

Data File : VU033972.D
Acq On : 27 Aug 2019 14:19
Operator : JC/SP
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Quant Time: Aug 28 02:00:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 01:57:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	345635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	522736	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	502791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	245190	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	4863	1.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.02%	
35) Dibromofluoromethane	4.86	113	4582	1.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.50%	
50) Toluene-d8	7.55	98	12837	0.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.88%	
62) 4-Bromofluorobenzene	10.29	95	5444	1.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3618	0.923	ug/l	91
3) Chloromethane	1.32	50	6008	1.281	ug/l	99
4) Vinyl Chloride	1.40	62	3617	0.711	ug/l #	30
5) Bromomethane	1.61	94	3286	1.179	ug/l	84
6) Chloroethane	1.69	64	2368	0.740	ug/l	91
7) Trichlorofluoromethane	1.87	101	4727	0.764	ug/l	89
8) Diethyl Ether	2.09	74	1954	0.745	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	2983	0.821	ug/l	98
10) Methyl Iodide	2.40	142	2718	0.671	ug/l #	97
11) Tert butyl alcohol	2.82	59	11405	11.224	ug/l #	94
12) 1,1-Dichloroethene	2.27	96	3253	0.872	ug/l	94
13) Acrolein	2.18	56	2263	4.105	ug/l	98
14) Allyl chloride	2.58	41	5608	0.835	ug/l	97
15) Acrylonitrile	2.93	53	9346	3.597	ug/l	99
16) Acetone	2.31	43	10688	3.817	ug/l	95
17) Carbon Disulfide	2.46	76	12233	0.998	ug/l	96
18) Methyl Acetate	2.61	43	4555	0.728	ug/l #	75
19) Methyl tert-butyl Ether	2.98	73	9752	0.820	ug/l	96
20) Methylene Chloride	2.68	84	4622	1.003	ug/l	95
21) trans-1,2-Dichloroethene	2.97	96	3659	0.891	ug/l	96
22) Diisopropyl ether	3.55	45	9440	0.744	ug/l #	61
23) Vinyl Acetate	3.51	43	37208	3.558	ug/l	96
24) 1,1-Dichloroethane	3.43	63	6138	0.780	ug/l	98
25) 2-Butanone	4.26	43	11820	3.271	ug/l	94
26) 2,2-Dichloropropane	4.20	77	5658	0.883	ug/l	96
27) cis-1,2-Dichloroethene	4.21	96	4075	0.922	ug/l	97
28) Bromochloromethane	4.52	49	3002	0.779	ug/l #	99
29) Tetrahydrofuran	4.63	42	7642	3.509	ug/l #	87
30) Chloroform	4.65	83	7238	0.921	ug/l	90
31) Cyclohexane	4.96	56	10182	1.479	ug/l #	22
32) 1,1,1-Trichloroethane	4.89	97	5318	0.824	ug/l #	50
36) 1,1-Dichloropropene	5.12	75	5606	1.062	ug/l #	86
37) Ethyl Acetate	4.38	43	2273	0.371	ug/l #	93
38) Carbon Tetrachloride	5.11	117	4937	0.929	ug/l	91

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ClientSampleId :
VSTDIC001

Quant Time: Aug 28 02:00:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 01:57:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	5544	0.943	ug/l	91
40) Benzene	5.37	78	14218	0.906	ug/l	99
41) Methacrylonitrile	4.55	41	1478	0.480	ug/l #	77
42) 1,2-Dichloroethane	5.39	62	4880	0.850	ug/l	80
43) Isopropyl Acetate	5.53	43	6471	0.722	ug/l	95
44) Trichloroethene	6.17	130	4129	0.996	ug/l	100
45) 1,2-Dichloropropane	6.41	63	3732	0.862	ug/l	98
46) Dibromomethane	6.54	93	2690	0.958	ug/l	97
47) Bromodichloromethane	6.74	83	4659	0.827	ug/l	92
48) Methyl methacrylate	6.62	41	2967	0.736	ug/l	95
49) 1,4-Dioxane	6.60	88	1551	16.301	ug/l #	14
51) 4-Methyl-2-Pentanone	7.44	43	22679	3.734	ug/l	94
52) Toluene	7.62	92	8232	0.898	ug/l	92
53) t-1,3-Dichloropropene	7.87	75	5147	0.882	ug/l	99
54) cis-1,3-Dichloropropene	7.26	75	5316	0.817	ug/l	97
55) 1,1,2-Trichloroethane	8.05	97	3878	0.964	ug/l	91
56) Ethyl methacrylate	8.01	69	3989	0.730	ug/l	99
57) 1,3-Dichloropropane	8.23	76	6043	0.869	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.12	63	8074	4.141	ug/l	92
59) 2-Hexanone	8.36	43	17197	3.713	ug/l	86
60) Dibromochloromethane	8.46	129	4037	0.951	ug/l	96
61) 1,2-Dibromoethane	8.57	107	3828	0.916	ug/l	99
64) Tetrachloroethene	8.21	164	4242	1.143	ug/l	96
65) Chlorobenzene	9.10	112	10332	0.996	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.19	131	3687	0.957	ug/l #	59
67) Ethyl Benzene	9.23	91	16628	0.981	ug/l	96
68) m/p-Xylenes	9.36	106	12116	1.932	ug/l	100
69) o-Xylene	9.77	106	5626	0.938	ug/l	96
70) Styrene	9.78	104	8833	0.852	ug/l	94
71) Bromoform	9.95	173	3080	0.946	ug/l #	98
73) Isopropylbenzene	10.15	105	14694	0.972	ug/l	97
74) N-amyl acetate	10.01	43	4992	0.786	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.44	83	6124	0.968	ug/l	95
76) 1,2,3-Trichloropropane	10.48	75	7276	1.306	ug/l #	34
77) Bromobenzene	10.44	156	4565	1.119	ug/l	99
78) n-propylbenzene	10.57	91	16581	0.927	ug/l	97
79) 2-Chlorotoluene	10.65	91	10354	0.965	ug/l	97
80) 1,3,5-Trimethylbenzene	10.76	105	11991	0.927	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.48	75	7276	3.573	ug/l #	100
82) 4-Chlorotoluene	10.76	91	12374	0.983	ug/l	98
83) tert-Butylbenzene	11.08	119	12159	1.004	ug/l	96
84) 1,2,4-Trimethylbenzene	11.13	105	10964	0.872	ug/l	100
85) sec-Butylbenzene	11.31	105	13921	0.920	ug/l	100
86) p-Isopropyltoluene	11.46	119	12489	0.906	ug/l	93
87) 1,3-Dichlorobenzene	11.40	146	8380	1.090	ug/l	98
88) 1,4-Dichlorobenzene	11.40	146	8380	1.055	ug/l	98
89) n-Butylbenzene	11.88	91	10433	0.848	ug/l	92
90) Hexachloroethane	12.13	117	2404	0.906	ug/l	97
91) 1,2-Dichlorobenzene	11.86	146	8441	1.144	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.65	75	924	0.710	ug/l	83

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

Data File : VU033972.D
Acq On : 27 Aug 2019 14:19
Operator : JC/SP
Sample : VSTDICC001
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ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
QLast Update : Wed Aug 28 01:57:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	3448	0.774	ug/l	76
94) Hexachlorobutadiene	13.67	225	3480	1.241	ug/l	94
95) Naphthalene	13.74	128	3270	0.268	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.99	180	3743	0.836	ug/l	84

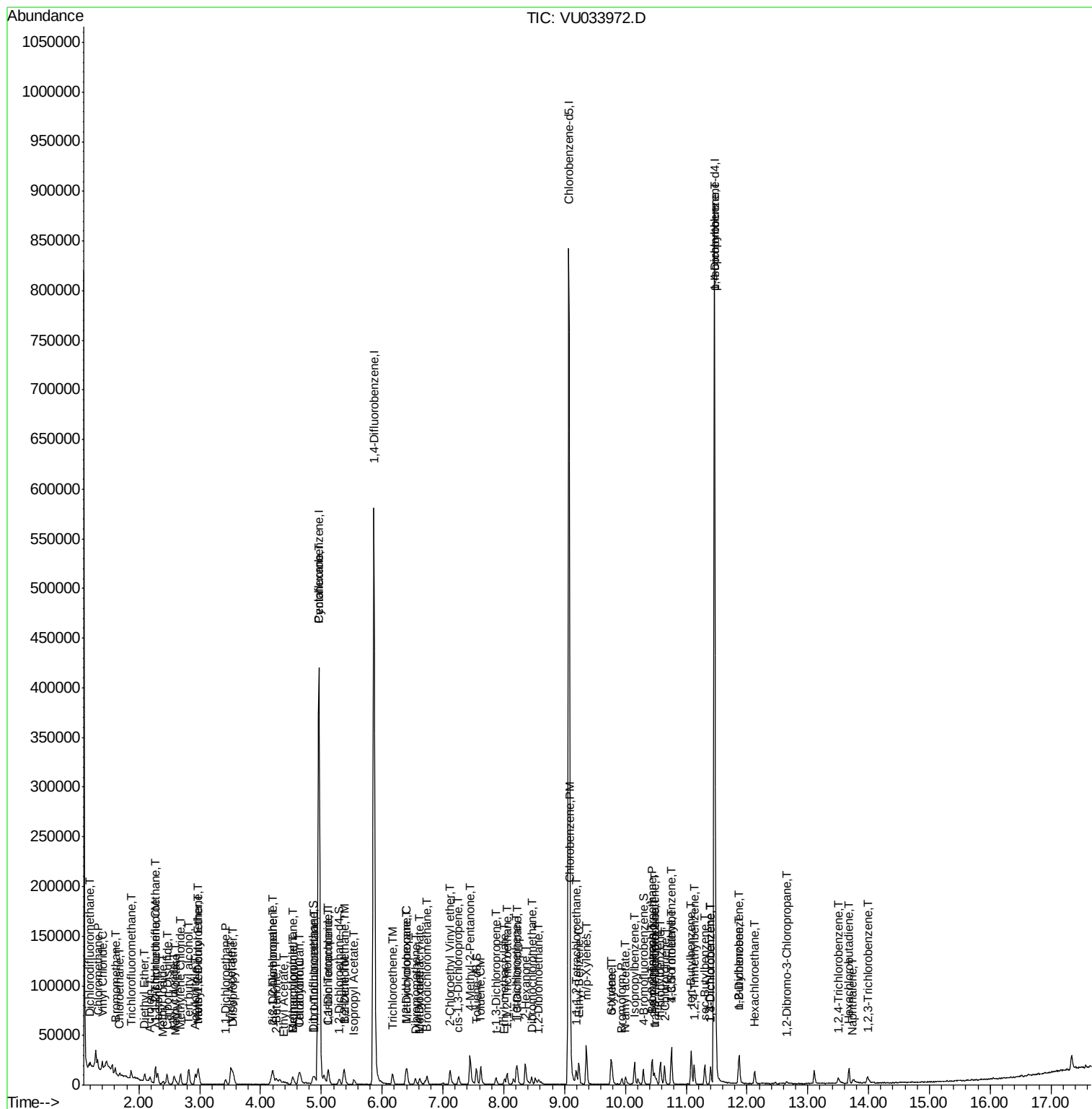
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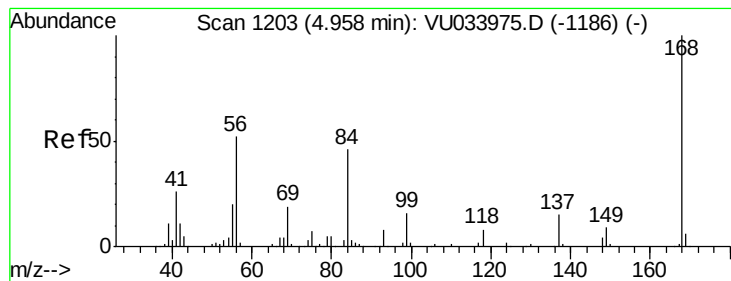
Data File : VU033972.D

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Acq On       : 27 Aug 2019   14:19
Operator     : JC/SP
Sample       : VSTDICC001
Misc         : 5.0mL/MSVOA_U/WATER
ALS Vial     : 2      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Quant Time: Aug 28 02:00:14 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

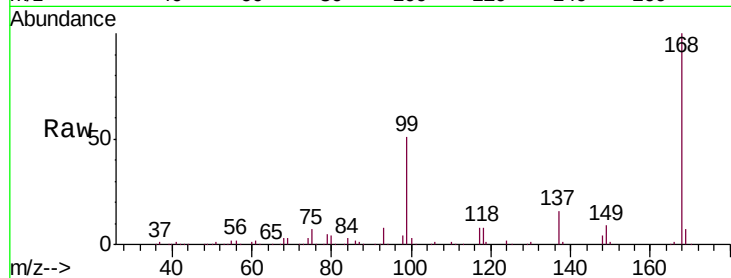
VSTDIC001

Tgt Ion:168 Resp: 345635

Ion Ratio Lower Upper

168 100

99 50.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033972.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033972.D (-1186) (-)

4.96

150000

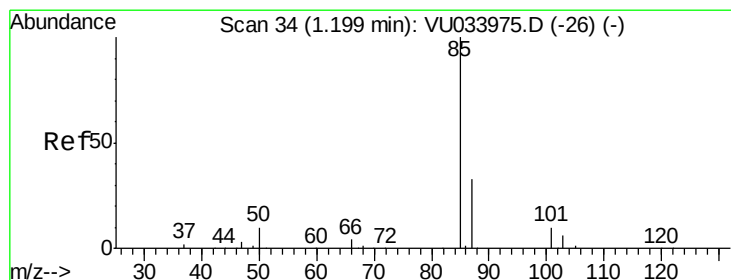
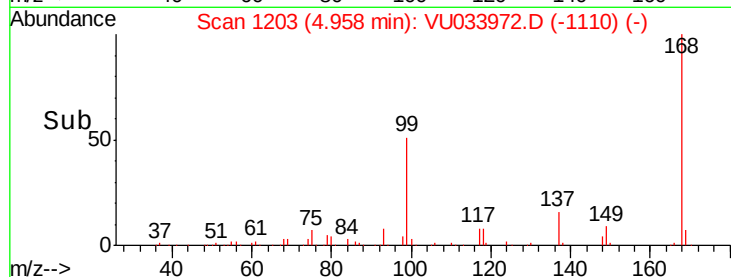
100000

50000

0

4.90 5.00

Time-->



#2

Dichlorodifluoromethane

Concen: 0.923 ug/l

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU033972.D

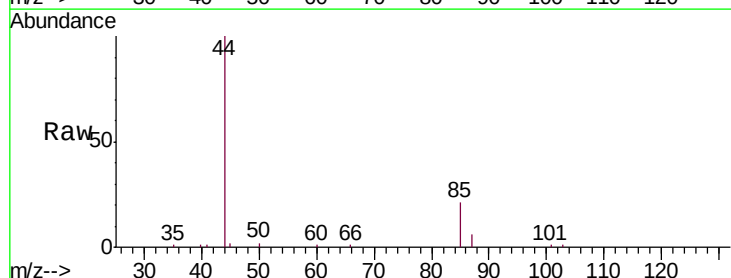
Acq: 27 Aug 2019 14:19

Tgt Ion: 85 Resp: 3618

Ion Ratio Lower Upper

85 100

87 27.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VU033972.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU033972.D (-1) (-)

1.20

4000

3000

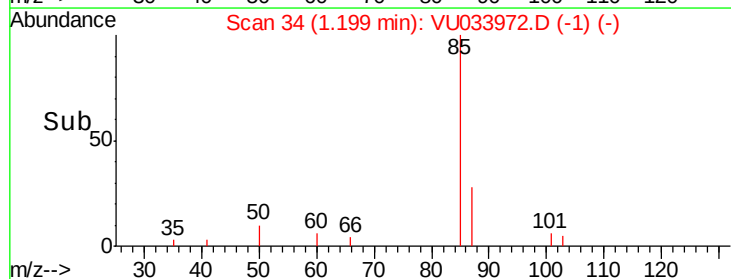
2000

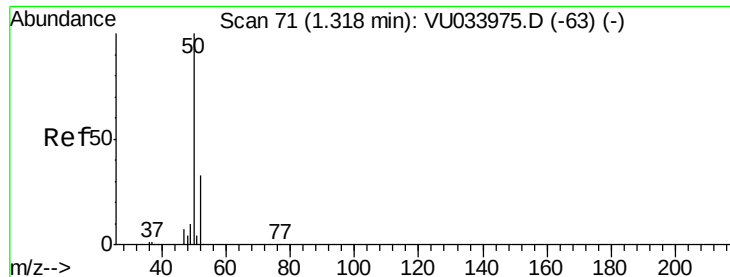
1000

0

1.16 1.18 1.20 1.22 1.24

Time-->





#3

Chloromethane

Concen: 1.281 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

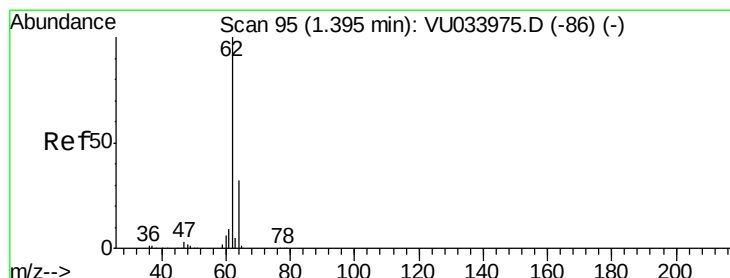
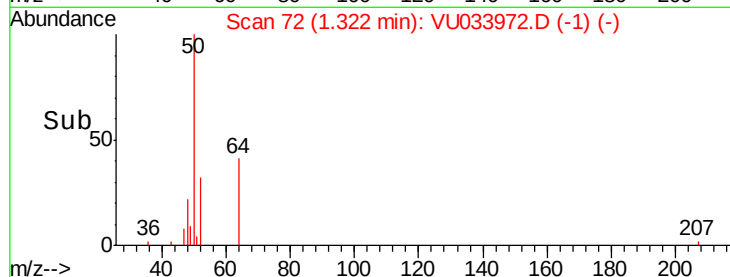
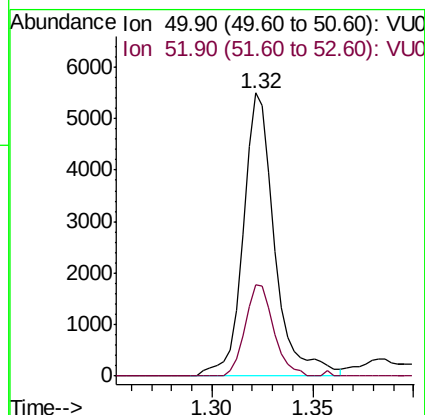
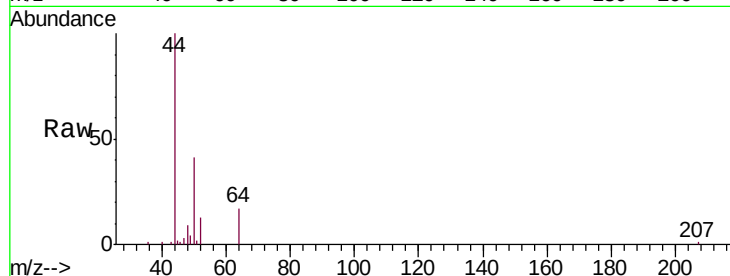
VSTDIC001

Tgt Ion: 50 Resp: 6008

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.2



#4

Vinyl Chloride

Concen: 0.711 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU033972.D

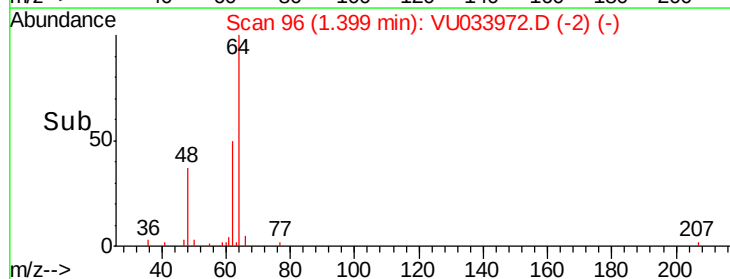
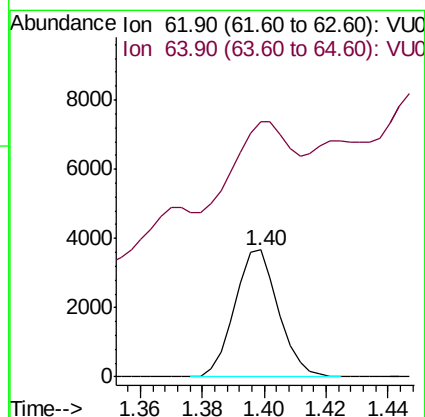
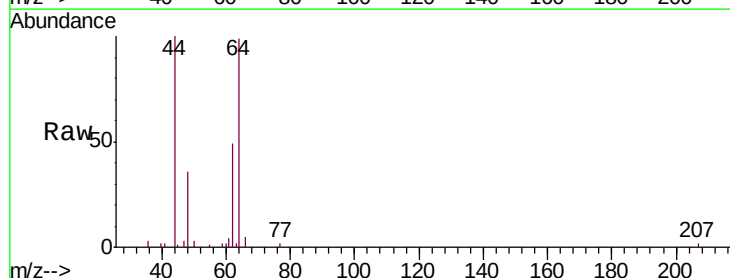
Acq: 27 Aug 2019 14:19

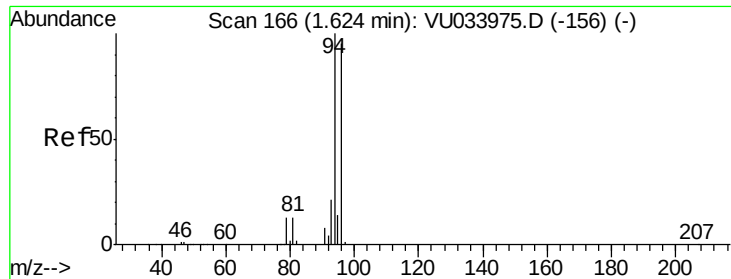
Tgt Ion: 62 Resp: 3617

Ion Ratio Lower Upper

62 100

64 71.7 25.9 38.9#





#5

Bromomethane

Concen: 1.179 ug/l

RT: 1.61 min Scan# 162

Delta R.T. -0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

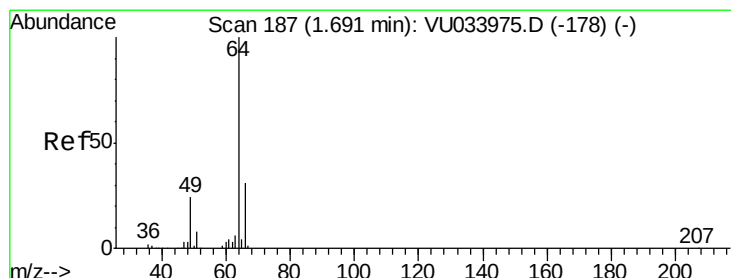
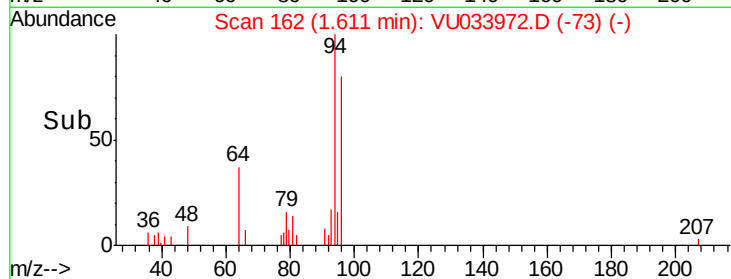
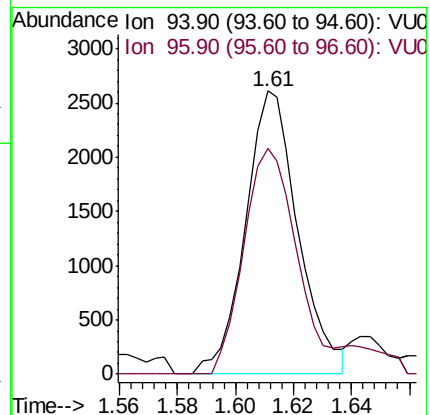
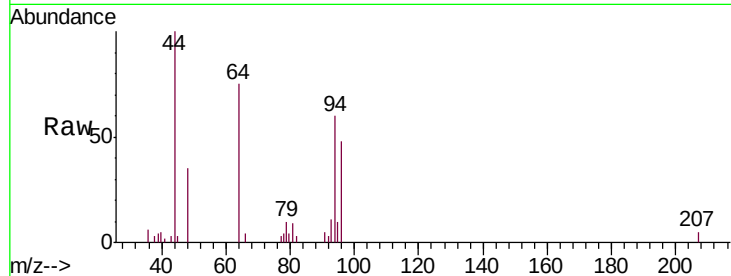
VSTDIC001

Tgt Ion: 94 Resp: 3286

Ion Ratio Lower Upper

94 100

96 79.7 76.3 114.5



#6

Chloroethane

Concen: 0.740 ug/l

RT: 1.69 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU033972.D

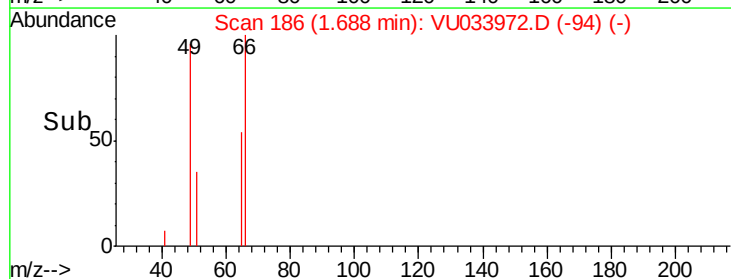
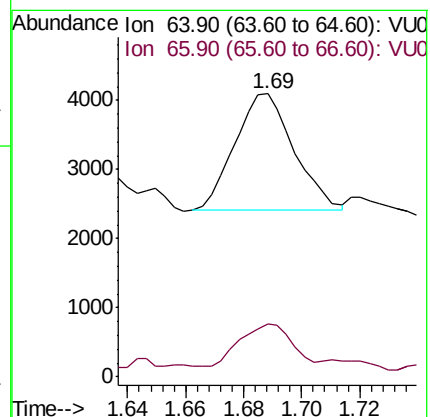
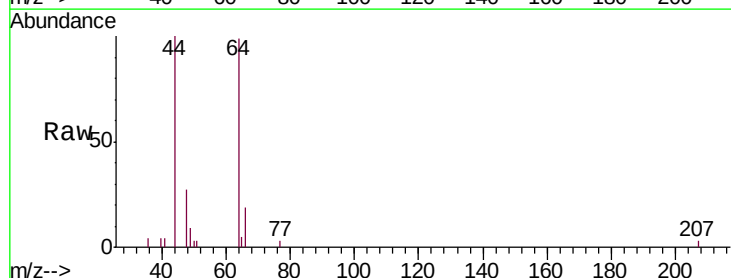
Acq: 27 Aug 2019 14:19

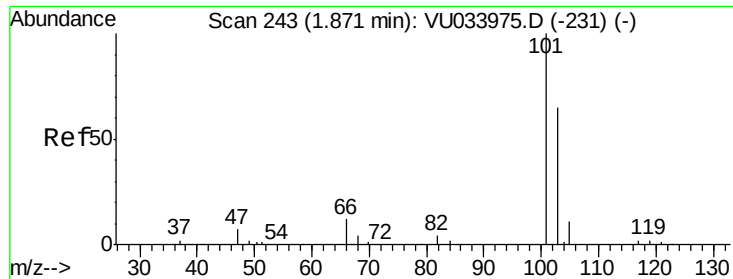
Tgt Ion: 64 Resp: 2368

Ion Ratio Lower Upper

64 100

66 36.1 24.9 37.3



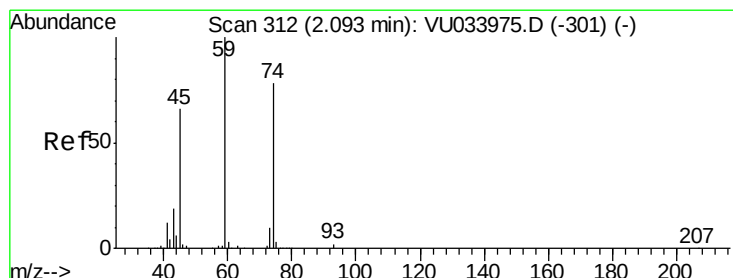
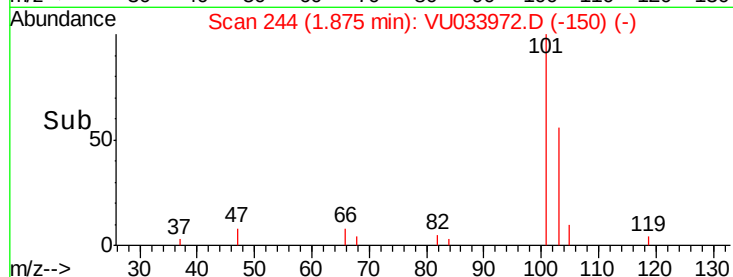
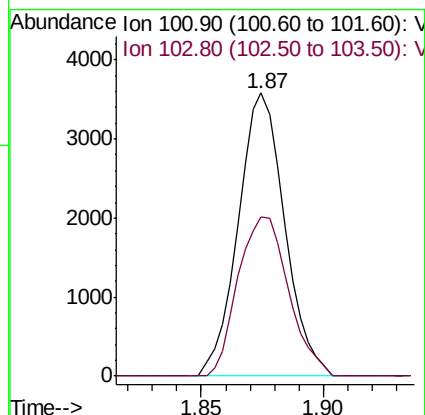
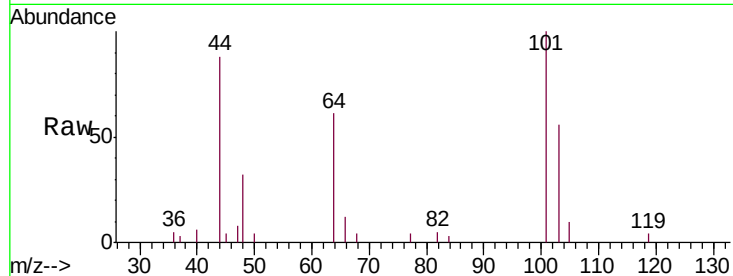


#7

Trichlorofluoromethane
 Concen: 0.764 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

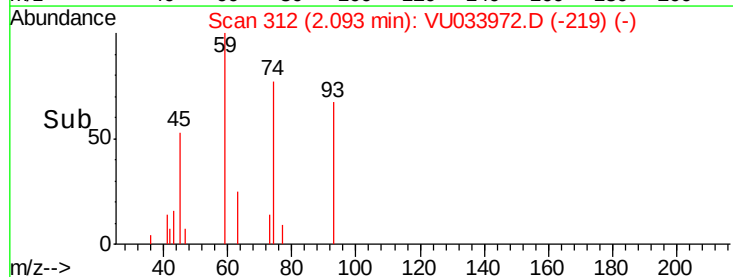
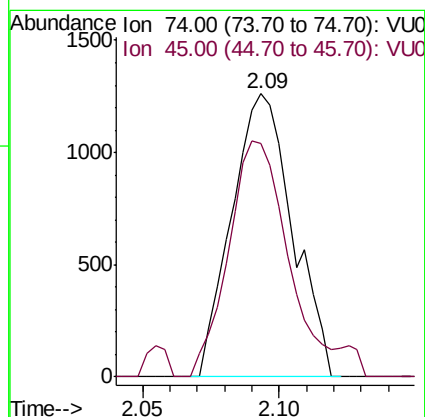
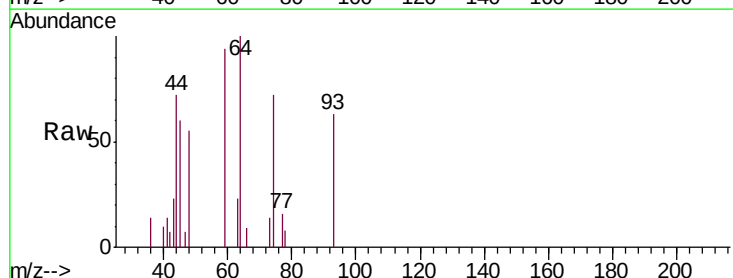
Tgt Ion:101 Resp: 4727
 Ion Ratio Lower Upper
 101 100
 103 56.4 52.0 78.0

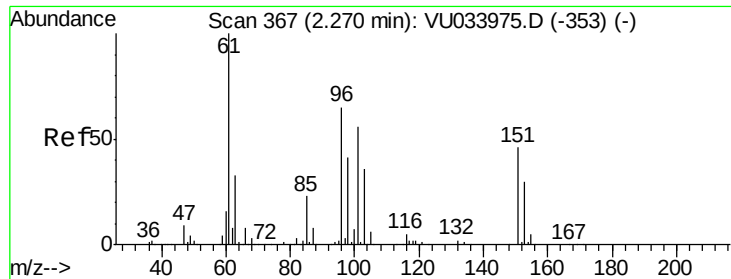


#8

Diethyl Ether
 Concen: 0.745 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

Tgt Ion: 74 Resp: 1954
 Ion Ratio Lower Upper
 74 100
 45 84.9 42.8 128.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.821 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

