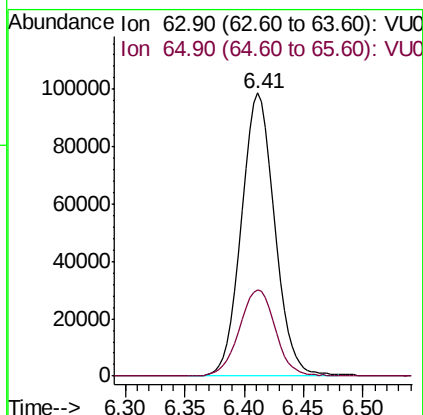
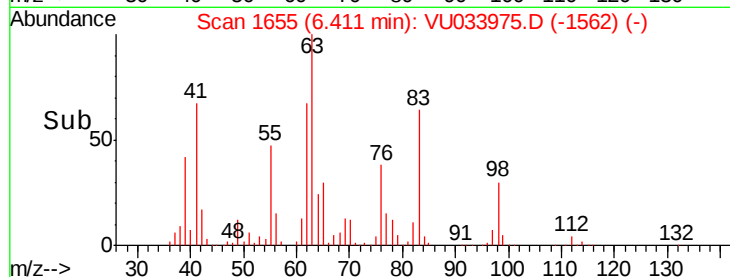
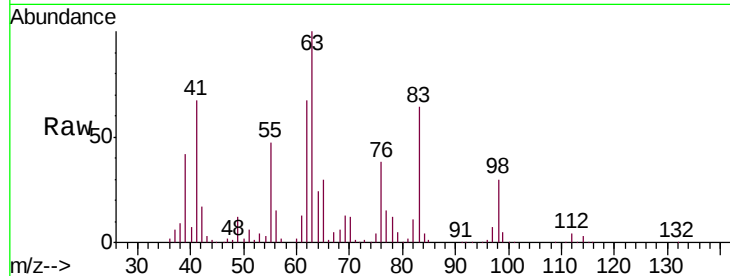




#45
 1,2-Dichloropropane
 Concen: 43.742 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

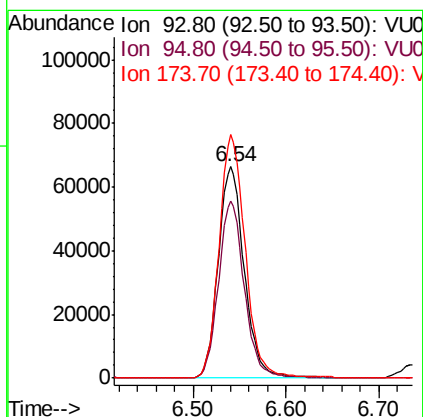
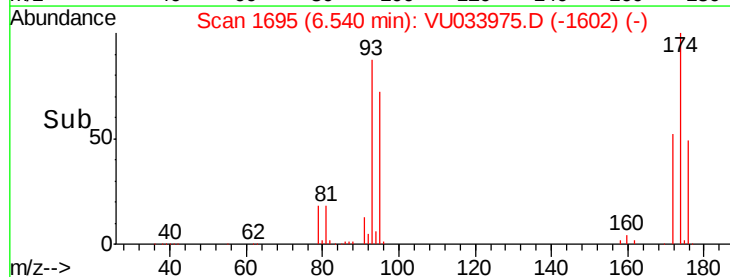
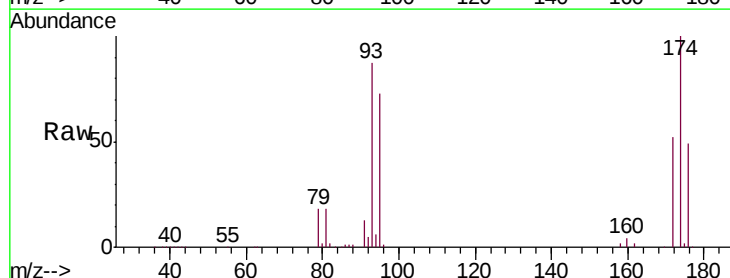
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

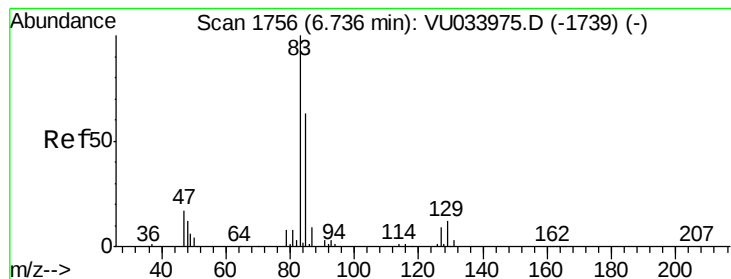
Tgt Ion: 63 Resp: 191930
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5



#46
 Dibromomethane
 Concen: 45.542 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Tgt Ion: 93 Resp: 129654
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.2 99.4
 174 115.2 92.2 138.2





#47

Bromodichloromethane

Concen: 43.579 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

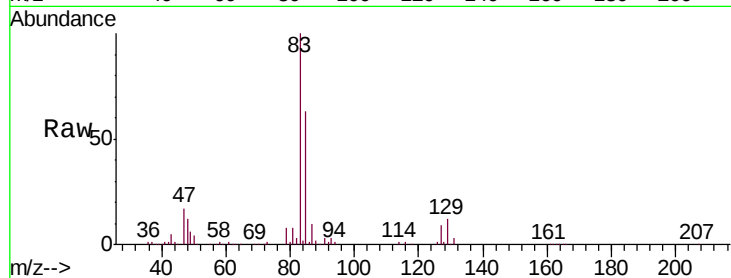
Tgt Ion: 83 Resp: 248895

Ion Ratio Lower Upper

83 100

85 63.3 50.6 76.0

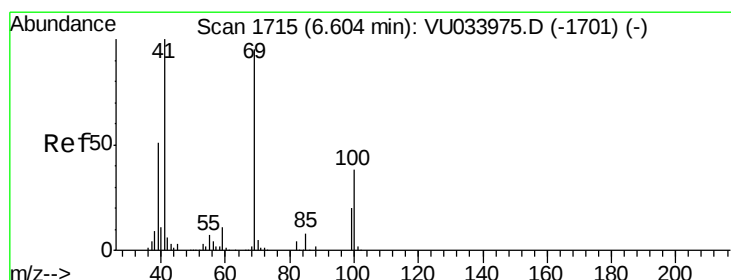
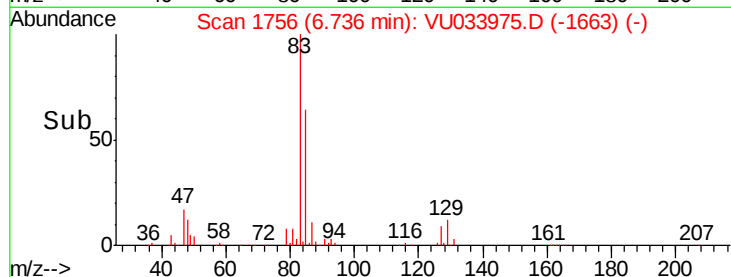
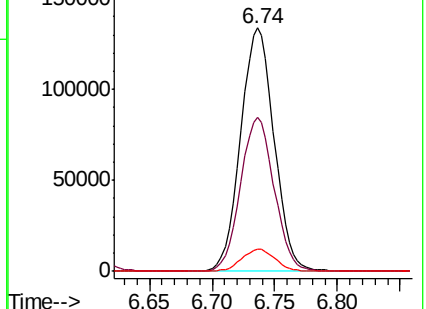
127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VU033975.D (-1739) (-)

Ion 84.90 (84.60 to 85.60): VU033975.D (-1739) (-)

Ion 126.80 (126.50 to 127.50): VU033975.D (-1739) (-)



#48

Methyl methacrylate

Concen: 43.715 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

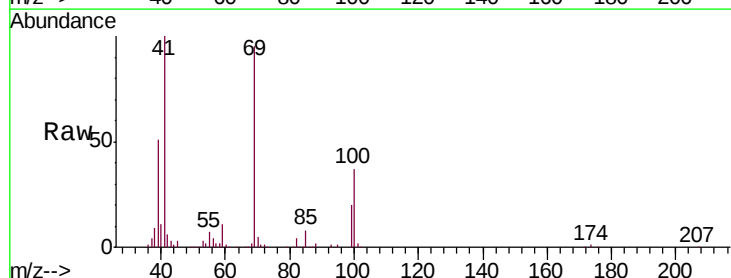
Tgt Ion: 41 Resp: 178506

Ion Ratio Lower Upper

41 100

69 95.4 76.3 114.5

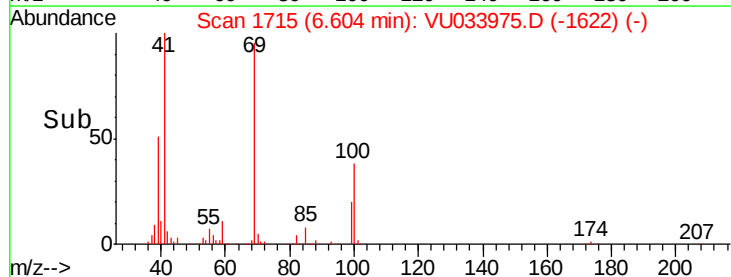
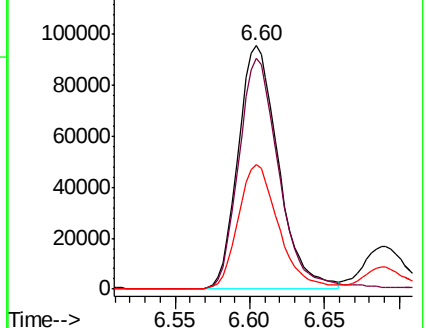
39 51.4 41.1 61.7

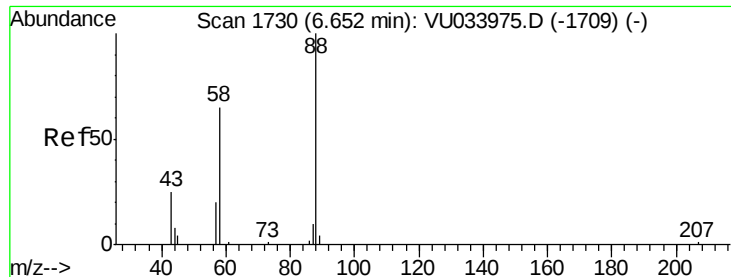


Abundance Ion 41.00 (40.70 to 41.70): VU033975.D (-1701) (-)

Ion 69.00 (68.70 to 69.70): VU033975.D (-1701) (-)

Ion 39.00 (38.70 to 39.70): VU033975.D (-1701) (-)

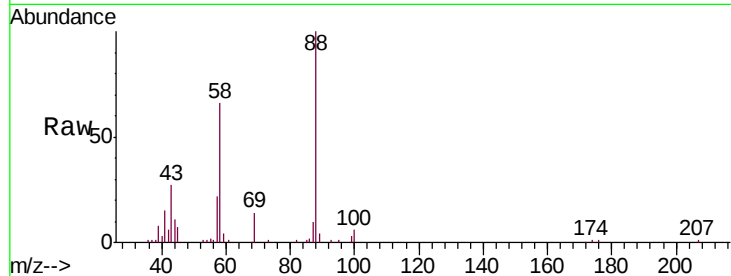




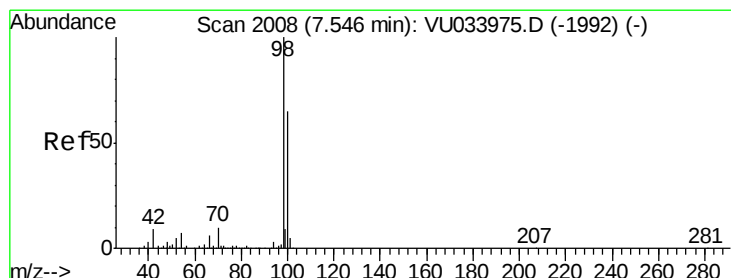
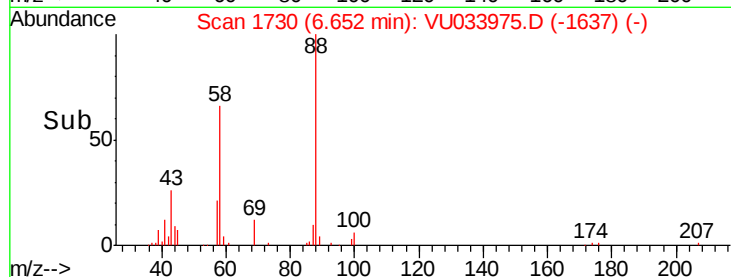
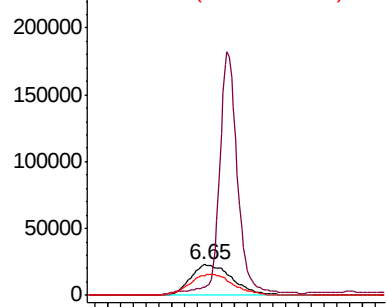
#49
1,4-Dioxane
Concen: 1095.358 ug/l
RT: 6.65 min Scan# 1730
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 105625
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.8 56.6 85.0

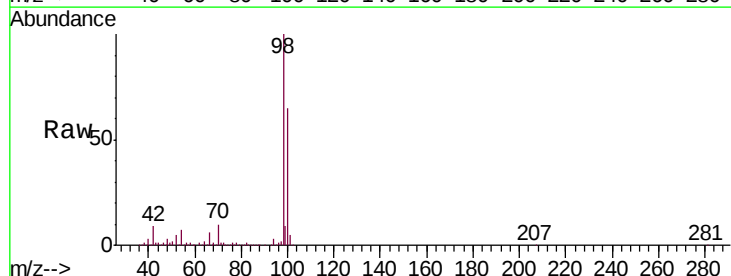


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

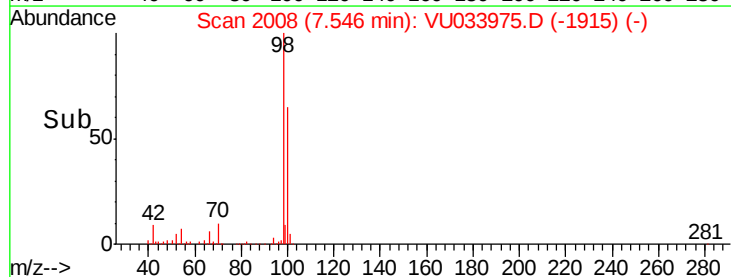
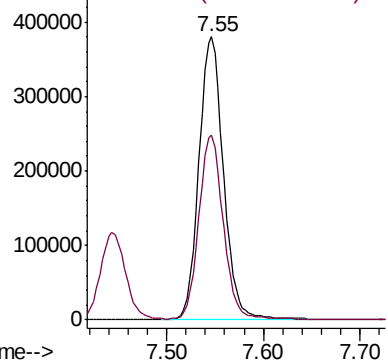


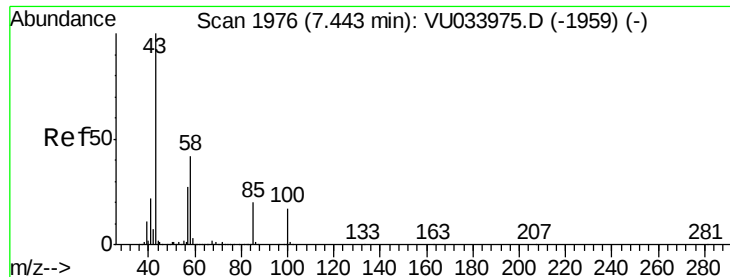
#50
Toluene-d8
Concen: 48.885 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion: 98 Resp: 673050
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

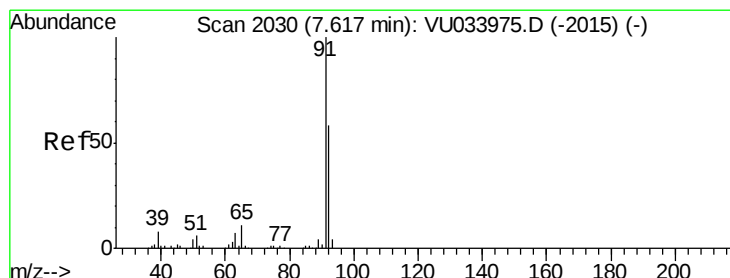
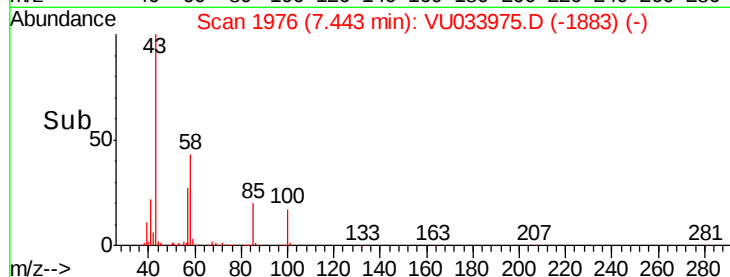
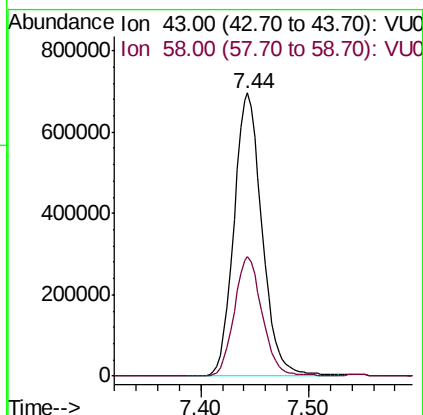
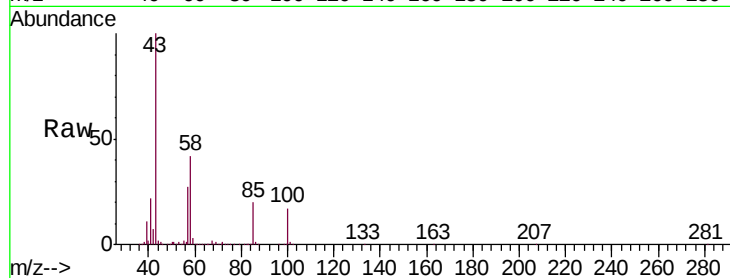




