

Data File : VU033978.D
Acq On : 27 Aug 2019 17:06
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

Quant Time: Aug 28 04:03:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	356775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	528241	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	509425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	273508	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	199686	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	4.86	113	178239	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	7.55	98	688020	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	10.29	95	262134	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	177972	49.595	ug/l	97
3) Chloromethane	1.32	50	214474	55.092	ug/l	99
4) Vinyl Chloride	1.40	62	177331	49.499	ug/l	99
5) Bromomethane	1.60	94	115648	53.113	ug/l	98
6) Chloroethane	1.68	64	100548	47.139	ug/l	99
7) Trichlorofluoromethane	1.87	101	231796	49.174	ug/l	99
8) Diethyl Ether	2.09	74	89278	49.931	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.27	101	148674	49.386	ug/l	99
10) Methyl Iodide	2.39	142	222369	49.324	ug/l	99
11) Tert butyl alcohol	2.82	59	240489	234.250	ug/l #	85
12) 1,1-Dichloroethene	2.27	96	153528	48.860	ug/l	98
13) Acrolein	2.18	56	82386	252.692	ug/l	99
14) Allyl chloride	2.58	41	249988	44.933	ug/l	93
15) Acrylonitrile	2.92	53	536747	258.624	ug/l	99
16) Acetone	2.31	43	426150	224.617	ug/l	99
17) Carbon Disulfide	2.46	76	505918	49.031	ug/l	100
18) Methyl Acetate	2.60	43	237992	50.930	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	547781	51.895	ug/l	100
20) Methylene Chloride	2.68	84	189924	47.184	ug/l	99
21) trans-1,2-Dichloroethene	2.96	96	176779	49.344	ug/l	98
22) Diisopropyl ether	3.55	45	522156	51.081	ug/l	96
23) Vinyl Acetate	3.50	43	2305572	265.488	ug/l	100
24) 1,1-Dichloroethane	3.42	63	317229	49.567	ug/l	99
25) 2-Butanone	4.23	43	703183	258.562	ug/l	99
26) 2,2-Dichloropropane	4.20	77	261024	48.235	ug/l	100
27) cis-1,2-Dichloroethene	4.20	96	204163	50.908	ug/l	97
28) Bromochloromethane	4.52	49	136927	46.501	ug/l	99
29) Tetrahydrofuran	4.61	42	443020	260.442	ug/l	99
30) Chloroform	4.65	83	312867	47.741	ug/l	98
31) Cyclohexane	4.97	56	287029	49.113	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	275366	49.911	ug/l	99
36) 1,1-Dichloropropene	5.11	75	237263	49.040	ug/l	99
37) Ethyl Acetate	4.36	43	252907	52.116	ug/l	99
38) Carbon Tetrachloride	5.11	117	247678	50.232	ug/l	97

Data File : VU033978.D

Acq On : 27 Aug 2019 17:06

Operator : JC/SP

Sample : VSTDICV050

Misc : 5.0mL/MSVOA_U/WATER

ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

Quant Time: Aug 28 04:03:06 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M

Quant Title : SW846 8260

QLast Update : Wed Aug 28 02:42:03 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	292317	51.060	ug/l	98
40) Benzene	5.37	78	725436	50.430	ug/l	99
41) Methacrylonitrile	4.52	41	136595	54.321	ug/l	99
42) 1,2-Dichloroethane	5.38	62	239733	49.283	ug/l	100
43) Isopropyl Acetate	5.53	43	393332	52.863	ug/l	100
44) Trichloroethene	6.16	130	204603	49.884	ug/l	100
45) 1,2-Dichloropropane	6.41	63	193869	50.375	ug/l	97
46) Dibromomethane	6.54	93	131119	50.097	ug/l	99
47) Bromodichloromethane	6.74	83	252597	50.671	ug/l	99
48) Methyl methacrylate	6.60	41	194371	54.943	ug/l	98
49) 1,4-Dioxane	6.59	88	103810	1069.228	ug/l #	96
51) 4-Methyl-2-Pentanone	7.44	43	1340860	261.368	ug/l	99
52) Toluene	7.62	92	471597	51.992	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	287447	52.143	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	310383	52.085	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	193060	50.372	ug/l	99
56) Ethyl methacrylate	8.00	69	300041	49.675	ug/l	99
57) 1,3-Dichloropropane	8.22	76	320928	51.380	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	540977	241.361	ug/l	99
59) 2-Hexanone	8.34	43	1040252	263.806	ug/l	99
60) Dibromochloromethane	8.46	129	218108	50.605	ug/l	100
61) 1,2-Dibromoethane	8.57	107	207355	51.227	ug/l	99
64) Tetrachloroethene	8.21	164	197562	48.233	ug/l	97
65) Chlorobenzene	9.10	112	528903	50.421	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	194253	49.668	ug/l	100
67) Ethyl Benzene	9.23	91	906262	51.815	ug/l	100
68) m/p-Xylenes	9.36	106	709665	105.208	ug/l	100
69) o-Xylene	9.76	106	342794	53.156	ug/l	100
70) Styrene	9.77	104	597319	54.118	ug/l	100
71) Bromoform	9.94	173	178802	51.645	ug/l #	99
73) Isopropylbenzene	10.15	105	932000	52.946	ug/l	99
74) N-amyl acetate	10.00	43	367716	55.650	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	314832	49.658	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	355859	65.300	ug/l	86
77) Bromobenzene	10.43	156	250366	50.332	ug/l	98
78) n-propylbenzene	10.57	91	1064080	53.304	ug/l	99
79) 2-Chlorotoluene	10.64	91	628301	52.160	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	804326	53.351	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.48	75	357378	187.831	ug/l #	100
82) 4-Chlorotoluene	10.75	91	725170	52.005	ug/l	100
83) tert-Butylbenzene	11.08	119	779957	53.296	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	799686	54.030	ug/l	99
85) sec-Butylbenzene	11.31	105	932830	53.407	ug/l	100
86) p-Isopropyltoluene	11.46	119	875454	53.550	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	444277	50.347	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	437771	49.154	ug/l	99
89) n-Butylbenzene	11.87	91	749581	54.860	ug/l	100
90) Hexachloroethane	12.13	117	140225	51.858	ug/l	97
91) 1,2-Dichlorobenzene	11.86	146	437226	50.335	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	69897	55.039	ug/l	99

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

Data File : VU033978.D
Acq On : 27 Aug 2019 17:06
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

Quant Time: Aug 28 04:03:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration

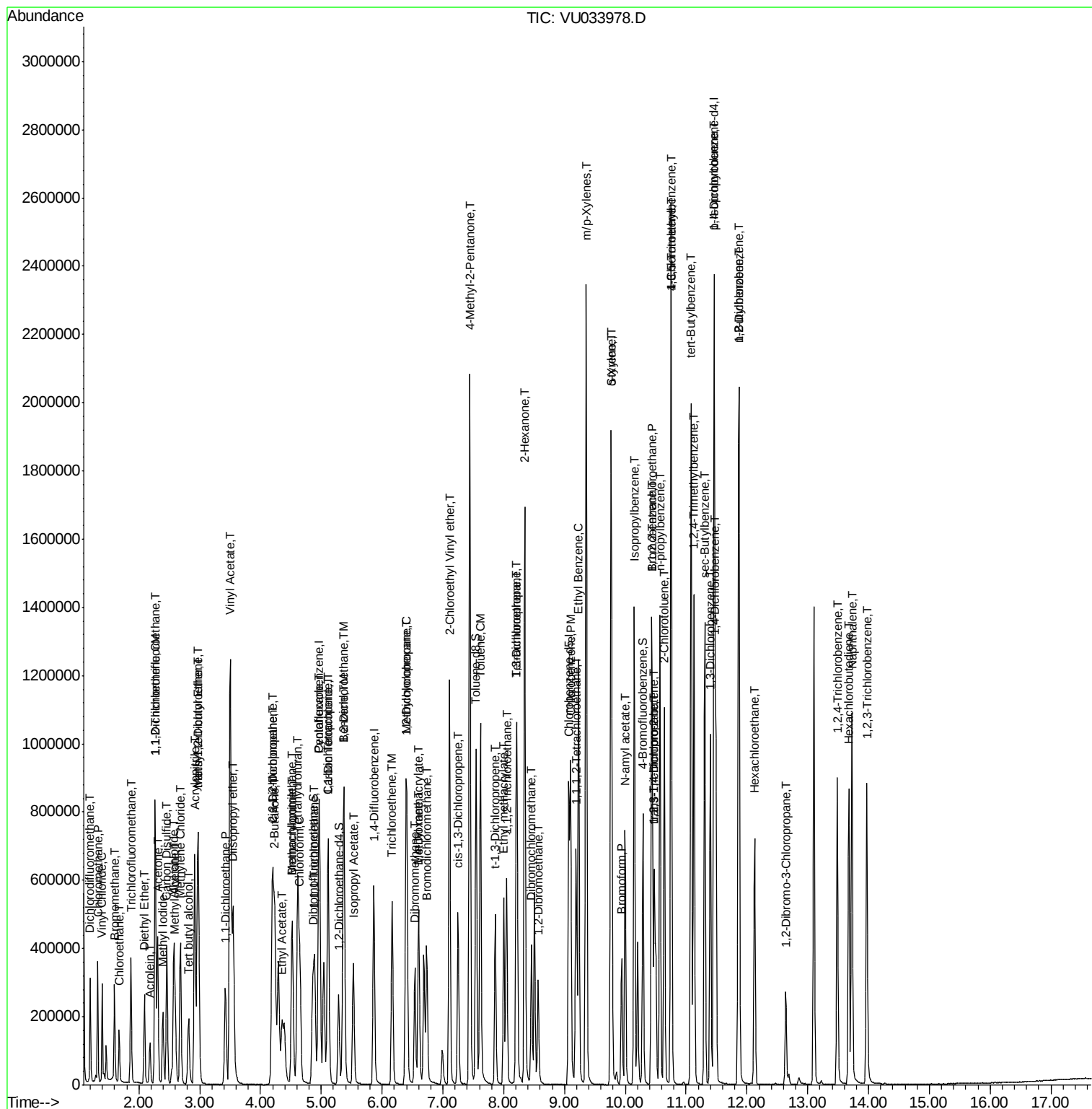
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	310606	50.812	ug/l	100
94) Hexachlorobutadiene	13.68	225	180815	50.775	ug/l	97
95) Naphthalene	13.73	128	905274	53.469	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	310472	55.935	ug/l	100

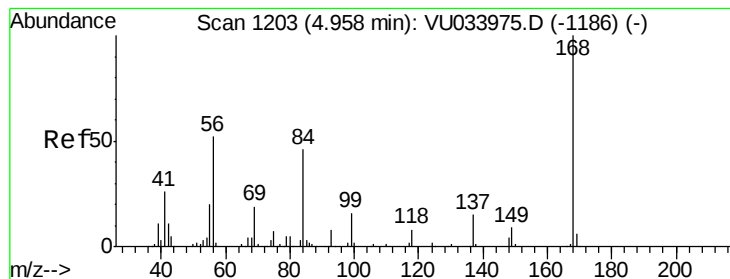
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033978.D
Acq On : 27 Aug 2019 17:06
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

Quant Time: Aug 28 04:03:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

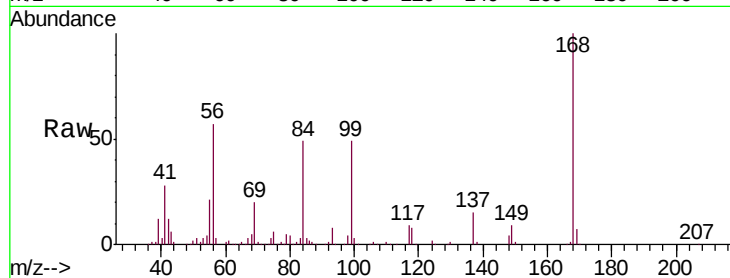
ICVVU082819

Tgt Ion:168 Resp: 356775

Ion Ratio Lower Upper

168 100

99 48.9 39.4 59.2



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

Ion 98.90 (98.60 to 99.60): VU033975.D

4.96

150000

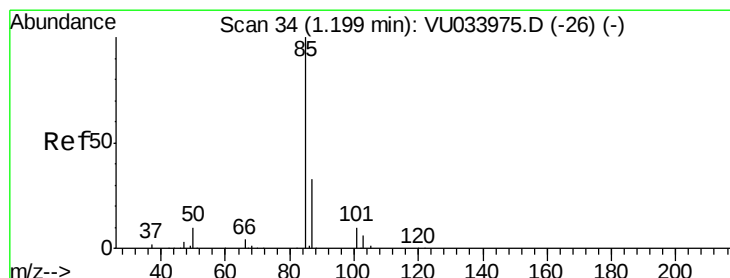
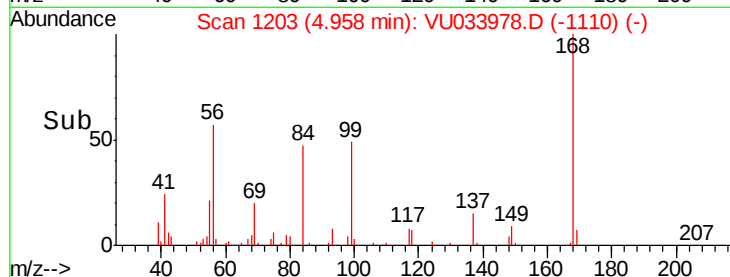
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 49.595 ug/l

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU033978.D

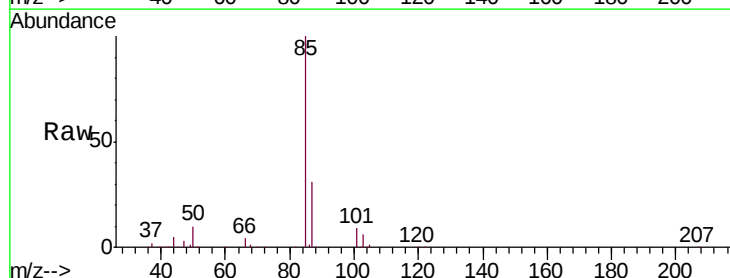
Acq: 27 Aug 2019 17:06

Tgt Ion: 85 Resp: 177972

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.2



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

Ion 86.90 (86.60 to 87.60): VU033975.D

1.20

200000

150000

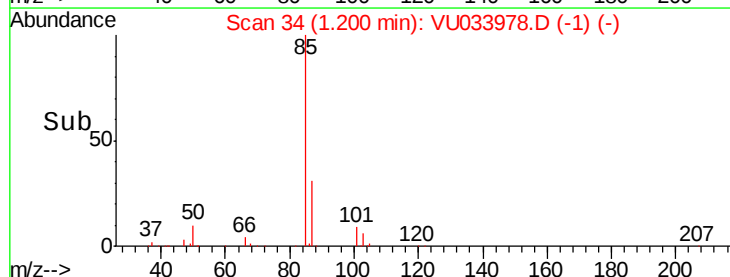
100000

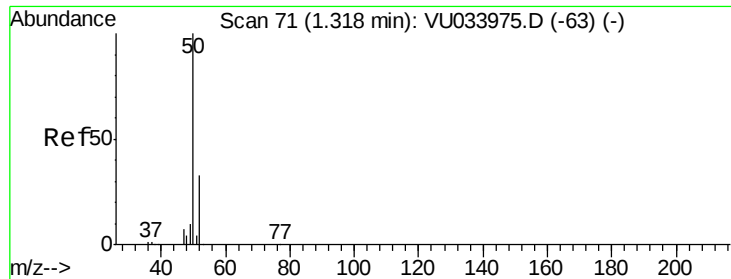
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 55.092 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

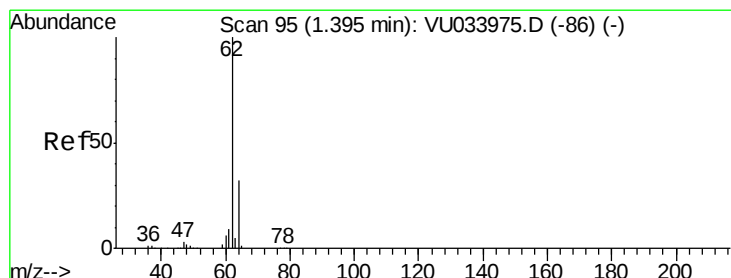
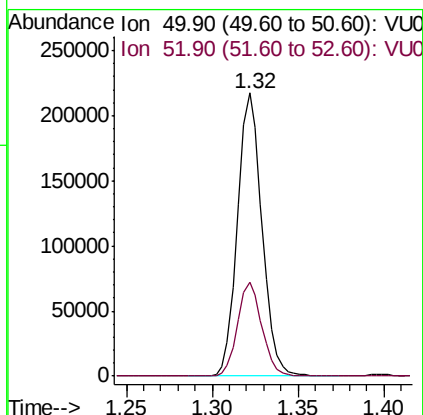
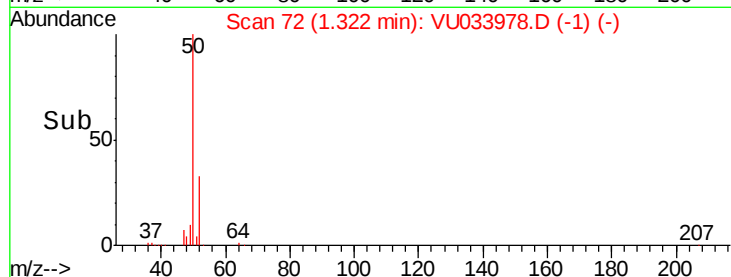
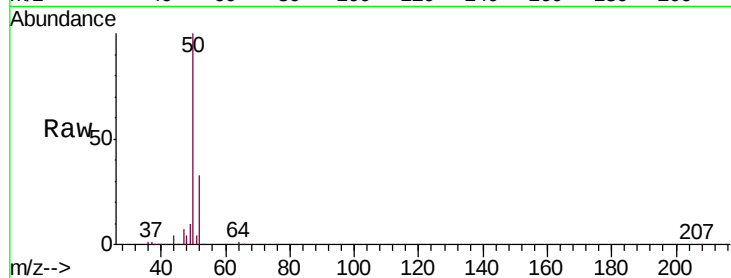
ICVVU082819

Tgt Ion: 50 Resp: 214474

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.2



#4

Vinyl Chloride

Concen: 49.499 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033978.D

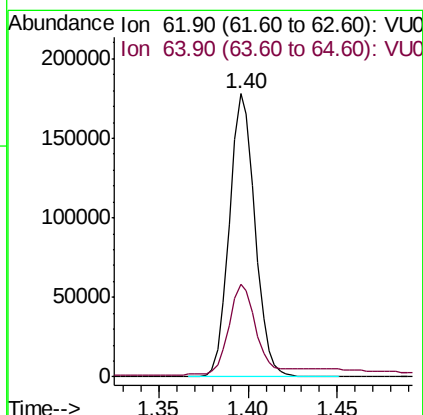
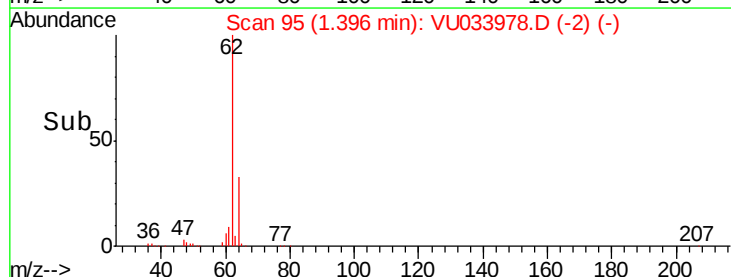
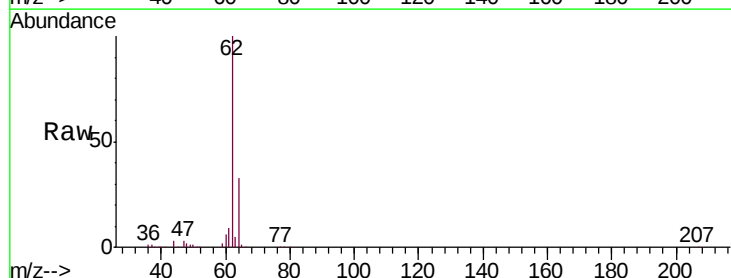
Acq: 27 Aug 2019 17:06

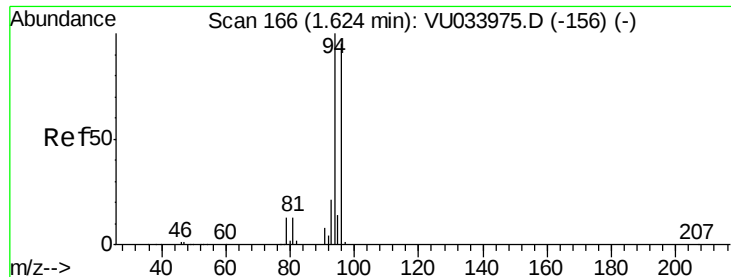
Tgt Ion: 62 Resp: 177331

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 53.113 ug/l

RT: 1.60 min Scan# 158

Delta R.T. -0.03 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

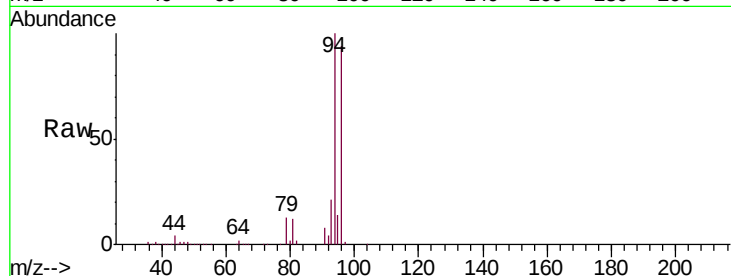
ICVVU082819

Tgt Ion: 94 Resp: 115648

Ion Ratio Lower Upper

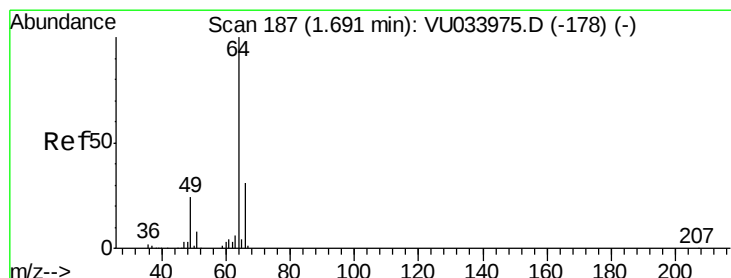
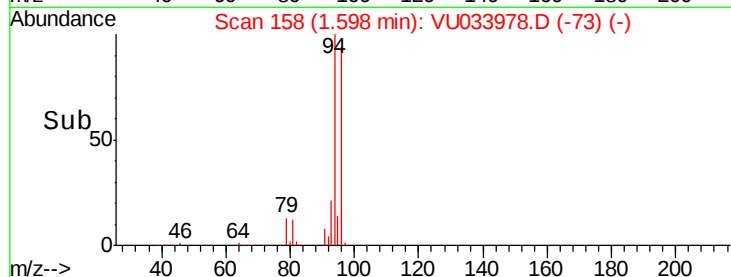
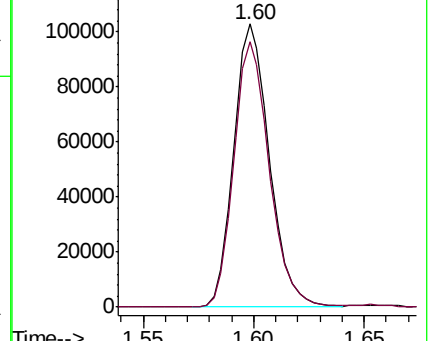
94 100

96 93.8 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: 47.139 ug/l

RT: 1.68 min Scan# 182

Delta R.T. -0.02 min

Lab File: VU033978.D

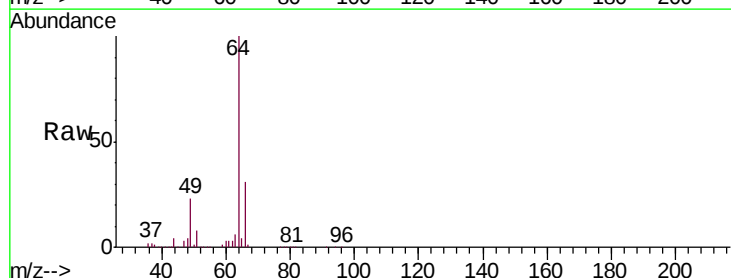
Acq: 27 Aug 2019 17:06

Tgt Ion: 64 Resp: 100548

Ion Ratio Lower Upper

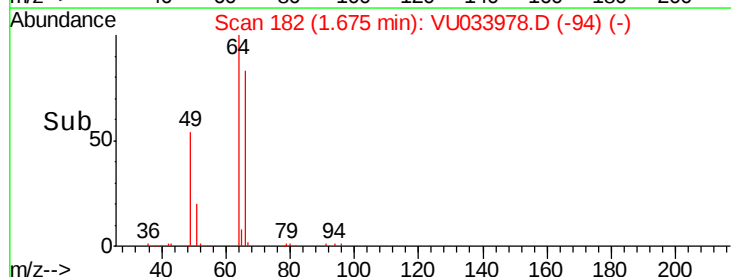
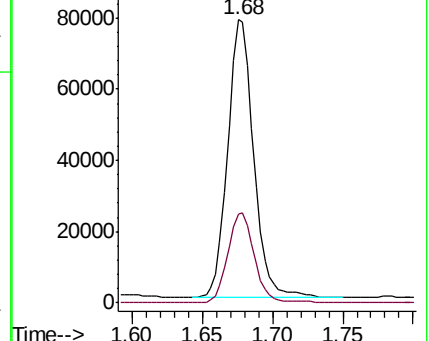
64 100

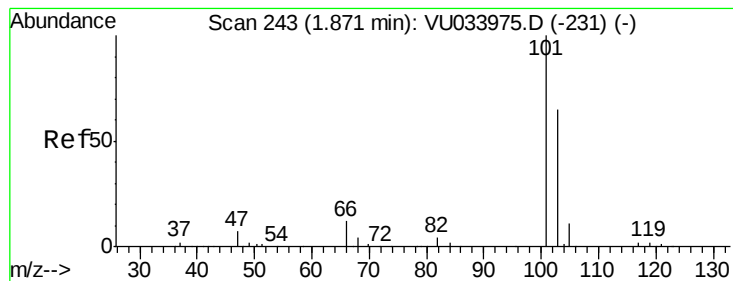
66 31.8 24.9 37.3



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

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



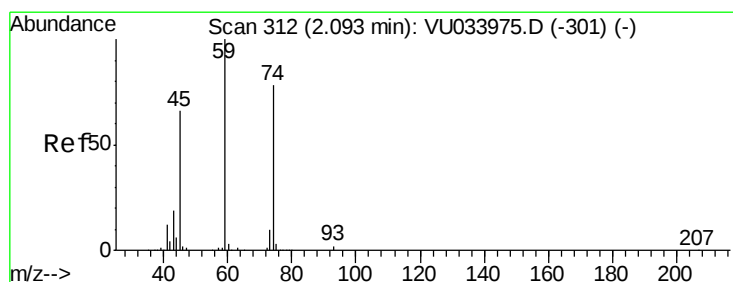
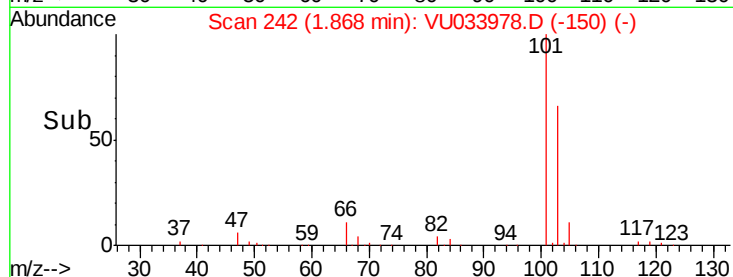
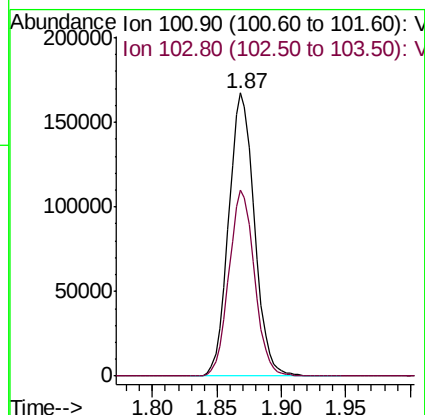
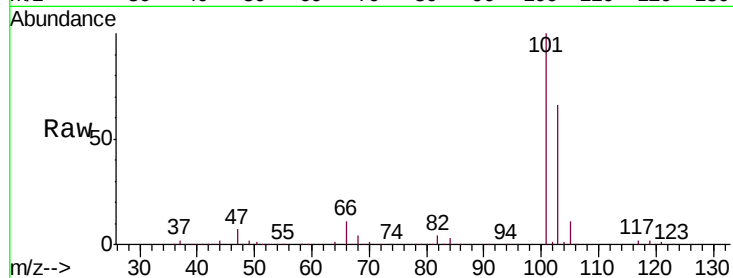


#7

Trichlorofluoromethane
Concen: 49.174 ug/l
RT: 1.87 min Scan# 242
Delta R.T. -0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

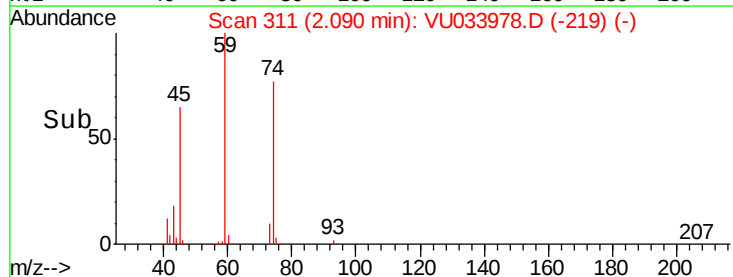
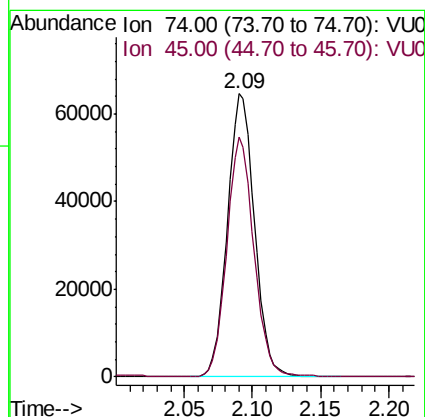
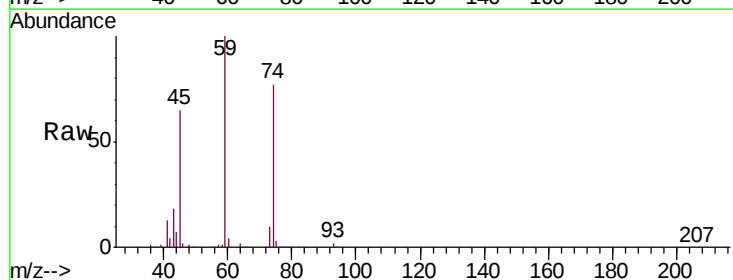
Tgt Ion: 101 Resp: 231796
Ion Ratio Lower Upper
101 100
103 65.6 52.0 78.0

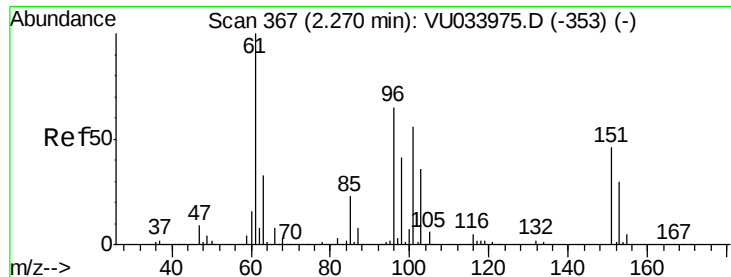


#8

Diethyl Ether
Concen: 49.931 ug/l
RT: 2.09 min Scan# 311
Delta R.T. -0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Tgt Ion: 74 Resp: 89278
Ion Ratio Lower Upper
74 100
45 84.7 42.8 128.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.386 ug/l