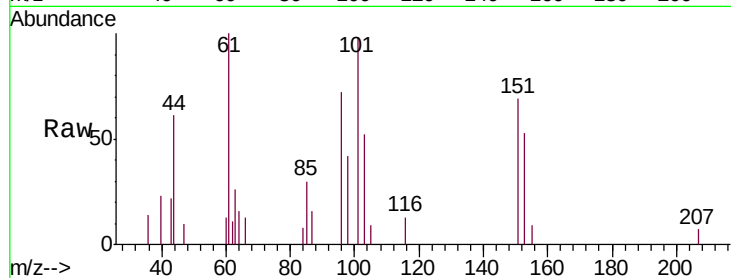
Tgt Ion:101 Resp: 2983

Ion Ratio Lower Upper

101 100

85 40.6 33.4 50.0

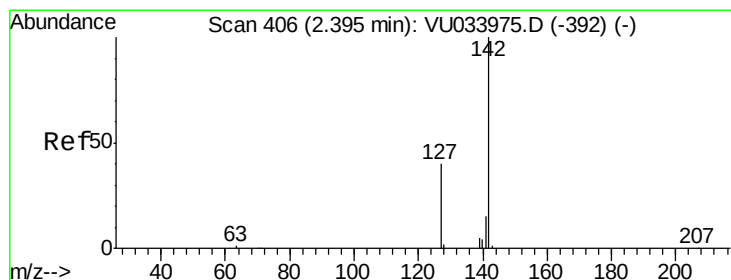
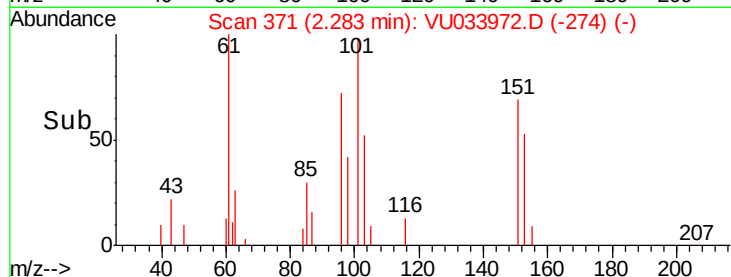
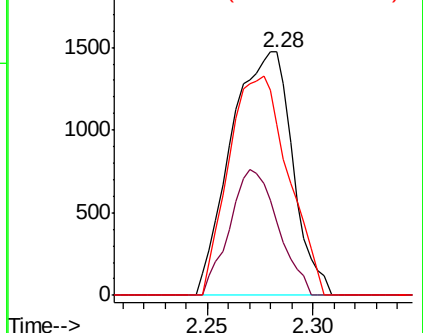
151 87.0 67.6 101.4



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: 0.671 ug/l

RT: 2.40 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

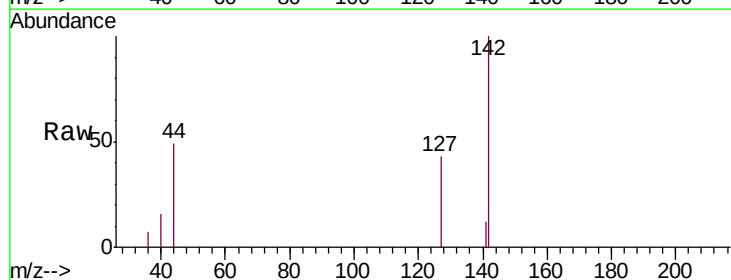
Tgt Ion:142 Resp: 2718

Ion Ratio Lower Upper

142 100

127 40.9 32.2 48.2

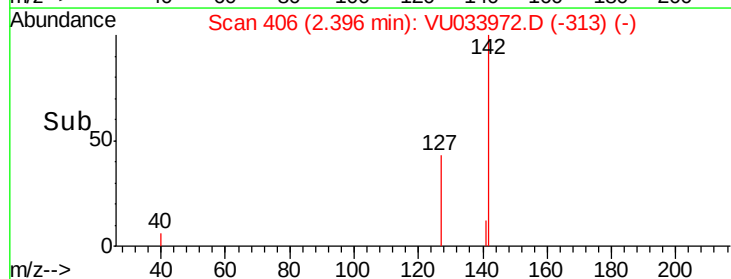
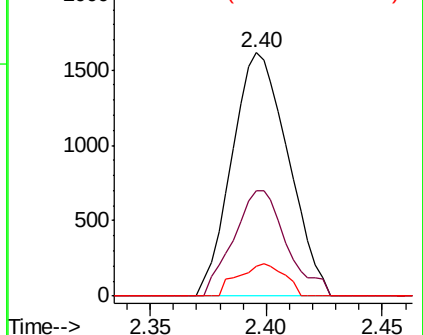
141 10.9 11.8 17.8#

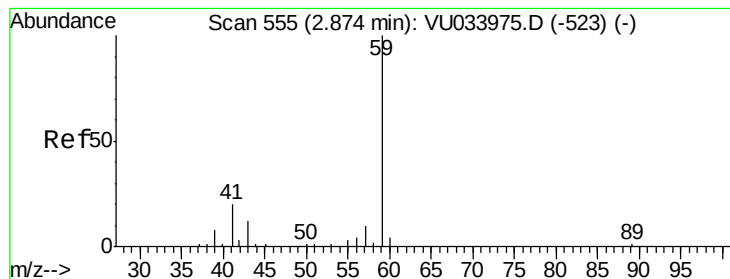


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 11.224 ug/l

RT: 2.82 min Scan# 537

Delta R.T. -0.06 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

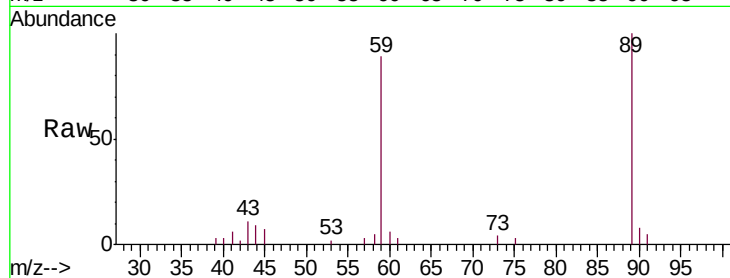
VSTDIC001

Tgt Ion: 59 Resp: 11405

Ion Ratio Lower Upper

59 100

57 2.9 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VU033972.D (-523) (-)

Ion 57.00 (56.70 to 57.70): VU033972.D (-523) (-)

2.82

6000

5000

4000

3000

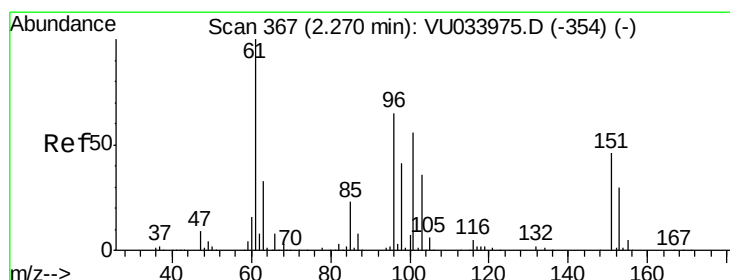
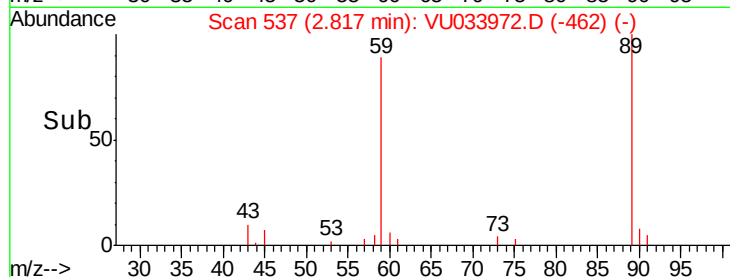
2000

1000

0

Time-->

2.75 2.80 2.85 2.90



#12

1,1-Dichloroethene

Concen: 0.872 ug/l

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

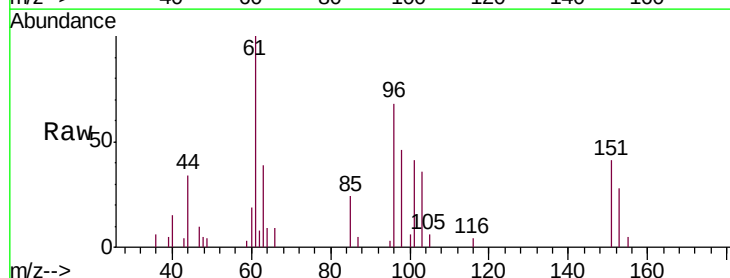
Tgt Ion: 96 Resp: 3253

Ion Ratio Lower Upper

96 100

61 146.6 123.3 184.9

98 66.9 50.5 75.7



Abundance Ion 95.90 (95.60 to 96.60): VU033972.D (-274) (-)

Ion 60.90 (60.60 to 61.60): VU033972.D (-274) (-)

Ion 97.90 (97.60 to 98.60): VU033972.D (-274) (-)

4000

3000

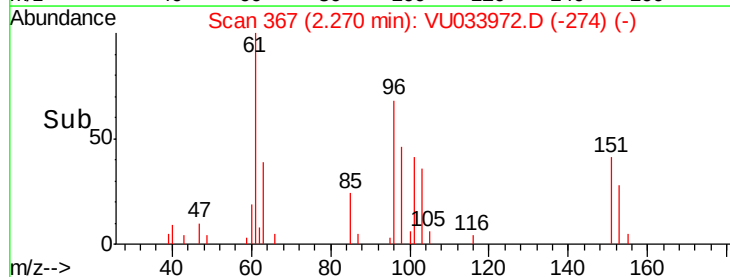
2000

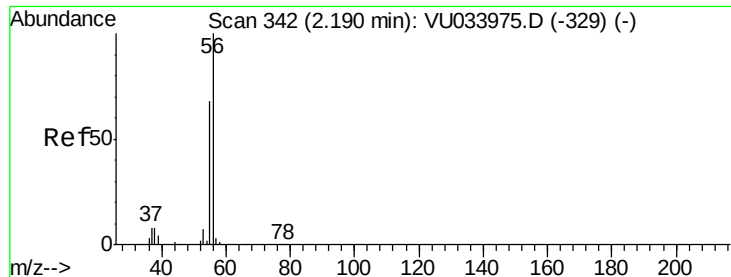
1000

0

Time-->

2.25 2.30





#13

Acrolein

Concen: 4.105 ug/l

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

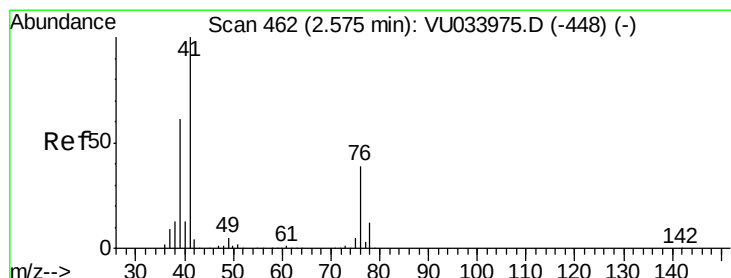
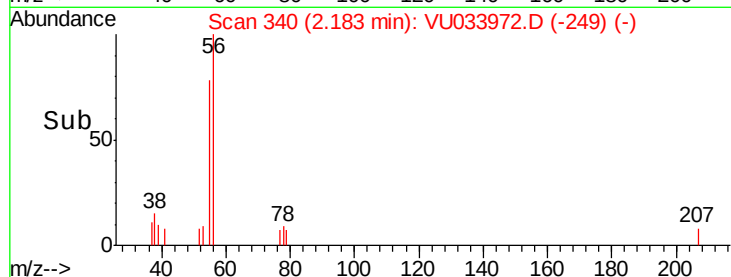
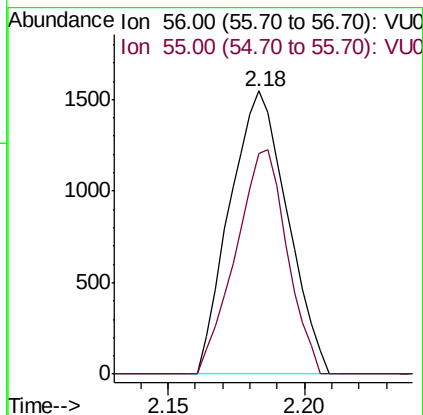
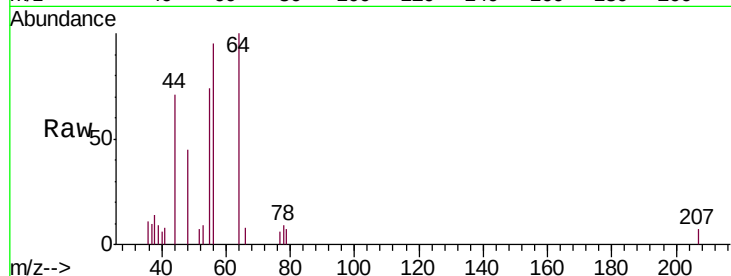
VSTDIC001

Tgt Ion: 56 Resp: 2263

Ion Ratio Lower Upper

56 100

55 70.7 58.0 87.0



#14

Allyl chloride

Concen: 0.835 ug/l

RT: 2.58 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

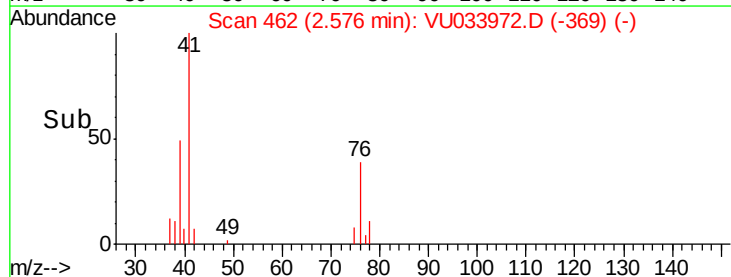
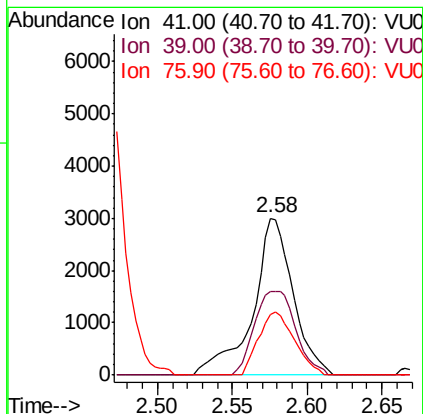
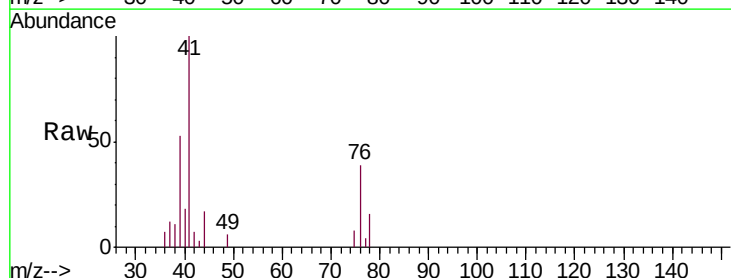
Tgt Ion: 41 Resp: 5608

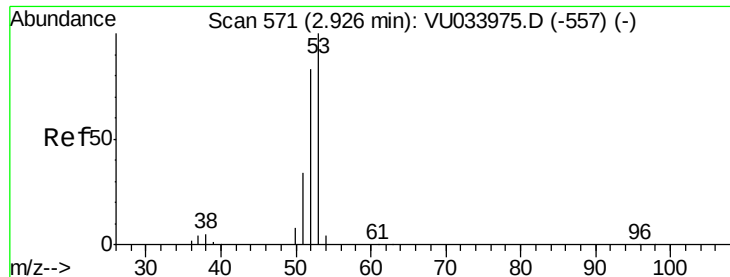
Ion Ratio Lower Upper

41 100

39 54.7 45.9 68.9

76 35.9 29.4 44.2





#15

Acrylonitrile

Concen: 3.597 ug/l

RT: 2.93 min Scan# 571

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

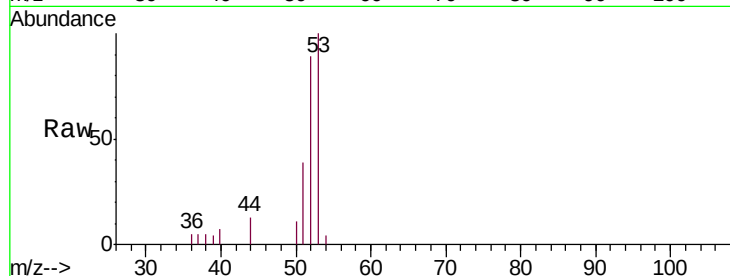
Tgt Ion: 53 Resp: 9346

Ion Ratio Lower Upper

53 100

52 82.4 66.7 100.1

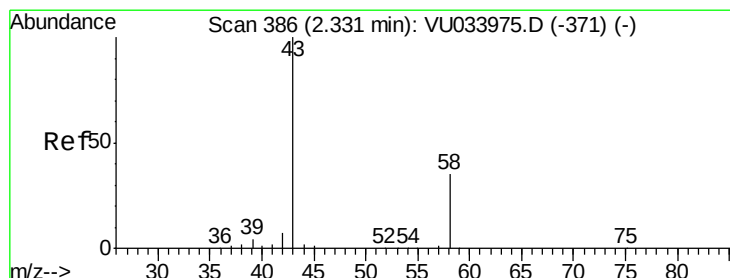
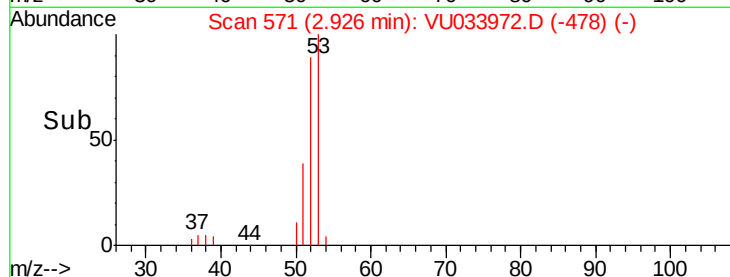
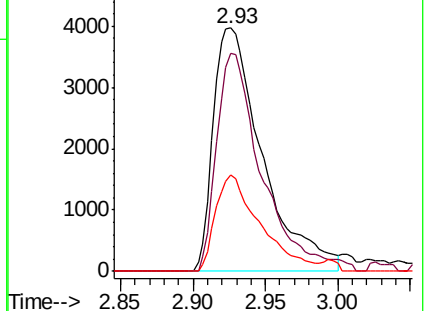
51 35.7 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VU033972.D (-557) (-)

Ion 52.00 (51.70 to 52.70): VU033972.D (-557) (-)

Ion 51.00 (50.70 to 51.70): VU033972.D (-557) (-)



#16

Acetone

Concen: 3.817 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033972.D

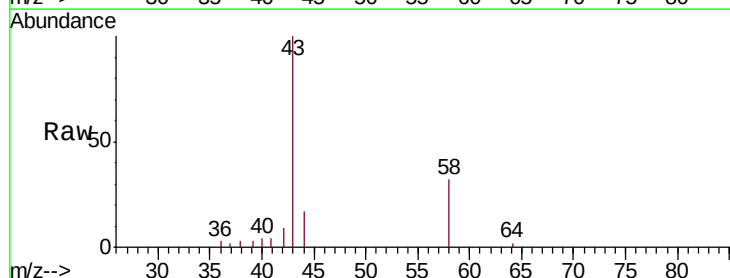
Acq: 27 Aug 2019 14:19

Tgt Ion: 43 Resp: 10688

Ion Ratio Lower Upper

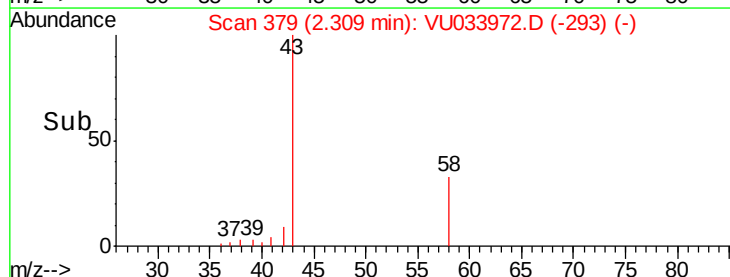
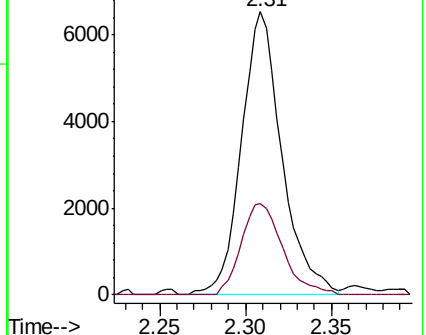
43 100

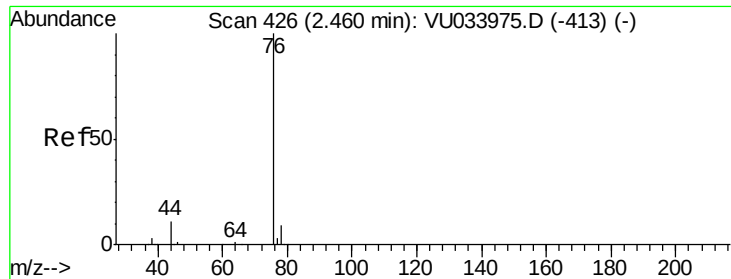
58 32.1 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VU033972.D (-293) (-)

Ion 58.00 (57.70 to 58.70): VU033972.D (-293) (-)





#17

Carbon Disulfide

Concen: 0.998 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

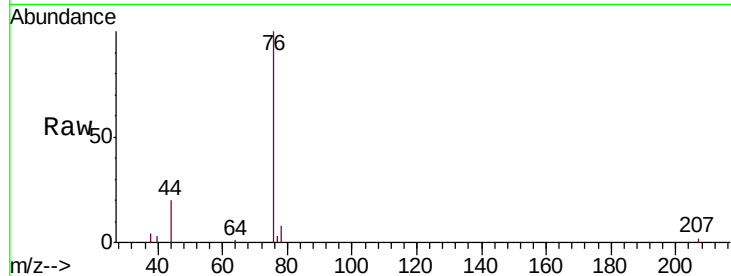
VSTDIC001

Tgt Ion: 76 Resp: 12233

Ion Ratio Lower Upper

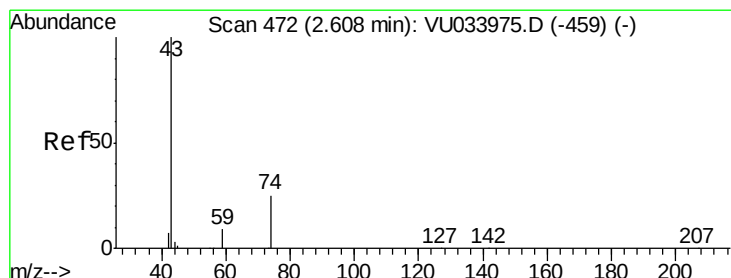
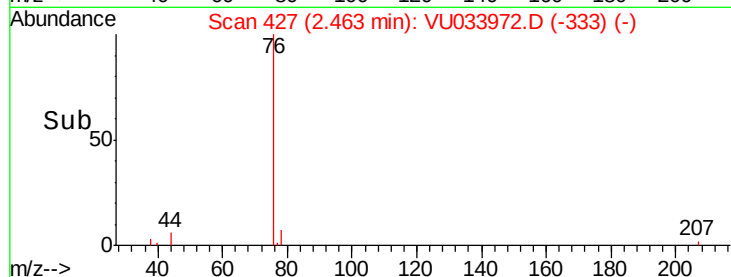
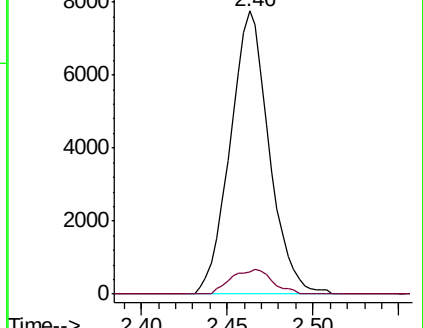
76 100

78 8.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VU033972.D (-413) (-)

Ion 77.90 (77.60 to 78.60): VU033972.D (-413) (-)



#18

Methyl Acetate

Concen: 0.728 ug/l

RT: 2.61 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU033972.D

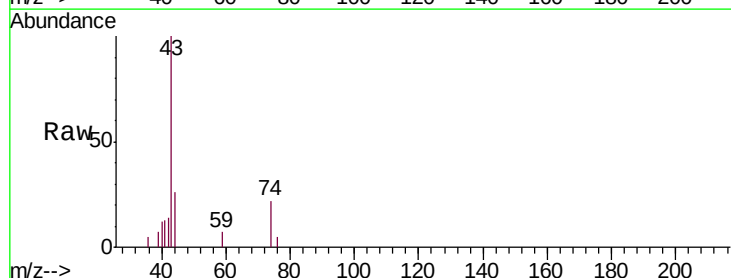
Acq: 27 Aug 2019 14:19

Tgt Ion: 43 Resp: 4555

Ion Ratio Lower Upper

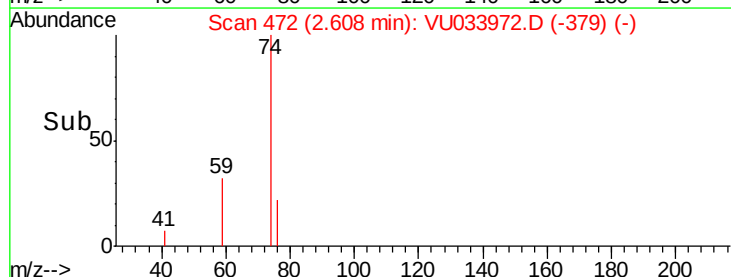
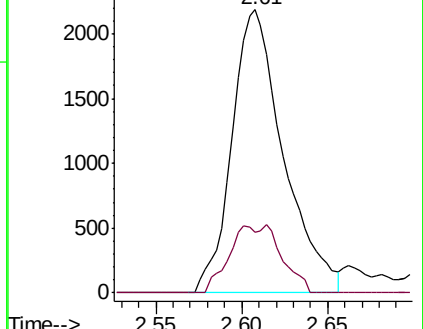
43 100

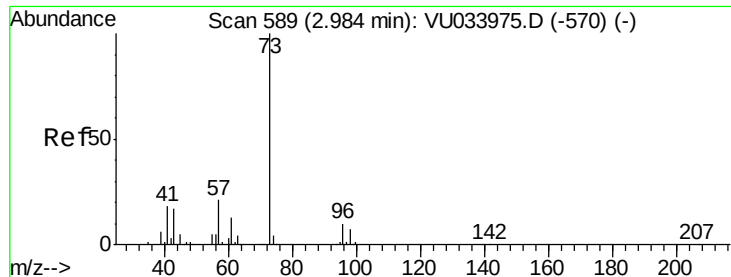
74 12.7 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VU033972.D (-459) (-)

Ion 74.00 (73.70 to 74.70): VU033972.D (-459) (-)





#19

Methyl tert-butyl Ether

Concen: 0.820 ug/l

RT: 2.98 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

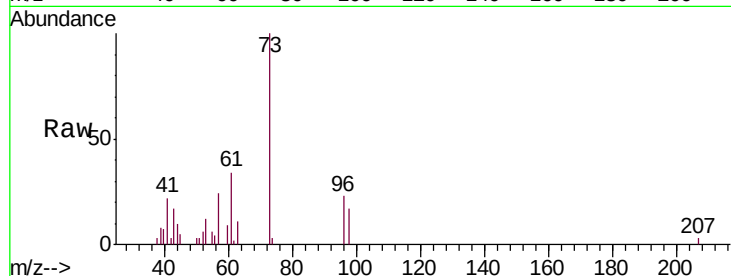
VSTDIC001

Tgt Ion: 73 Resp: 9752

Ion Ratio Lower Upper

73 100

57 23.7 17.5 26.3

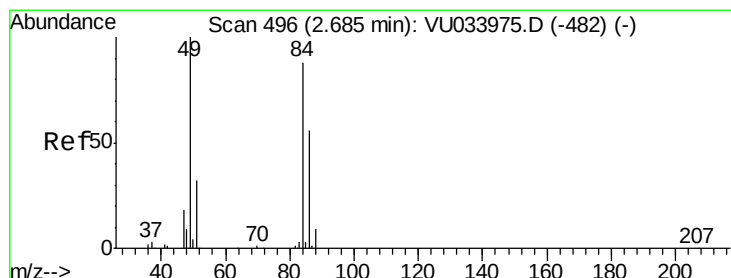
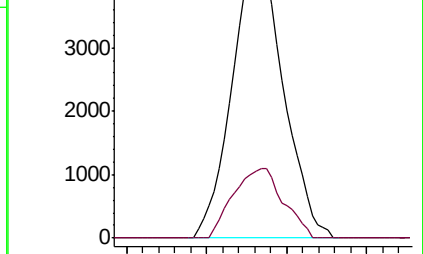
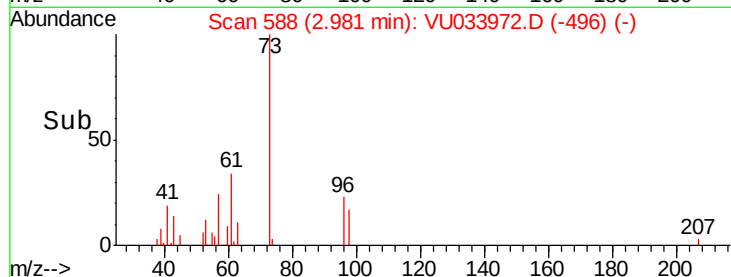


Abundance Ion 73.00 (72.70 to 73.70): VU033975.D (-570) (-)

Ion 57.00 (56.70 to 57.70): VU033975.D (-570) (-)

2.98

Time-->



#20

Methylene Chloride

Concen: 1.003 ug/l

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Tgt Ion: 84 Resp: 4622

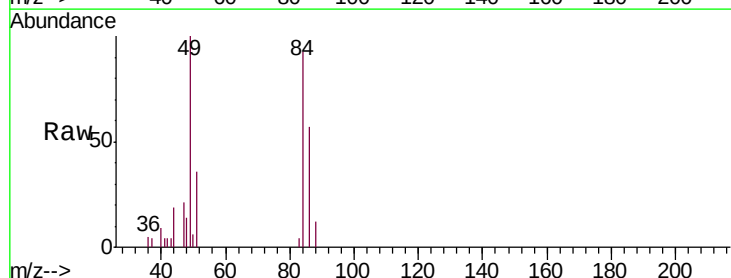
Ion Ratio Lower Upper

84 100

49 108.0 91.3 136.9

51 38.8 28.9 43.3

86 61.5 50.9 76.3



Abundance Ion 83.90 (83.60 to 84.60): VU033975.D (-482) (-)

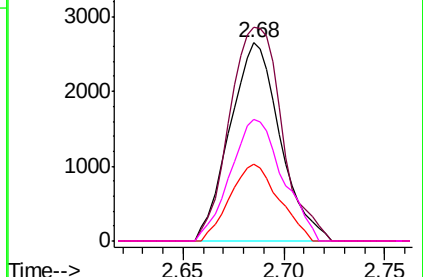
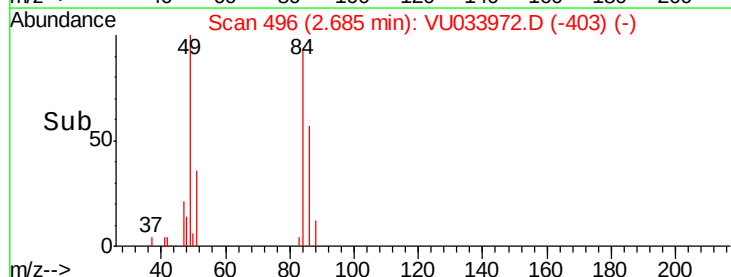
Ion 48.90 (48.60 to 49.60): VU033975.D (-482) (-)

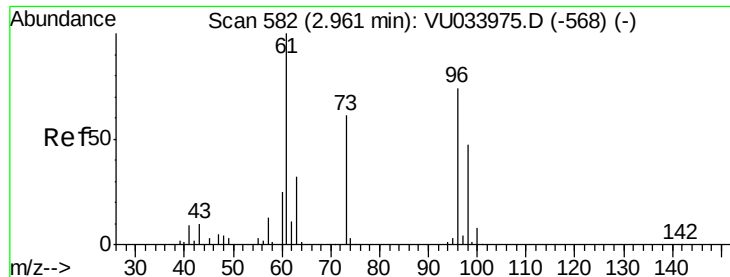
Ion 50.90 (50.60 to 51.60): VU033975.D (-482) (-)

Ion 85.90 (85.60 to 86.60): VU033975.D (-482) (-)

2.68

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.891 ug/l

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

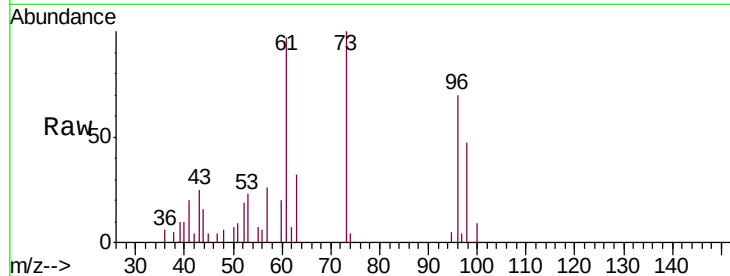
Tgt Ion: 96 Resp: 3659

Ion Ratio Lower Upper

96 100

61 138.7 108.2 162.2

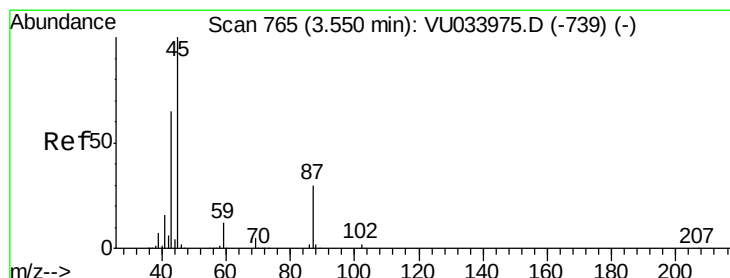
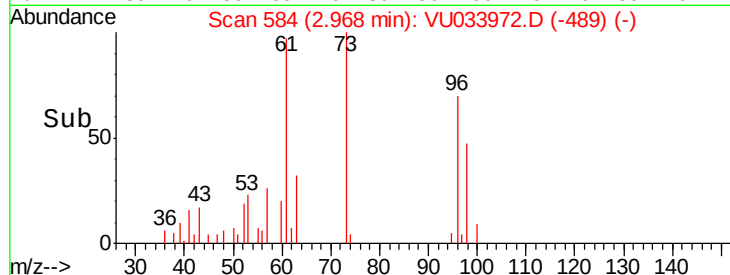
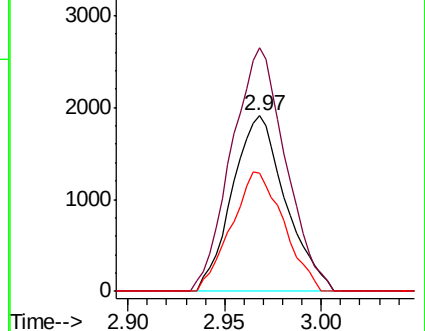
98 67.0 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VU033972.D (-568) (-)

