

Data File : VU033974.D
Acq On : 27 Aug 2019 15:30
Operator : JC/SP
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Quant Time: Aug 28 02:01:45 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	340837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	504784	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	484608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	259415	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	77614	16.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	32.62%	
35) Dibromofluoromethane	4.86	113	68632	19.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.62%	
50) Toluene-d8	7.55	98	263351	20.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.14%	
62) 4-Bromofluorobenzene	10.29	95	93642	18.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	74693	19.331	ug/l	99
3) Chloromethane	1.32	50	82032	17.740	ug/l	99
4) Vinyl Chloride	1.40	62	71372	14.225	ug/l	97
5) Bromomethane	1.61	94	41981	15.275	ug/l	99
6) Chloroethane	1.68	64	41748	13.231	ug/l	96
7) Trichlorofluoromethane	1.87	101	93018	15.243	ug/l	99
8) Diethyl Ether	2.09	74	33830	13.082	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.27	101	58906	16.431	ug/l	99
10) Methyl Iodide	2.40	142	88477	22.147	ug/l	99
11) Tert butyl alcohol	2.81	59	94354	94.165	ug/l #	88
12) 1,1-Dichloroethene	2.27	96	61020	16.587	ug/l	97
13) Acrolein	2.18	56	30505	56.120	ug/l	100
14) Allyl chloride	2.58	41	106686	16.103	ug/l	98
15) Acrylonitrile	2.92	53	207878	81.138	ug/l	98
16) Acetone	2.31	43	180344	65.313	ug/l	99
17) Carbon Disulfide	2.46	76	194065	16.062	ug/l	99
18) Methyl Acetate	2.60	43	92105	14.926	ug/l	100
19) Methyl tert-butyl Ether	2.98	73	207870	17.734	ug/l	99
20) Methylene Chloride	2.68	84	77550	17.061	ug/l	99
21) trans-1,2-Dichloroethene	2.96	96	70322	17.366	ug/l	97
22) Diisopropyl ether	3.55	45	205196	16.390	ug/l	99
23) Vinyl Acetate	3.50	43	872045	84.551	ug/l	99
24) 1,1-Dichloroethane	3.42	63	126359	16.274	ug/l	100
25) 2-Butanone	4.24	43	270973	76.047	ug/l	100
26) 2,2-Dichloropropane	4.20	77	105051	16.625	ug/l	100
27) cis-1,2-Dichloroethene	4.20	96	77396	17.766	ug/l	100
28) Bromochloromethane	4.52	49	56556	14.877	ug/l	100
29) Tetrahydrofuran	4.62	42	169845	79.084	ug/l	99
30) Chloroform	4.65	83	126951	16.383	ug/l	99
31) Cyclohexane	4.97	56	114822	16.913	ug/l	96
32) 1,1,1-Trichloroethane	4.89	97	111158	17.476	ug/l	99
36) 1,1-Dichloropropene	5.12	75	90832	17.820	ug/l	97
37) Ethyl Acetate	4.36	43	98019	16.556	ug/l	100
38) Carbon Tetrachloride	5.11	117	98403	19.168	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	111442	19.622	ug/l	99
40) Benzene	5.37	78	289633	19.104	ug/l	98
41) Methacrylonitrile	4.52	41	51964	17.494	ug/l	98
42) 1,2-Dichloroethane	5.38	62	98430	17.764	ug/l	99
43) Isopropyl Acetate	5.53	43	147899	17.080	ug/l	100
44) Trichloroethene	6.17	130	79795	19.927	ug/l	97
45) 1,2-Dichloropropane	6.41	63	77431	18.520	ug/l	99
46) Dibromomethane	6.54	93	51968	19.158	ug/l	98
47) Bromodichloromethane	6.74	83	99395	18.264	ug/l	97
48) Methyl methacrylate	6.60	41	69414	17.840	ug/l	100
49) 1,4-Dioxane	6.59	88	38864	422.975	ug/l #	99
51) 4-Methyl-2-Pentanone	7.44	43	512964	87.469	ug/l	100
52) Toluene	7.62	92	179826	20.307	ug/l	97
53) t-1,3-Dichloropropene	7.86	75	107356	19.044	ug/l	96
54) cis-1,3-Dichloropropene	7.25	75	118554	18.877	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	73753	18.994	ug/l	99
56) Ethyl methacrylate	8.00	69	105600	20.019	ug/l	98
57) 1,3-Dichloropropane	8.22	76	124292	18.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	174965	92.918	ug/l	98
59) 2-Hexanone	8.34	43	396196	88.591	ug/l	99
60) Dibromochloromethane	8.46	129	84724	20.672	ug/l	97
61) 1,2-Dibromoethane	8.57	107	80469	19.937	ug/l	97
64) Tetrachloroethene	8.21	164	84155	23.520	ug/l	97
65) Chlorobenzene	9.10	112	203728	20.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	75710	20.391	ug/l	98
67) Ethyl Benzene	9.23	91	344003	21.063	ug/l	99
68) m/p-Xylenes	9.36	106	275168	45.513	ug/l	99
69) o-Xylene	9.76	106	127408	22.032	ug/l	98
70) Styrene	9.77	104	225018	22.526	ug/l	100
71) Bromoform	9.94	173	65631	20.911	ug/l #	98
73) Isopropylbenzene	10.15	105	350595	21.920	ug/l	100
74) N-amyl acetate	10.00	43	126325	18.808	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	121816	18.191	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	138499	23.493	ug/l	84
77) Bromobenzene	10.43	156	96738	22.411	ug/l	99
78) n-propylbenzene	10.57	91	397683	21.020	ug/l	99
79) 2-Chlorotoluene	10.64	91	242492	21.364	ug/l	99
80) 1,3,5-Trimethylbenzene	10.76	105	306957	22.432	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.48	75	138499	64.284	ug/l #	100
82) 4-Chlorotoluene	10.76	91	273638	20.543	ug/l	100
83) tert-Butylbenzene	11.08	119	286539	22.363	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	302665	22.765	ug/l	99
85) sec-Butylbenzene	11.30	105	348833	21.792	ug/l	100
86) p-Isopropyltoluene	11.46	119	328059	22.485	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	168698	20.735	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	169654	20.193	ug/l	99
89) n-Butylbenzene	11.87	91	268053	20.593	ug/l	98
90) Hexachloroethane	12.12	117	51067	18.193	ug/l	97
91) 1,2-Dichlorobenzene	11.86	146	168455	21.581	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	25060	18.197	ug/l	99

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

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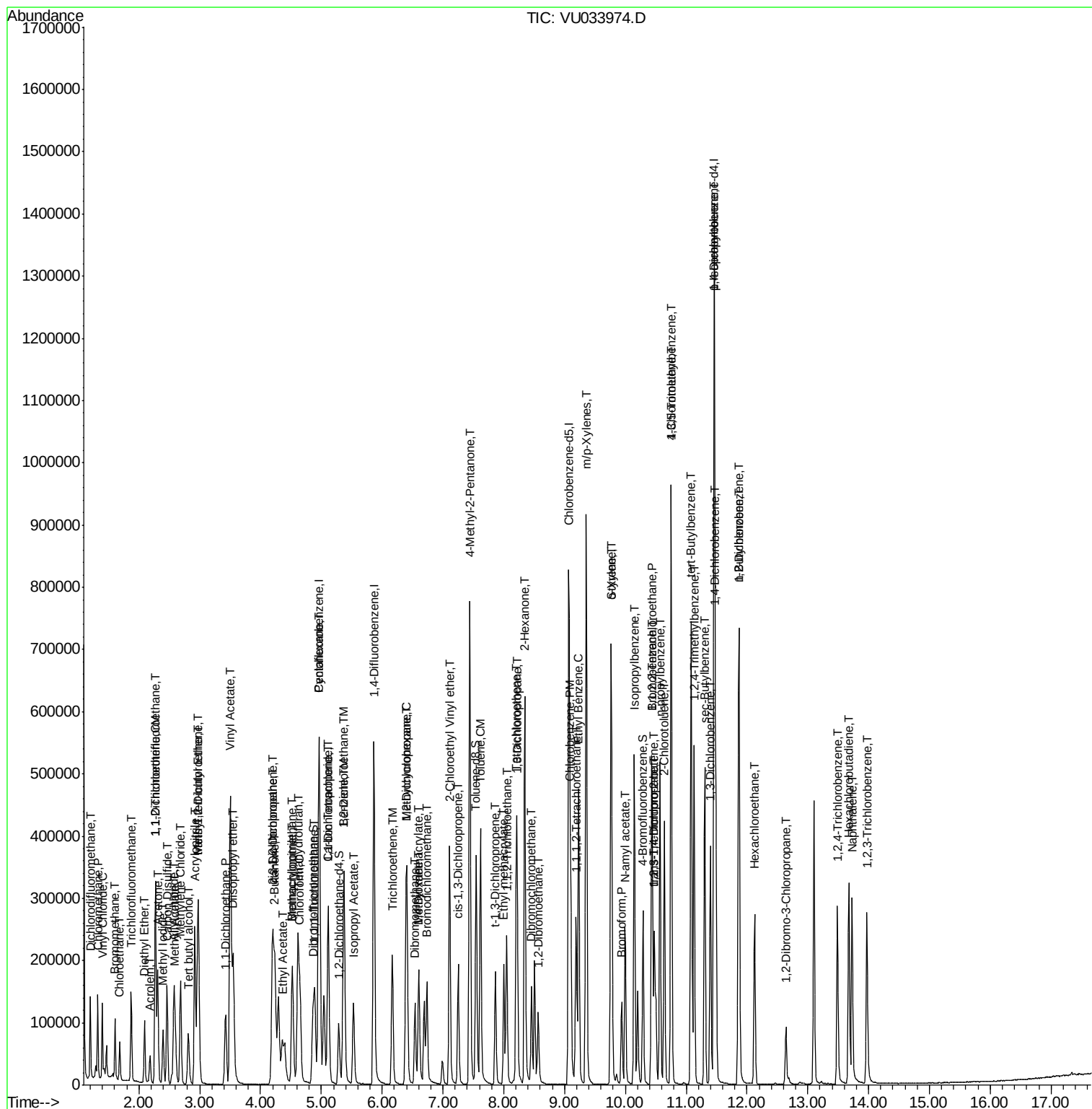
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	103950	22.059	ug/l	99
94) Hexachlorobutadiene	13.68	225	68749	23.163	ug/l	98
95) Naphthalene	13.73	128	271773	21.080	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	103937	21.942	ug/l	99

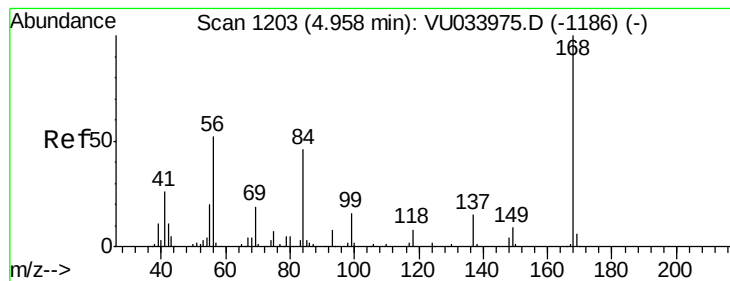
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

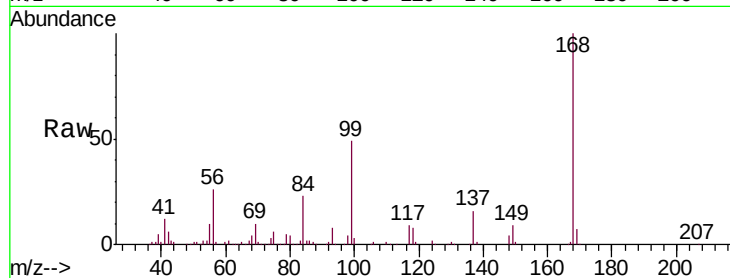
VSTDIC020

Tgt Ion:168 Resp: 340837

Ion Ratio Lower Upper

168 100

99 48.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033974.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033974.D (-1186) (-)

4.96

150000

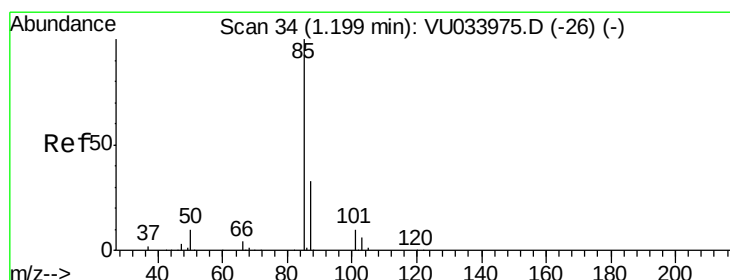
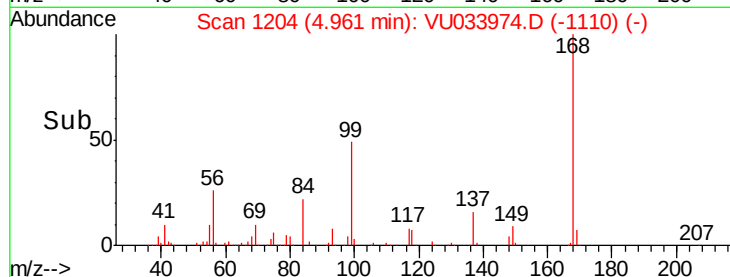
100000

50000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.331 ug/l

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU033974.D

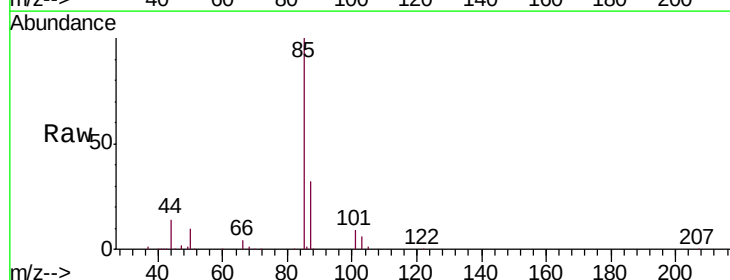
Acq: 27 Aug 2019 15:30

Tgt Ion: 85 Resp: 74693

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VU033974.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU033974.D (-1) (-)

1.20

80000

60000

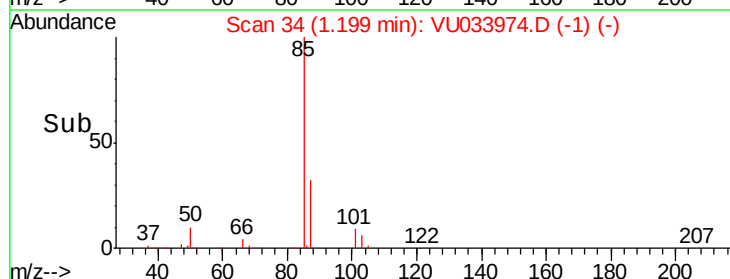
40000

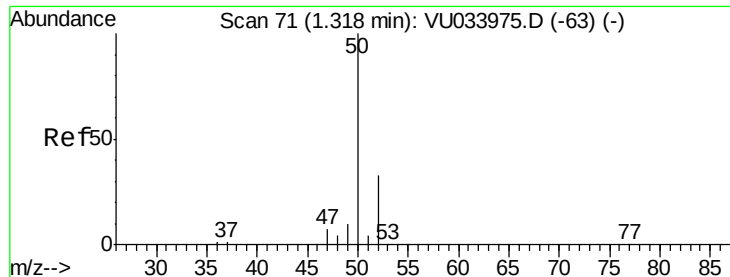
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.740 ug/l

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

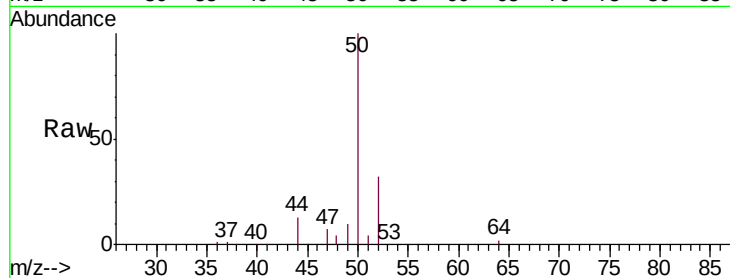
VSTDIC020

Tgt Ion: 50 Resp: 82032

Ion Ratio Lower Upper

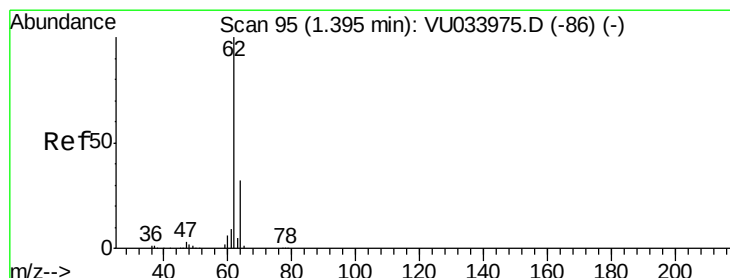
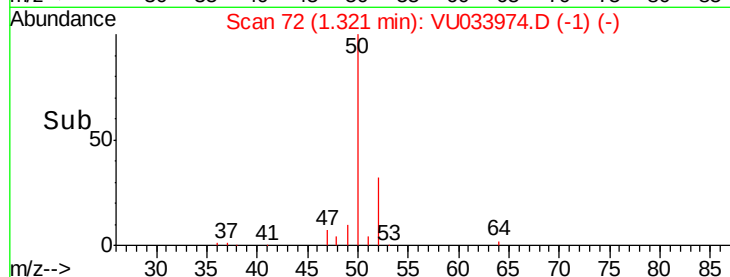
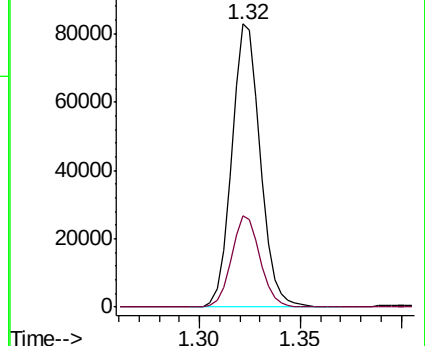
50 100

52 32.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VU033975.D (-63) (-)

Ion 51.90 (51.60 to 52.60): VU033974.D (-1) (-)



#4

Vinyl Chloride

Concen: 14.225 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU033974.D

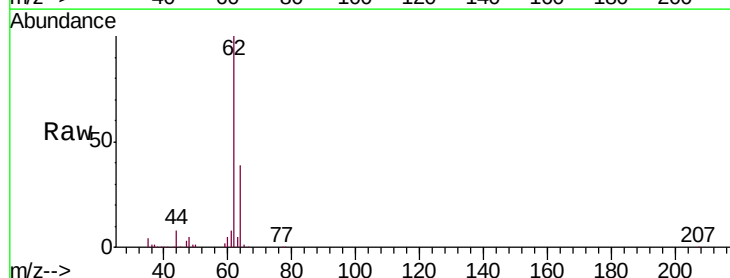
Acq: 27 Aug 2019 15:30

Tgt Ion: 62 Resp: 71372

Ion Ratio Lower Upper

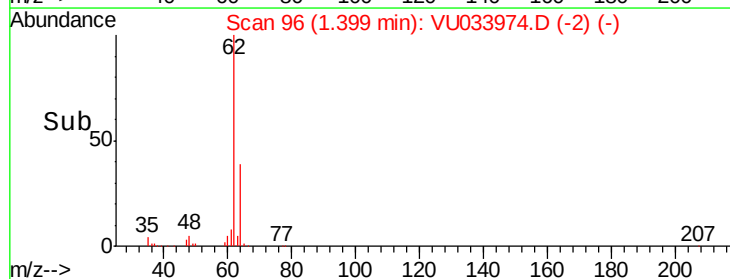
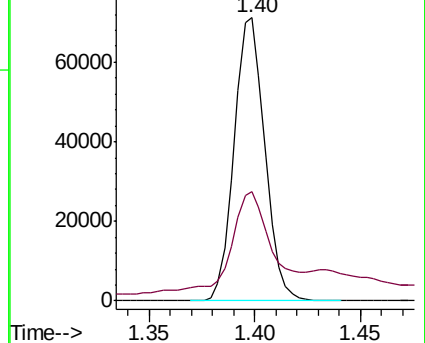
62 100

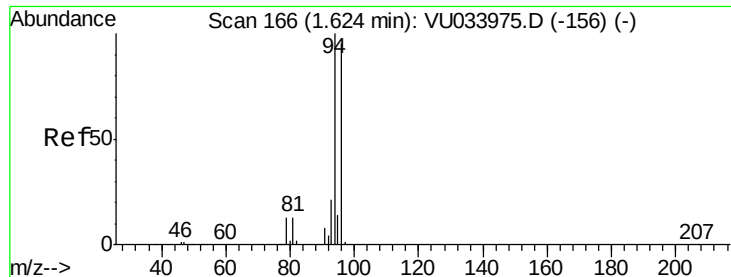
64 34.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VU033975.D (-86) (-)

Ion 63.90 (63.60 to 64.60): VU033974.D (-2) (-)





#5

Bromomethane

Concen: 15.275 ug/l

RT: 1.61 min Scan# 161

Delta R.T. -0.02 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

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ClientSampleId :

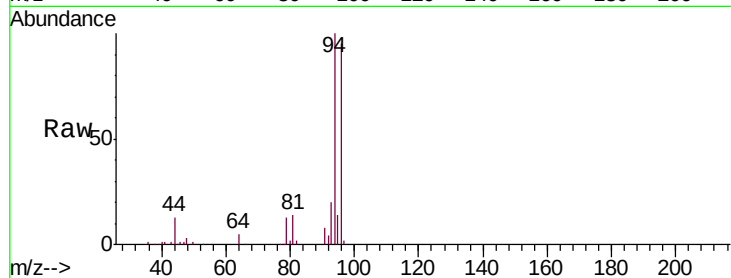
VSTDIC020

Tgt Ion: 94 Resp: 41981

Ion Ratio Lower Upper

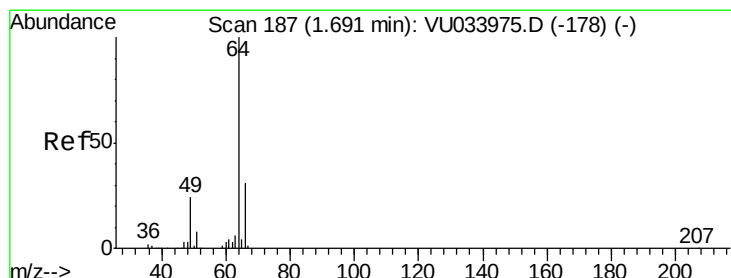
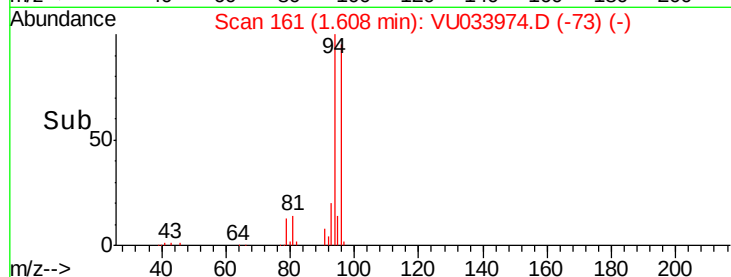
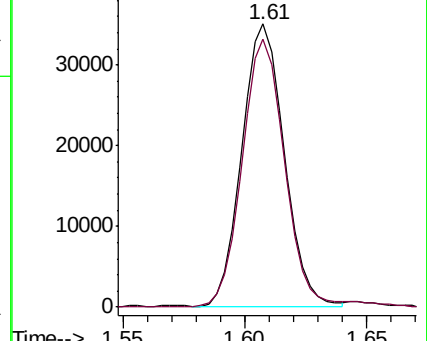
94 100

96 94.6 76.3 114.5



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

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



#6

Chloroethane

Concen: 13.231 ug/l

RT: 1.68 min Scan# 185

Delta R.T. -0.01 min

Lab File: VU033974.D

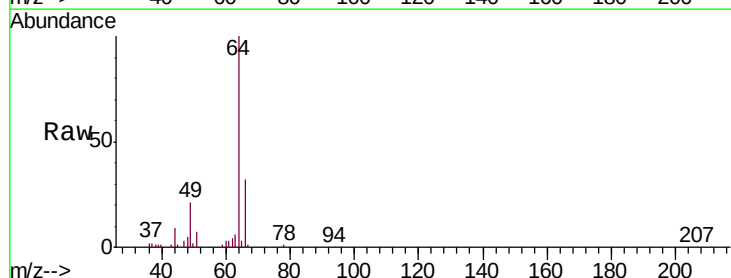
Acq: 27 Aug 2019 15:30

Tgt Ion: 64 Resp: 41748

Ion Ratio Lower Upper

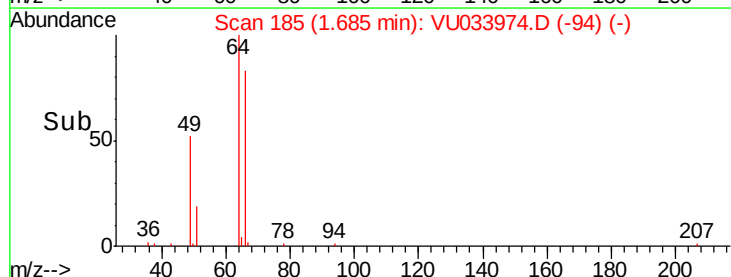
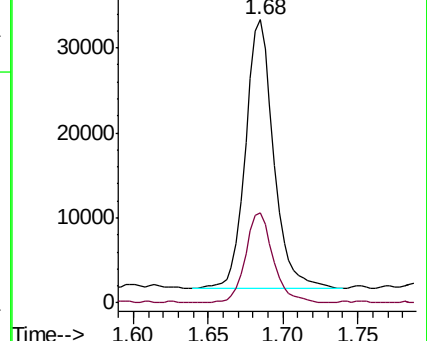
64 100