#51
 4-Methyl-2-Pentanone
 Concen: 205.510 ug/l
 RT: 7.44 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

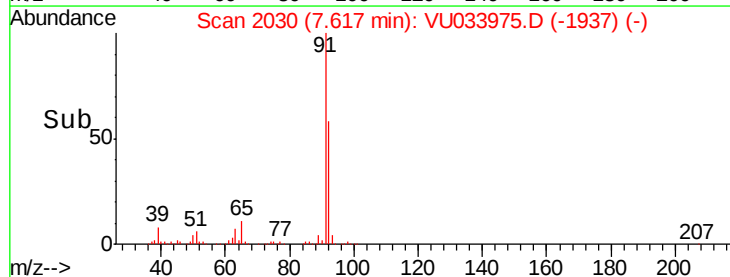
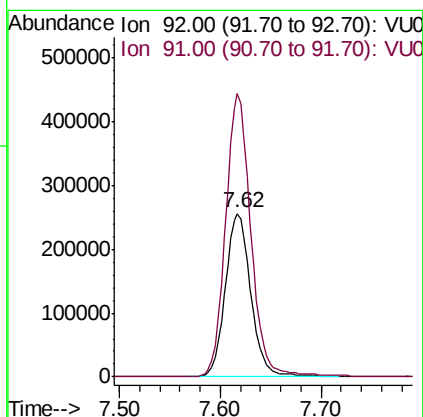
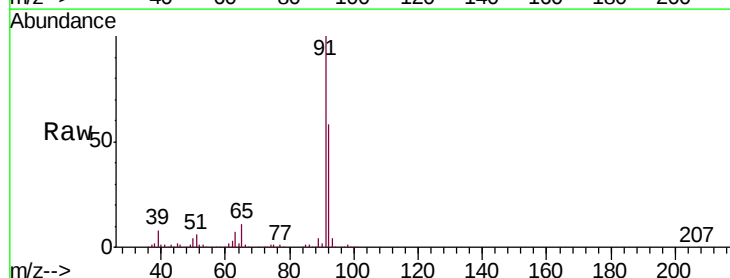
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

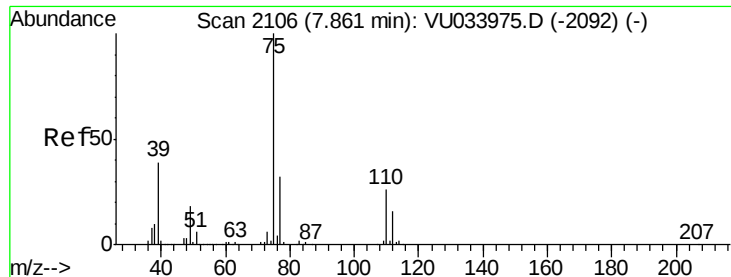
Tgt Ion: 43 Resp: 1264860
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.6 50.4



#52
 Toluene
 Concen: 48.740 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Tgt Ion: 92 Resp: 452966
 Ion Ratio Lower Upper
 92 100
 91 173.5 138.8 208.2

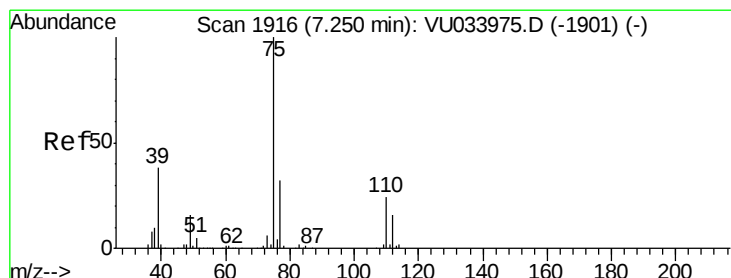
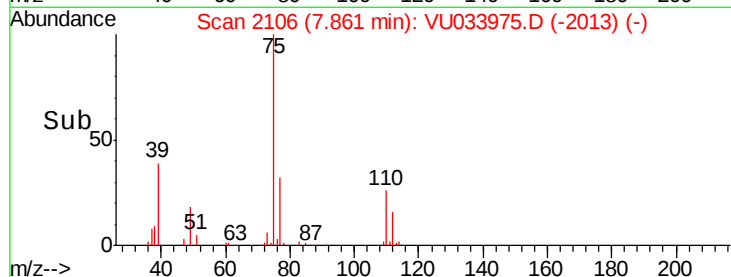
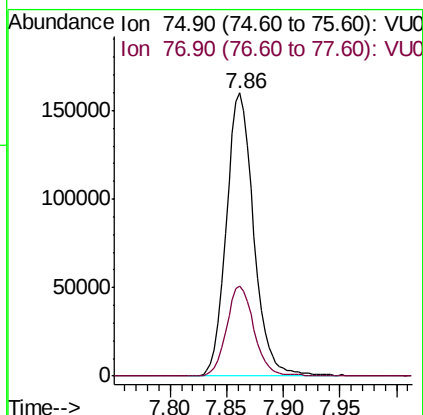
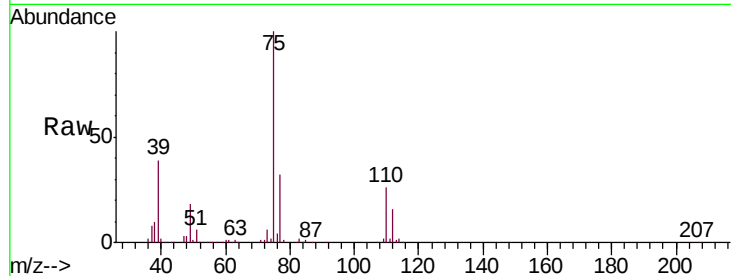




#53
t-1,3-Dichloropropene
Concen: 45.718 ug/l
RT: 7.86 min Scan# 2106
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

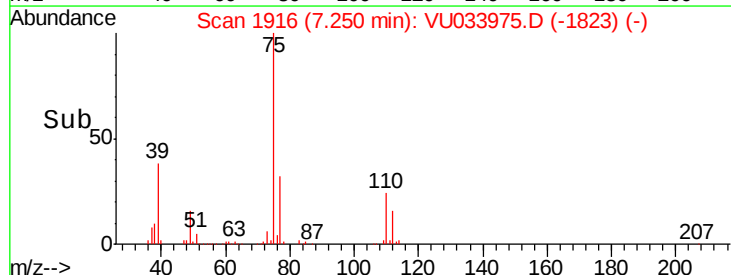
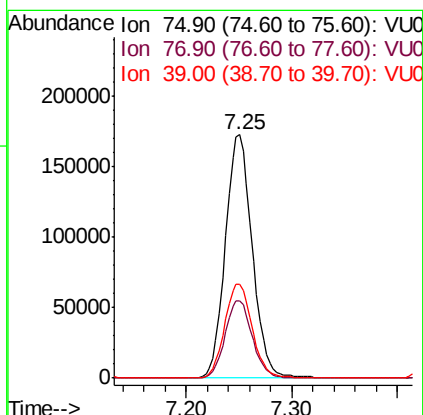
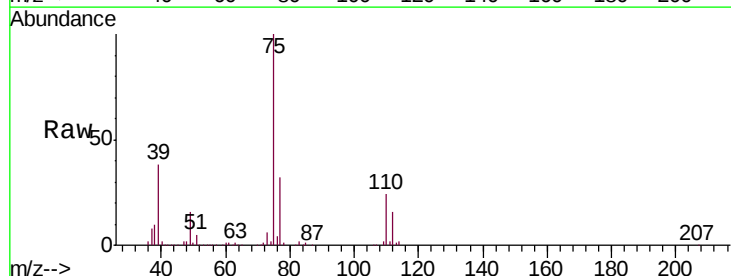
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

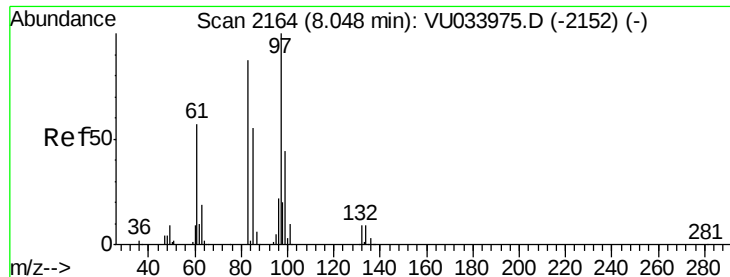
Tgt Ion: 75 Resp: 270476
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 46.136 ug/l
RT: 7.25 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion: 75 Resp: 304088
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 38.4 30.7 46.1

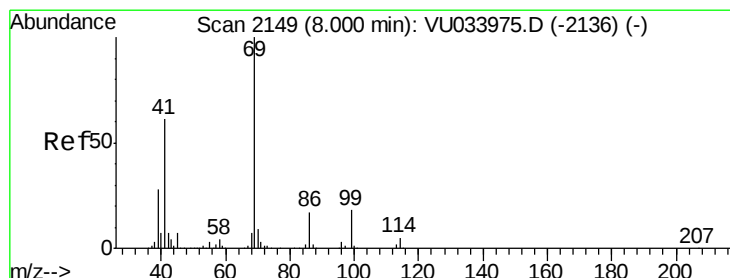
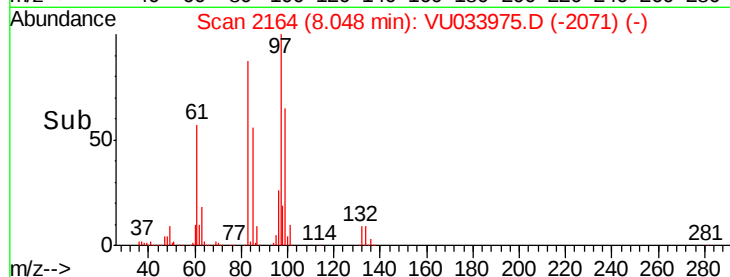
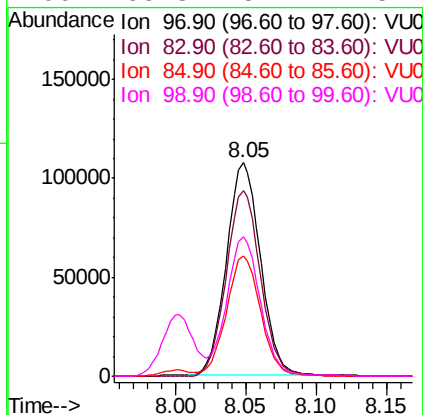
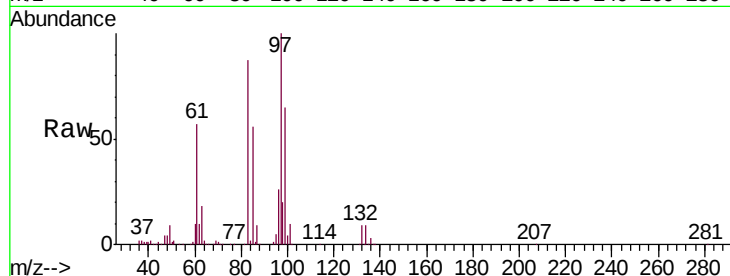




#55
 1,1,2-Trichloroethane
 Concen: 44.426 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

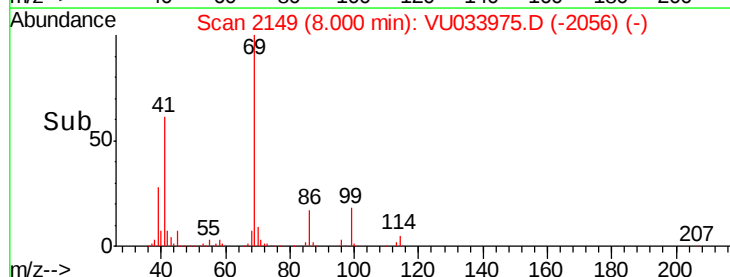
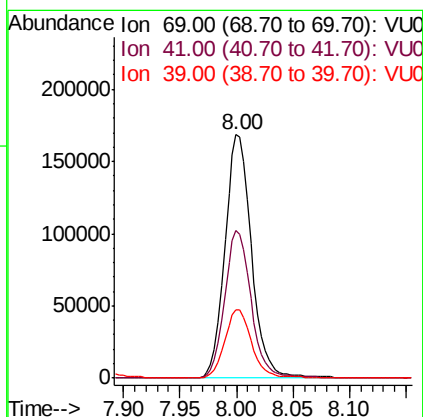
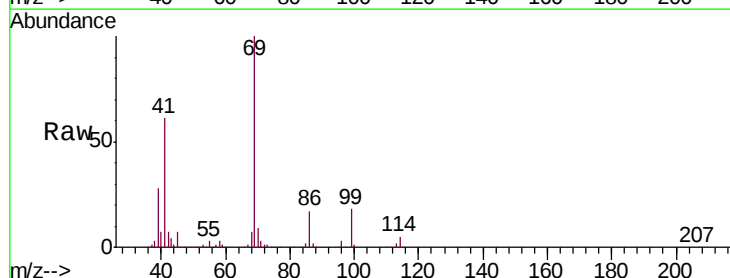
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

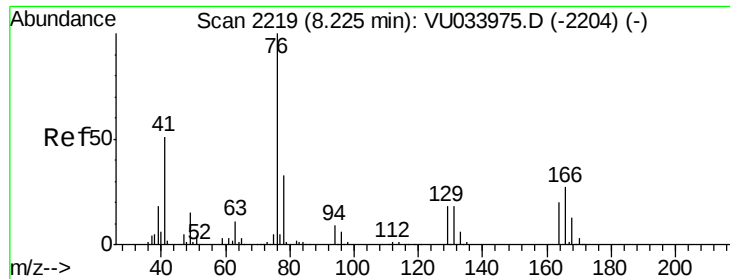
Tgt Ion:	97	Resp:	181042
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.8	104.6
85	56.5	45.2	67.8
99	65.3	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 49.879 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Tgt Ion:	69	Resp:	276131
Ion	Ratio	Lower	Upper
69	100		
41	60.7	48.6	72.8
39	28.0	22.4	33.6

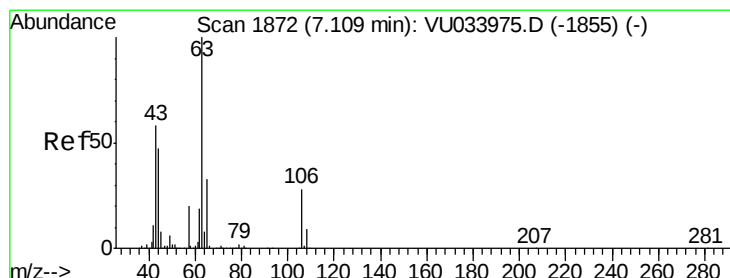
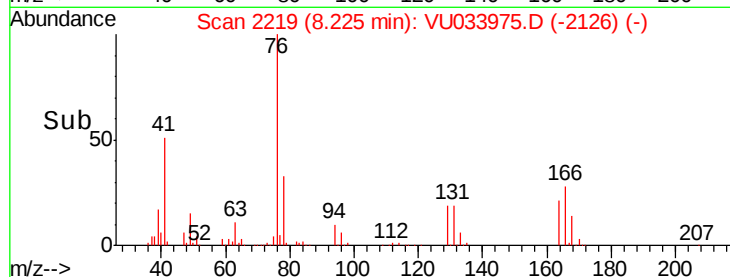
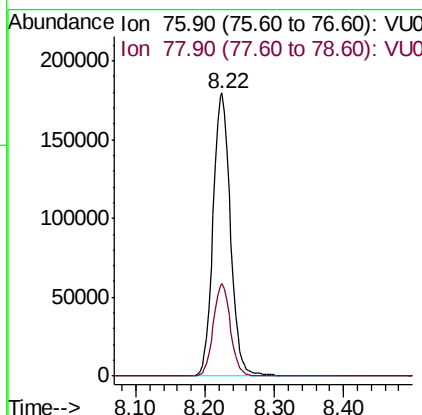
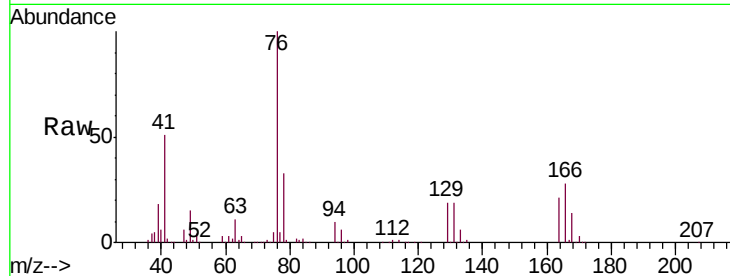