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU082819

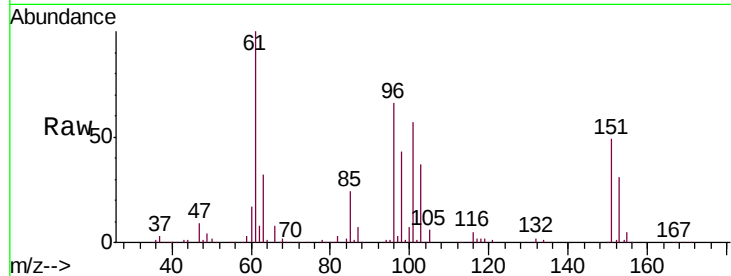
Tgt Ion:101 Resp: 148674

Ion Ratio Lower Upper

101 100

85 41.9 33.4 50.0

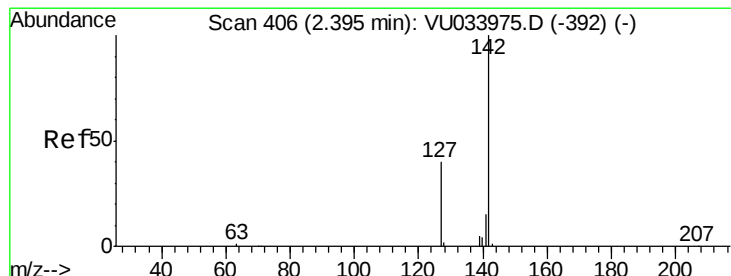
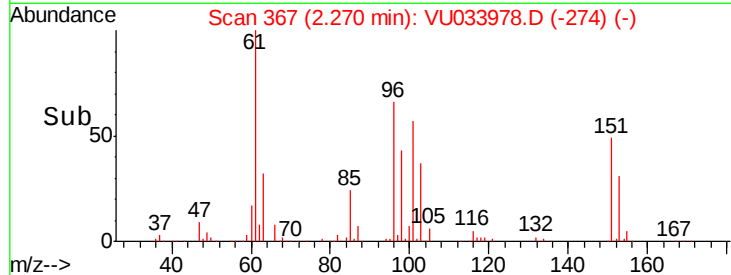
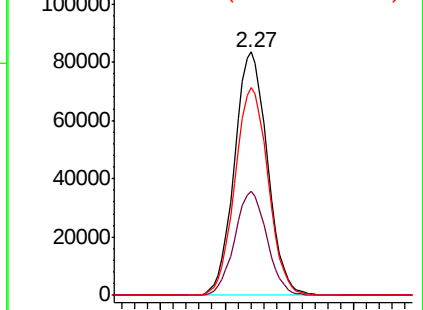
151 85.9 67.6 101.4



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: 49.324 ug/l

RT: 2.39 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

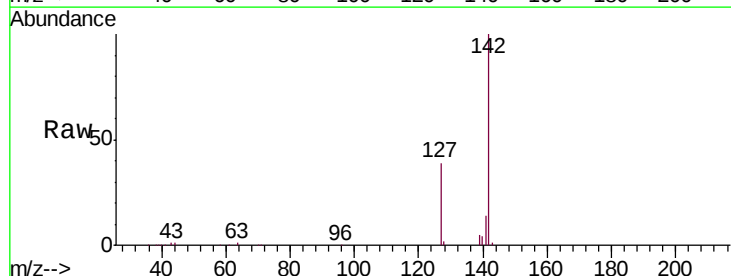
Tgt Ion:142 Resp: 222369

Ion Ratio Lower Upper

142 100

127 39.7 32.2 48.2

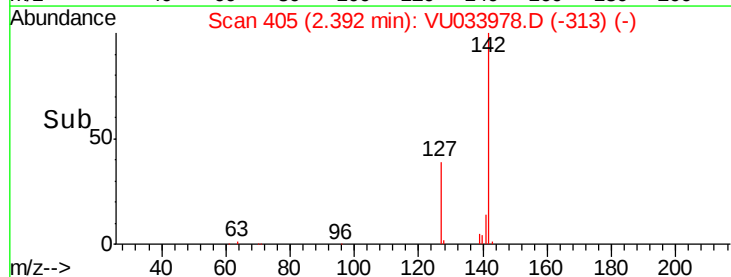
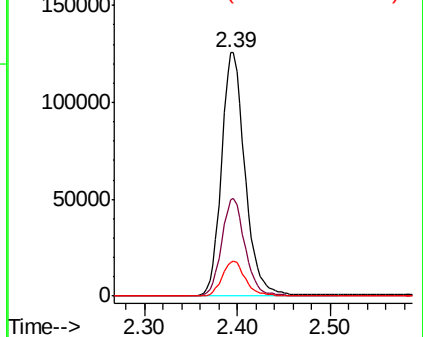
141 14.3 11.8 17.8

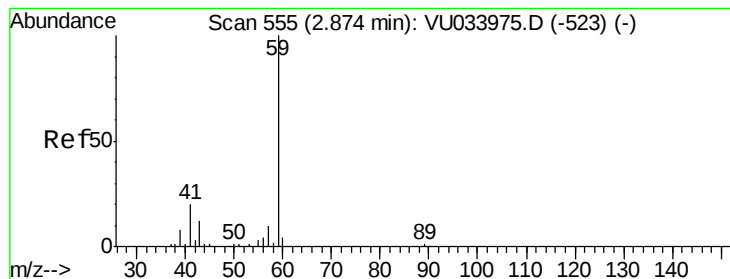


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



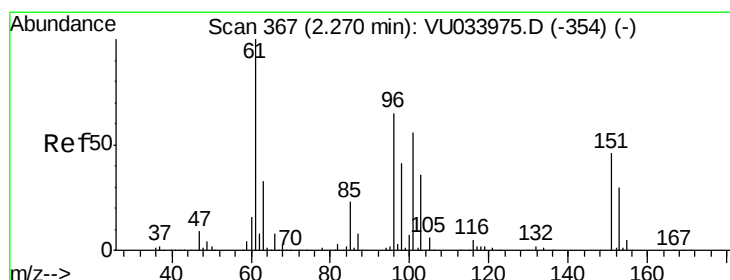
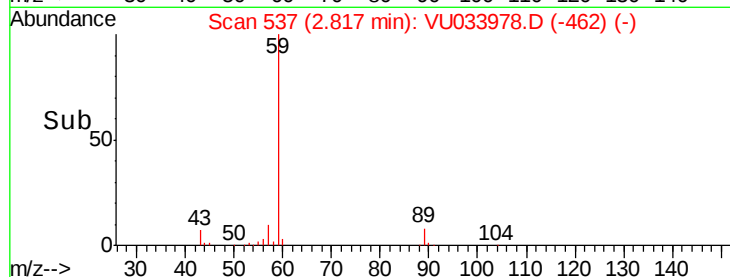
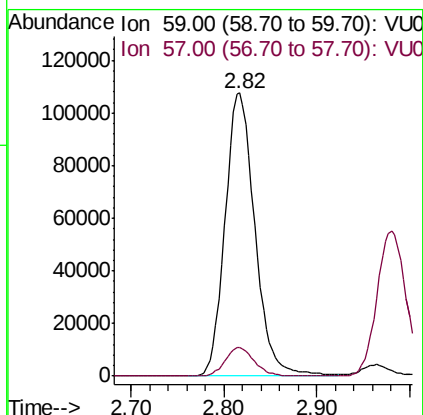
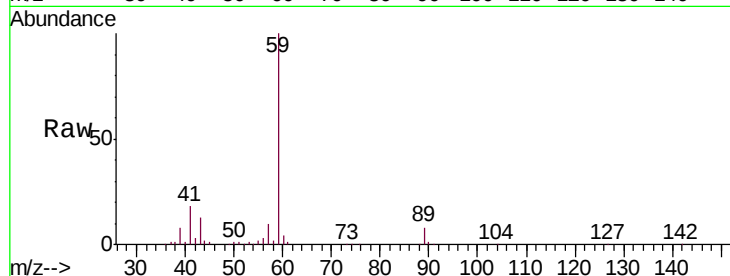


#11

Tert butyl alcohol
 Concen: 234.250 ug/l
 RT: 2.82 min Scan# 537
 Delta R.T. -0.06 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU082819

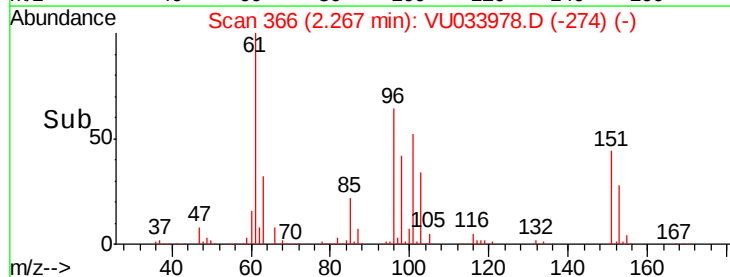
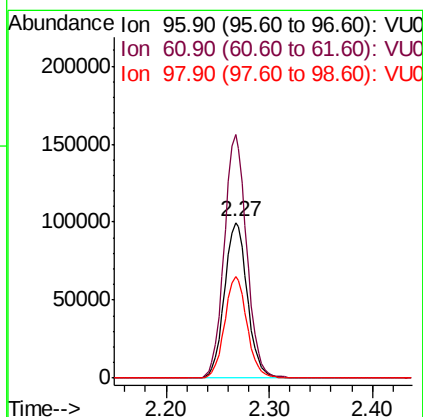
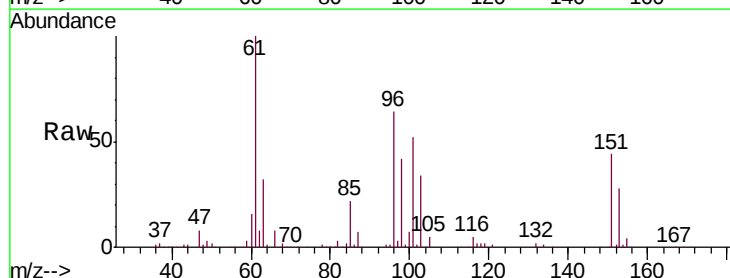
Tgt Ion: 59 Resp: 240489
 Ion Ratio Lower Upper
 59 100
 57 9.9 3.9 5.9#

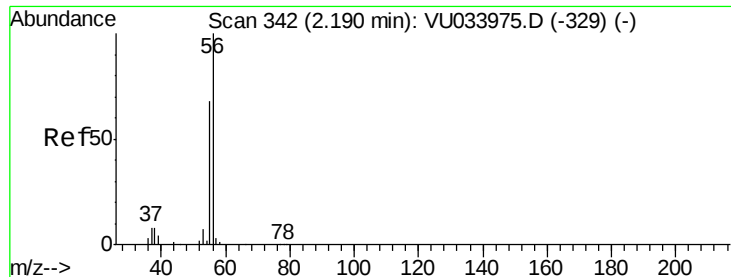


#12

1,1-Dichloroethene
 Concen: 48.860 ug/l
 RT: 2.27 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

Tgt Ion: 96 Resp: 153528
 Ion Ratio Lower Upper
 96 100
 61 156.6 123.3 184.9
 98 65.6 50.5 75.7

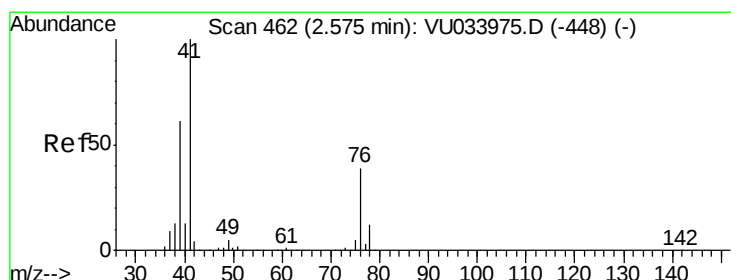
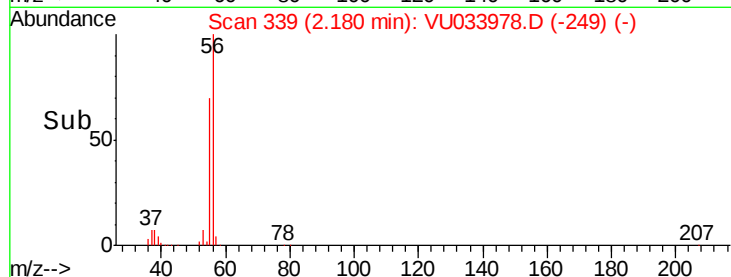
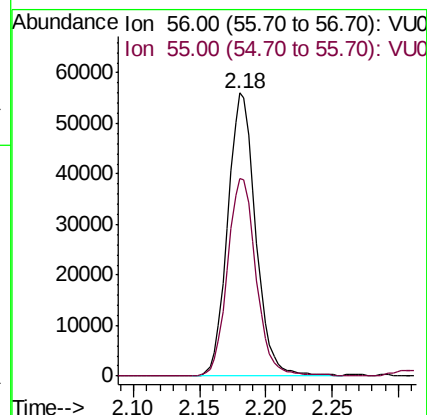
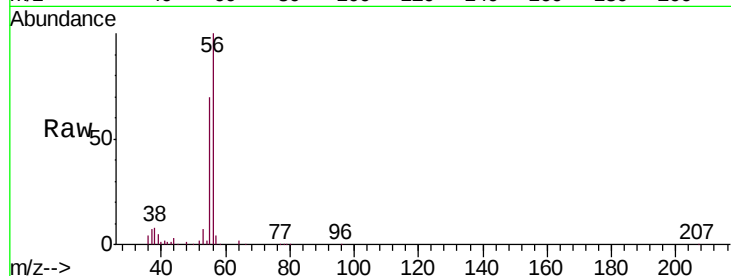




#13
Acrolein
Concen: 252.692 ug/l
RT: 2.18 min Scan# 339
Delta R.T. -0.01 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

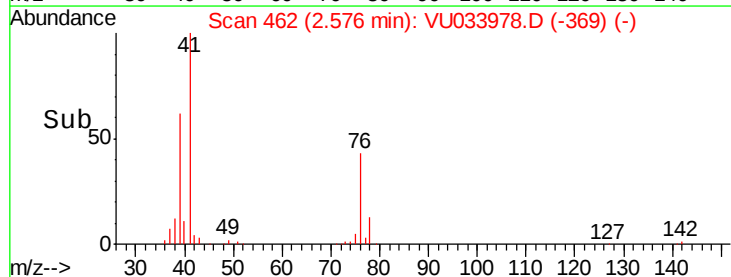
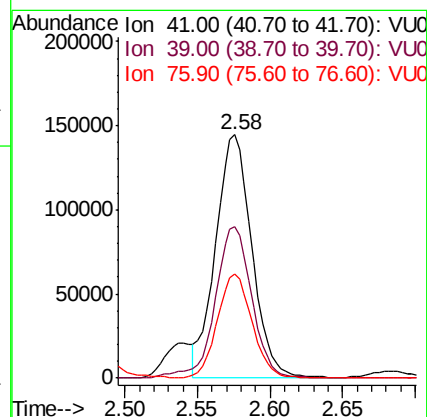
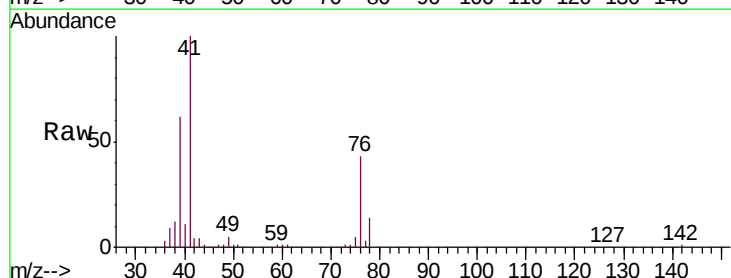
Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

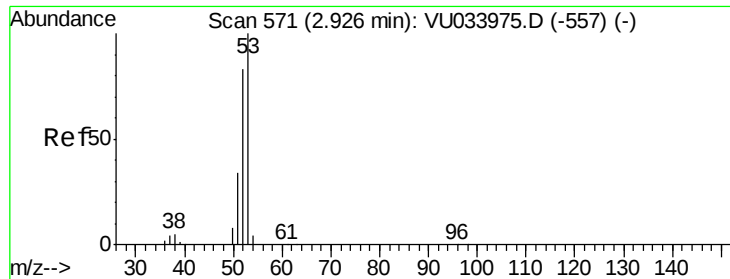
Tgt Ion: 56 Resp: 82386
Ion Ratio Lower Upper
56 100
55 71.4 58.0 87.0



#14
Allyl chloride
Concen: 44.933 ug/l
RT: 2.58 min Scan# 462
Delta R.T. 0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Tgt Ion: 41 Resp: 249988
Ion Ratio Lower Upper
41 100
39 63.1 45.9 68.9
76 40.5 29.4 44.2

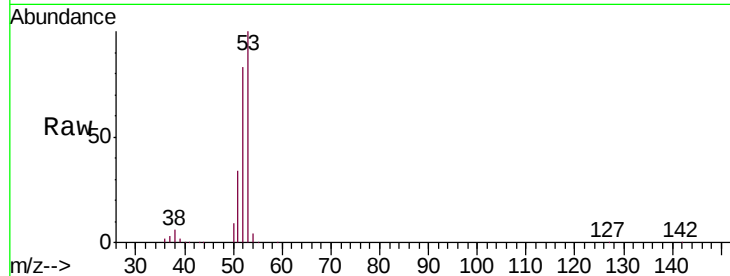




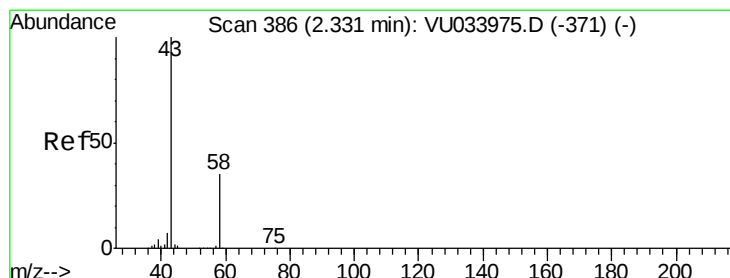
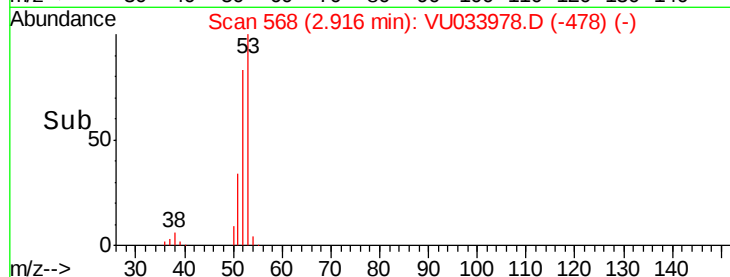
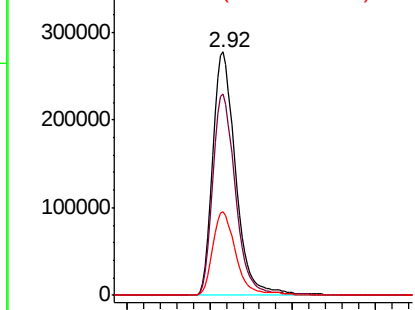
#15
 Acrylonitrile
 Concen: 258.624 ug/l
 RT: 2.92 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU082819

Tgt Ion: 53 Resp: 536747
 Ion Ratio Lower Upper
 53 100
 52 81.9 66.7 100.1
 51 34.9 27.5 41.3

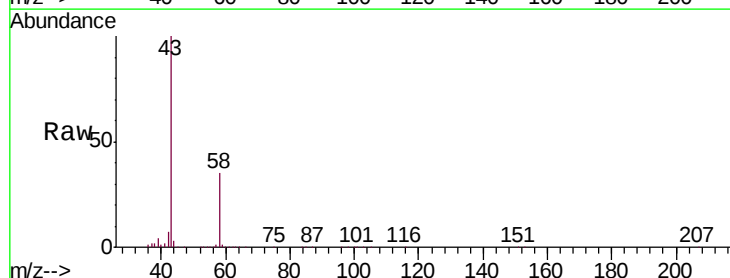


Abundance Ion 53.00 (52.70 to 53.70): VU0
 Ion 52.00 (51.70 to 52.70): VU0
 Ion 51.00 (50.70 to 51.70): VU0

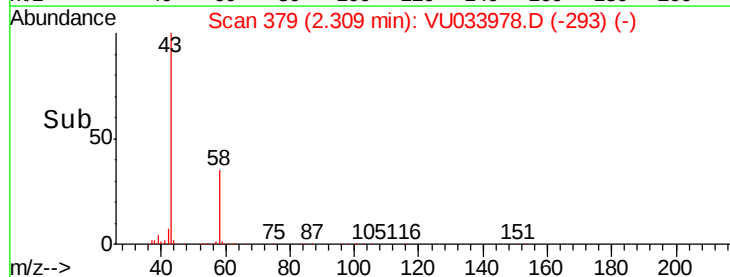
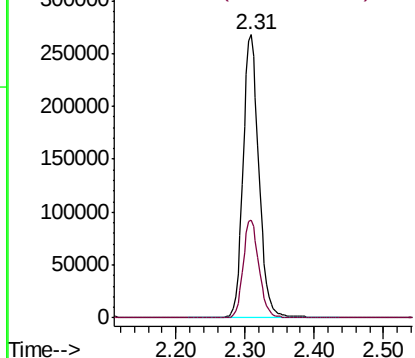


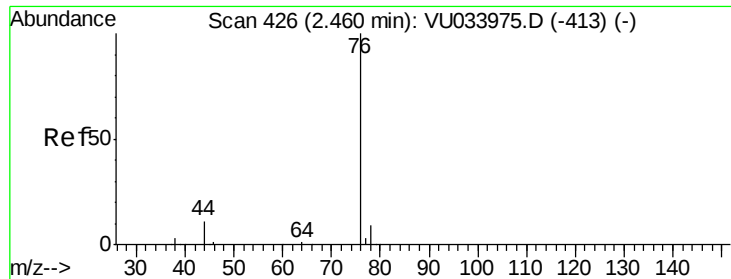
#16
 Acetone
 Concen: 224.617 ug/l
 RT: 2.31 min Scan# 379
 Delta R.T. -0.02 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

Tgt Ion: 43 Resp: 426150
 Ion Ratio Lower Upper
 43 100
 58 34.6 28.0 42.0



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





#17

Carbon Disulfide

Concen: 49.031 ug/l

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

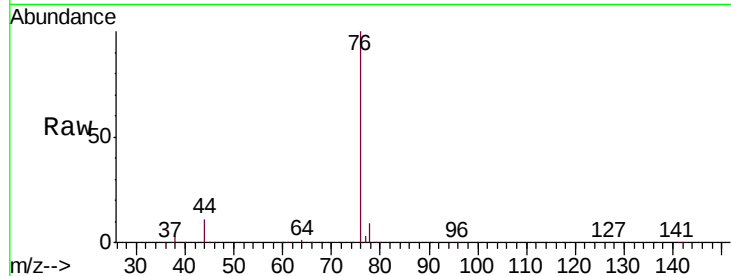
ICVVU082819

Tgt Ion: 76 Resp: 505918

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VU033975.D (-413) (-)

Ion 77.90 (77.60 to 78.60): VU033978.D (-333) (-)

2.46

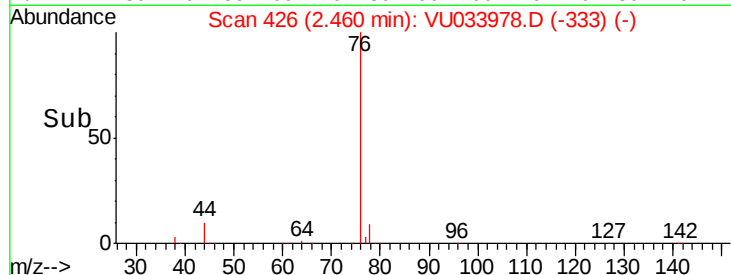
300000

200000

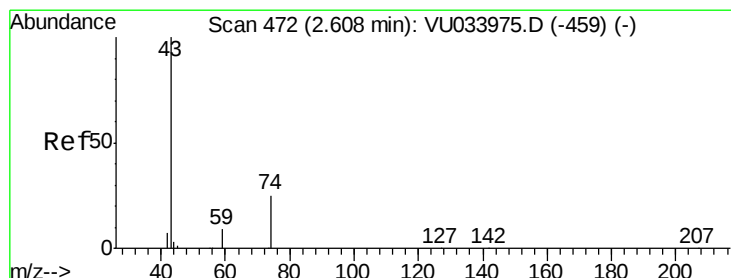
100000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 50.930 ug/l

RT: 2.60 min Scan# 469

Delta R.T. -0.01 min

Lab File: VU033978.D

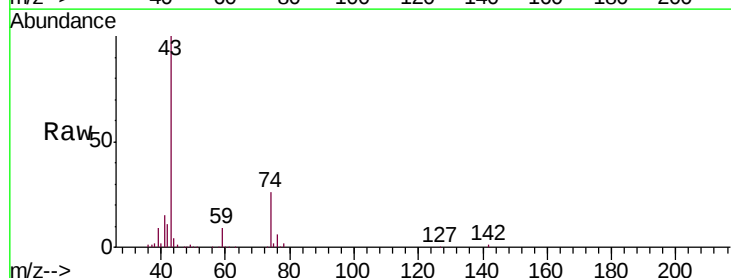
Acq: 27 Aug 2019 17:06

Tgt Ion: 43 Resp: 237992

Ion Ratio Lower Upper

43 100

74 25.2 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-459) (-)

Ion 74.00 (73.70 to 74.70): VU033978.D (-379) (-)

2.60

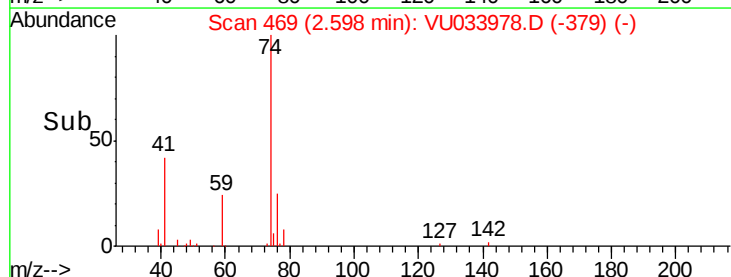
150000

100000

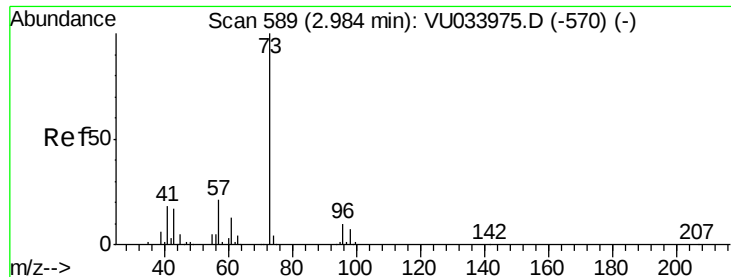
50000

0

Time-->



Time-->



#19

Methyl tert-butyl Ether

Concen: 51.895 ug/l

RT: 2.98 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

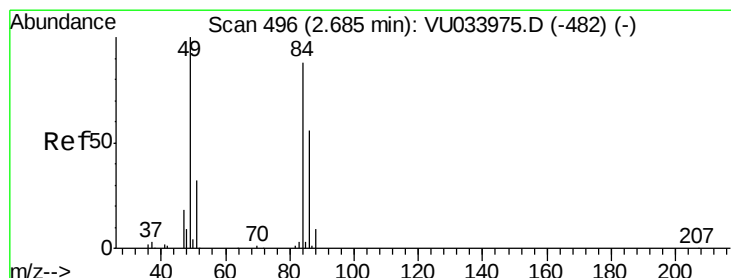
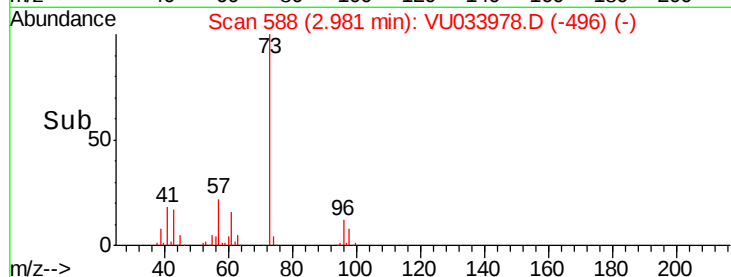
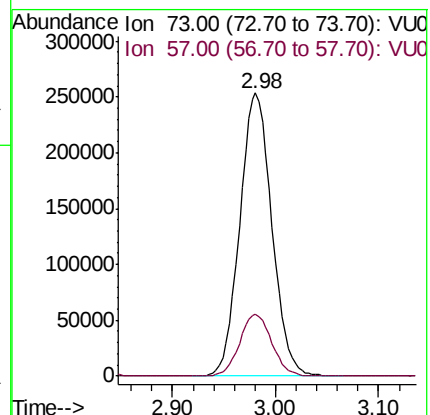
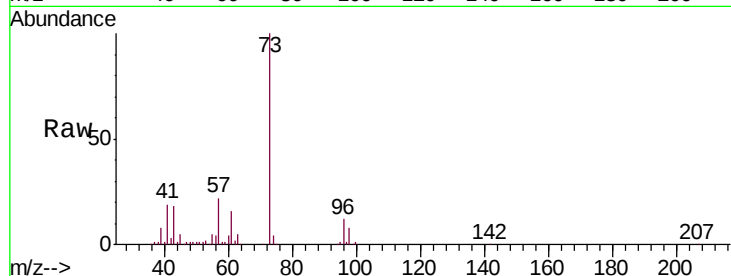
ICVVU082819

Tgt Ion: 73 Resp: 547781

Ion Ratio Lower Upper

73 100

57 21.8 17.5 26.3



#20

Methylene Chloride

Concen: 47.184 ug/l

RT: 2.68 min Scan# 495

Delta R.T. -0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Tgt Ion: 84 Resp: 189924

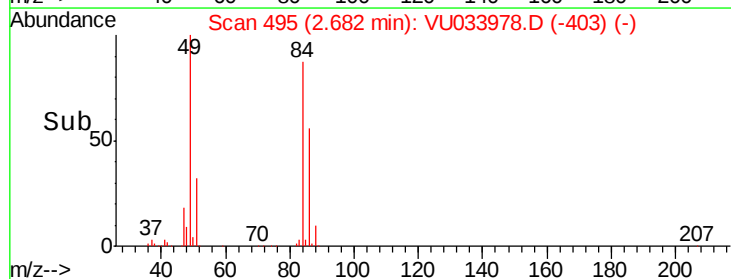
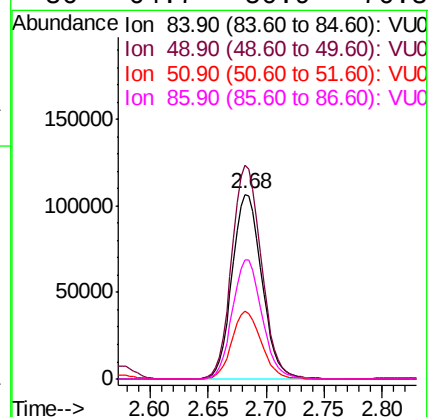
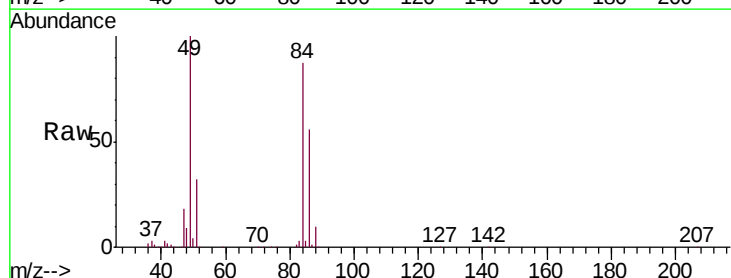
Ion Ratio Lower Upper

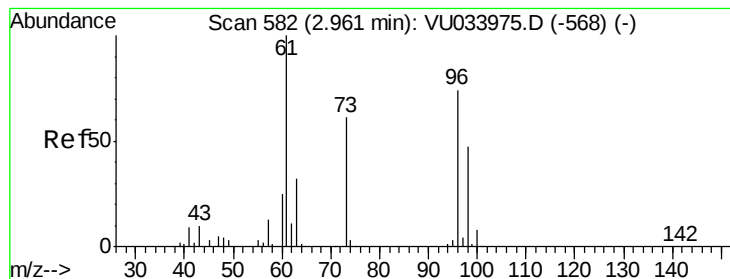
84 100

49 115.6 91.3 136.9

51 36.8 28.9 43.3

86 64.7 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 49.344 ug/l

RT: 2.96 min Scan# 582

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU082819

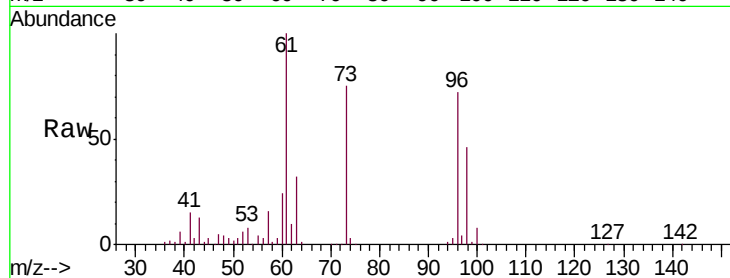
Tgt Ion: 96 Resp: 176779

Ion Ratio Lower Upper

96 100

61 138.6 108.2 162.2

98 64.0 50.3 75.5

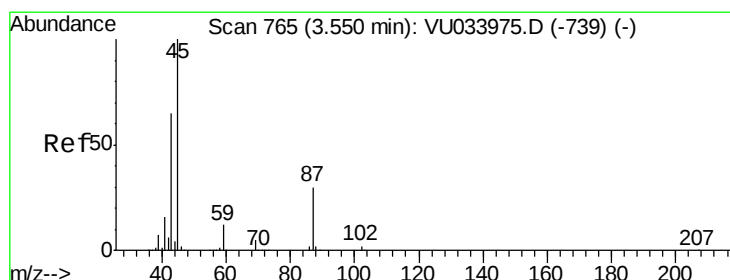
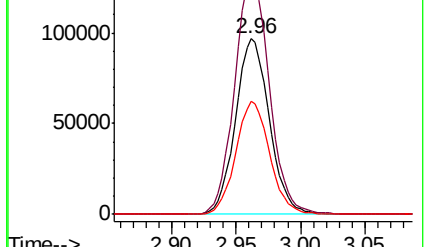
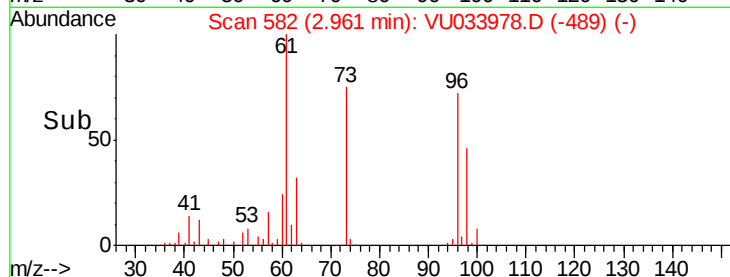