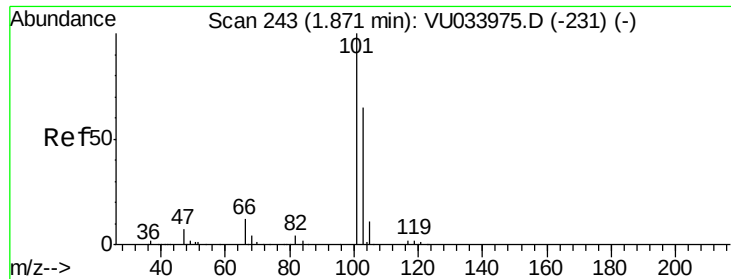
66 33.3 24.9 37.3



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

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



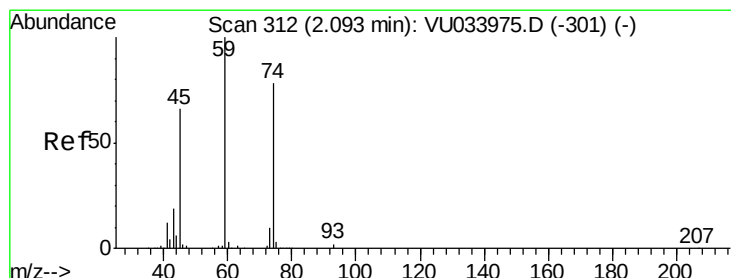
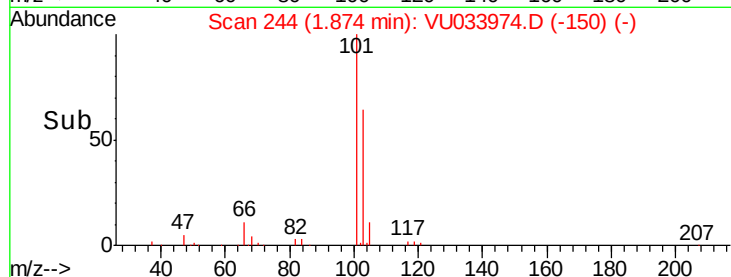
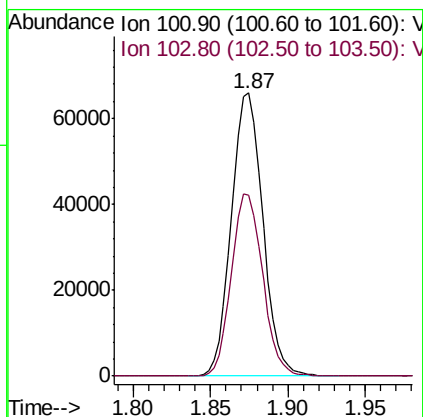
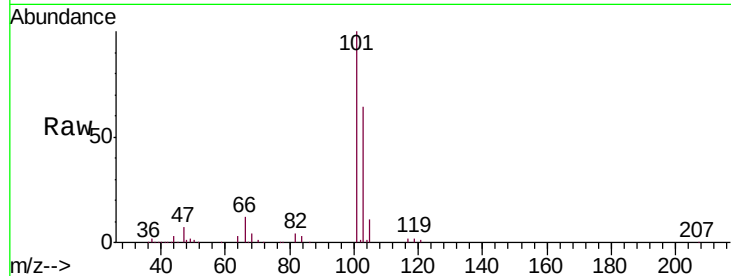


#7

Trichlorofluoromethane
 Concen: 15.243 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: VU033974.D
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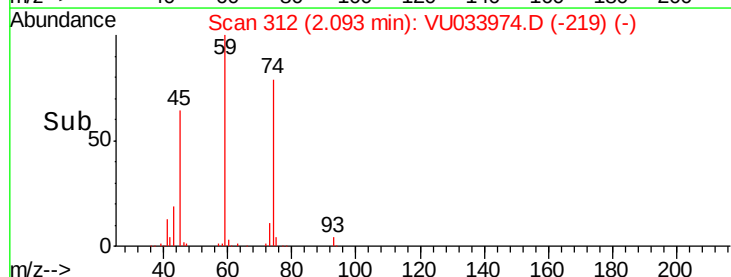
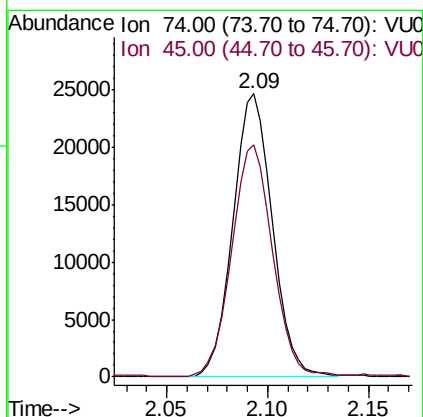
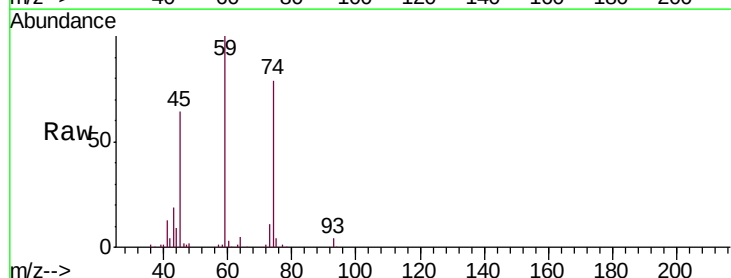
Tgt Ion: 101 Resp: 93018
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.0 78.0

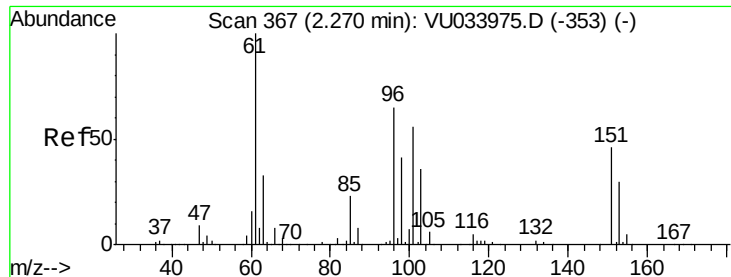


#8

Diethyl Ether
 Concen: 13.082 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

Tgt Ion: 74 Resp: 33830
 Ion Ratio Lower Upper
 74 100
 45 85.5 42.8 128.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.431 ug/l

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU033974.D

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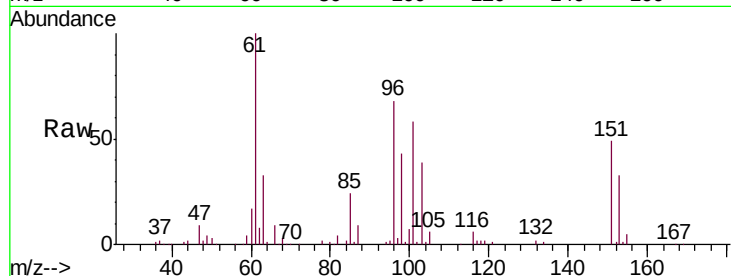
Tgt Ion:101 Resp: 58906

Ion Ratio Lower Upper

101 100

85 41.1 33.4 50.0

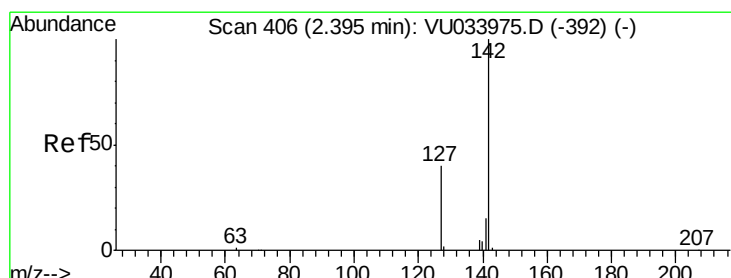
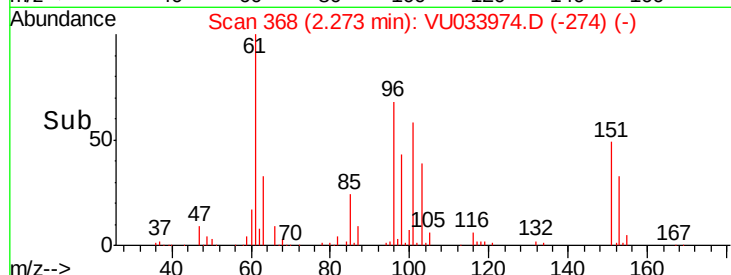
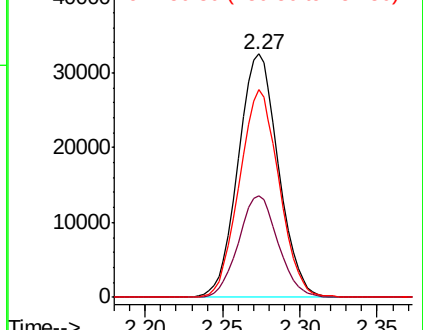
151 84.1 67.6 101.4



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: 22.147 ug/l

RT: 2.40 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

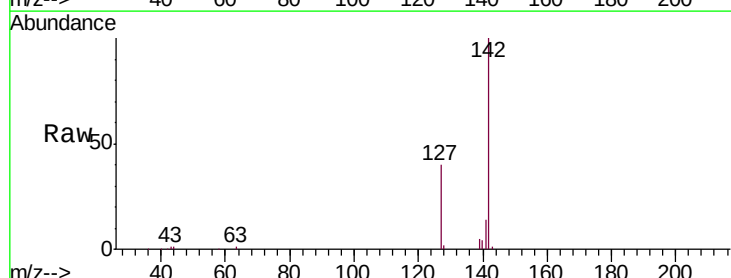
Tgt Ion:142 Resp: 88477

Ion Ratio Lower Upper

142 100

127 39.4 32.2 48.2

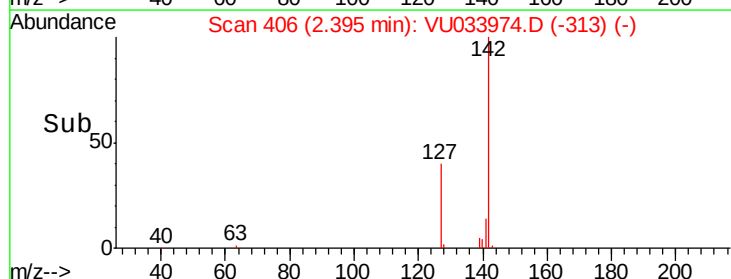
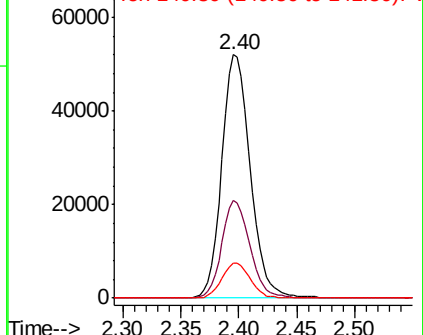
141 14.2 11.8 17.8

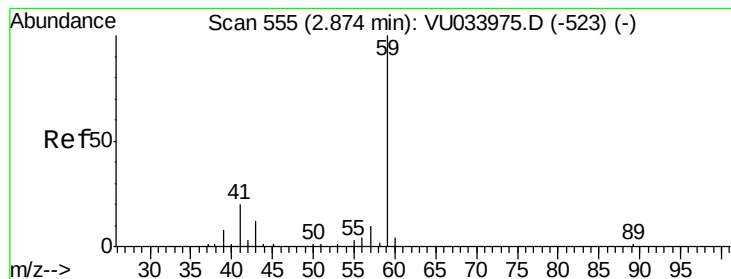


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.165 ug/l

RT: 2.81 min Scan# 535

Delta R.T. -0.06 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

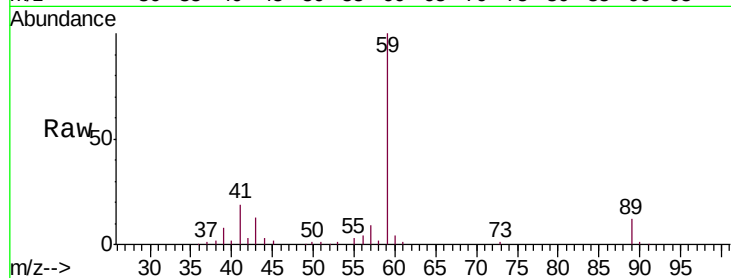
VSTDIC020

Tgt Ion: 59 Resp: 94354

Ion Ratio Lower Upper

59 100

57 8.9 3.9 5.9#

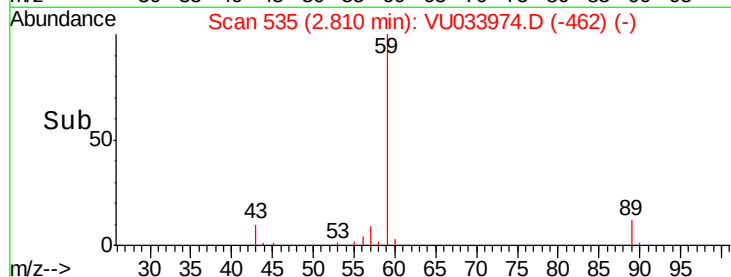


Abundance Ion 59.00 (58.70 to 59.70): VU033975.D (-523) (-)

Ion 57.00 (56.70 to 57.70): VU033975.D (-523) (-)

2.81

Time-->

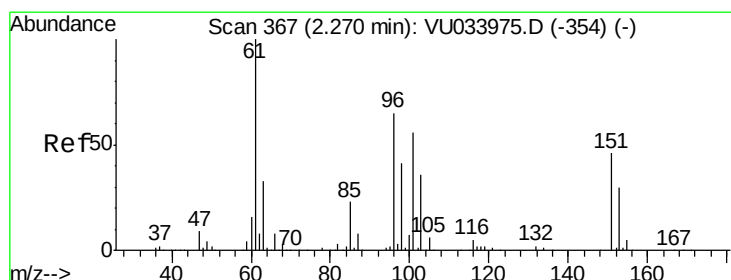


Abundance Ion 59.00 (58.70 to 59.70): VU033974.D (-462) (-)

Ion 57.00 (56.70 to 57.70): VU033974.D (-462) (-)

2.81

Time-->



#12

1,1-Dichloroethene

Concen: 16.587 ug/l

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

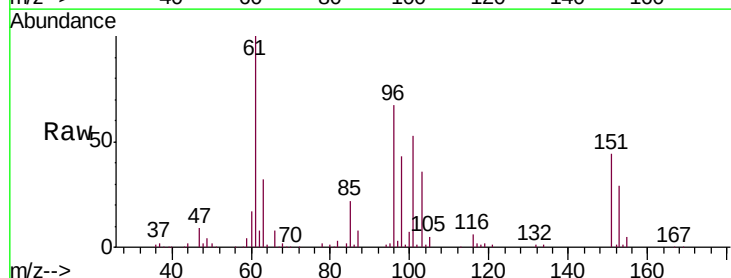
Tgt Ion: 96 Resp: 61020

Ion Ratio Lower Upper

96 100

61 149.9 123.3 184.9

98 64.0 50.5 75.7



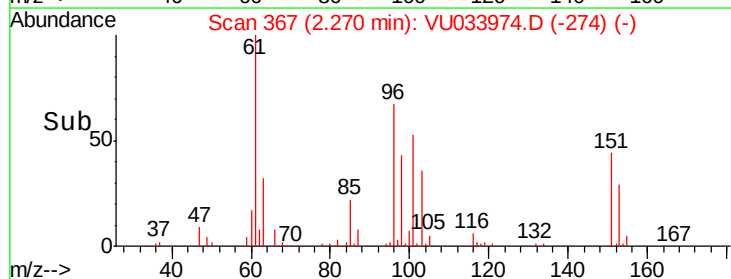
Abundance Ion 95.90 (95.60 to 96.60): VU033975.D (-354) (-)

Ion 60.90 (60.60 to 61.60): VU033975.D (-354) (-)

Ion 97.90 (97.60 to 98.60): VU033975.D (-354) (-)

2.27

Time-->



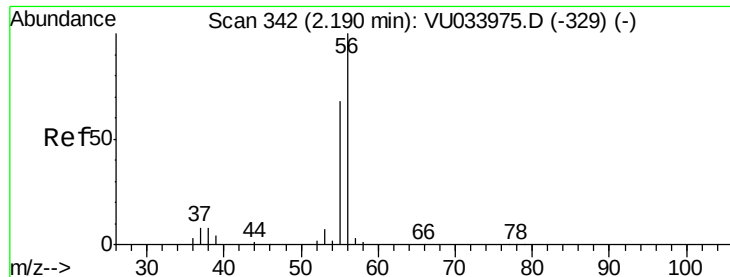
Abundance Ion 95.90 (95.60 to 96.60): VU033974.D (-274) (-)

Ion 60.90 (60.60 to 61.60): VU033974.D (-274) (-)

Ion 97.90 (97.60 to 98.60): VU033974.D (-274) (-)

2.27

Time-->



#13

Acrolein

Concen: 56.120 ug/l

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

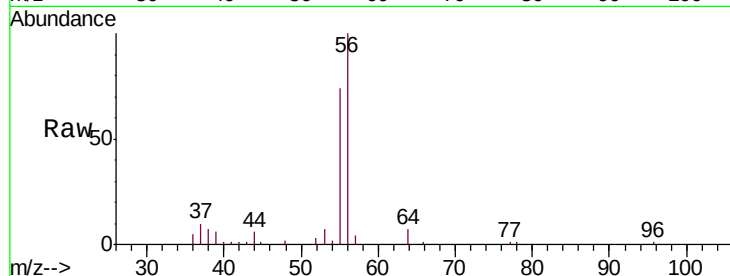
VSTDIC020

Tgt Ion: 56 Resp: 30505

Ion Ratio Lower Upper

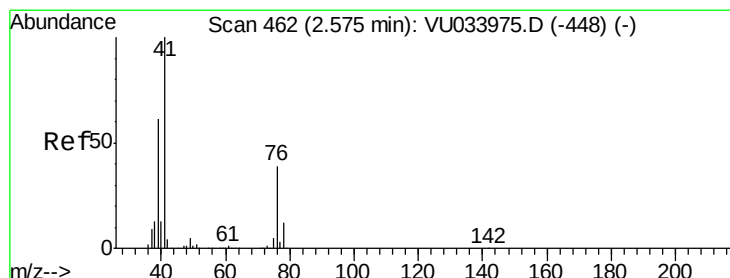
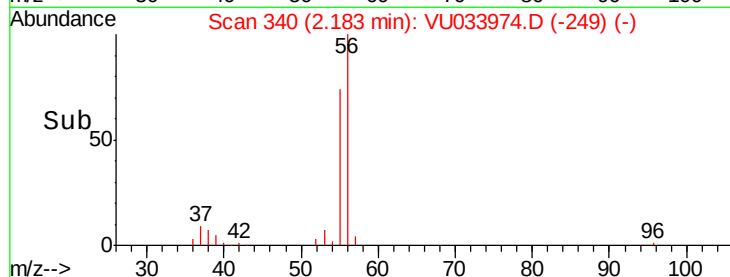
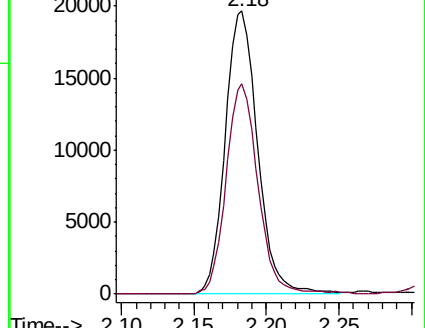
56 100

55 72.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VU033974.D (-329) (-)

Ion 55.00 (54.70 to 55.70): VU033974.D (-329) (-)



#14

Allyl chloride

Concen: 16.103 ug/l

RT: 2.58 min Scan# 463

Delta R.T. 0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

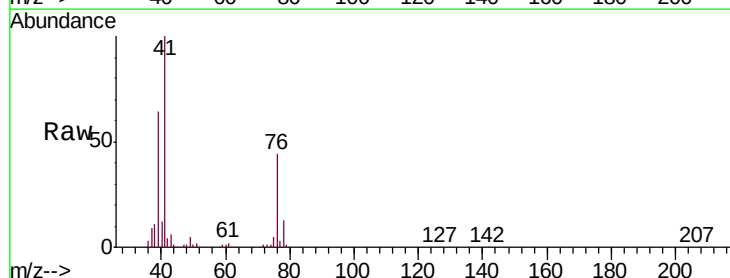
Tgt Ion: 41 Resp: 106686

Ion Ratio Lower Upper

41 100

39 58.4 45.9 68.9

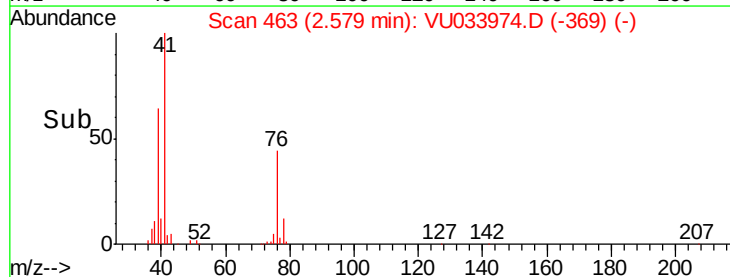
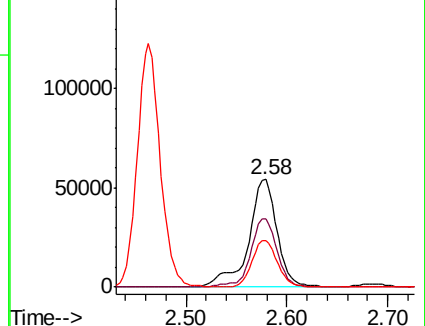
76 38.2 29.4 44.2

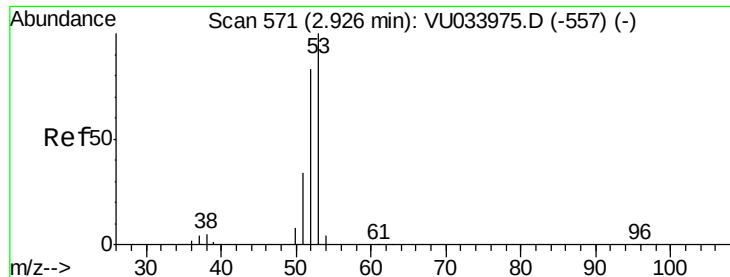


Abundance Ion 41.00 (40.70 to 41.70): VU033974.D (-369) (-)

Ion 39.00 (38.70 to 39.70): VU033974.D (-369) (-)

Ion 75.90 (75.60 to 76.60): VU033974.D (-369) (-)





#15

Acrylonitrile

Concen: 81.138 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.01 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

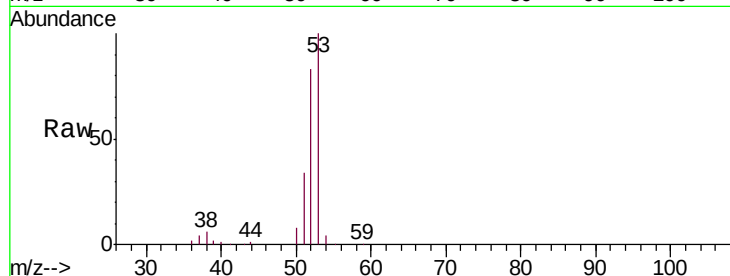
Tgt Ion: 53 Resp: 207878

Ion Ratio Lower Upper

53 100

52 81.6 66.7 100.1

51 33.6 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VU033974.D (-557) (-)

Ion 52.00 (51.70 to 52.70): VU033974.D (-557) (-)

Ion 51.00 (50.70 to 51.70): VU033974.D (-557) (-)