#57
 1,3-Dichloropropane
 Concen: 44.175 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

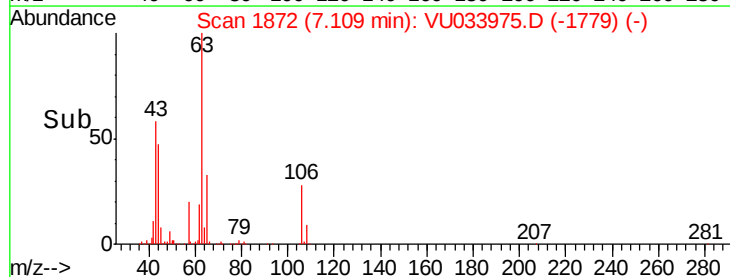
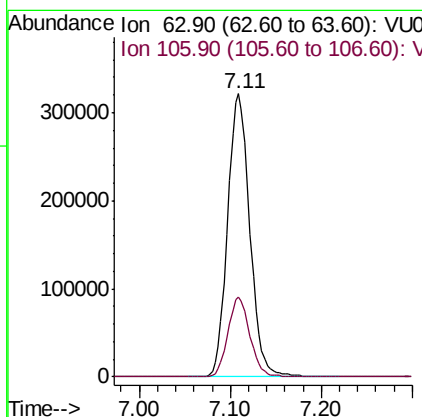
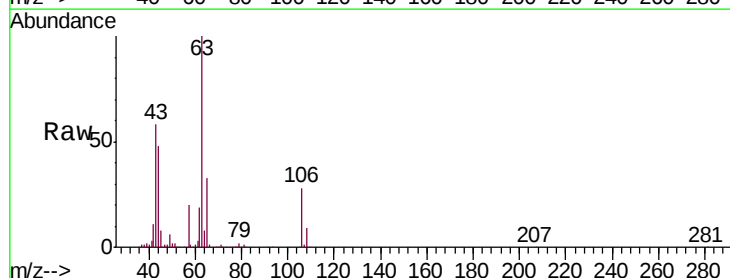
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

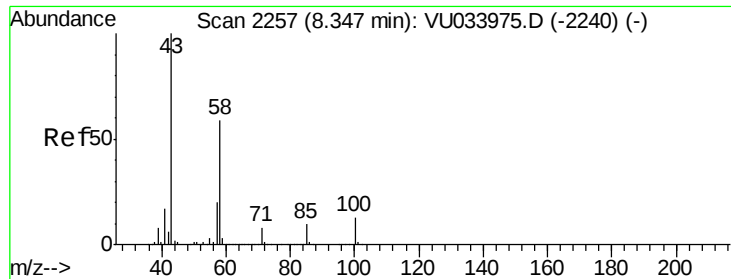
Tgt Ion: 76 Resp: 311222
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.183 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Tgt Ion: 63 Resp: 545792
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.4 33.6

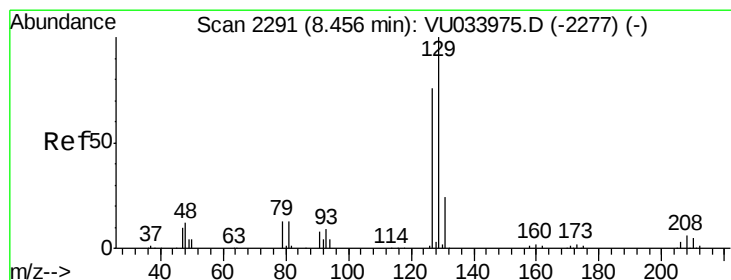
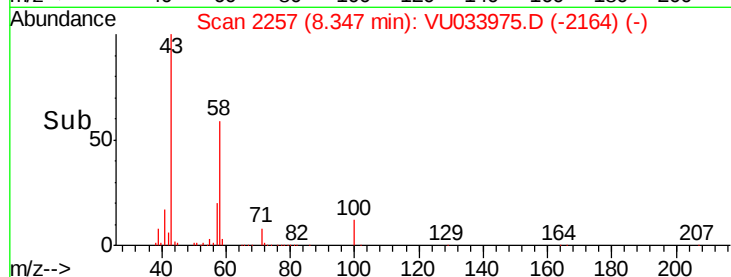
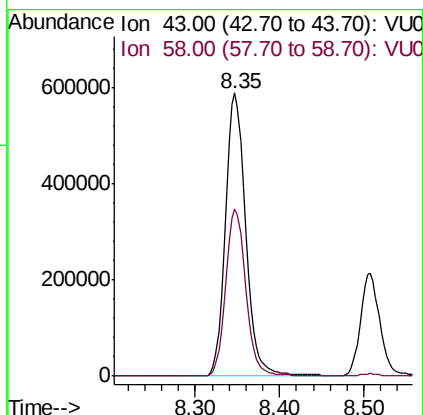
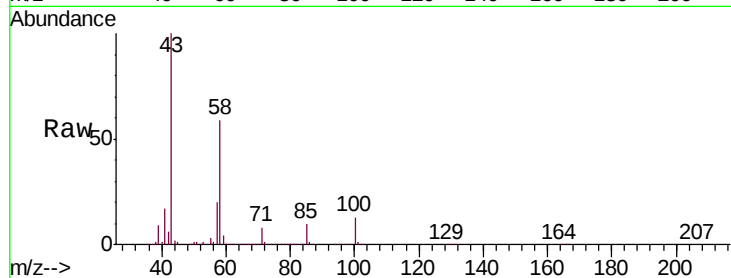




#59
2-Hexanone
Concen: 209.487 ug/l
RT: 8.35 min Scan# 2257
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

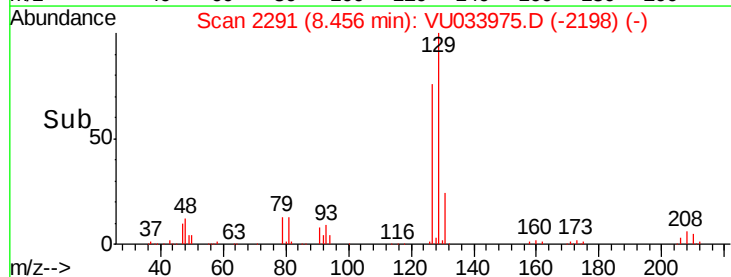
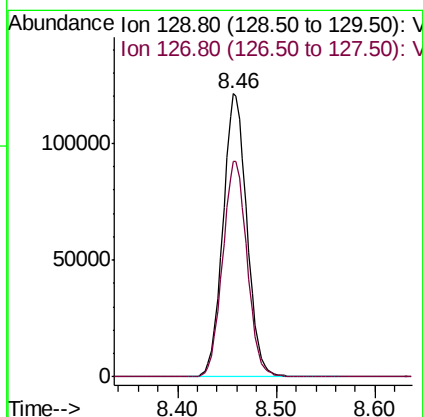
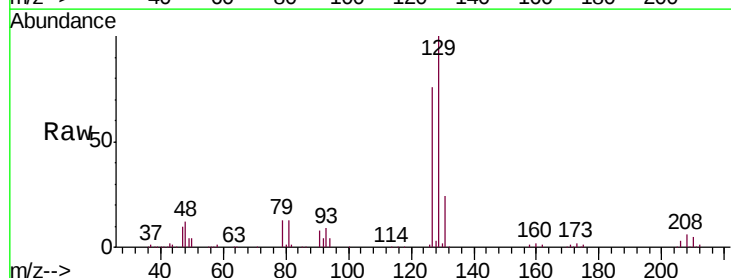
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

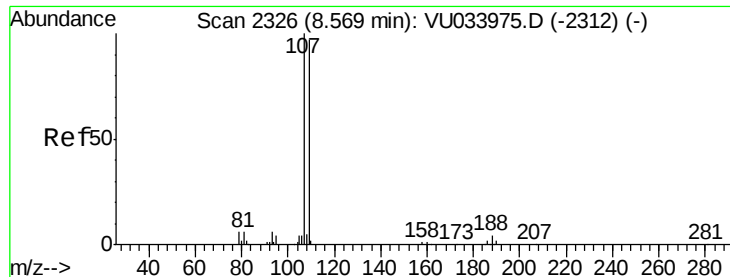
Tgt Ion: 43 Resp: 983232
Ion Ratio Lower Upper
43 100
58 59.1 29.5 88.6



#60
Dibromochloromethane
Concen: 48.079 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion: 129 Resp: 206805
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

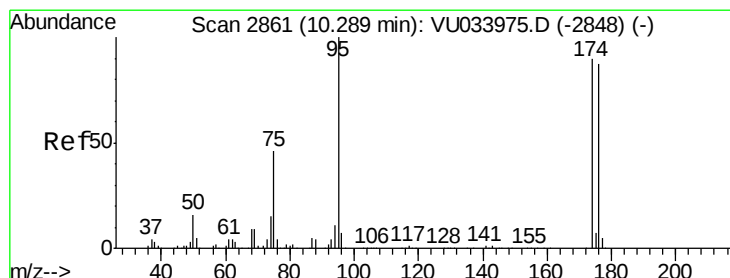
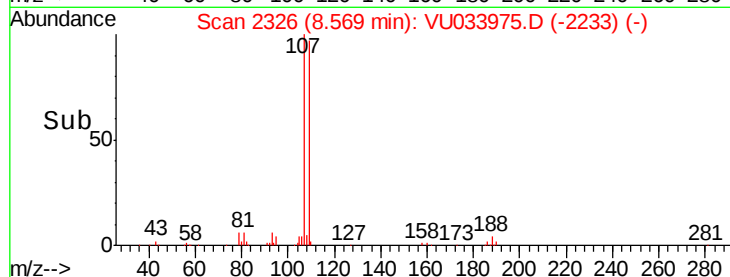
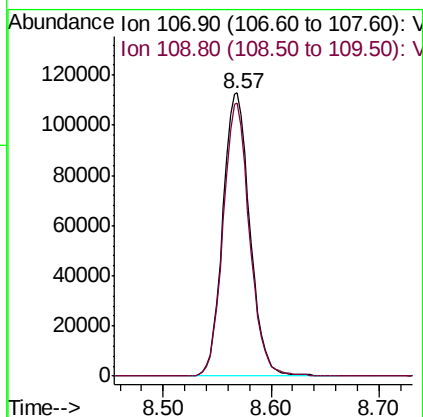
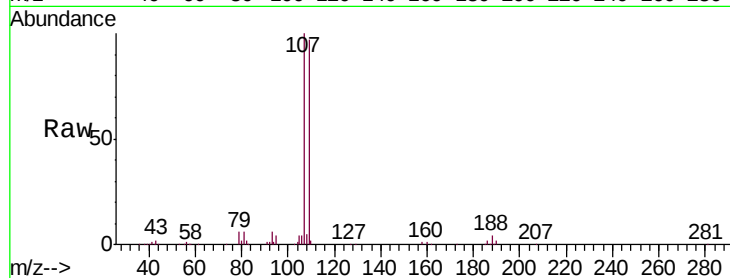




#61
 1,2-Dibromoethane
 Concen: 46.546 ug/l
 RT: 8.57 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

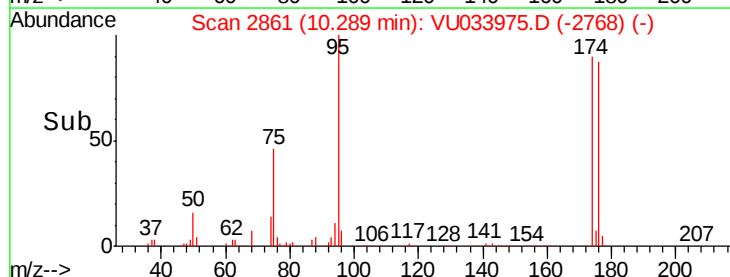
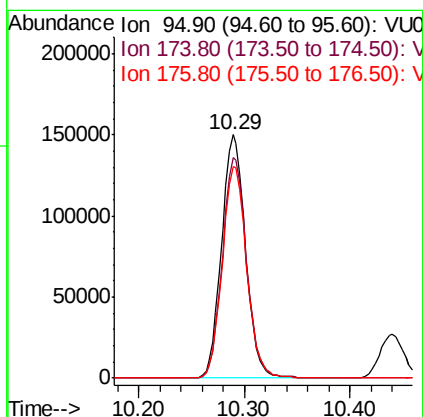
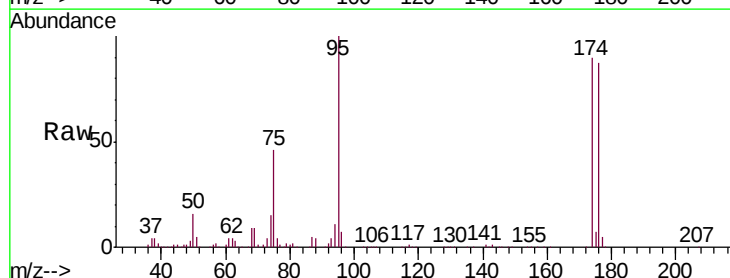
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

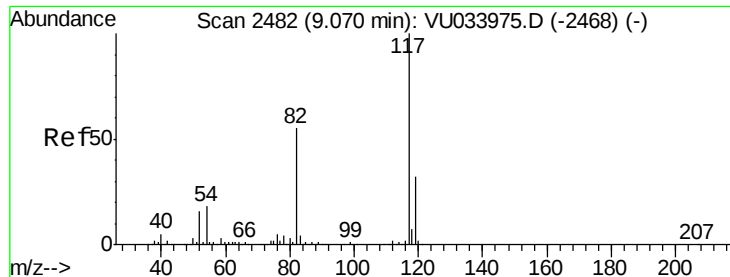
Tgt Ion: 107 Resp: 197160
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 44.871 ug/l
 RT: 10.29 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Tgt Ion: 95 Resp: 235984
 Ion Ratio Lower Upper
 95 100
 174 91.9 0.0 183.8
 176 88.2 0.0 176.4

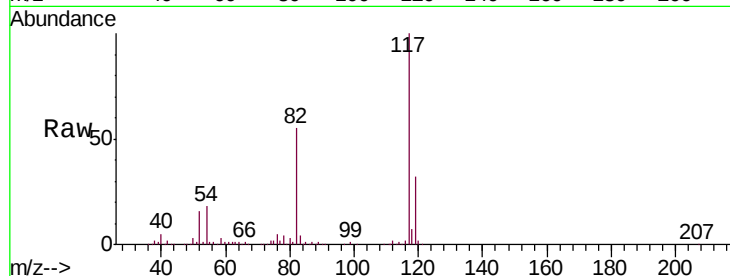




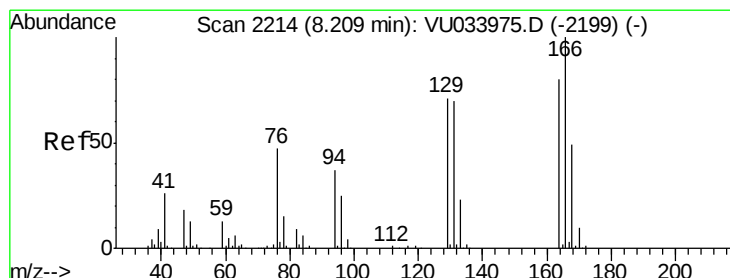
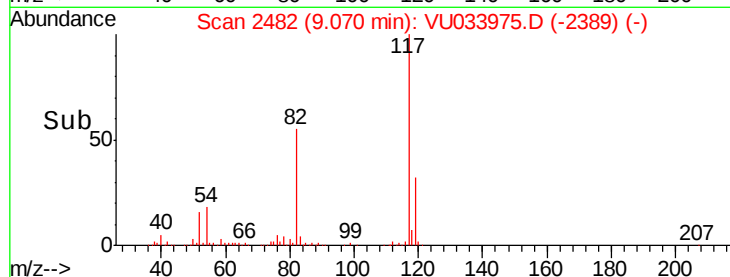
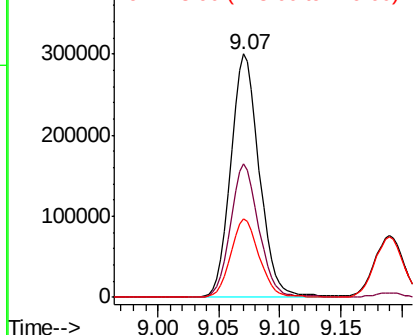
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 490222
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 32.1 25.7 38.5