Abundance Ion 95.90 (95.60 to 96.60): VU033978.D (-568) (-)

Ion 60.90 (60.60 to 61.60): VU033978.D (-568) (-)

Ion 97.90 (97.60 to 98.60): VU033978.D (-568) (-)

Time-->



#22

Diisopropyl ether

Concen: 51.081 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Tgt Ion: 45 Resp: 522156

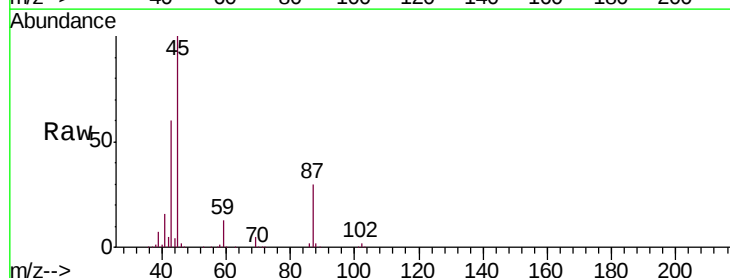
Ion Ratio Lower Upper

45 100

43 59.7 51.6 77.4

87 30.2 24.4 36.6

59 12.7 9.8 14.6



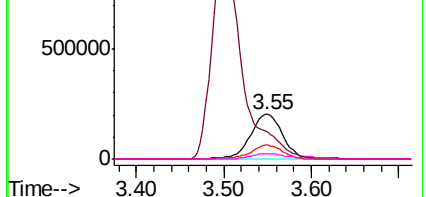
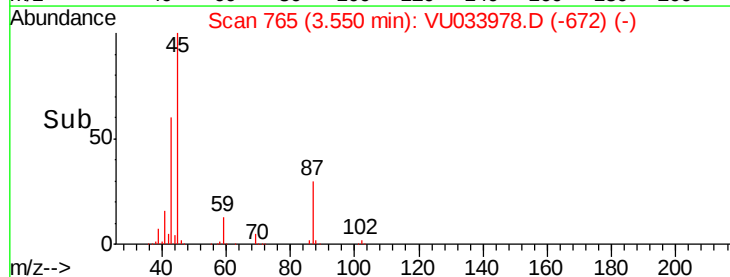
Abundance Ion 45.00 (44.70 to 45.70): VU033978.D (-672) (-)

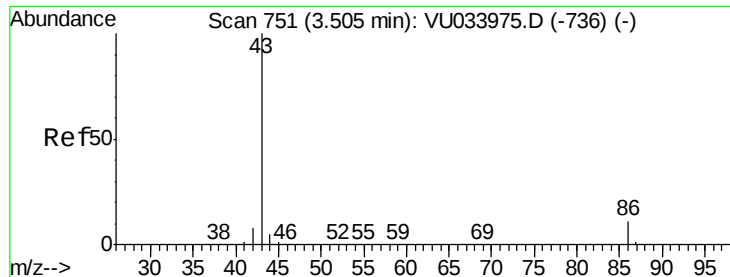
Ion 43.00 (42.70 to 43.70): VU033978.D (-672) (-)

Ion 87.00 (86.70 to 87.70): VU033978.D (-672) (-)

Ion 59.00 (58.70 to 59.70): VU033978.D (-672) (-)

Time-->





#23

Vinyl Acetate

Concen: 265.488 ug/l

RT: 3.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

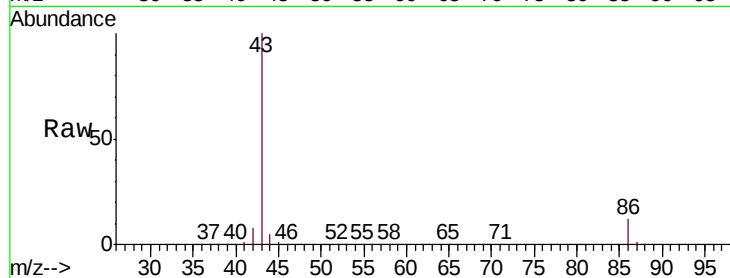
ICVVU082819

Tgt Ion: 43 Resp: 2305572

Ion Ratio Lower Upper

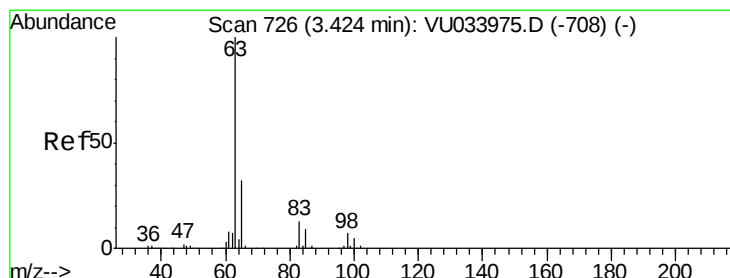
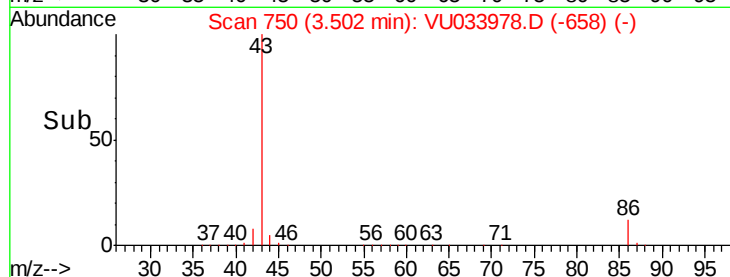
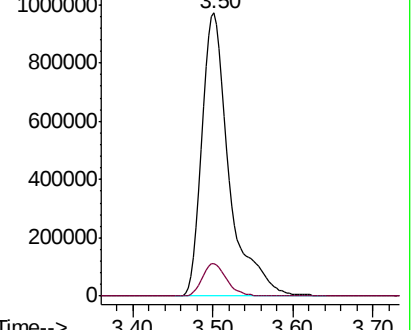
43 100

86 11.6 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VU033978.D (-658) (-)

Ion 86.00 (85.70 to 86.70): VU033978.D (-658) (-)



#24

1,1-Dichloroethane

Concen: 49.567 ug/l

RT: 3.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

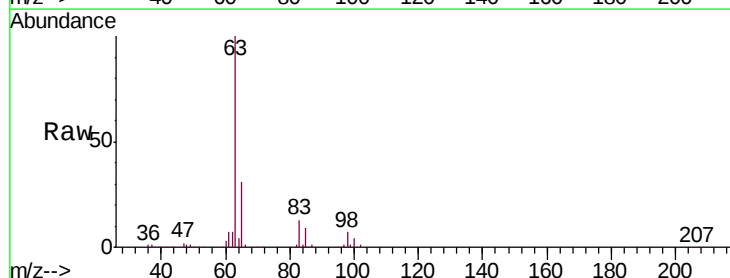
Tgt Ion: 63 Resp: 317229

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

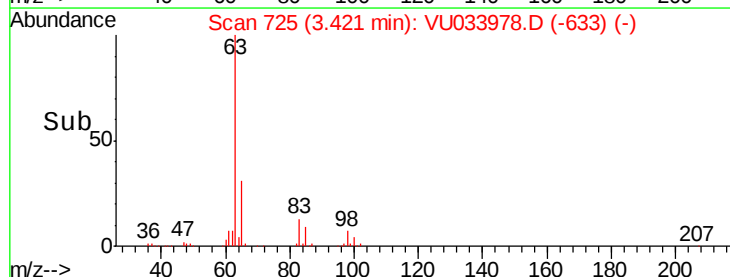
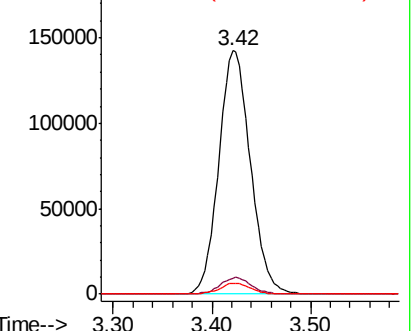
100 4.2 2.3 6.8

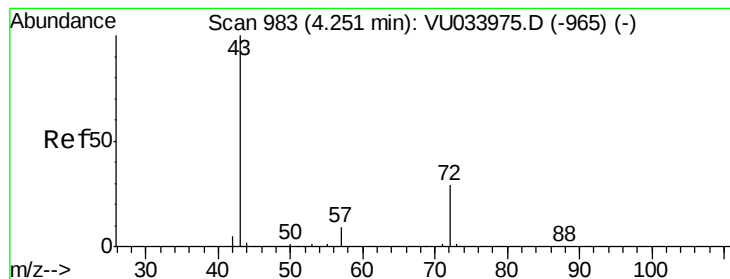


Abundance Ion 62.90 (62.60 to 63.60): VU033978.D (-633) (-)

Ion 97.90 (97.60 to 98.60): VU033978.D (-633) (-)

Ion 99.90 (99.60 to 100.60): VU033978.D (-633) (-)





#25

2-Butanone

Concen: 258.562 ug/l

RT: 4.23 min Scan# 978

Delta R.T. -0.02 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

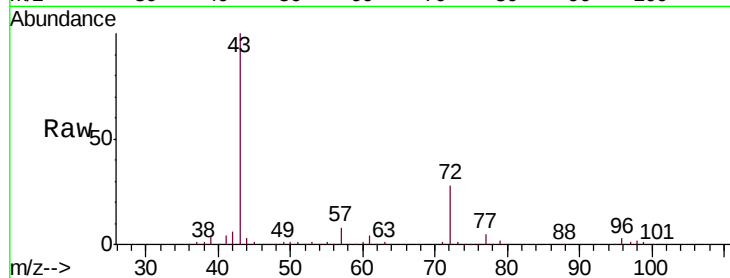
ICVVU082819

Tgt Ion: 43 Resp: 703183

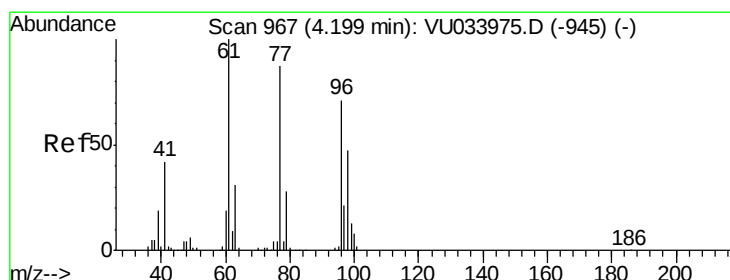
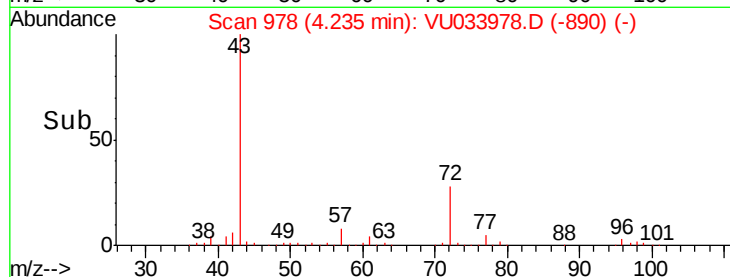
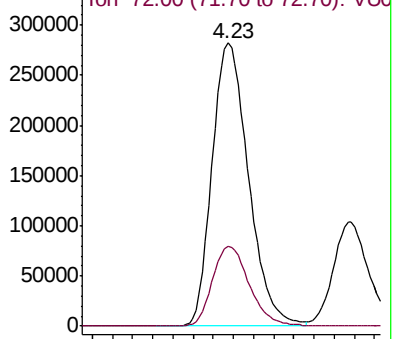
Ion Ratio Lower Upper

43 100

72 28.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VU033978.D (-965) (-)



#26

2,2-Dichloropropane

Concen: 48.235 ug/l

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033978.D

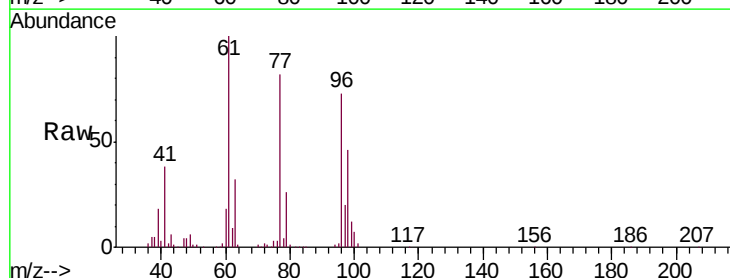
Acq: 27 Aug 2019 17:06

Tgt Ion: 77 Resp: 261024

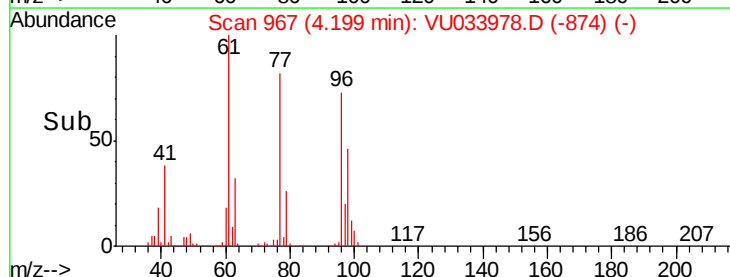
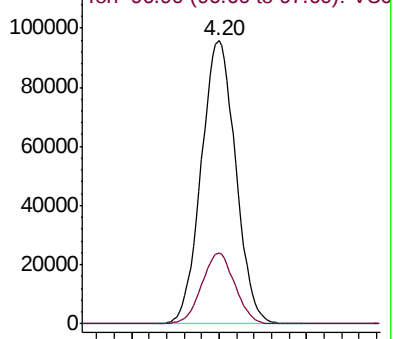
Ion Ratio Lower Upper

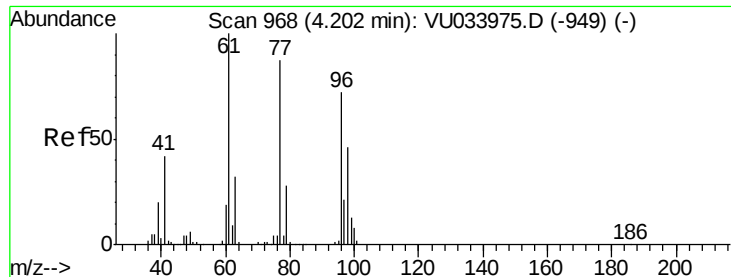
77 100

97 24.2 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VU033978.D (-945) (-)



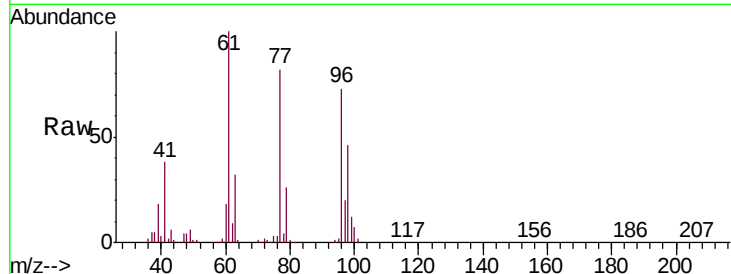


#27

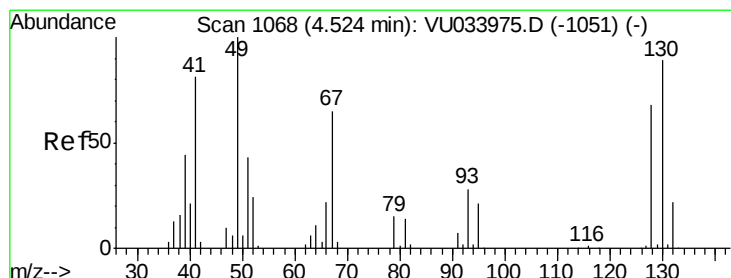
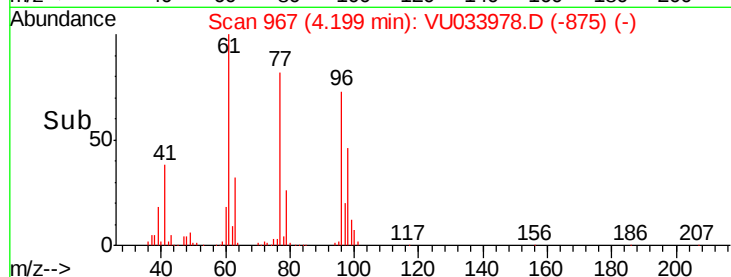
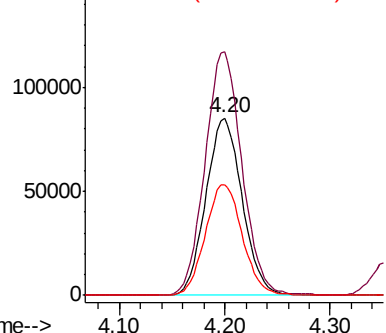
cis-1,2-Dichloroethene
Concen: 50.908 ug/l
RT: 4.20 min Scan# 967
Delta R.T. -0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

Tgt Ion	Resp	Lower	Upper
96	204163		
61	139.5	0.0	287.2
98	63.9	0.0	131.8



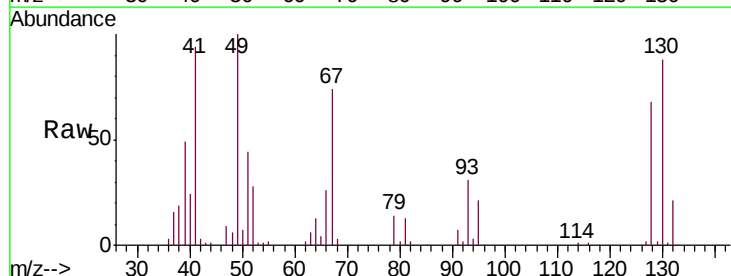
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



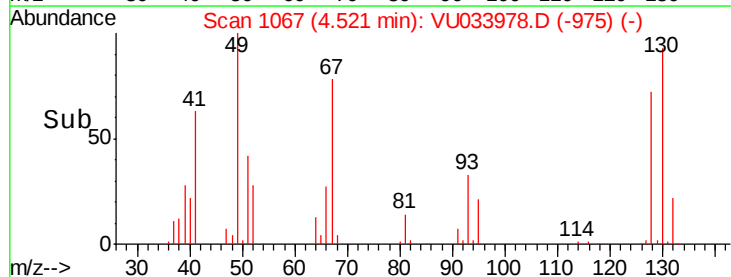
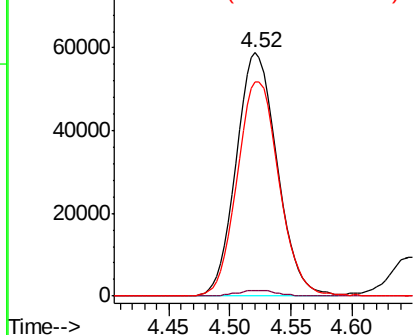
#28

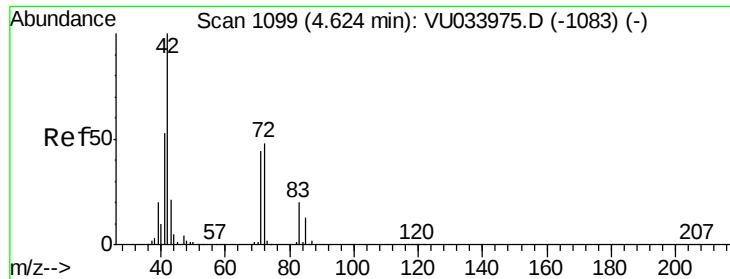
Bromochloromethane
Concen: 46.501 ug/l
RT: 4.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Tgt Ion	Resp	Lower	Upper
49	136927		
129	2.3	0.0	4.6
130	89.9	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: 260.442 ug/l

RT: 4.61 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU082819

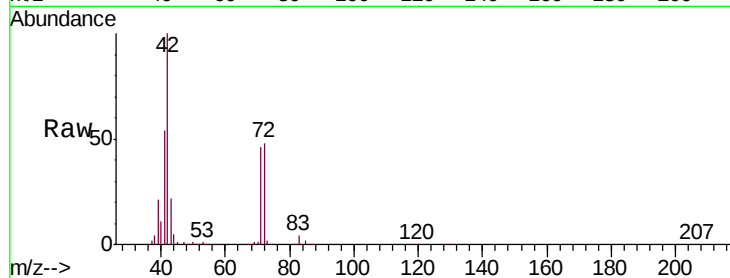
Tgt Ion: 42 Resp: 443020

Ion Ratio Lower Upper

42 100

72 48.0 38.9 58.3

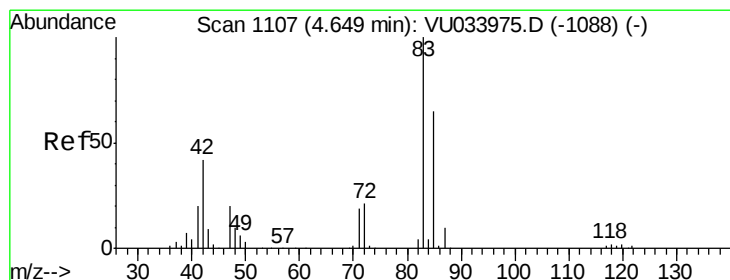
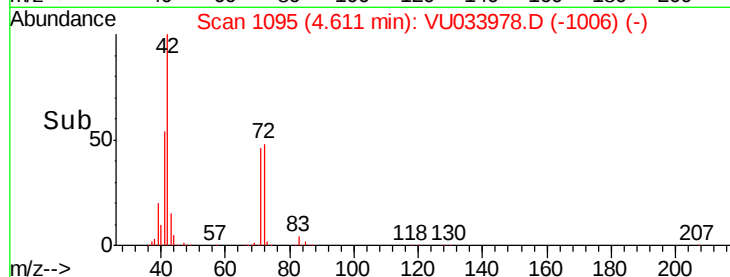
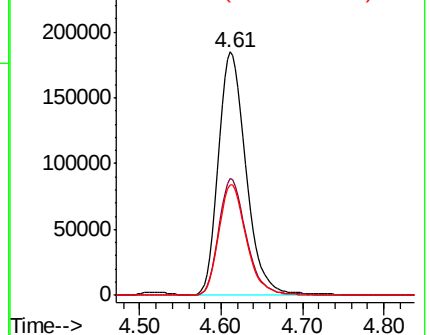
71 45.6 35.7 53.5



Abundance Ion 42.00 (41.70 to 42.70): VU033978.D (-1095) (-)

Ion 72.00 (71.70 to 72.70): VU033978.D (-1095) (-)

Ion 71.00 (70.70 to 71.70): VU033978.D (-1095) (-)



#30

Chloroform

Concen: 47.741 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033978.D

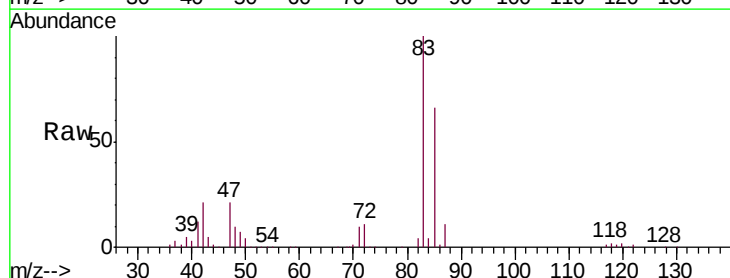
Acq: 27 Aug 2019 17:06

Tgt Ion: 83 Resp: 312867

Ion Ratio Lower Upper

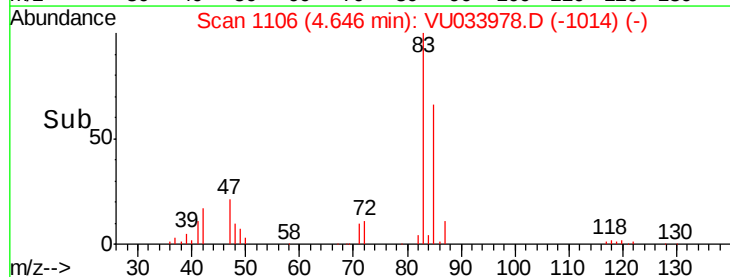
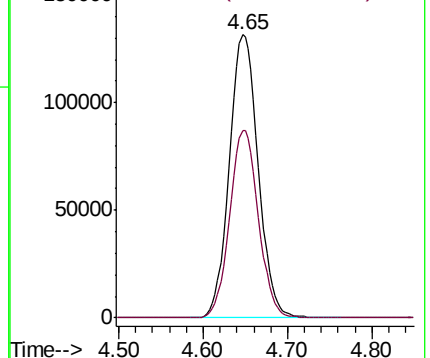
83 100

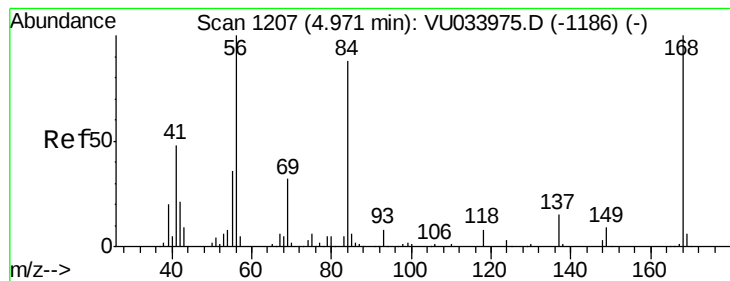
85 66.3 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VU033978.D (-1106) (-)

Ion 84.90 (84.60 to 85.60): VU033978.D (-1106) (-)





#31

Cyclohexane

Concen: 49.113 ug/l

RT: 4.97 min Scan# 1207

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU082819

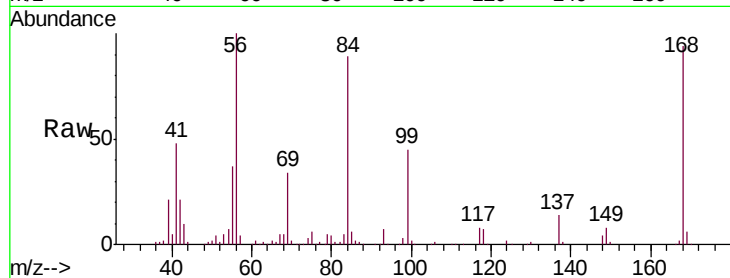
Tgt Ion: 56 Resp: 287029

Ion Ratio Lower Upper

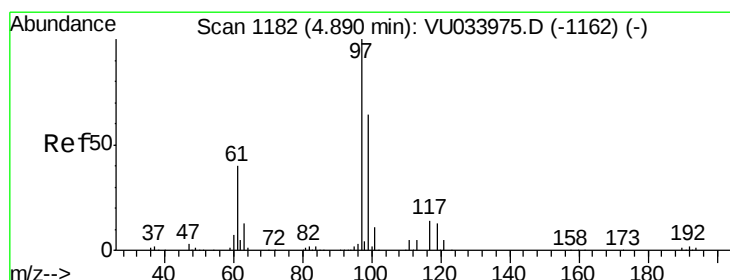
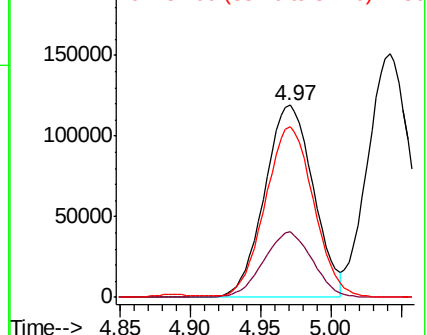
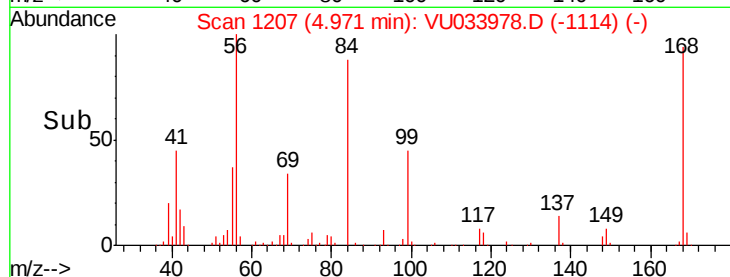
56 100

69 33.9 25.9 38.9

84 88.0 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 49.911 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

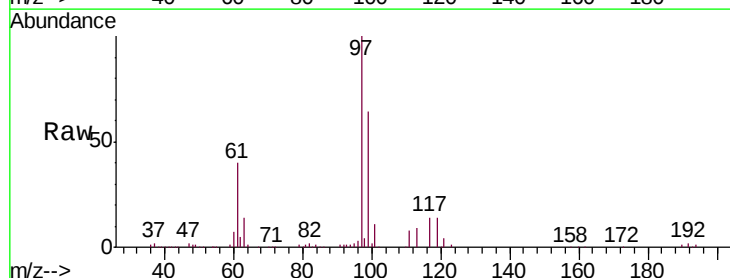
Tgt Ion: 97 Resp: 275366

Ion Ratio Lower Upper

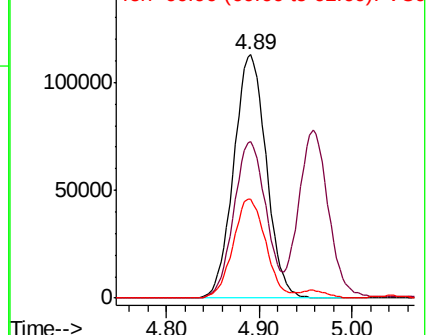
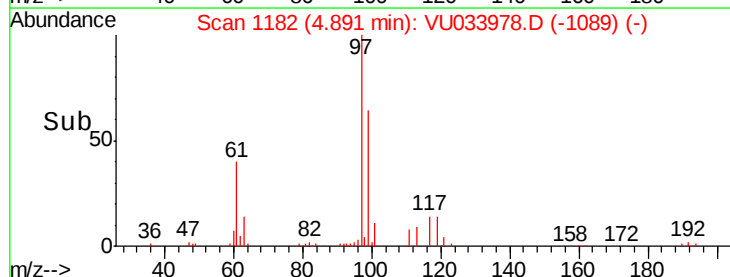
97 100

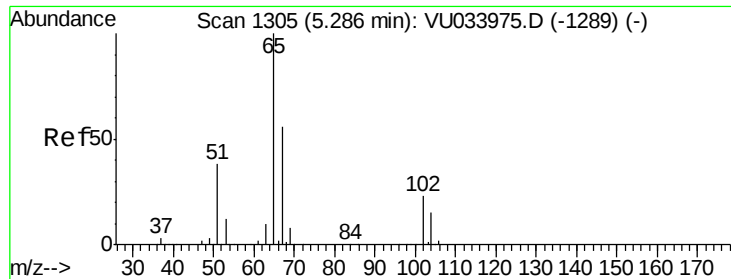
99 64.0 51.6 77.4

61 40.7 32.7 49.1



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

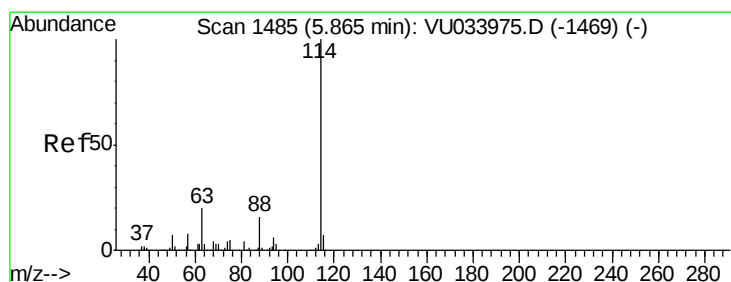
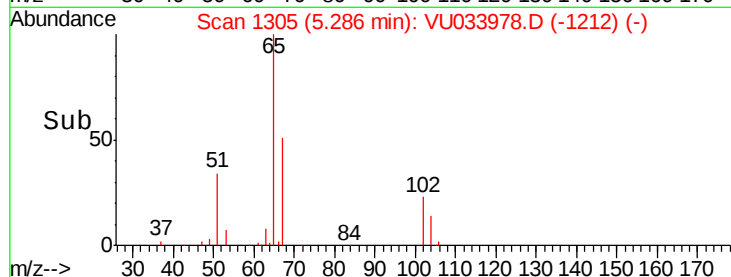
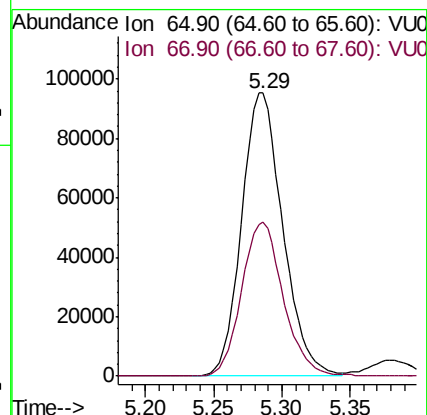
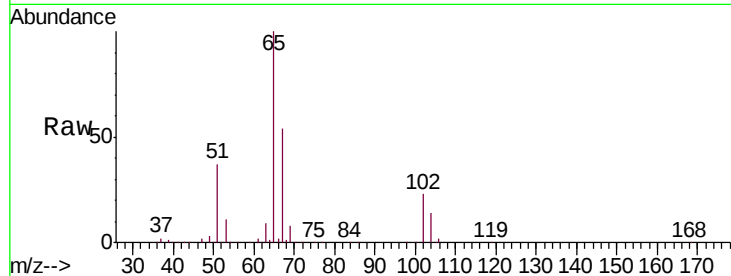