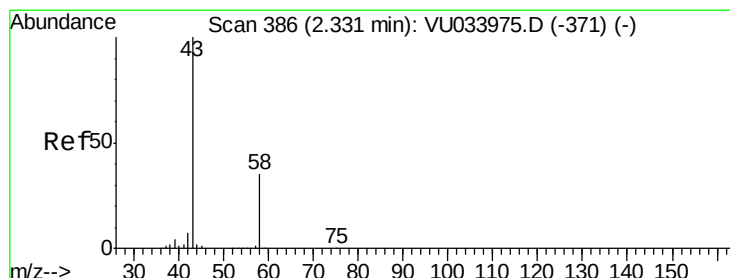
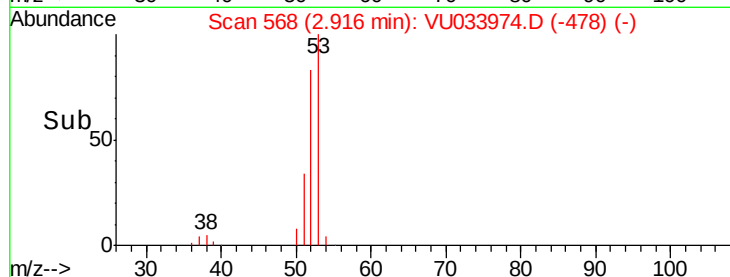
2.92

100000

50000

0

Time-->



#16

Acetone

Concen: 65.313 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033974.D

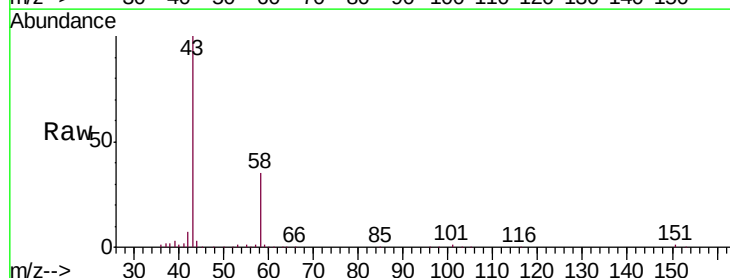
Acq: 27 Aug 2019 15:30

Tgt Ion: 43 Resp: 180344

Ion Ratio Lower Upper

43 100

58 34.7 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VU033974.D (-293) (-)

Ion 58.00 (57.70 to 58.70): VU033974.D (-293) (-)

2.31

120000

100000

80000

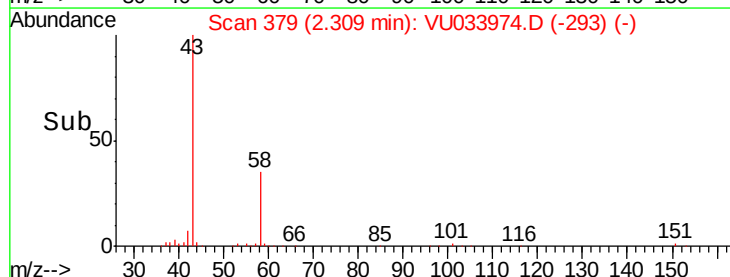
60000

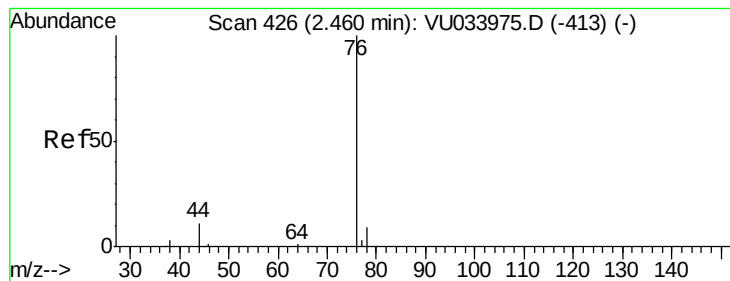
40000

20000

0

Time-->





#17

Carbon Disulfide

Concen: 16.062 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

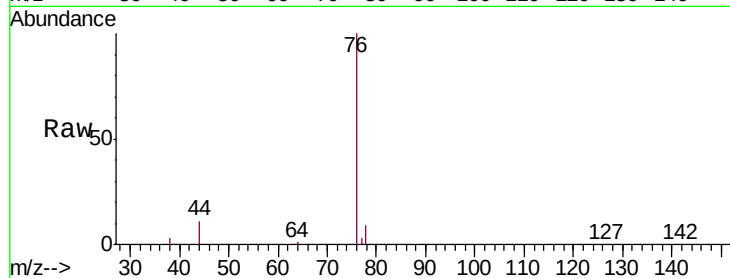
VSTDIC020

Tgt Ion: 76 Resp: 194065

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3



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

Ion 77.90 (77.60 to 78.60): VU033975.D (-413) (-)

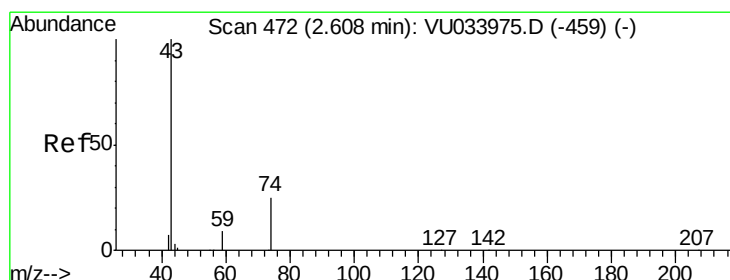
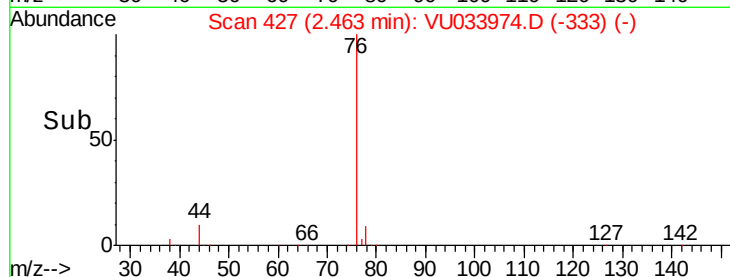
2.46

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 14.926 ug/l

RT: 2.60 min Scan# 470

Delta R.T. -0.01 min

Lab File: VU033974.D

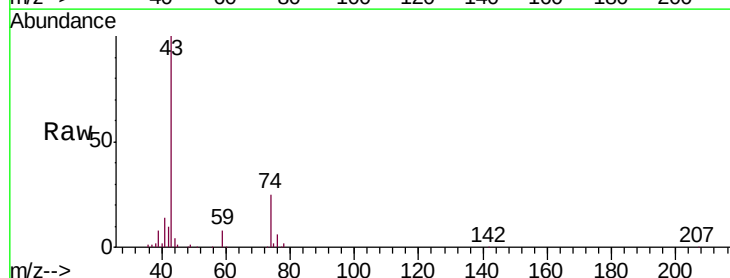
Acq: 27 Aug 2019 15:30

Tgt Ion: 43 Resp: 92105

Ion Ratio Lower Upper

43 100

74 25.6 20.5 30.7



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

Ion 74.00 (73.70 to 74.70): VU033975.D (-459) (-)

2.60

60000

50000

40000

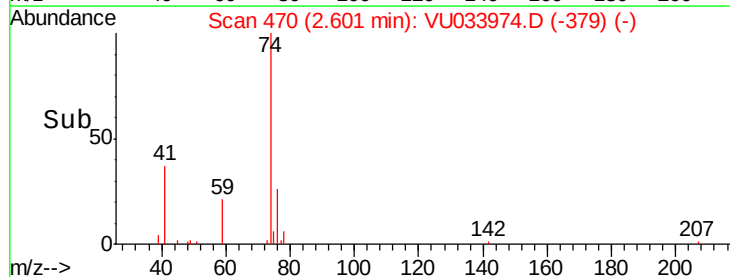
30000

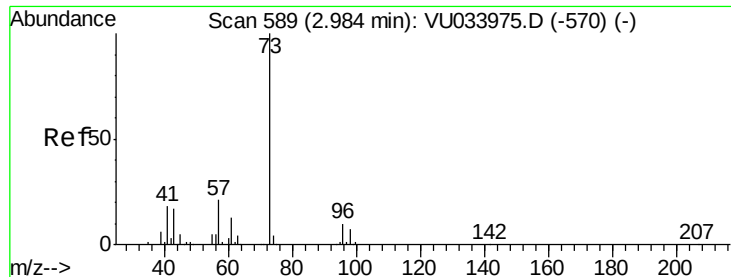
20000

10000

0

Time-->



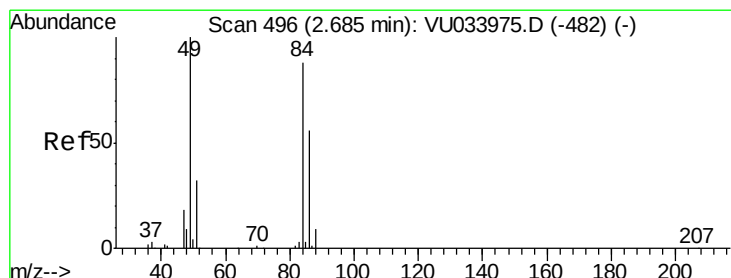
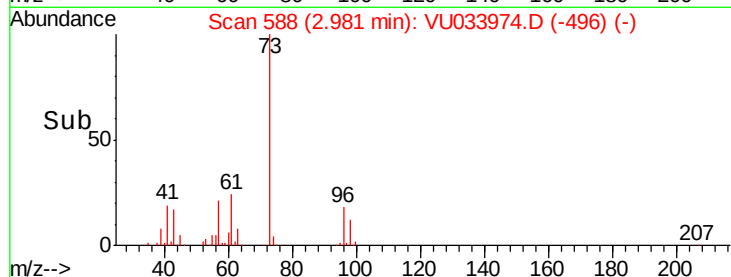
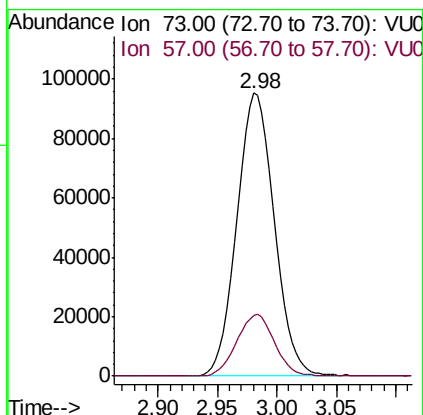
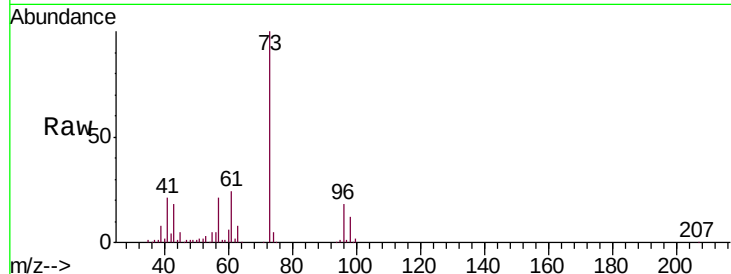


#19

Methyl tert-butyl Ether
 Concen: 17.734 ug/l
 RT: 2.98 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

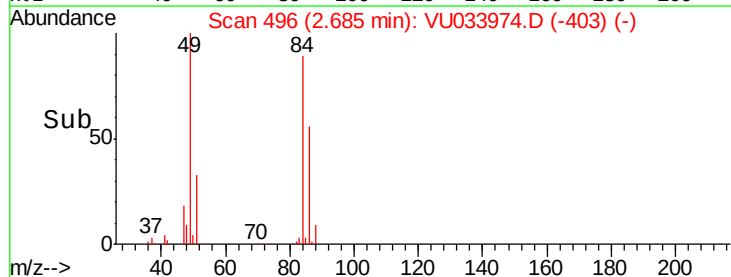
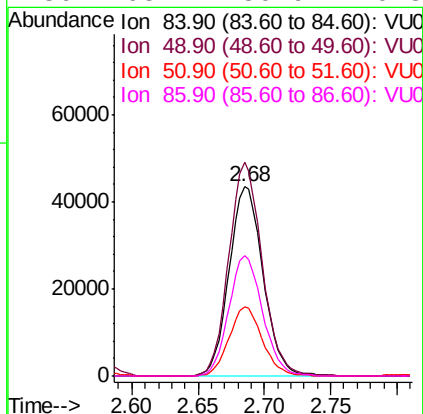
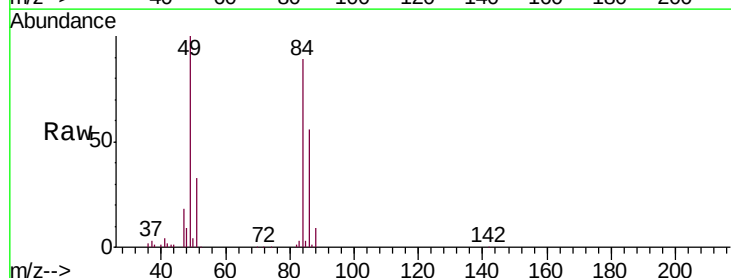
Tgt Ion: 73 Resp: 207870
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.5 26.3

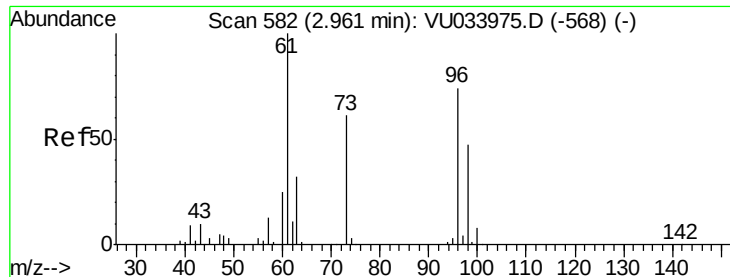


#20

Methylene Chloride
 Concen: 17.061 ug/l
 RT: 2.68 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

Tgt Ion: 84 Resp: 77550
 Ion Ratio Lower Upper
 84 100
 49 112.8 91.3 136.9
 51 36.8 28.9 43.3
 86 63.7 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 17.366 ug/l

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

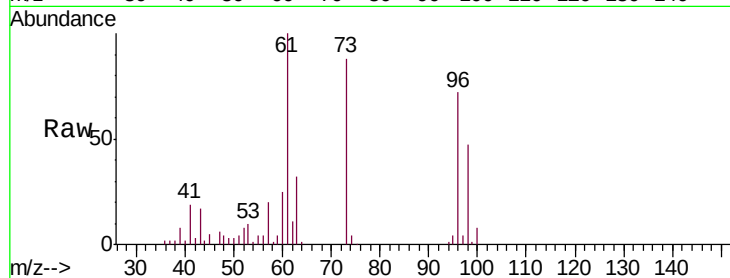
Tgt Ion: 96 Resp: 70322

Ion Ratio Lower Upper

96 100

61 138.3 108.2 162.2

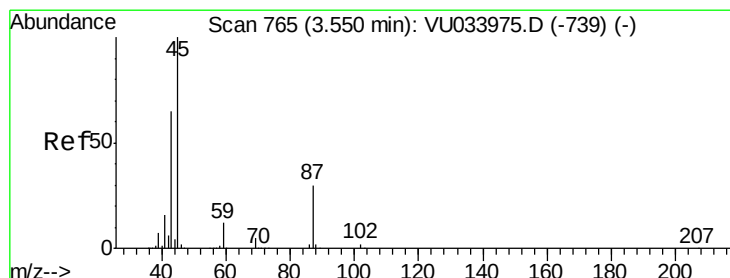
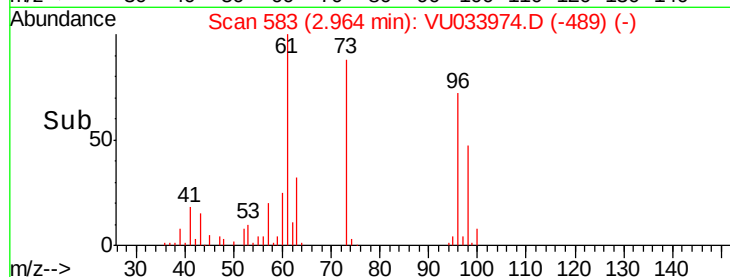
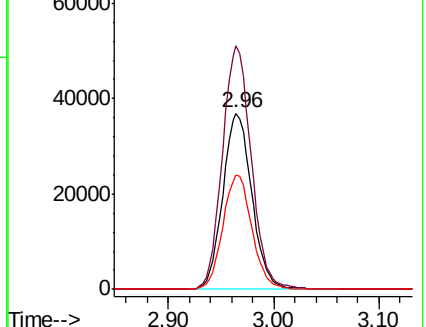
98 64.9 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VU033974.D (-568) (-)

Ion 60.90 (60.60 to 61.60): VU033974.D (-568) (-)

Ion 97.90 (97.60 to 98.60): VU033974.D (-568) (-)



#22

Diisopropyl ether

Concen: 16.390 ug/l

RT: 3.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Tgt Ion: 45 Resp: 205196

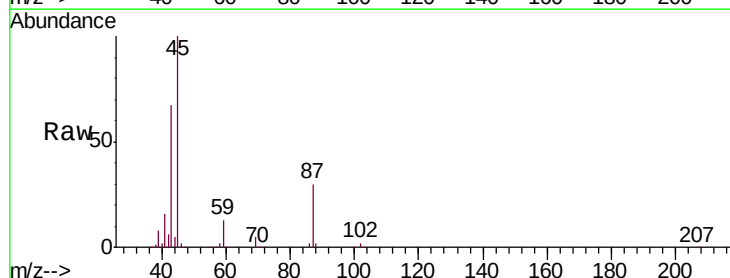
Ion Ratio Lower Upper

45 100

43 64.6 51.6 77.4

87 29.9 24.4 36.6

59 12.8 9.8 14.6

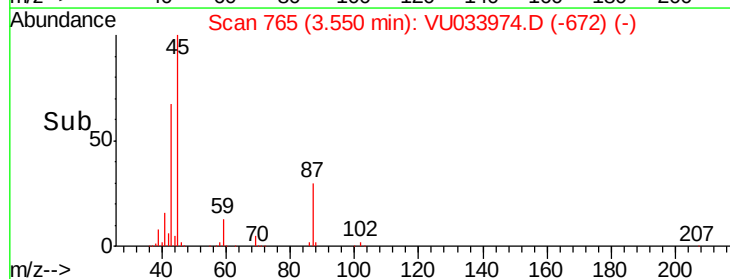
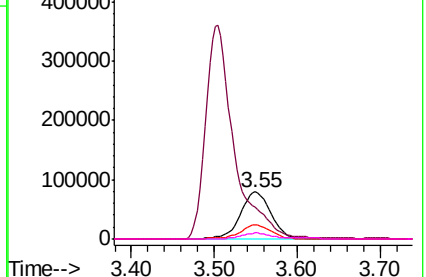


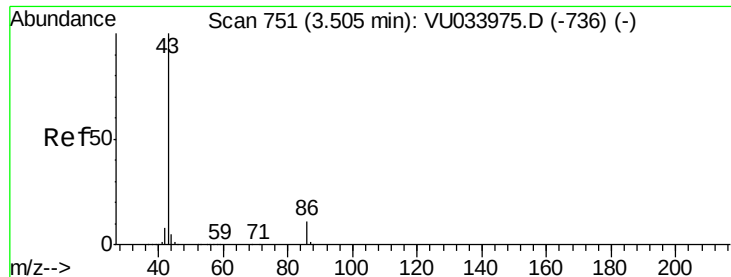
Abundance Ion 45.00 (44.70 to 45.70): VU033974.D (-739) (-)

Ion 43.00 (42.70 to 43.70): VU033974.D (-739) (-)

Ion 87.00 (86.70 to 87.70): VU033974.D (-739) (-)

Ion 59.00 (58.70 to 59.70): VU033974.D (-739) (-)





#23

Vinyl Acetate

Concen: 84.551 ug/l

RT: 3.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

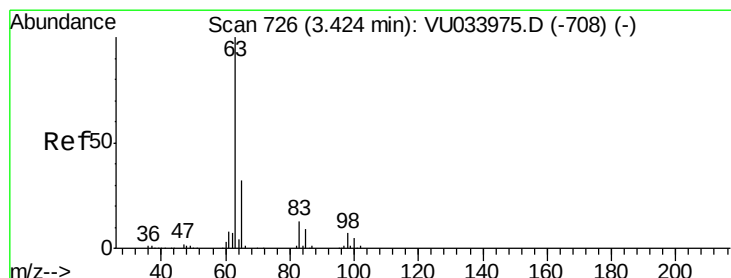
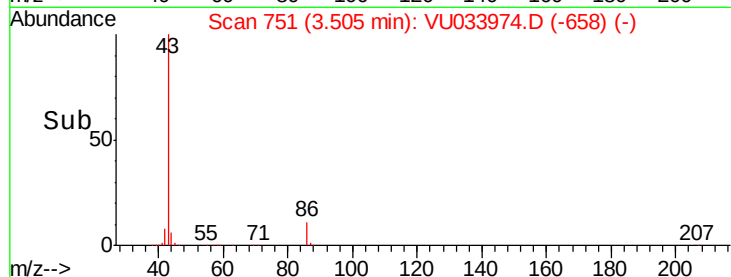
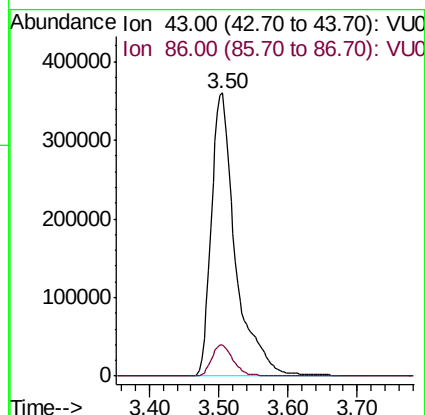
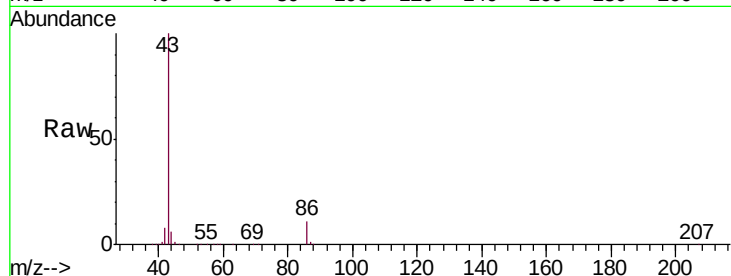
VSTDIC020

Tgt Ion: 43 Resp: 872045

Ion Ratio Lower Upper

43 100

86 11.1 9.1 13.7



#24

1,1-Dichloroethane

Concen: 16.274 ug/l

RT: 3.42 min Scan# 726

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

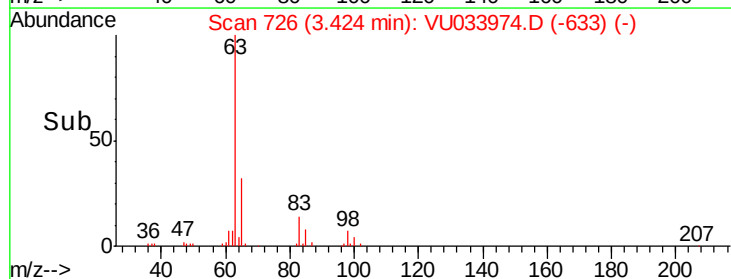
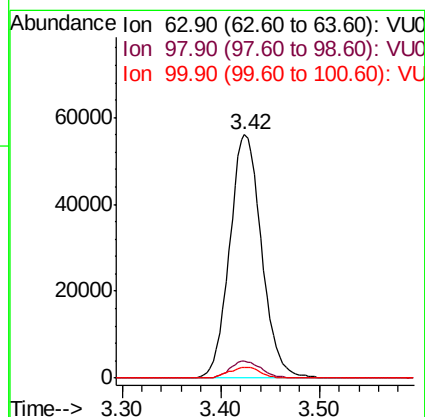
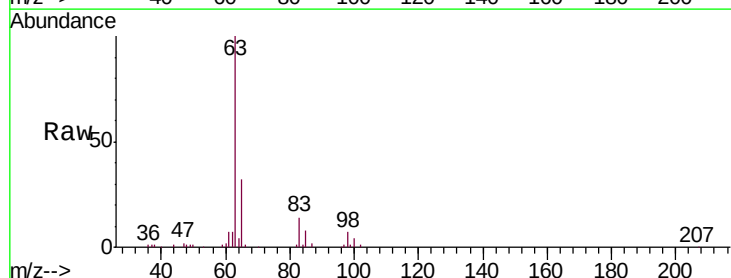
Tgt Ion: 63 Resp: 126359