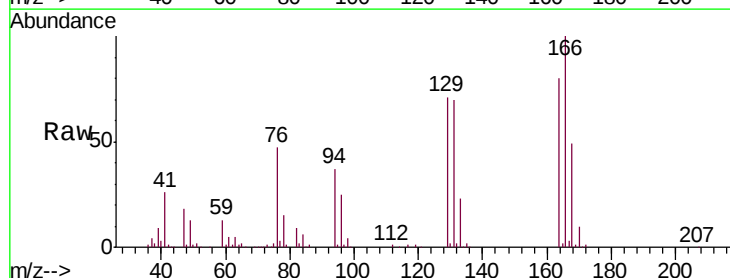


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

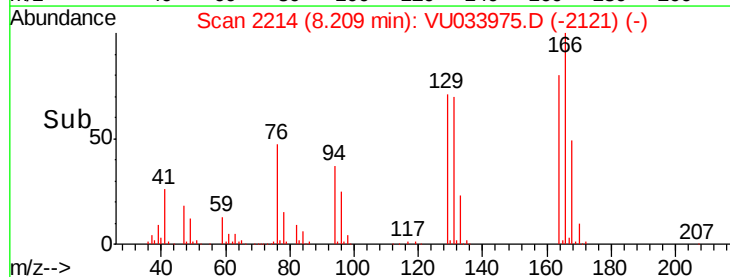
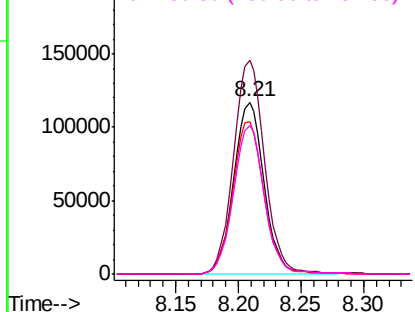


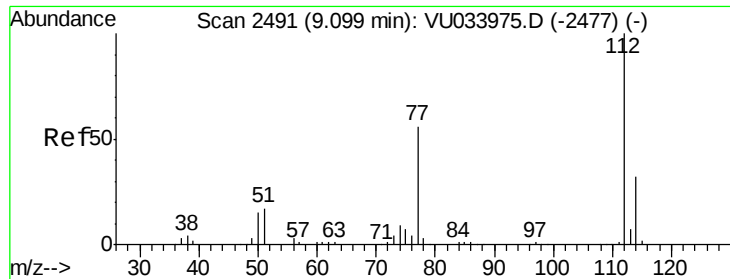
#64
Tetrachloroethene
Concen: 54.711 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion:164 Resp: 198023
Ion Ratio Lower Upper
164 100
166 124.4 99.5 149.3
129 88.6 70.9 106.3
131 86.8 69.4 104.2



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

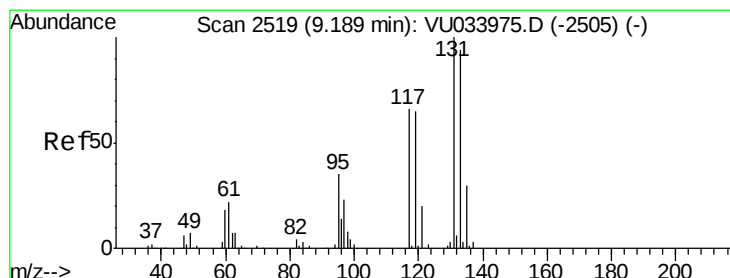
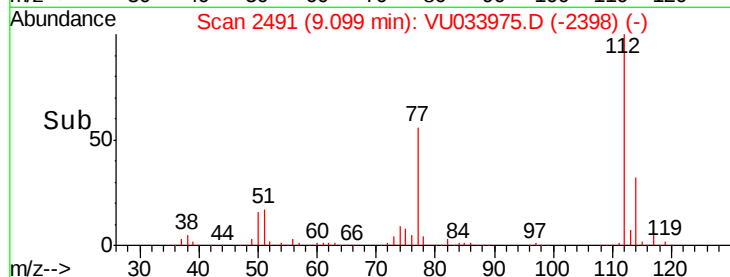
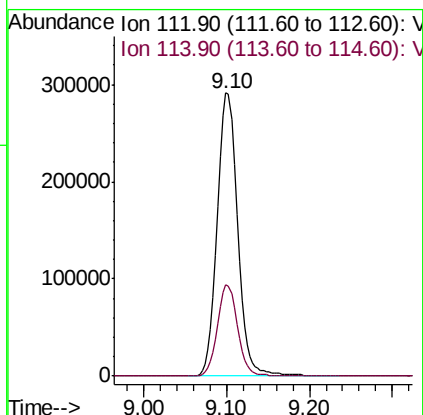
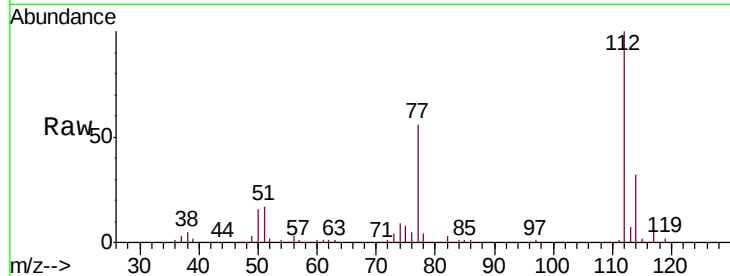




#65
Chlorobenzene
Concen: 49.196 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

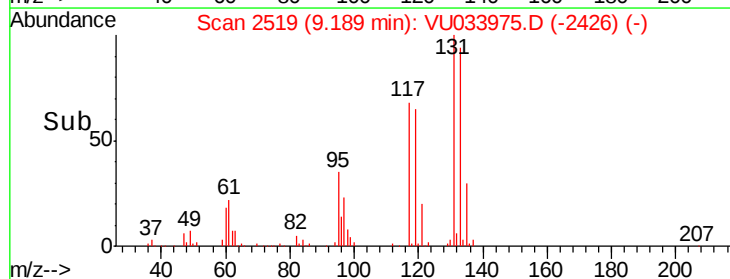
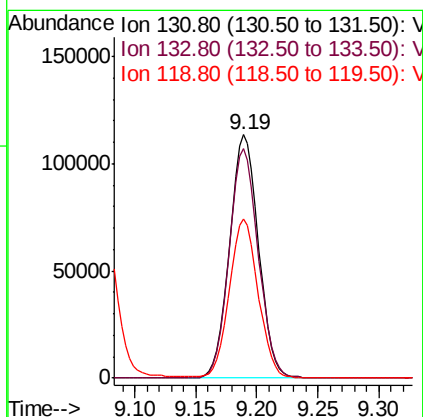
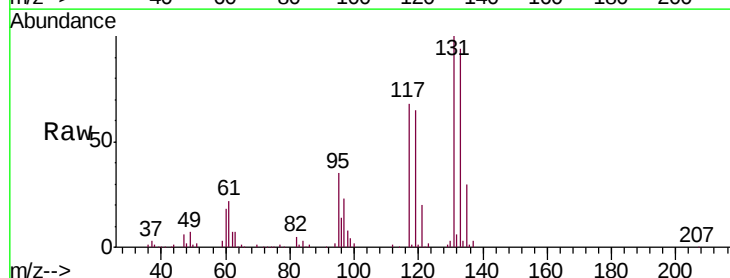
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

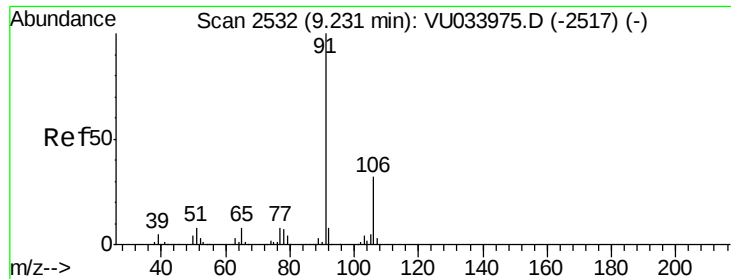
Tgt Ion:112 Resp: 497794
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.012 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion:131 Resp: 187836
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 65.9 33.0 98.9





#67

Ethyl Benzene

Concen: 51.462 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

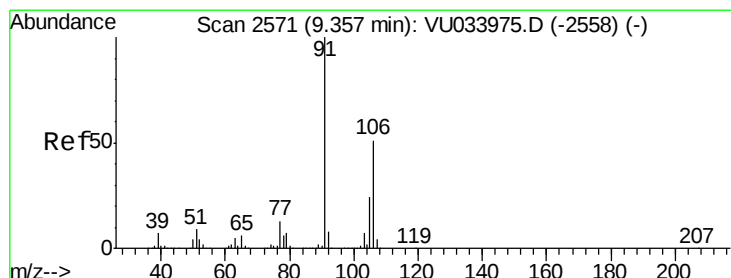
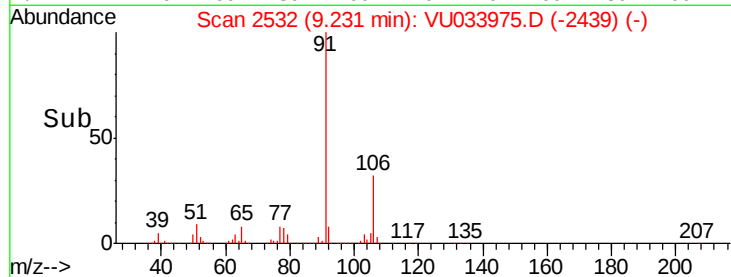
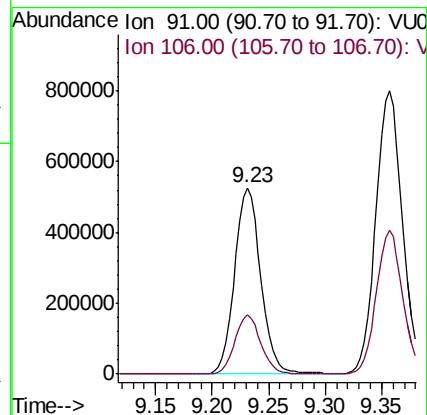
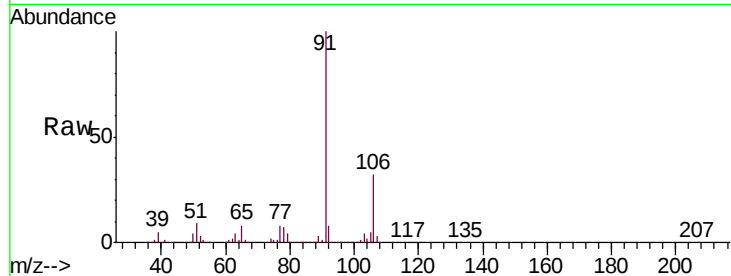
VSTDICCC050

Tgt Ion: 91 Resp: 850242

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0



#68

m/p-Xylenes

Concen: 108.589 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU033975.D

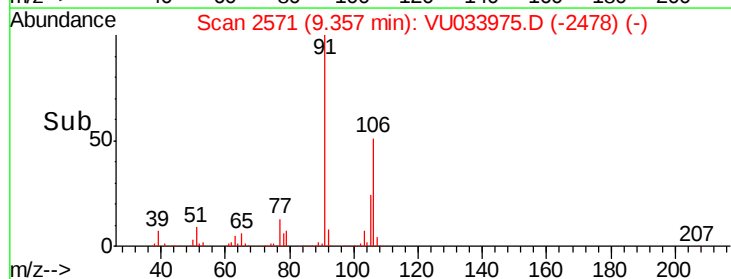
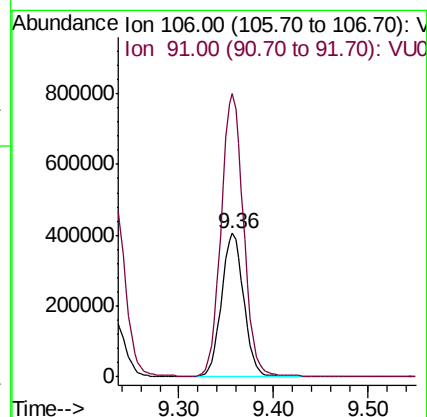
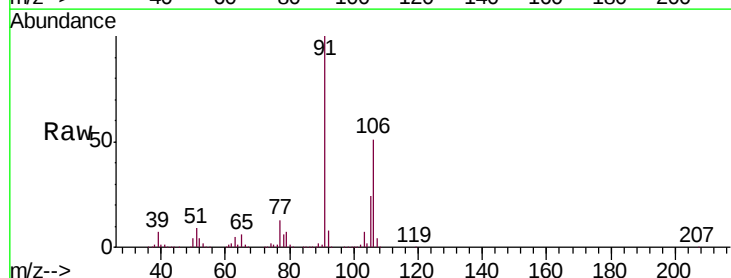
Acq: 27 Aug 2019 15:54

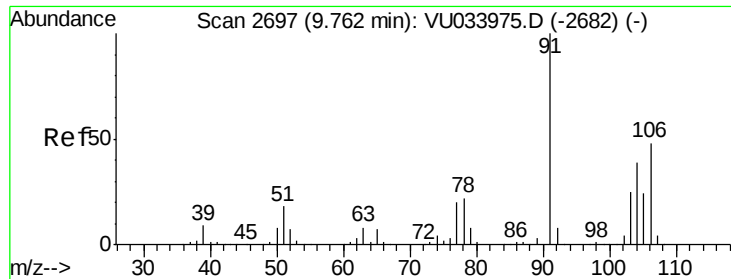
Tgt Ion: 106 Resp: 664128

Ion Ratio Lower Upper

106 100

91 198.0 158.4 237.6

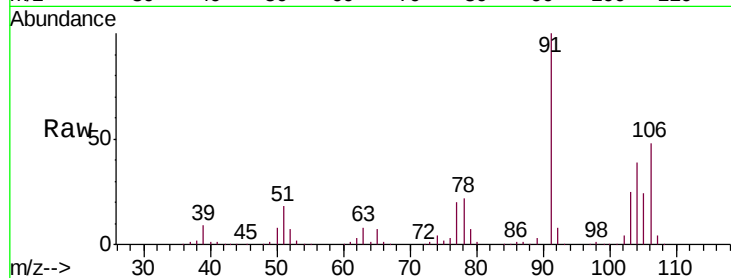




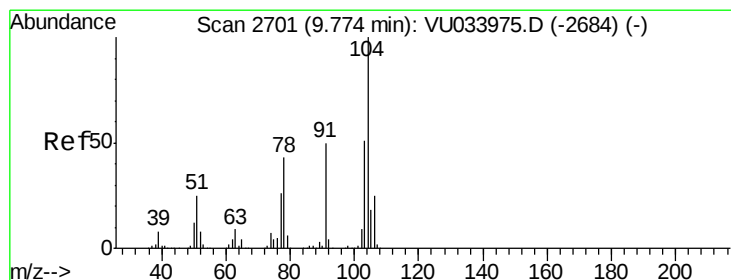
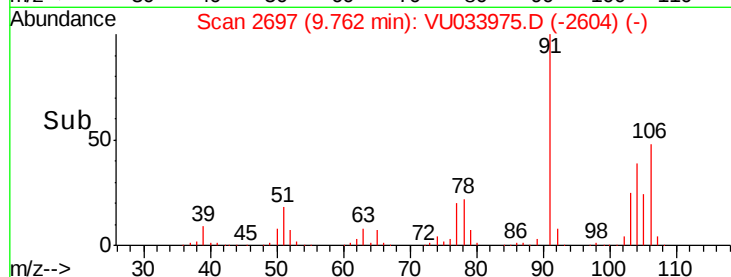
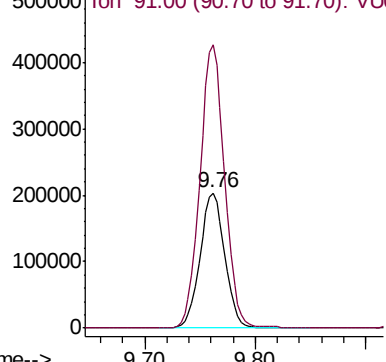
#69
o-Xylene
Concen: 53.984 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 315795
Ion Ratio Lower Upper
106 100
91 208.9 104.5 313.3

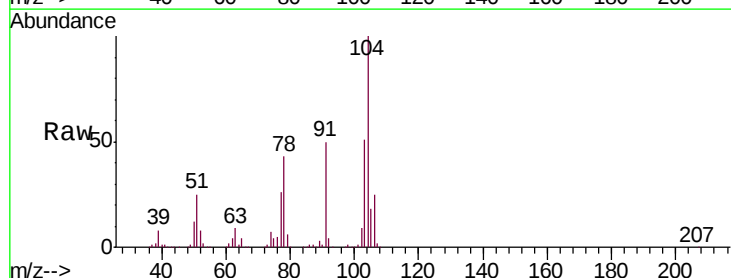


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

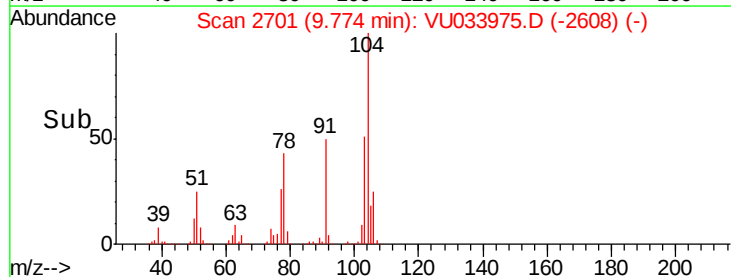
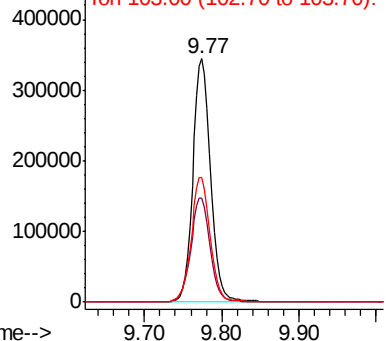