Ion 60.90 (60.60 to 61.60): VU033972.D (-568) (-)

Ion 97.90 (97.60 to 98.60): VU033972.D (-568) (-)



#22

Diisopropyl ether

Concen: 0.744 ug/l

RT: 3.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Tgt Ion: 45 Resp: 9440

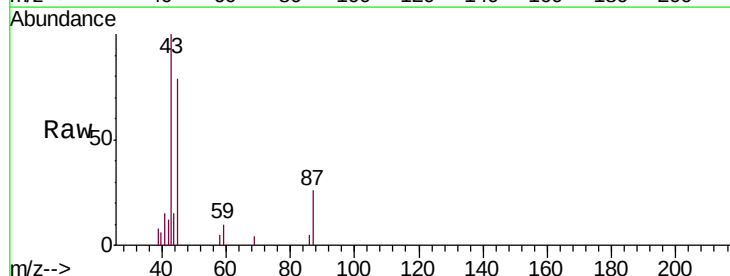
Ion Ratio Lower Upper

45 100

43 113.2 51.6 77.4#

87 32.8 24.4 36.6

59 12.7 9.8 14.6

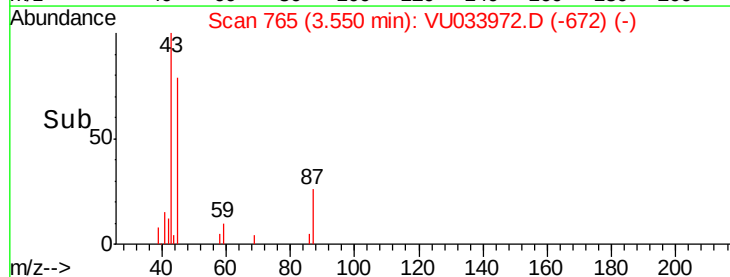
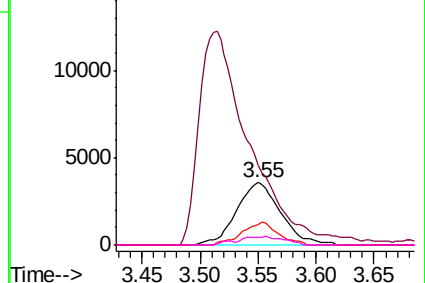


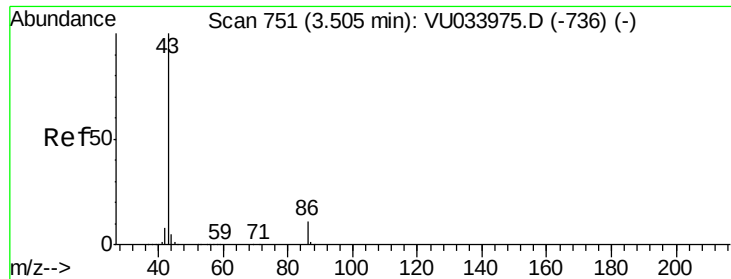
Abundance Ion 45.00 (44.70 to 45.70): VU033972.D (-739) (-)

Ion 43.00 (42.70 to 43.70): VU033972.D (-739) (-)

Ion 87.00 (86.70 to 87.70): VU033972.D (-739) (-)

Ion 59.00 (58.70 to 59.70): VU033972.D (-739) (-)

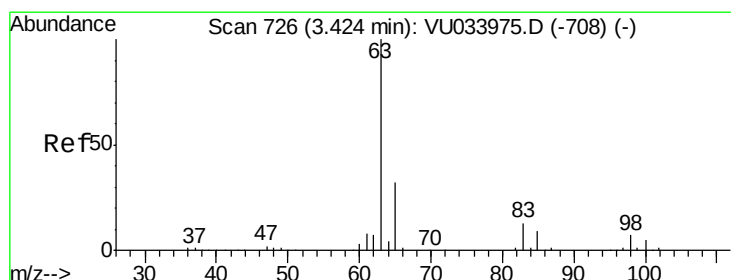
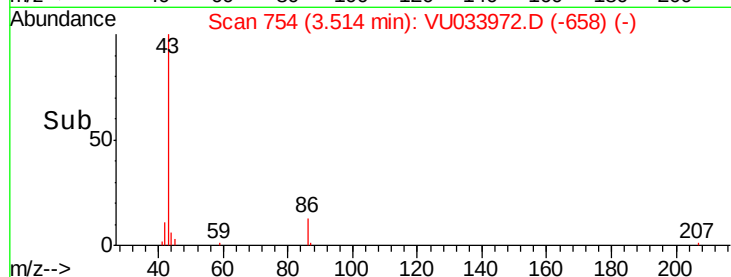
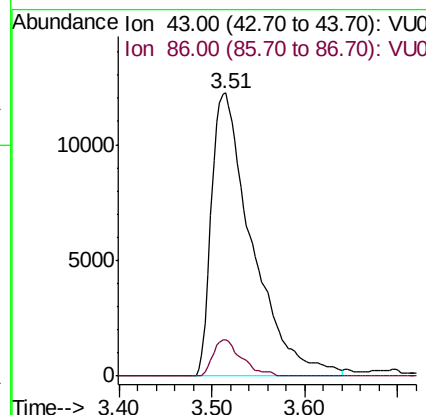
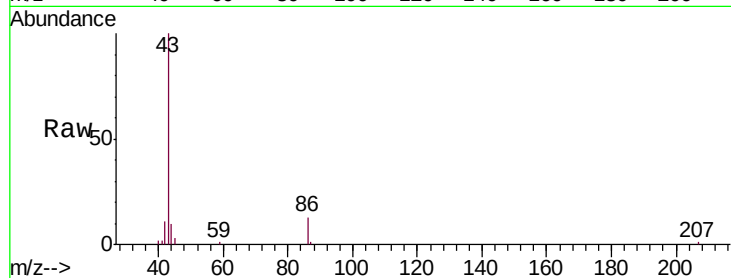




#23
 Vinyl Acetate
 Concen: 3.558 ug/l
 RT: 3.51 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

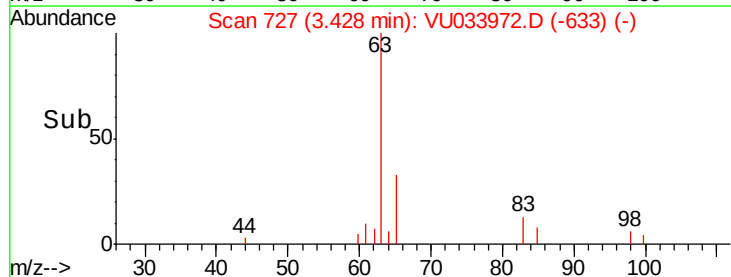
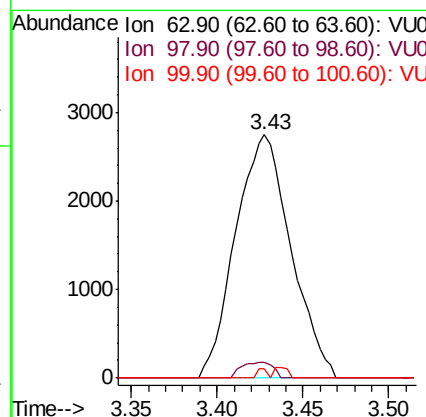
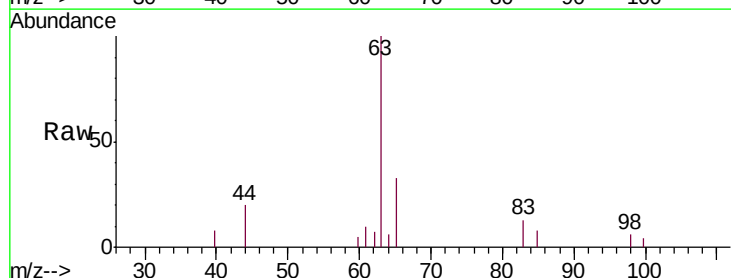
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

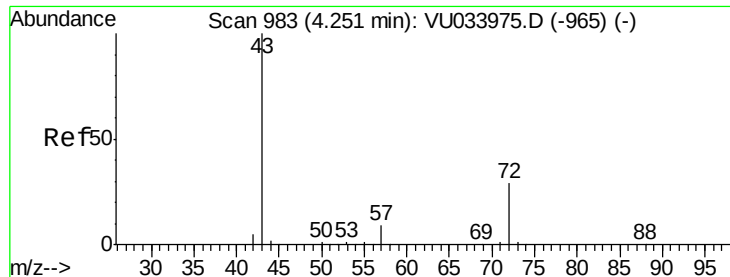
Tgt Ion: 43 Resp: 37208
 Ion Ratio Lower Upper
 43 100
 86 13.0 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 0.780 ug/l
 RT: 3.43 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

Tgt Ion: 63 Resp: 6138
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.4
 100 4.0 2.3 6.8





#25

2-Butanone

Concen: 3.271 ug/l

RT: 4.26 min Scan# 986

Delta R.T. 0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

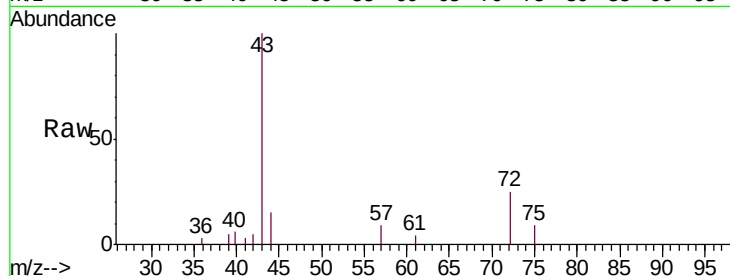
VSTDIC001

Tgt Ion: 43 Resp: 11820

Ion Ratio Lower Upper

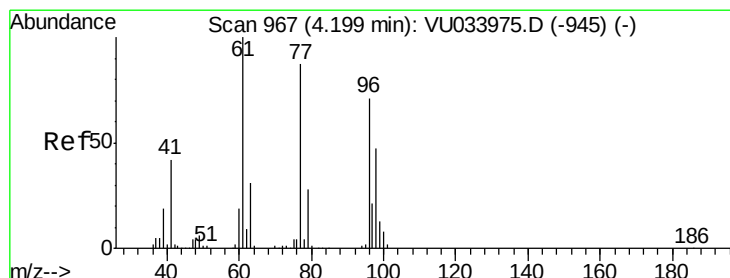
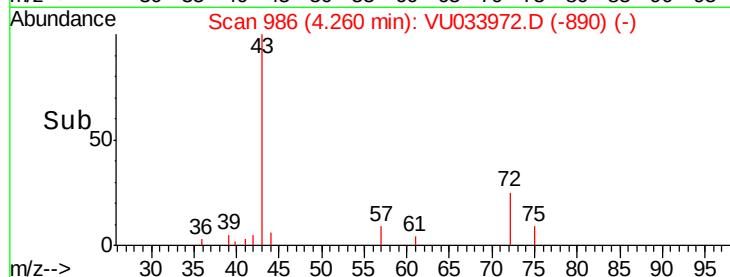
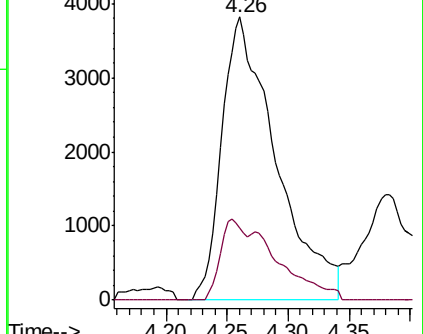
43 100

72 25.4 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VU033972.D (-986) (-)

Ion 72.00 (71.70 to 72.70): VU033972.D (-986) (-)



#26

2,2-Dichloropropane

Concen: 0.883 ug/l

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU033972.D

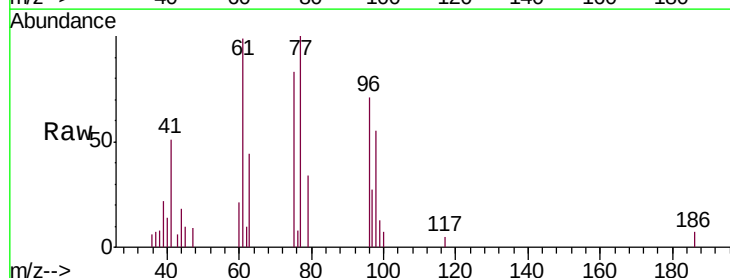
Acq: 27 Aug 2019 14:19

Tgt Ion: 77 Resp: 5658

Ion Ratio Lower Upper

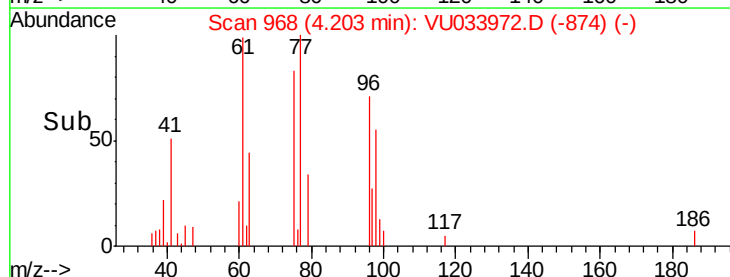
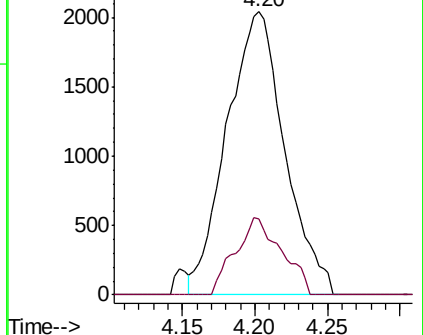
77 100

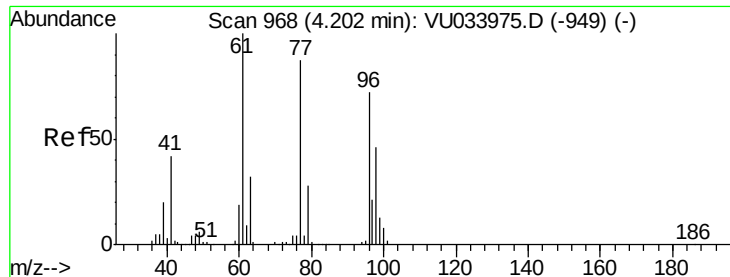
97 21.8 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VU033972.D (-968) (-)

Ion 96.90 (96.60 to 97.60): VU033972.D (-968) (-)



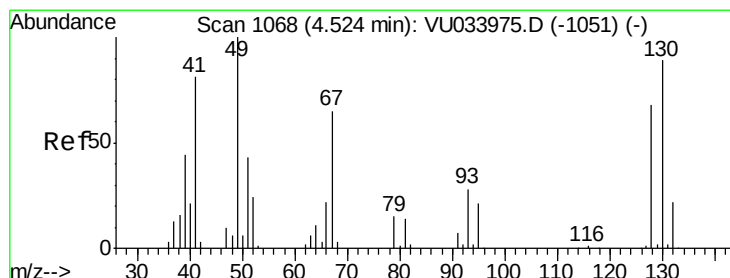
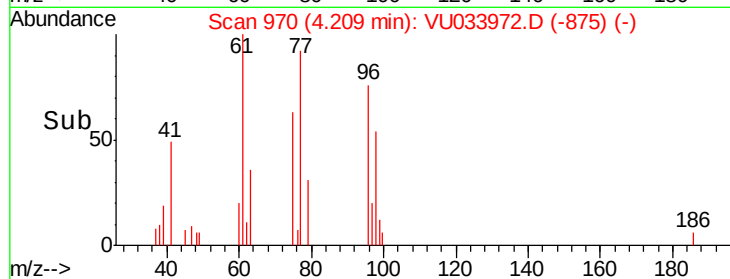
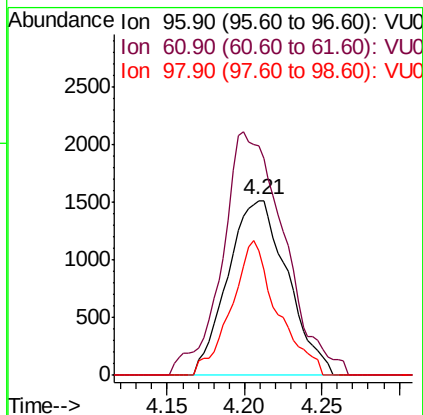
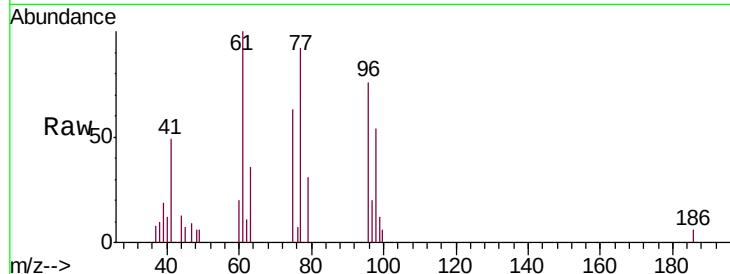


#27

cis-1,2-Dichloroethene
Concen: 0.922 ug/l
RT: 4.21 min Scan# 970
Delta R.T. 0.01 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

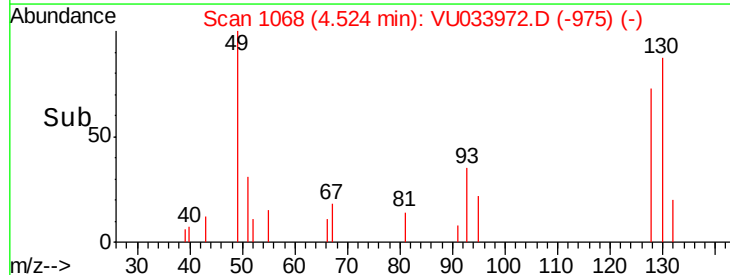
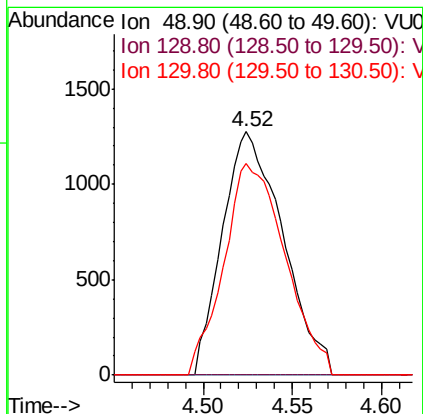
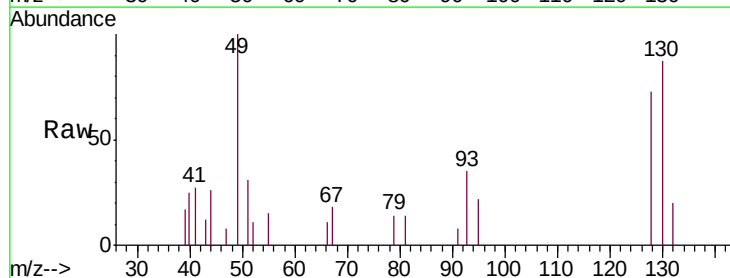
Tgt Ion: 96 Resp: 4075
Ion Ratio Lower Upper
96 100
61 143.9 0.0 287.2
98 59.6 0.0 131.8

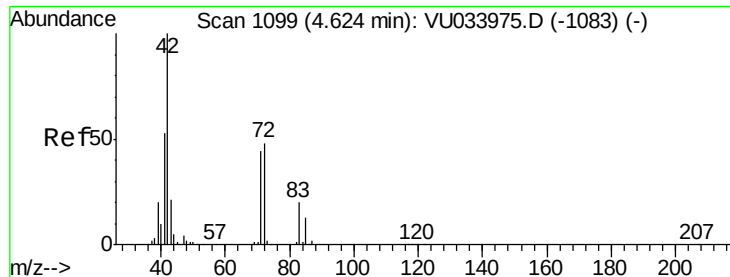


#28

Bromochloromethane
Concen: 0.779 ug/l
RT: 4.52 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Tgt Ion: 49 Resp: 3002
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 88.3 71.0 106.6





#29

Tetrahydrofuran

Concen: 3.509 ug/l

RT: 4.63 min Scan# 1101

Delta R.T. 0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

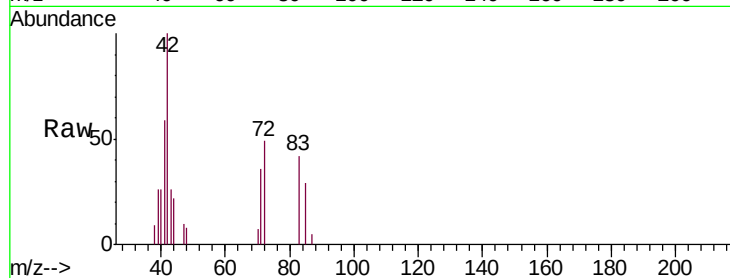
Tgt Ion: 42 Resp: 7642

Ion Ratio Lower Upper

42 100

72 41.6 38.9 58.3

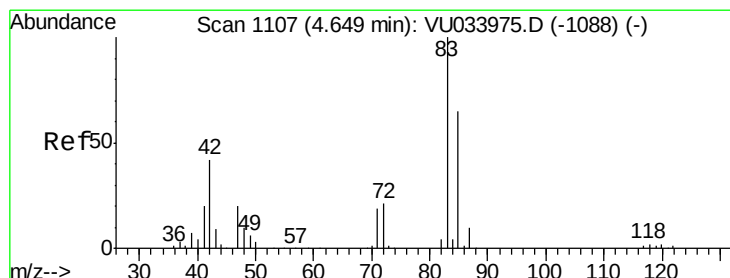
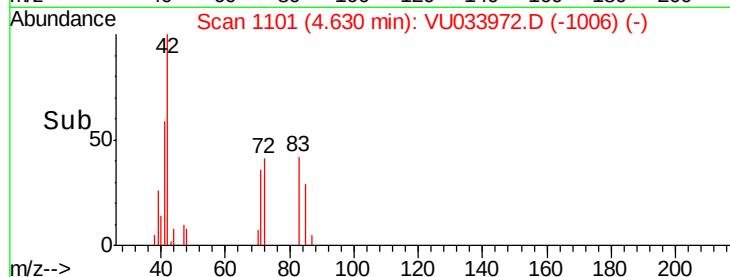
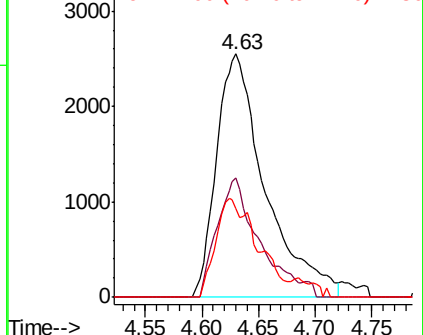
71 34.9 35.7 53.5#



Abundance Ion 42.00 (41.70 to 42.70): VU033972.D (-1083) (-)

Ion 72.00 (71.70 to 72.70): VU033972.D (-1083) (-)

Ion 71.00 (70.70 to 71.70): VU033972.D (-1083) (-)



#30

Chloroform

Concen: 0.921 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033972.D

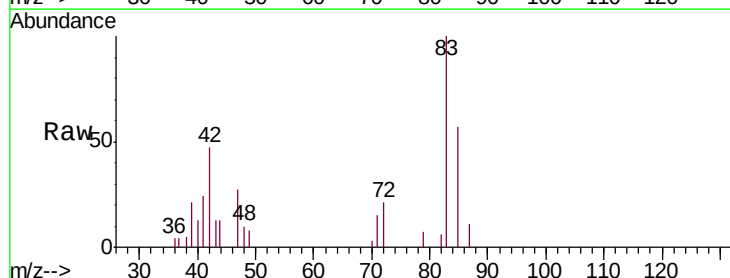
Acq: 27 Aug 2019 14:19

Tgt Ion: 83 Resp: 7238

Ion Ratio Lower Upper

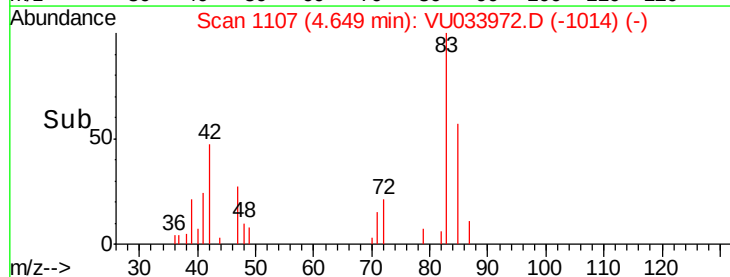
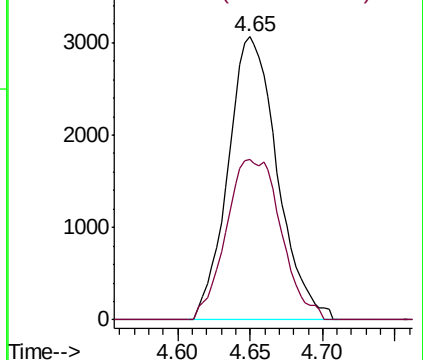
83 100

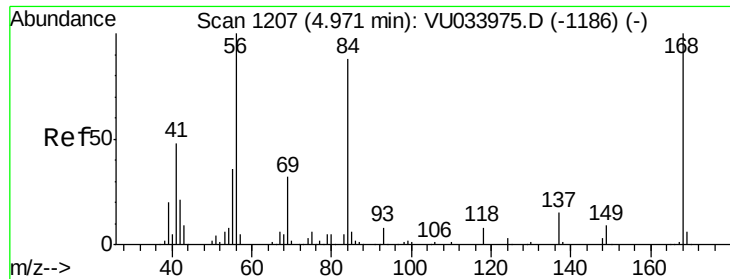
85 56.8 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VU033972.D (-1088) (-)

Ion 84.90 (84.60 to 85.60): VU033972.D (-1088) (-)

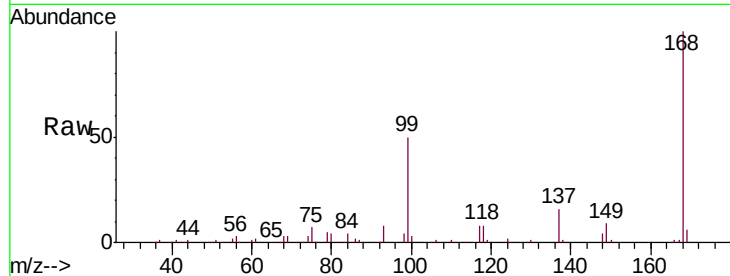




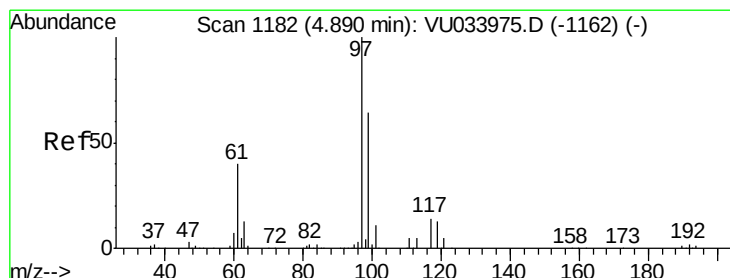
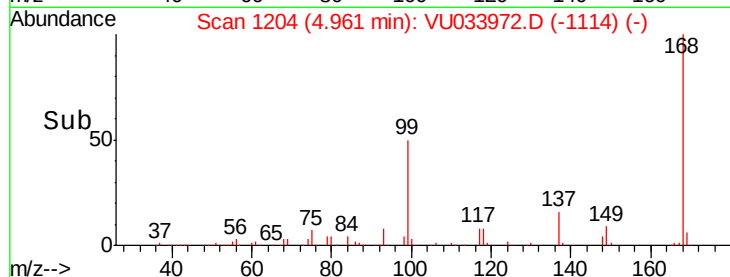
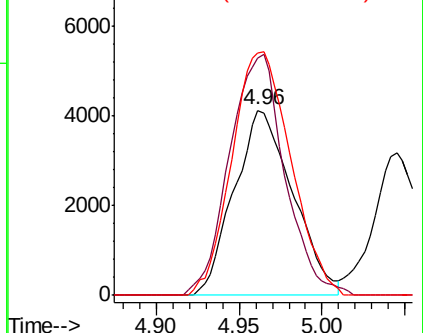
#31
Cyclohexane
Concen: 1.479 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 56 Resp: 10182
Ion Ratio Lower Upper
56 100
69 124.9 25.9 38.9#
84 131.3 70.4 105.6#

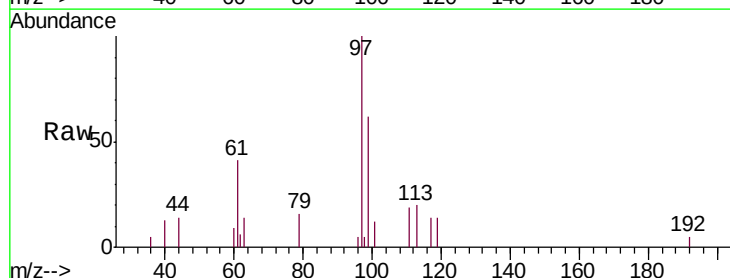


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

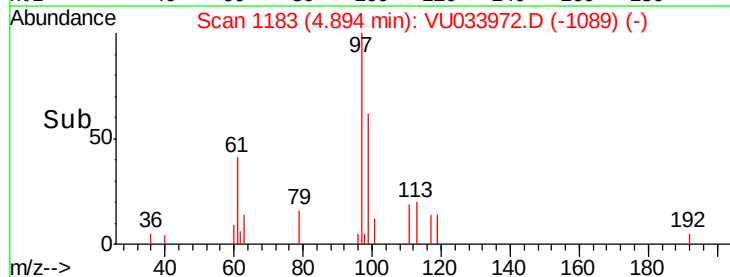
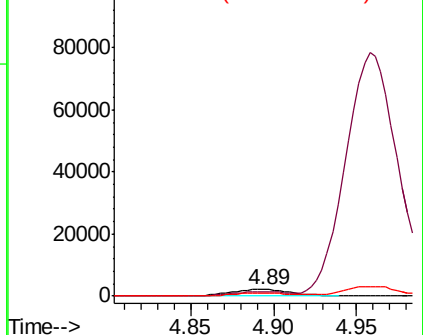


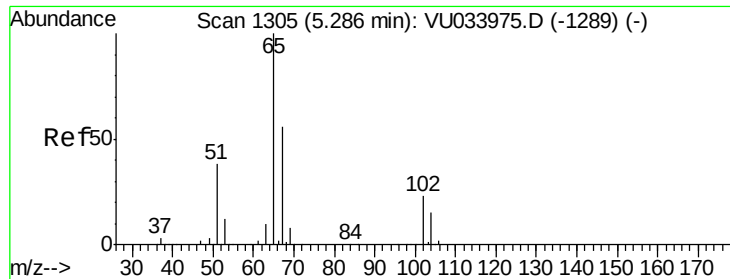
#32
1,1,1-Trichloroethane
Concen: 0.824 ug/l
RT: 4.89 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Tgt Ion: 97 Resp: 5318
Ion Ratio Lower Upper
97 100
99 0.0 51.6 77.4#
61 41.3 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

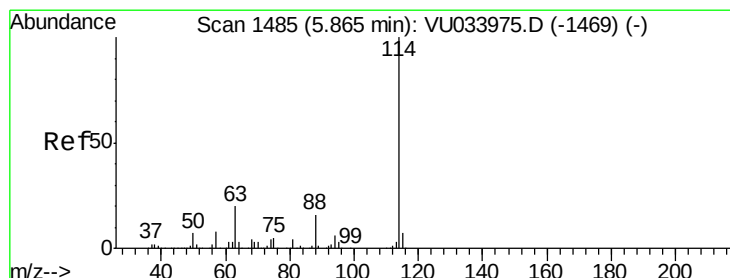
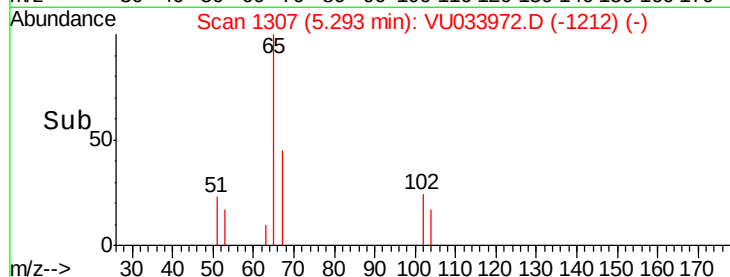
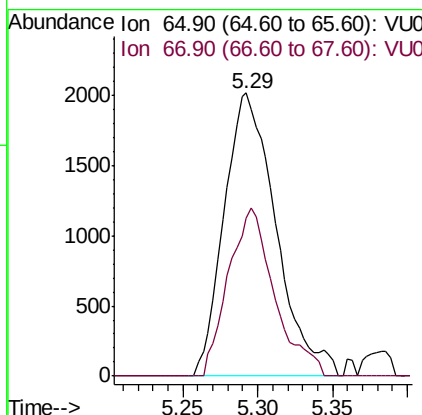
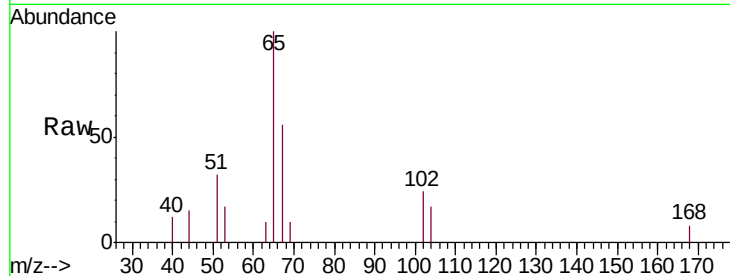




#33
 1,2-Dichloroethane-d4
 Concen: 1.007 ug/l
 RT: 5.29 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