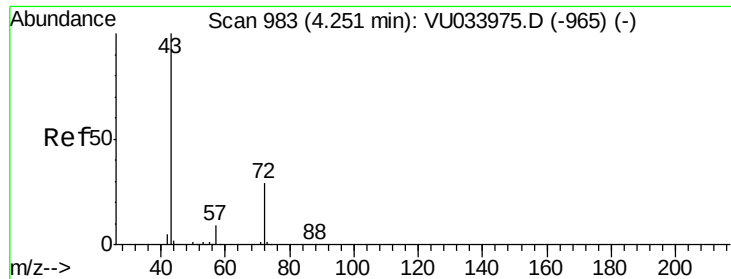
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 76.047 ug/l

RT: 4.24 min Scan# 979

Delta R.T. -0.01 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

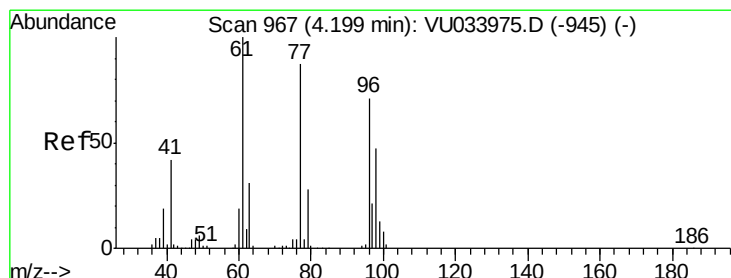
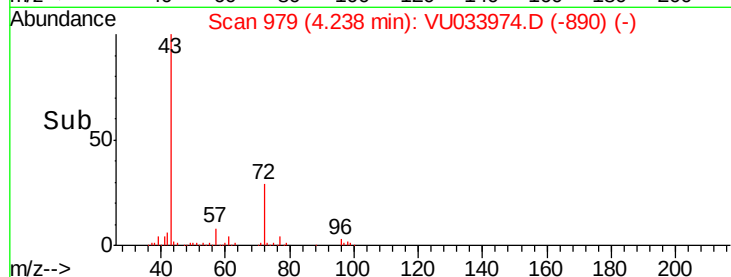
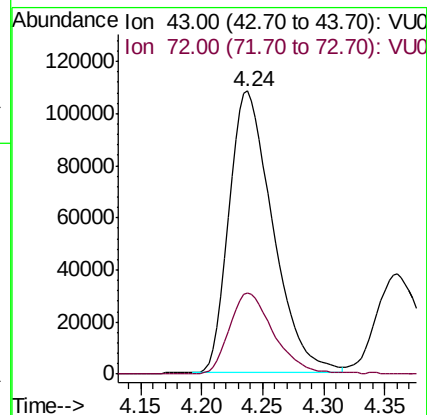
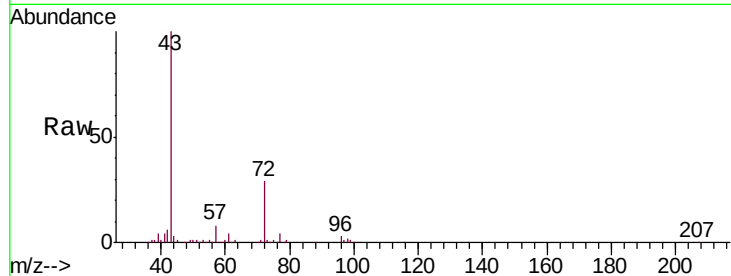
VSTDIC020

Tgt Ion: 43 Resp: 270973

Ion Ratio Lower Upper

43 100

72 28.7 22.9 34.3



#26

2,2-Dichloropropane

Concen: 16.625 ug/l

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033974.D

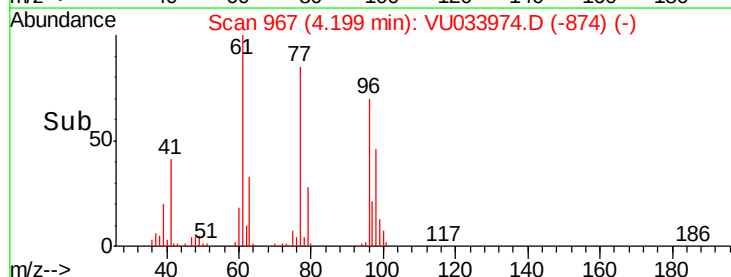
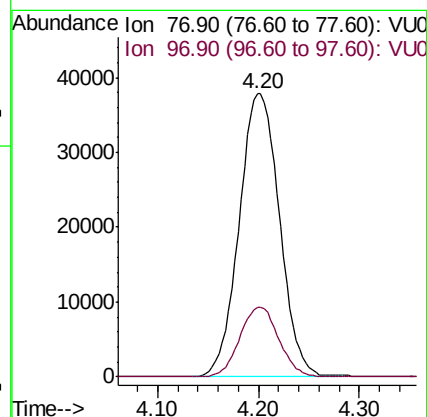
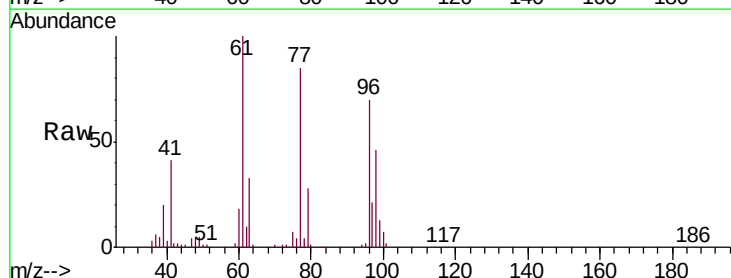
Acq: 27 Aug 2019 15:30

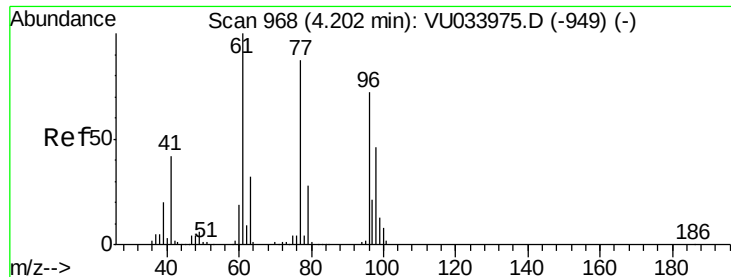
Tgt Ion: 77 Resp: 105051

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 17.766 ug/l

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

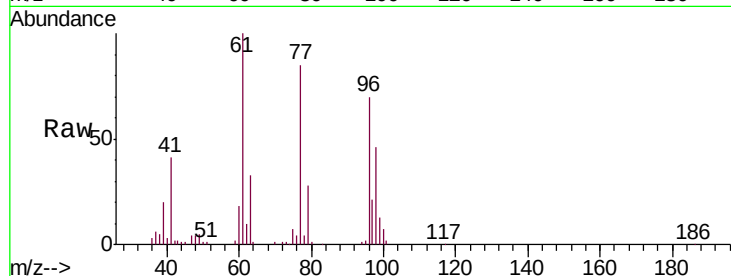
Tgt Ion: 96 Resp: 77396

Ion Ratio Lower Upper

96 100

61 144.3 0.0 287.2

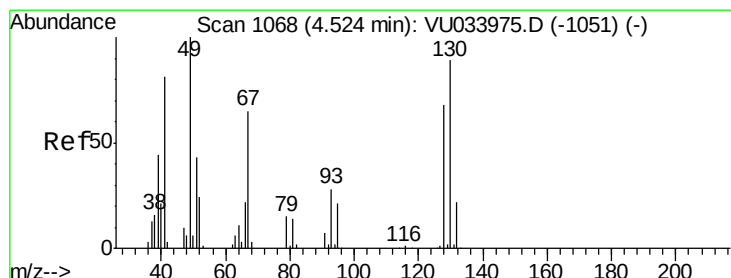
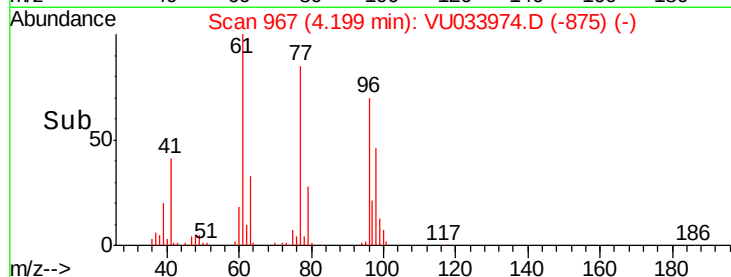
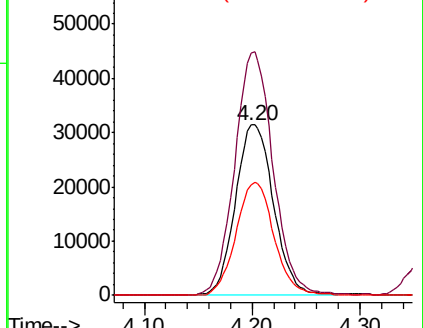
98 66.1 0.0 131.8



Abundance Ion 95.90 (95.60 to 96.60): VU033975.D (-949) (-)

Ion 60.90 (60.60 to 61.60): VU033975.D (-949) (-)

Ion 97.90 (97.60 to 98.60): VU033975.D (-949) (-)



#28

Bromochloromethane

Concen: 14.877 ug/l

RT: 4.52 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

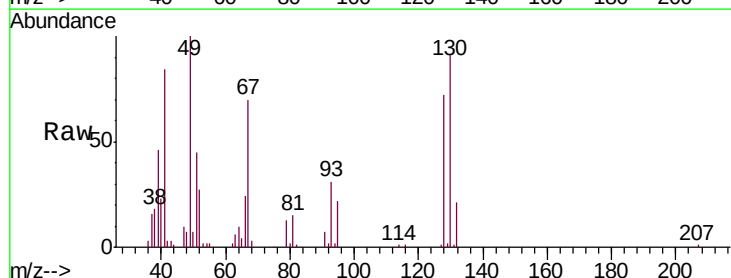
Tgt Ion: 49 Resp: 56556

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

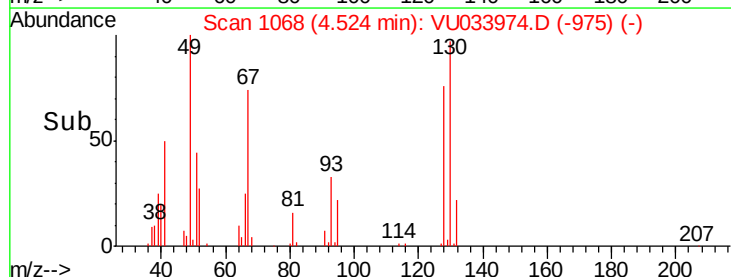
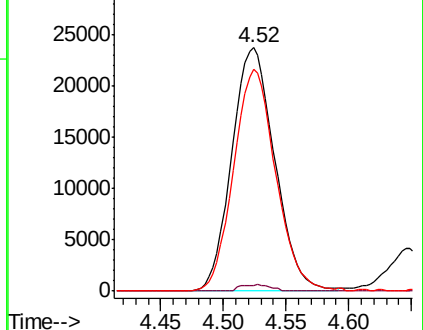
130 89.0 71.0 106.6

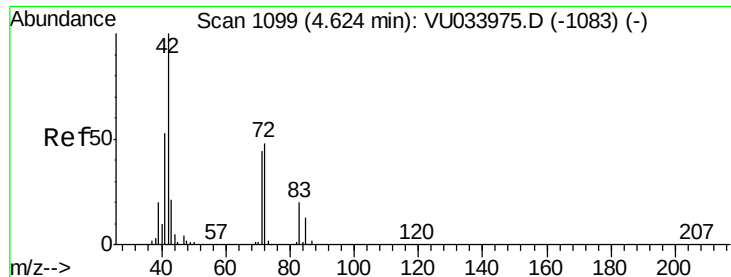


Abundance Ion 48.90 (48.60 to 49.60): VU033975.D (-1051) (-)

Ion 128.80 (128.50 to 129.50): VU033975.D (-1051) (-)

Ion 129.80 (129.50 to 130.50): VU033975.D (-1051) (-)





#29

Tetrahydrofuran

Concen: 79.084 ug/l

RT: 4.62 min Scan# 1097

Delta R.T. -0.01 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

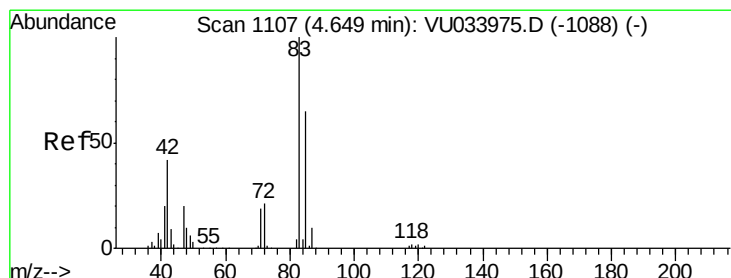
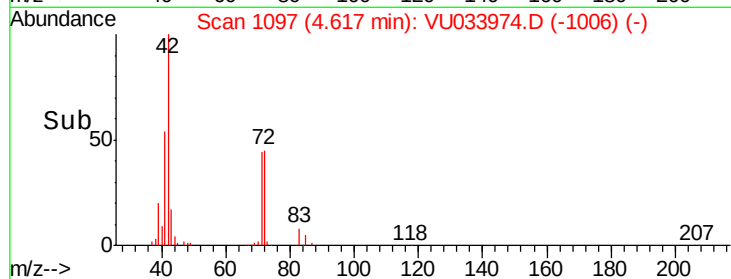
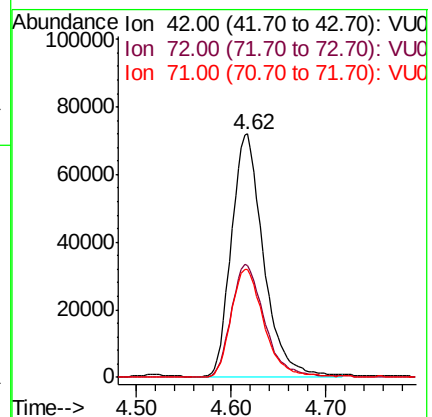
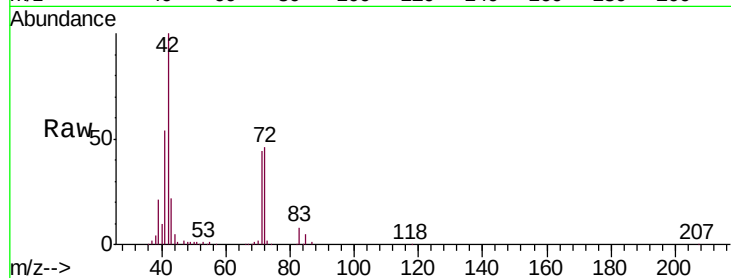
Tgt Ion: 42 Resp: 169845

Ion Ratio Lower Upper

42 100

72 48.0 38.9 58.3

71 45.8 35.7 53.5



#30

Chloroform

Concen: 16.383 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU033974.D

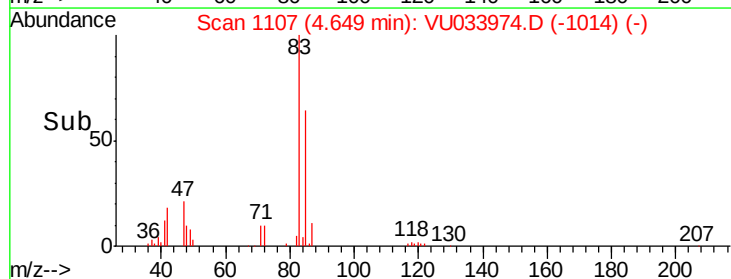
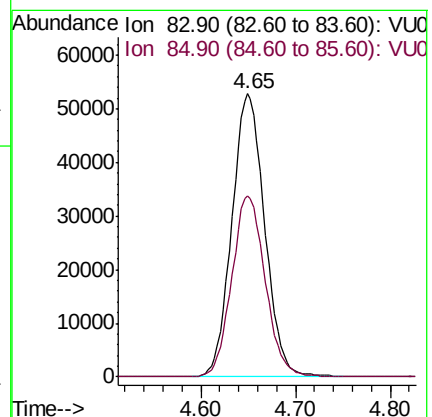
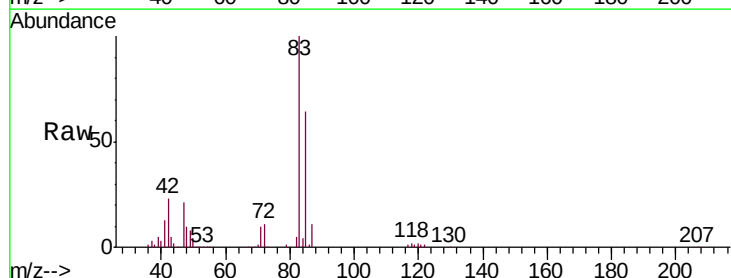
Acq: 27 Aug 2019 15:30

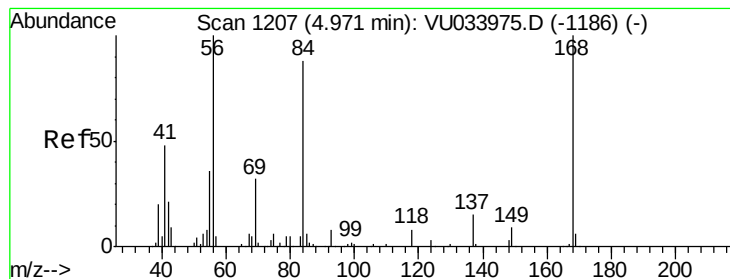
Tgt Ion: 83 Resp: 126951

Ion Ratio Lower Upper

83 100

85 63.9 52.1 78.1





#31

Cyclohexane

Concen: 16.913 ug/l

RT: 4.97 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

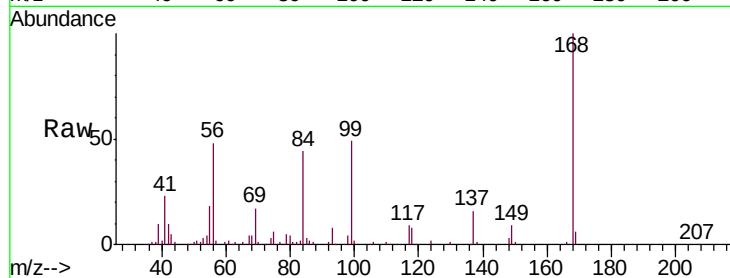
Tgt Ion: 56 Resp: 114822

Ion Ratio Lower Upper

56 100

69 34.9 25.9 38.9

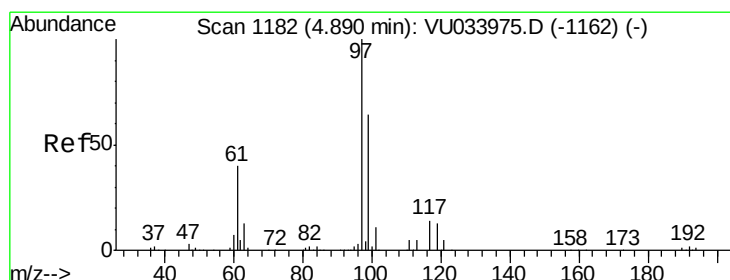
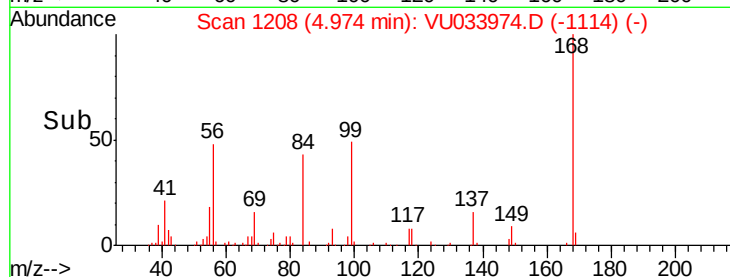
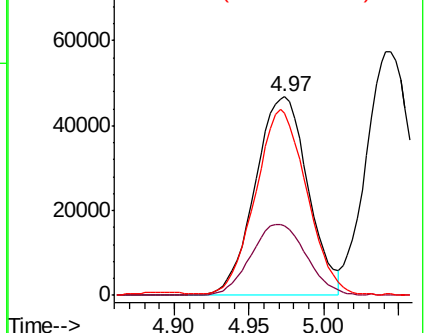
84 91.1 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VU033974.D (-1186) (-)

Ion 69.00 (68.70 to 69.70): VU033974.D (-1186) (-)

Ion 84.00 (83.70 to 84.70): VU033974.D (-1186) (-)



#32

1,1,1-Trichloroethane

Concen: 17.476 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

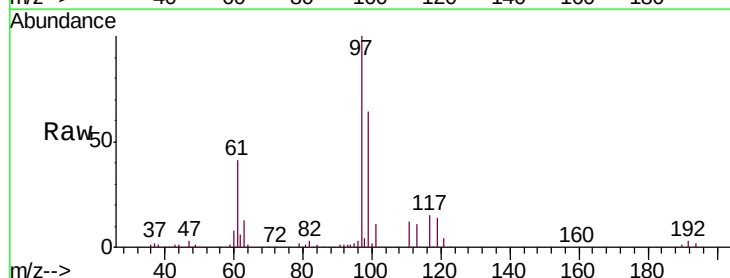
Tgt Ion: 97 Resp: 111158

Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

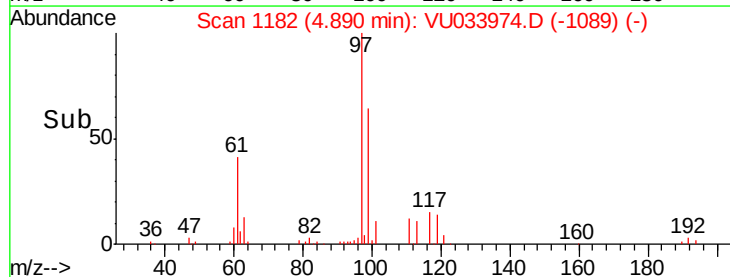
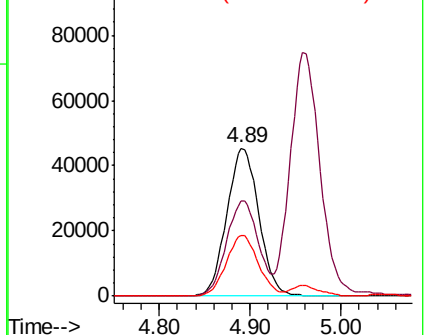
61 41.2 32.7 49.1

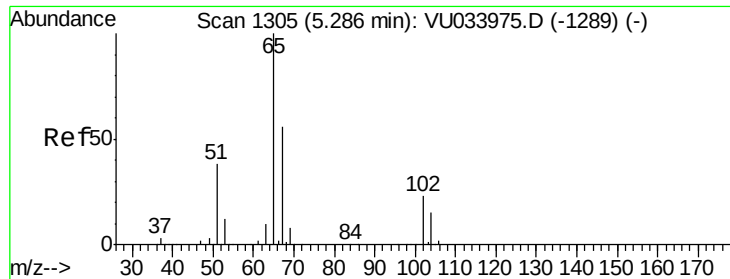


Abundance Ion 96.90 (96.60 to 97.60): VU033974.D (-1089) (-)

Ion 98.90 (98.60 to 99.60): VU033974.D (-1089) (-)

Ion 60.90 (60.60 to 61.60): VU033974.D (-1089) (-)

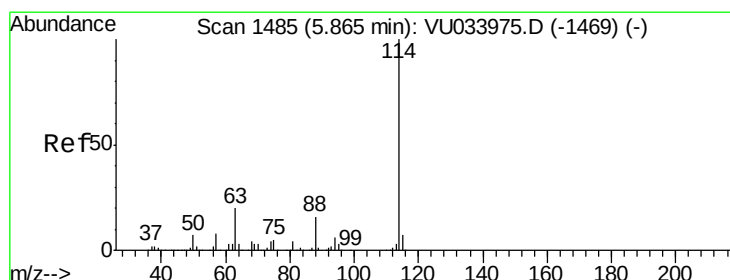
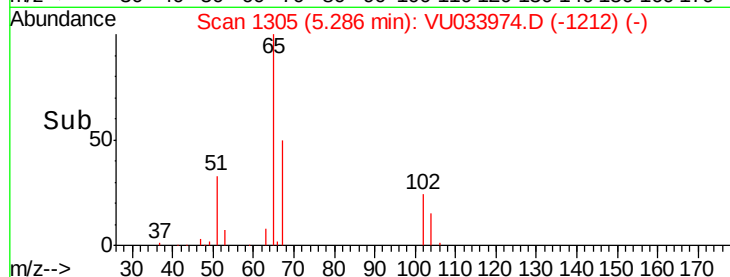
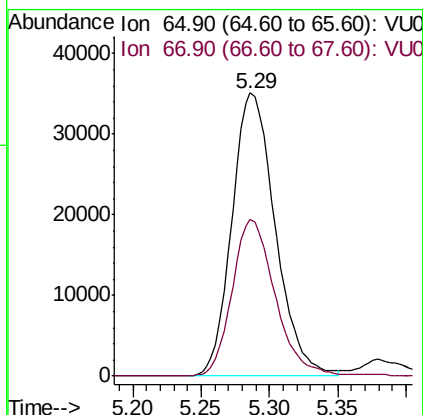
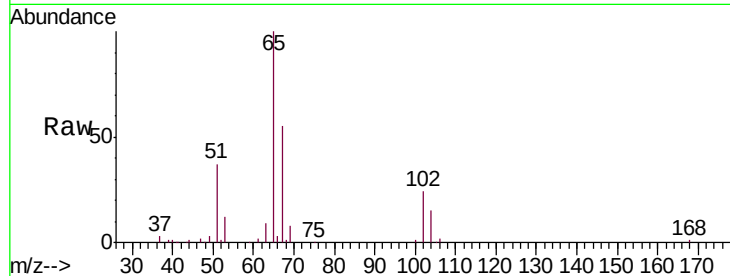