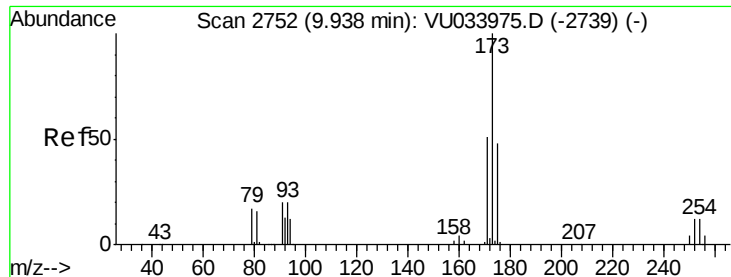
#70
Styrene
Concen: 54.647 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion:104 Resp: 552219
Ion Ratio Lower Upper
104 100
78 46.9 37.5 56.3
103 54.9 43.9 65.9



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





#71

Bromoform

Concen: 51.630 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

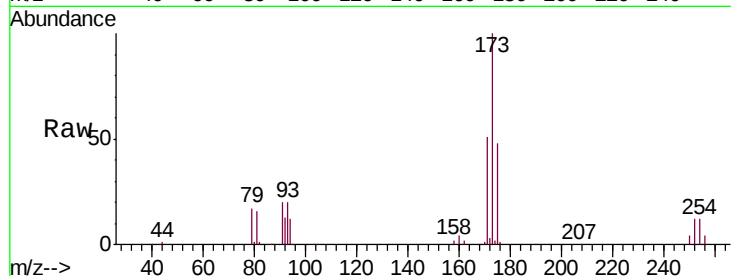
Tgt Ion:173 Resp: 163920

Ion Ratio Lower Upper

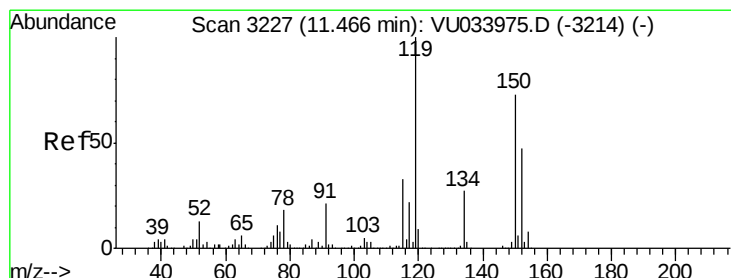
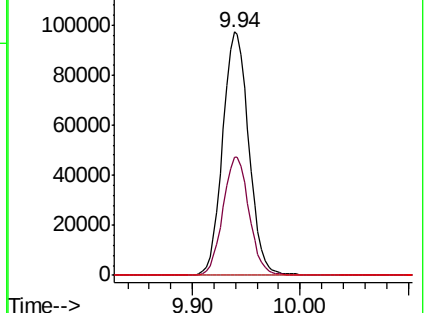
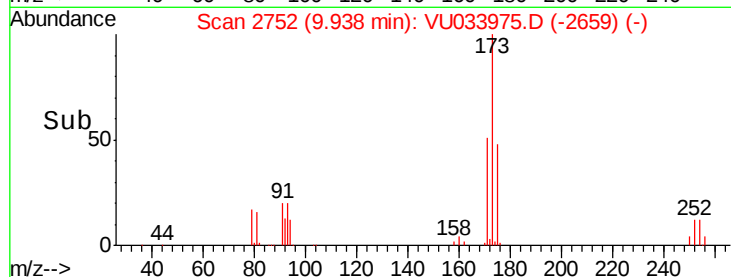
173 100

175 48.6 24.3 72.9

254 0.1 0.1 0.1



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: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

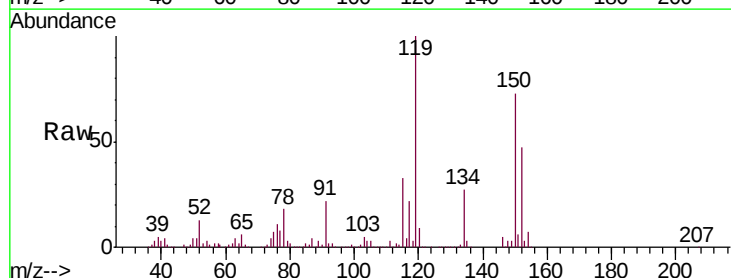
Tgt Ion:152 Resp: 265279

Ion Ratio Lower Upper

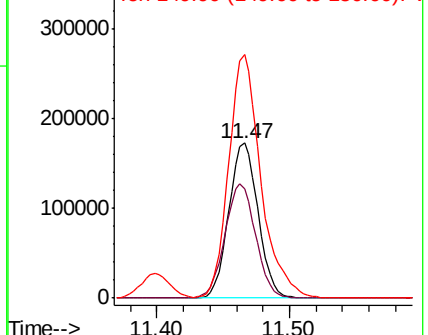
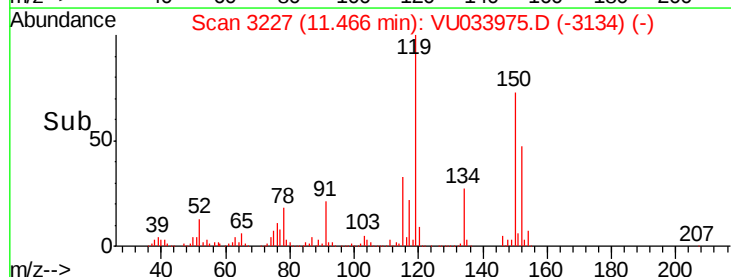
152 100

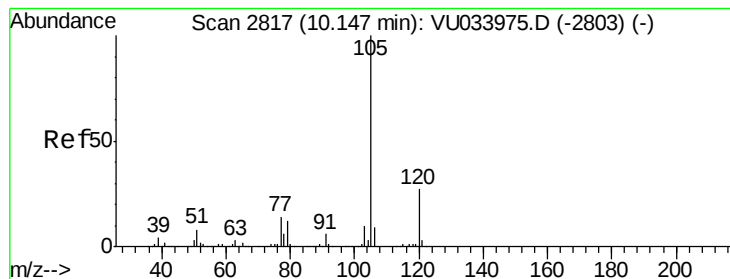
115 77.1 38.6 115.7

150 171.9 0.0 343.8



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





#73

Isopropylbenzene

Concen: 52.234 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

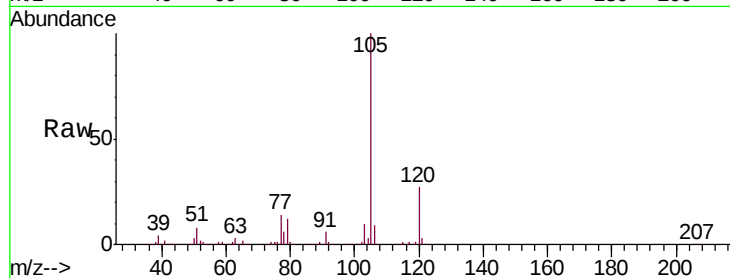
VSTDICCC050

Tgt Ion: 105 Resp: 854332

Ion Ratio Lower Upper

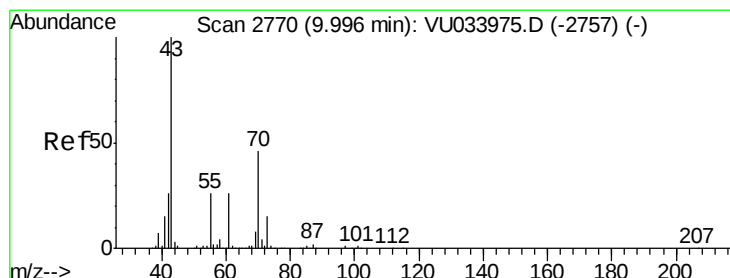
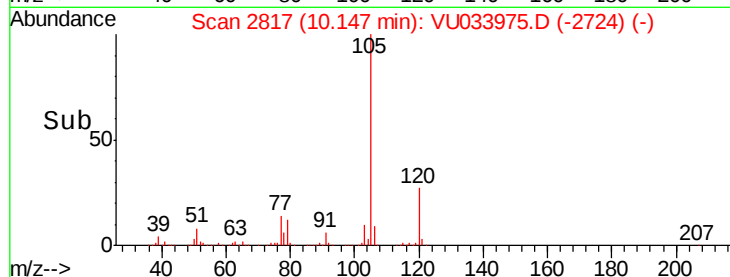
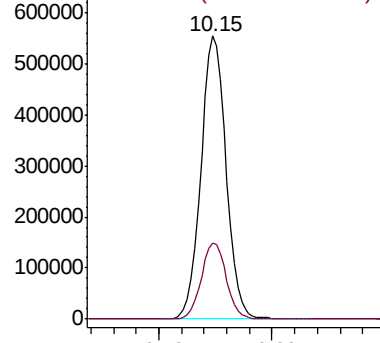
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.937 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Tgt Ion: 43 Resp: 336110

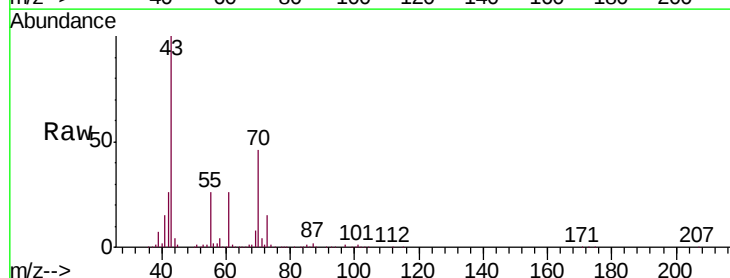
Ion Ratio Lower Upper

43 100

70 46.7 37.4 56.0

55 26.2 21.0 31.4

61 26.1 20.9 31.3

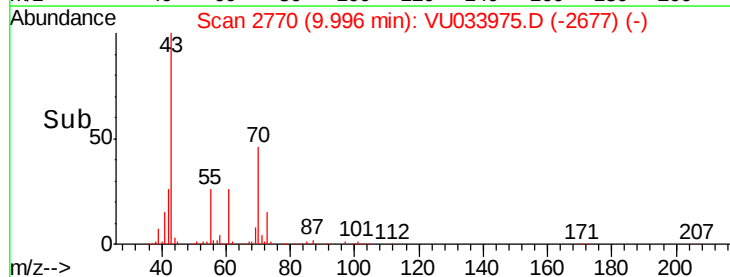
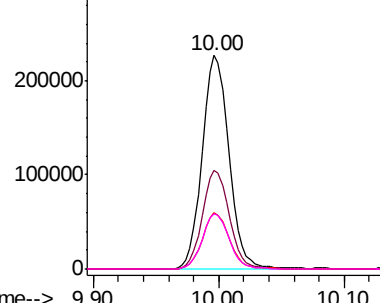


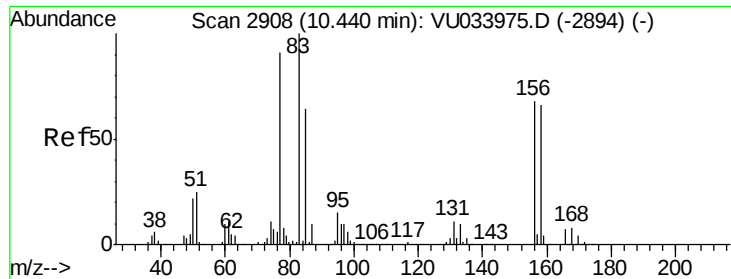
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 42.138 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

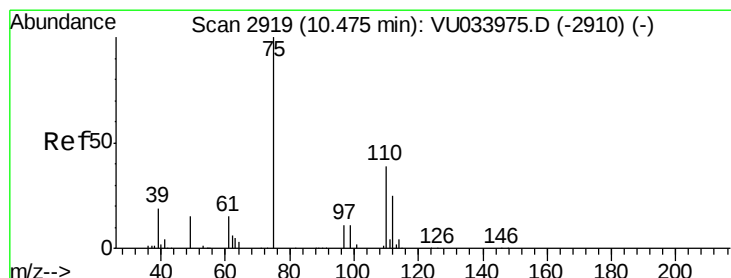
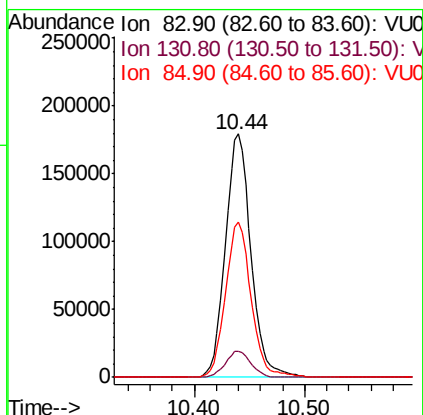
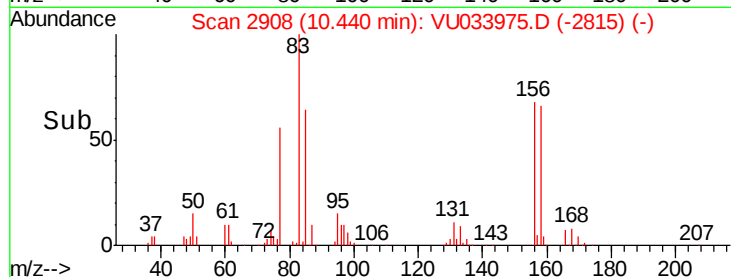
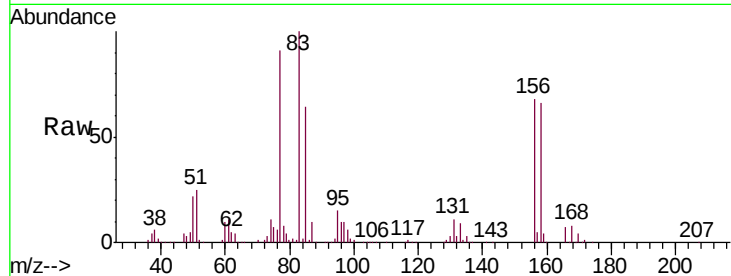
Tgt Ion: 83 Resp: 288553

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 55.795 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU033975.D

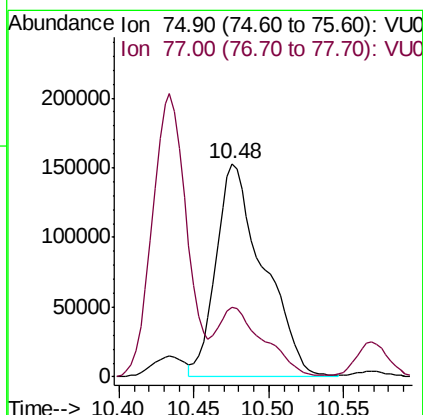
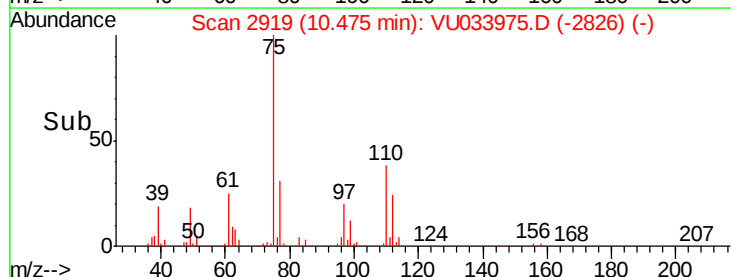
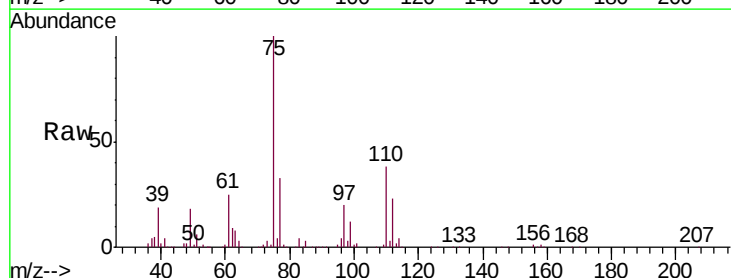
Acq: 27 Aug 2019 15:54