#33
 1,2-Dichloroethane-d4
 Concen: 50.380 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

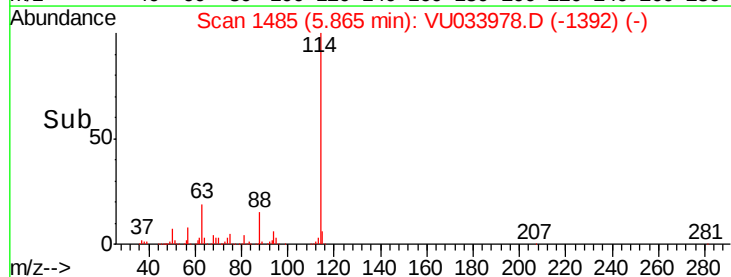
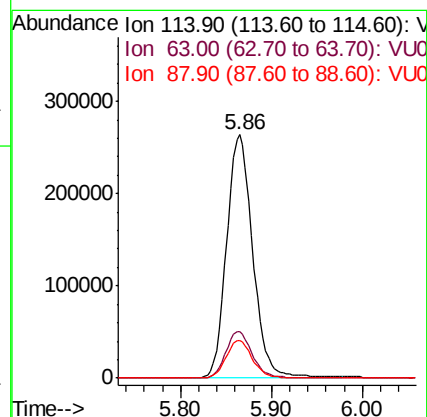
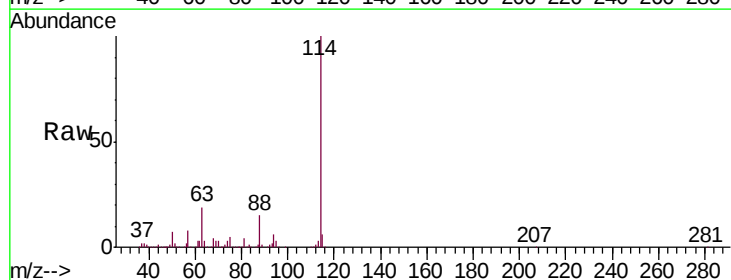
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU082819

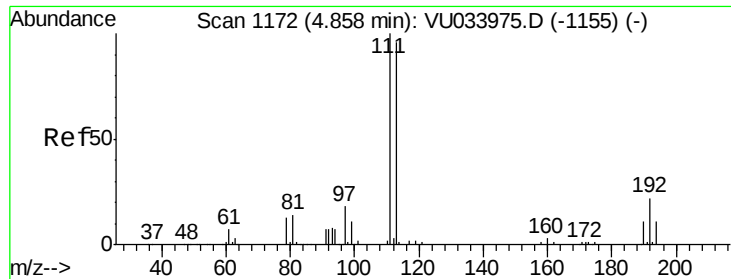
Tgt Ion: 65 Resp: 199686
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

Tgt Ion: 114 Resp: 528241
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.4 0.0 31.2

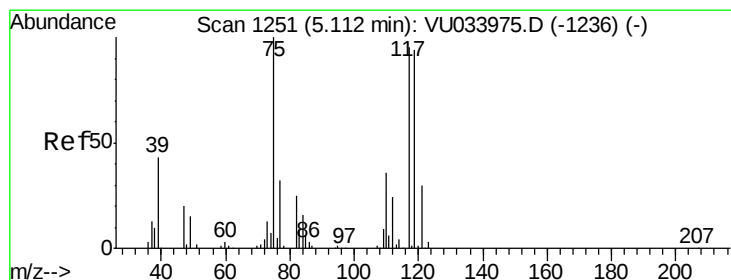
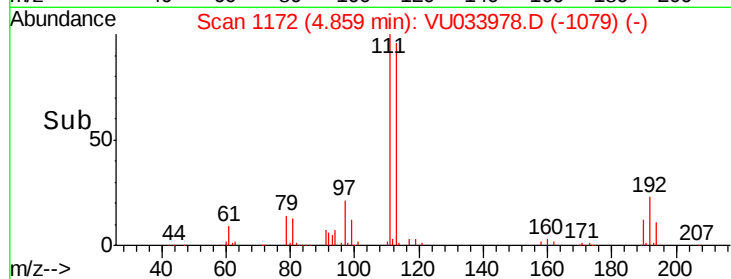
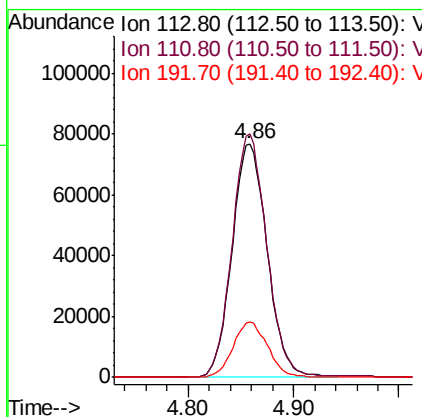
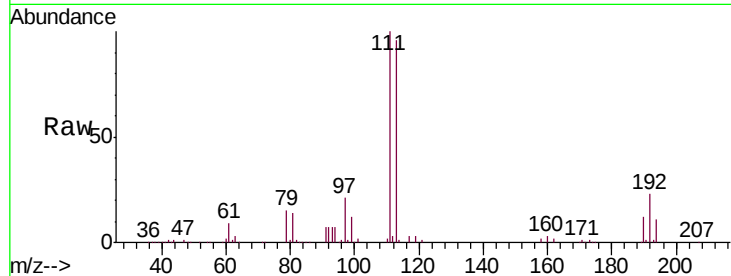




#35
 Dibromofluoromethane
 Concen: 50.197 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

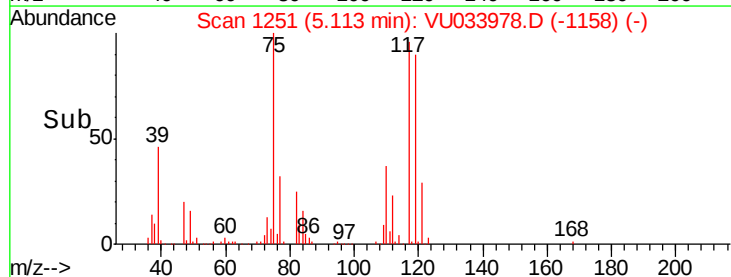
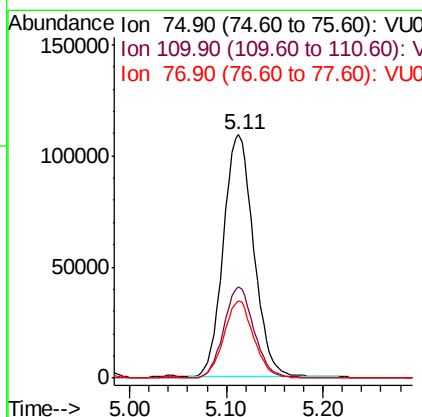
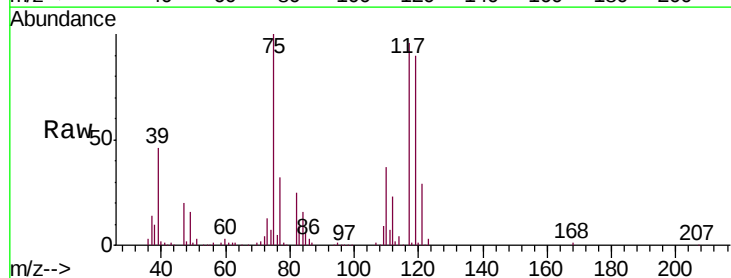
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU082819

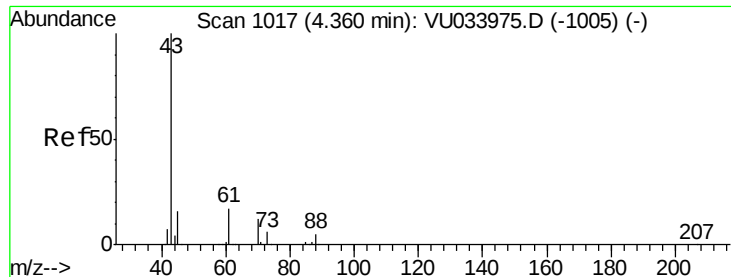
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	23.3	18.6	27.8



#36
 1,1-Dichloropropene
 Concen: 49.040 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.2	54.6
77	31.0	24.8	37.2

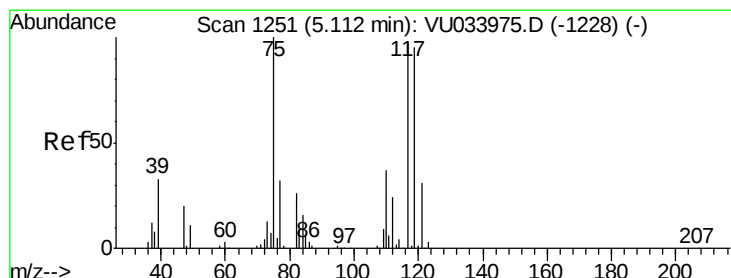
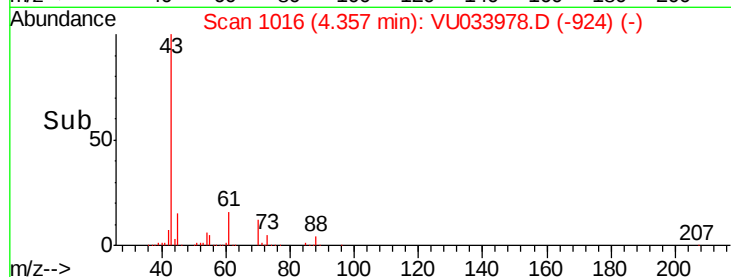
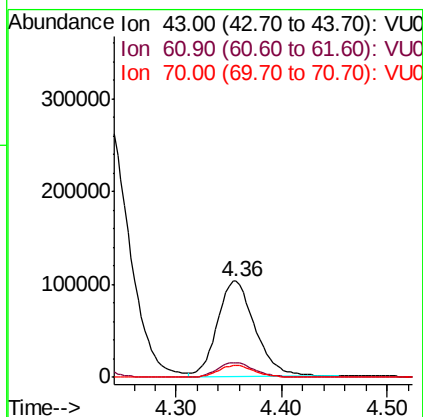
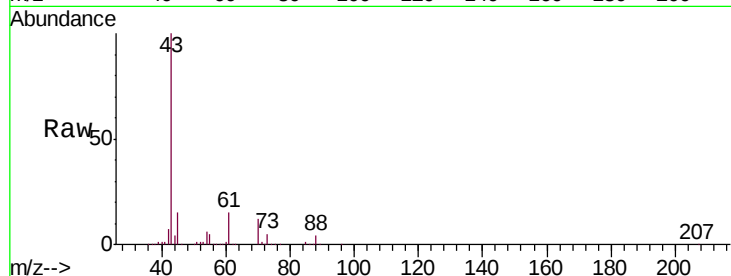




#37
Ethyl Acetate
Concen: 52.116 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

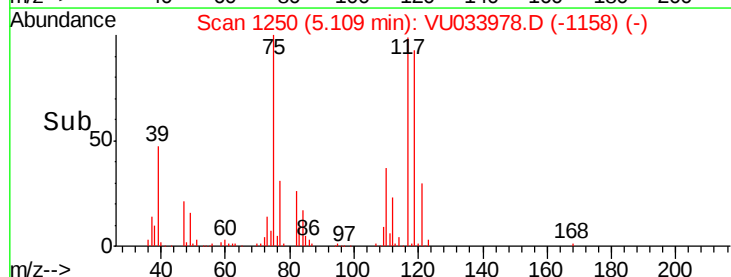
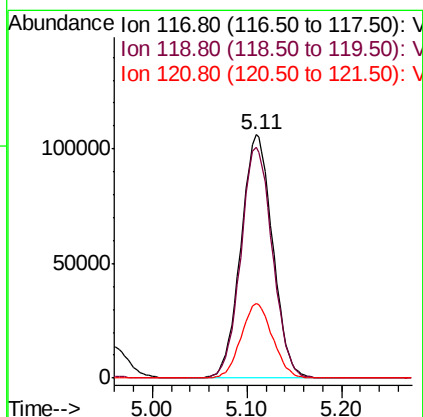
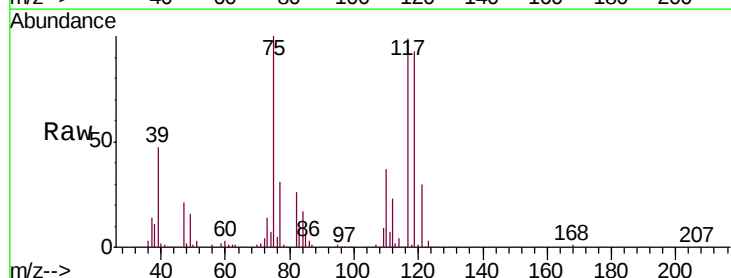
Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

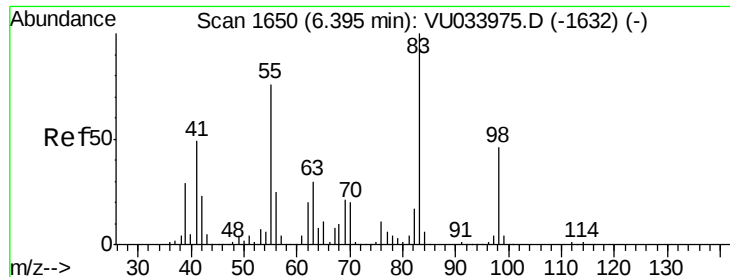
Tgt Ion: 43 Resp: 252907
Ion Ratio Lower Upper
43 100
61 15.3 12.0 18.0
70 12.4 9.2 13.8



#38
Carbon Tetrachloride
Concen: 50.232 ug/l
RT: 5.11 min Scan# 1250
Delta R.T. -0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Tgt Ion: 117 Resp: 247678
Ion Ratio Lower Upper
117 100
119 94.6 78.4 117.6
121 30.4 25.4 38.2

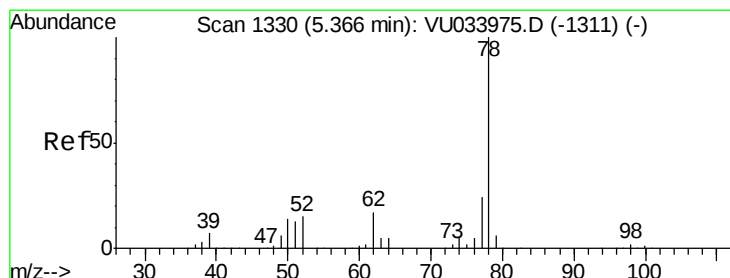
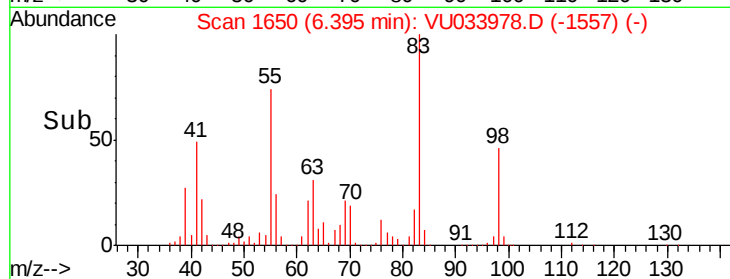
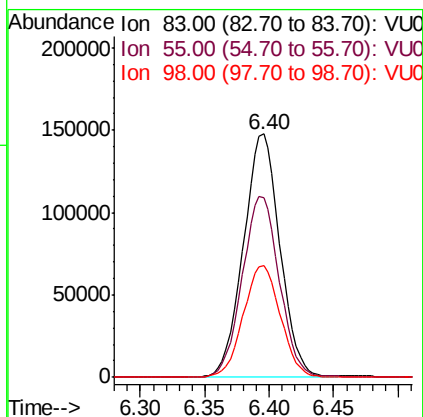
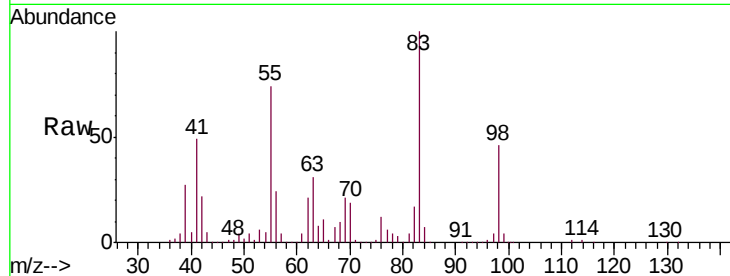




#39
Methylcyclohexane
Concen: 51.060 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

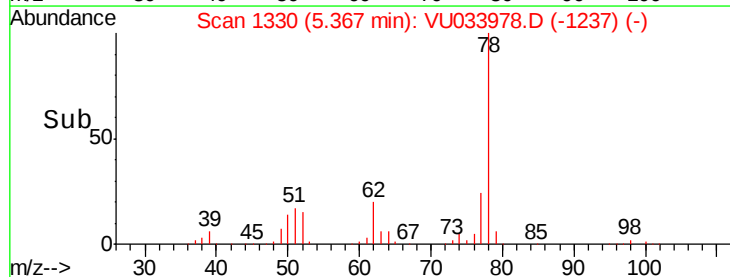
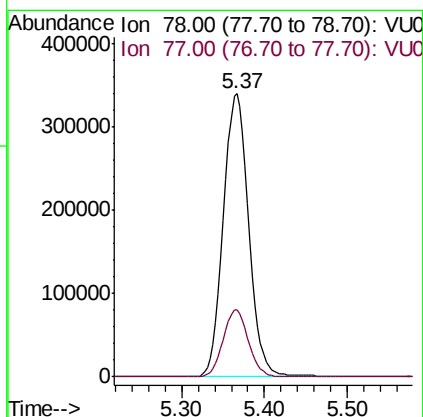
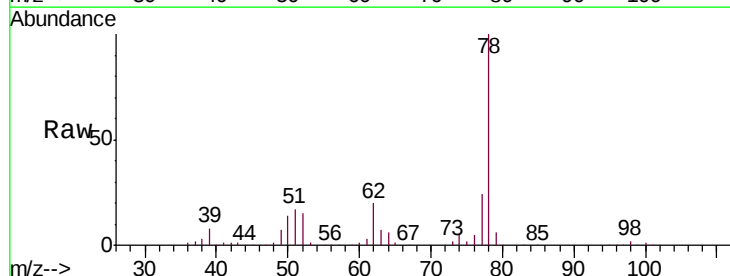
Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

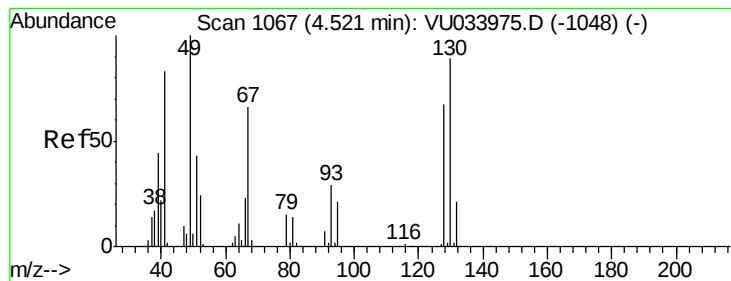
Tgt Ion: 83 Resp: 292317
Ion Ratio Lower Upper
83 100
55 73.7 60.8 91.2
98 45.7 36.5 54.7



#40
Benzene
Concen: 50.430 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Tgt Ion: 78 Resp: 725436
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8





#41

Methacrylonitrile

Concen: 54.321 ug/l

RT: 4.52 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU082819

Tgt Ion: 41 Resp: 136595

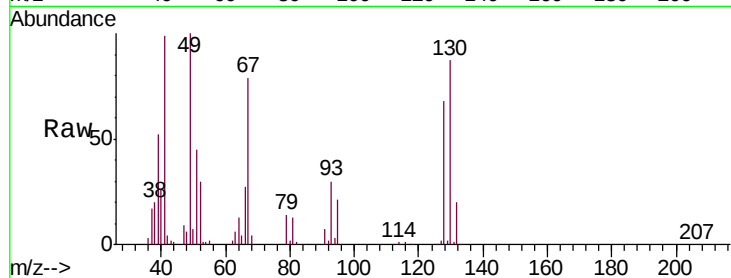
Ion Ratio Lower Upper

41 100

39 52.7 41.5 62.3

67 81.0 65.0 97.6

52 30.2 23.3 34.9



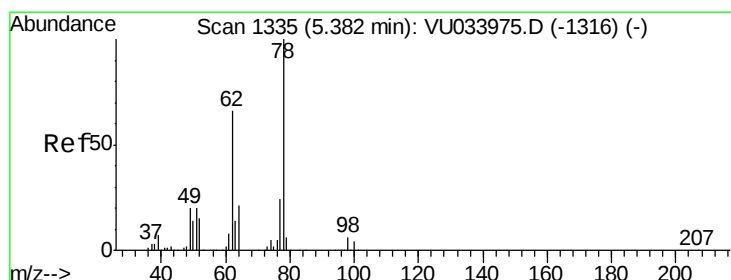
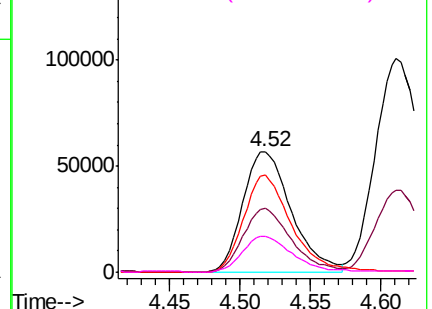
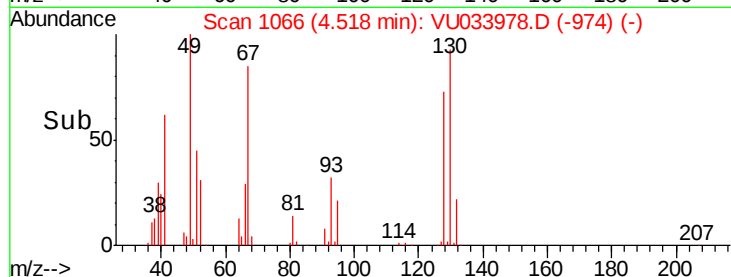
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 49.283 ug/l

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU033978.D

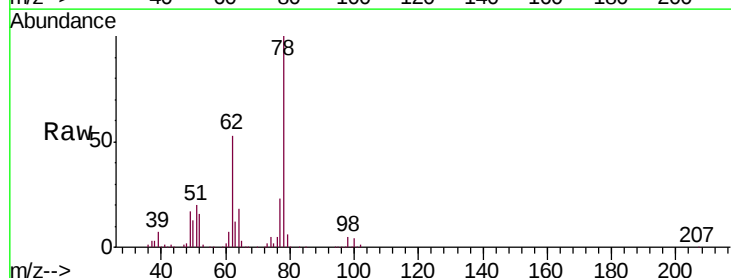
Acq: 27 Aug 2019 17:06

Tgt Ion: 62 Resp: 239733

Ion Ratio Lower Upper

62 100

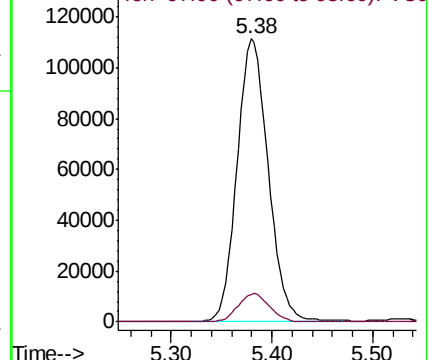
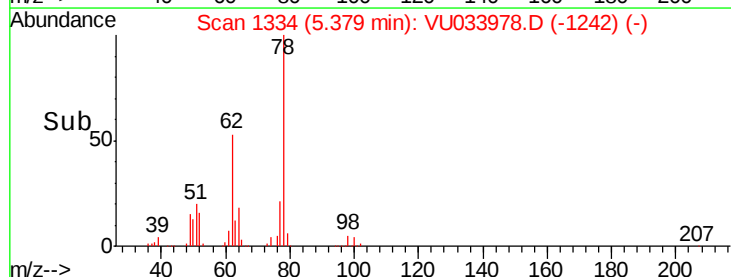
98 10.1 0.0 20.0

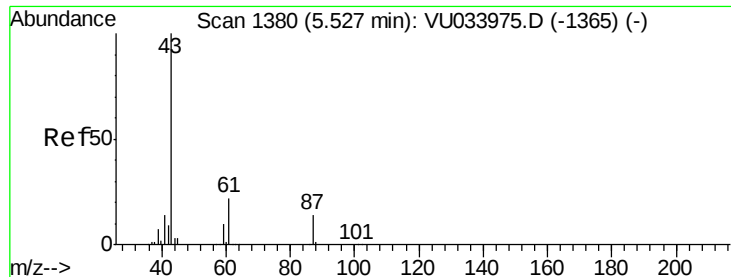


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 52.863 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU082819

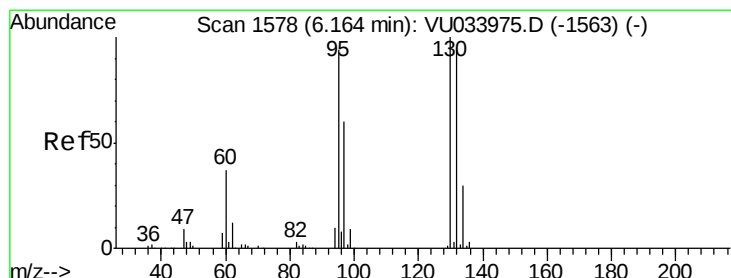
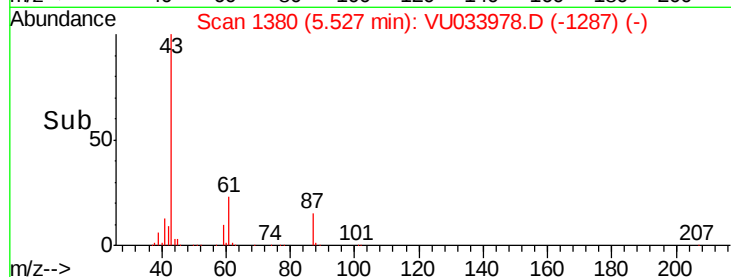
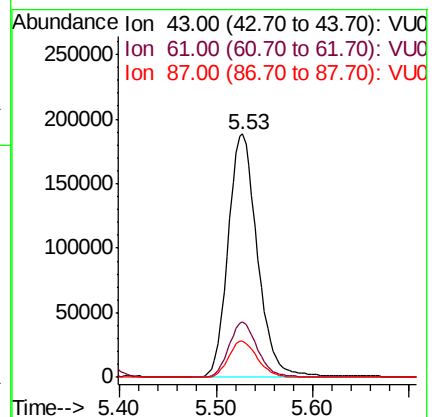
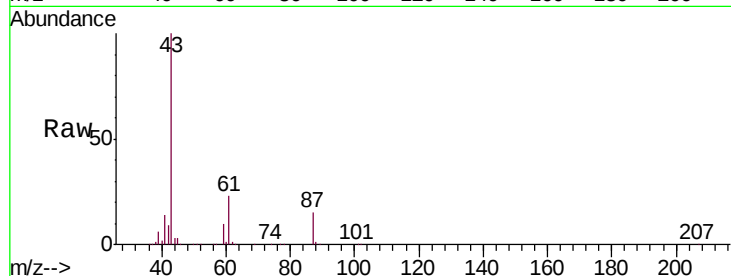
Tgt Ion: 43 Resp: 393332

Ion Ratio Lower Upper

43 100

61 22.4 17.8 26.8

87 14.9 11.9 17.9



#44

Trichloroethene

Concen: 49.884 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033978.D

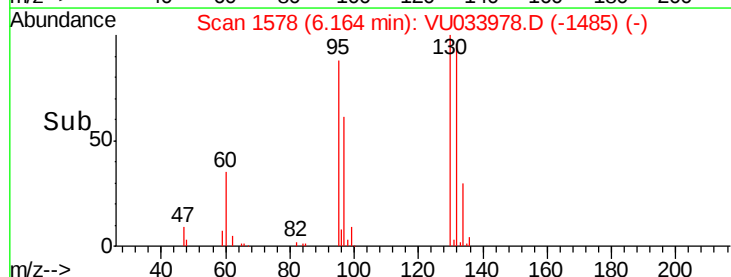
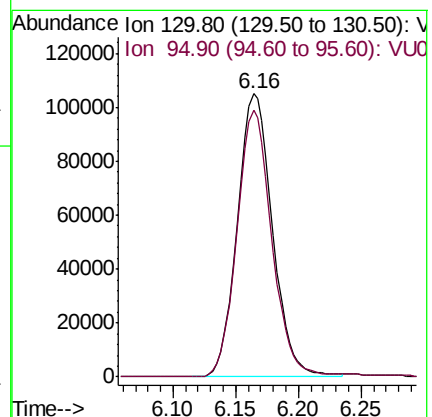
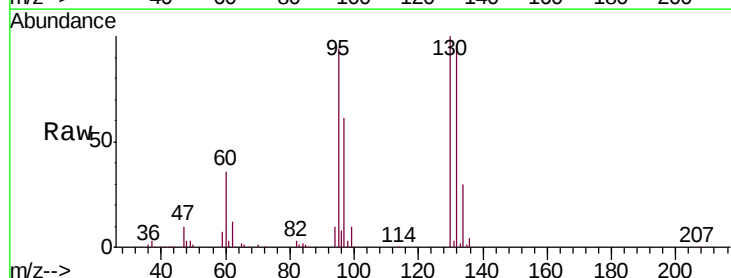
Acq: 27 Aug 2019 17:06

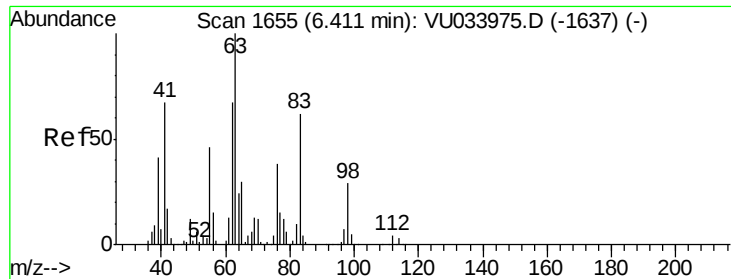
Tgt Ion: 130 Resp: 204603

Ion Ratio Lower Upper

130 100

95 94.2 0.0 187.6

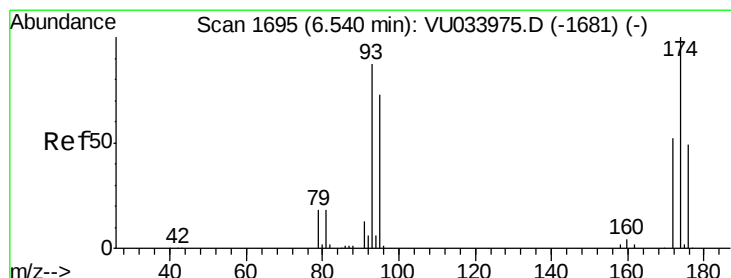
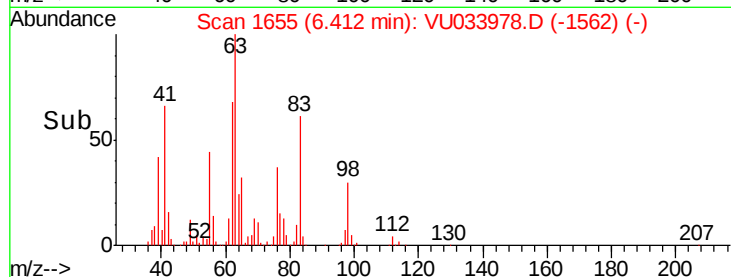
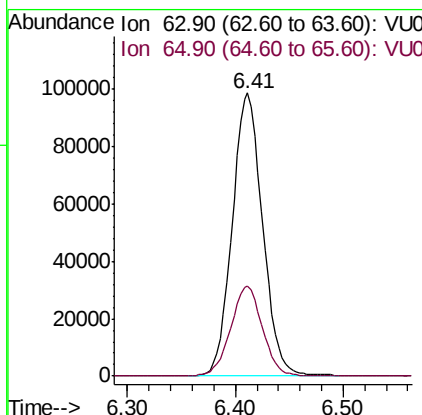
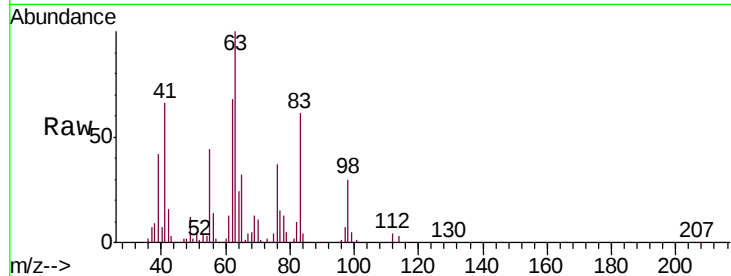