#33
 1,2-Dichloroethane-d4
 Concen: 16.305 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

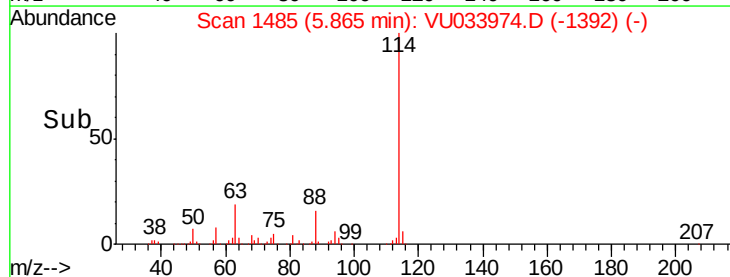
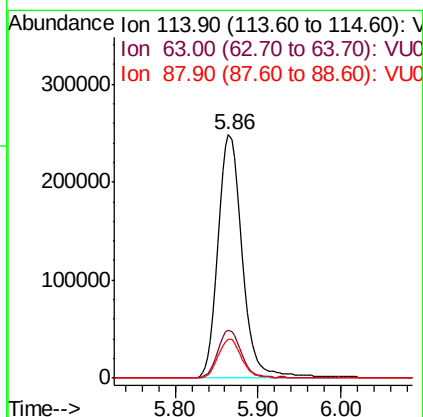
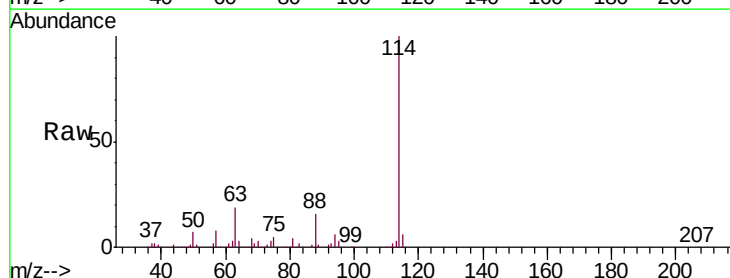
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

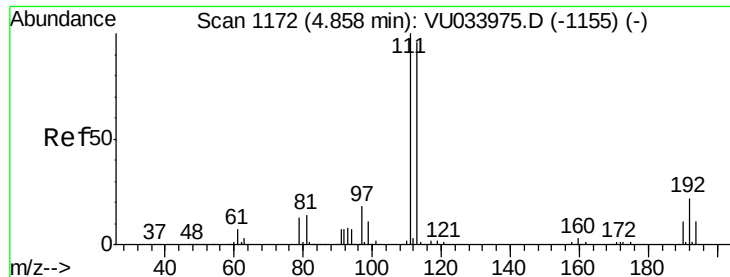
Tgt Ion: 65 Resp: 77614
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

Tgt Ion: 114 Resp: 504784
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.8 0.0 31.2

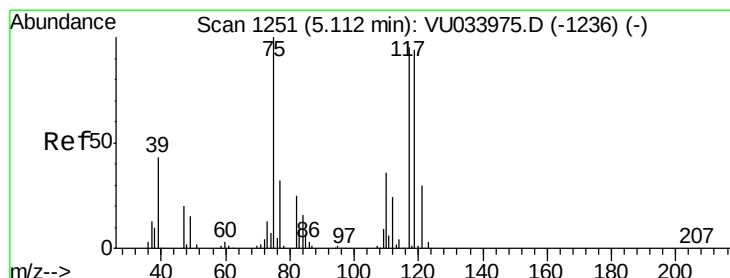
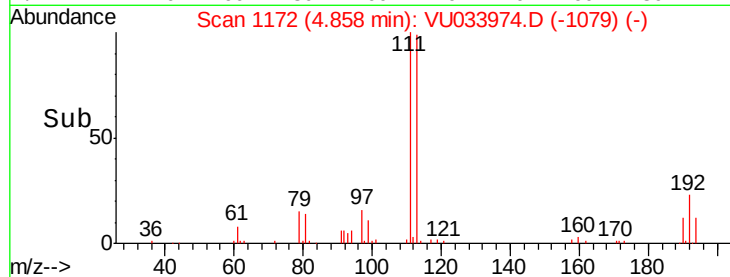
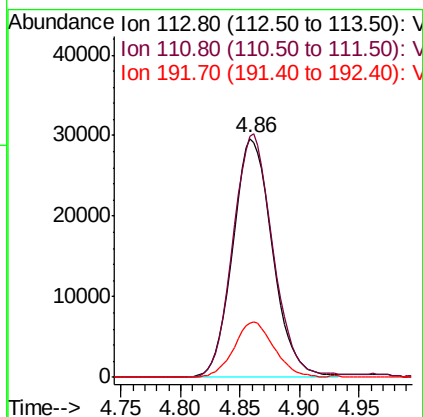
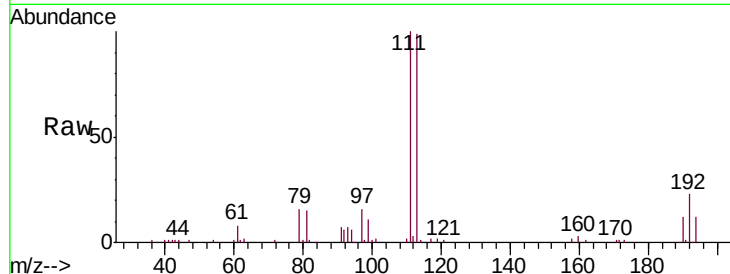




#35
 Dibromofluoromethane
 Concen: 19.313 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

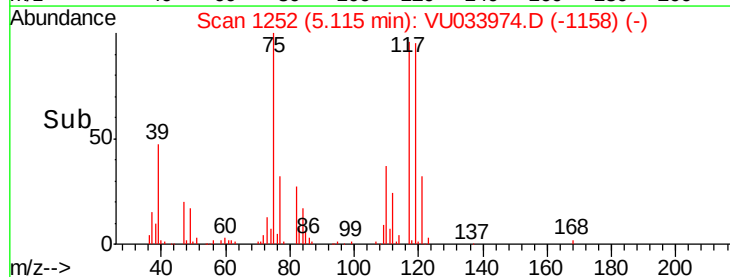
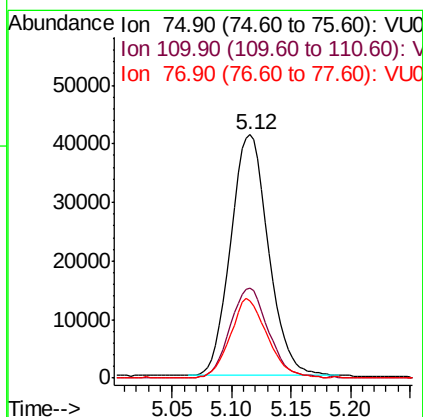
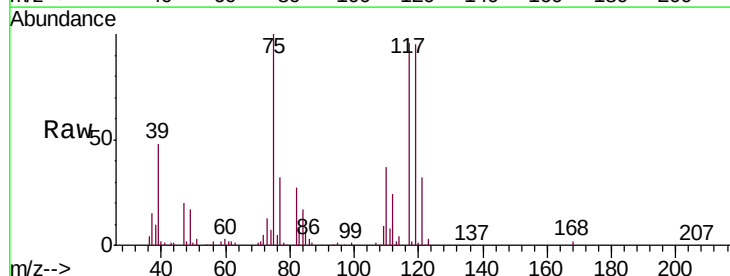
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

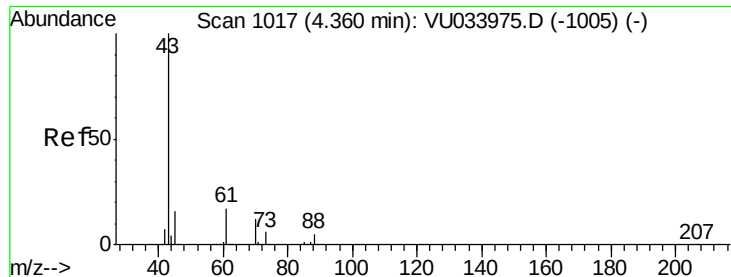
Tgt Ion: 113 Resp: 68632
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.7 122.5
 192 23.3 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 17.820 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

Tgt Ion: 75 Resp: 90832
 Ion Ratio Lower Upper
 75 100
 110 37.9 18.2 54.6
 77 32.5 24.8 37.2

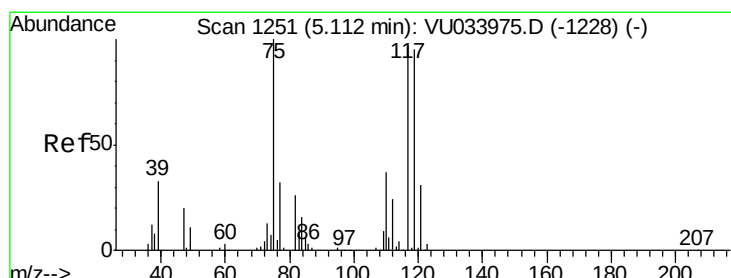
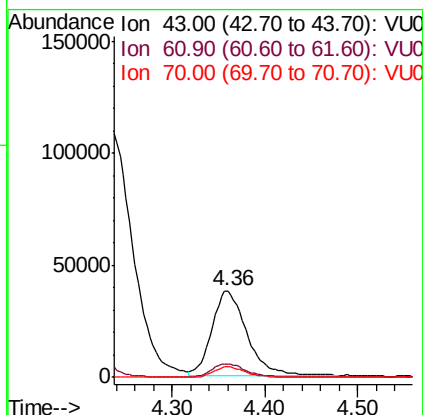
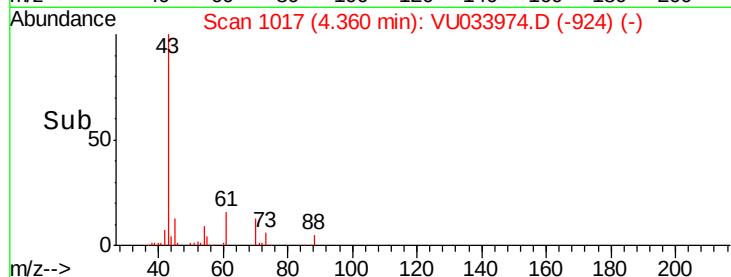
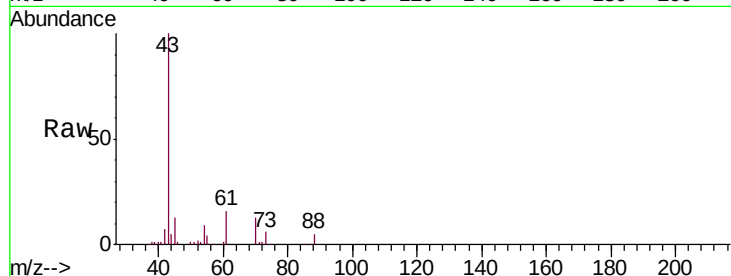




#37
 Ethyl Acetate
 Concen: 16.556 ug/l
 RT: 4.36 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

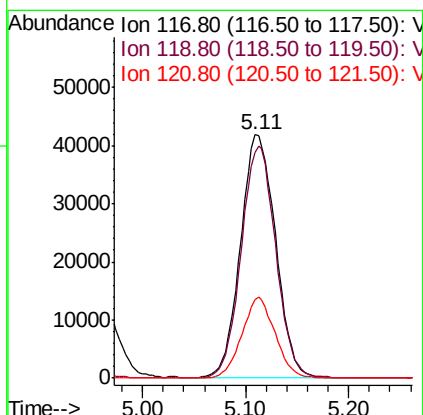
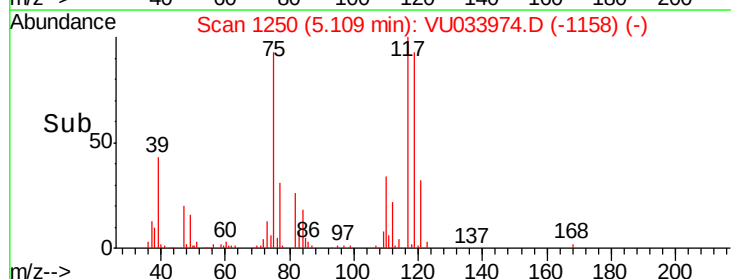
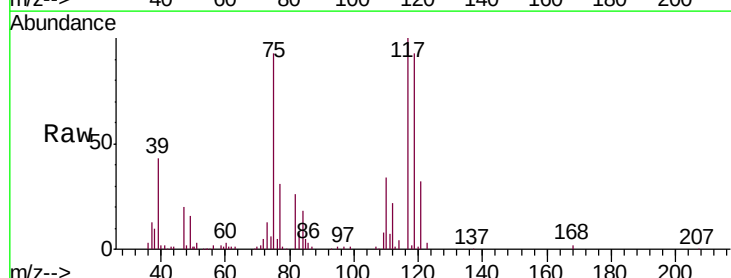
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

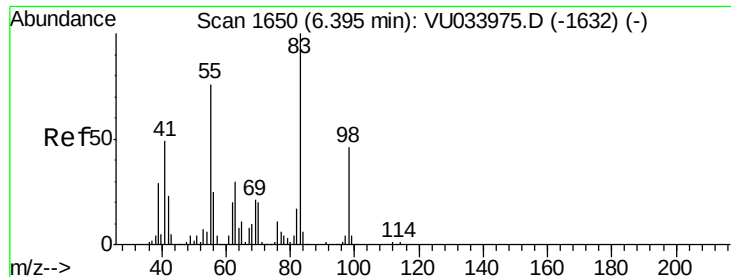
Tgt Ion: 43 Resp: 98019
 Ion Ratio Lower Upper
 43 100
 61 15.1 12.0 18.0
 70 11.4 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 19.168 ug/l
 RT: 5.11 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

Tgt Ion: 117 Resp: 98403
 Ion Ratio Lower Upper
 117 100
 119 92.8 78.4 117.6
 121 32.2 25.4 38.2

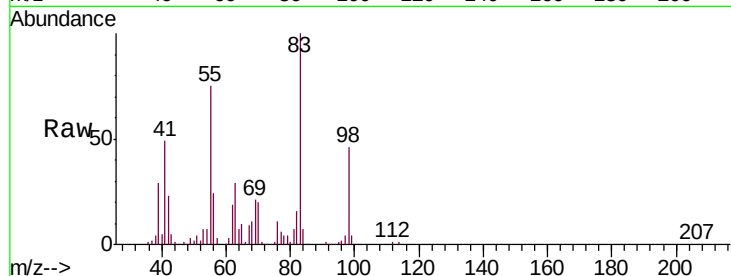




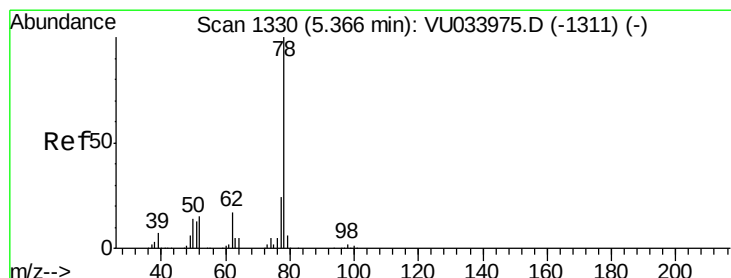
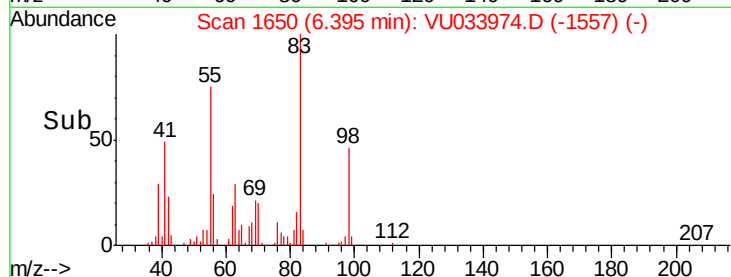
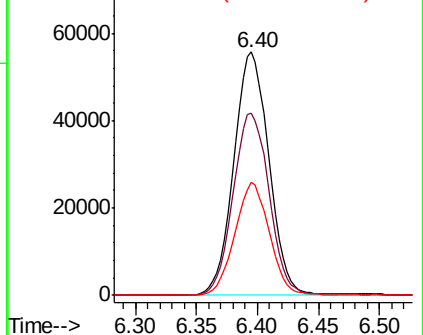
#39
Methylcyclohexane
Concen: 19.622 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 111442
Ion Ratio Lower Upper
83 100
55 74.6 60.8 91.2
98 46.3 36.5 54.7

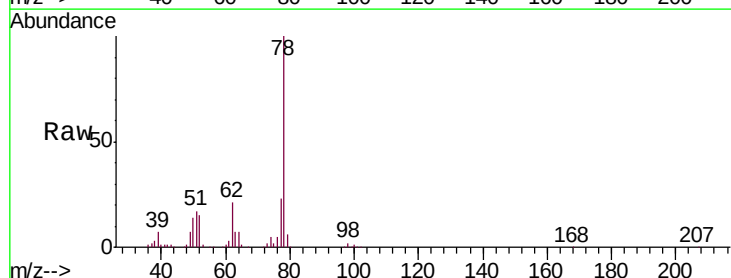


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

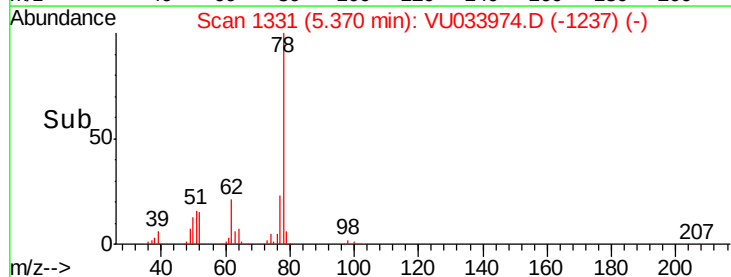
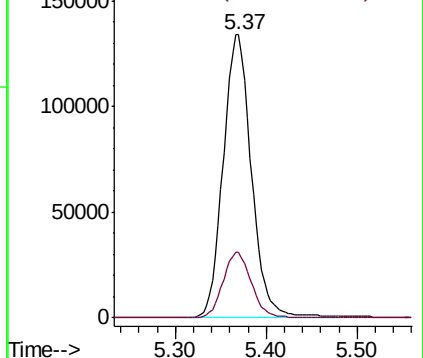


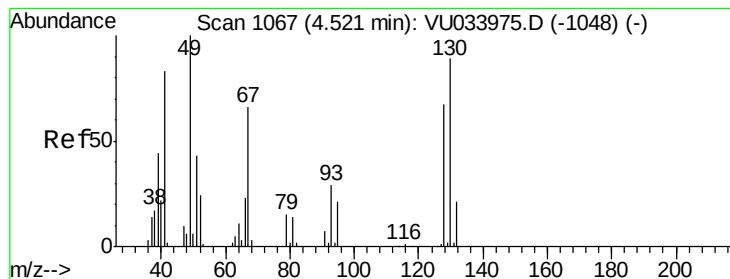
#40
Benzene
Concen: 19.104 ug/l
RT: 5.37 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

Tgt Ion: 78 Resp: 289633
Ion Ratio Lower Upper
78 100
77 23.1 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: 17.494 ug/l

RT: 4.52 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 51964

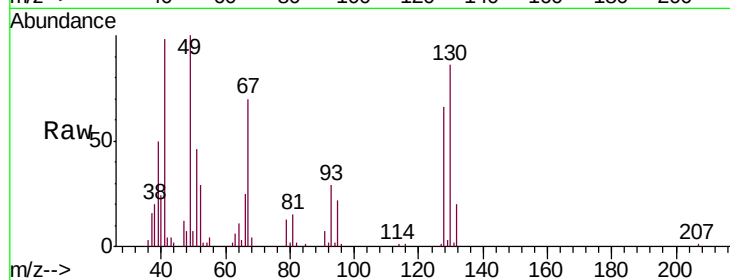
Ion Ratio Lower Upper

41 100

39 53.2 41.5 62.3

67 80.4 65.0 97.6

52 32.1 23.3 34.9

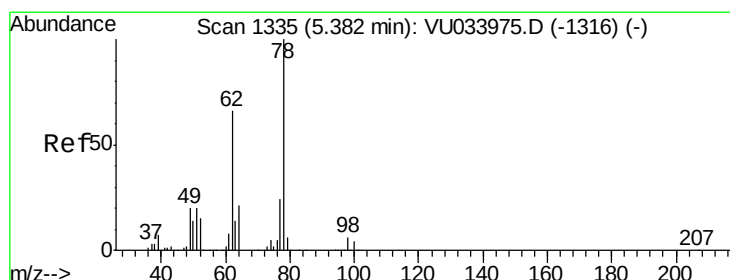
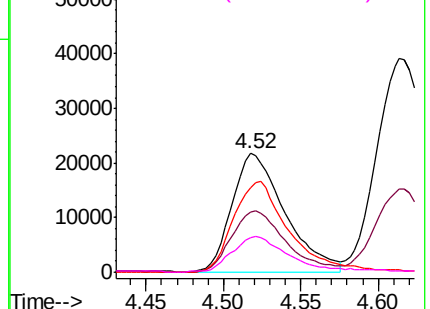
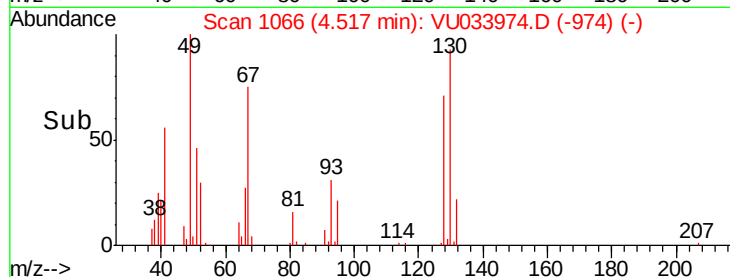


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 17.764 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU033974.D

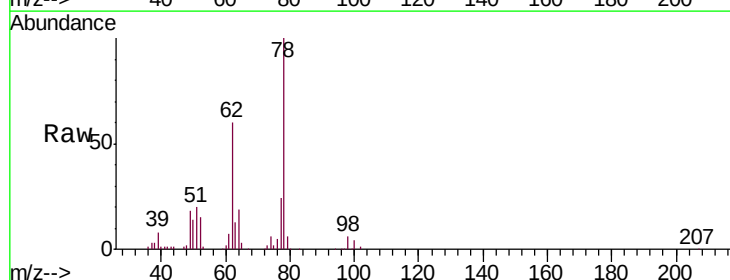
Acq: 27 Aug 2019 15:30

Tgt Ion: 62 Resp: 98430

Ion Ratio Lower Upper

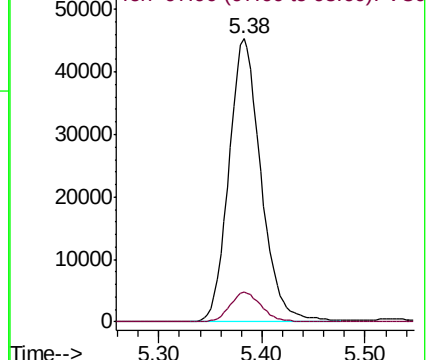
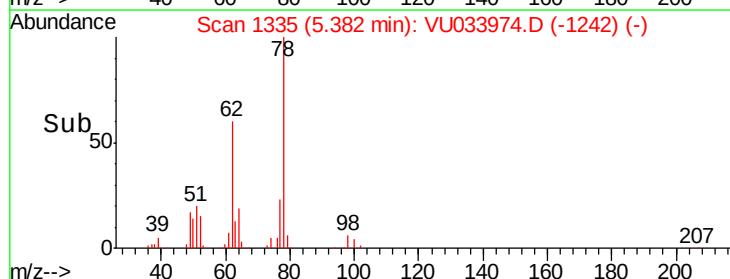
62 100