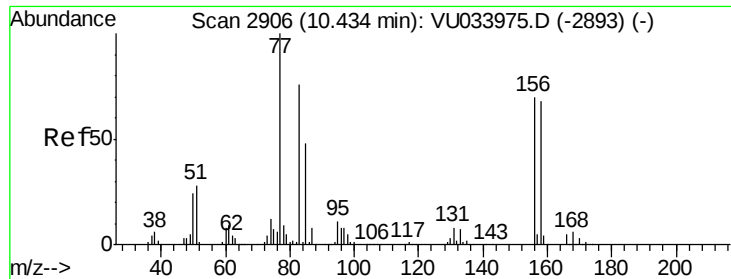
Tgt Ion: 75 Resp: 336371

Ion Ratio Lower Upper

75 100

77 32.1 21.0 63.0





#77

Bromobenzene

Concen: 52.203 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

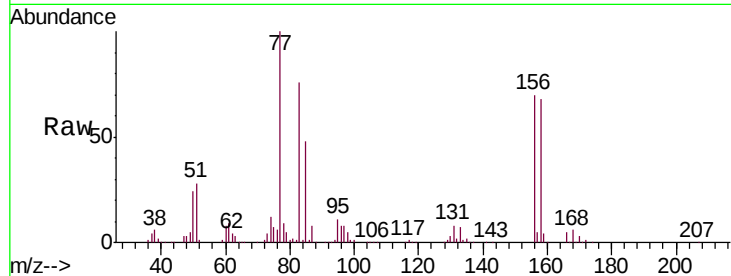
Tgt Ion:156 Resp: 230430

Ion Ratio Lower Upper

156 100

77 140.7 70.3 211.1

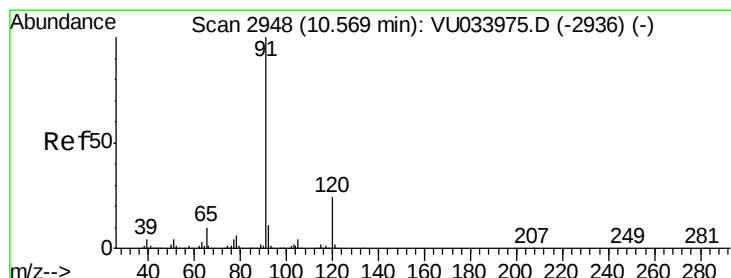
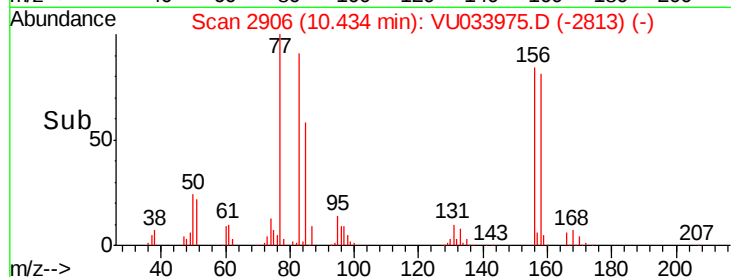
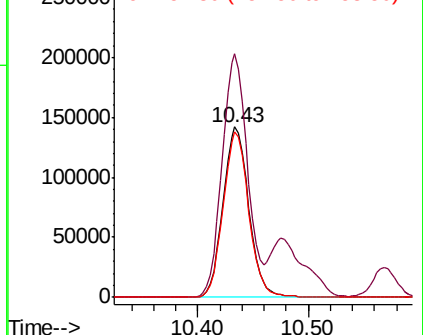
158 96.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.390 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU033975.D

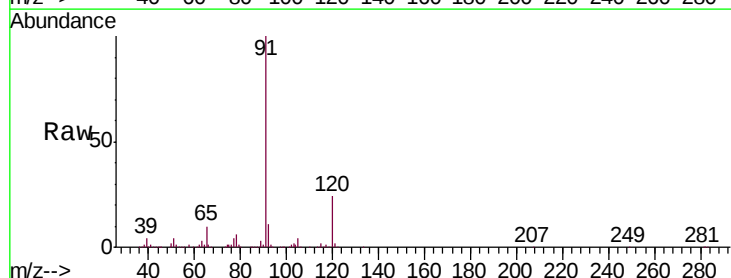
Acq: 27 Aug 2019 15:54

Tgt Ion: 91 Resp: 974884

Ion Ratio Lower Upper

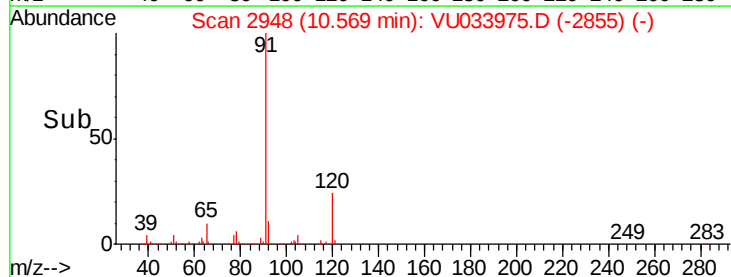
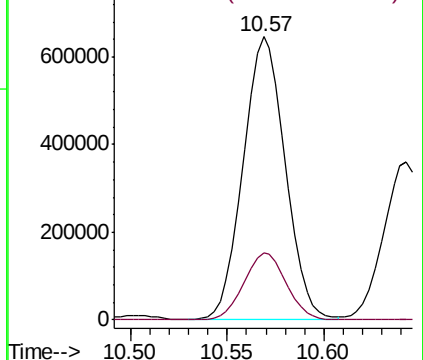
91 100

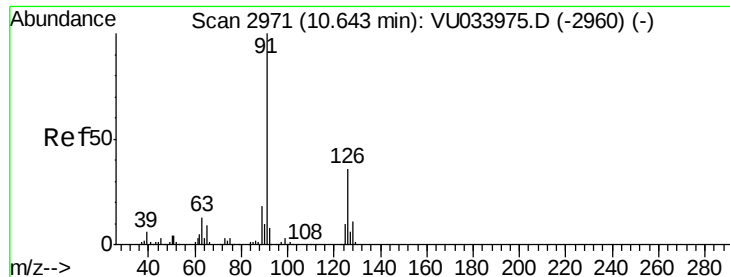
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.087 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

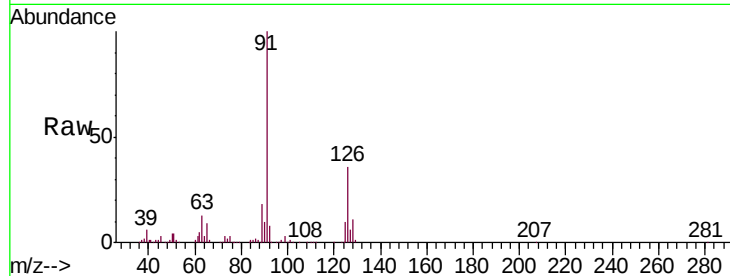
VSTDICCC050

Tgt Ion: 91 Resp: 569744

Ion Ratio Lower Upper

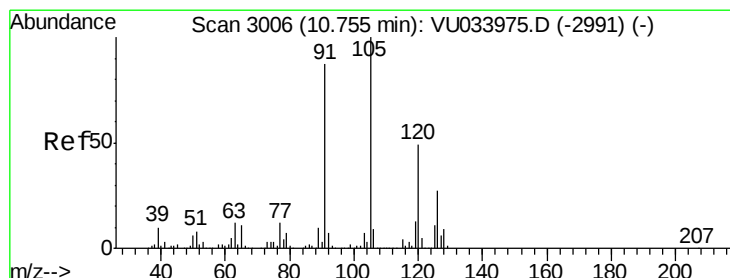
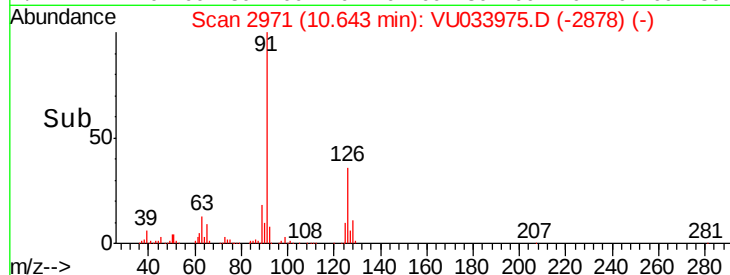
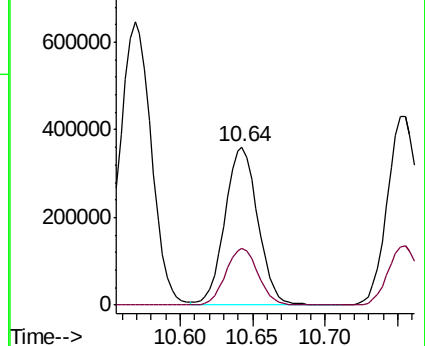
91 100

126 35.7 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VU033975.D (-2960) (-)

Ion 125.90 (125.60 to 126.60): VU033975.D (-2960) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.196 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU033975.D

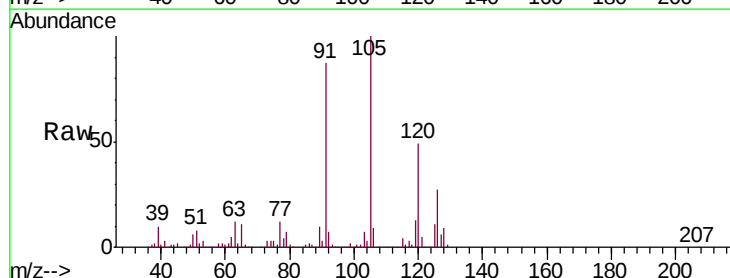
Acq: 27 Aug 2019 15:54

Tgt Ion: 105 Resp: 744394

Ion Ratio Lower Upper

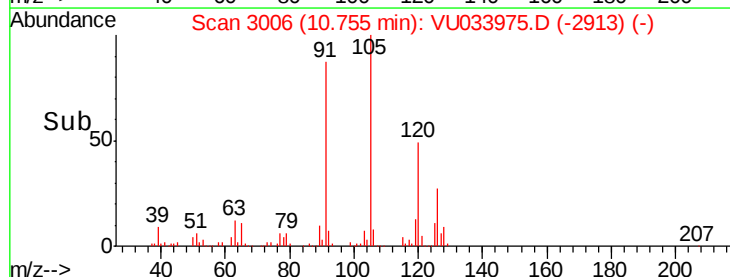
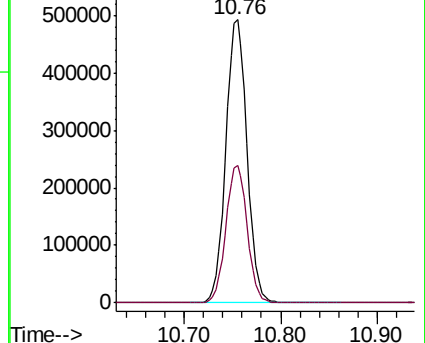
105 100

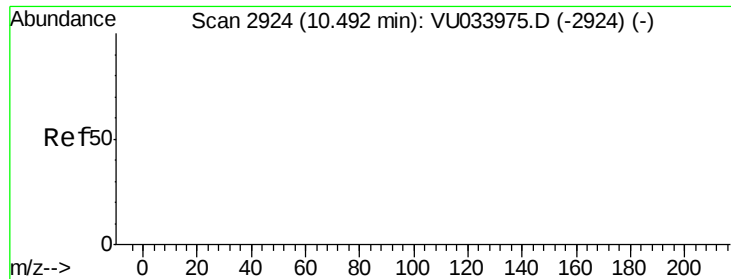
120 49.1 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VU033975.D (-2991) (-)

Ion 120.00 (119.70 to 120.70): VU033975.D (-2991) (-)

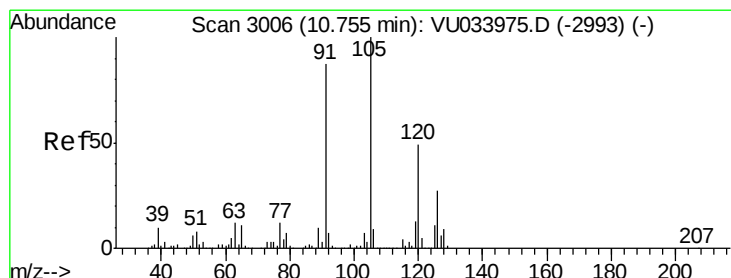
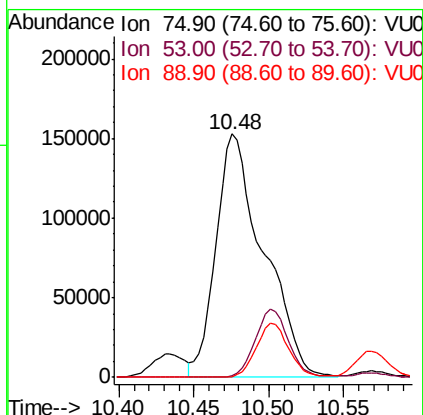
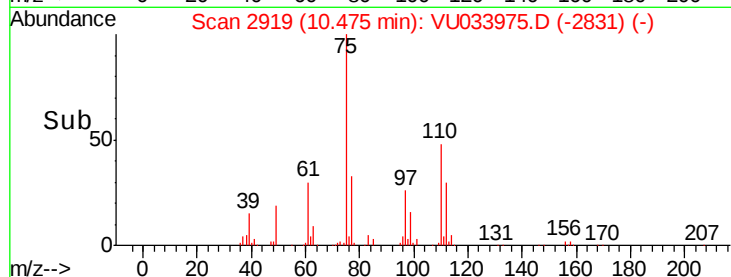
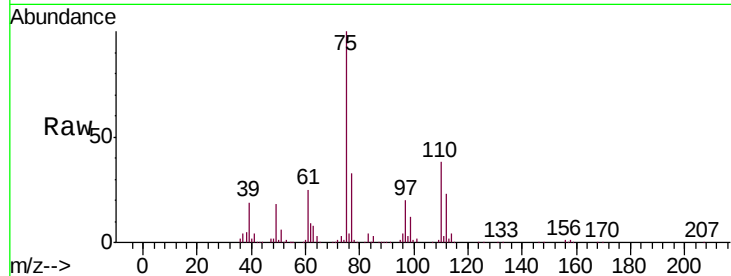




#81
trans-1,4-Dichloro-2-butene
Concen: 152.998 ug/l
RT: 10.48 min Scan# 2919
Delta R.T. -0.02 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

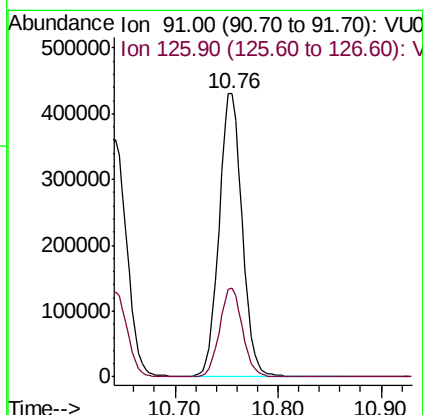
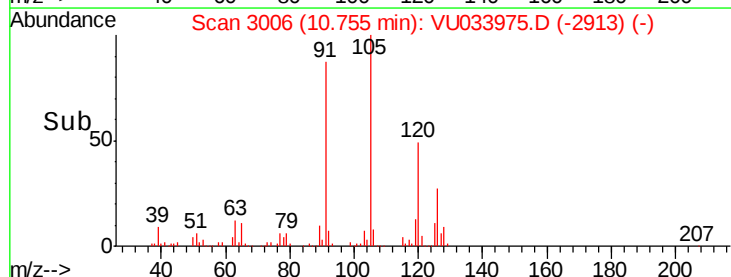
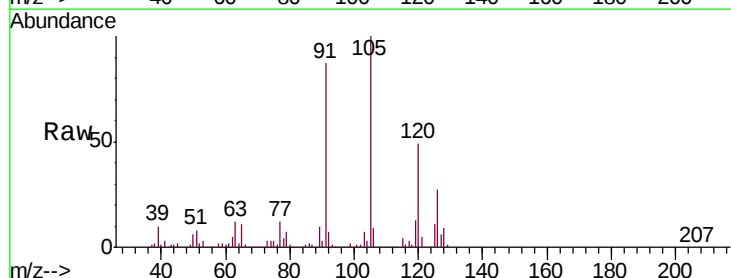
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

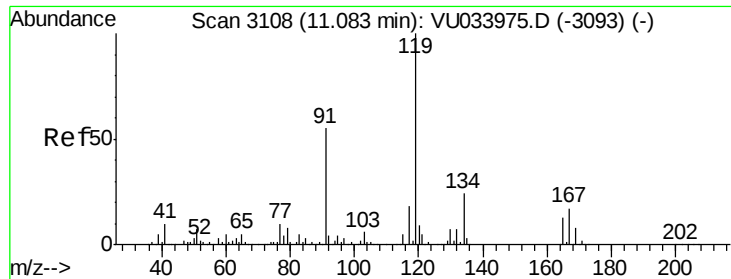
Tgt Ion: 75 Resp: 337085
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 48.945 ug/l
RT: 10.76 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion: 91 Resp: 666708
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.4

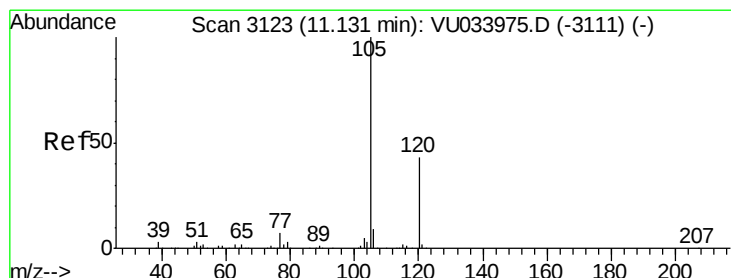
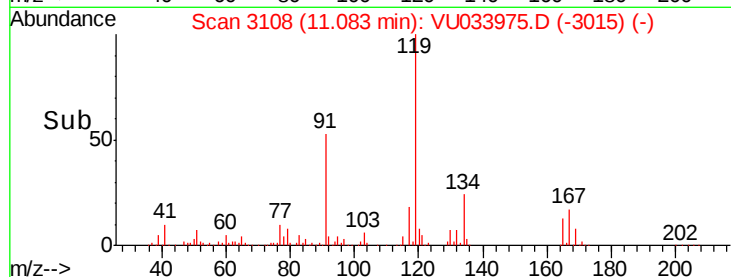
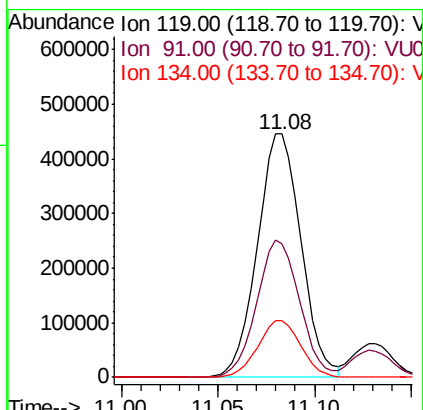
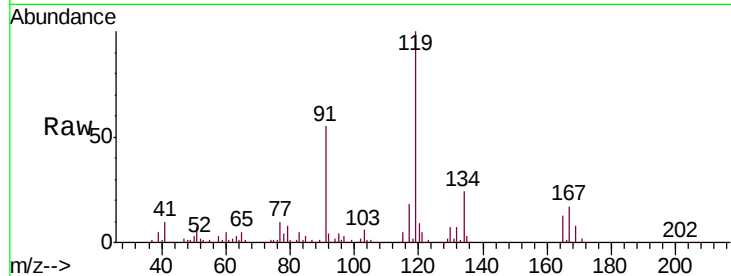