#45
 1,2-Dichloropropane
 Concen: 50.375 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

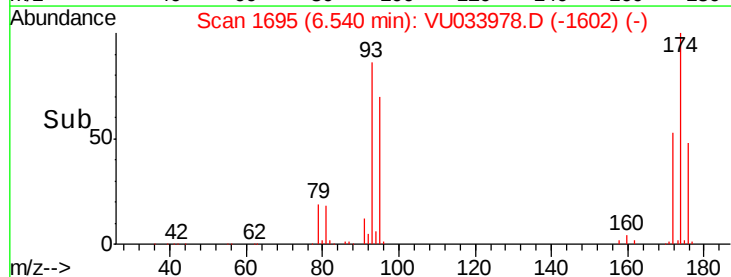
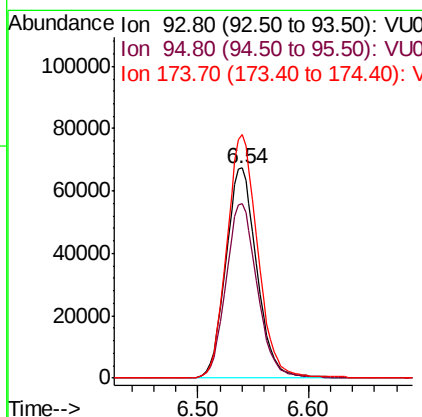
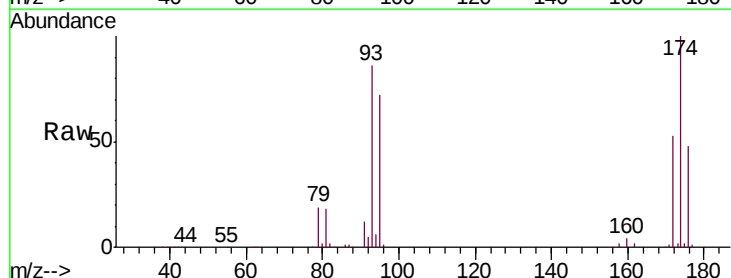
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU082819

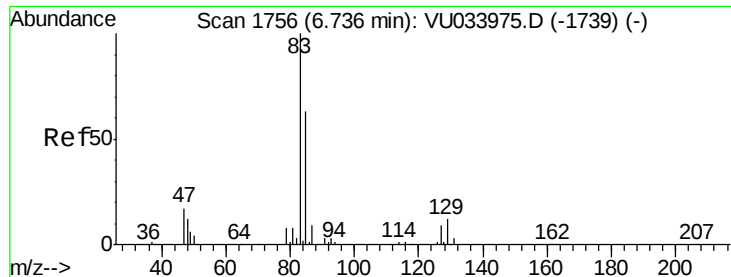
Tgt Ion: 63 Resp: 193869
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.3 36.5



#46
 Dibromomethane
 Concen: 50.097 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

Tgt Ion: 93 Resp: 131119
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.2 99.4
 174 115.4 92.2 138.2





#47

Bromodichloromethane

Concen: 50.671 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU082819

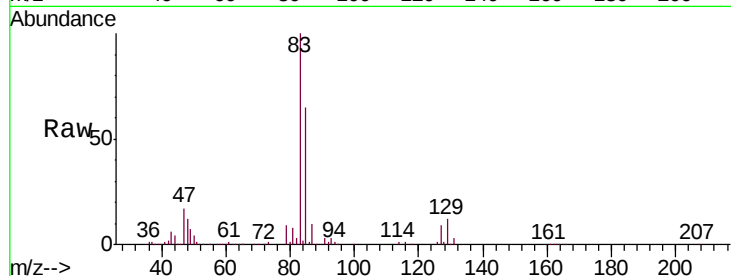
Tgt Ion: 83 Resp: 252597

Ion Ratio Lower Upper

83 100

85 64.4 50.6 76.0

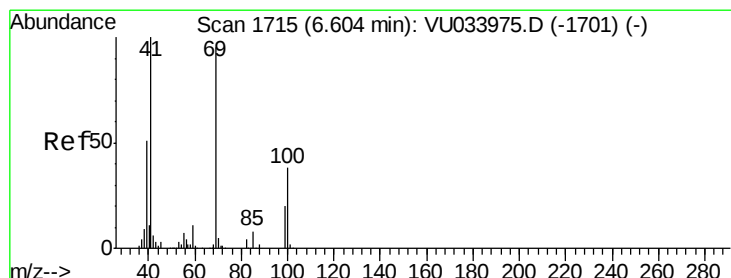
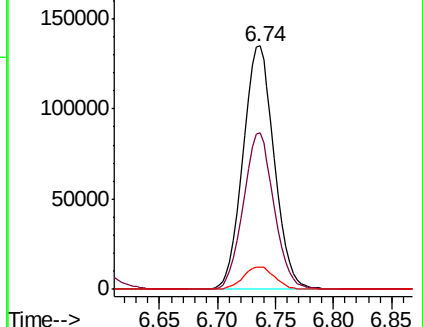
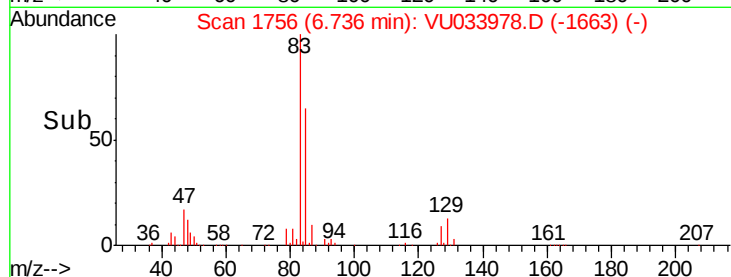
127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VU033978.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU033978.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU033978.D (-1663) (-)



#48

Methyl methacrylate

Concen: 54.943 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

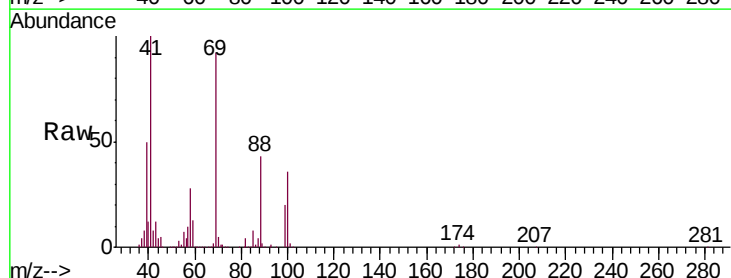
Tgt Ion: 41 Resp: 194371

Ion Ratio Lower Upper

41 100

69 94.7 76.3 114.5

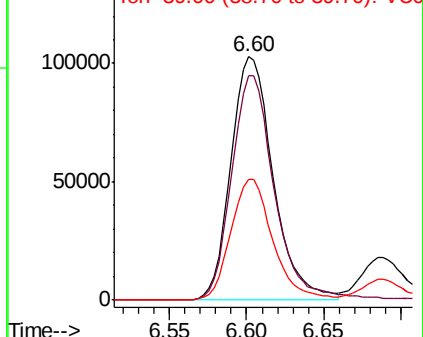
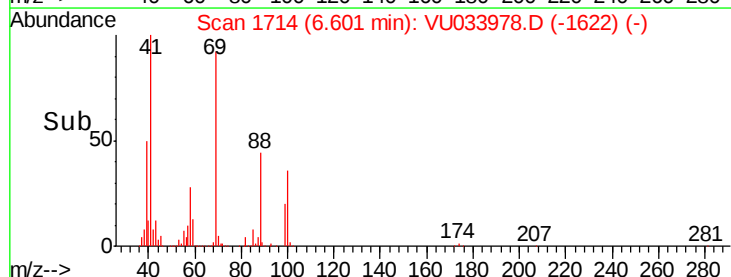
39 49.1 41.1 61.7

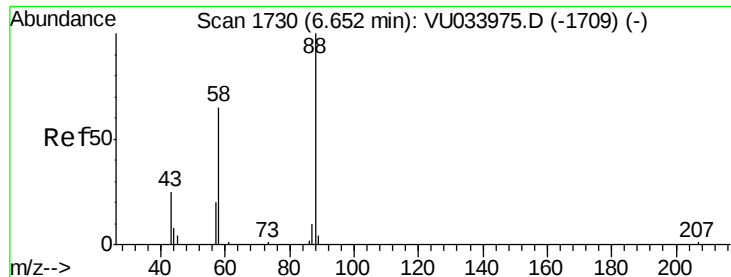


Abundance Ion 41.00 (40.70 to 41.70): VU033978.D (-1622) (-)

Ion 69.00 (68.70 to 69.70): VU033978.D (-1622) (-)

Ion 39.00 (38.70 to 39.70): VU033978.D (-1622) (-)





#49

1,4-Dioxane

Concen: 1069.228 ug/l

RT: 6.59 min Scan# 1711

Delta R.T. -0.06 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU082819

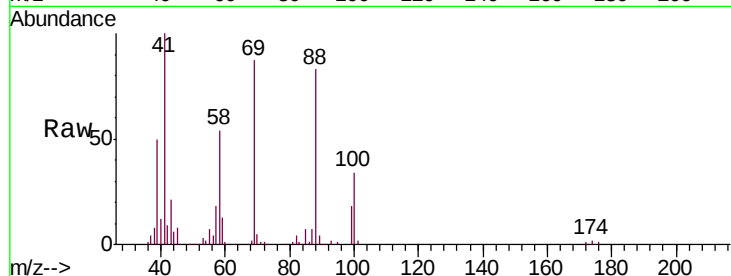
Tgt Ion: 88 Resp: 103810

Ion Ratio Lower Upper

88 100

43 28.2 0.0 0.0#

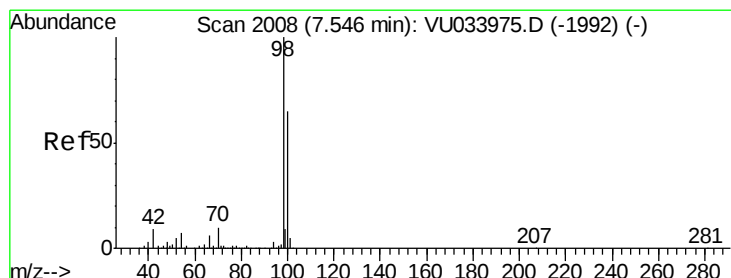
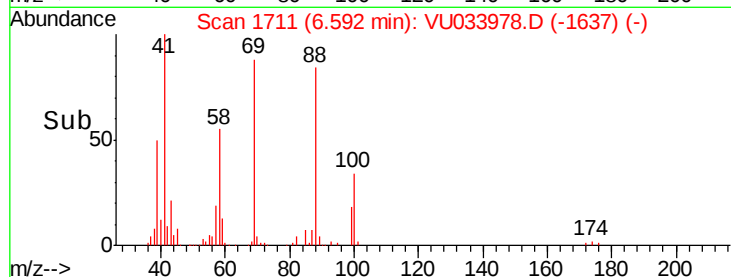
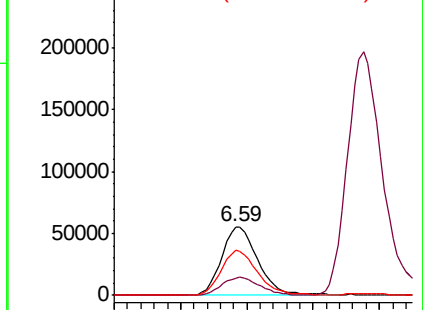
58 67.4 56.6 85.0



Abundance Ion 88.00 (87.70 to 88.70): VU033978.D (-1711) (-)

Ion 43.00 (42.70 to 43.70): VU033978.D (-1711) (-)

Ion 58.00 (57.70 to 58.70): VU033978.D (-1711) (-)



#50

Toluene-d8

Concen: 52.533 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU033978.D

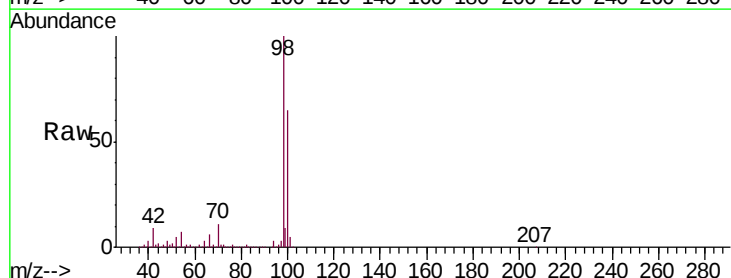
Acq: 27 Aug 2019 17:06

Tgt Ion: 98 Resp: 688020

Ion Ratio Lower Upper

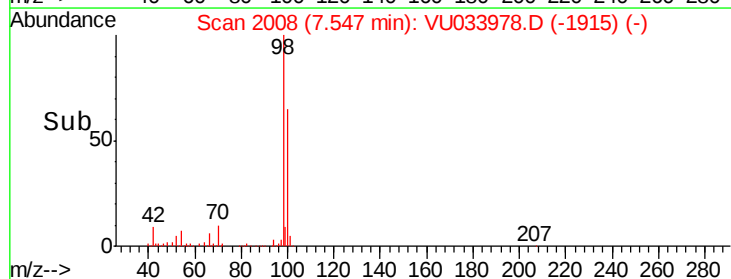
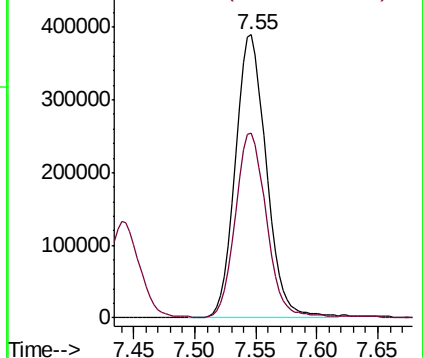
98 100

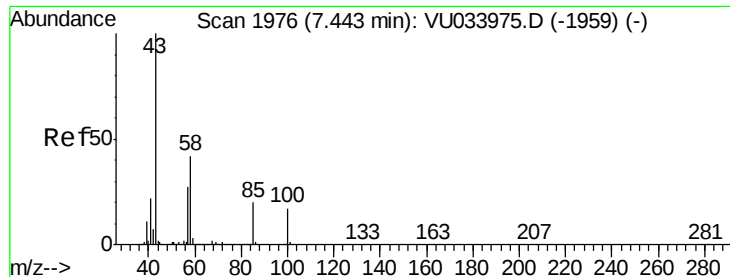
100 64.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VU033978.D (-2008) (-)

Ion 100.00 (99.70 to 100.70): VU033978.D (-2008) (-)





#51

4-Methyl-2-Pentanone

Concen: 261.368 ug/l

RT: 7.44 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

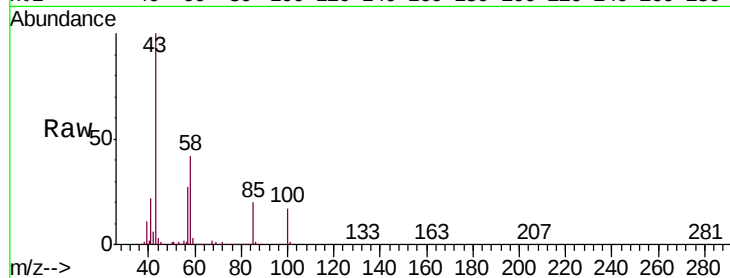
ICVVU082819

Tgt Ion: 43 Resp: 1340860

Ion Ratio Lower Upper

43 100

58 42.7 33.6 50.4



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-1959) (-)

Ion 58.00 (57.70 to 58.70): VU033975.D (-1959) (-)

7.44

800000

600000

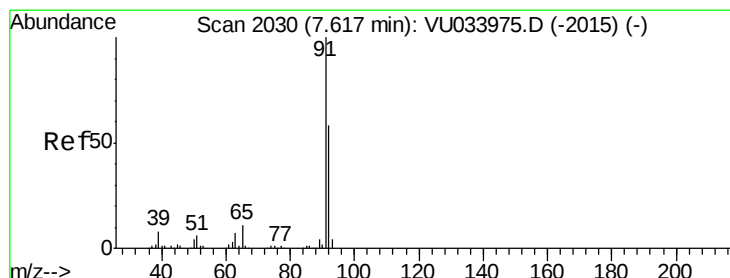
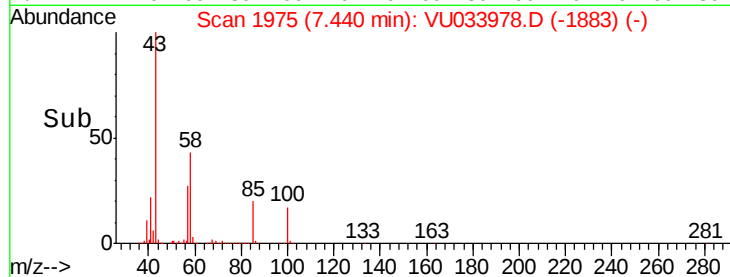
400000

200000

0

7.40 7.50

Time-->



#52

Toluene

Concen: 51.992 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU033978.D

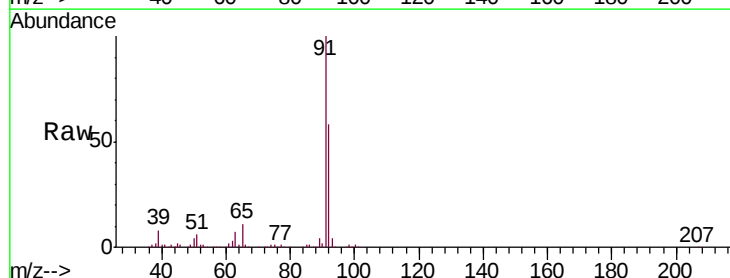
Acq: 27 Aug 2019 17:06

Tgt Ion: 92 Resp: 471597

Ion Ratio Lower Upper

92 100

91 172.6 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VU033975.D (-2015) (-)

Ion 91.00 (90.70 to 91.70): VU033975.D (-2015) (-)

7.62

500000

400000

300000

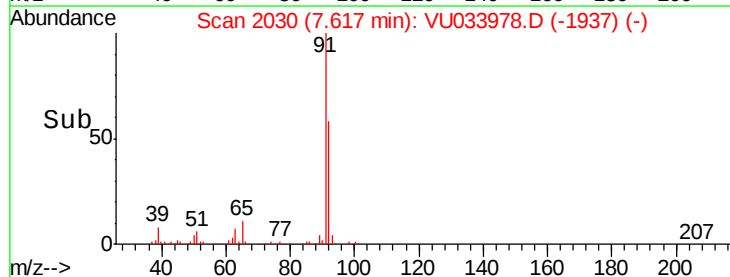
200000

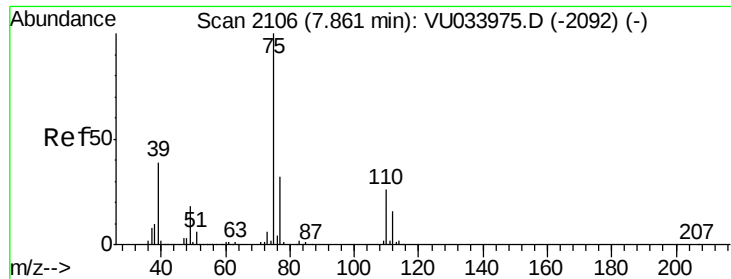
100000

0

7.50 7.60 7.70 7.80

Time-->

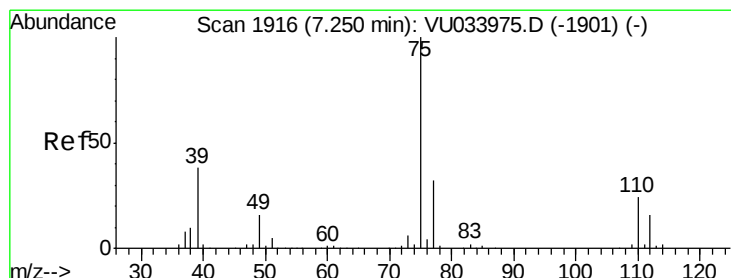
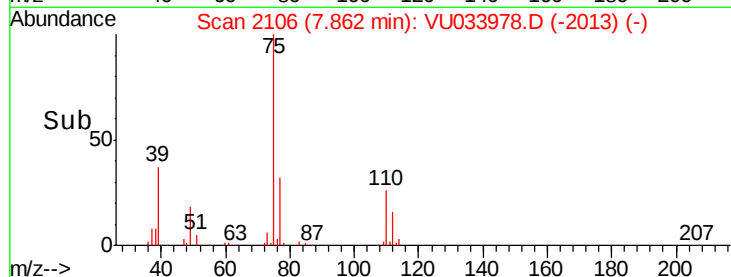
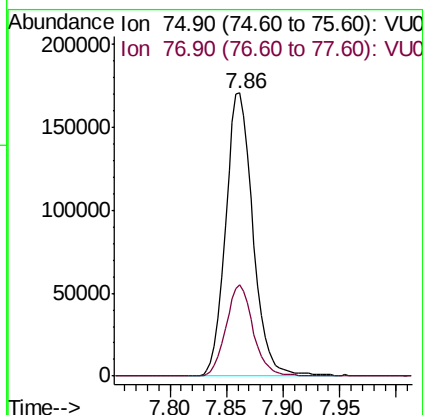
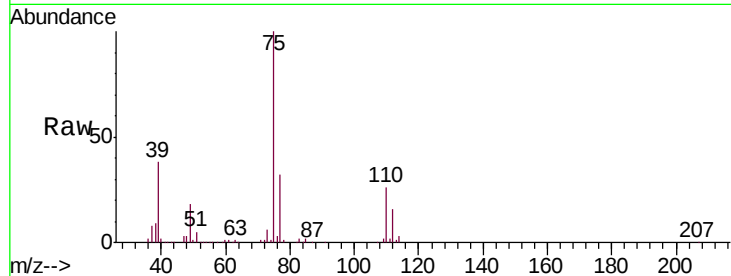




#53
 t-1,3-Dichloropropene
 Concen: 52.143 ug/l
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

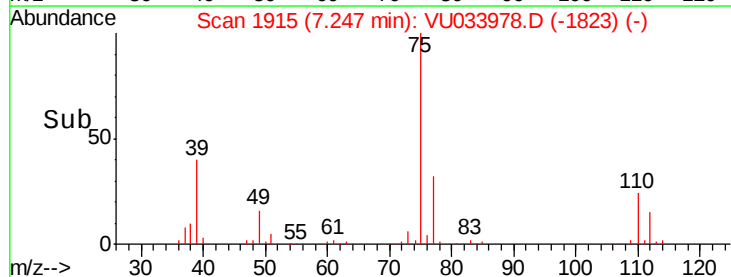
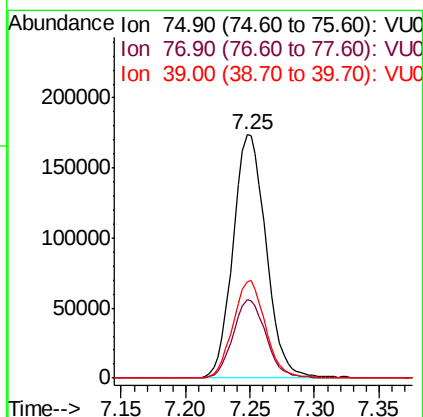
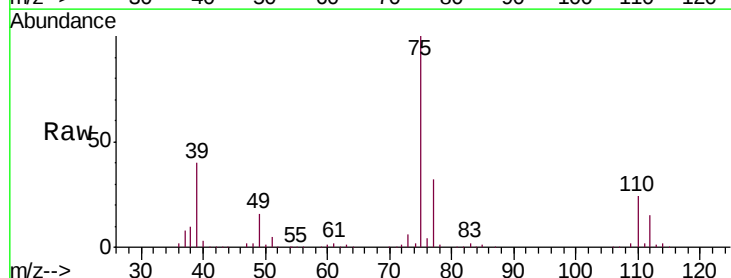
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU082819

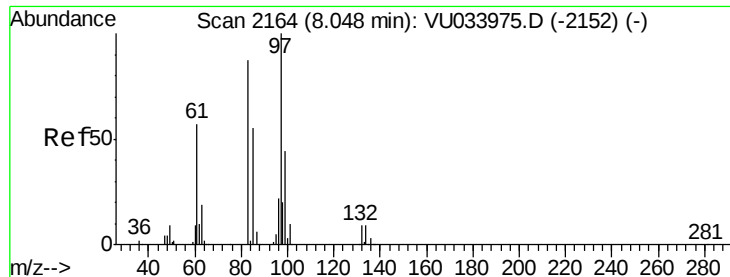
Tgt Ion: 75 Resp: 287447
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.085 ug/l
 RT: 7.25 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

Tgt Ion: 75 Resp: 310383
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 39.7 30.7 46.1

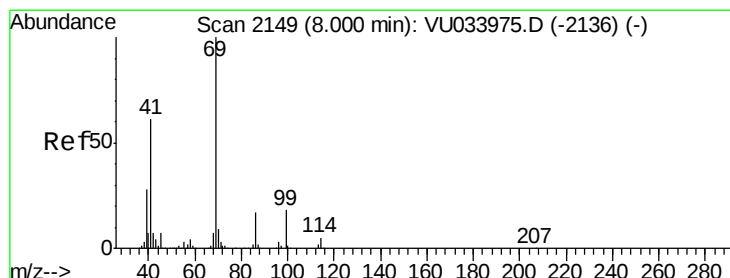
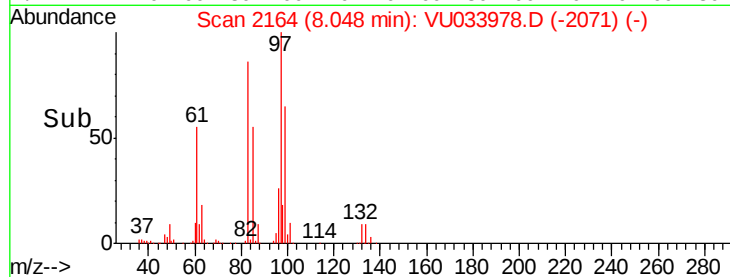
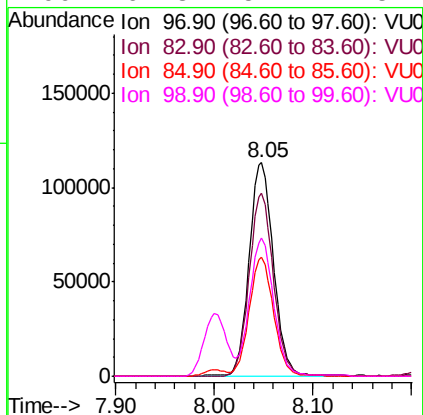
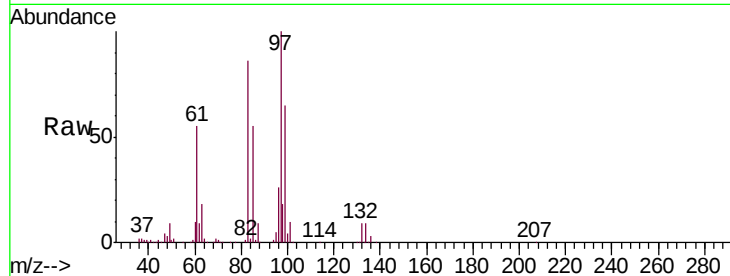




#55
 1,1,2-Trichloroethane
 Concen: 50.372 ug/l
 RT: 8.05 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

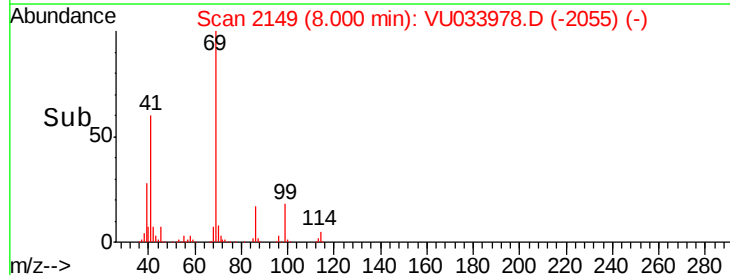
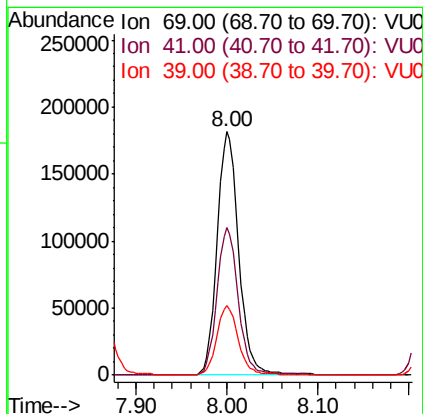
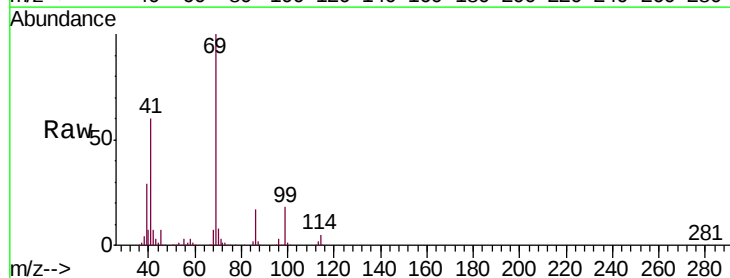
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU082819

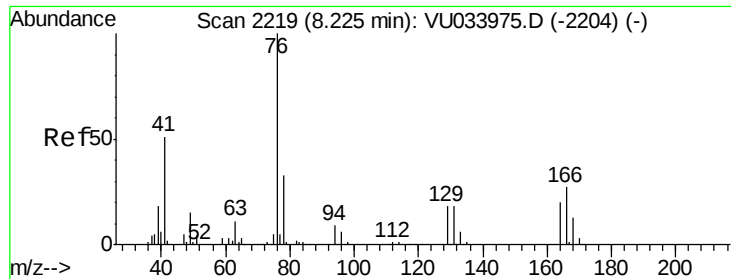
Tgt Ion:	97	Resp:	193060
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.8	104.6
85	55.4	45.2	67.8
99	64.3	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 49.675 ug/l
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

Tgt Ion:	69	Resp:	300041
Ion	Ratio	Lower	Upper
69	100		
41	59.8	48.6	72.8
39	28.1	22.4	33.6

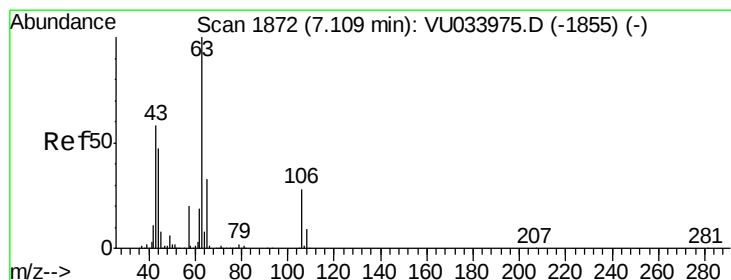
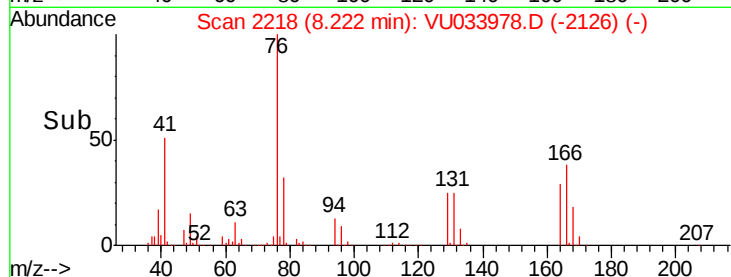
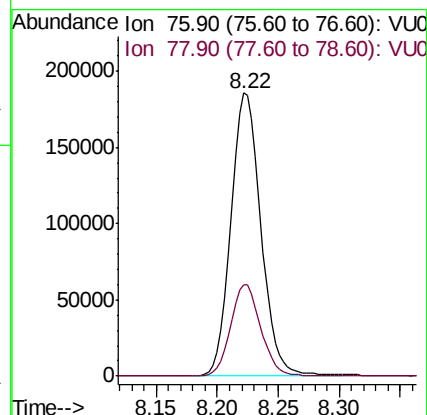
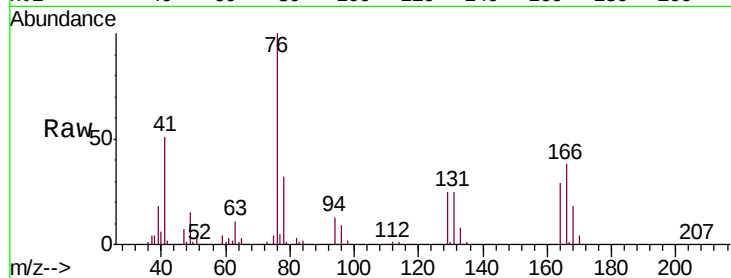