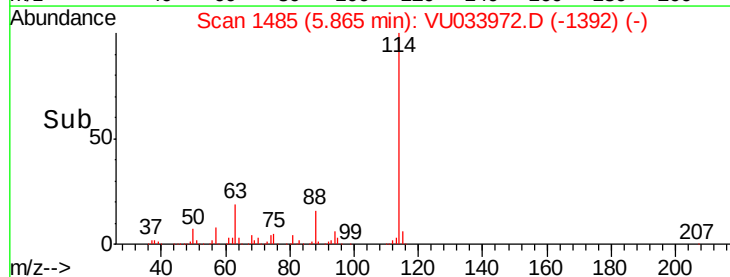
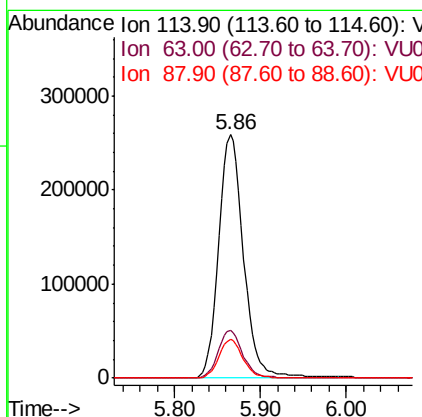
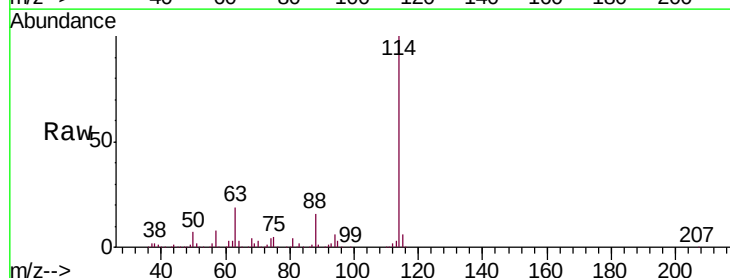
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

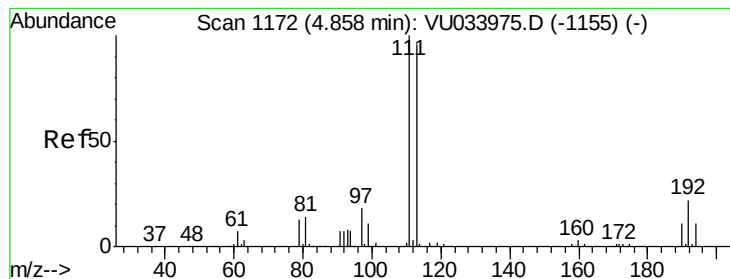
Tgt Ion: 65 Resp: 4863
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

Tgt Ion: 114 Resp: 522736
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 1.245 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

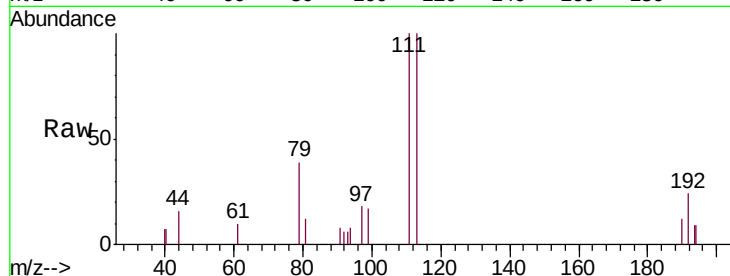
Tgt Ion:113 Resp: 4582

Ion Ratio Lower Upper

113 100

111 104.1 81.7 122.5

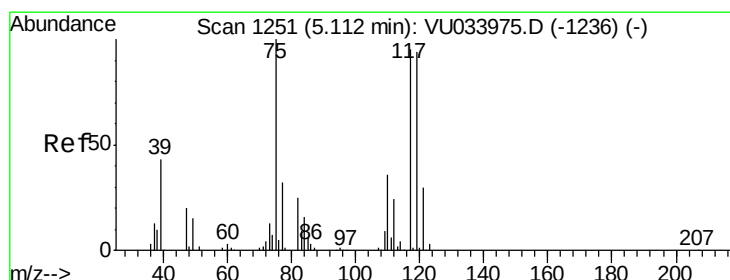
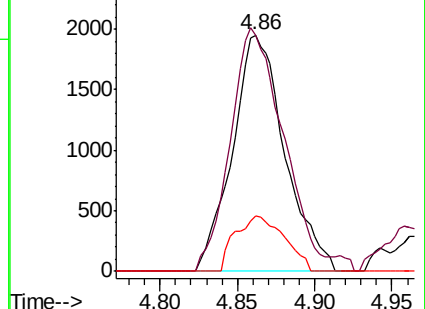
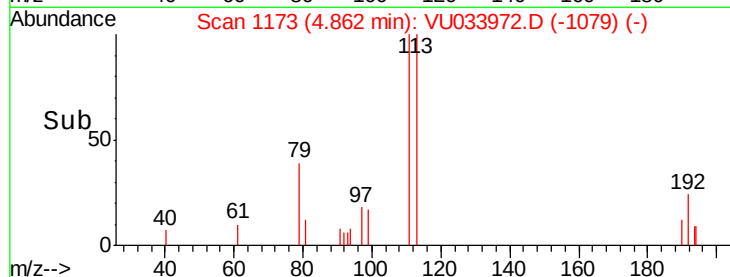
192 21.7 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.062 ug/l

RT: 5.12 min Scan# 1253

Delta R.T. 0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

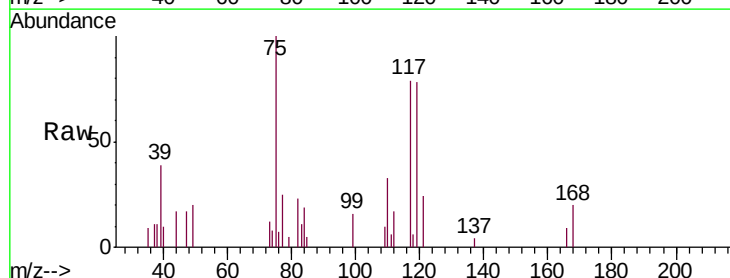
Tgt Ion: 75 Resp: 5606

Ion Ratio Lower Upper

75 100

110 28.0 18.2 54.6

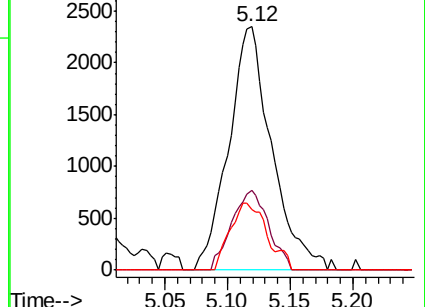
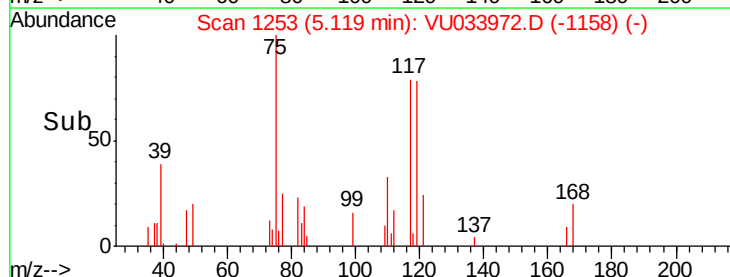
77 23.5 24.8 37.2#

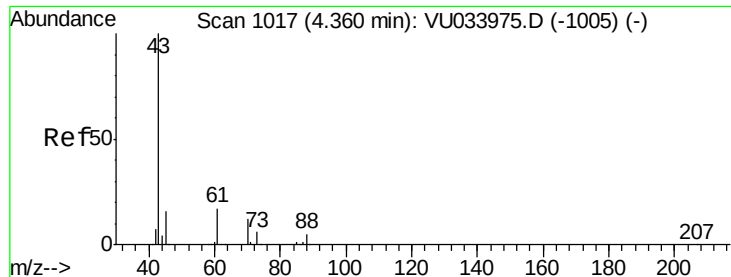


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

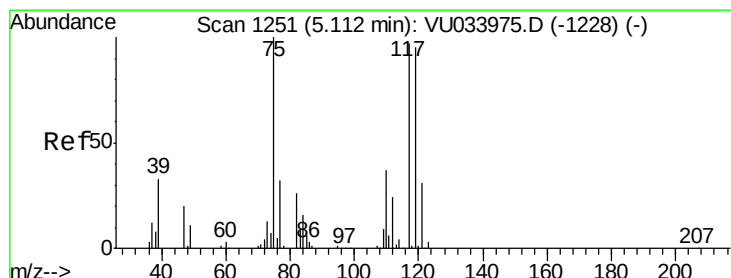
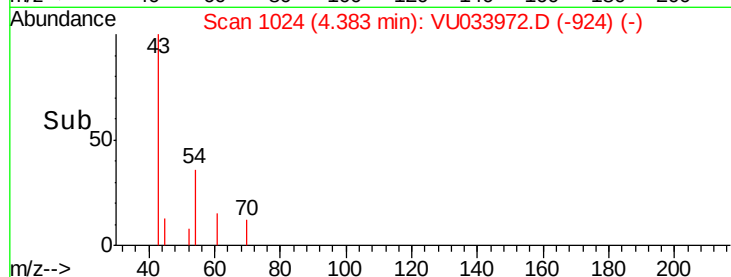
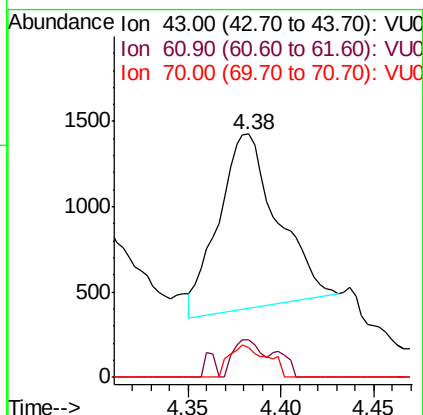
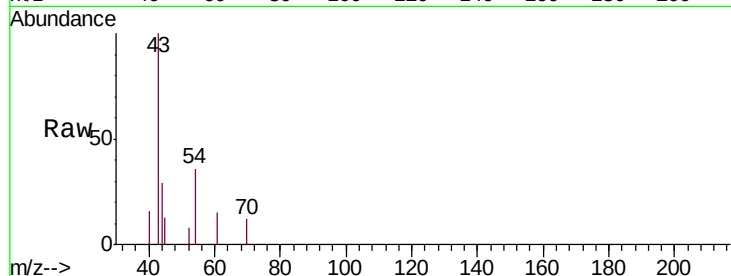




#37
Ethyl Acetate
Concen: 0.371 ug/l
RT: 4.38 min Scan# 1024
Delta R.T. 0.02 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

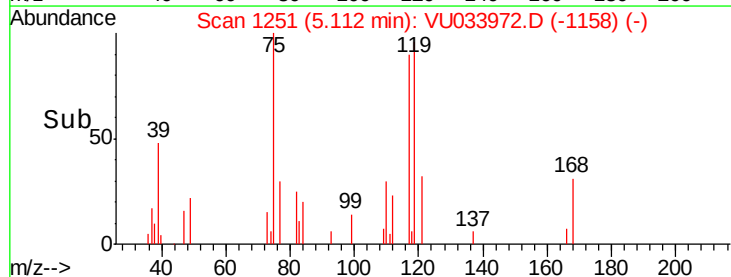
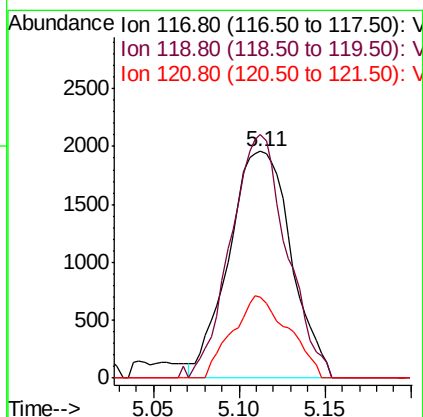
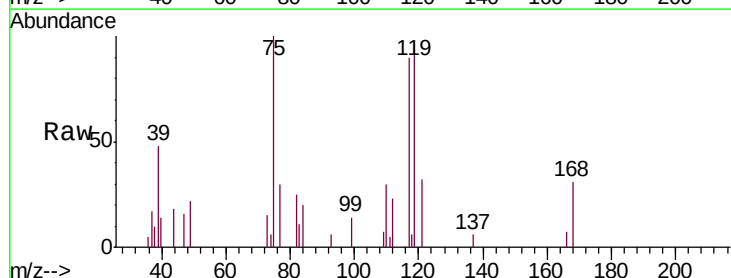
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

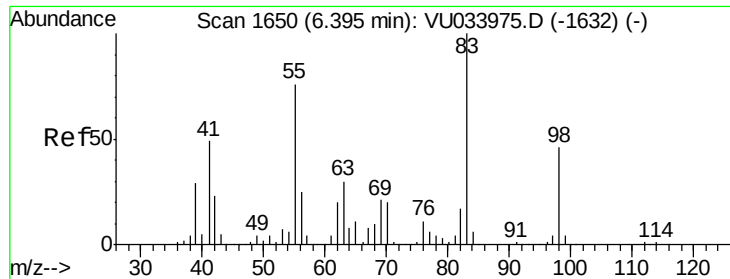
Tgt Ion: 43 Resp: 2273
Ion Ratio Lower Upper
43 100
61 10.3 12.0 18.0#
70 11.7 9.2 13.8



#38
Carbon Tetrachloride
Concen: 0.929 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Tgt Ion: 117 Resp: 4937
Ion Ratio Lower Upper
117 100
119 107.6 78.4 117.6
121 35.9 25.4 38.2

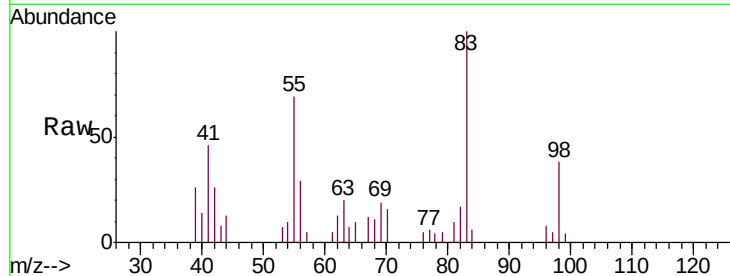




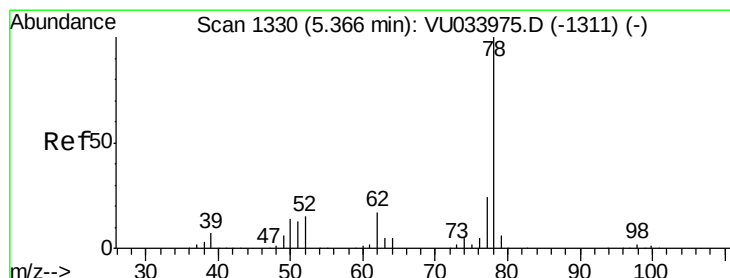
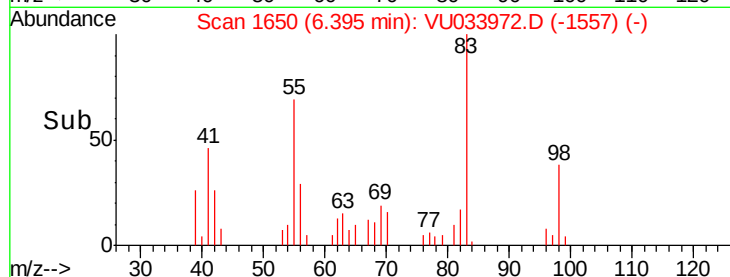
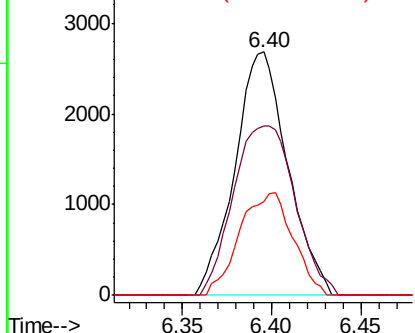
#39
Methylcyclohexane
Concen: 0.943 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 5544
Ion Ratio Lower Upper
83 100
55 69.4 60.8 91.2
98 38.3 36.5 54.7

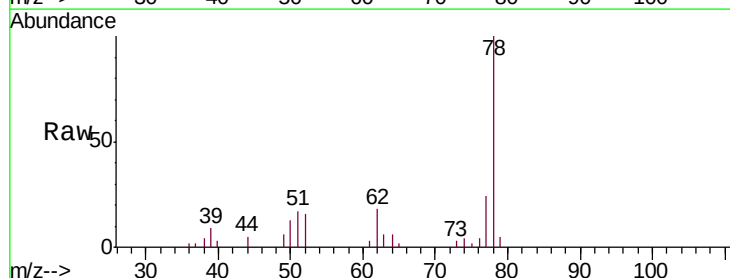


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

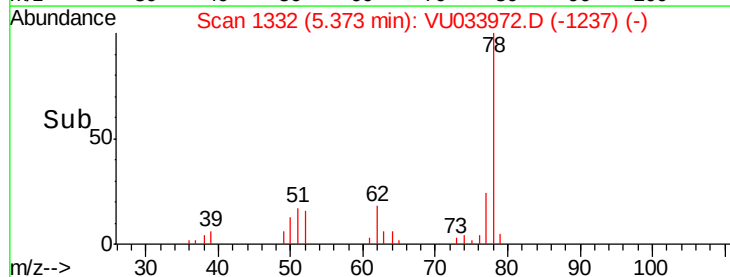
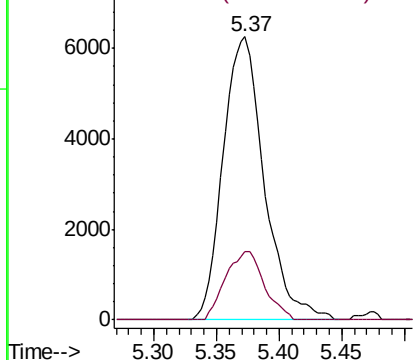


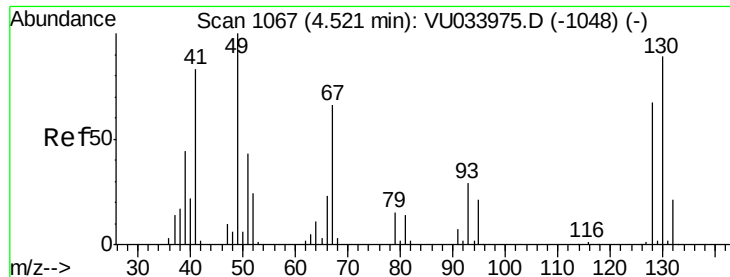
#40
Benzene
Concen: 0.906 ug/l
RT: 5.37 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Tgt Ion: 78 Resp: 14218
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8



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





#41

Methacrylonitrile

Concen: 0.480 ug/l

RT: 4.55 min Scan# 1075

Delta R.T. 0.03 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 1478

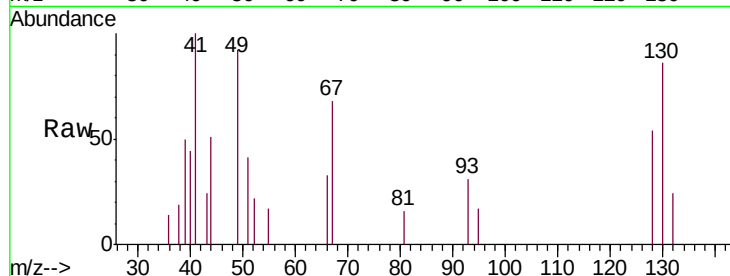
Ion Ratio Lower Upper

41 100

39 77.9 41.5 62.3#

67 94.6 65.0 97.6

52 17.6 23.3 34.9#

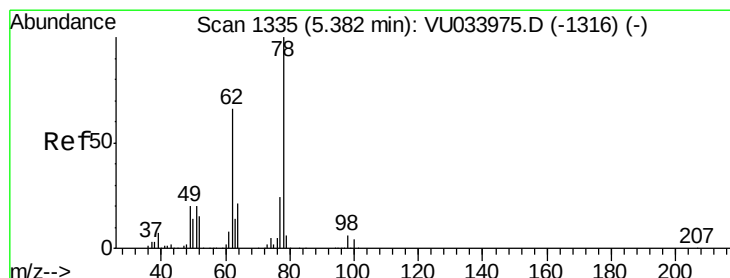
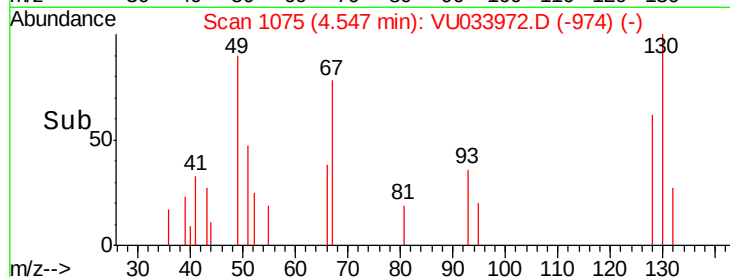
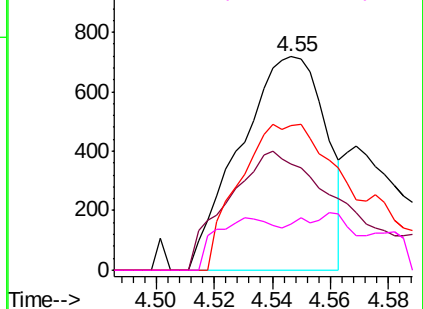


Abundance Ion 41.00 (40.70 to 41.70): VU033972.D (-1048) (-)

Ion 39.00 (38.70 to 39.70): VU033972.D (-1048) (-)

Ion 67.00 (66.70 to 67.70): VU033972.D (-1048) (-)

Ion 52.00 (51.70 to 52.70): VU033972.D (-1048) (-)



#42

1,2-Dichloroethane

Concen: 0.850 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU033972.D

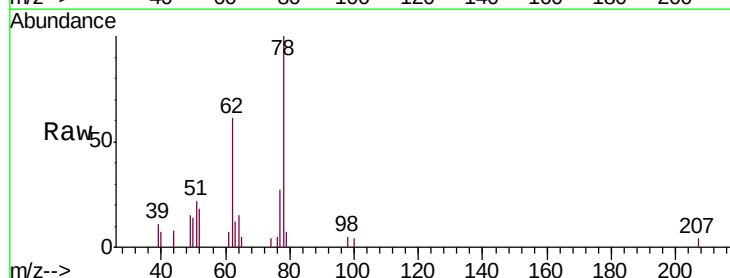
Acq: 27 Aug 2019 14:19

Tgt Ion: 62 Resp: 4880

Ion Ratio Lower Upper

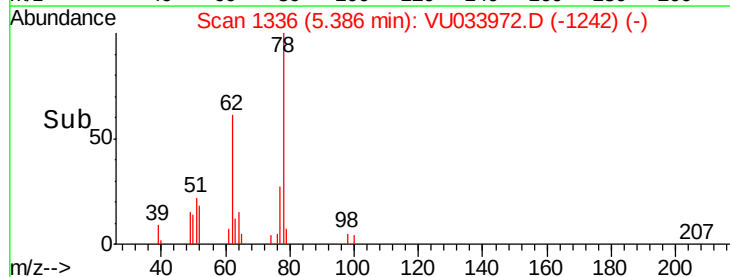
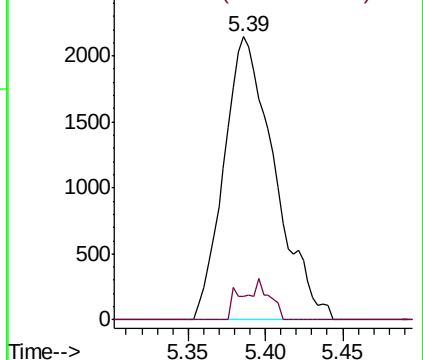
62 100

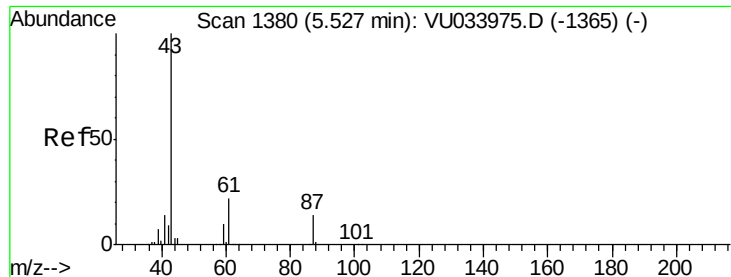
98 2.4 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VU033972.D (-1242) (-)

Ion 97.90 (97.60 to 98.60): VU033972.D (-1242) (-)





#43

Isopropyl Acetate

Concen: 0.722 ug/l

RT: 5.53 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

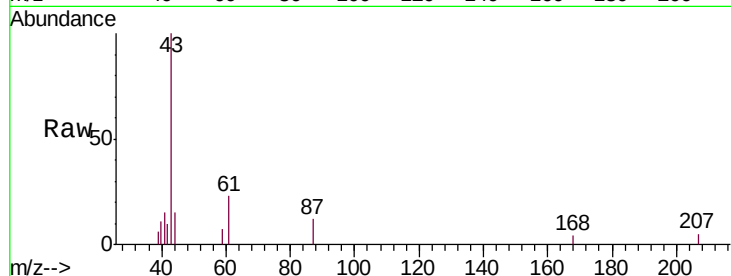
Tgt Ion: 43 Resp: 6471

Ion Ratio Lower Upper

43 100

61 20.1 17.8 26.8

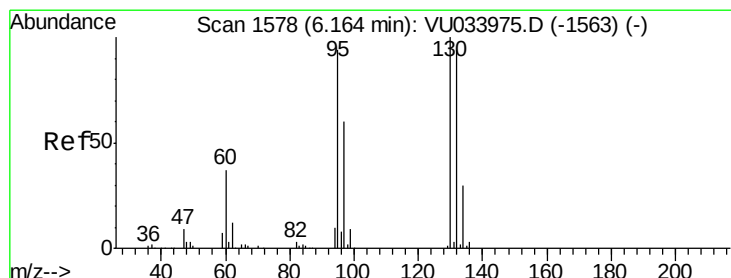
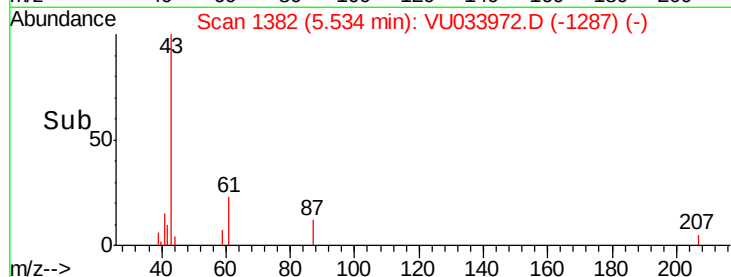
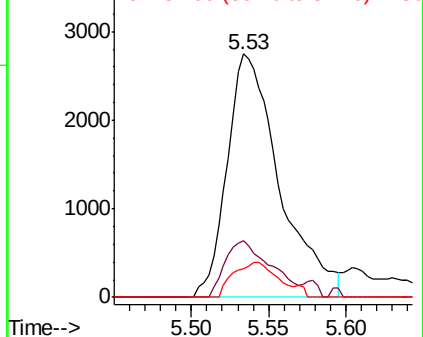
87 12.7 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VU033972.D (-1382) (-)

Ion 61.00 (60.70 to 61.70): VU033972.D (-1382) (-)

Ion 87.00 (86.70 to 87.70): VU033972.D (-1382) (-)



#44

Trichloroethene

Concen: 0.996 ug/l

RT: 6.17 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VU033972.D

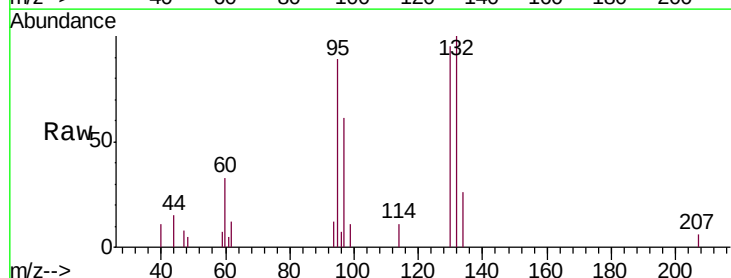
Acq: 27 Aug 2019 14:19

Tgt Ion: 130 Resp: 4129

Ion Ratio Lower Upper

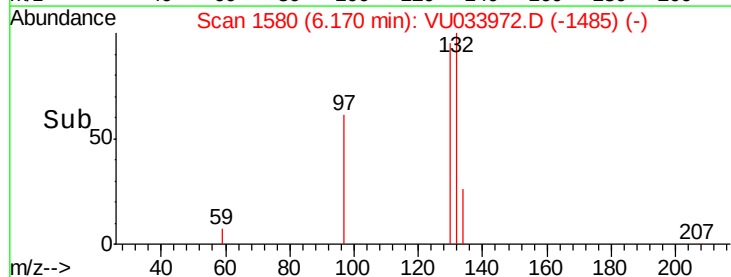
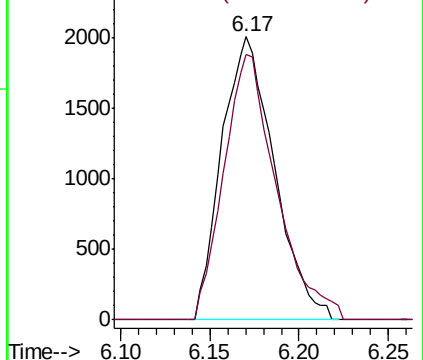
130 100

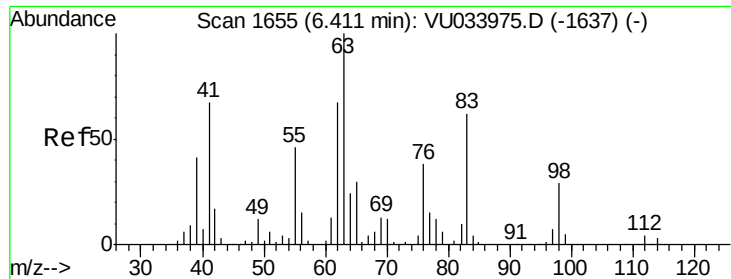
95 94.0 0.0 187.6



Abundance Ion 129.80 (129.50 to 130.50): VU033972.D (-1580) (-)

Ion 94.90 (94.60 to 95.60): VU033972.D (-1580) (-)

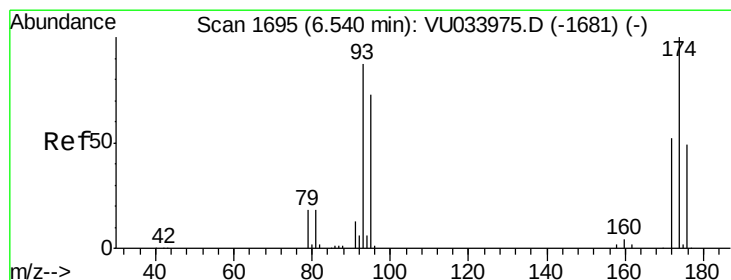
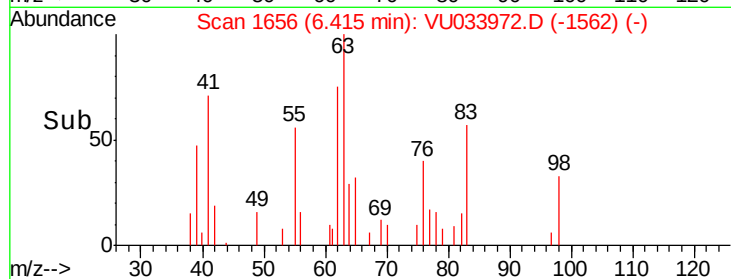
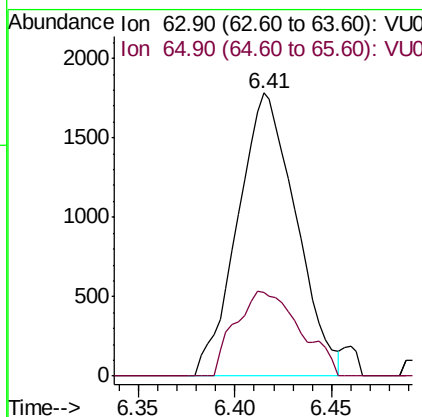
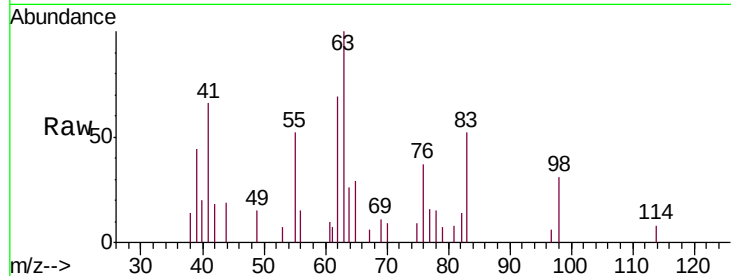




#45
 1,2-Dichloropropane
 Concen: 0.862 ug/l
 RT: 6.41 min Scan# 1656
 Delta R.T. 0.00 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

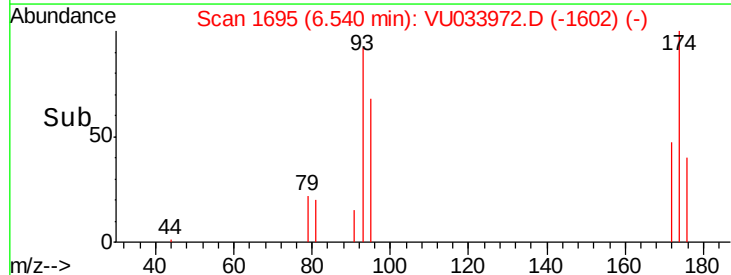
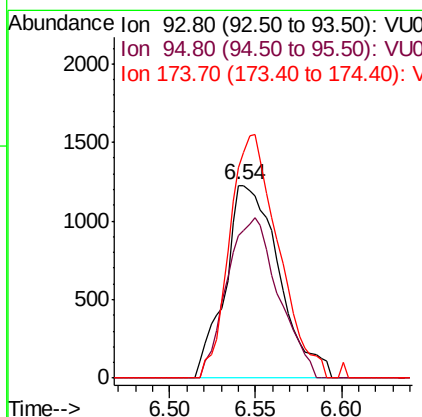
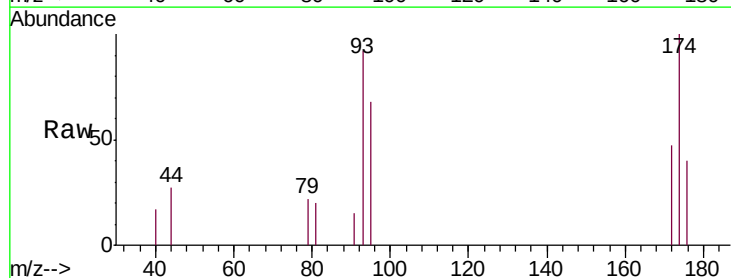
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