#83
 tert-Butylbenzene
 Concen: 53.350 ug/l
 RT: 11.08 min Scan# 3108
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

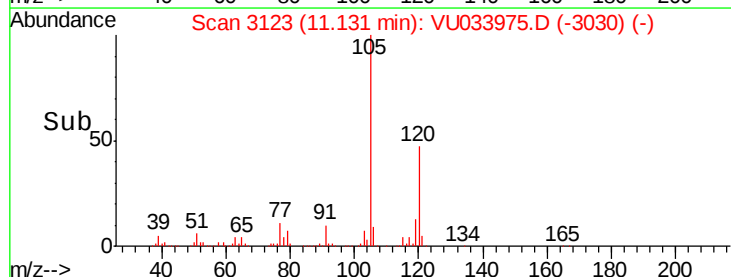
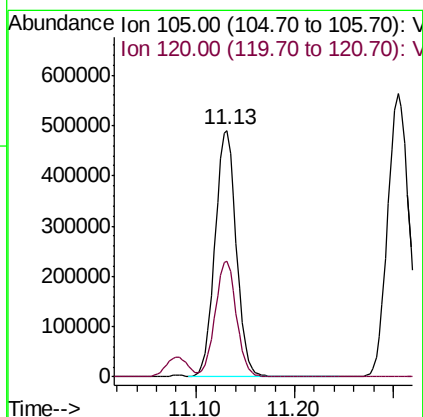
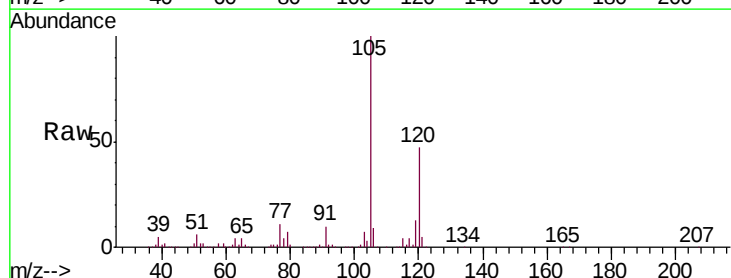
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

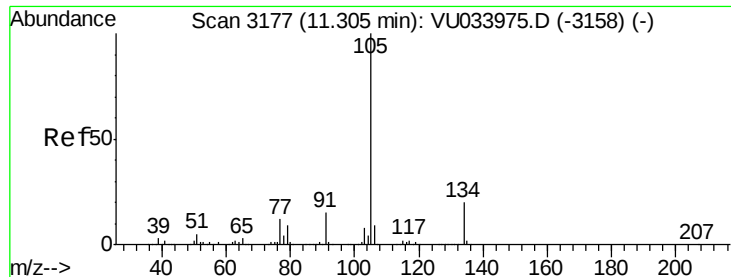
Tgt Ion:119 Resp: 699049
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.6 82.8
 134 23.1 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 54.486 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Tgt Ion:105 Resp: 740790
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.3 69.9

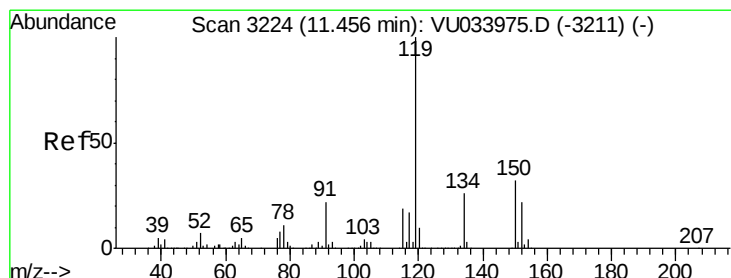
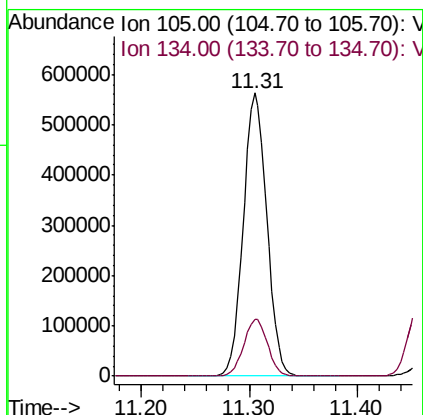
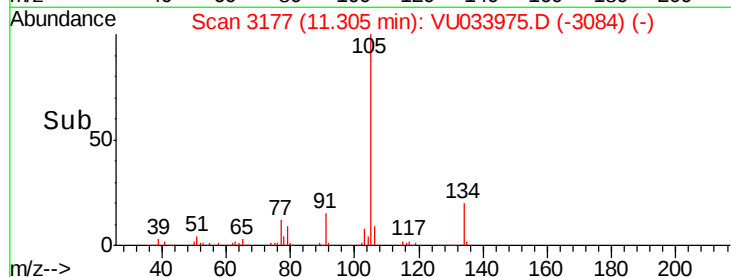
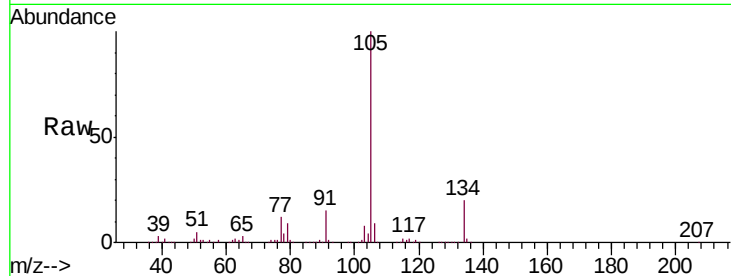




#85
 sec-Butylbenzene
 Concen: 52.174 ug/l
 RT: 11.31 min Scan# 3177
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

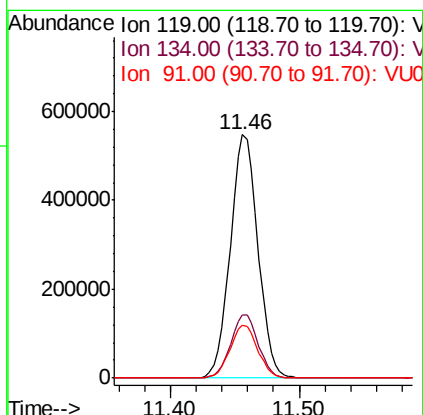
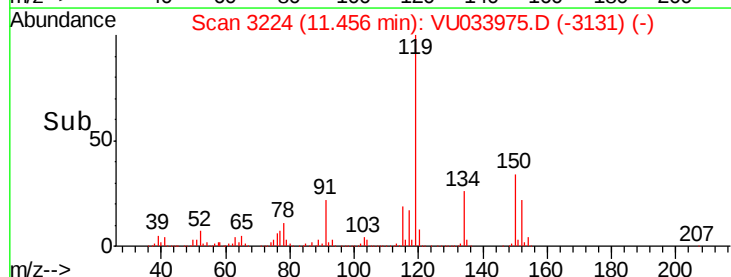
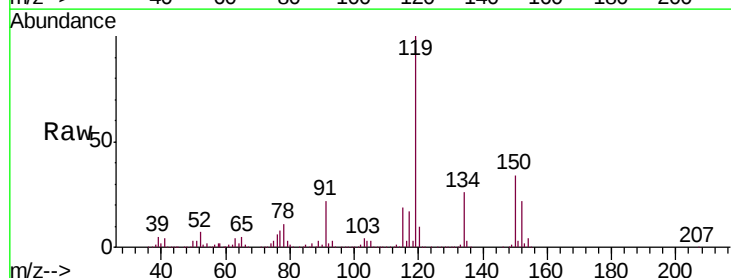
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

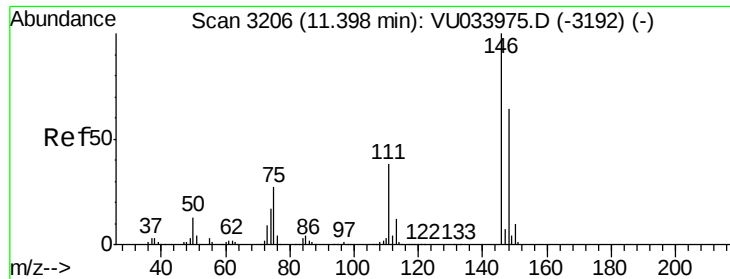
Tgt Ion:105 Resp: 854066
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 54.345 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Tgt Ion:119 Resp: 810816
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 21.9 10.9 32.9

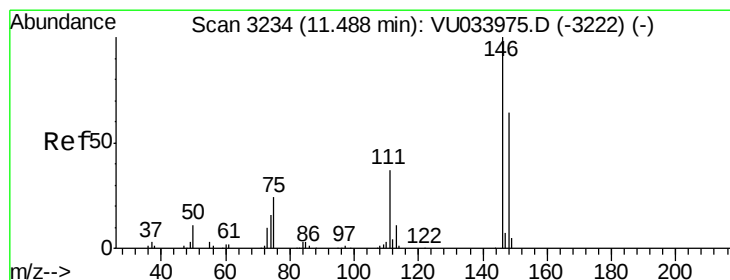
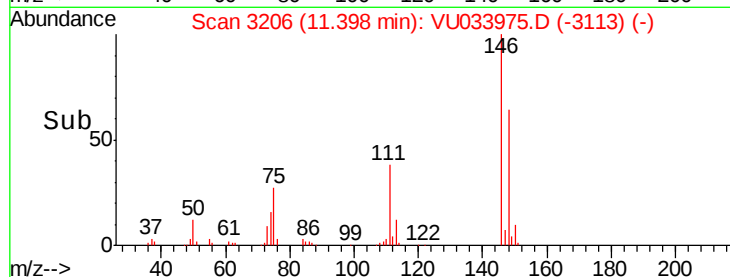
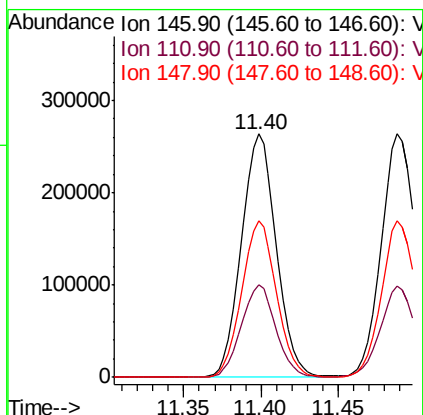
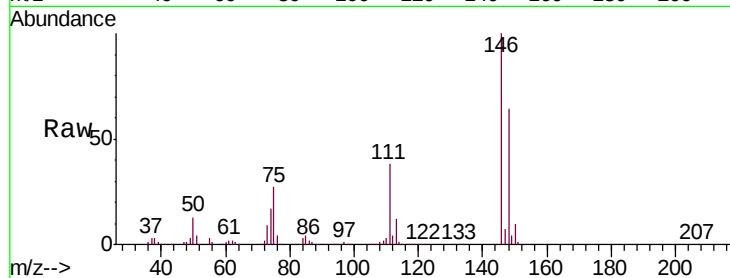




#87
 1,3-Dichlorobenzene
 Concen: 49.721 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

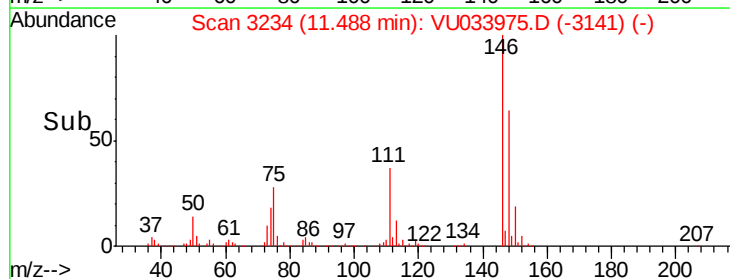
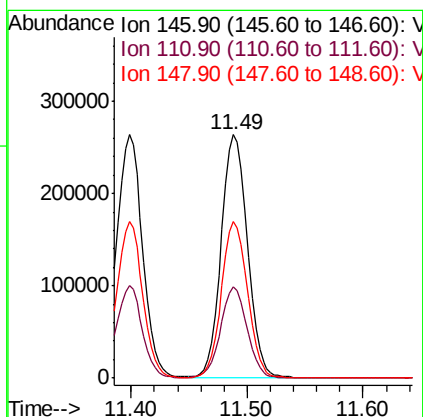
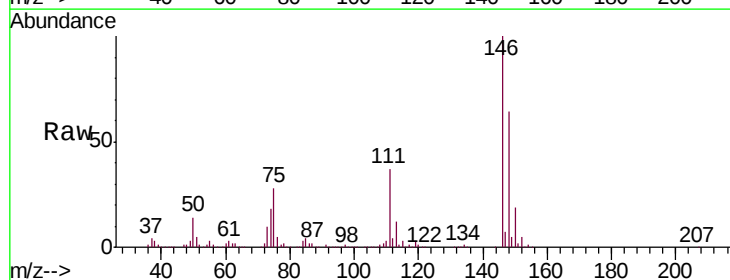
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

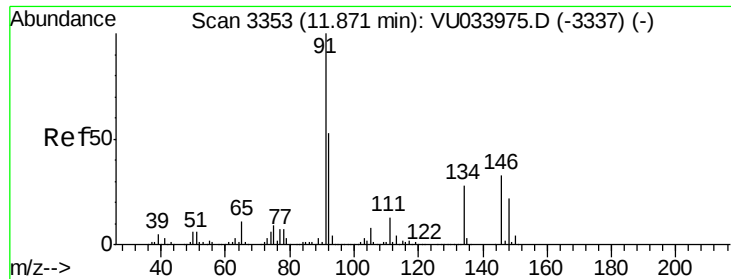
Tgt Ion:146 Resp: 413673
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.198 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Tgt Ion:146 Resp: 414103
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 63.8 31.9 95.7

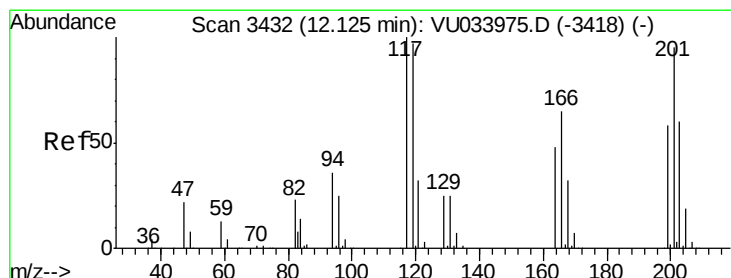
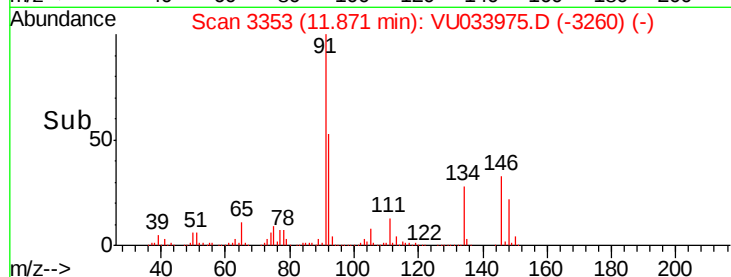
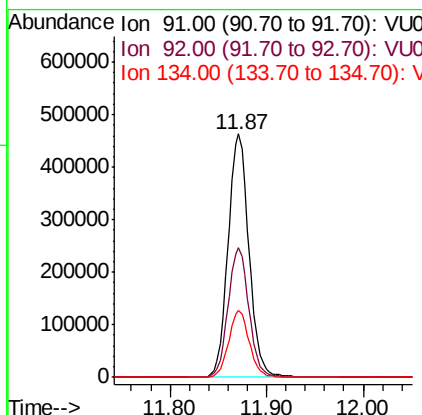
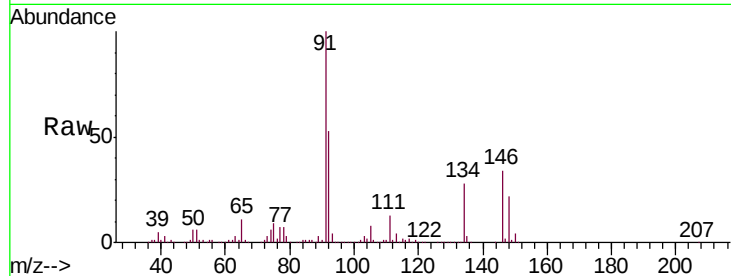