#57
 1,3-Dichloropropane
 Concen: 51.380 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

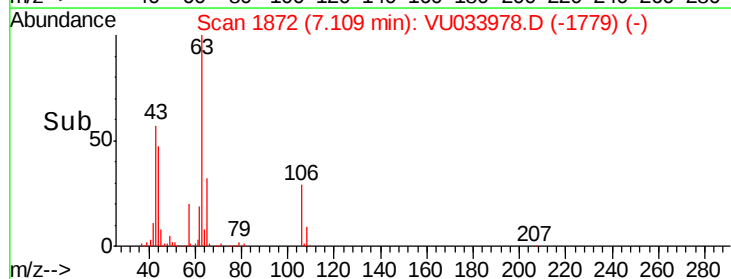
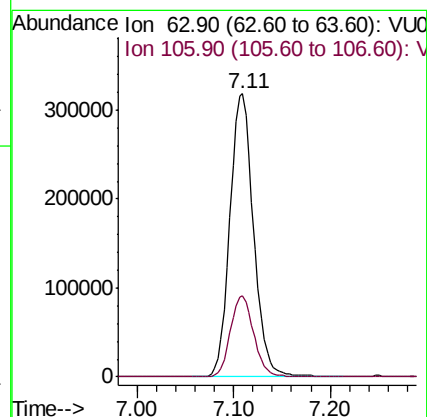
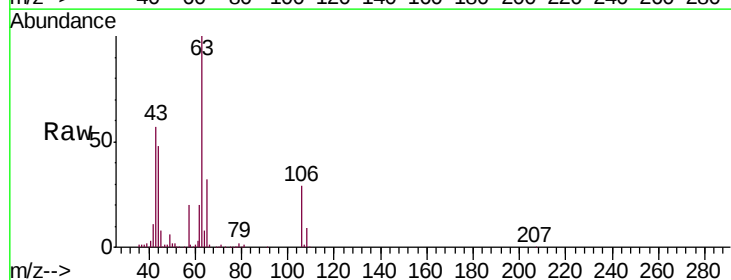
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU082819

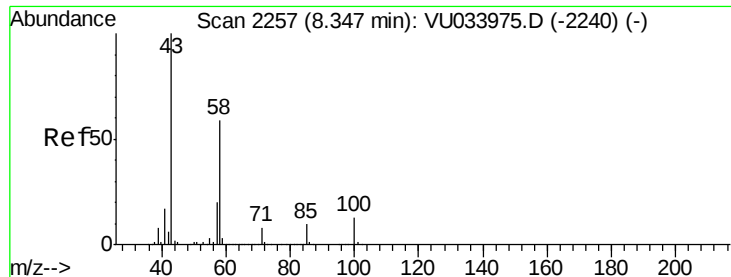
Tgt Ion: 76 Resp: 320928
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.361 ug/l
 RT: 7.11 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

Tgt Ion: 63 Resp: 540977
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.4 33.6

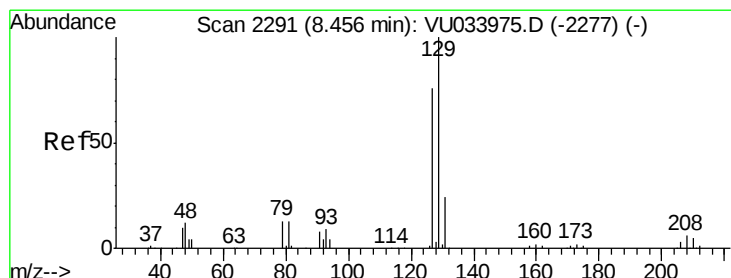
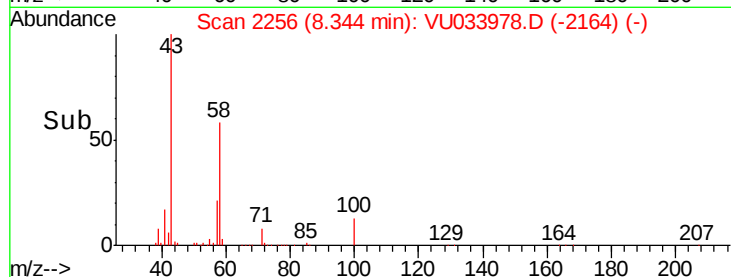
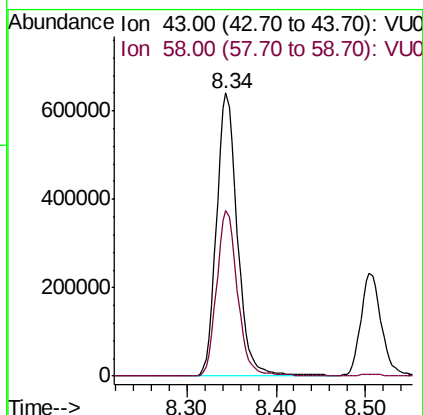
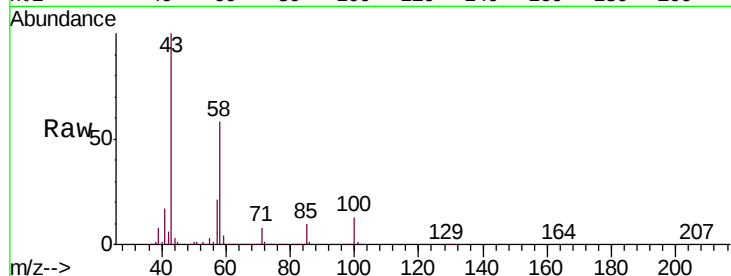




#59
2-Hexanone
Concen: 263.806 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. -0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

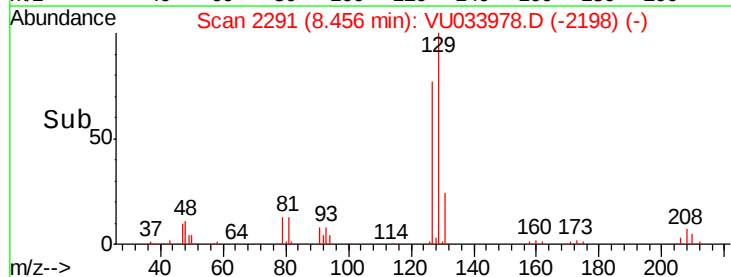
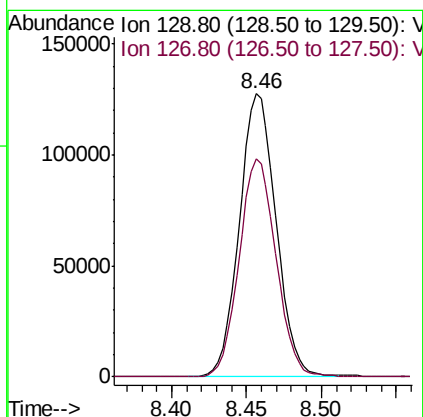
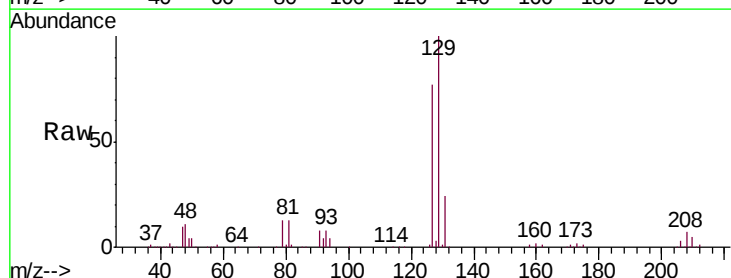
Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

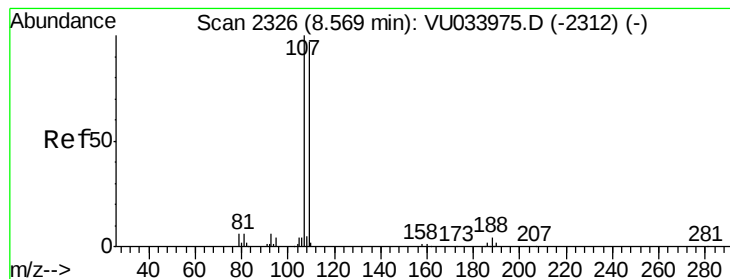
Tgt Ion: 43 Resp: 1040252
Ion Ratio Lower Upper
43 100
58 58.7 29.5 88.6



#60
Dibromochloromethane
Concen: 50.605 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Tgt Ion: 129 Resp: 218108
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61

1,2-Dibromoethane

Concen: 51.227 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

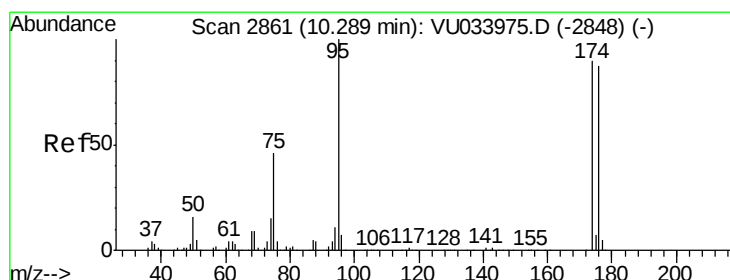
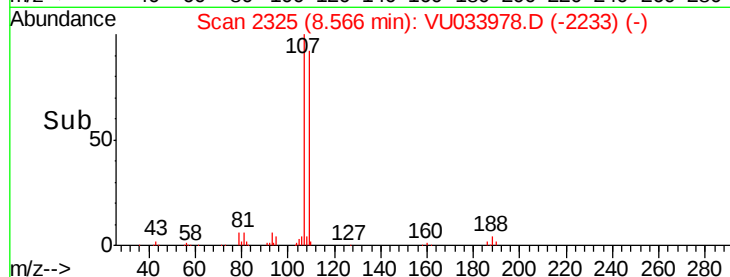
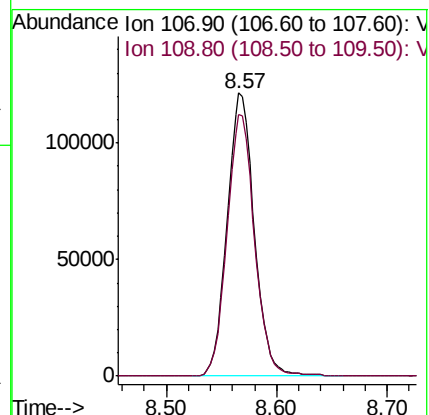
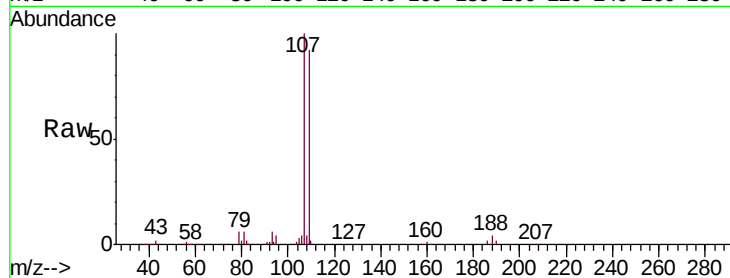
ICVVU082819

Tgt Ion: 107 Resp: 207355

Ion Ratio Lower Upper

107 100

109 93.8 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 52.177 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

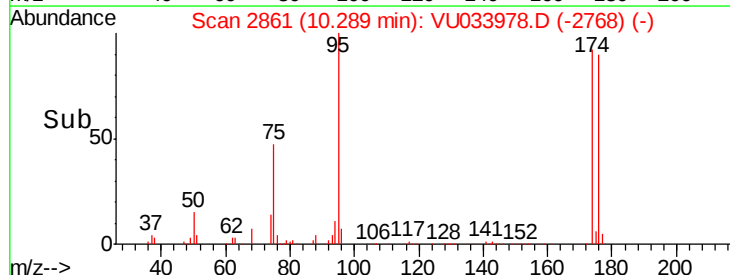
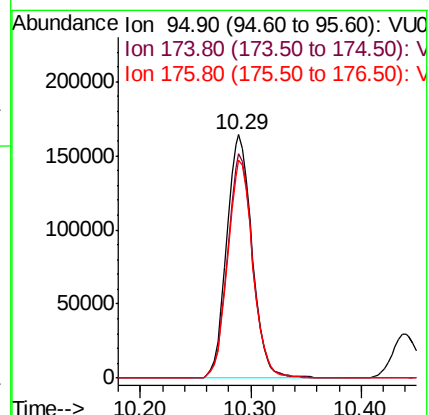
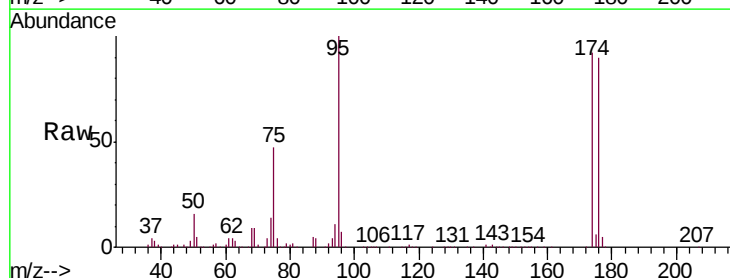
Tgt Ion: 95 Resp: 262134

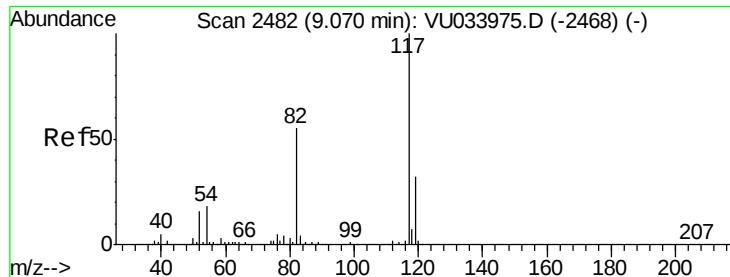
Ion Ratio Lower Upper

95 100

174 91.1 0.0 183.8

176 88.9 0.0 176.4

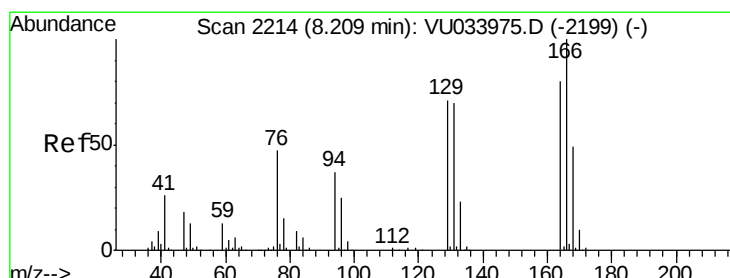
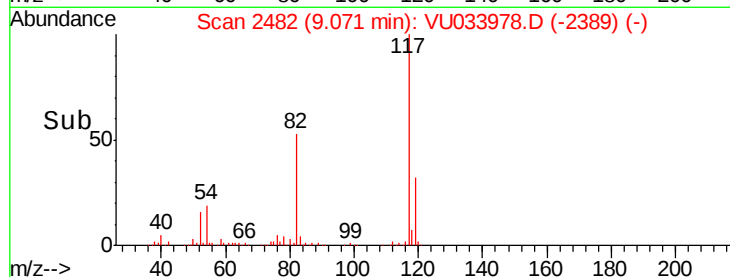
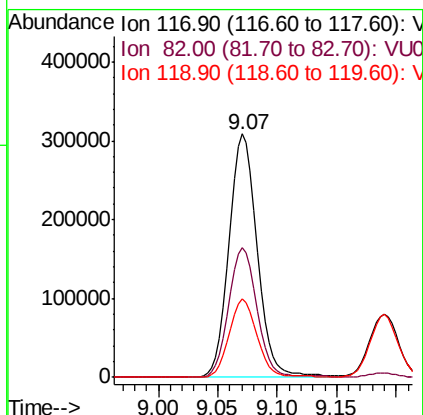
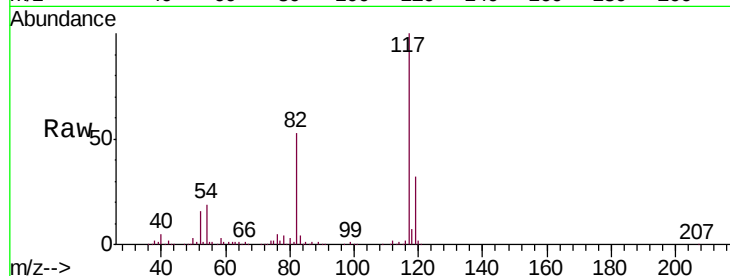




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

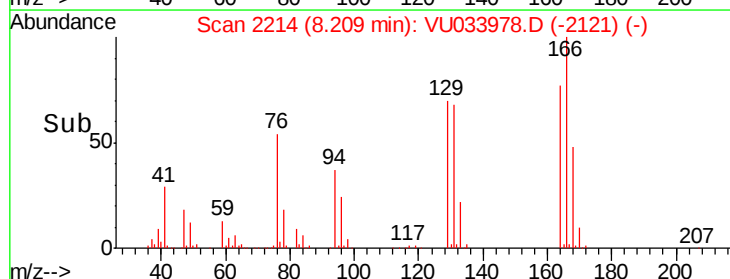
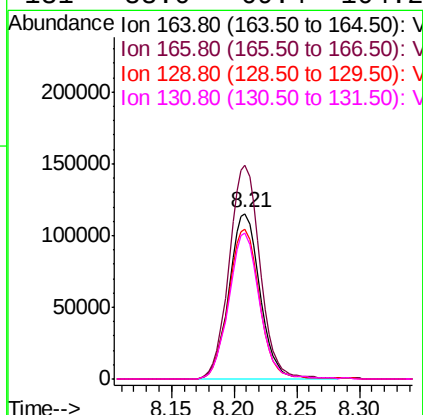
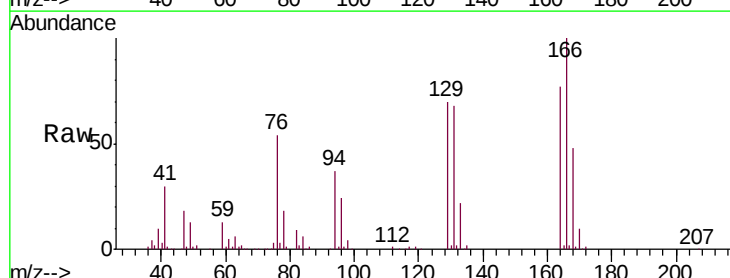
Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

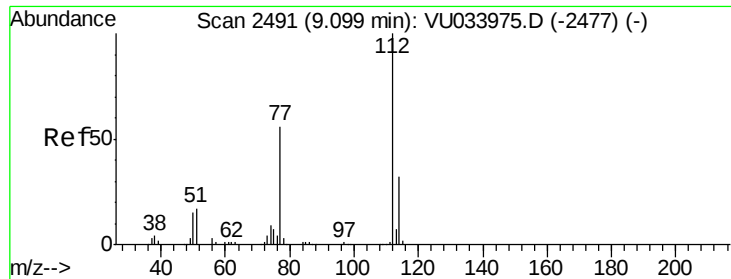
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.8	65.8
119	32.1	25.7	38.5



#64
Tetrachloroethene
Concen: 48.233 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	99.5	149.3
129	90.4	70.9	106.3
131	88.0	69.4	104.2

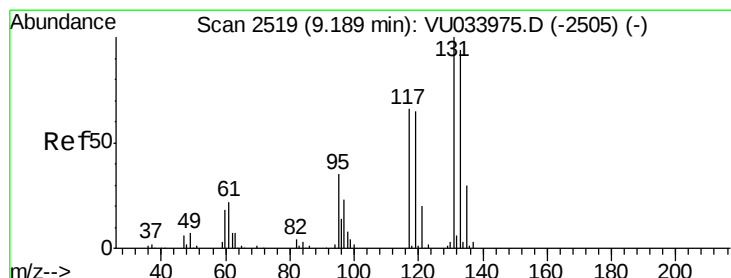
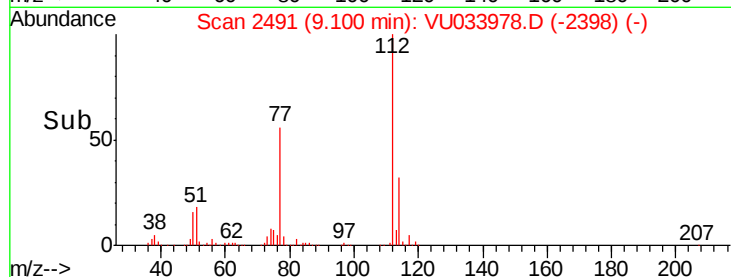
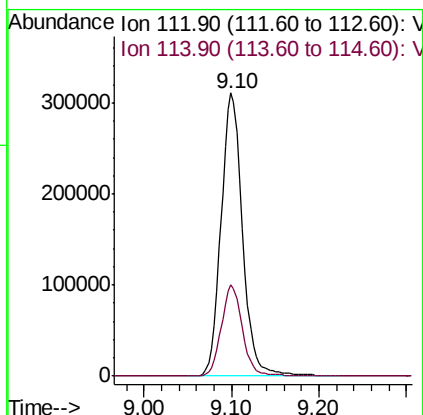
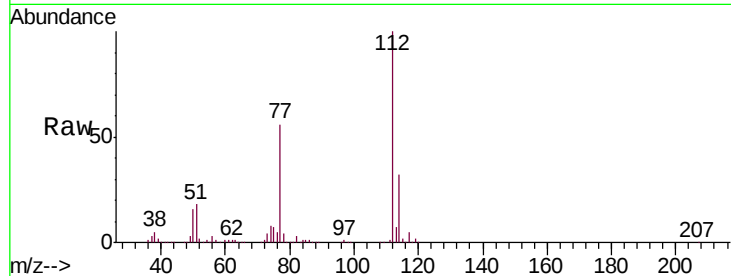




#65
Chlorobenzene
Concen: 50.421 ug/l
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

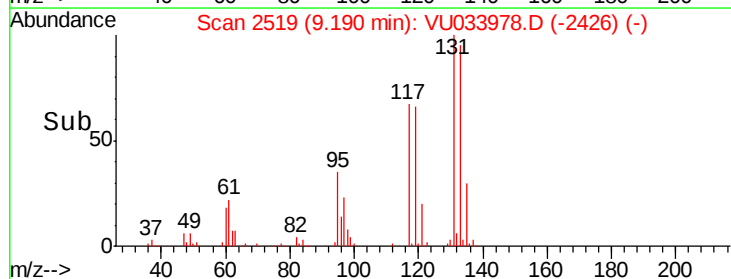
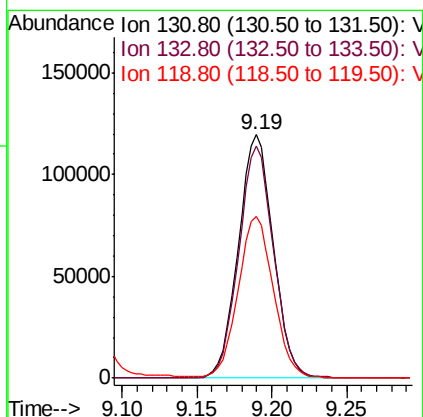
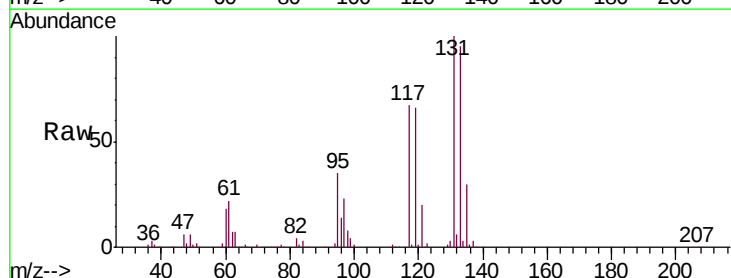
Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

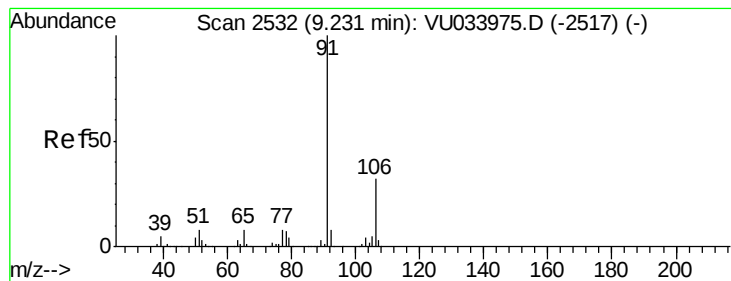
Tgt Ion:112 Resp: 528903
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.668 ug/l
RT: 9.19 min Scan# 2519
Delta R.T. 0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Tgt Ion:131 Resp: 194253
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.9
119 66.7 33.0 98.9





#67

Ethyl Benzene

Concen: 51.815 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

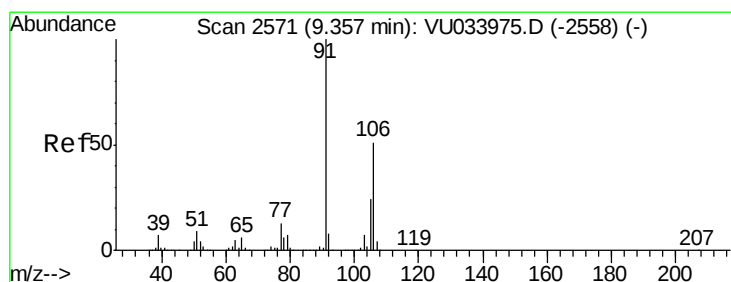
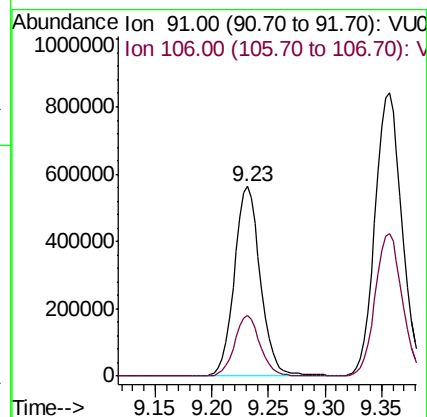
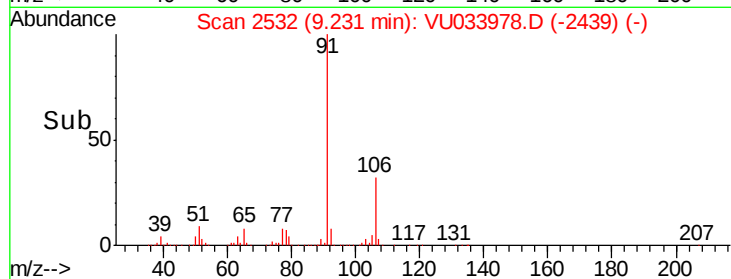
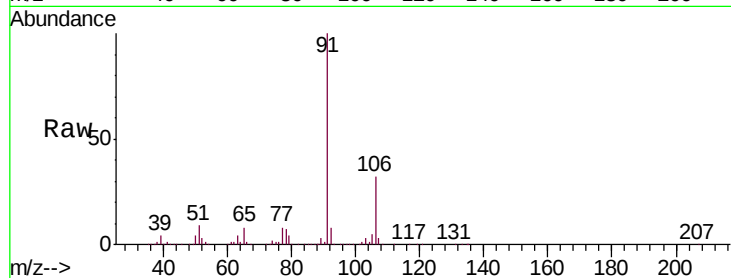
ICVVU082819

Tgt Ion: 91 Resp: 906262

Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.0



#68

m/p-Xylenes

Concen: 105.208 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU033978.D

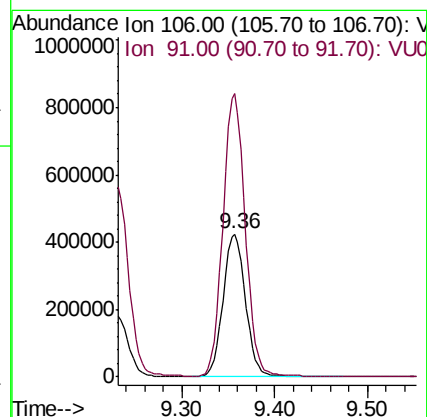
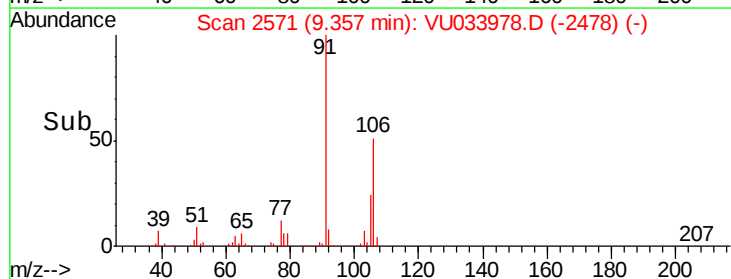
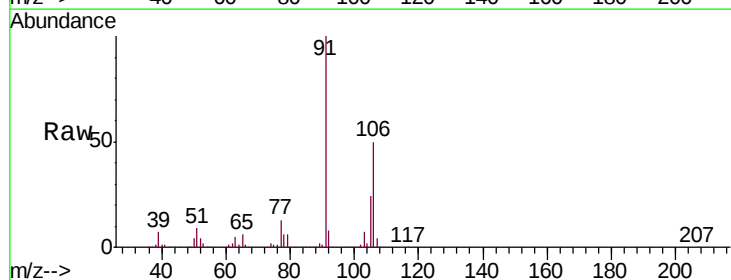
Acq: 27 Aug 2019 17:06

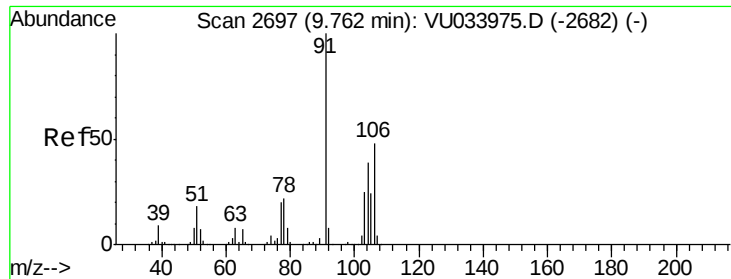
Tgt Ion: 106 Resp: 709665

Ion Ratio Lower Upper

106 100

91 198.1 158.4 237.6

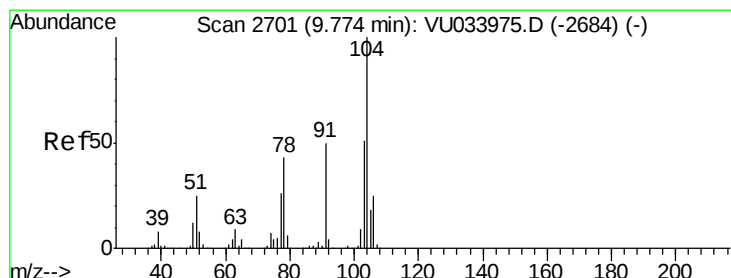
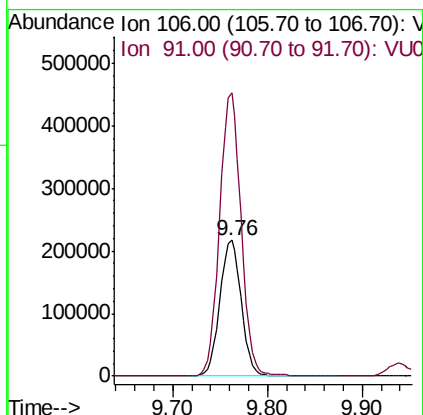
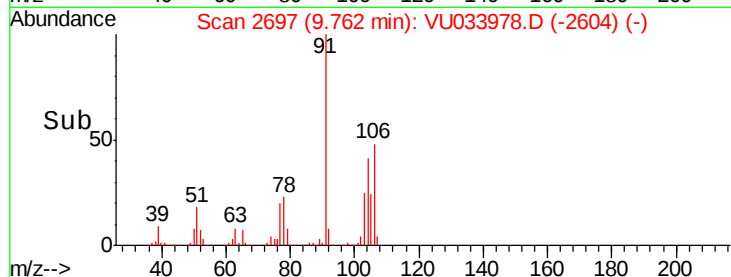
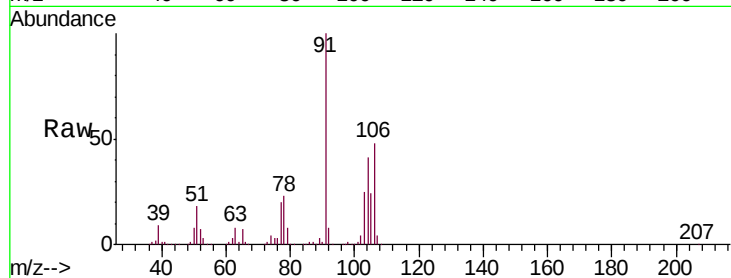