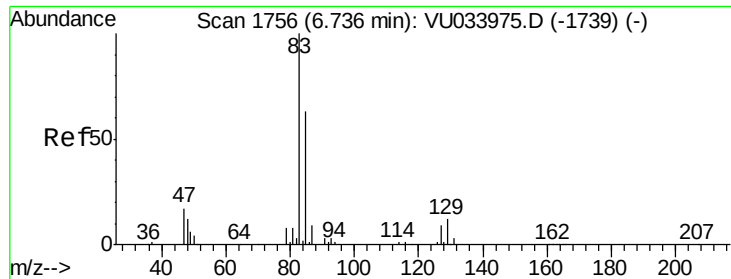
Tgt Ion: 63 Resp: 3732
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.3 36.5



#46
 Dibromomethane
 Concen: 0.958 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

Tgt Ion: 93 Resp: 2690
 Ion Ratio Lower Upper
 93 100
 95 79.0 66.2 99.4
 174 113.7 92.2 138.2





#47

Bromodichloromethane

Concen: 0.827 ug/l

RT: 6.74 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

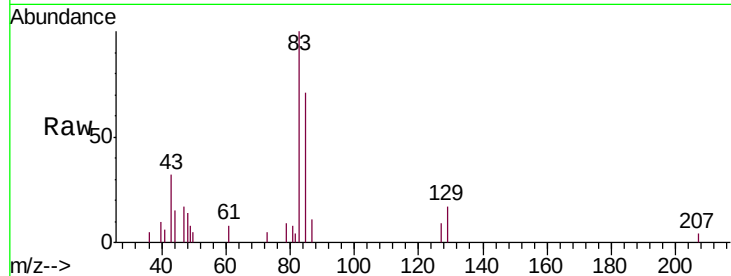
Tgt Ion: 83 Resp: 4659

Ion Ratio Lower Upper

83 100

85 70.7 50.6 76.0

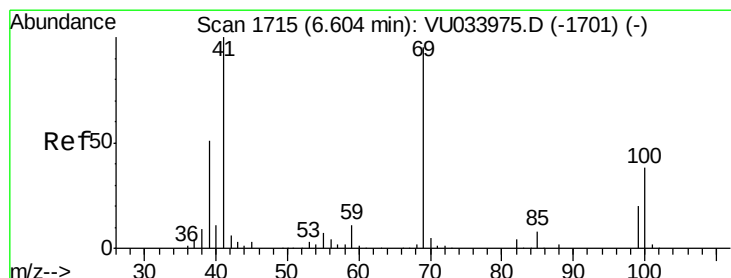
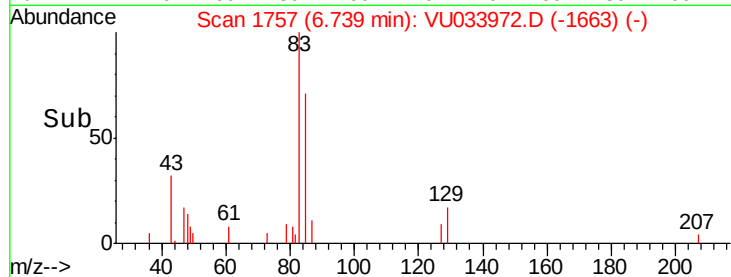
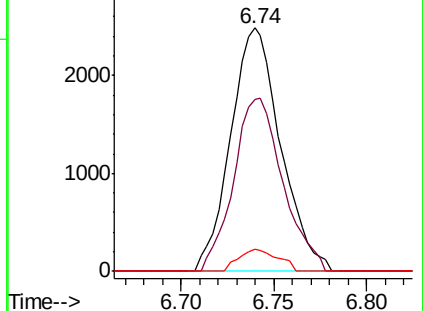
127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VU033972.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU033972.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU033972.D (-1663) (-)



#48

Methyl methacrylate

Concen: 0.736 ug/l

RT: 6.62 min Scan# 1719

Delta R.T. 0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

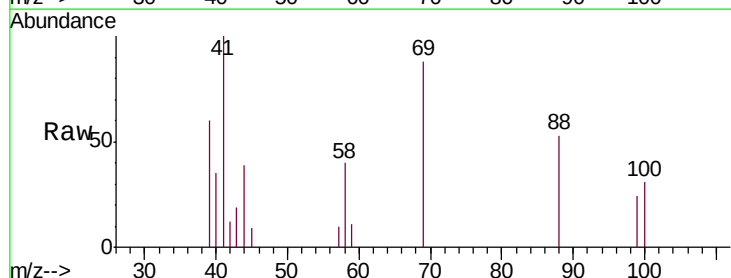
Tgt Ion: 41 Resp: 2967

Ion Ratio Lower Upper

41 100

69 88.1 76.3 114.5

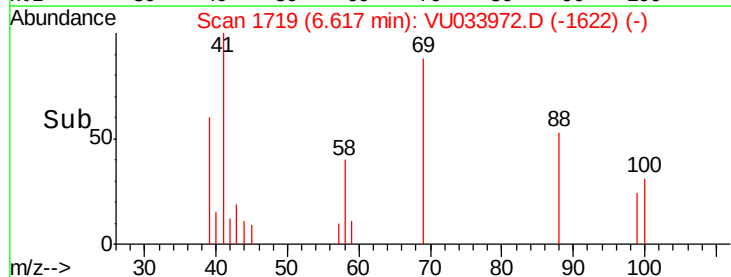
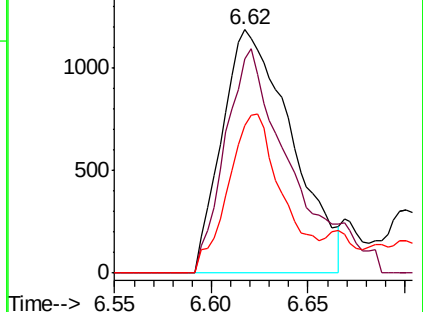
39 51.2 41.1 61.7

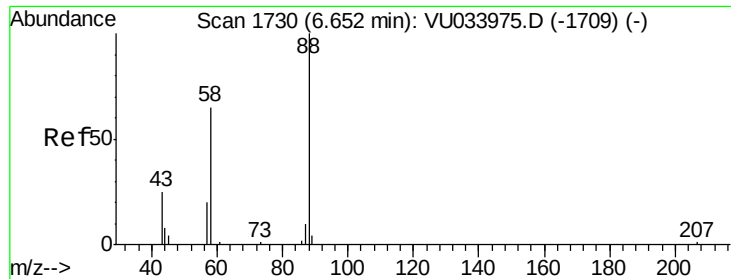


Abundance Ion 41.00 (40.70 to 41.70): VU033972.D (-1622) (-)

Ion 69.00 (68.70 to 69.70): VU033972.D (-1622) (-)

Ion 39.00 (38.70 to 39.70): VU033972.D (-1622) (-)

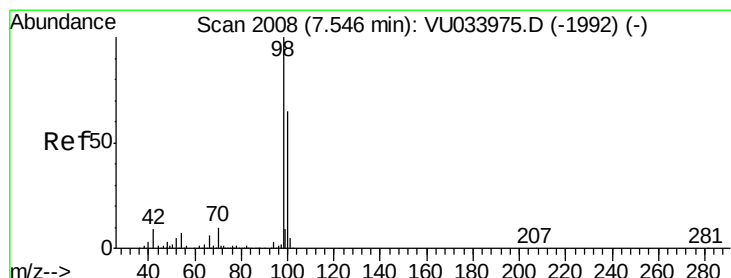
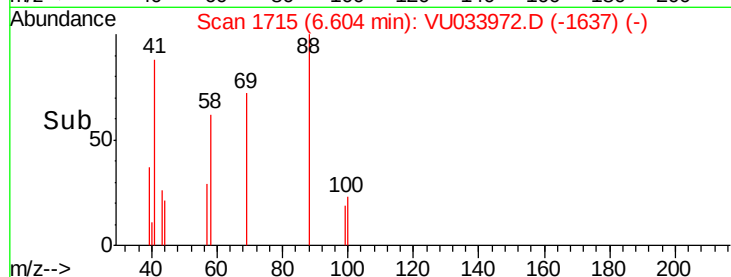
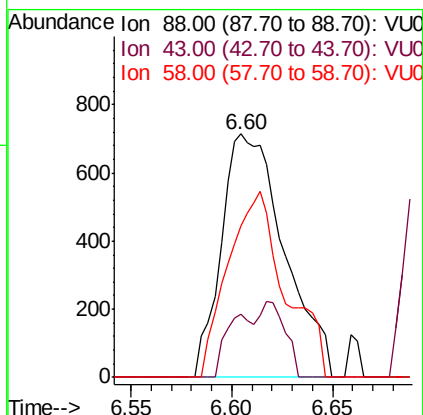
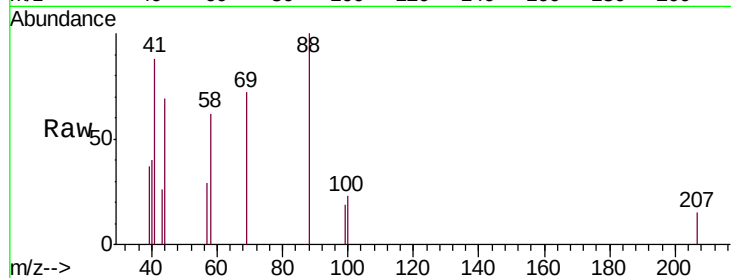




#49
1,4-Dioxane
Concen: 16.301 ug/l
RT: 6.60 min Scan# 1715
Delta R.T. -0.05 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

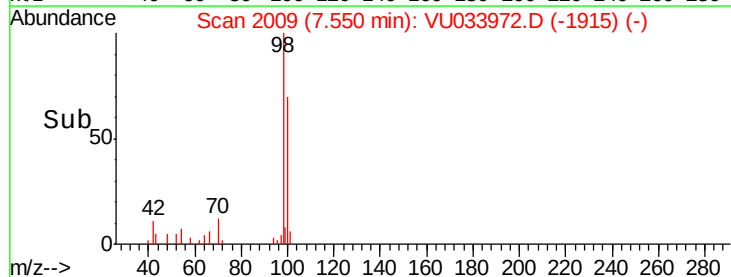
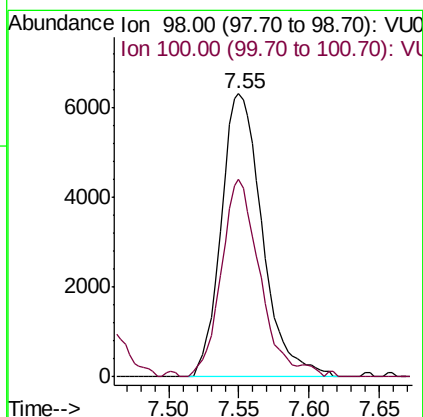
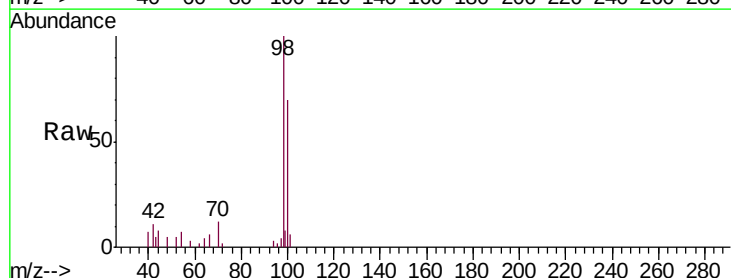
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

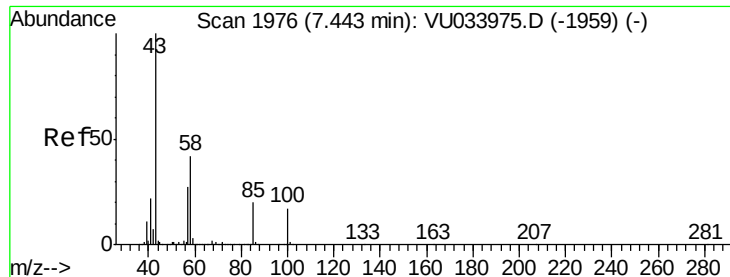
Tgt Ion: 88 Resp: 1551
Ion Ratio Lower Upper
88 100
43 11.7 0.0 0.0#
58 0.0 56.6 85.0#



#50
Toluene-d8
Concen: 0.945 ug/l
RT: 7.55 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Tgt Ion: 98 Resp: 12837
Ion Ratio Lower Upper
98 100
100 66.0 51.5 77.3

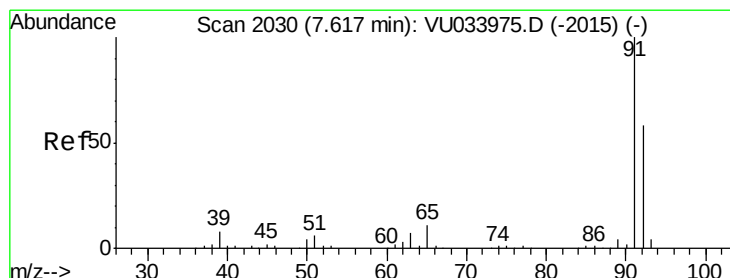
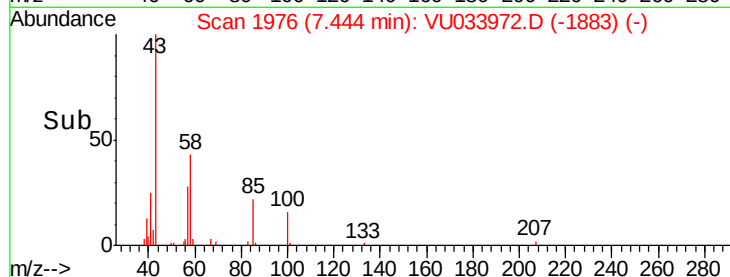
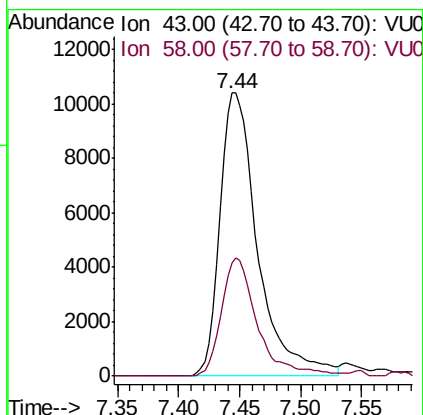
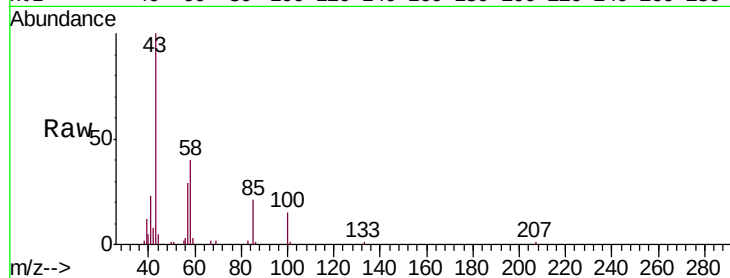




#51
 4-Methyl-2-Pentanone
 Concen: 3.734 ug/l
 RT: 7.44 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

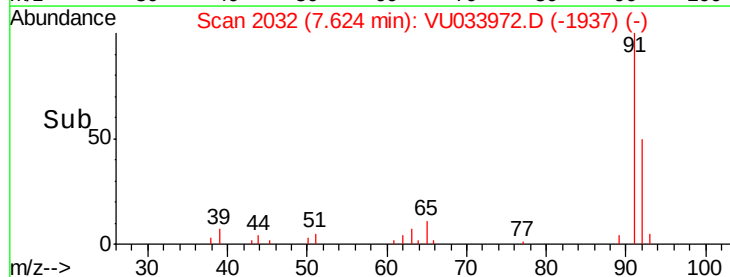
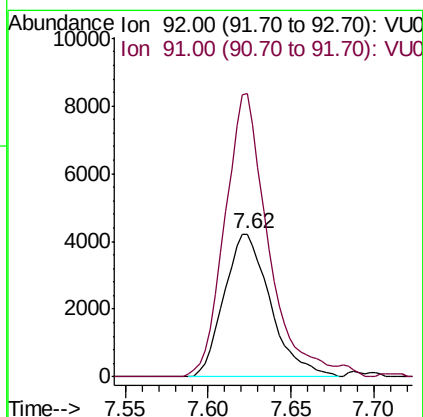
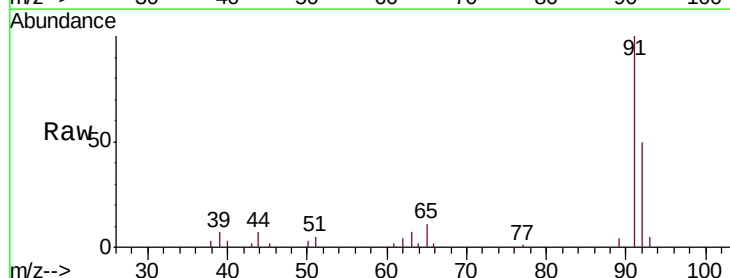
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

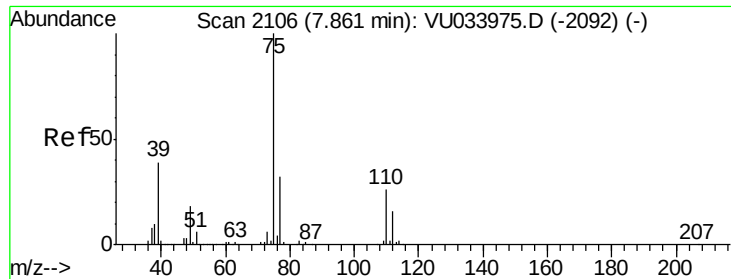
Tgt Ion: 43 Resp: 22679
 Ion Ratio Lower Upper
 43 100
 58 38.1 33.6 50.4



#52
 Toluene
 Concen: 0.898 ug/l
 RT: 7.62 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

Tgt Ion: 92 Resp: 8232
 Ion Ratio Lower Upper
 92 100
 91 184.2 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 0.882 ug/l

RT: 7.87 min Scan# 2110

Delta R.T. 0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

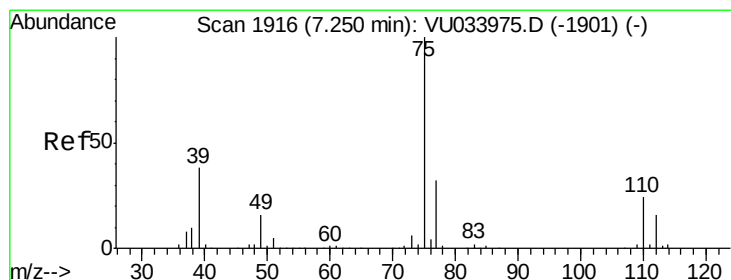
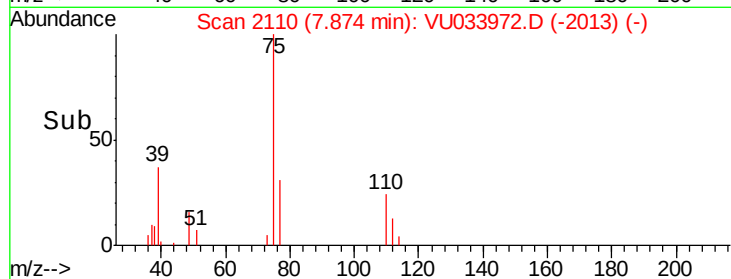
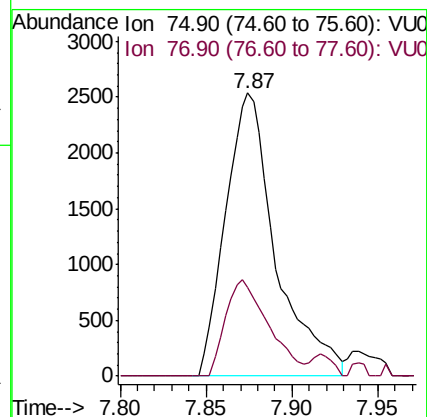
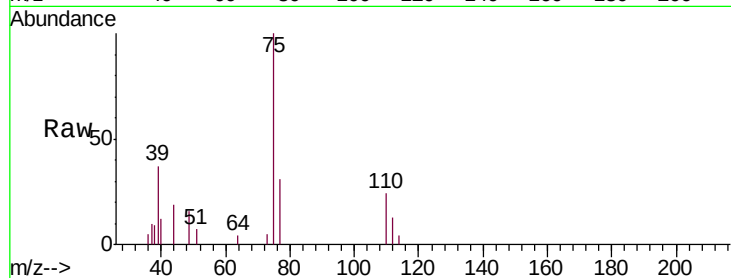
VSTDIC001

Tgt Ion: 75 Resp: 5147

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 0.817 ug/l

RT: 7.26 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

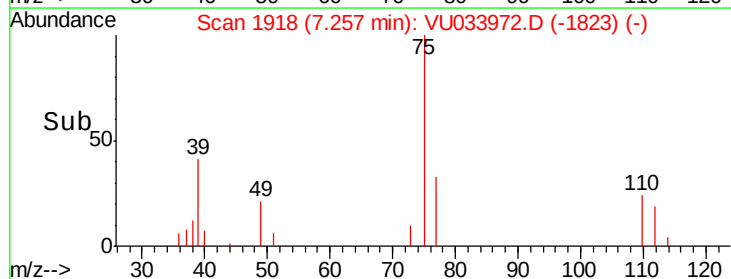
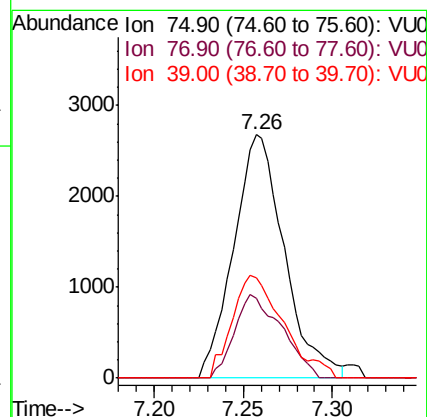
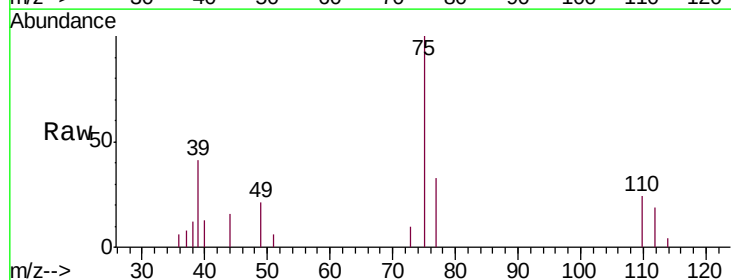
Tgt Ion: 75 Resp: 5316

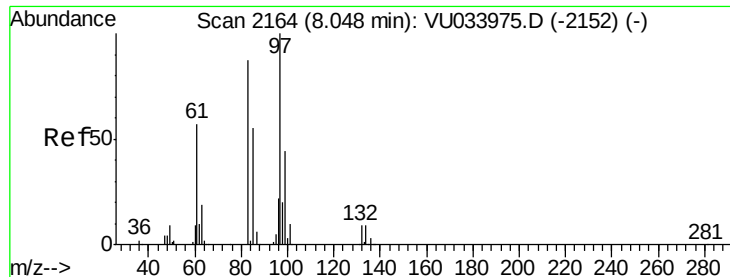
Ion Ratio Lower Upper

75 100

77 32.9 25.6 38.4

39 41.2 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 0.964 ug/l

RT: 8.05 min Scan# 2166

Delta R.T. 0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 3878

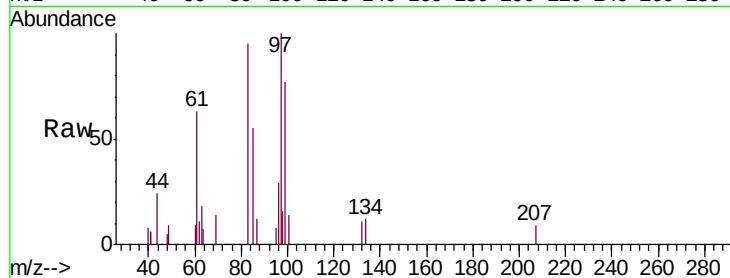
Ion Ratio Lower Upper

97 100

83 95.1 69.8 104.6

85 55.3 45.2 67.8

99 77.4 52.2 78.4

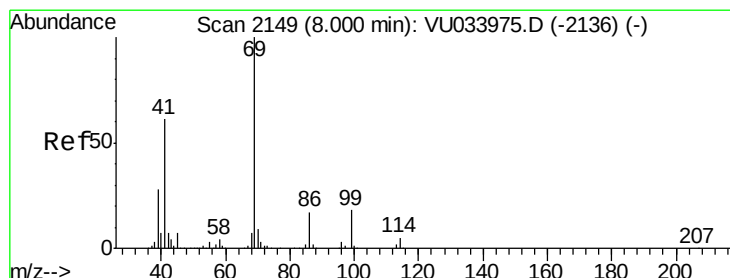
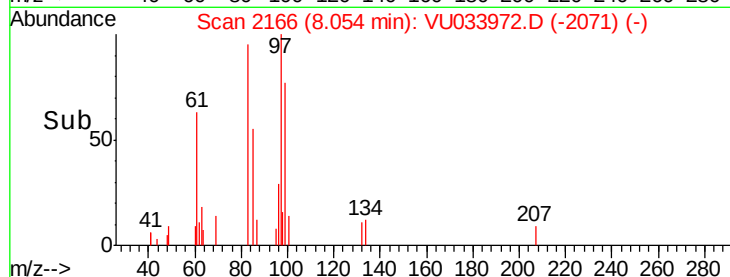
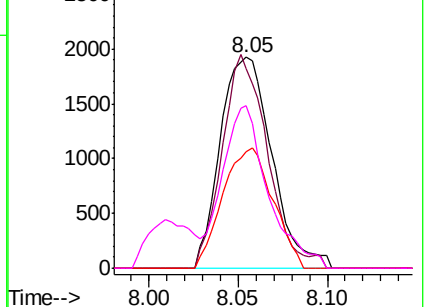


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 0.730 ug/l

RT: 8.01 min Scan# 2153

Delta R.T. 0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

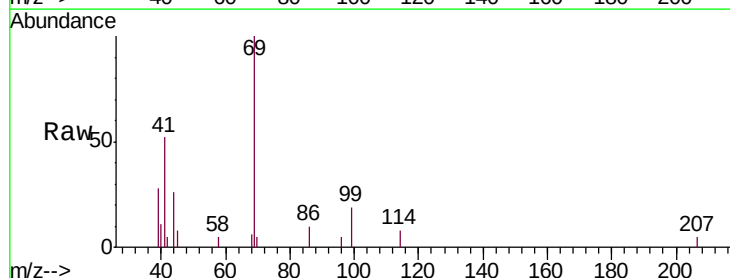
Tgt Ion: 69 Resp: 3989

Ion Ratio Lower Upper

69 100

41 60.8 48.6 72.8

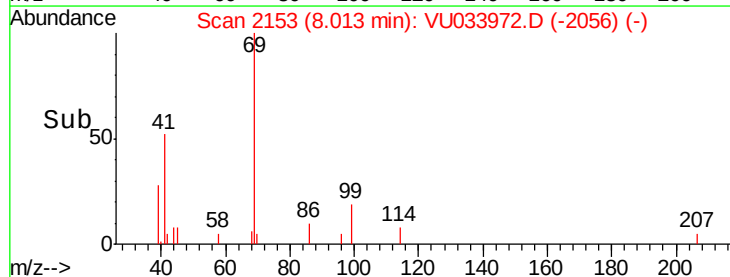
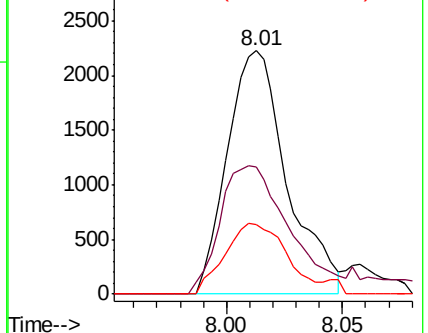
39 29.5 22.4 33.6

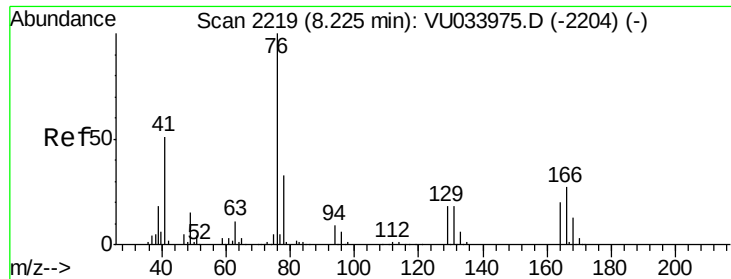


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

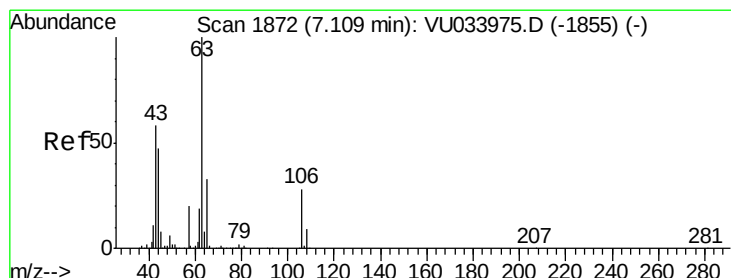
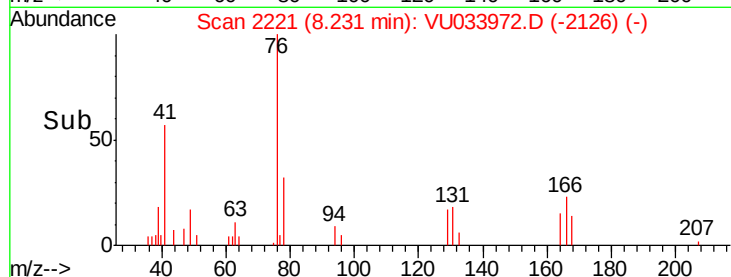
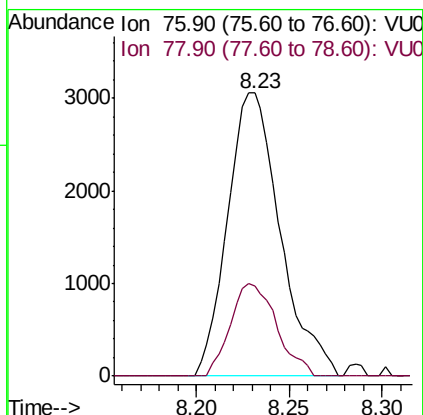
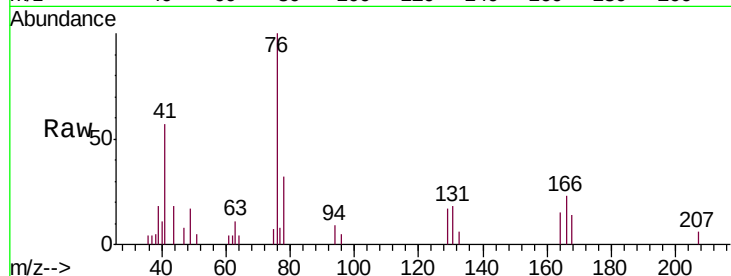




#57
 1,3-Dichloropropane
 Concen: 0.869 ug/l
 RT: 8.23 min Scan# 2221
 Delta R.T. 0.01 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

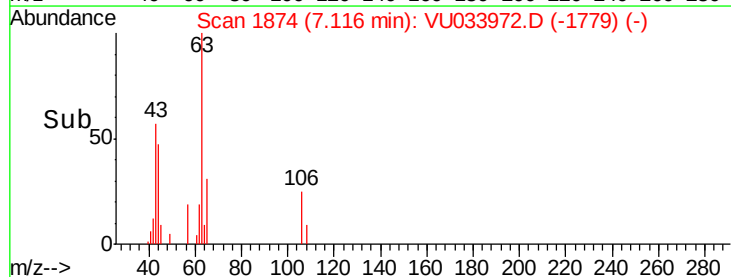
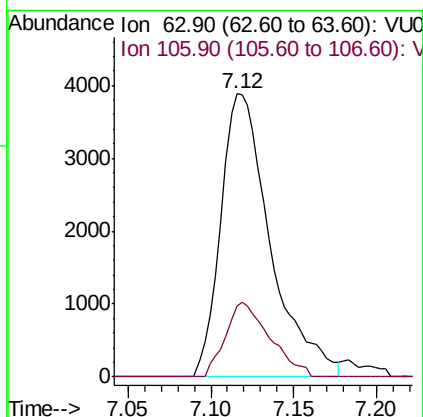
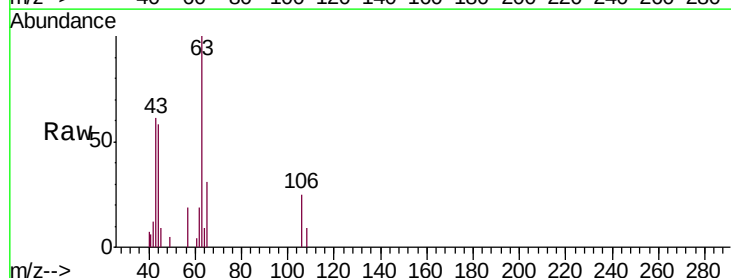
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