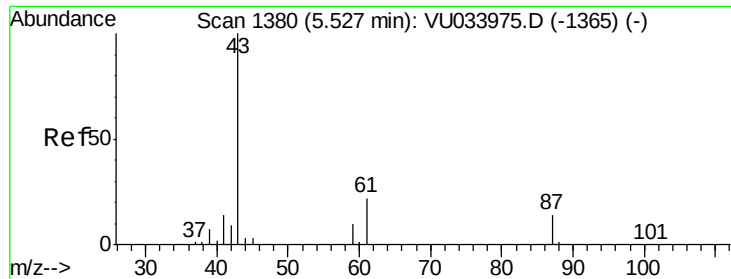
98 10.3 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 17.080 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

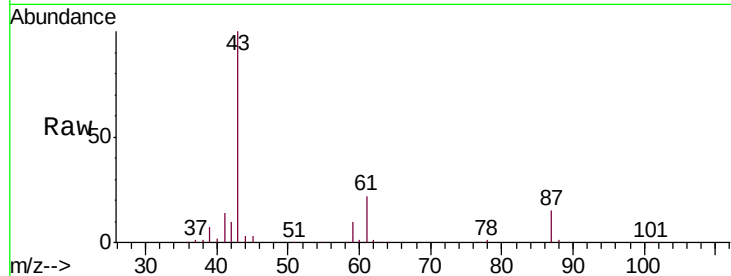
Tgt Ion: 43 Resp: 147899

Ion Ratio Lower Upper

43 100

61 22.3 17.8 26.8

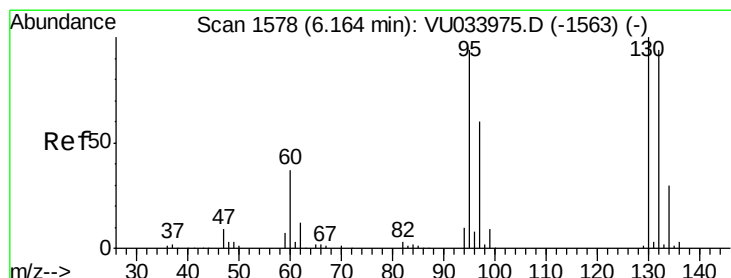
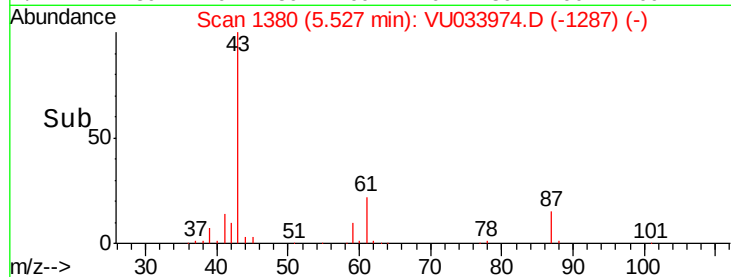
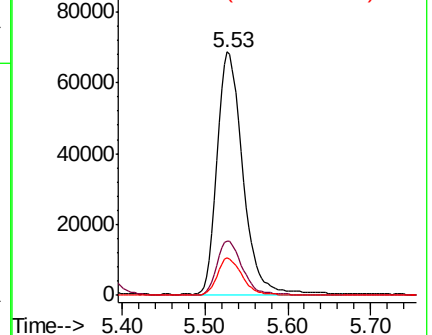
87 14.9 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VU033974.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU033974.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU033974.D (-1287) (-)



#44

Trichloroethene

Concen: 19.927 ug/l

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033974.D

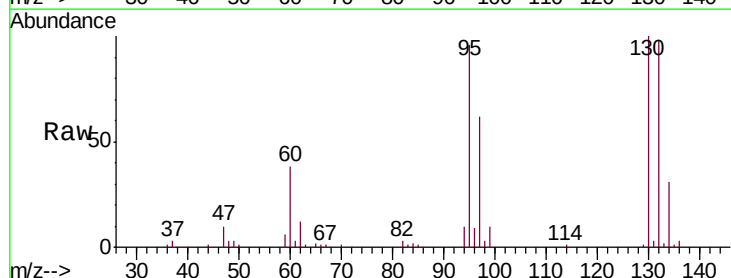
Acq: 27 Aug 2019 15:30

Tgt Ion: 130 Resp: 79795

Ion Ratio Lower Upper

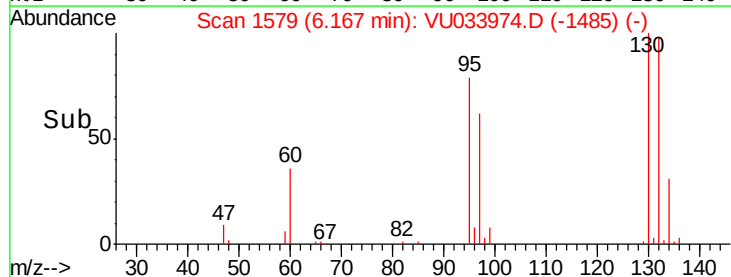
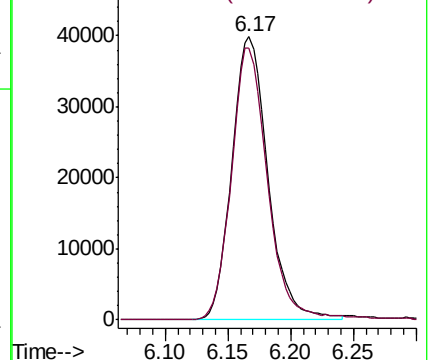
130 100

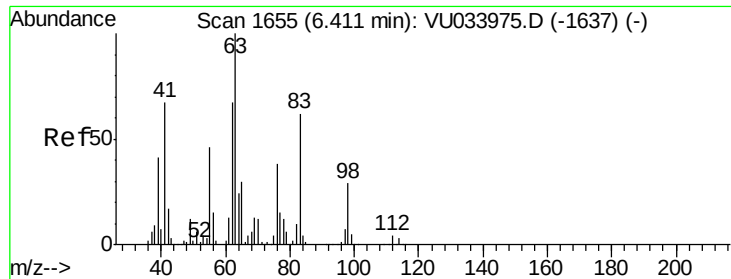
95 96.3 0.0 187.6



Abundance Ion 129.80 (129.50 to 130.50): VU033974.D (-1485) (-)

Ion 94.90 (94.60 to 95.60): VU033974.D (-1485) (-)

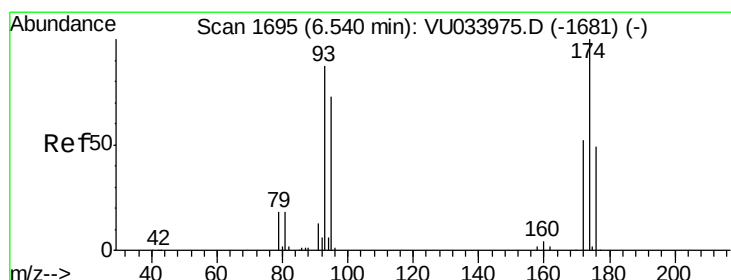
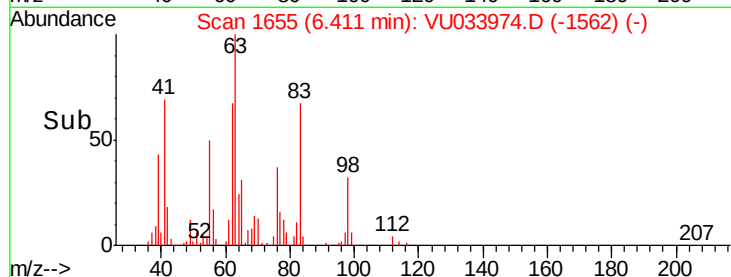
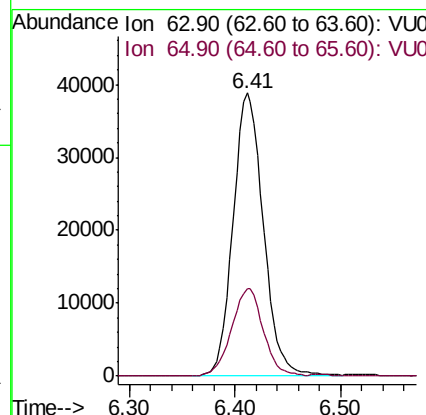
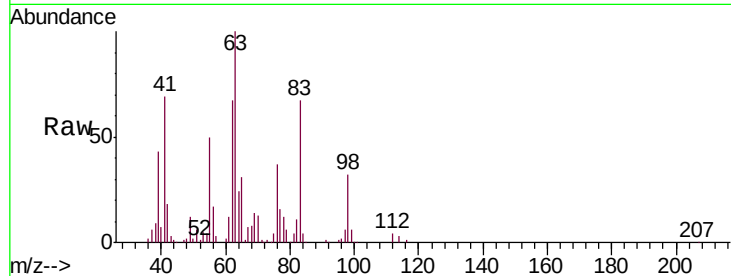




#45
 1,2-Dichloropropane
 Concen: 18.520 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

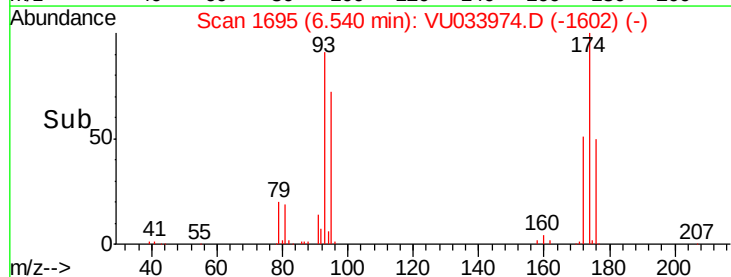
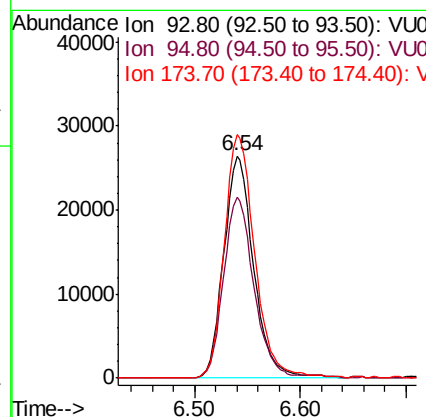
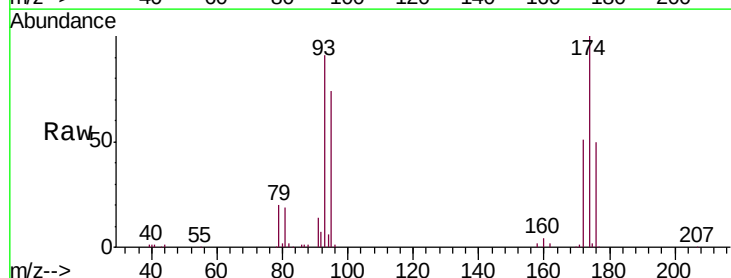
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

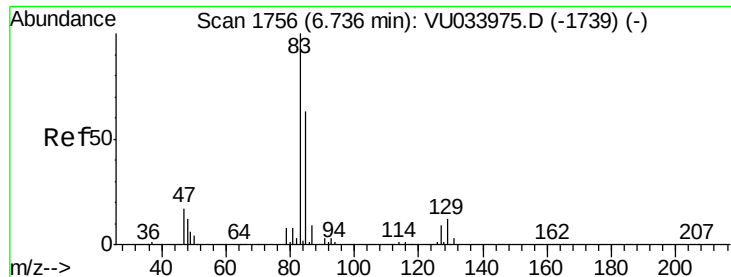
Tgt Ion: 63 Resp: 77431
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.3 36.5



#46
 Dibromomethane
 Concen: 19.158 ug/l
 RT: 6.54 min Scan# 1695
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

Tgt Ion: 93 Resp: 51968
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.2 99.4
 174 111.7 92.2 138.2





#47

Bromodichloromethane

Concen: 18.264 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

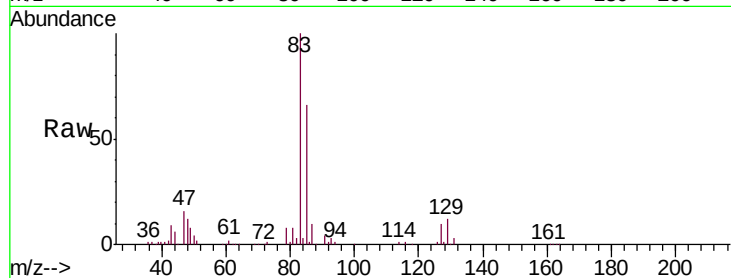
Tgt Ion: 83 Resp: 99395

Ion Ratio Lower Upper

83 100

85 65.8 50.6 76.0

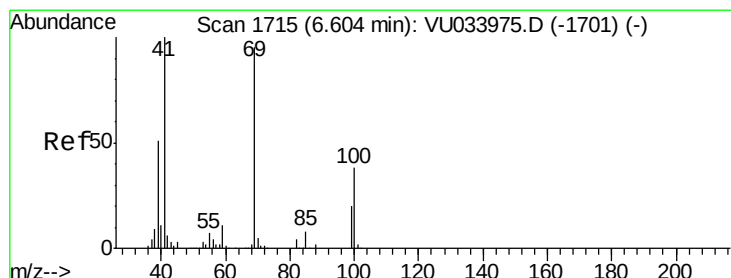
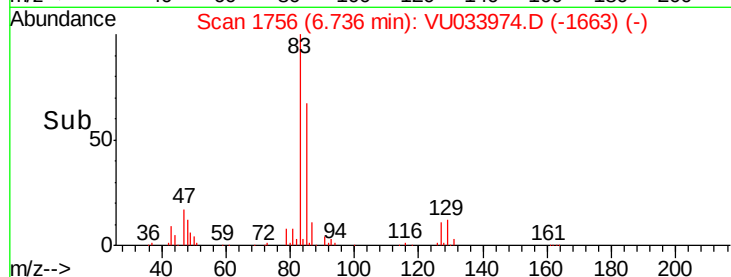
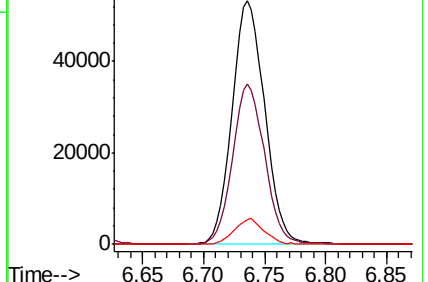
127 10.3 7.4 11.0



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

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

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



#48

Methyl methacrylate

Concen: 17.840 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

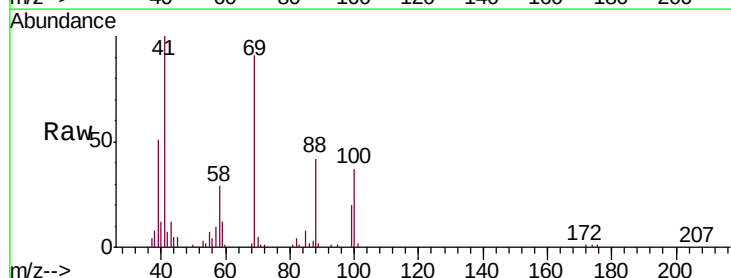
Tgt Ion: 41 Resp: 69414

Ion Ratio Lower Upper

41 100

69 95.4 76.3 114.5

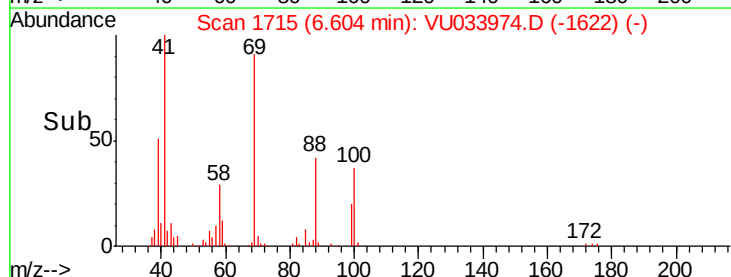
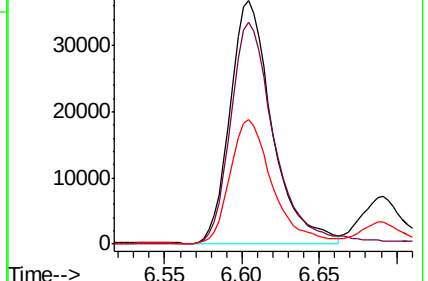
39 50.9 41.1 61.7

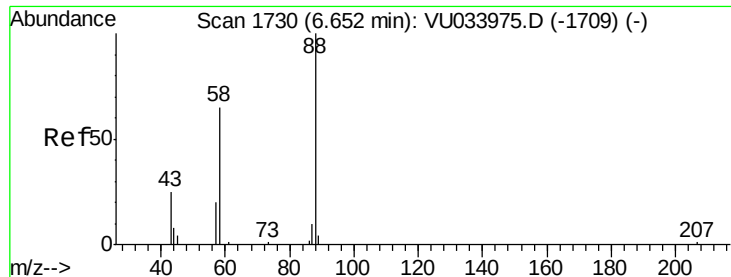


Abundance Ion 41.00 (40.70 to 41.70): VU033975.D (-1701) (-)

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

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

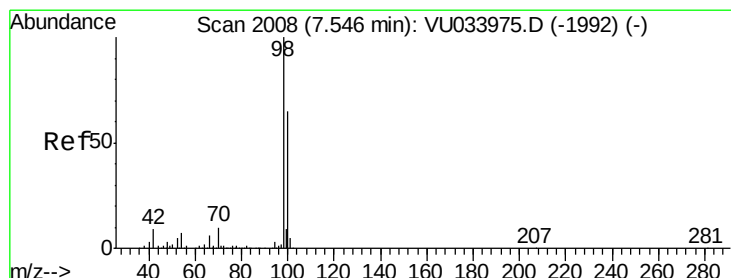
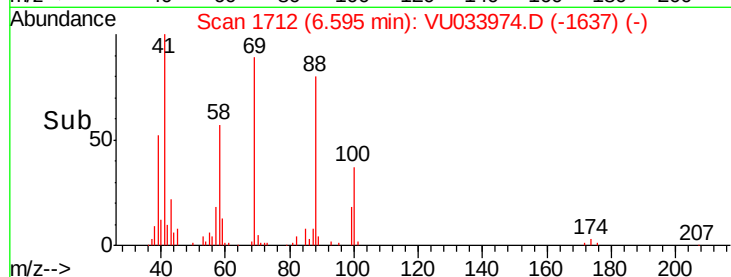
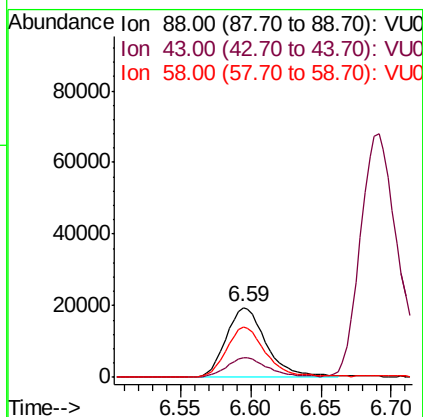
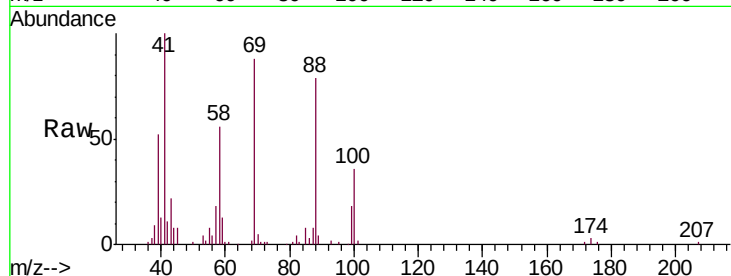




#49
1,4-Dioxane
Concen: 422.975 ug/l
RT: 6.59 min Scan# 1712
Delta R.T. -0.06 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

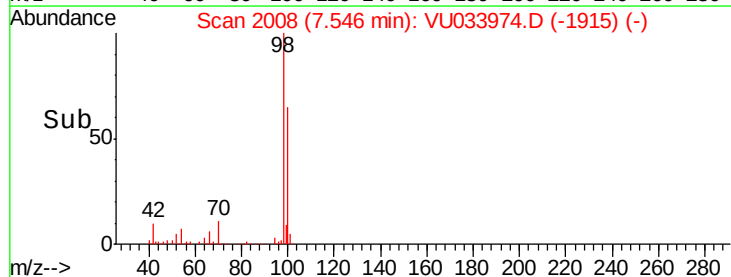
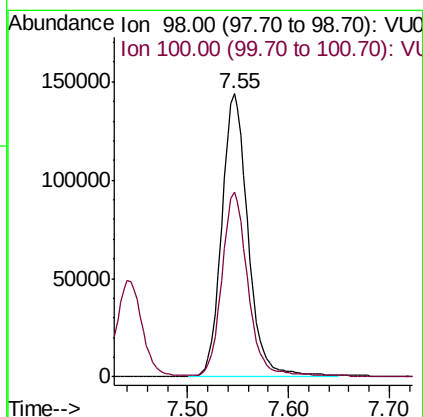
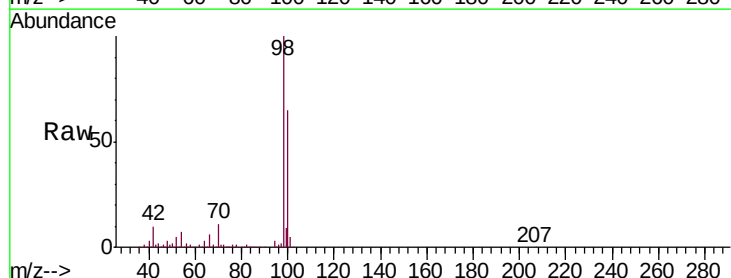
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

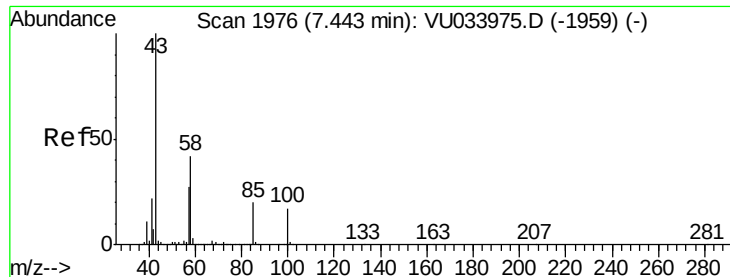
Tgt Ion: 88 Resp: 38864
Ion Ratio Lower Upper
88 100
43 28.0 0.0 0.0#
58 71.2 56.6 85.0



#50
Toluene-d8
Concen: 20.074 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. -0.00 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

Tgt Ion: 98 Resp: 263351
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

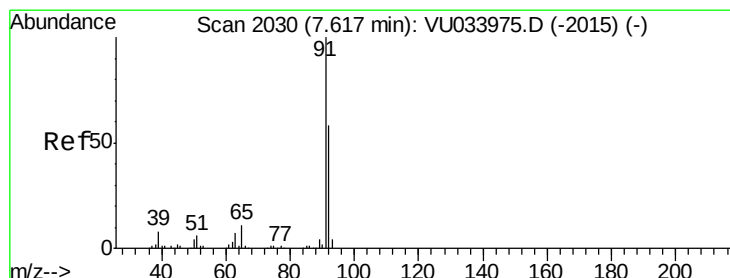
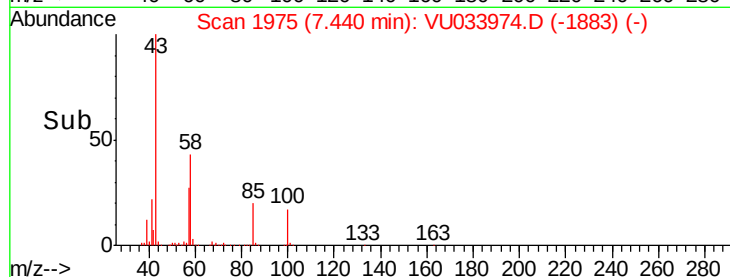
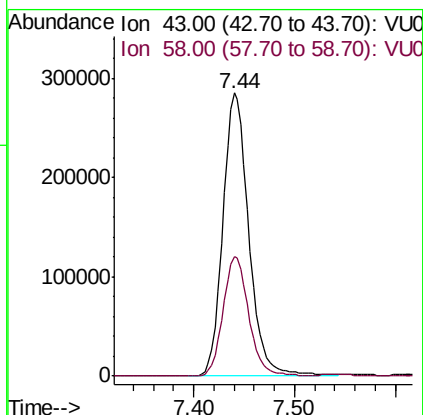
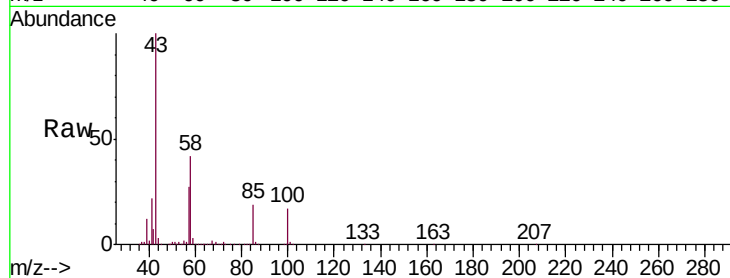