#69
o-Xylene
Concen: 53.156 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. 0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

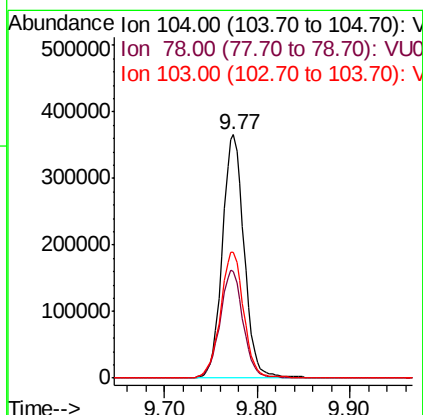
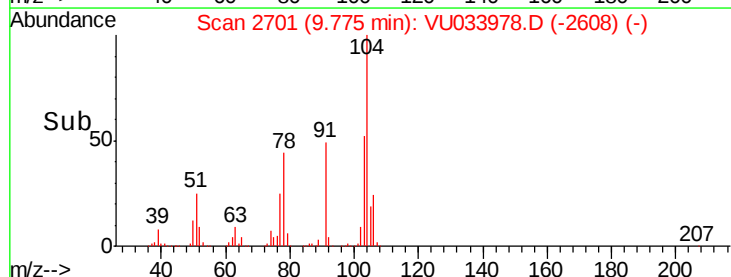
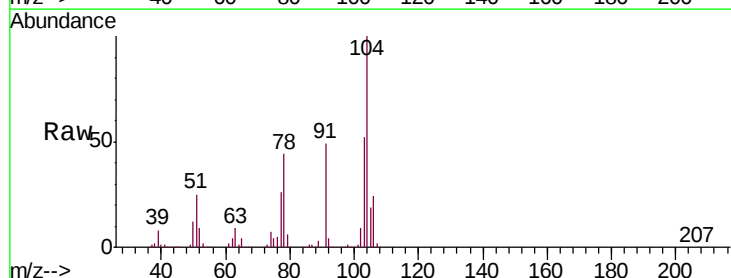
Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

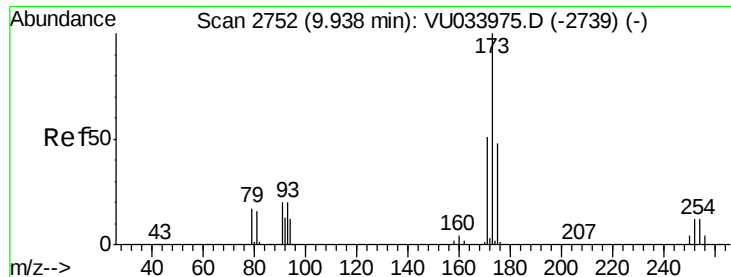
Tgt Ion:106 Resp: 342794
Ion Ratio Lower Upper
106 100
91 208.2 104.5 313.3



#70
Styrene
Concen: 54.118 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Tgt Ion:104 Resp: 597319
Ion Ratio Lower Upper
104 100
78 47.2 37.5 56.3
103 55.1 43.9 65.9





#71

Bromoform

Concen: 51.645 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU082819

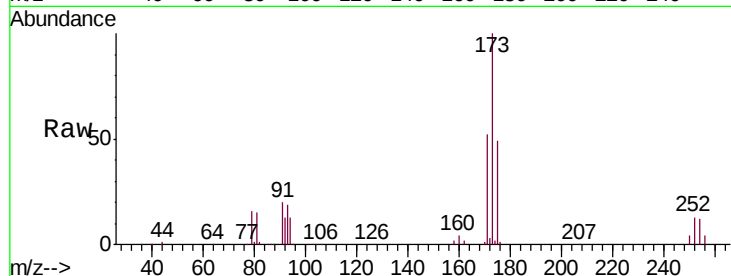
Tgt Ion:173 Resp: 178802

Ion Ratio Lower Upper

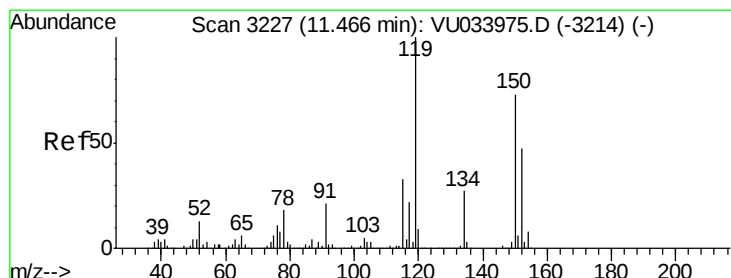
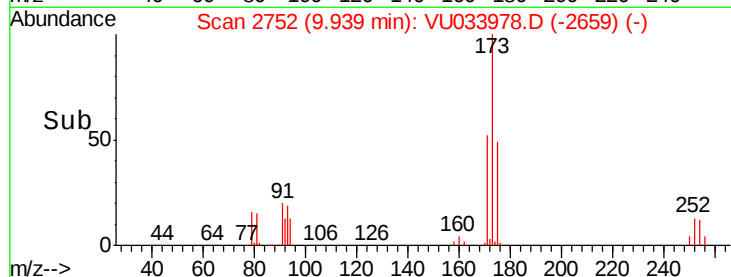
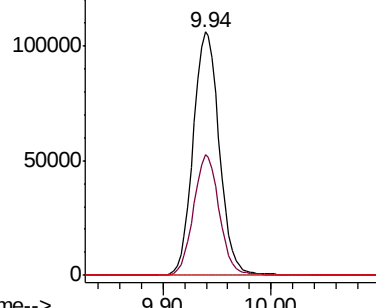
173 100

175 49.1 24.3 72.9

254 0.0 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: VU033978.D

Acq: 27 Aug 2019 17:06

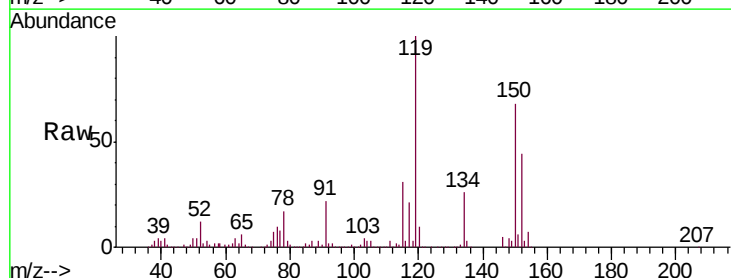
Tgt Ion:152 Resp: 273508

Ion Ratio Lower Upper

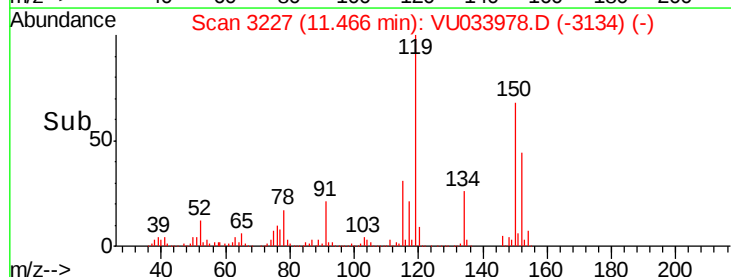
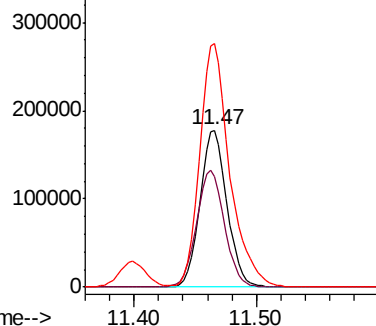
152 100

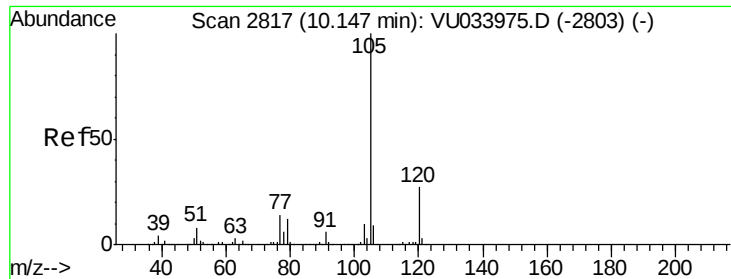
115 77.8 38.6 115.7

150 172.3 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: 52.946 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

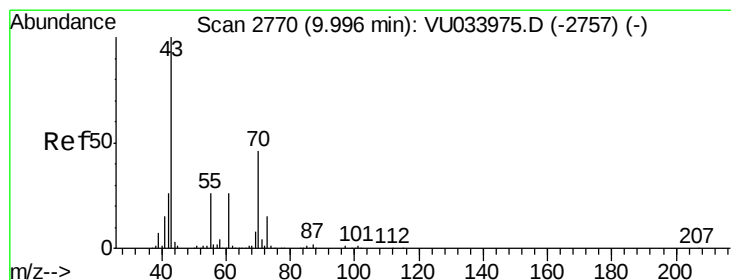
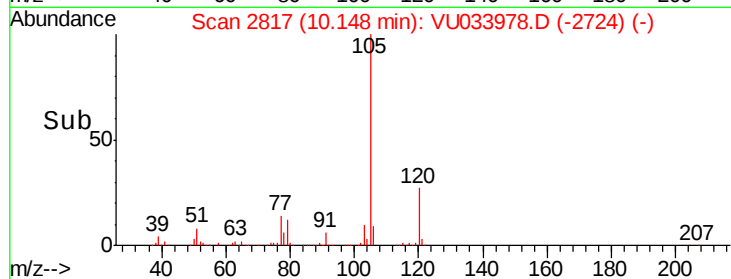
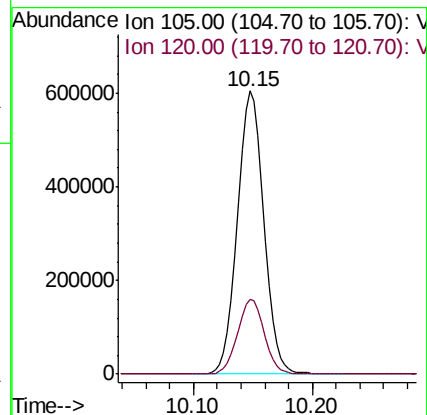
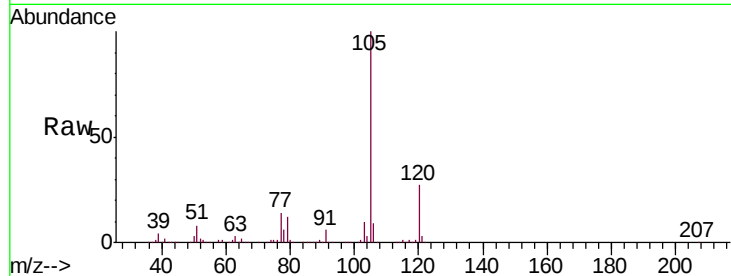
ICVVU082819

Tgt Ion: 105 Resp: 932000

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#74

N-ethyl acetate

Concen: 55.650 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Tgt Ion: 43 Resp: 367716

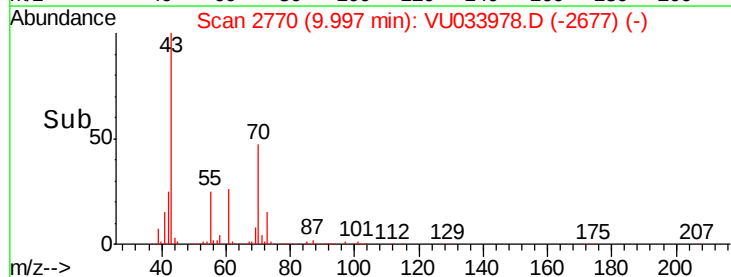
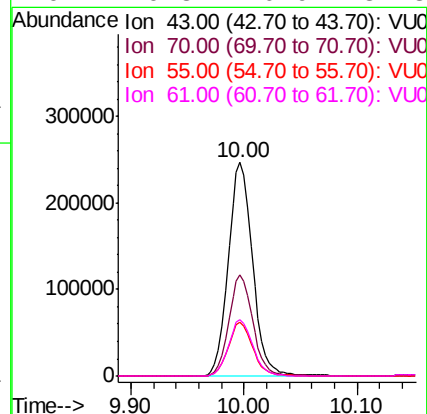
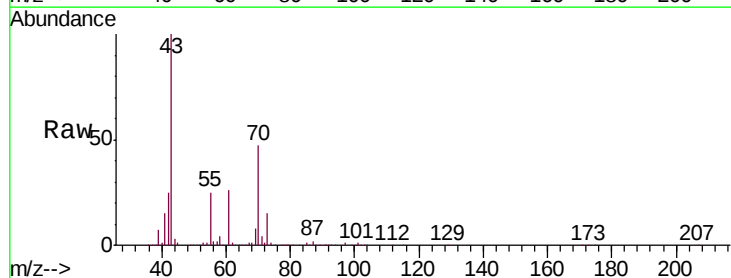
Ion Ratio Lower Upper

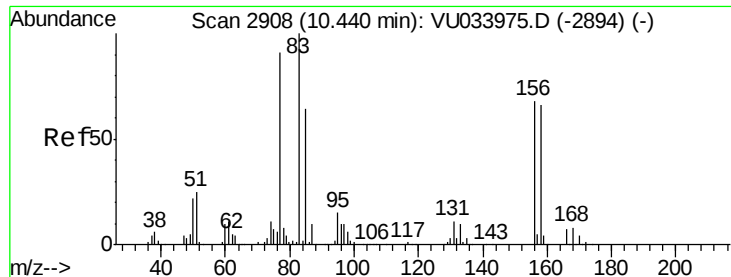
43 100

70 47.0 37.4 56.0

55 25.7 21.0 31.4

61 26.3 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.658 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU082819

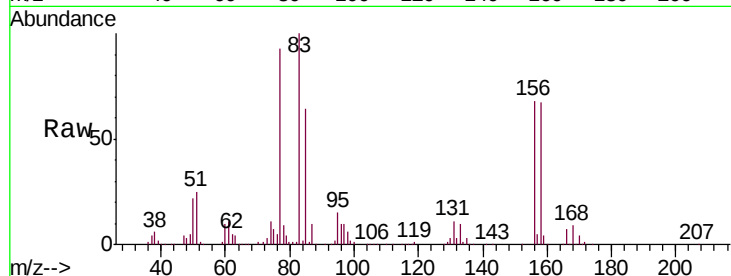
Tgt Ion: 83 Resp: 314832

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

85 64.5 32.0 96.0

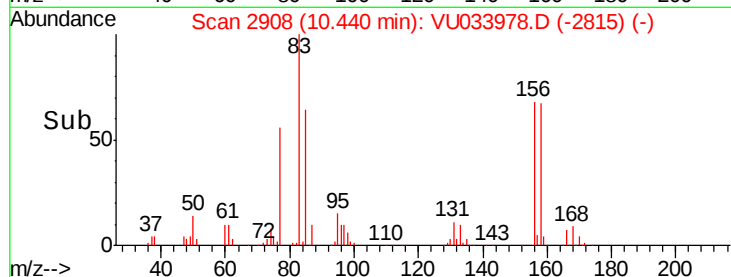


Abundance Ion 82.90 (82.60 to 83.60): VU033978.D (-2894) (-)

Ion 130.80 (130.50 to 131.50): VU033978.D (-2894) (-)

Ion 84.90 (84.60 to 85.60): VU033978.D (-2894) (-)

Time-->

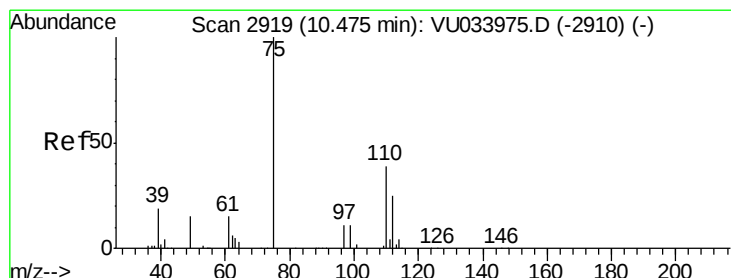


Abundance Ion 82.90 (82.60 to 83.60): VU033978.D (-2815) (-)

Ion 130.80 (130.50 to 131.50): VU033978.D (-2815) (-)

Ion 84.90 (84.60 to 85.60): VU033978.D (-2815) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 65.300 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU033978.D

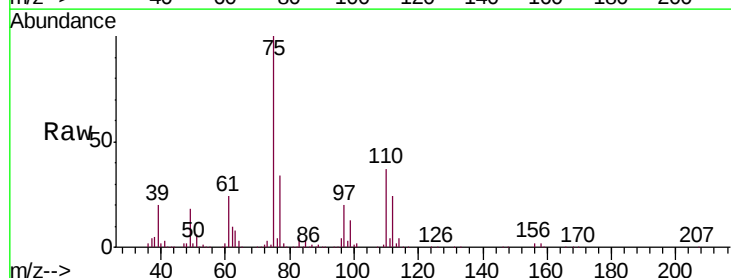
Acq: 27 Aug 2019 17:06

Tgt Ion: 75 Resp: 355859

Ion Ratio Lower Upper

75 100

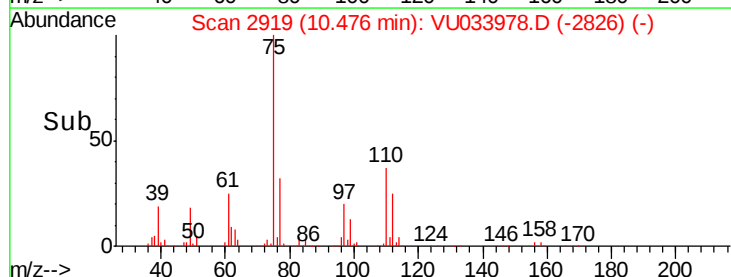
77 32.9 21.0 63.0



Abundance Ion 74.90 (74.60 to 75.60): VU033978.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU033978.D (-2910) (-)

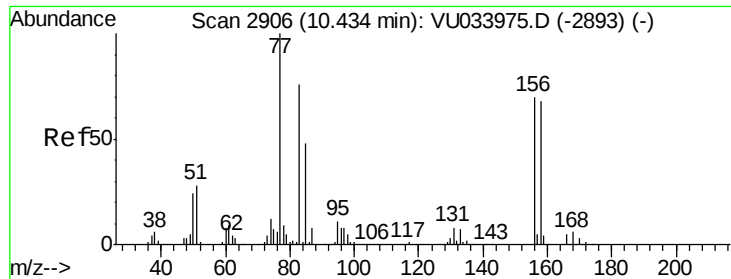
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU033978.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU033978.D (-2826) (-)

Time-->



#77

Bromobenzene

Concen: 50.332 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU082819

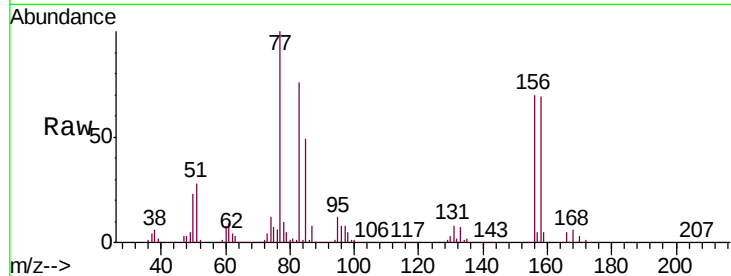
Tgt Ion:156 Resp: 250366

Ion Ratio Lower Upper

156 100

77 143.3 70.3 211.1

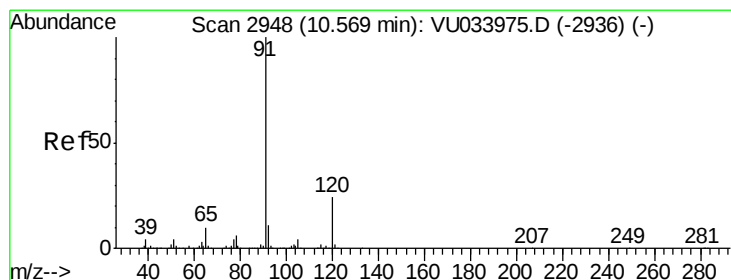
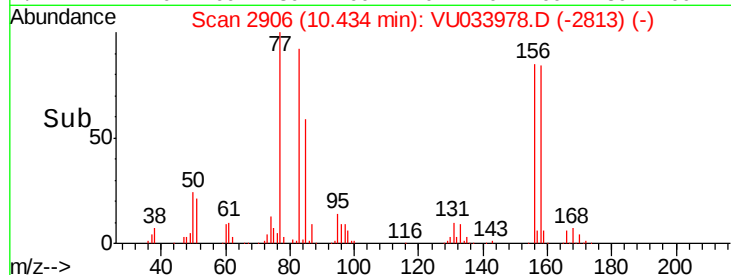
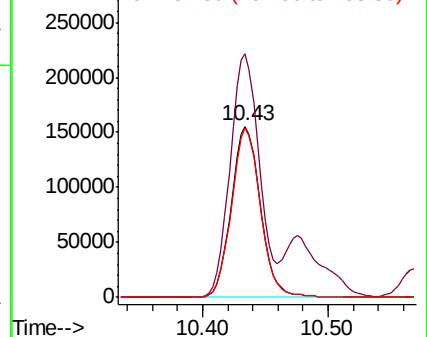
158 98.4 48.3 144.8



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: 53.304 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU033978.D

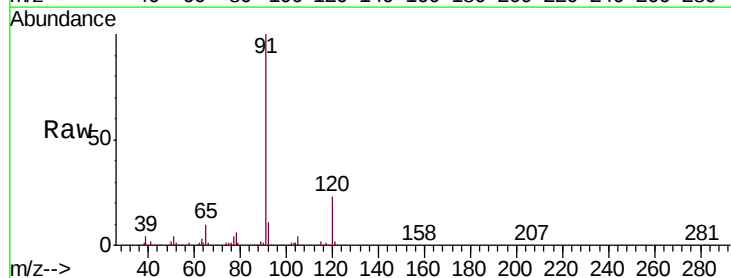
Acq: 27 Aug 2019 17:06

Tgt Ion: 91 Resp: 1064080

Ion Ratio Lower Upper

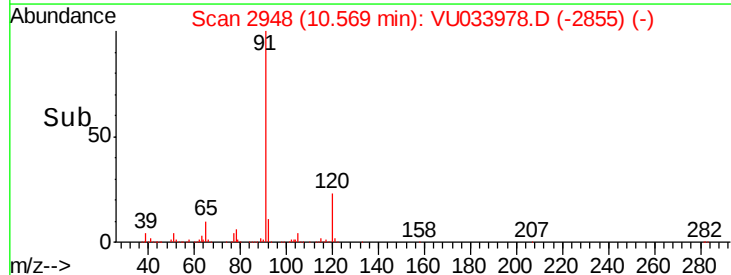
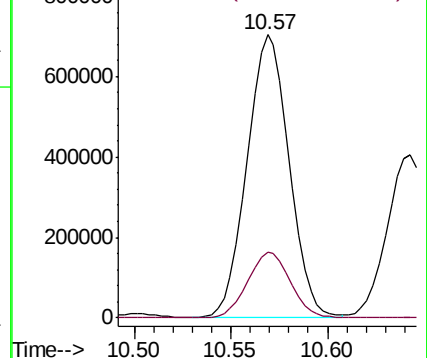
91 100

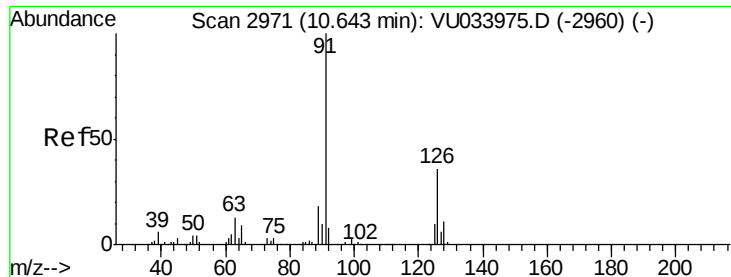
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.160 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

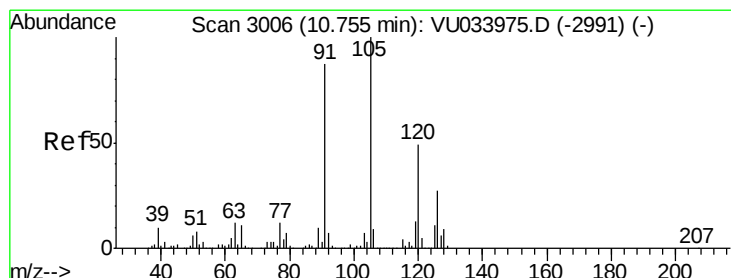
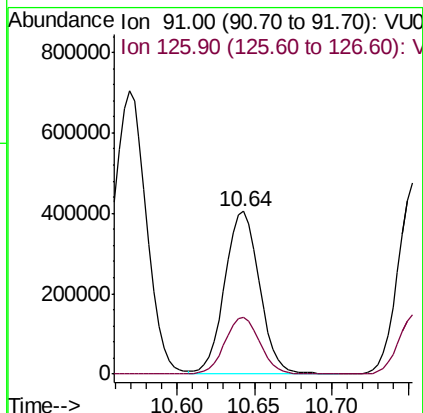
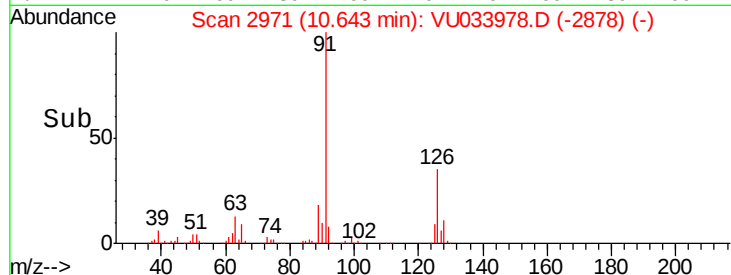
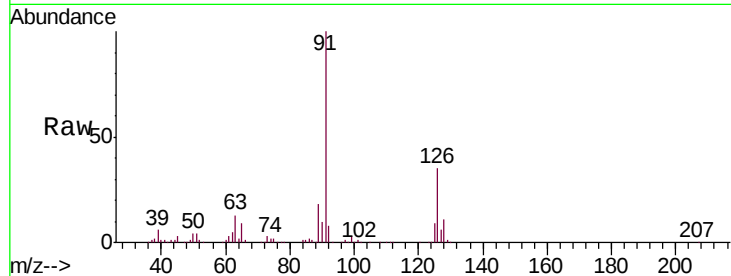
ICVVU082819

Tgt Ion: 91 Resp: 628301

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 53.351 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU033978.D

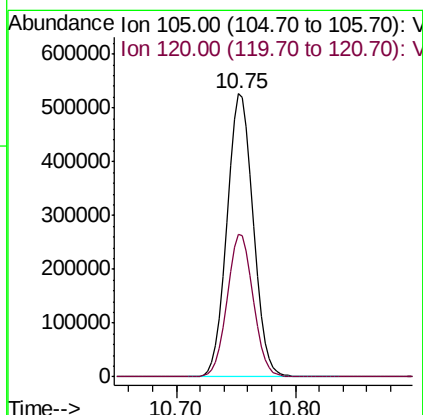
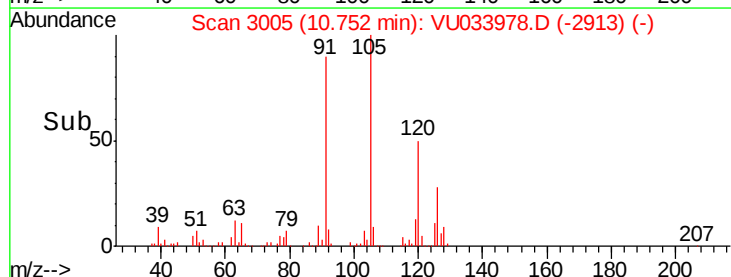
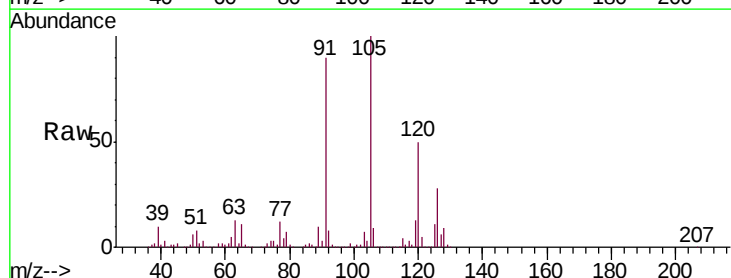
Acq: 27 Aug 2019 17:06

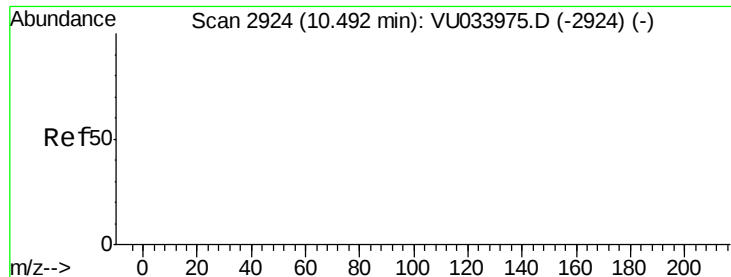
Tgt Ion: 105 Resp: 804326

Ion Ratio Lower Upper

105 100

120 49.9 24.6 73.6

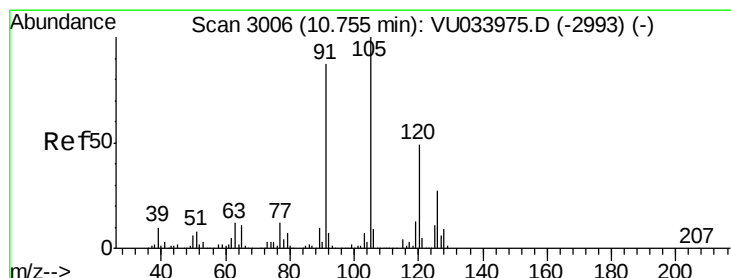
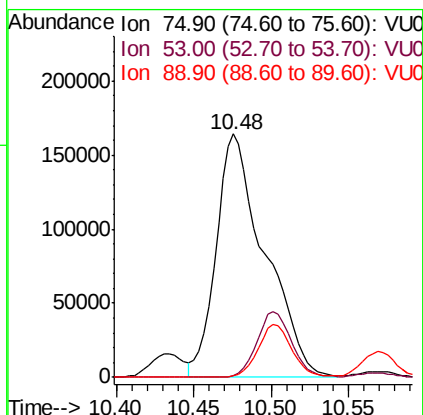
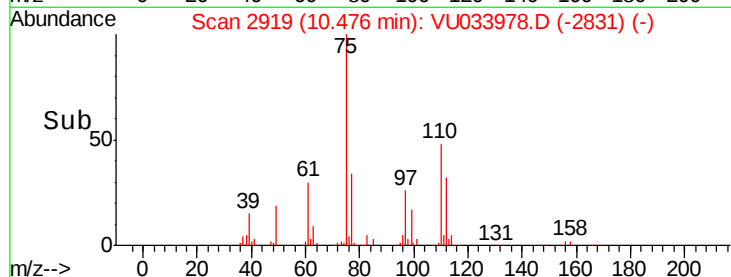
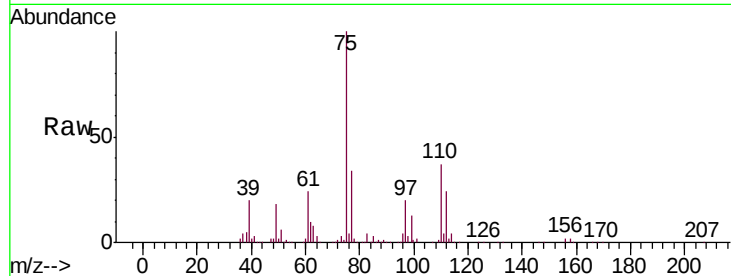




#81
trans-1,4-Dichloro-2-butene
Concen: 187.831 ug/l
RT: 10.48 min Scan# 2919
Delta R.T. -0.02 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