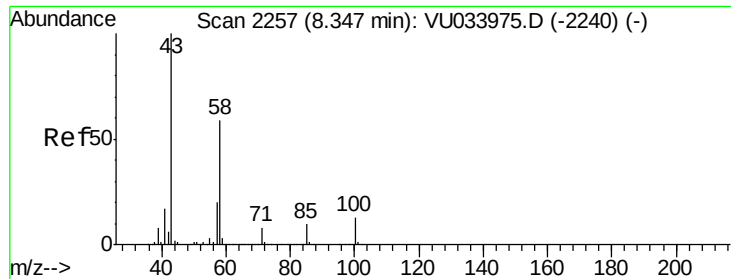
Tgt Ion: 76 Resp: 6043
 Ion Ratio Lower Upper
 76 100
 78 28.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.141 ug/l
 RT: 7.12 min Scan# 1874
 Delta R.T. 0.01 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

Tgt Ion: 63 Resp: 8074
 Ion Ratio Lower Upper
 63 100
 106 23.6 22.4 33.6

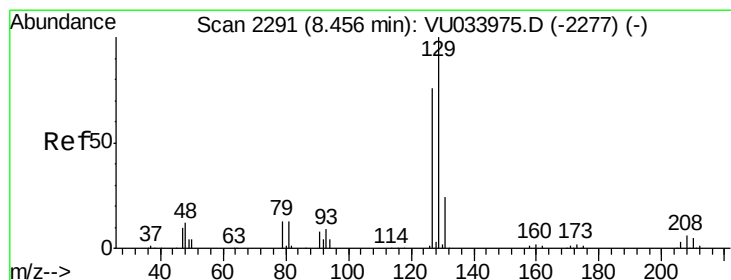
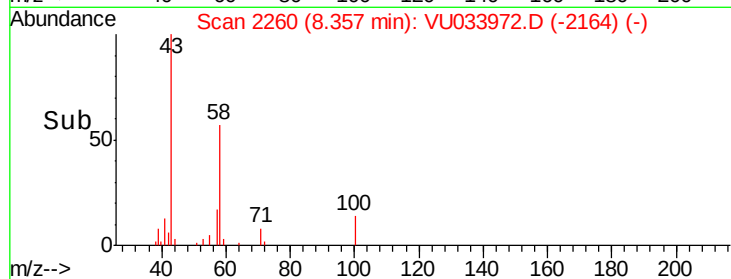
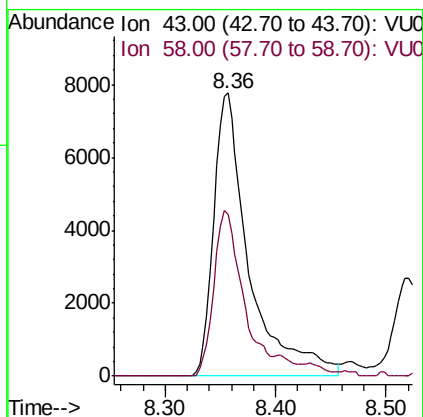
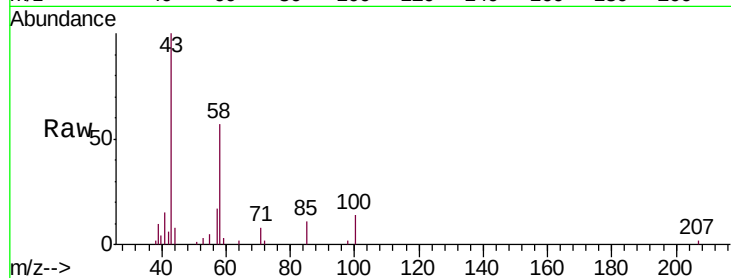




#59
2-Hexanone
Concen: 3.713 ug/l
RT: 8.36 min Scan# 2260
Delta R.T. 0.01 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

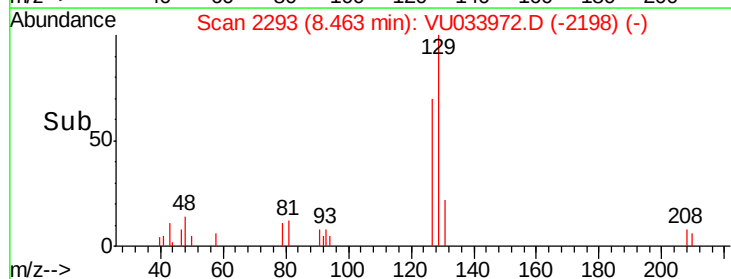
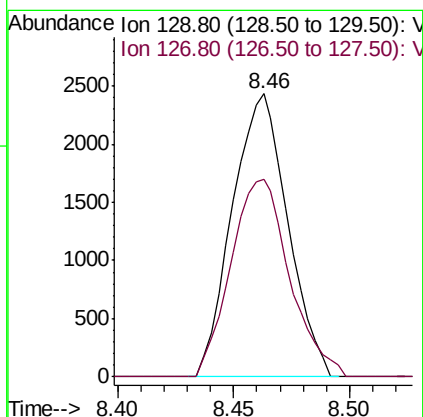
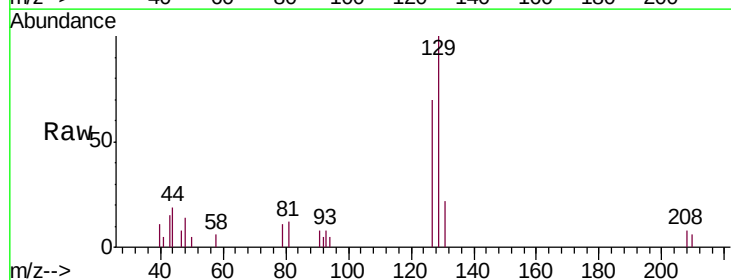
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

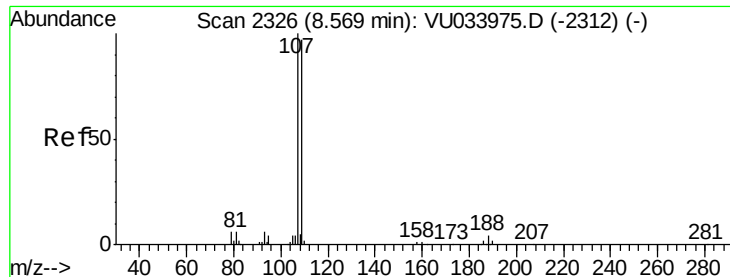
Tgt Ion: 43 Resp: 17197
Ion Ratio Lower Upper
43 100
58 48.3 29.5 88.6



#60
Dibromochloromethane
Concen: 0.951 ug/l
RT: 8.46 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Tgt Ion: 129 Resp: 4037
Ion Ratio Lower Upper
129 100
127 74.1 38.8 116.4





#61

1,2-Dibromoethane

Concen: 0.916 ug/l

RT: 8.57 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

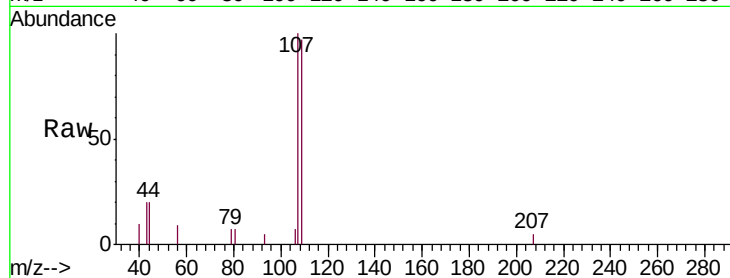
VSTDIC001

Tgt Ion: 107 Resp: 3828

Ion Ratio Lower Upper

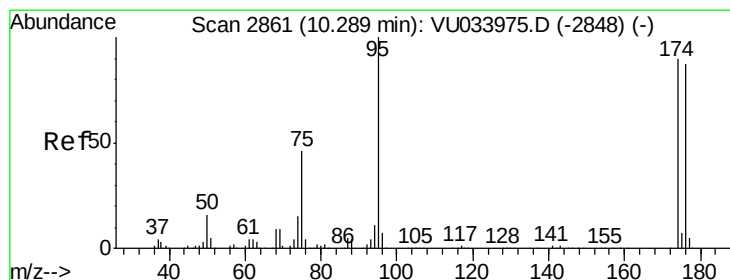
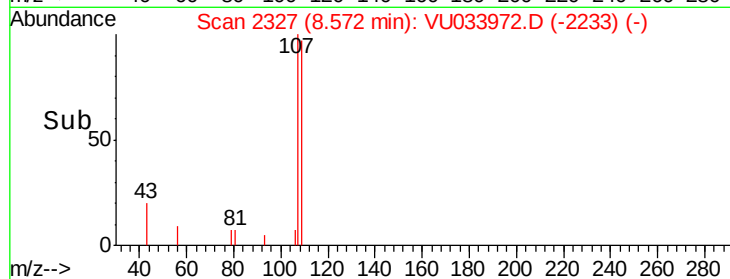
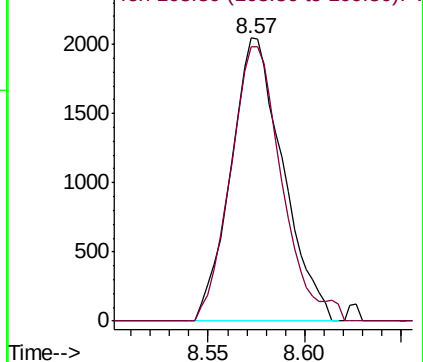
107 100

109 95.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.049 ug/l

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

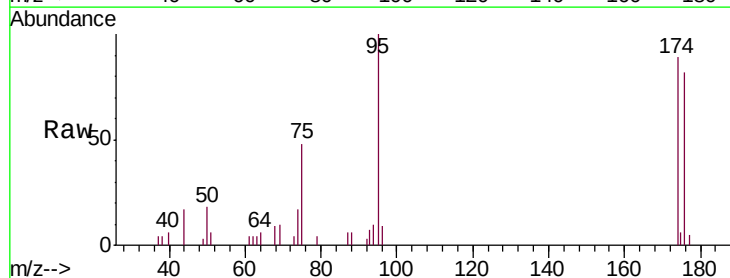
Tgt Ion: 95 Resp: 5444

Ion Ratio Lower Upper

95 100

174 93.0 0.0 183.8

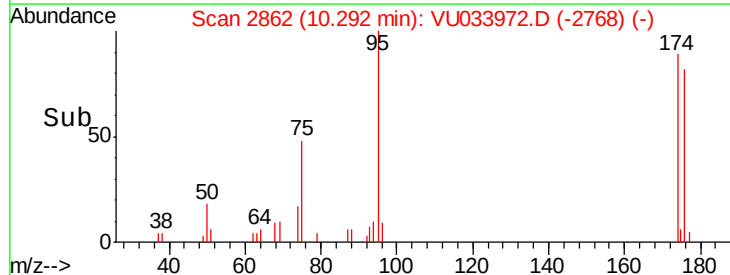
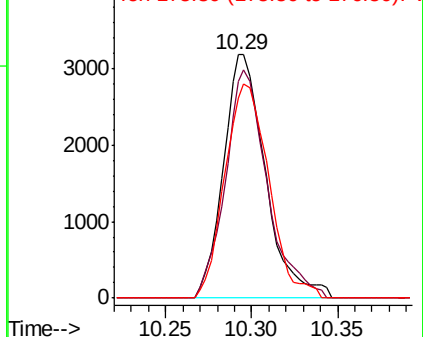
176 91.9 0.0 176.4

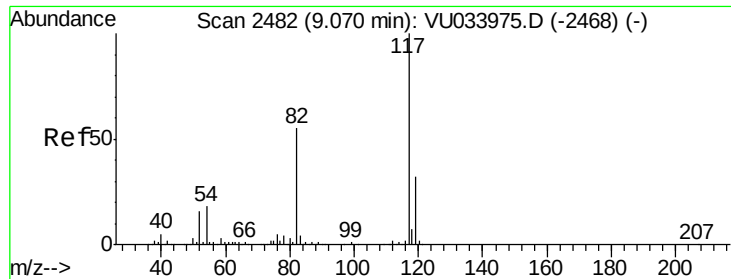


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

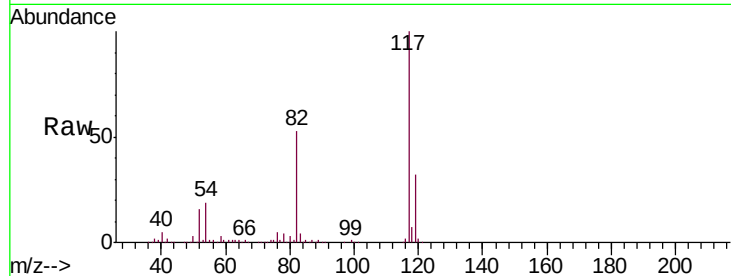




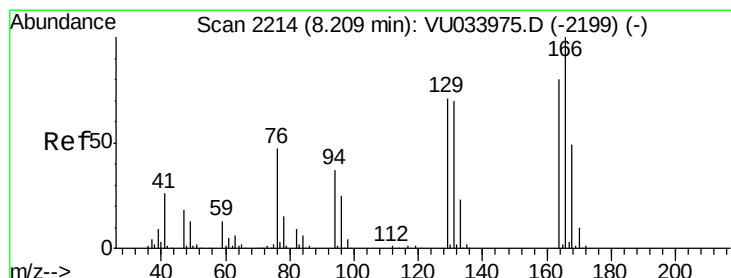
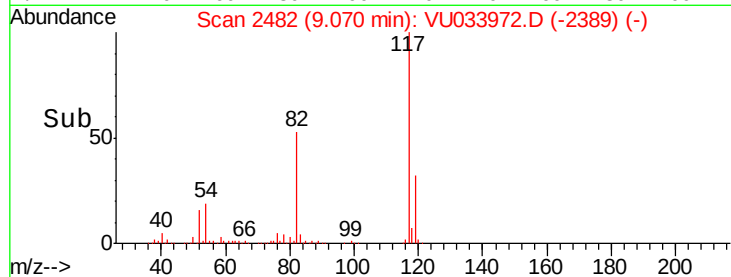
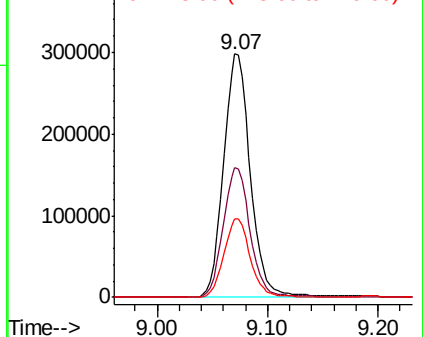
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 502791
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.8
119 32.3 25.7 38.5

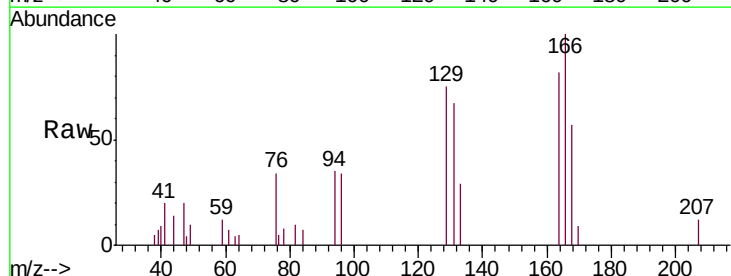


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

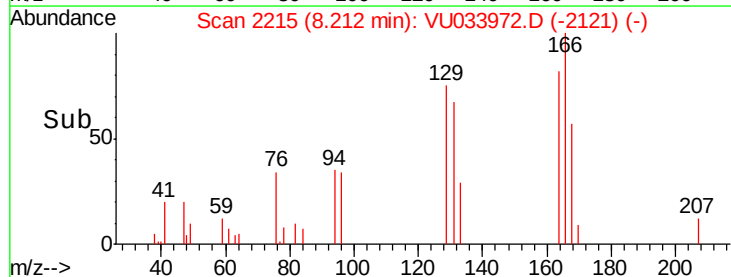
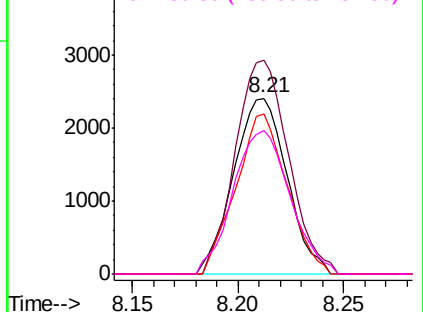


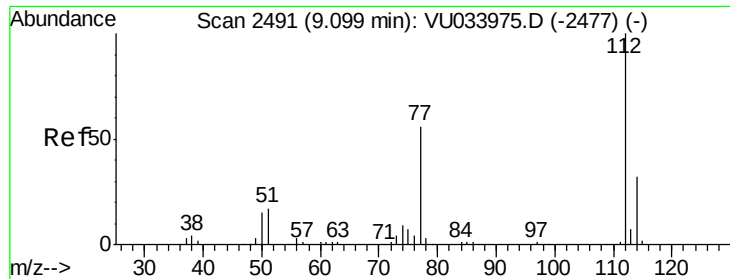
#64
Tetrachloroethene
Concen: 1.143 ug/l
RT: 8.21 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Tgt Ion:164 Resp: 4242
Ion Ratio Lower Upper
164 100
166 121.4 99.5 149.3
129 91.0 70.9 106.3
131 81.2 69.4 104.2



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

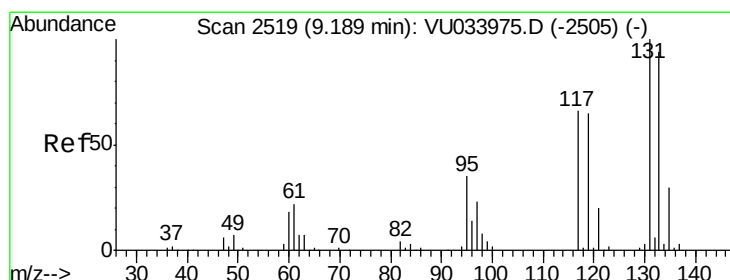
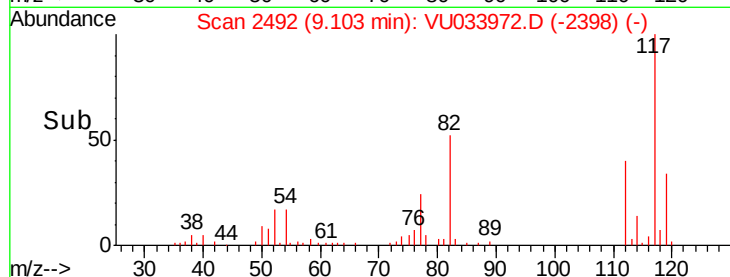
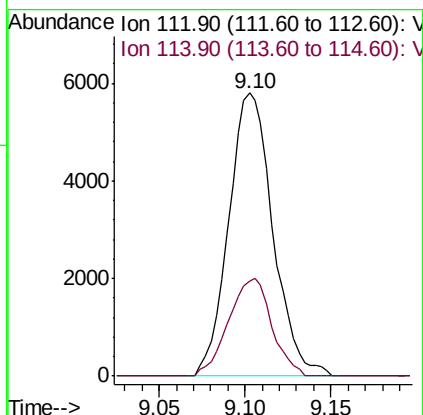
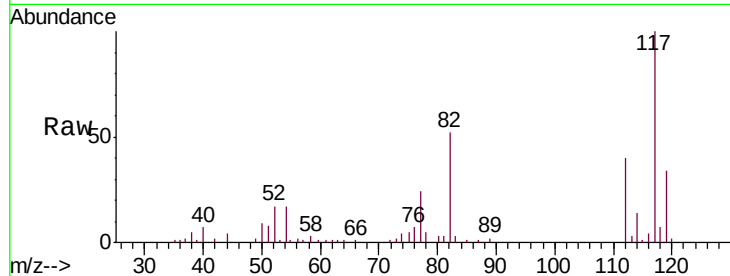




#65
Chlorobenzene
Concen: 0.996 ug/l
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

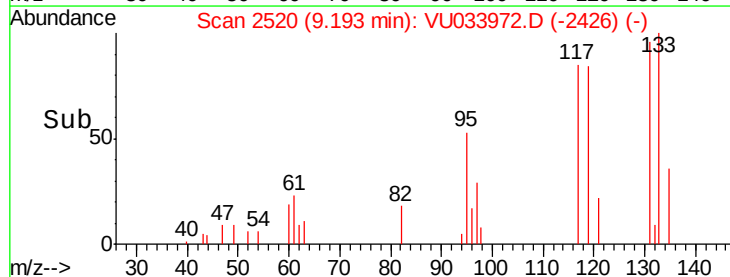
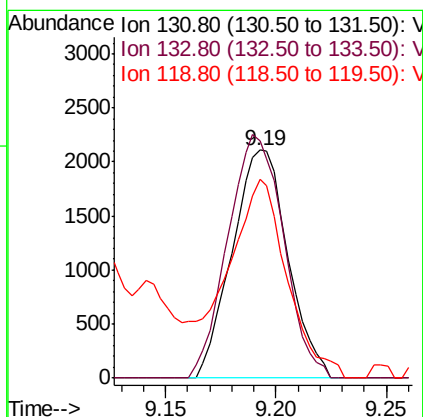
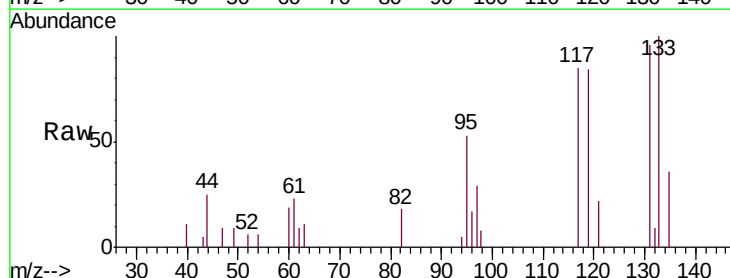
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

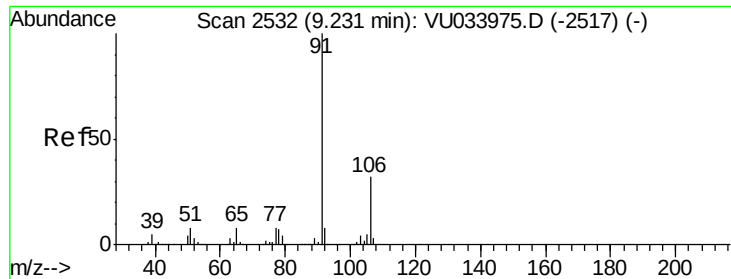
Tgt Ion:112 Resp: 10332
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.957 ug/l
RT: 9.19 min Scan# 2520
Delta R.T. 0.00 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Tgt Ion:131 Resp: 3687
Ion Ratio Lower Upper
131 100
133 107.0 47.6 142.9
119 0.0 33.0 98.9#

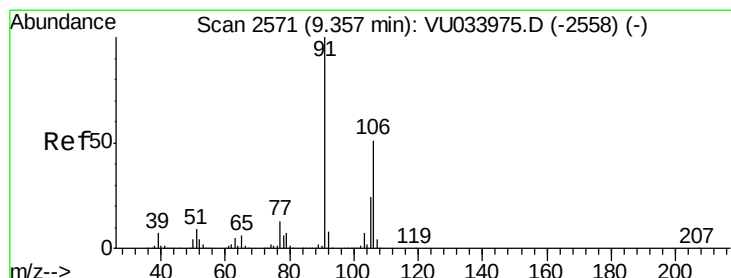
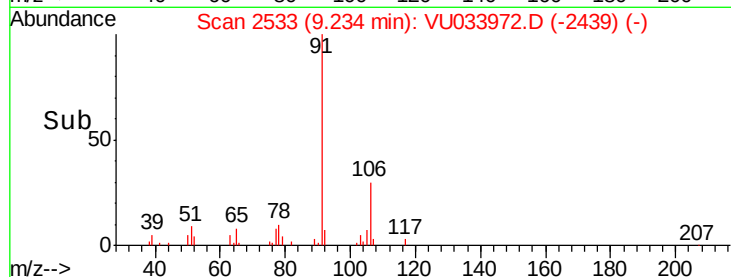
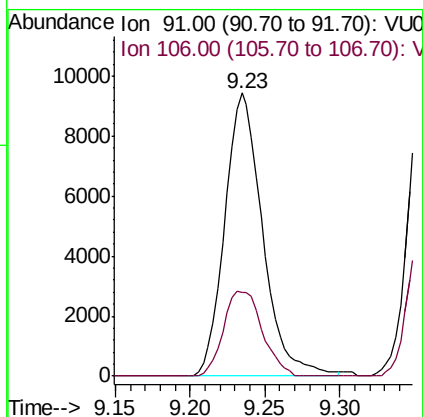
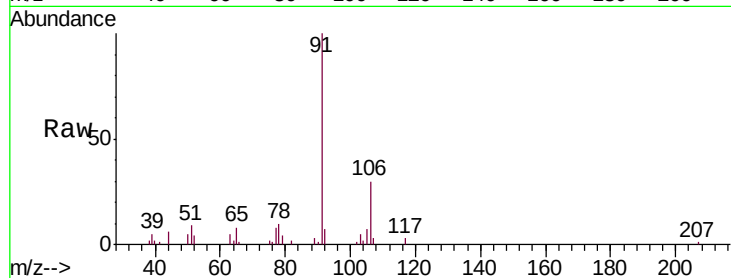




#67
Ethyl Benzene
Concen: 0.981 ug/l
RT: 9.23 min Scan# 2533
Delta R.T. 0.00 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

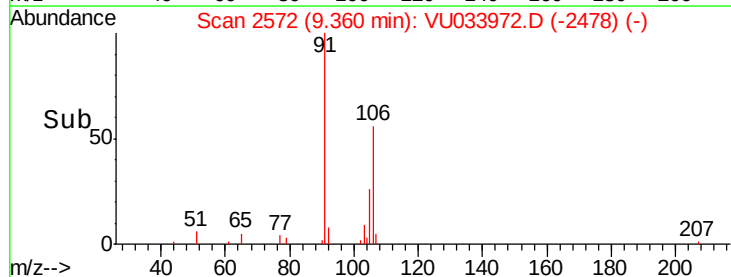
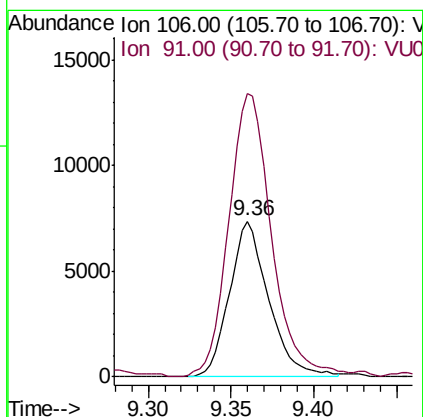
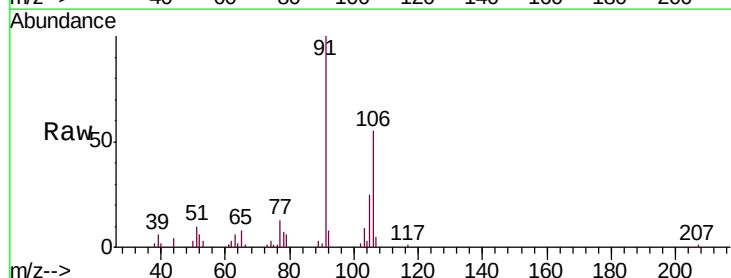
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

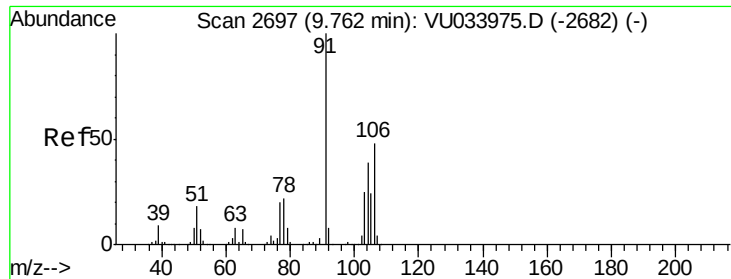
Tgt Ion: 91 Resp: 16628
Ion Ratio Lower Upper
91 100
106 29.7 25.4 38.0



#68
m/p-Xylenes
Concen: 1.932 ug/l
RT: 9.36 min Scan# 2572
Delta R.T. 0.00 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Tgt Ion: 106 Resp: 12116
Ion Ratio Lower Upper
106 100
91 198.7 158.4 237.6

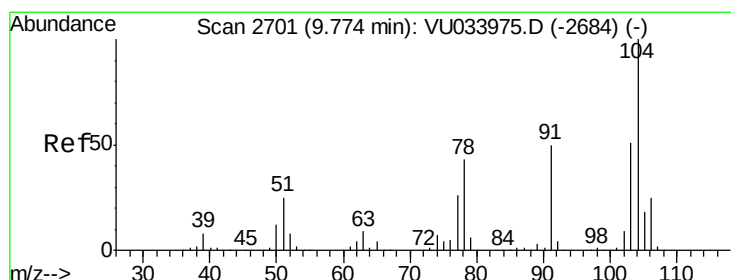
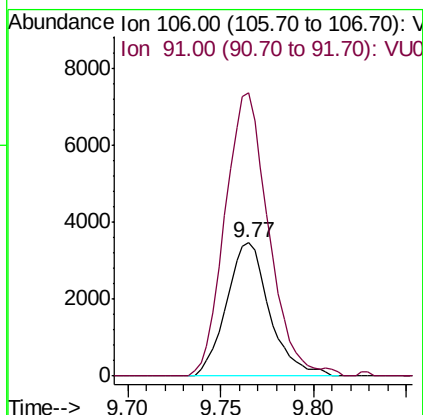
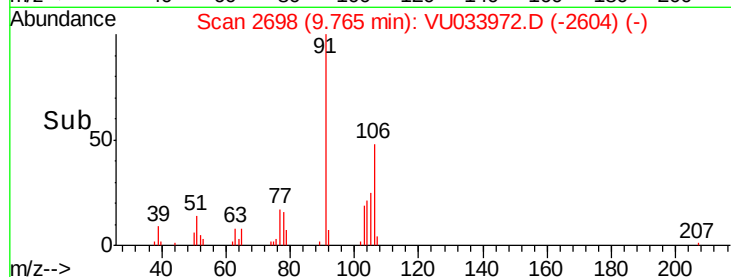
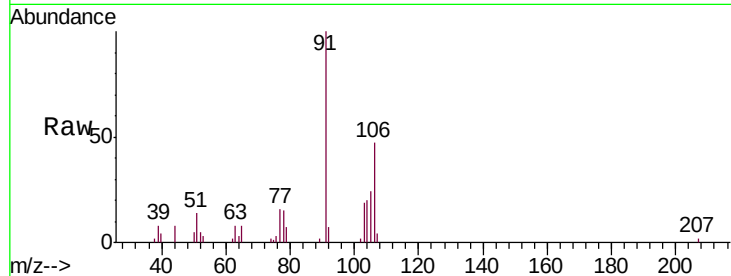




#69
o-Xylene
Concen: 0.938 ug/l
RT: 9.77 min Scan# 2698
Delta R.T. 0.00 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

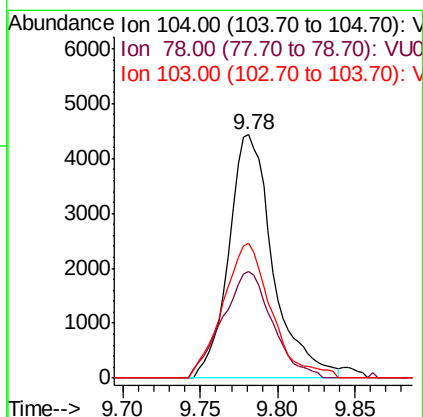
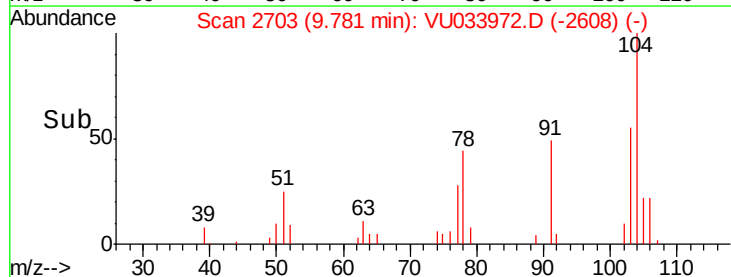
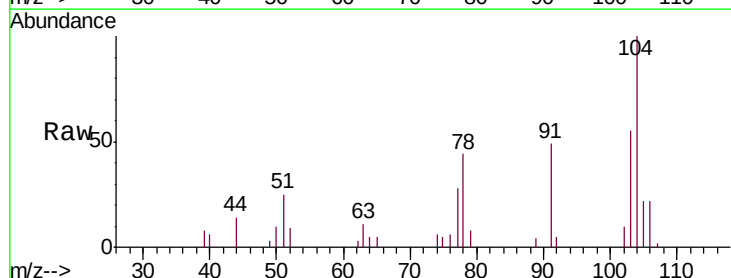
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

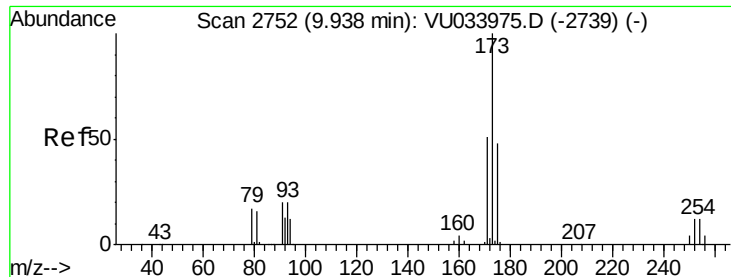
Tgt Ion:106 Resp: 5626
Ion Ratio Lower Upper
106 100
91 215.1 104.5 313.3



#70
Styrene
Concen: 0.852 ug/l
RT: 9.78 min Scan# 2703
Delta R.T. 0.01 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Tgt Ion:104 Resp: 8833
Ion Ratio Lower Upper
104 100
78 49.1 37.5 56.3
103 60.7 43.9 65.9