#89
n-Butylbenzene
Concen: 52.072 ug/l
RT: 11.87 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

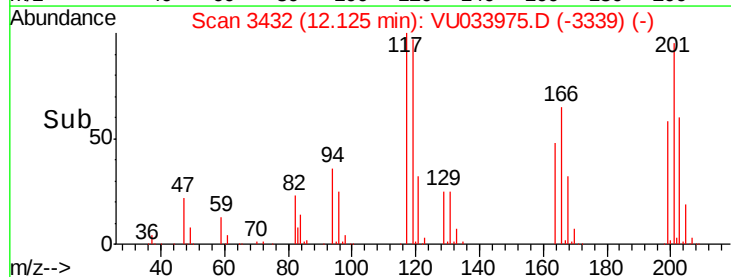
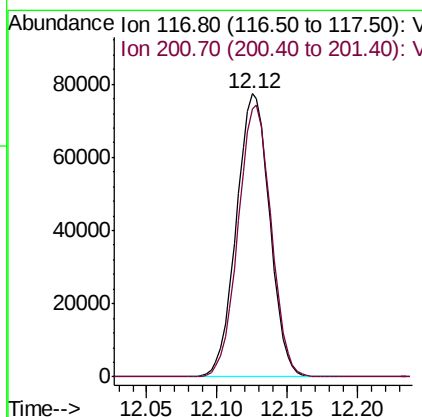
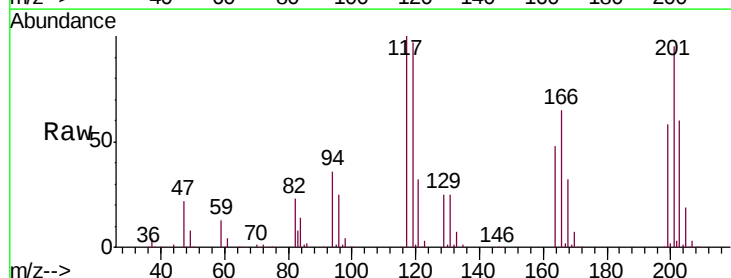
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

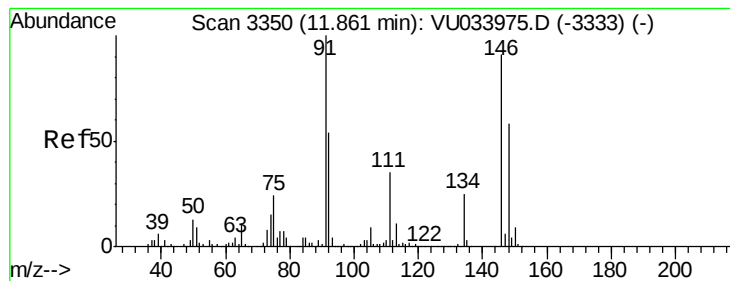
Tgt Ion: 91 Resp: 693121
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 27.2 13.6 40.8



#90
Hexachloroethane
Concen: 44.707 ug/l
RT: 12.12 min Scan# 3432
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion: 117 Resp: 128326
Ion Ratio Lower Upper
117 100
201 95.0 47.5 142.5





#91

1,2-Dichlorobenzene

Concen: 51.191 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

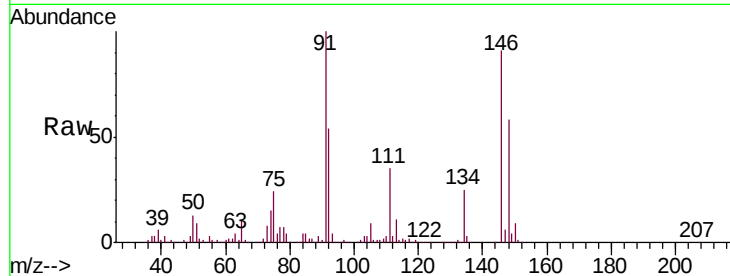
Tgt Ion:146 Resp: 408622

Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.3

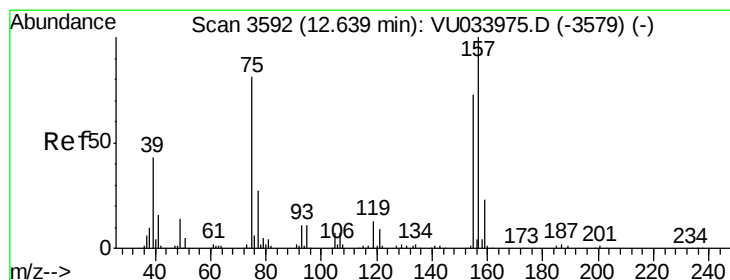
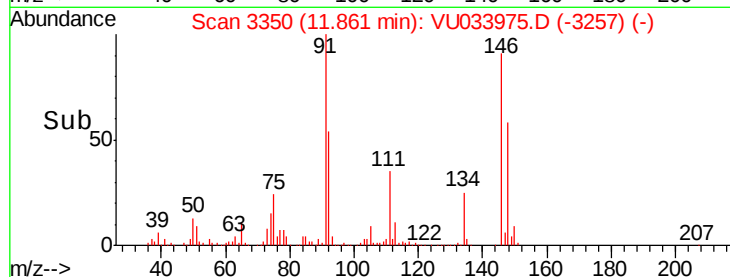
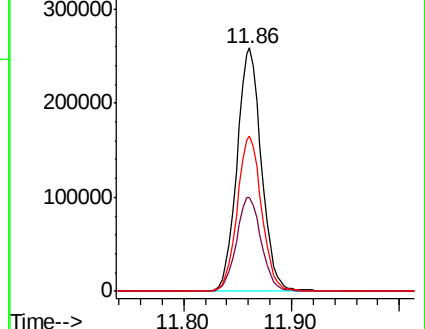
148 64.1 32.0 96.2



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: 46.510 ug/l

RT: 12.64 min Scan# 3592

Delta R.T. 0.00 min

Lab File: VU033975.D

Acq: 27 Aug 2019 15:54

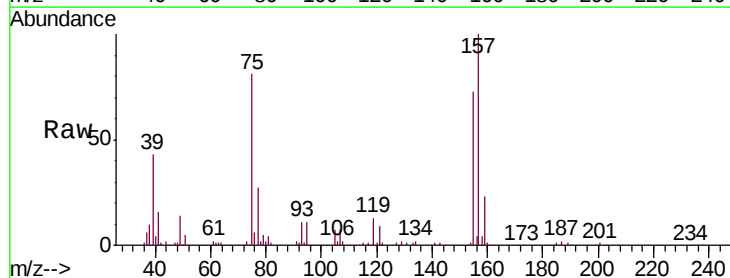
Tgt Ion: 75 Resp: 65498

Ion Ratio Lower Upper

75 100

155 93.7 46.9 140.6

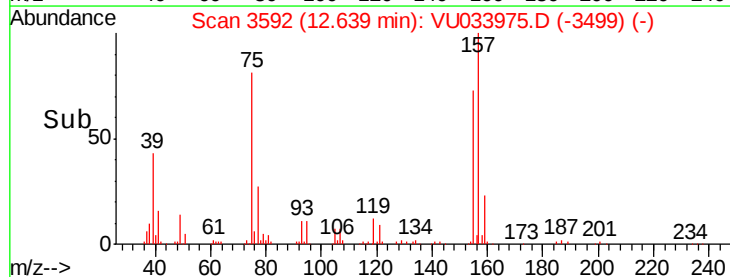
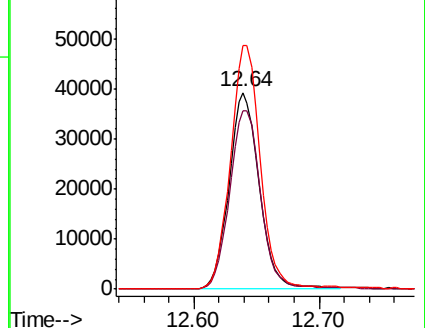
157 122.4 61.2 183.6

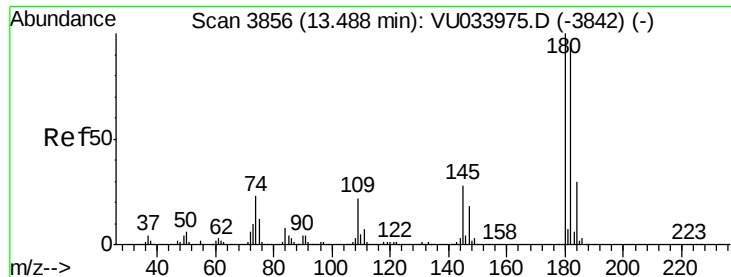


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

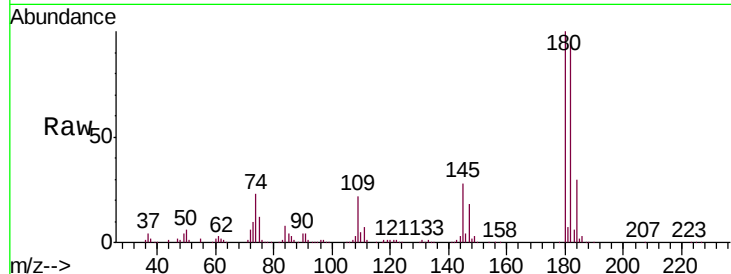




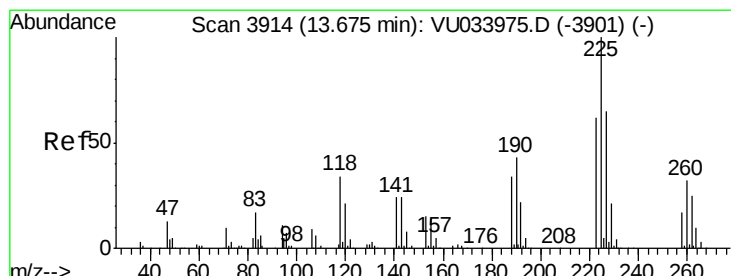
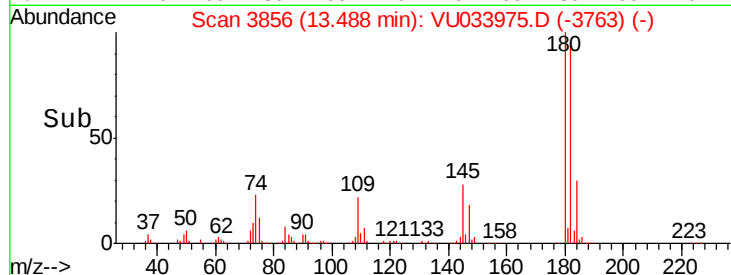
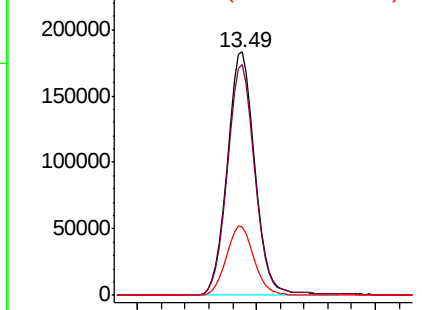
#93
 1,2,4-Trichlorobenzene
 Concen: 61.301 ug/l
 RT: 13.49 min Scan# 3856
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 295407
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 28.8 14.4 43.2

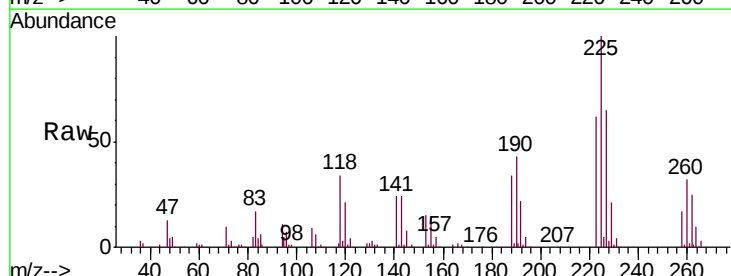


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

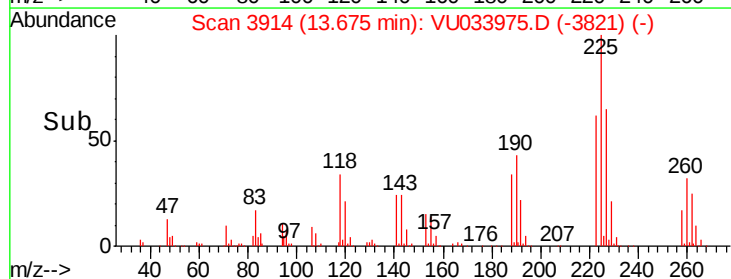
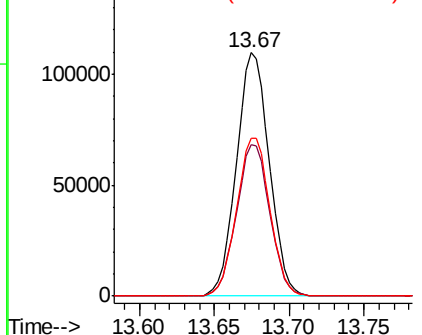


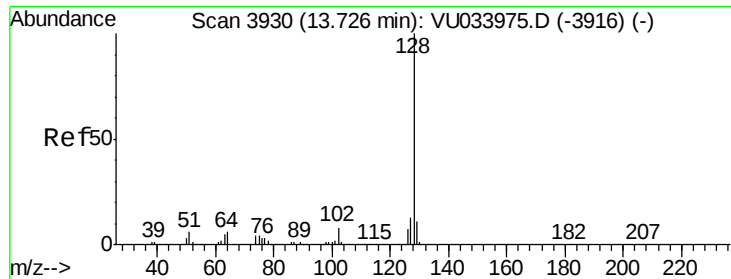
#94
 Hexachlorobutadiene
 Concen: 55.293 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU033975.D
 Acq: 27 Aug 2019 15:54

Tgt Ion:225 Resp: 167820
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.7 95.1
 227 66.0 33.0 99.0



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

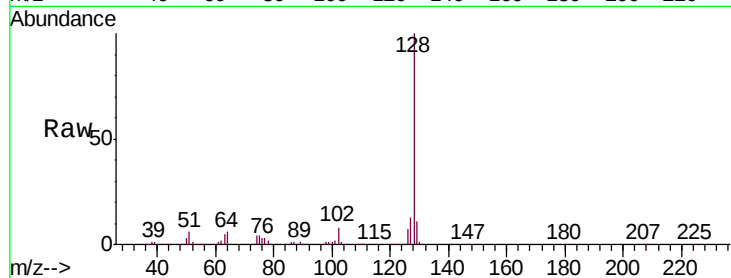




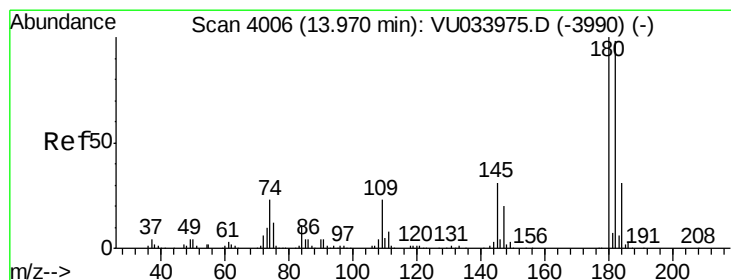
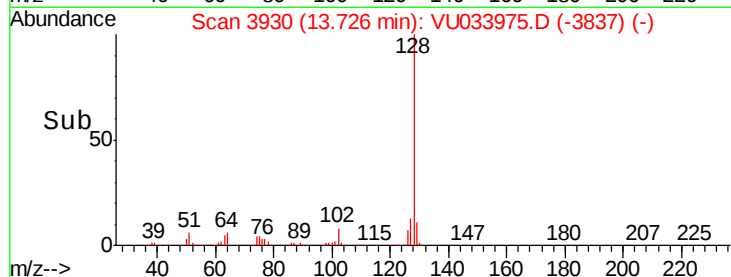
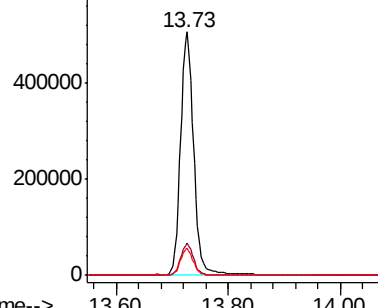
#95
Naphthalene
Concen: 63.512 ug/l
RT: 13.73 min Scan# 3930
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 837342
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.5 12.7

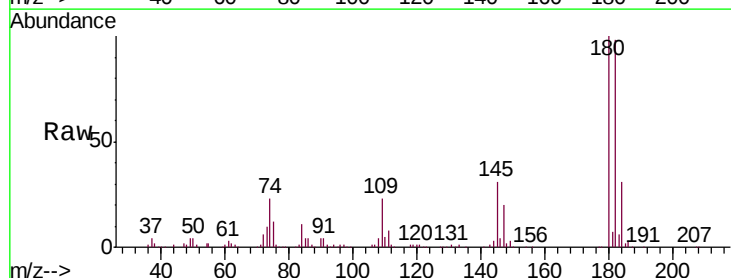


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 61.214 ug/l
RT: 13.97 min Scan# 4006
Delta R.T. 0.00 min
Lab File: VU033975.D
Acq: 27 Aug 2019 15:54

Tgt Ion:180 Resp: 296517
Ion Ratio Lower Upper
180 100
182 96.9 48.4 145.3
145 30.2 15.1 45.3



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