#51
 4-Methyl-2-Pentanone
 Concen: 87.469 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

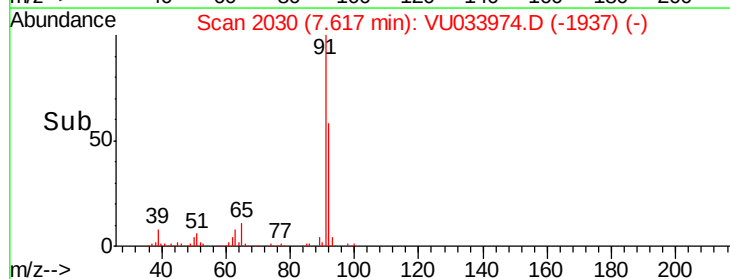
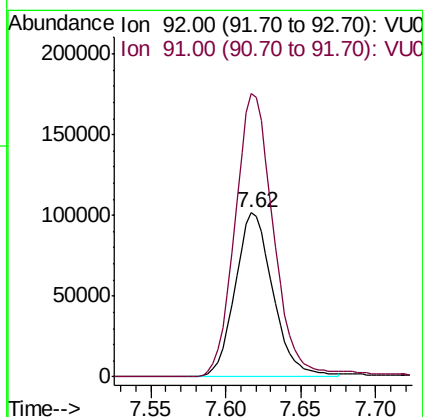
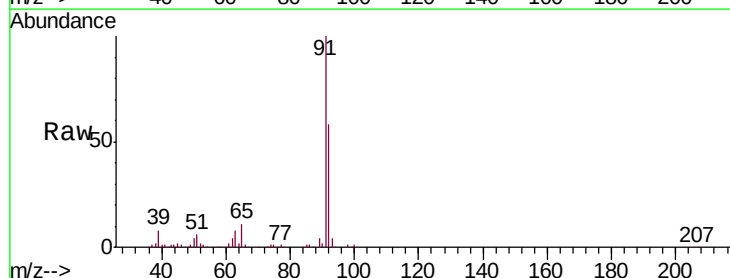
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

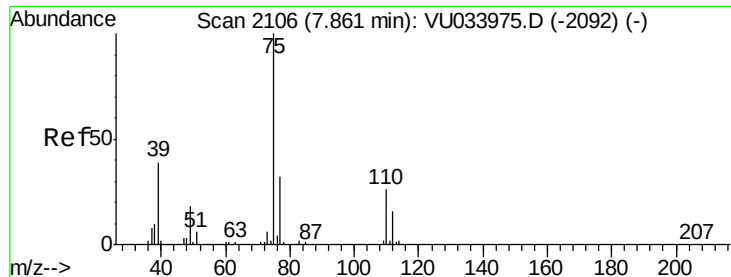
Tgt Ion: 43 Resp: 512964
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.6 50.4



#52
 Toluene
 Concen: 20.307 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

Tgt Ion: 92 Resp: 179826
 Ion Ratio Lower Upper
 92 100
 91 177.8 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 19.044 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

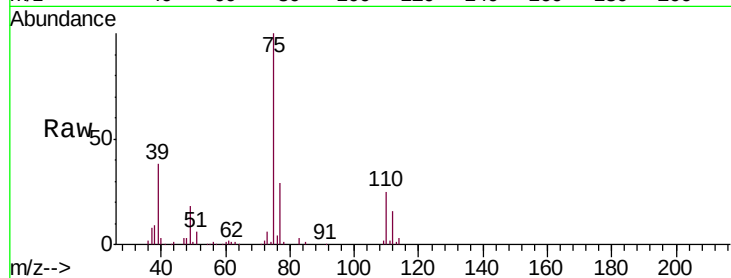
VSTDIC020

Tgt Ion: 75 Resp: 107356

Ion Ratio Lower Upper

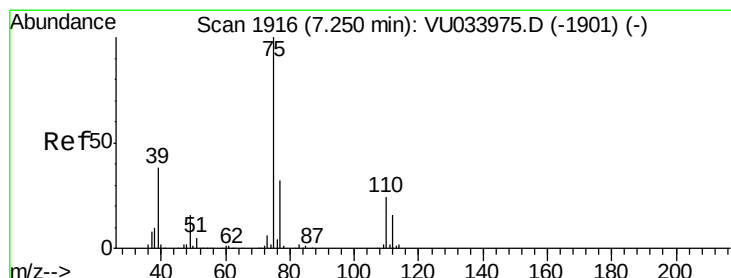
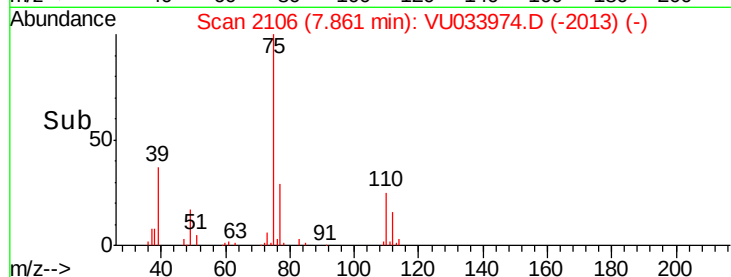
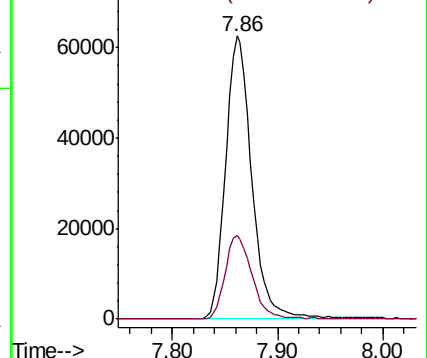
75 100

77 29.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#54

cis-1,3-Dichloropropene

Concen: 18.877 ug/l

RT: 7.25 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

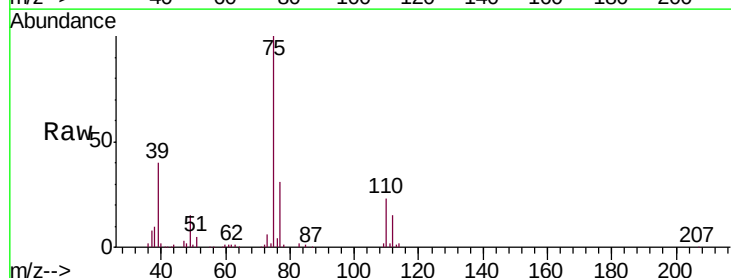
Tgt Ion: 75 Resp: 118554

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

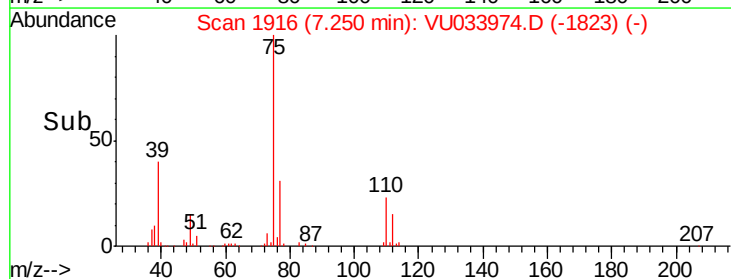
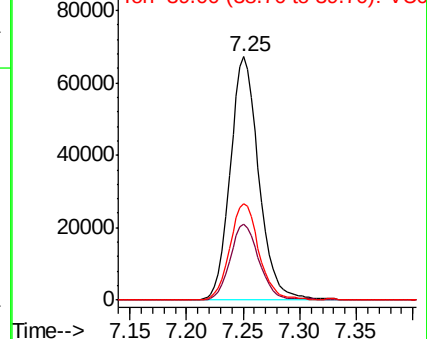
39 39.8 30.7 46.1

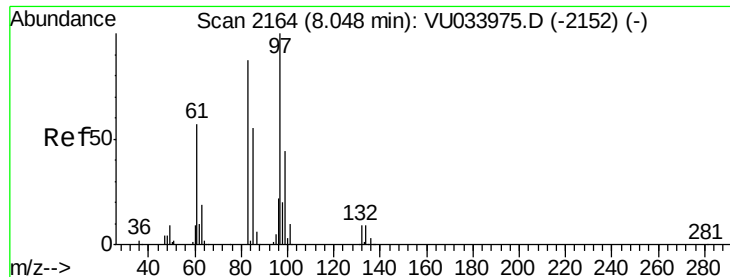


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0





#55

1,1,2-Trichloroethane

Concen: 18.994 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 73753

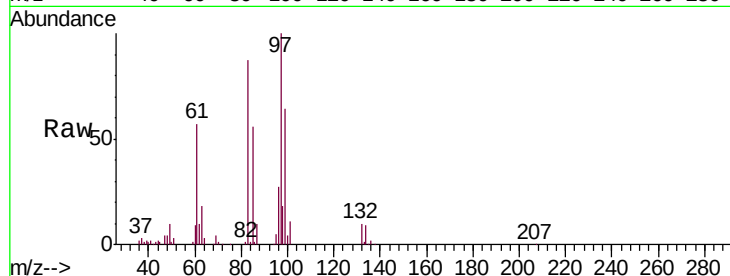
Ion Ratio Lower Upper

97 100

83 87.8 69.8 104.6

85 56.2 45.2 67.8

99 64.1 52.2 78.4

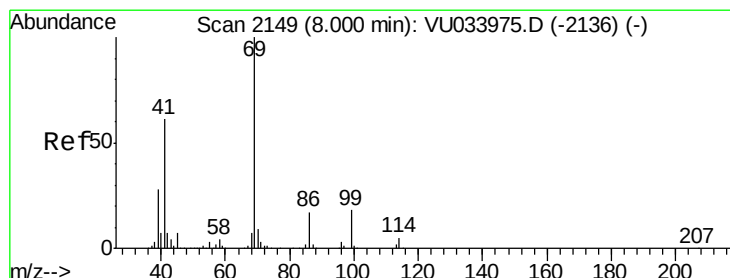
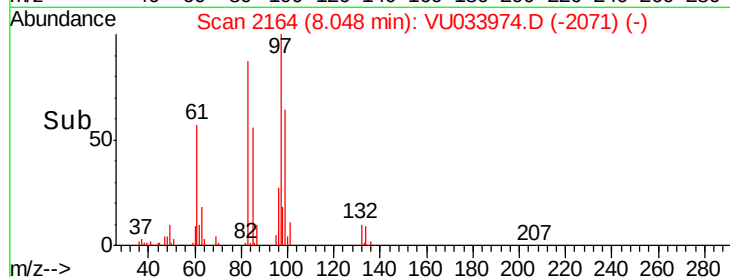
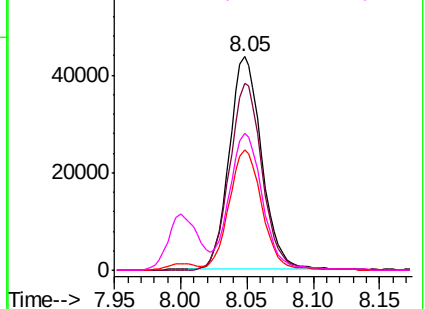


Abundance Ion 96.90 (96.60 to 97.60): VU0

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: 20.019 ug/l

RT: 8.00 min Scan# 2150

Delta R.T. 0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

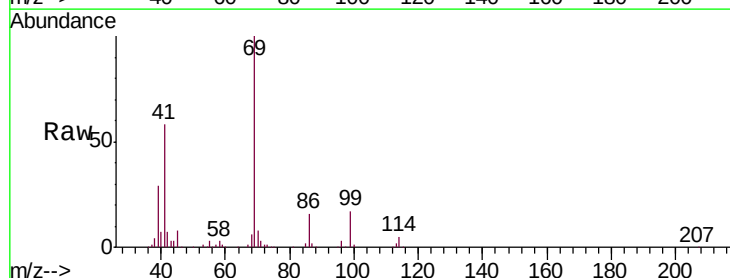
Tgt Ion: 69 Resp: 105600

Ion Ratio Lower Upper

69 100

41 59.9 48.6 72.8

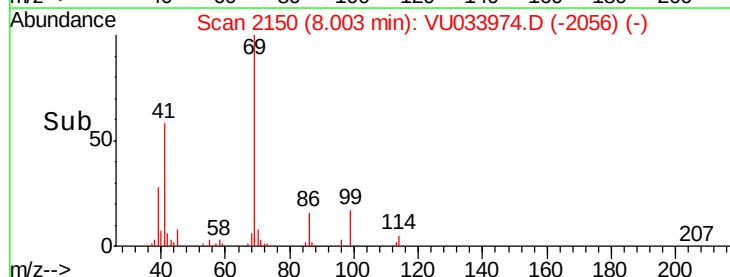
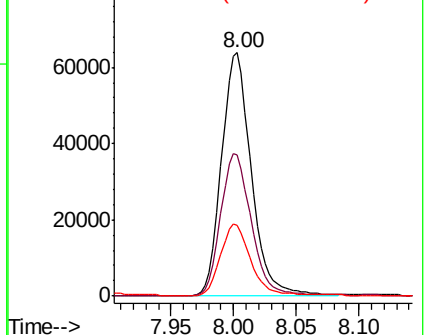
39 30.1 22.4 33.6

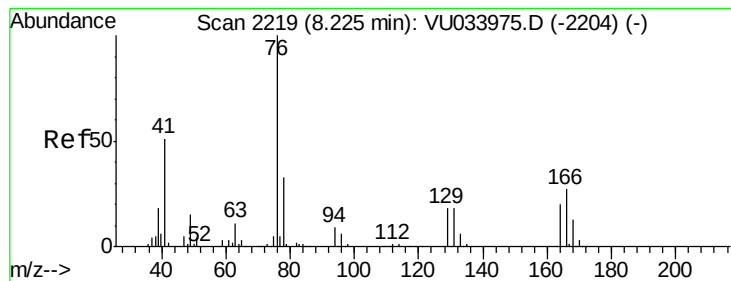


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 18.515 ug/l

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

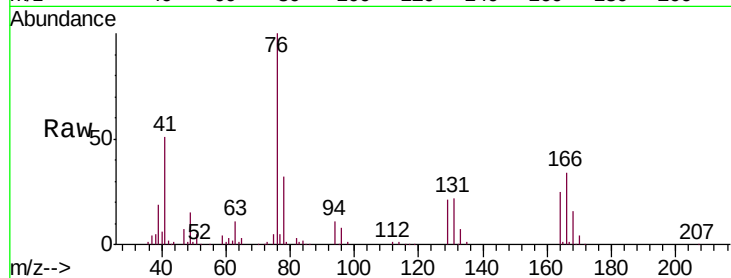
VSTDIC020

Tgt Ion: 76 Resp: 124292

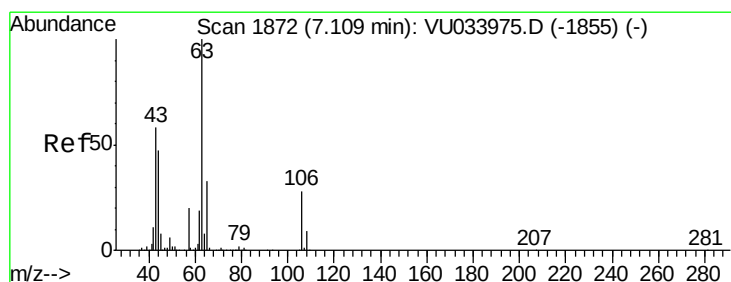
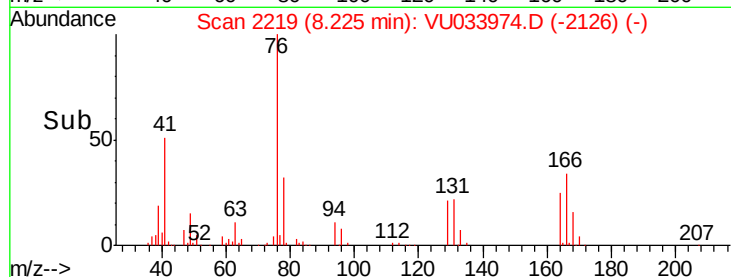
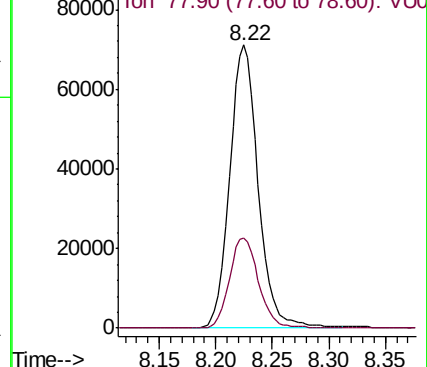
Ion Ratio Lower Upper

76 100

78 32.9 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VU033975.D (-2204) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 92.918 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VU033974.D

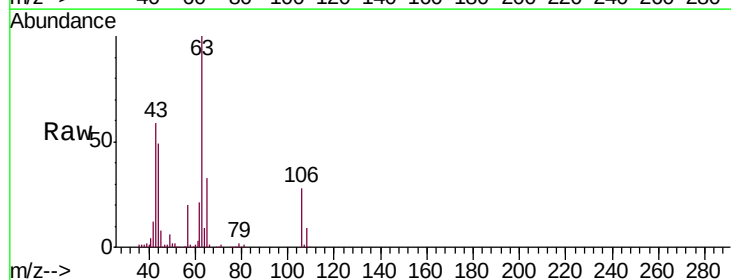
Acq: 27 Aug 2019 15:30

Tgt Ion: 63 Resp: 174965

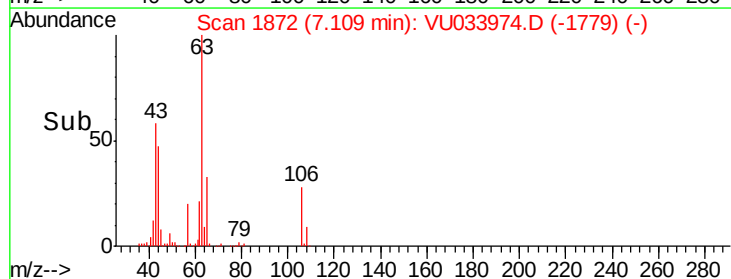
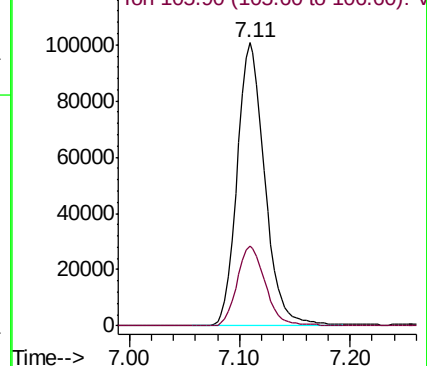
Ion Ratio Lower Upper

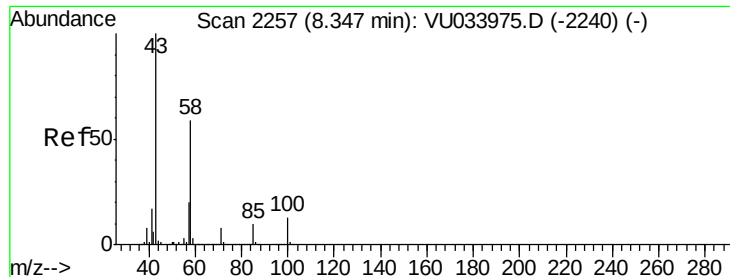
63 100

106 28.8 22.4 33.6



Abundance Ion 62.90 (62.60 to 63.60): VU033975.D (-1855) (-)

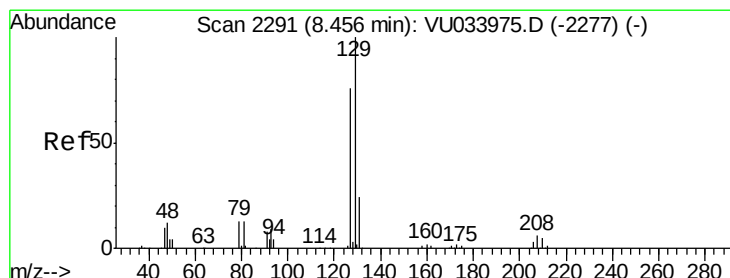
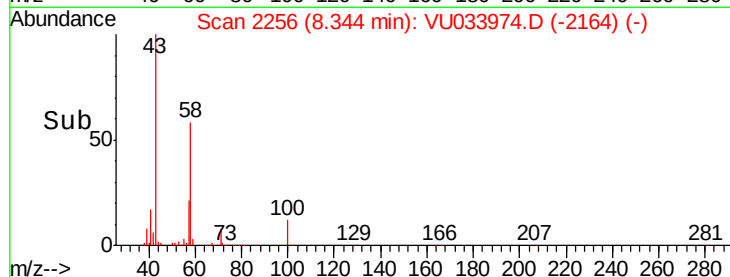
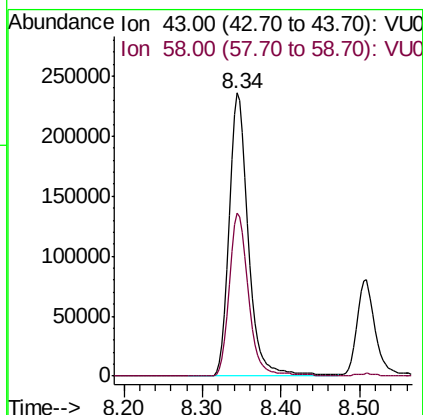
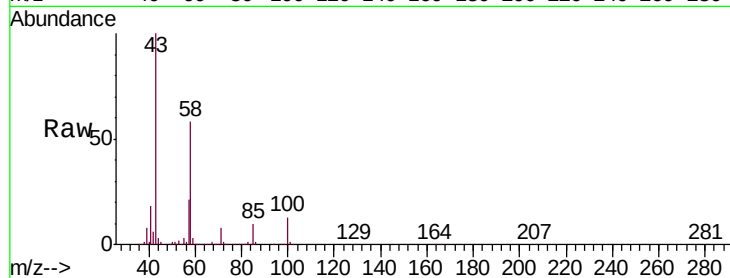




#59
2-Hexanone
Concen: 88.591 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. -0.00 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

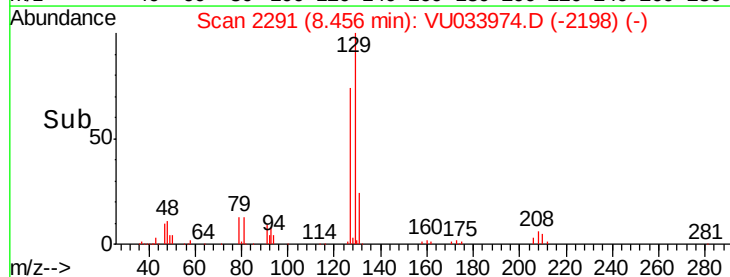
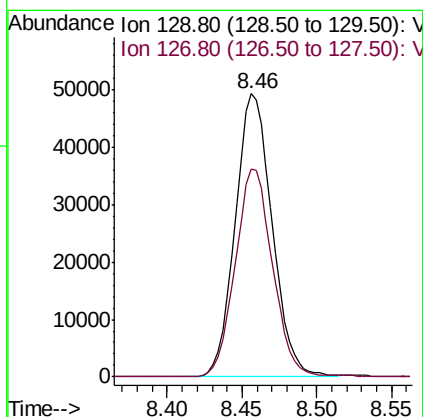
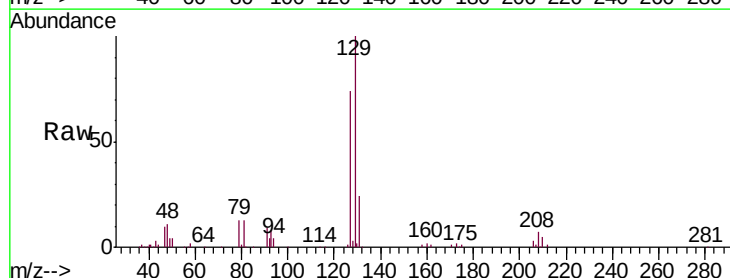
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

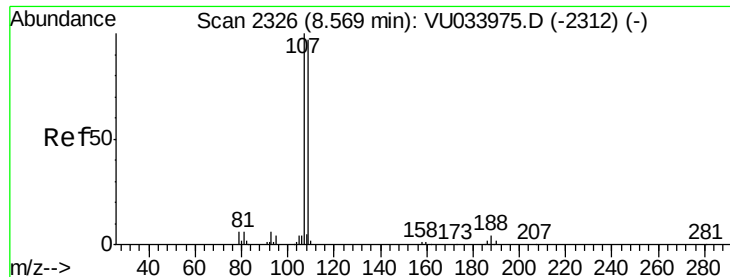
Tgt Ion: 43 Resp: 396196
Ion Ratio Lower Upper
43 100
58 58.2 29.5 88.6