#71

Bromoform

Concen: 0.946 ug/l

RT: 9.95 min Scan# 2754

Delta R.T. 0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

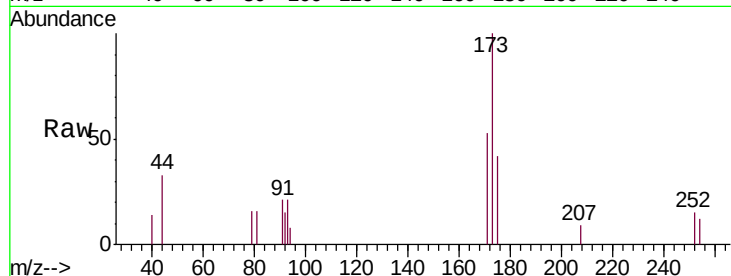
Tgt Ion:173 Resp: 3080

Ion Ratio Lower Upper

173 100

175 49.6 24.3 72.9

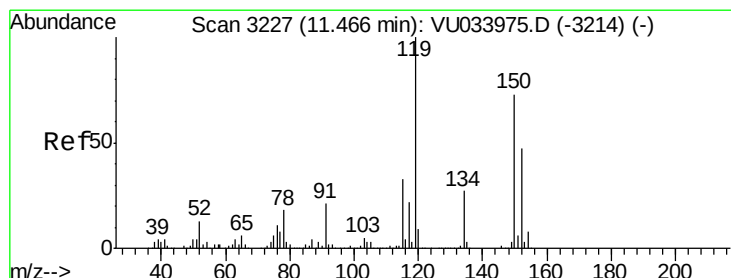
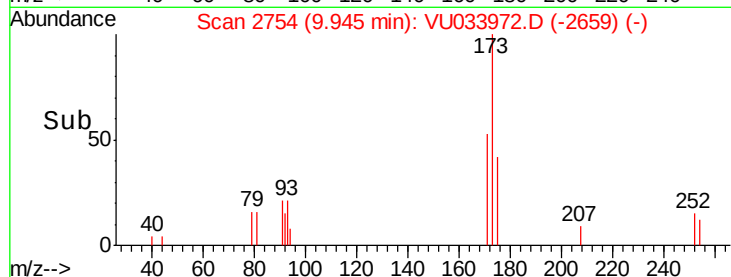
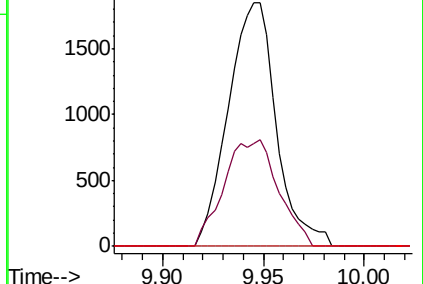
254 0.0 0.1 0.1#



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: VU033972.D

Acq: 27 Aug 2019 14:19

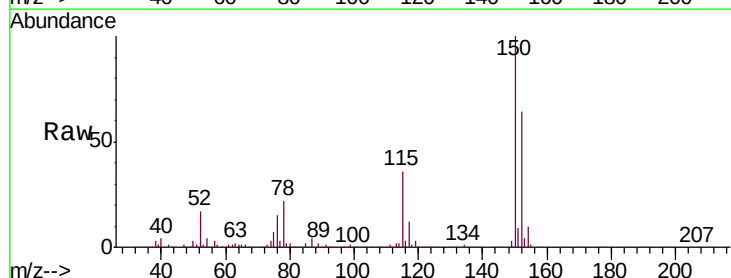
Tgt Ion:152 Resp: 245190

Ion Ratio Lower Upper

152 100

115 56.1 38.6 115.7

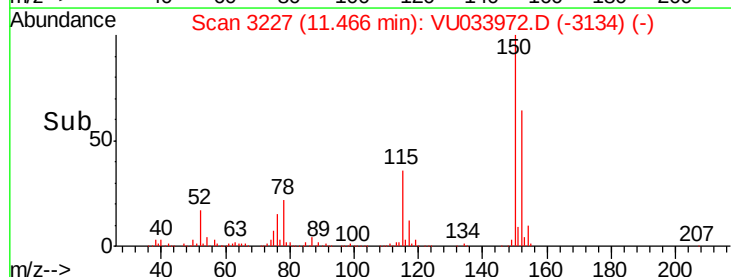
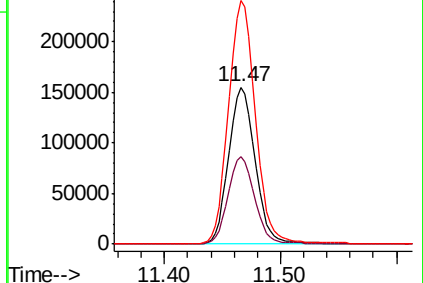
150 156.0 0.0 343.8

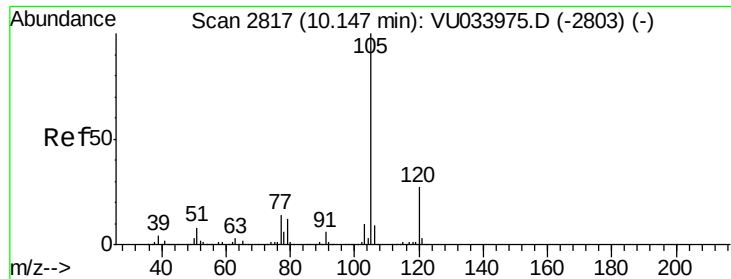


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.972 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

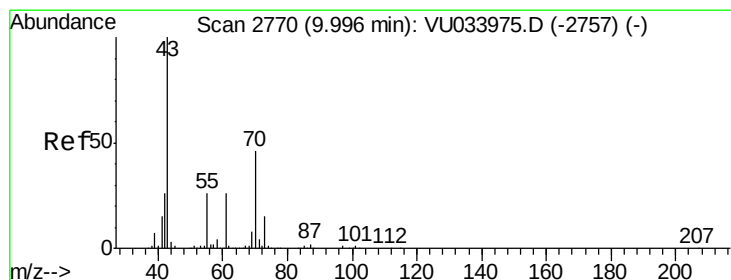
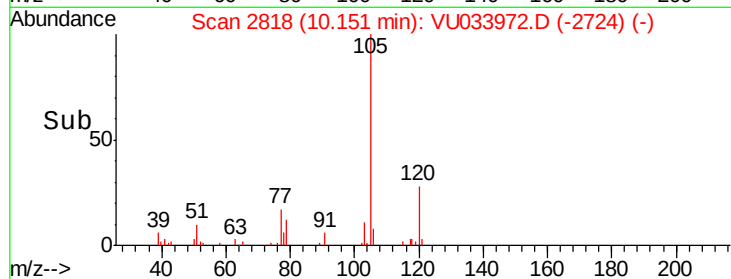
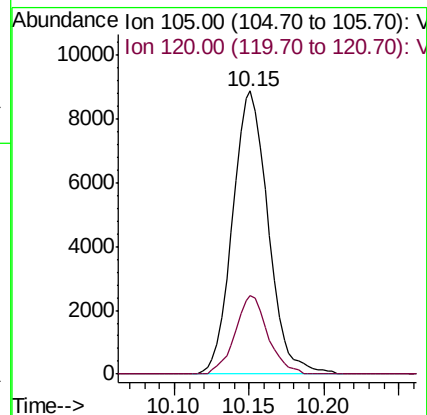
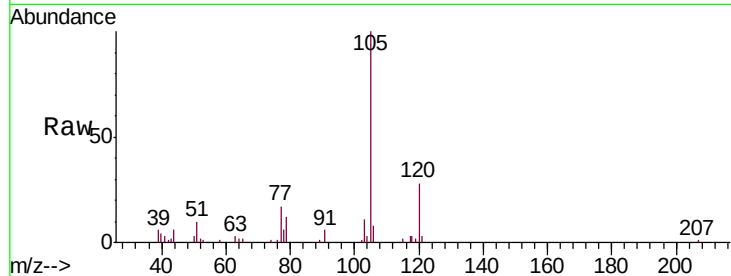
VSTDIC001

Tgt Ion: 105 Resp: 14694

Ion Ratio Lower Upper

105 100

120 25.5 13.5 40.5



#74

N-ethyl acetate

Concen: 0.786 ug/l

RT: 10.01 min Scan# 2773

Delta R.T. 0.01 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Tgt Ion: 43 Resp: 4992

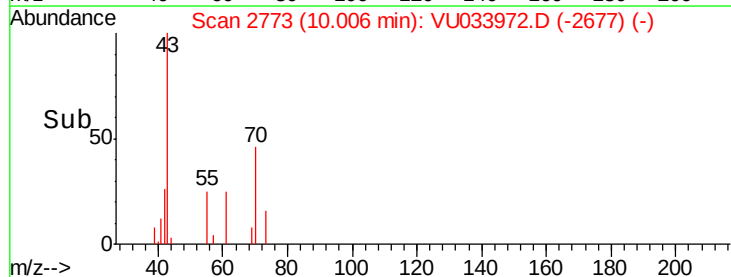
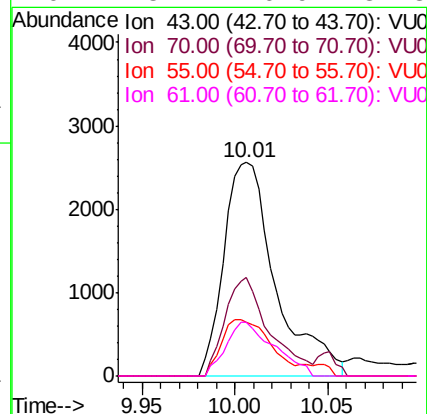
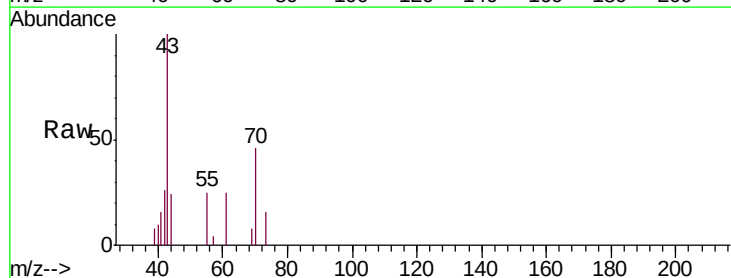
Ion Ratio Lower Upper

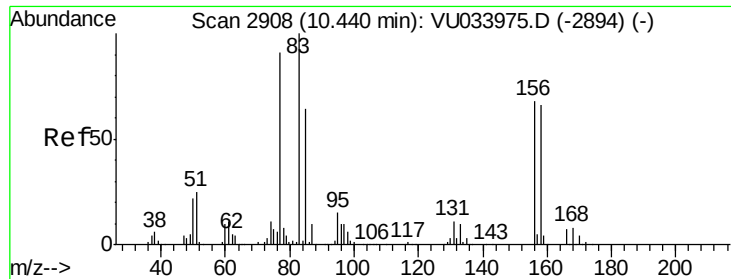
43 100

70 39.4 37.4 56.0

55 24.9 21.0 31.4

61 23.1 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 0.968 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

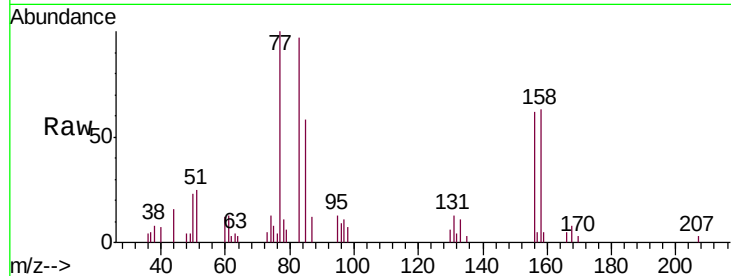
Tgt Ion: 83 Resp: 6124

Ion Ratio Lower Upper

83 100

131 12.6 5.3 16.1

85 60.5 32.0 96.0

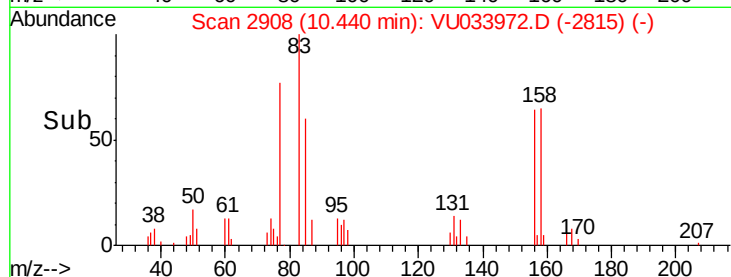


Abundance Ion 82.90 (82.60 to 83.60): VU033975.D (-2894) (-)

Ion 130.80 (130.50 to 131.50): VU033975.D (-2894) (-)

Ion 84.90 (84.60 to 85.60): VU033975.D (-2894) (-)

Time-->

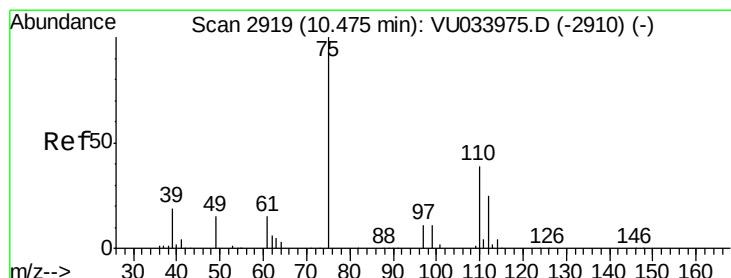


Abundance Ion 82.90 (82.60 to 83.60): VU033975.D (-2894) (-)

Ion 130.80 (130.50 to 131.50): VU033975.D (-2894) (-)

Ion 84.90 (84.60 to 85.60): VU033975.D (-2894) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 1.306 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU033972.D

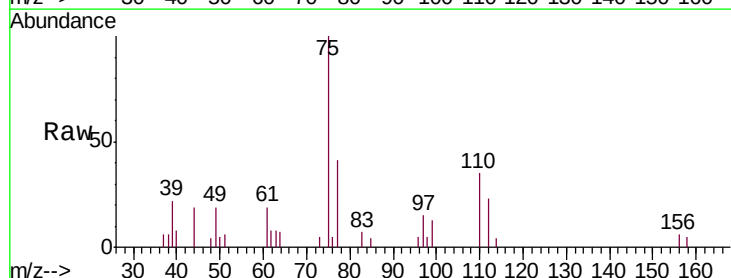
Acq: 27 Aug 2019 14:19

Tgt Ion: 75 Resp: 7276

Ion Ratio Lower Upper

75 100

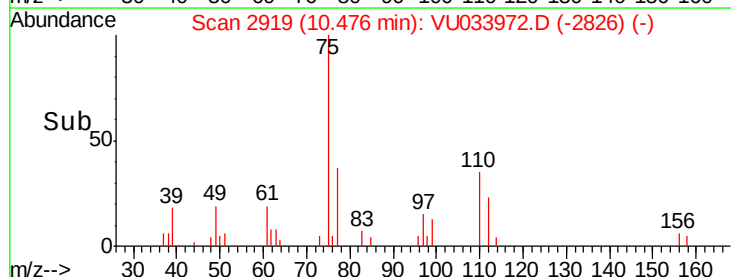
77 0.0 21.0 63.0#



Abundance Ion 74.90 (74.60 to 75.60): VU033975.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU033975.D (-2910) (-)

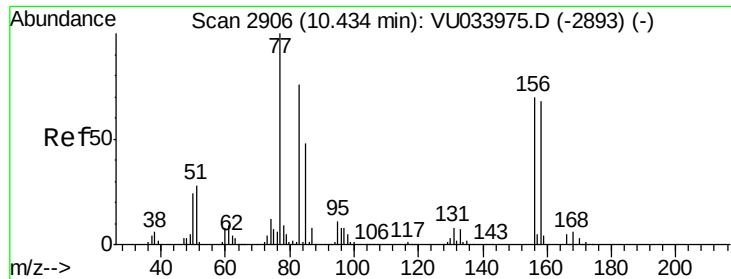
Time-->



Abundance Ion 74.90 (74.60 to 75.60): VU033975.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU033975.D (-2910) (-)

Time-->



#77

Bromobenzene

Concen: 1.119 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

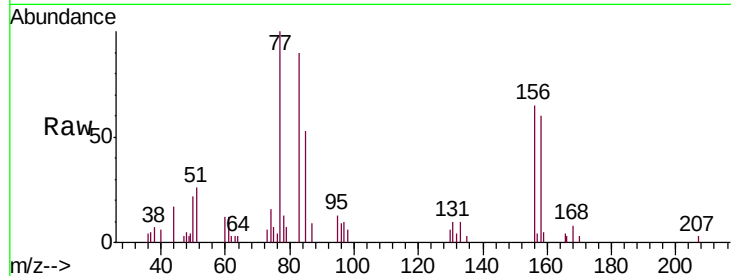
Tgt Ion:156 Resp: 4565

Ion Ratio Lower Upper

156 100

77 140.9 70.3 211.1

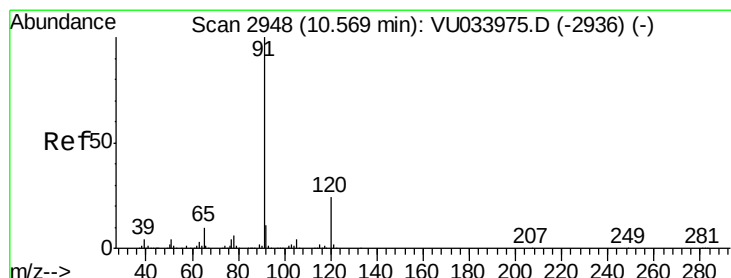
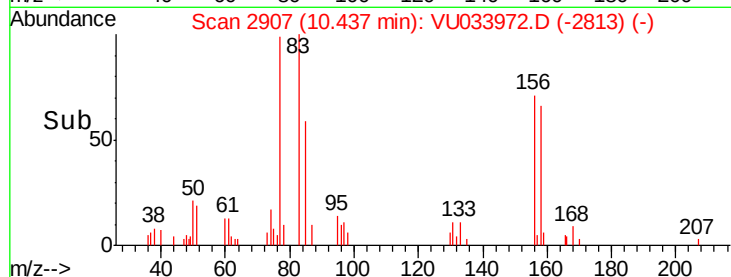
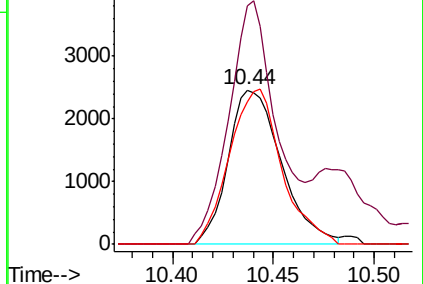
158 98.3 48.3 144.8



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: 0.927 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU033972.D

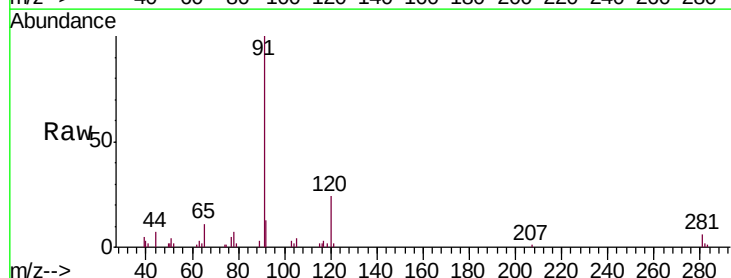
Acq: 27 Aug 2019 14:19

Tgt Ion: 91 Resp: 16581

Ion Ratio Lower Upper

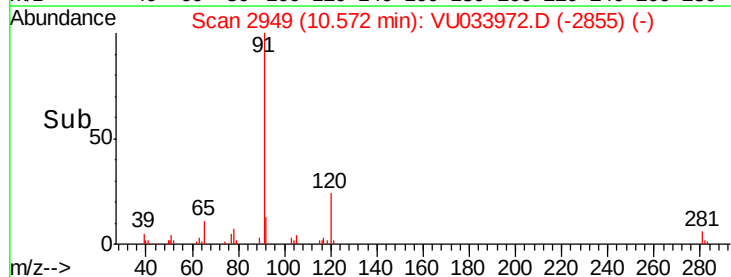
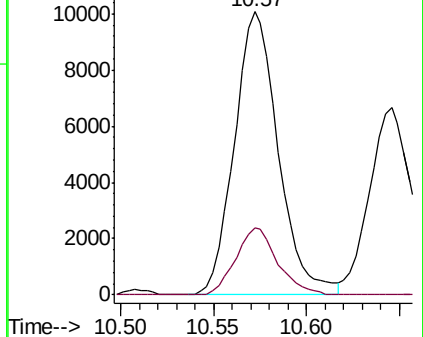
91 100

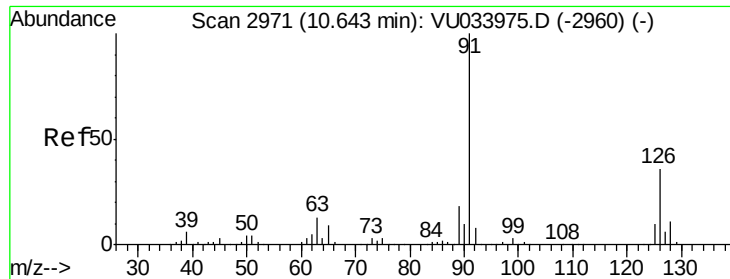
120 22.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.965 ug/l

RT: 10.65 min Scan# 2972

Delta R.T. 0.00 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

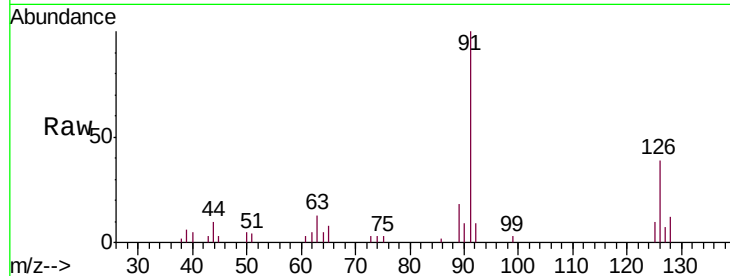
VSTDIC001

Tgt Ion: 91 Resp: 10354

Ion Ratio Lower Upper

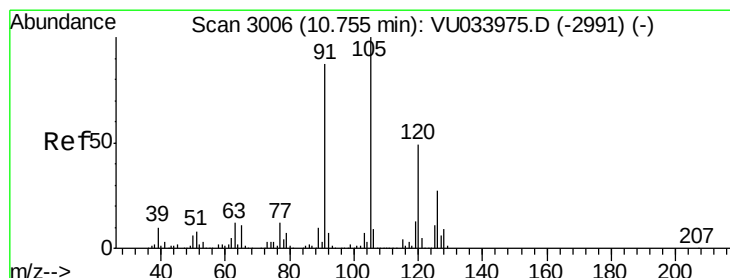
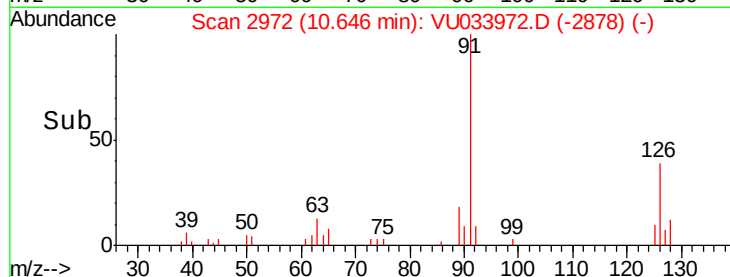
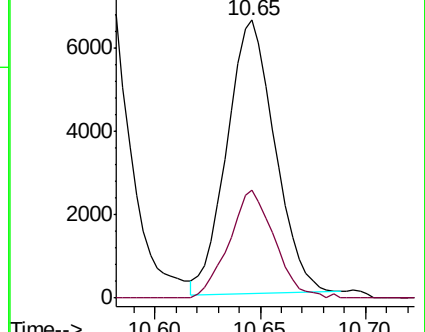
91 100

126 37.5 17.8 53.5



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

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



#80

1,3,5-Trimethylbenzene

Concen: 0.927 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU033972.D

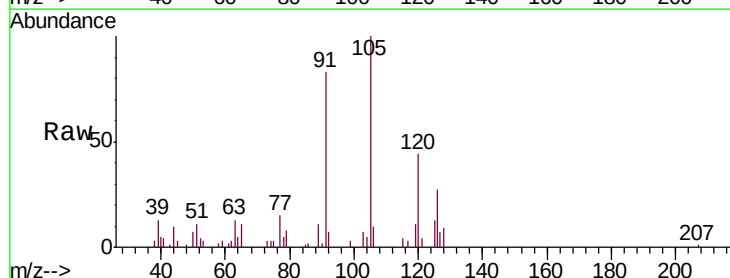
Acq: 27 Aug 2019 14:19

Tgt Ion: 105 Resp: 11991

Ion Ratio Lower Upper

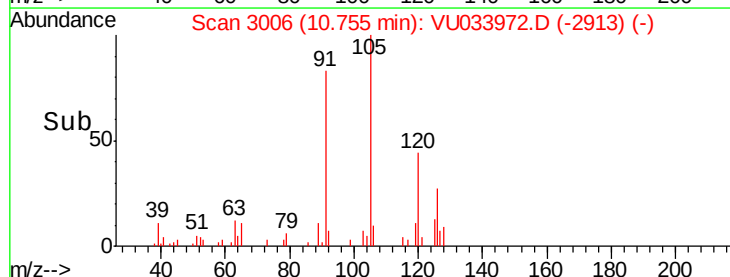
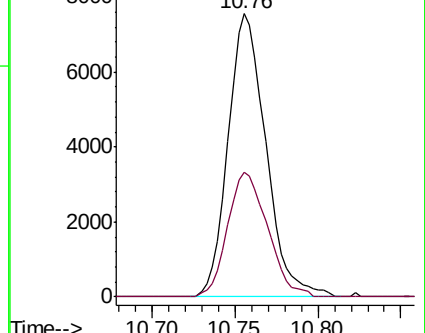
105 100

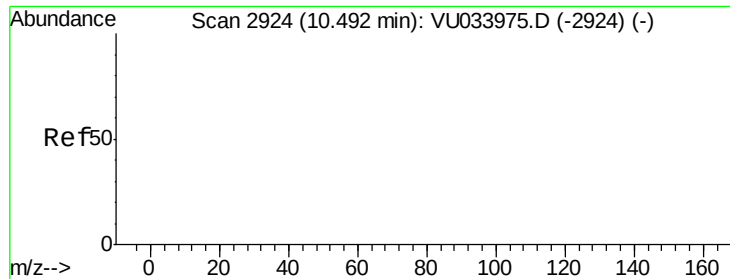
120 46.5 24.6 73.6



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 3.573 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.02 min

Lab File: VU033972.D

Acq: 27 Aug 2019 14:19

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

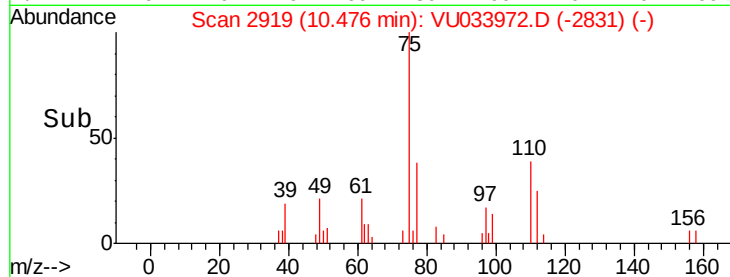
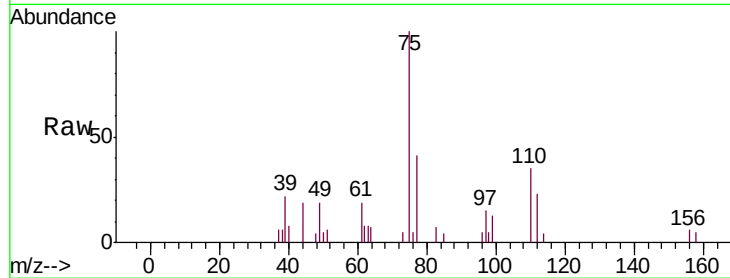
Tgt Ion: 75 Resp: 7276

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

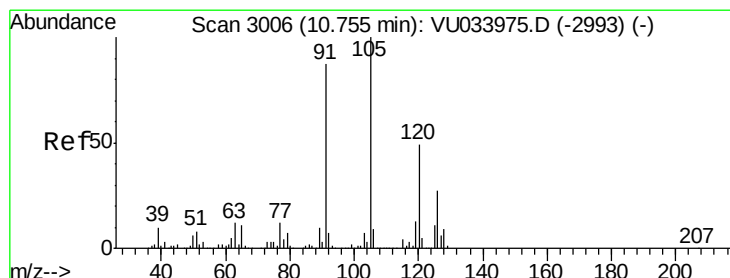
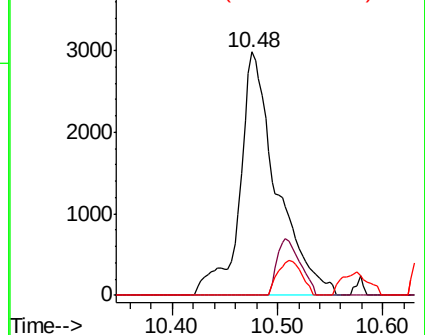
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU033972.D (-2831) (-)

Ion 53.00 (52.70 to 53.70): VU033972.D (-2831) (-)

Ion 88.90 (88.60 to 89.60): VU033972.D (-2831) (-)



#82

4-Chlorotoluene

Concen: 0.983 ug/l

RT: 10.76 min Scan# 3008

Delta R.T. 0.01 min

Lab File: VU033972.D

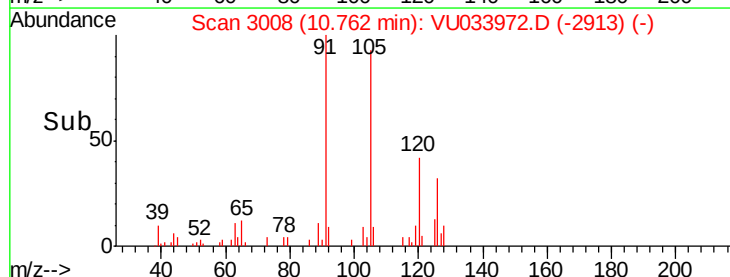
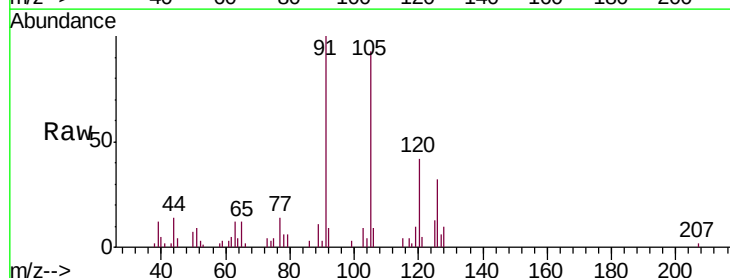
Acq: 27 Aug 2019 14:19

Tgt Ion: 91 Resp: 12374

Ion Ratio Lower Upper

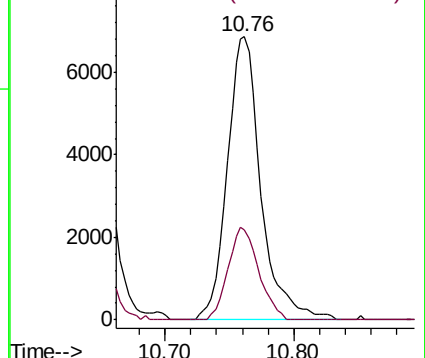
91 100

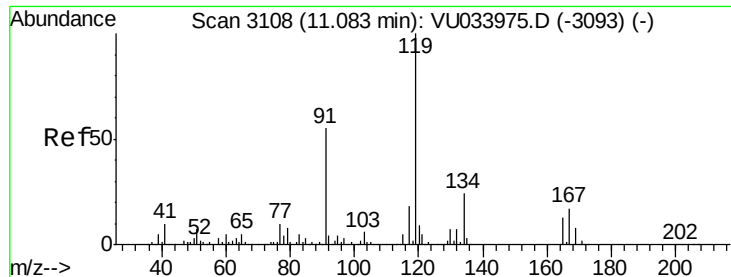
126 29.8 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VU033972.D (-2913) (-)

Ion 125.90 (125.60 to 126.60): VU033972.D (-2913) (-)

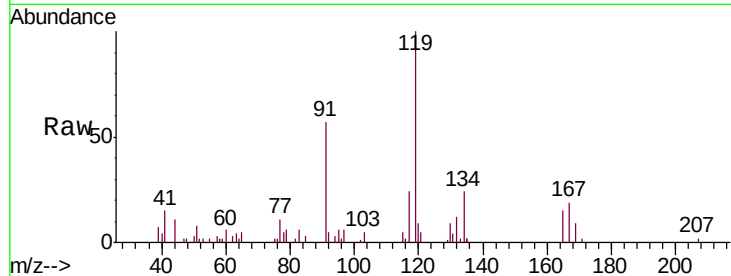




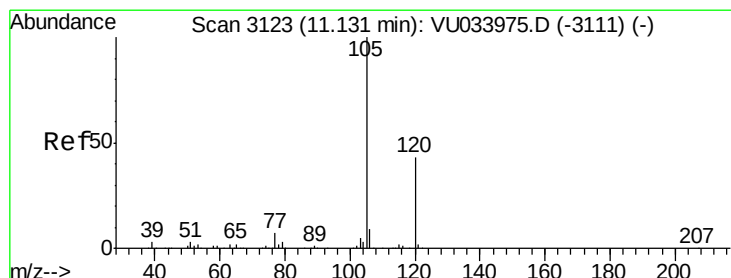
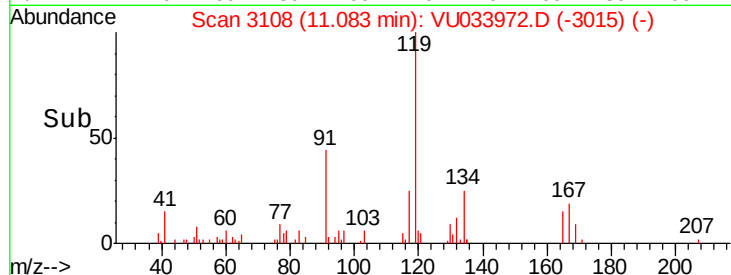
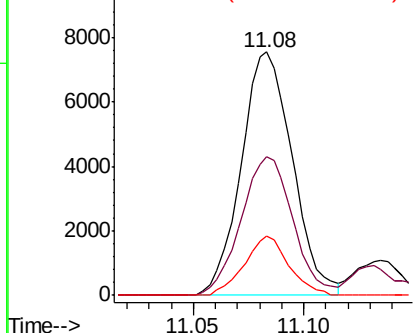
#83
 tert-Butylbenzene
 Concen: 1.004 ug/l
 RT: 11.08 min Scan# 3108
 Delta R.T. 0.00 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:119 Resp: 12159
 Ion Ratio Lower Upper
 119 100
 91 57.7 27.6 82.8
 134 21.1 11.6 34.7