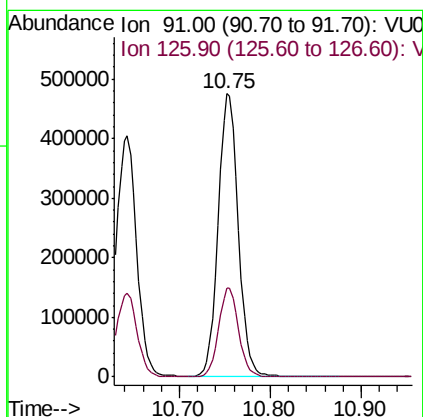
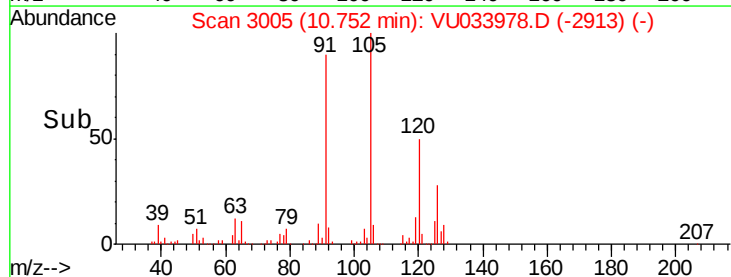
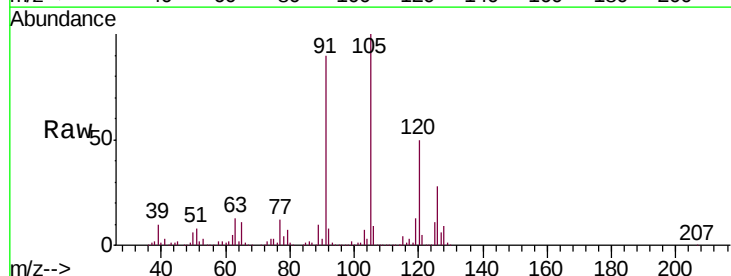
Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

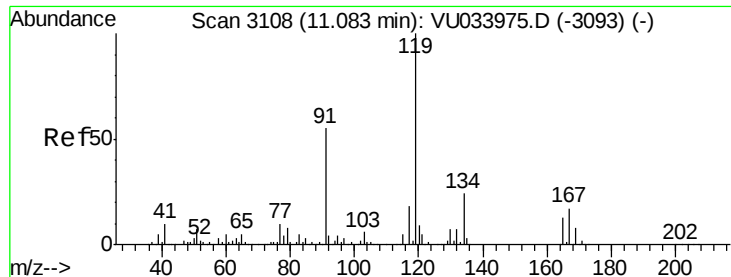
Tgt Ion: 75 Resp: 357378
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 52.005 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Tgt Ion: 91 Resp: 725170
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.4

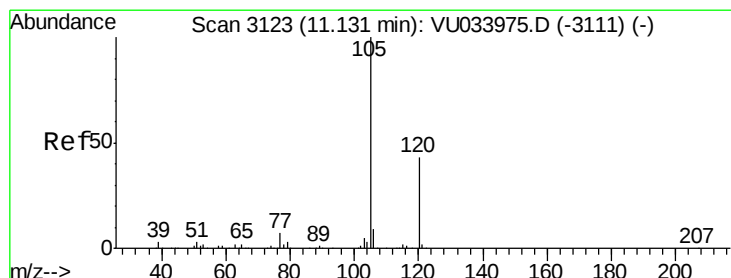
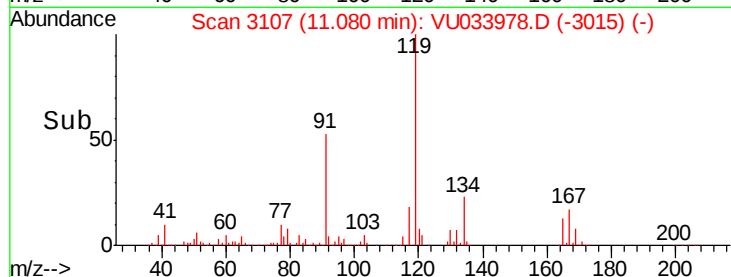
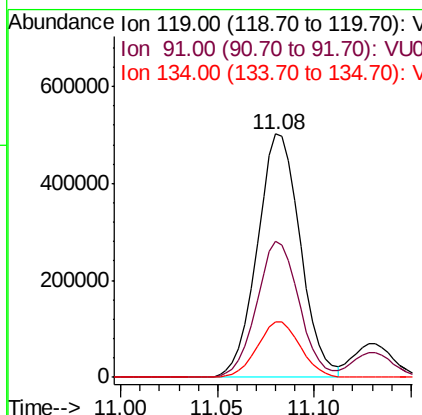
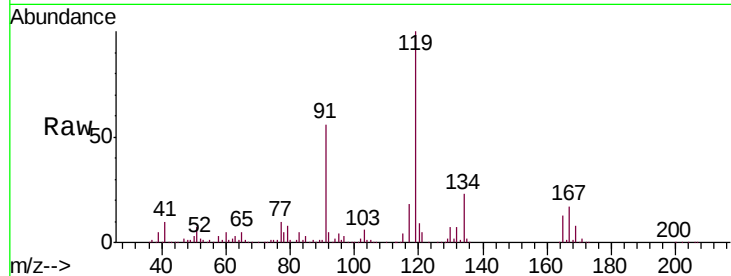




#83
 tert-Butylbenzene
 Concen: 53.296 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

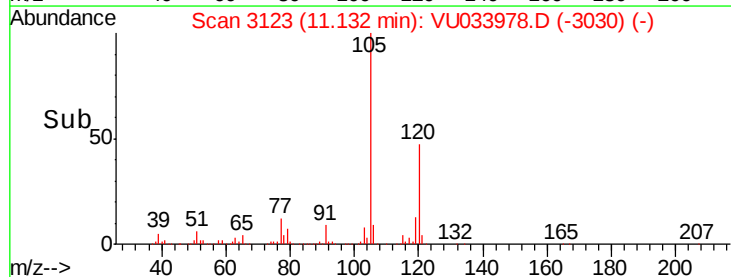
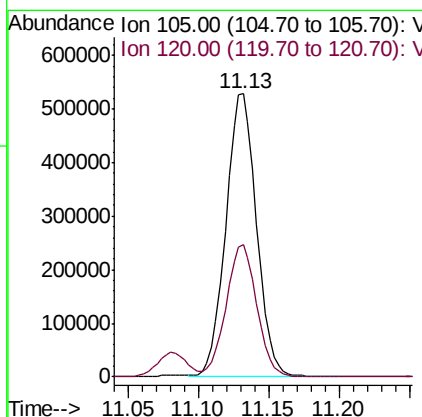
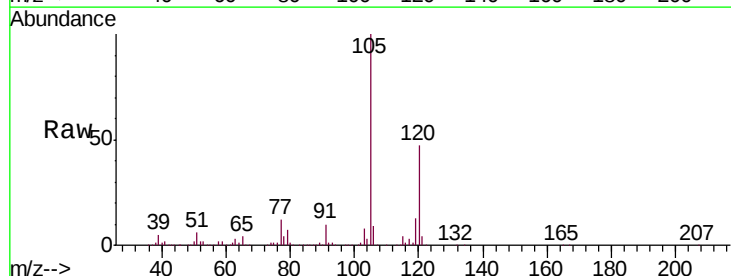
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU082819

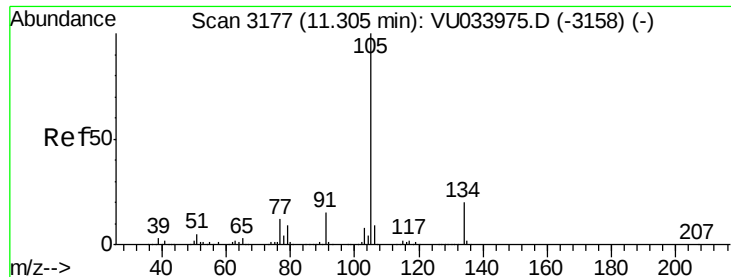
Tgt Ion:119 Resp: 779957
 Ion Ratio Lower Upper
 119 100
 91 54.9 27.6 82.8
 134 22.8 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 54.030 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

Tgt Ion:105 Resp: 799686
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.3 69.9

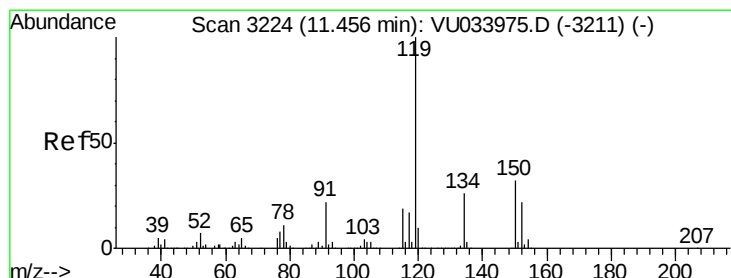
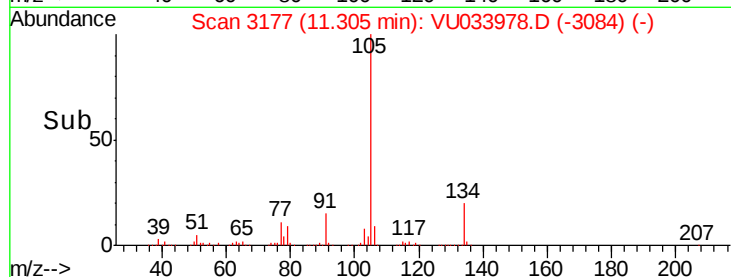
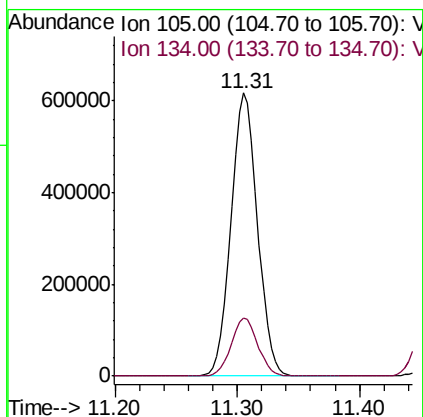
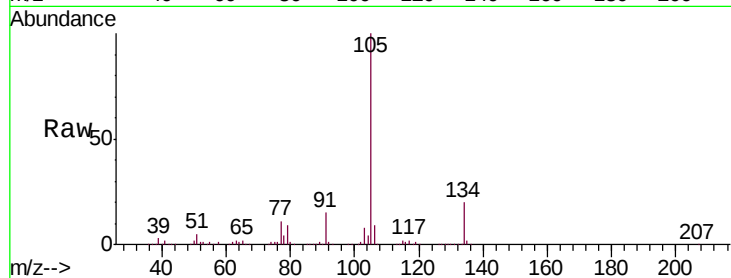




#85
 sec-Butylbenzene
 Concen: 53.407 ug/l
 RT: 11.31 min Scan# 3177
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

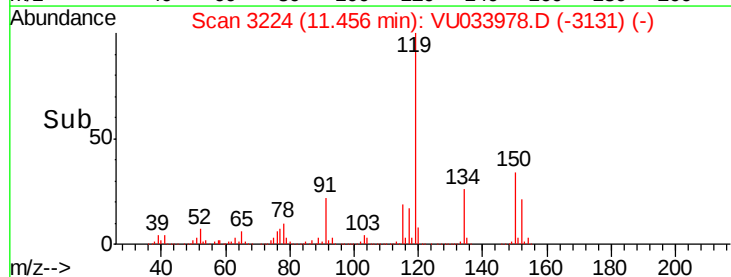
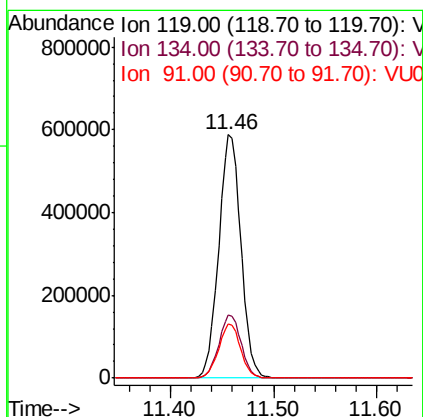
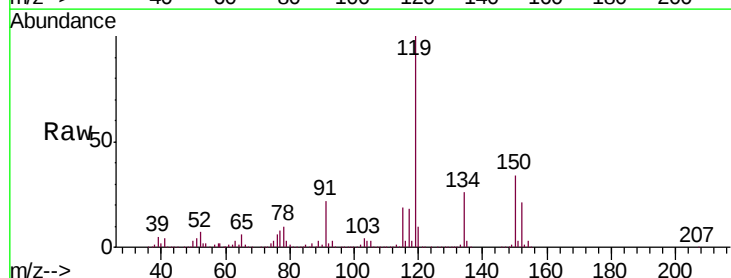
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU082819

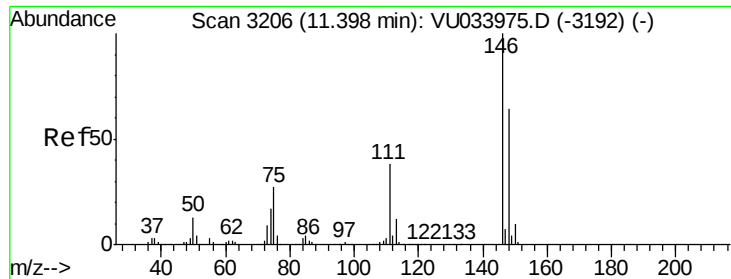
Tgt Ion:105 Resp: 932830
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 53.550 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

Tgt Ion:119 Resp: 875454
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 22.0 10.9 32.9

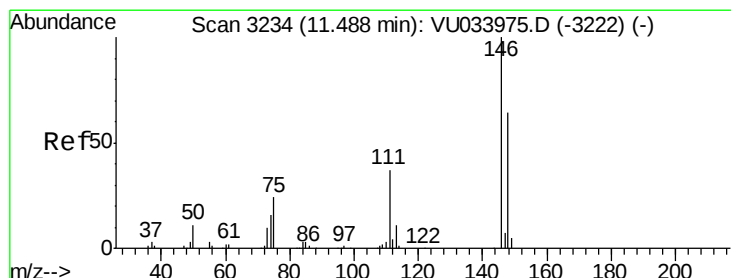
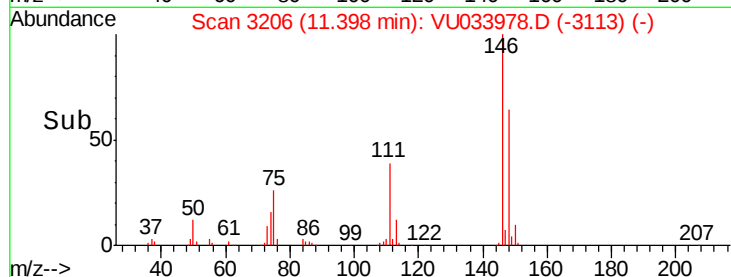
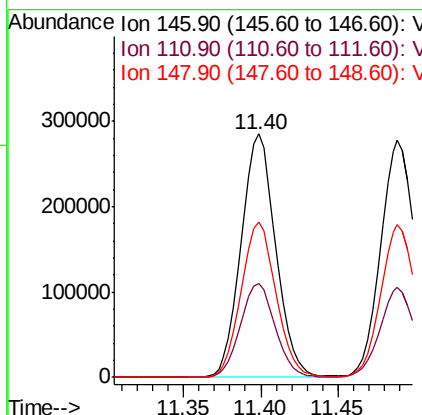
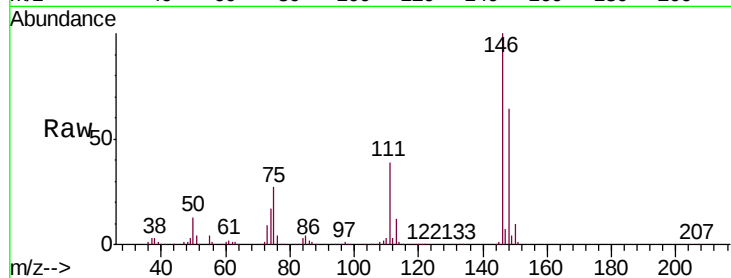




#87
 1,3-Dichlorobenzene
 Concen: 50.347 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

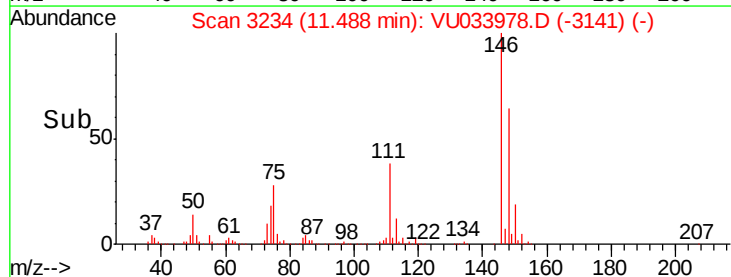
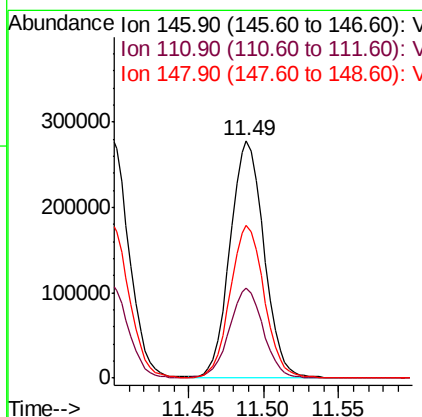
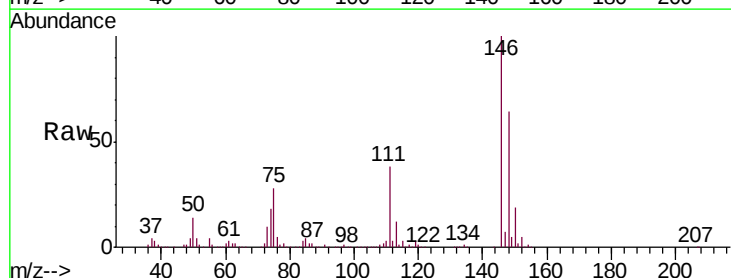
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU082819

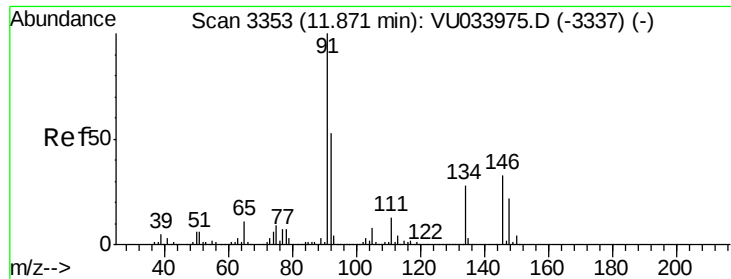
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.8	56.4
148	64.4	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.154 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU033978.D
 Acq: 27 Aug 2019 17:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.4
148	64.8	31.9	95.7

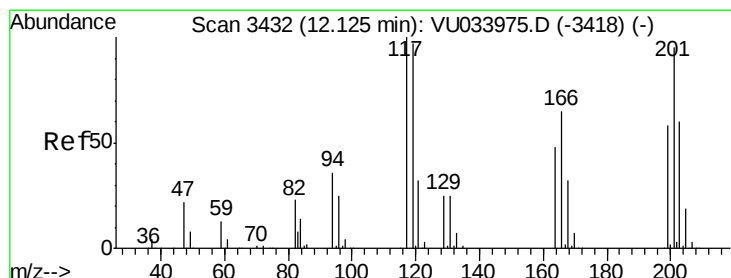
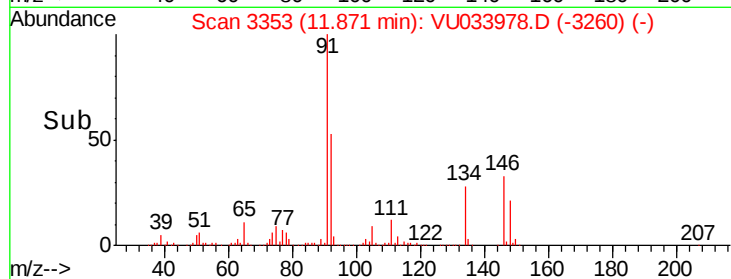
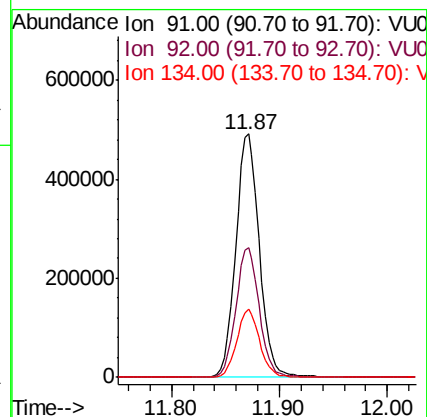
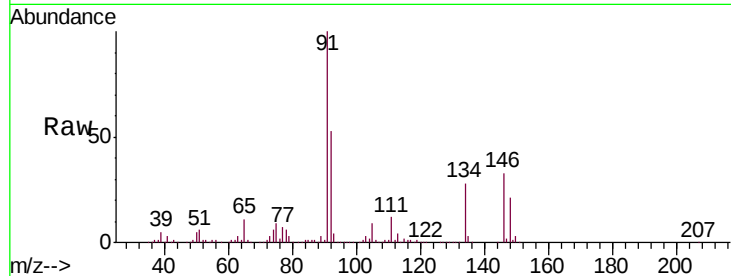




#89
n-Butylbenzene
Concen: 54.860 ug/l
RT: 11.87 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

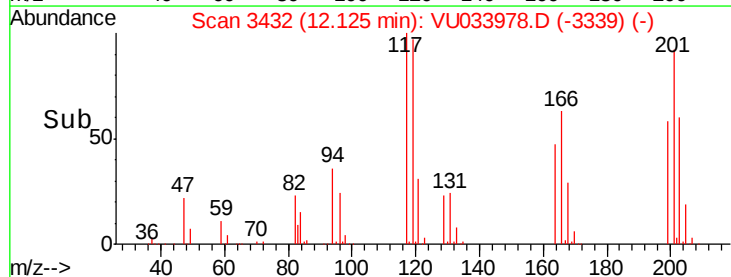
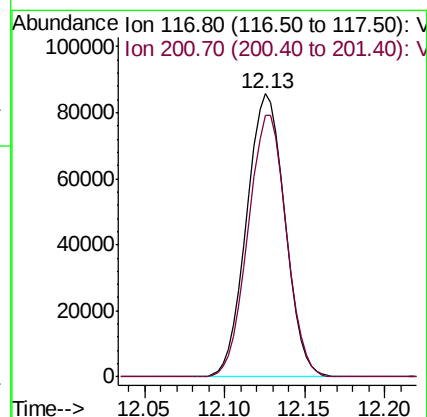
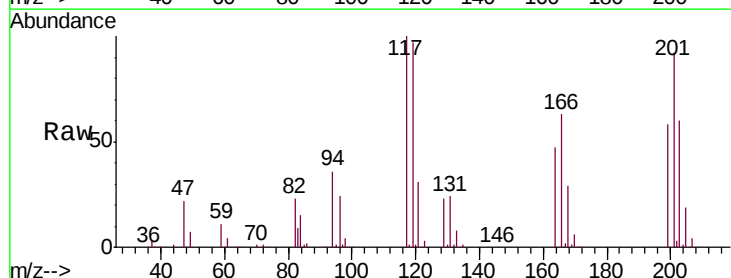
Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

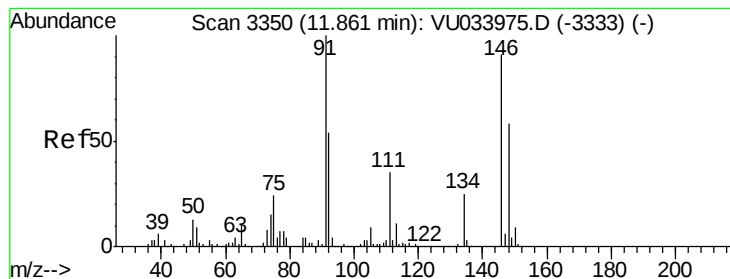
Tgt Ion: 91 Resp: 749581
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.0
134 27.4 13.6 40.8



#90
Hexachloroethane
Concen: 51.858 ug/l
RT: 12.13 min Scan# 3432
Delta R.T. 0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Tgt Ion: 117 Resp: 140225
Ion Ratio Lower Upper
117 100
201 92.5 47.5 142.5





#91

1,2-Dichlorobenzene

Concen: 50.335 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

Instrument :

MSVOA_U

ClientSampleId :

ICVVU082819

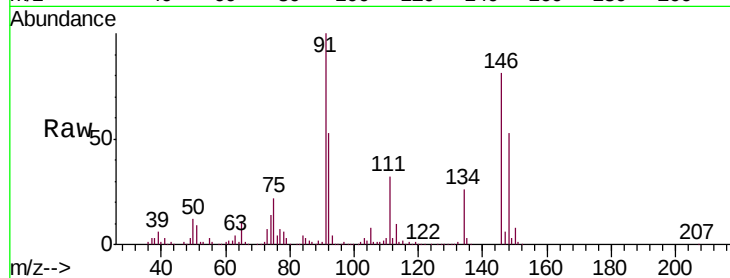
Tgt Ion:146 Resp: 437226

Ion Ratio Lower Upper

146 100

111 39.2 19.8 59.3

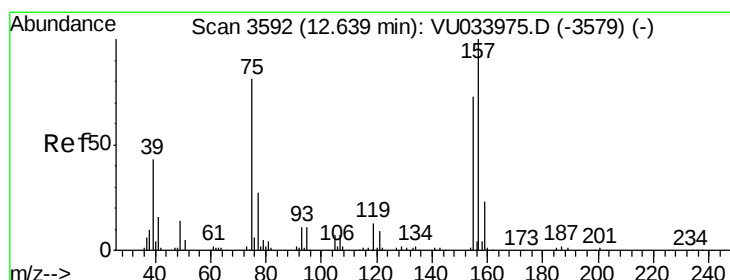
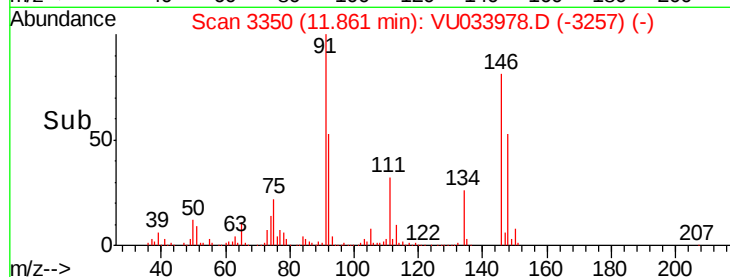
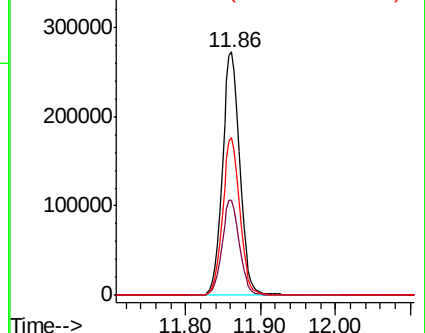
148 63.9 32.0 96.2



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: 55.039 ug/l

RT: 12.64 min Scan# 3592

Delta R.T. 0.00 min

Lab File: VU033978.D

Acq: 27 Aug 2019 17:06

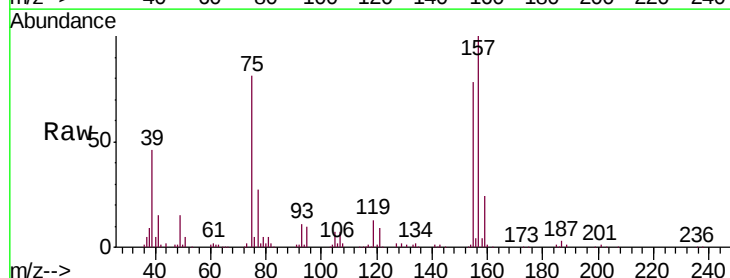
Tgt Ion: 75 Resp: 69897

Ion Ratio Lower Upper

75 100

155 95.8 46.9 140.6

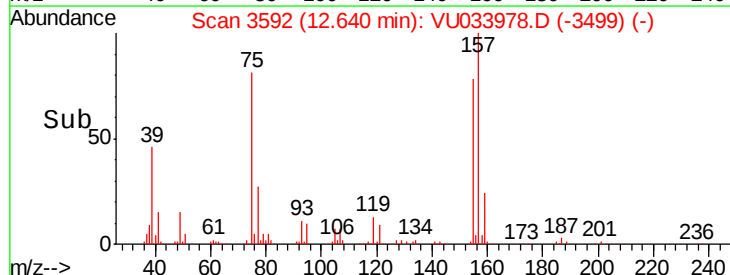
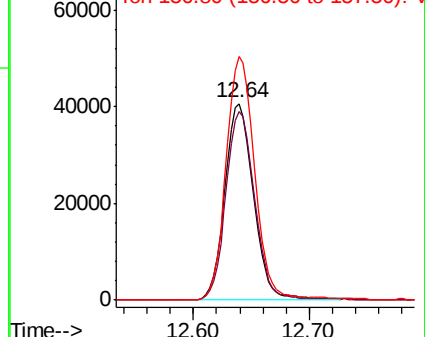
157 122.0 61.2 183.6

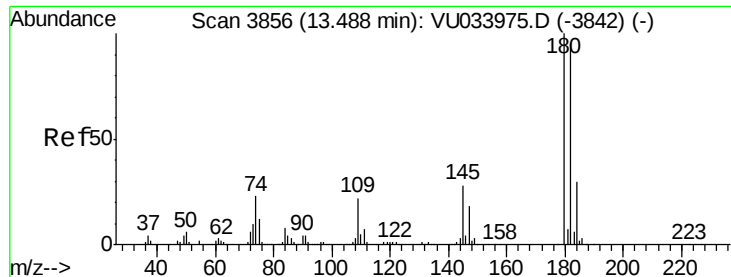


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

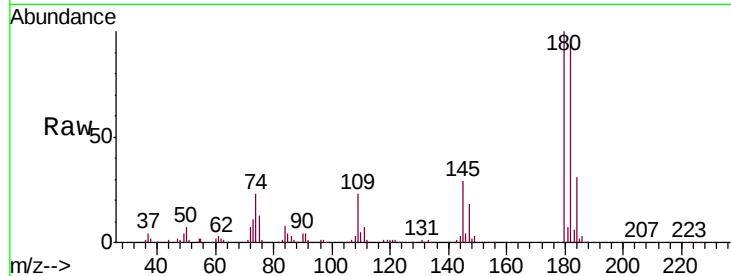




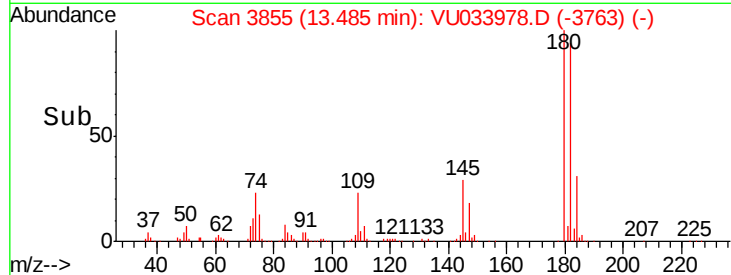
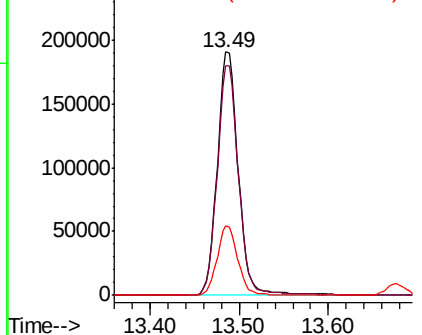
#93
1,2,4-Trichlorobenzene
Concen: 50.812 ug/l
RT: 13.49 min Scan# 3855
Delta R.T. -0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Instrument :
MSVOA_U
ClientSampleId :
ICVVU082819

Tgt Ion:180 Resp: 310606
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.2
145 28.0 14.4 43.2

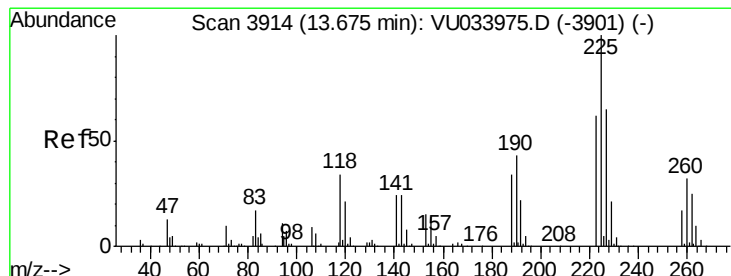


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 50.775 ug/l
RT: 13.68 min Scan# 3915
Delta R.T. 0.00 min
Lab File: VU033978.D
Acq: 27 Aug 2019 17:06

Tgt Ion:225 Resp: 180815
Ion Ratio Lower Upper
225 100
223 61.0 31.7 95.1
227 63.4 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