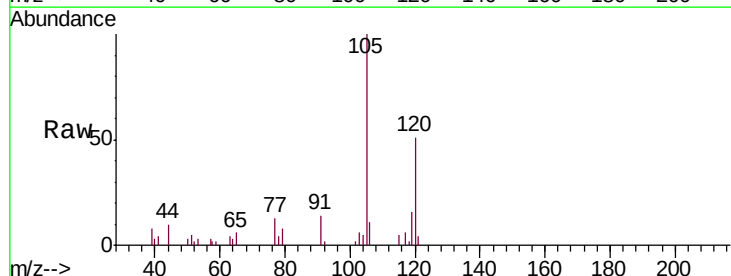


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

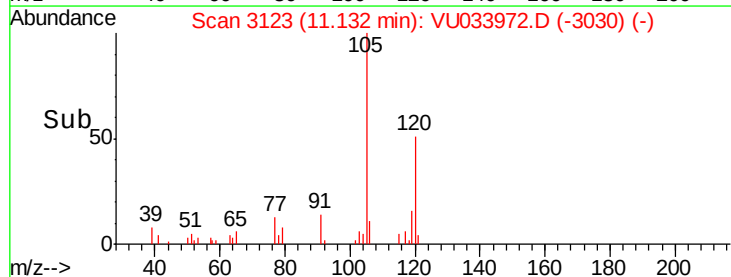
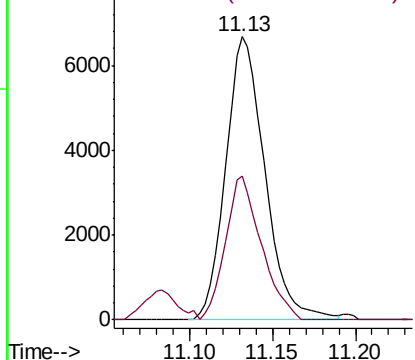


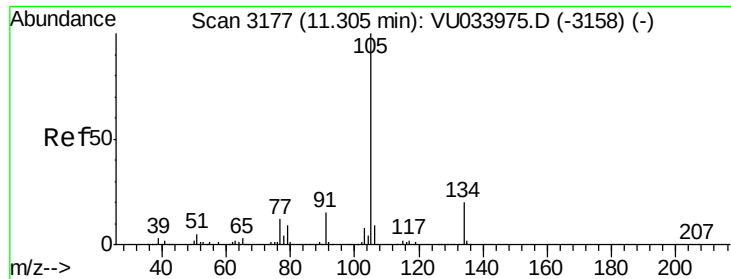
#84
 1,2,4-Trimethylbenzene
 Concen: 0.872 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

Tgt Ion:105 Resp: 10964
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.9



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

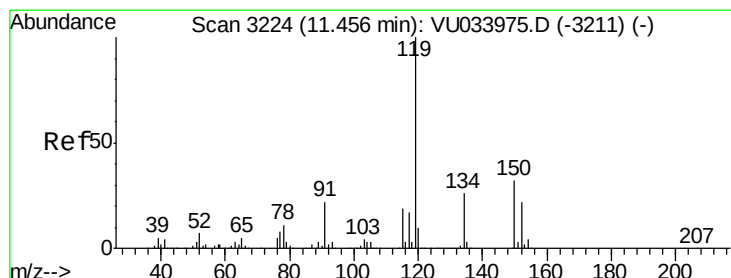
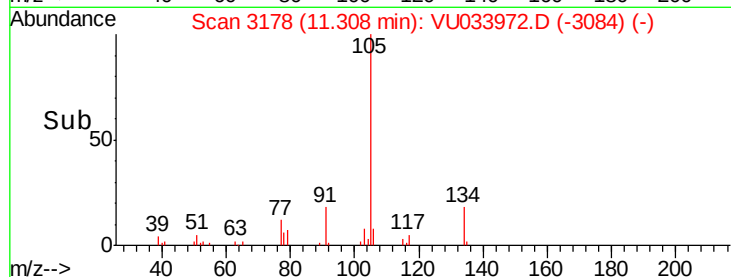
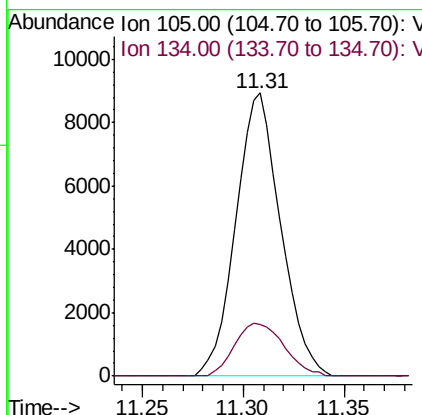
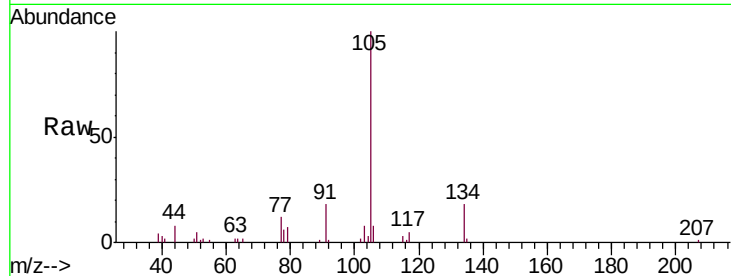




#85
 sec-Butylbenzene
 Concen: 0.920 ug/l
 RT: 11.31 min Scan# 3178
 Delta R.T. 0.00 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

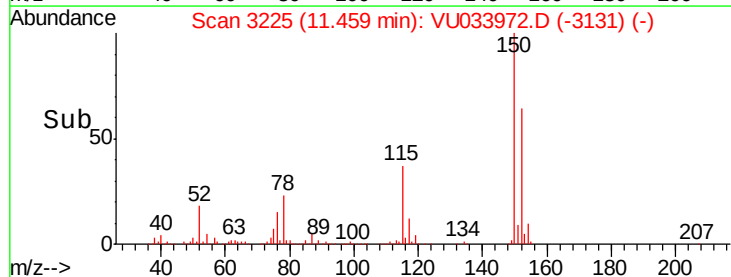
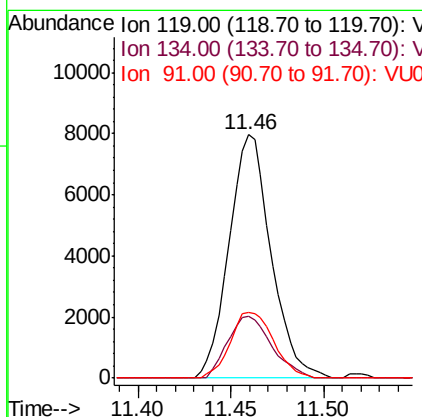
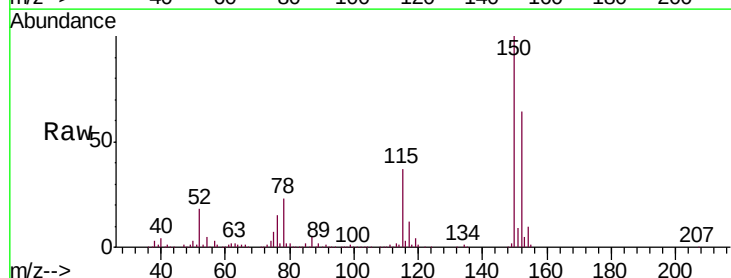
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

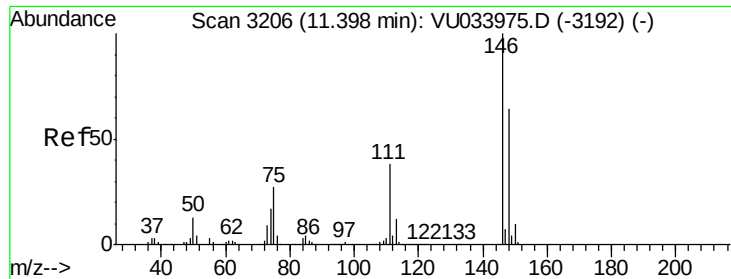
Tgt Ion:105 Resp: 13921
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 0.906 ug/l
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

Tgt Ion:119 Resp: 12489
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 38.9
 91 28.1 10.9 32.9

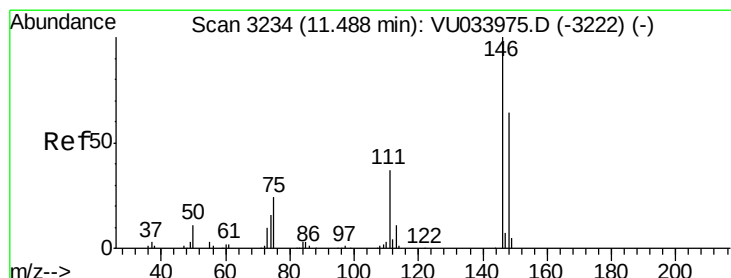
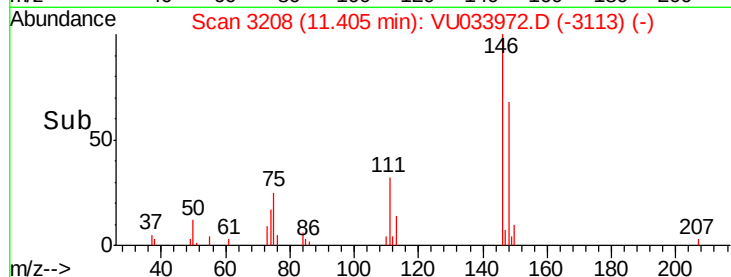
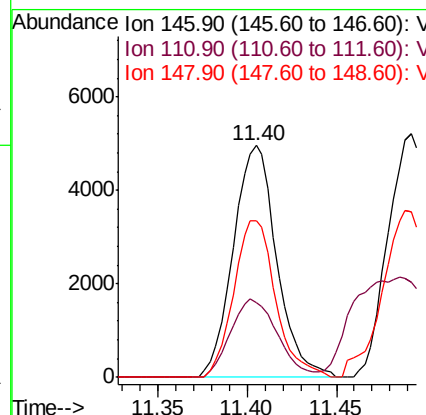
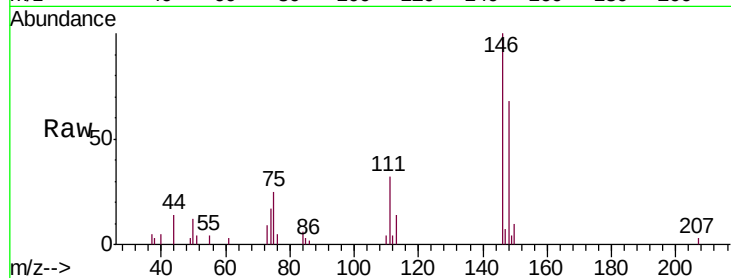




#87
 1,3-Dichlorobenzene
 Concen: 1.090 ug/l
 RT: 11.40 min Scan# 3208
 Delta R.T. 0.01 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

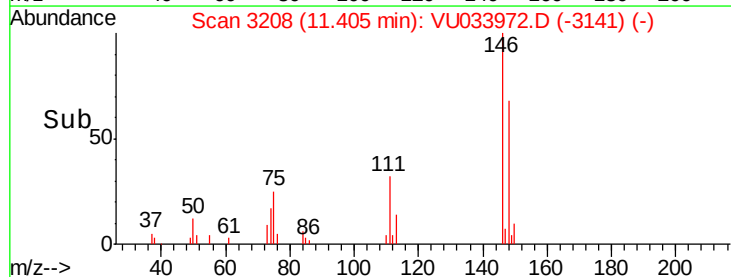
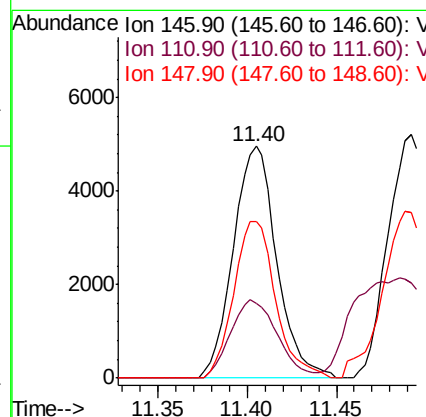
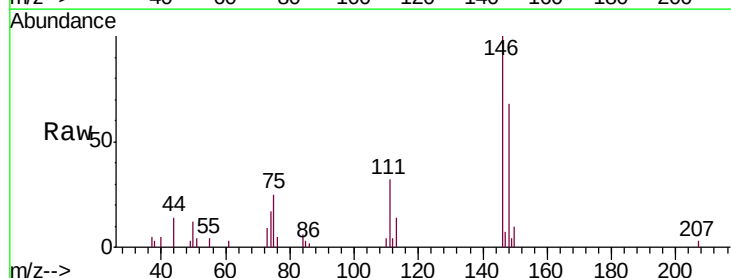
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

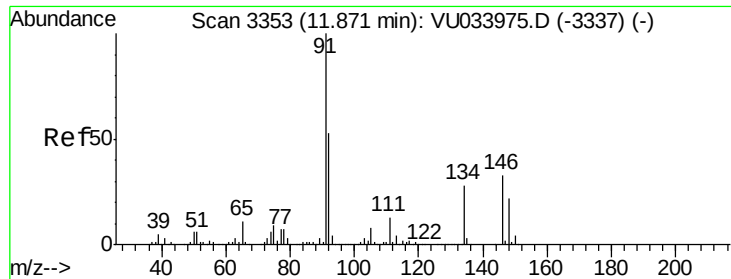
Tgt Ion:146 Resp: 8380
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.8 56.4
 148 65.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 1.055 ug/l
 RT: 11.40 min Scan# 3208
 Delta R.T. -0.08 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

Tgt Ion:146 Resp: 8380
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.8 56.4
 148 65.3 31.9 95.7

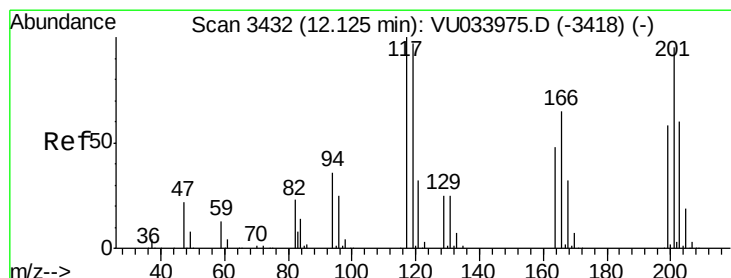
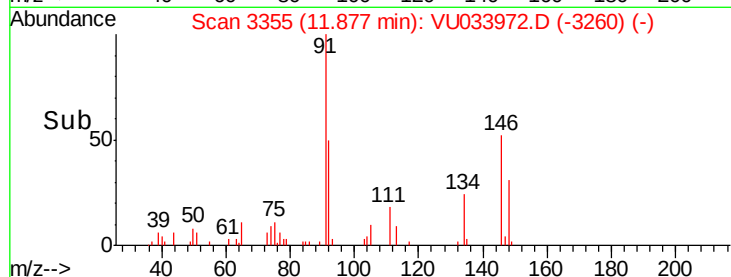
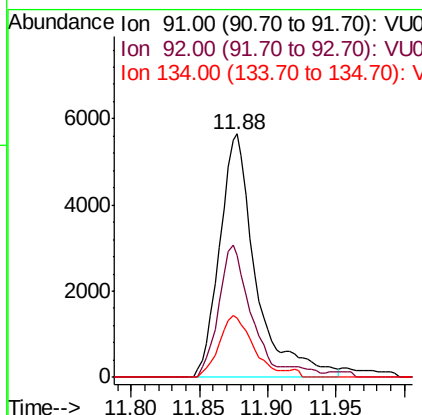
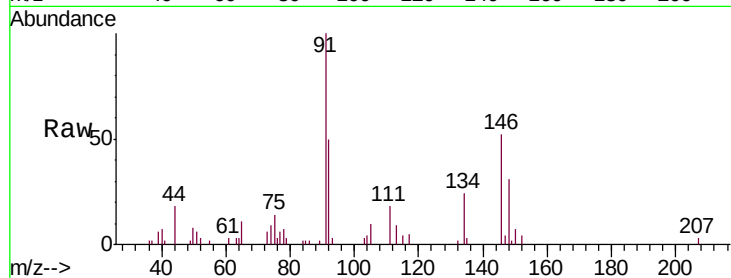




#89
n-Butylbenzene
Concen: 0.848 ug/l
RT: 11.88 min Scan# 3355
Delta R.T. 0.01 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

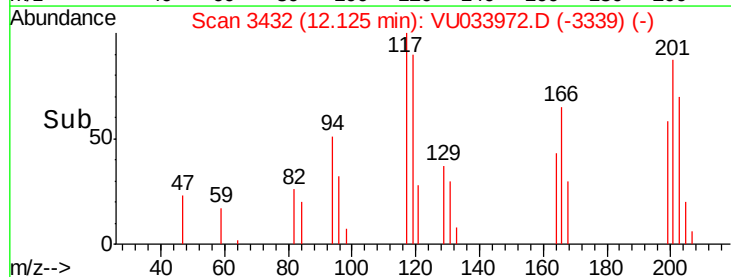
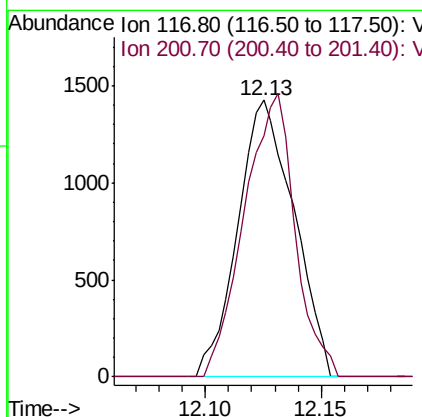
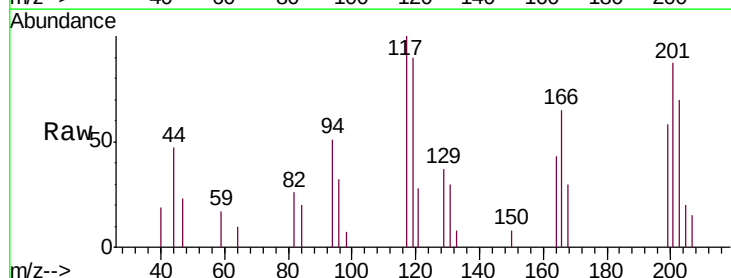
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

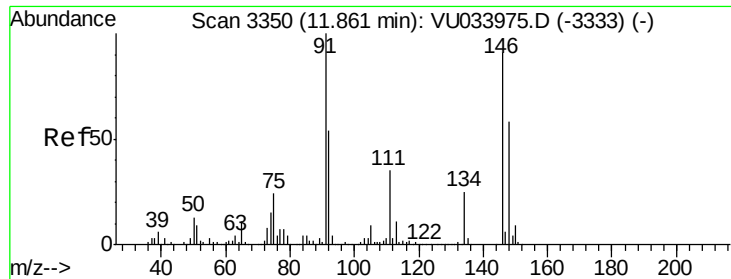
Tgt Ion: 91 Resp: 10433
Ion Ratio Lower Upper
91 100
92 47.2 26.7 80.0
134 23.5 13.6 40.8



#90
Hexachloroethane
Concen: 0.906 ug/l
RT: 12.13 min Scan# 3432
Delta R.T. 0.00 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Tgt Ion: 117 Resp: 2404
Ion Ratio Lower Upper
117 100
201 92.3 47.5 142.5

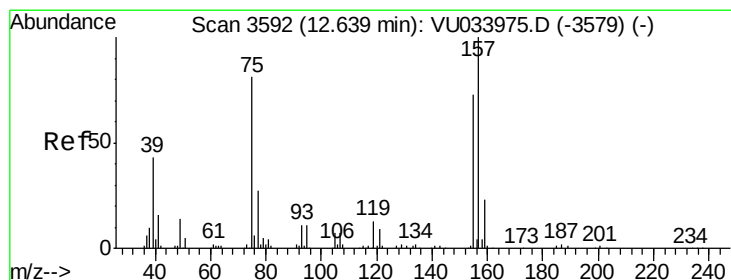
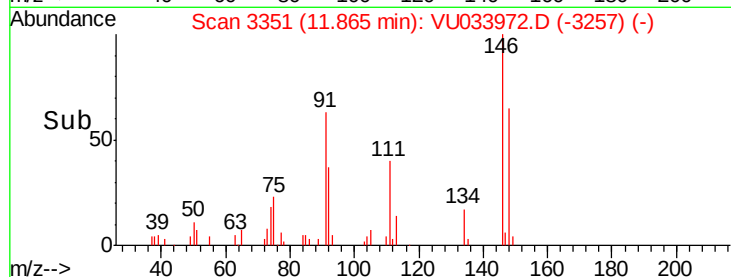
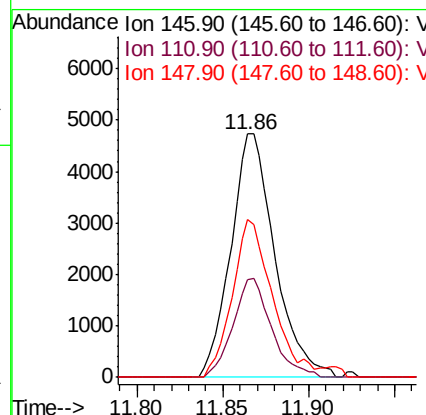
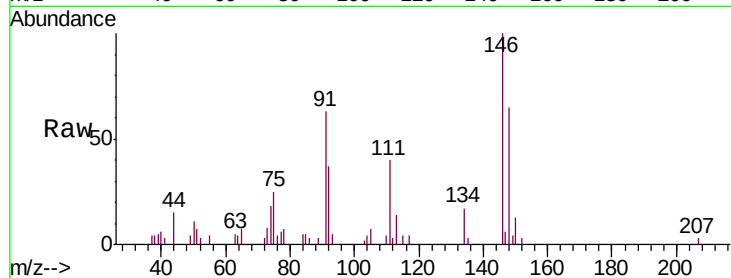




#91
 1,2-Dichlorobenzene
 Concen: 1.144 ug/l
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

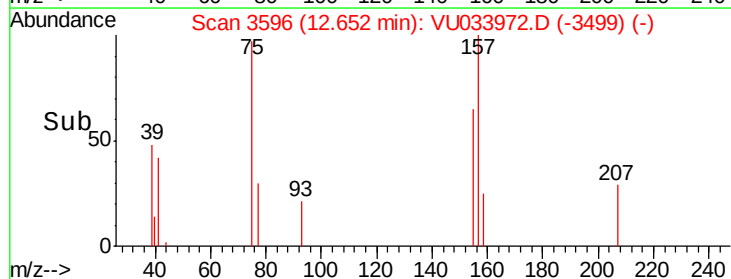
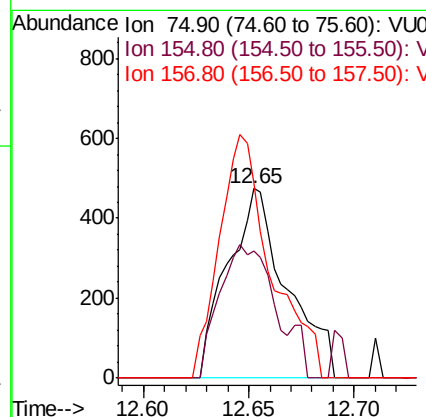
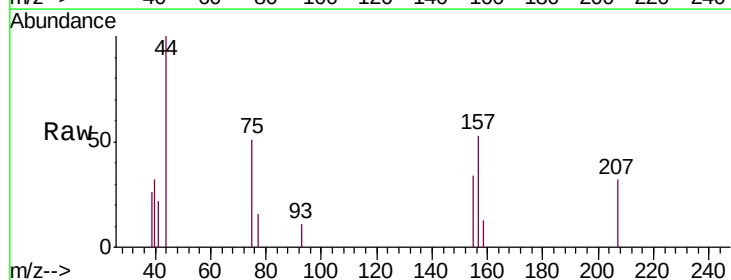
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

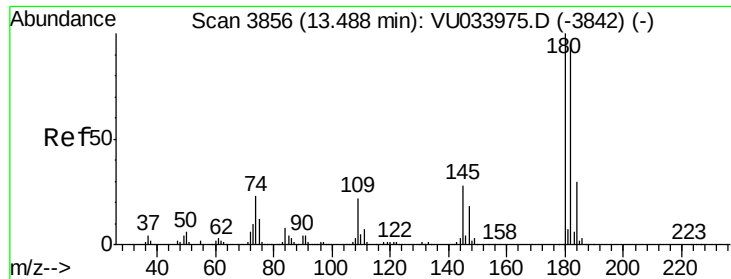
Tgt Ion: 146 Resp: 8441
 Ion Ratio Lower Upper
 146 100
 111 35.4 19.8 59.3
 148 59.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.710 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. 0.01 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

Tgt Ion: 75 Resp: 924
 Ion Ratio Lower Upper
 75 100
 155 67.6 46.9 140.6
 157 111.7 61.2 183.6

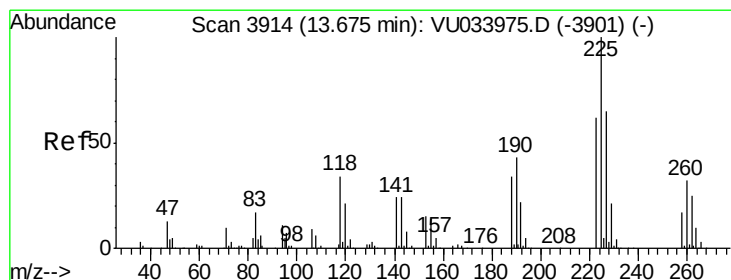
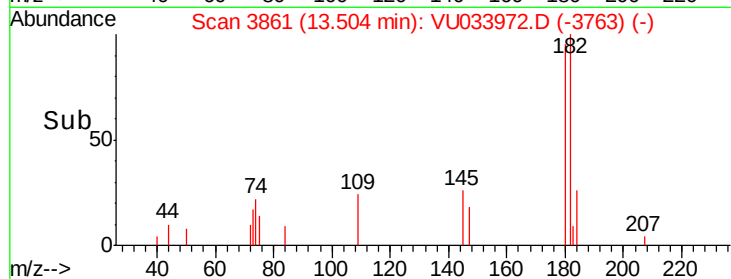
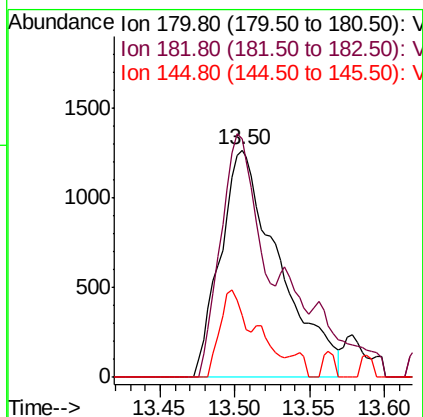
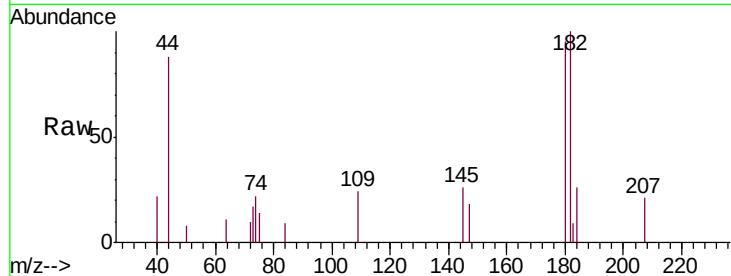




#93
 1,2,4-Trichlorobenzene
 Concen: 0.774 ug/l
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.02 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

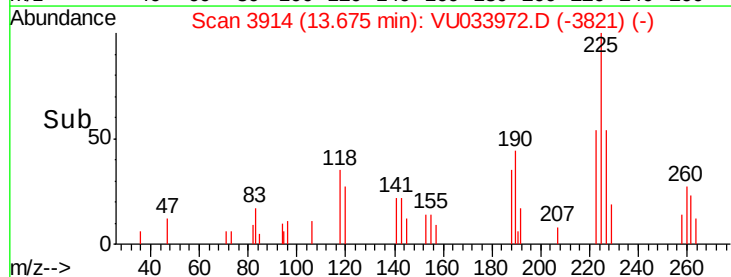
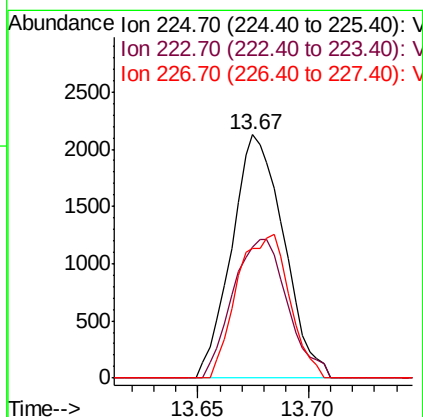
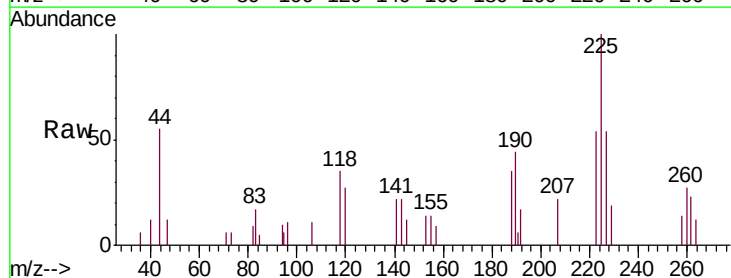
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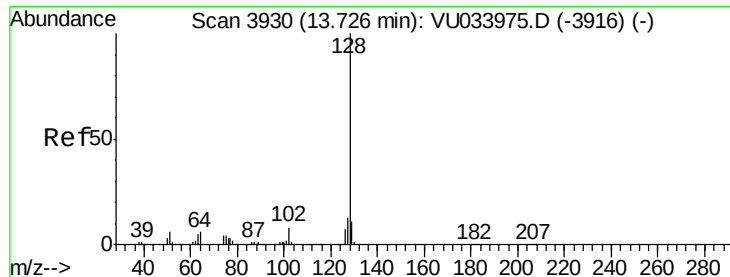
Tgt Ion:180 Resp: 3448
 Ion Ratio Lower Upper
 180 100
 182 71.5 47.4 142.2
 145 16.5 14.4 43.2



#94
 Hexachlorobutadiene
 Concen: 1.241 ug/l
 RT: 13.67 min Scan# 3914
 Delta R.T. 0.00 min
 Lab File: VU033972.D
 Acq: 27 Aug 2019 14:19

Tgt Ion:225 Resp: 3480
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.7 95.1
 227 59.4 33.0 99.0

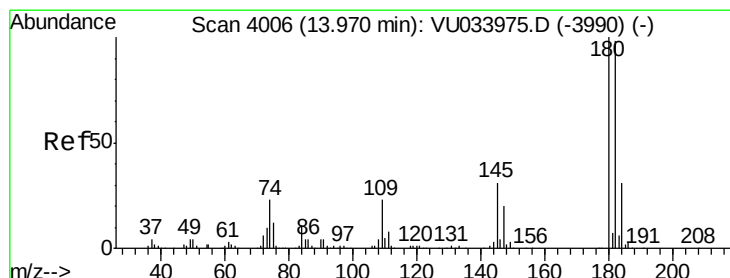
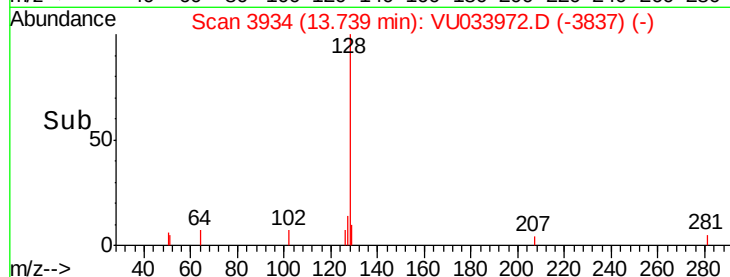
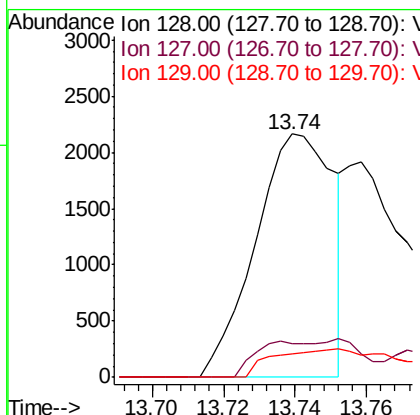
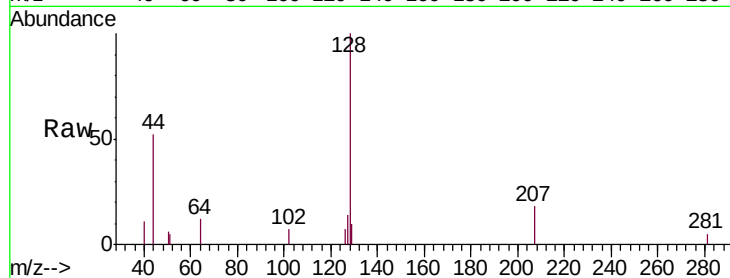




#95
Naphthalene
Concen: 0.268 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.01 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 3270
Ion Ratio Lower Upper
128 100
127 11.2 10.2 15.4
129 18.4 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 0.836 ug/l
RT: 13.99 min Scan# 4011
Delta R.T. 0.02 min
Lab File: VU033972.D
Acq: 27 Aug 2019 14:19

Tgt Ion:180 Resp: 3743
Ion Ratio Lower Upper
180 100
182 76.3 48.4 145.3
145 31.3 15.1 45.3