#60
Dibromochloromethane
Concen: 20.672 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

Tgt Ion: 129 Resp: 84724
Ion Ratio Lower Upper
129 100
127 74.6 38.8 116.4





#61

1,2-Dibromoethane

Concen: 19.937 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

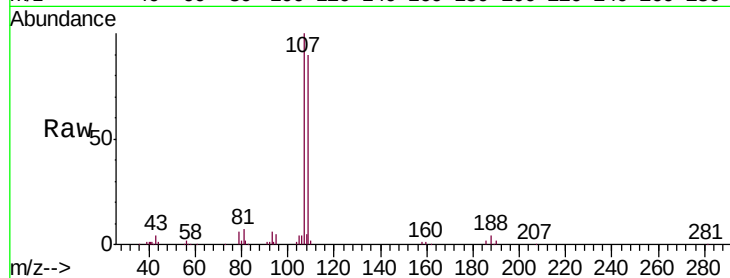
VSTDIC020

Tgt Ion: 107 Resp: 80469

Ion Ratio Lower Upper

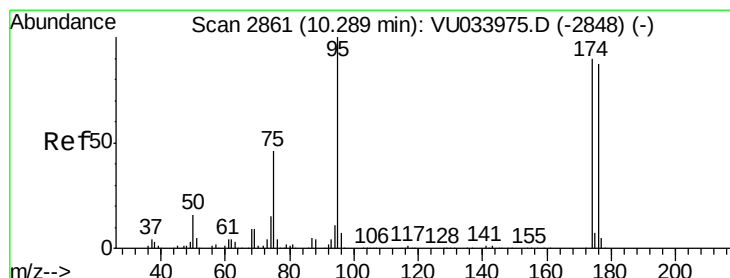
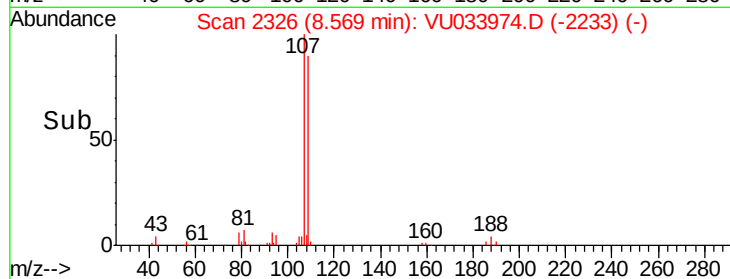
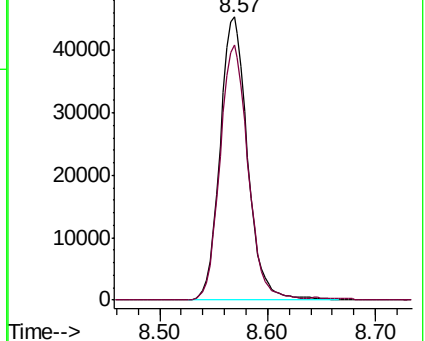
107 100

109 92.0 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: 18.687 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

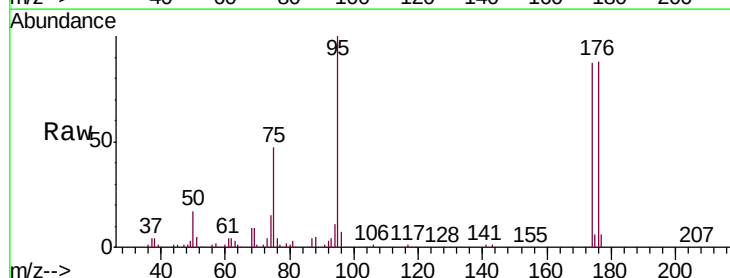
Tgt Ion: 95 Resp: 93642

Ion Ratio Lower Upper

95 100

174 90.9 0.0 183.8

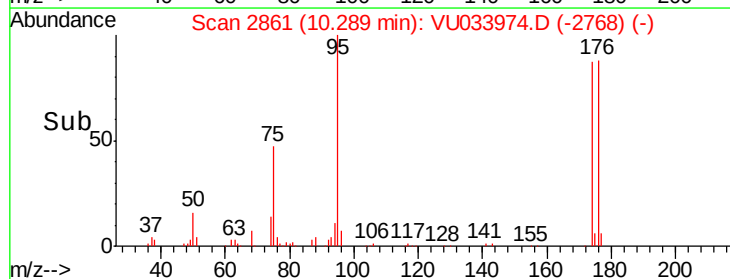
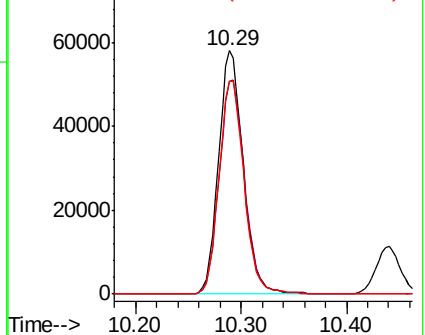
176 89.0 0.0 176.4

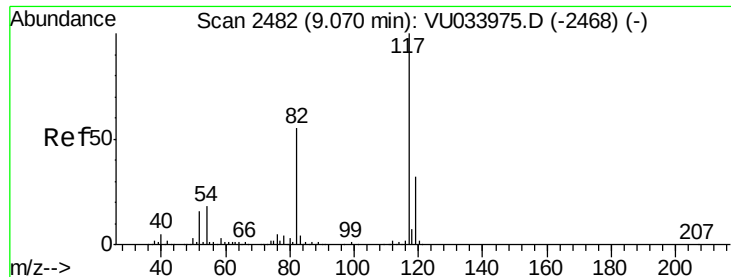


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

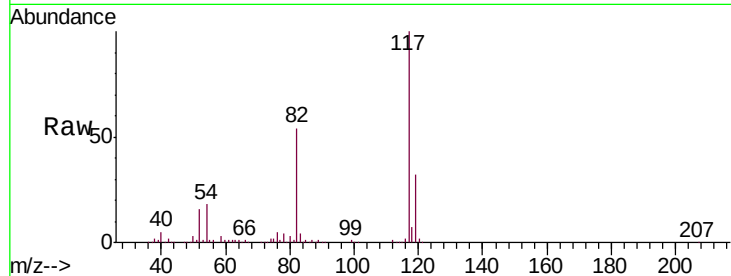




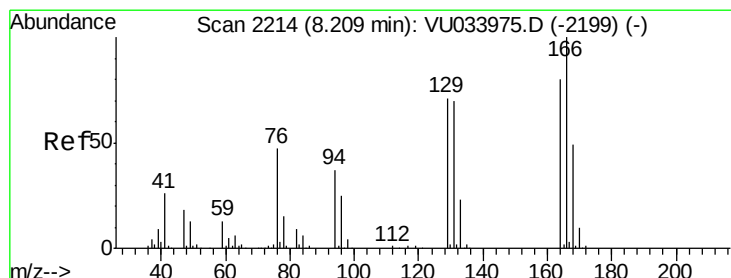
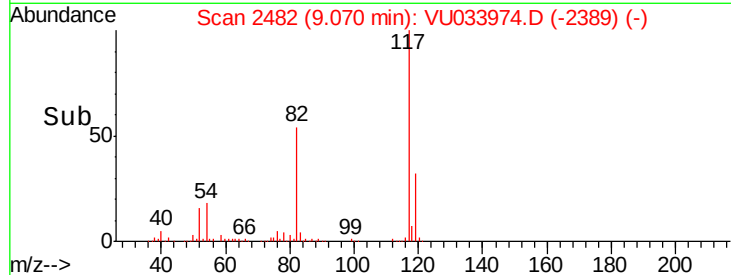
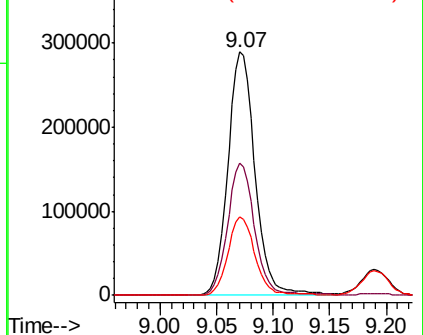
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 484608
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 32.0 25.7 38.5



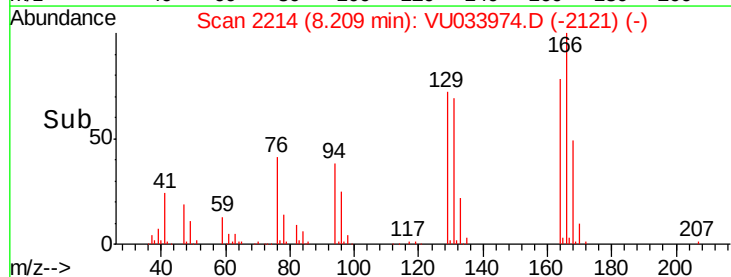
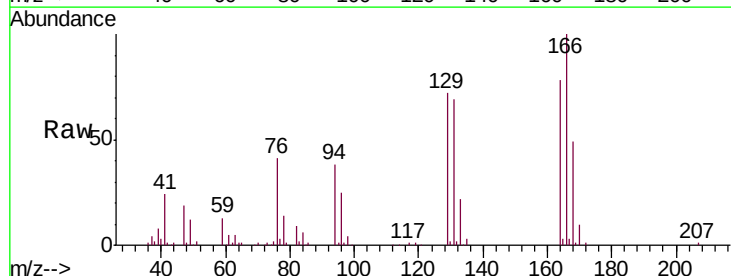
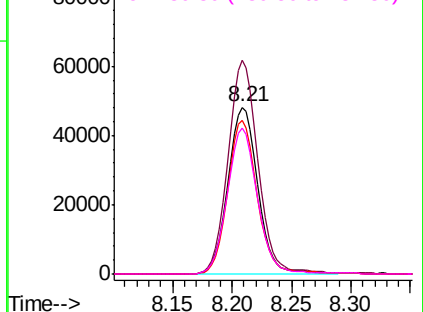
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

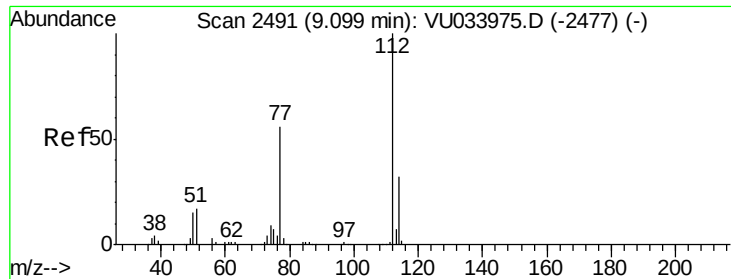


#64
Tetrachloroethene
Concen: 23.520 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

Tgt Ion:164 Resp: 84155
Ion Ratio Lower Upper
164 100
166 128.1 99.5 149.3
129 91.9 70.9 106.3
131 87.8 69.4 104.2

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





#65

Chlorobenzene

Concen: 20.367 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

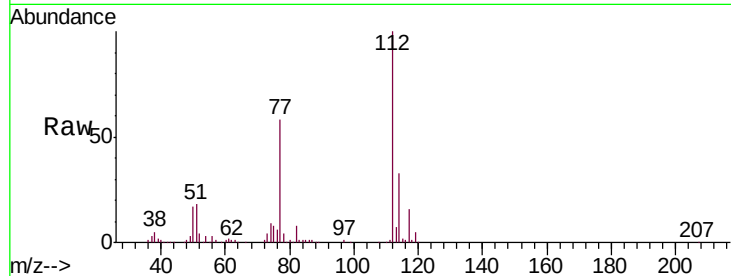
VSTDIC020

Tgt Ion:112 Resp: 203728

Ion Ratio Lower Upper

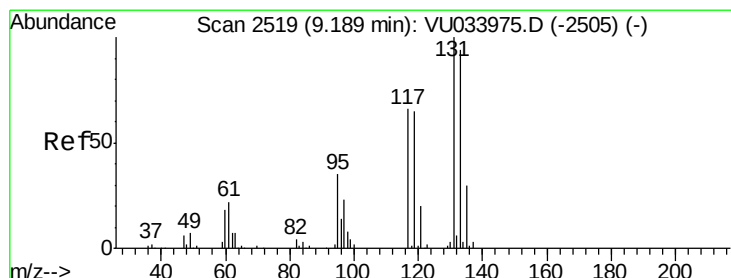
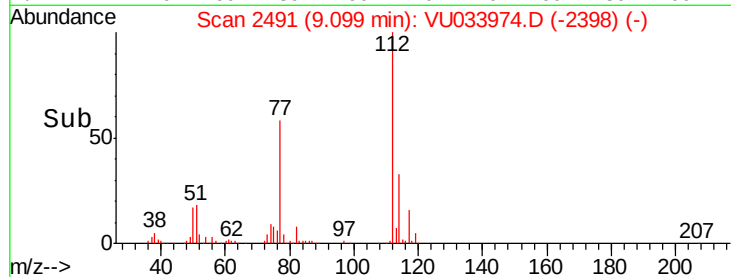
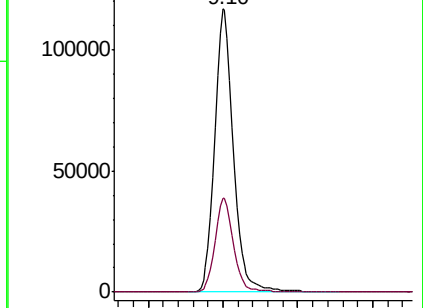
112 100

114 33.4 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.391 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

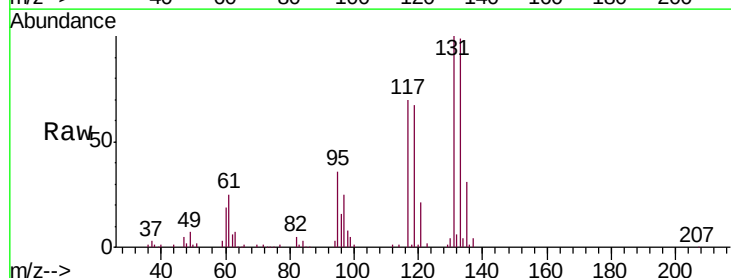
Tgt Ion:131 Resp: 75710

Ion Ratio Lower Upper

131 100

133 97.9 47.6 142.9

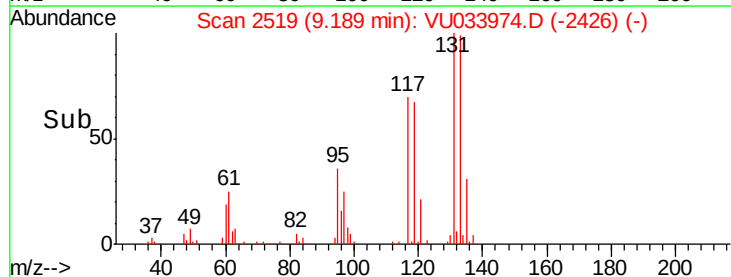
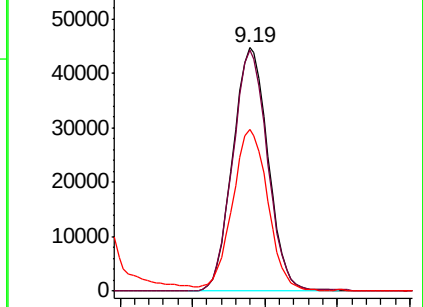
119 66.2 33.0 98.9

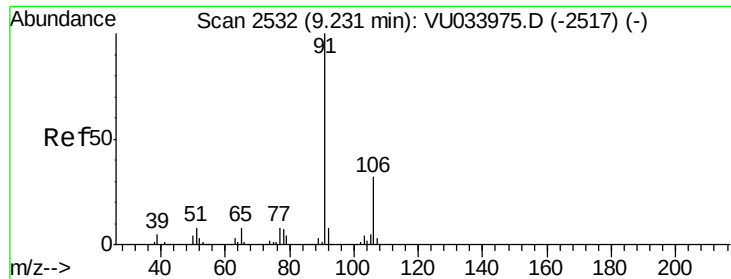


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.063 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

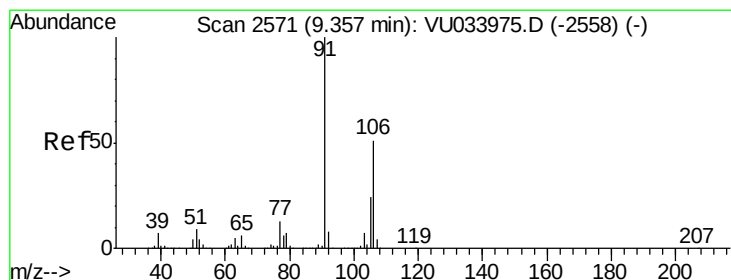
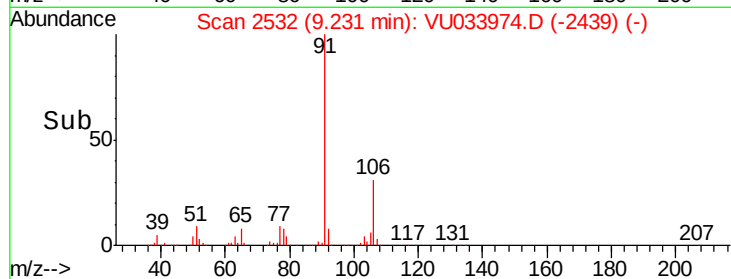
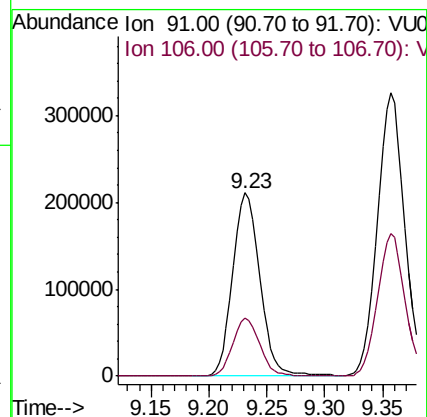
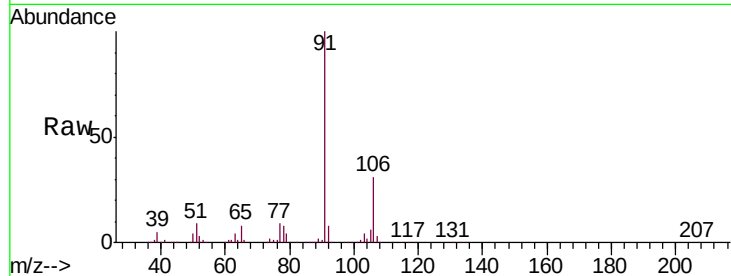
VSTDIC020

Tgt Ion: 91 Resp: 344003

Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.0



#68

m/p-Xylenes

Concen: 45.513 ug/l

RT: 9.36 min Scan# 2571

Delta R.T. -0.00 min

Lab File: VU033974.D

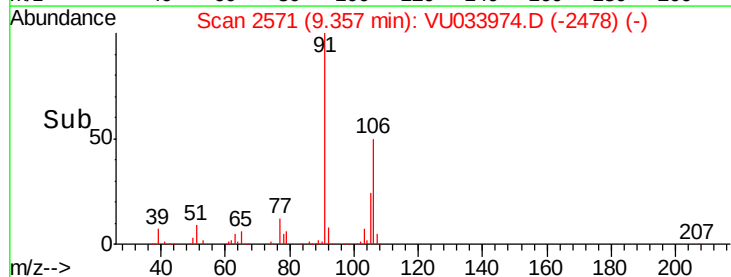
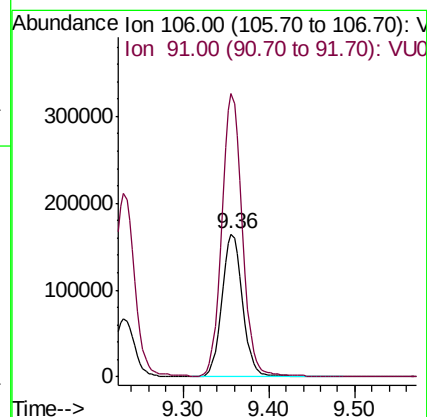
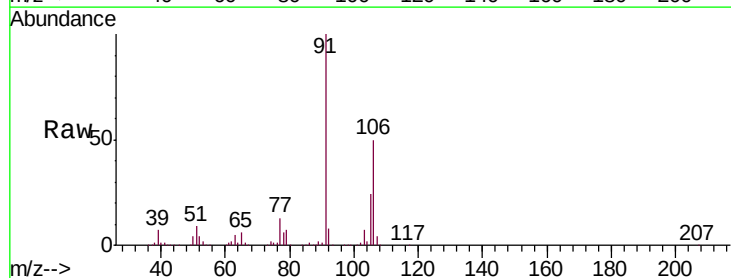
Acq: 27 Aug 2019 15:30

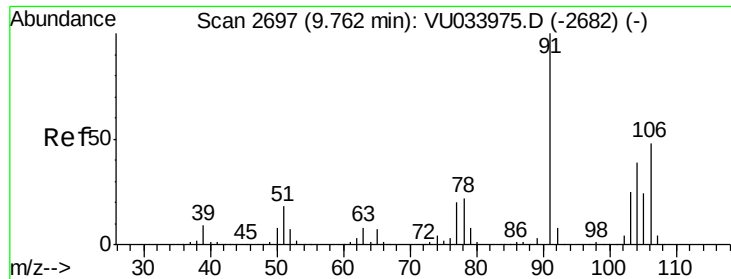
Tgt Ion: 106 Resp: 275168

Ion Ratio Lower Upper

106 100

91 196.9 158.4 237.6

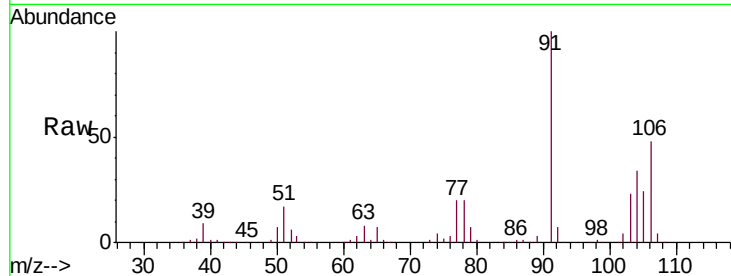




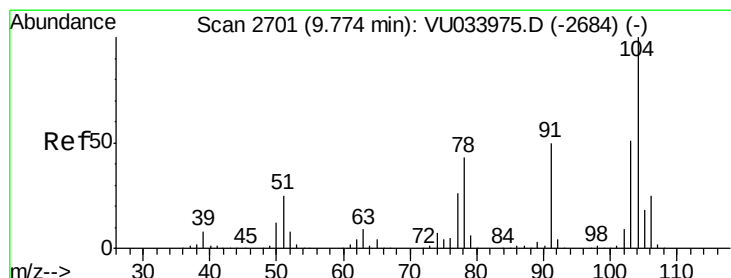
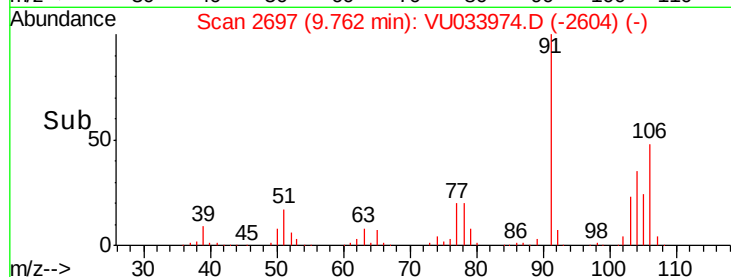
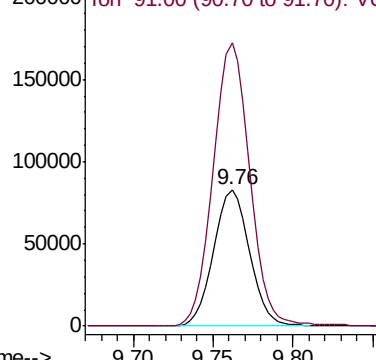
#69
o-Xylene
Concen: 22.032 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. -0.00 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 127408
Ion Ratio Lower Upper
106 100
91 211.5 104.5 313.3

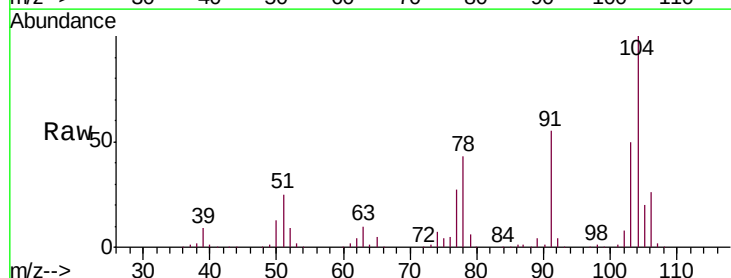


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

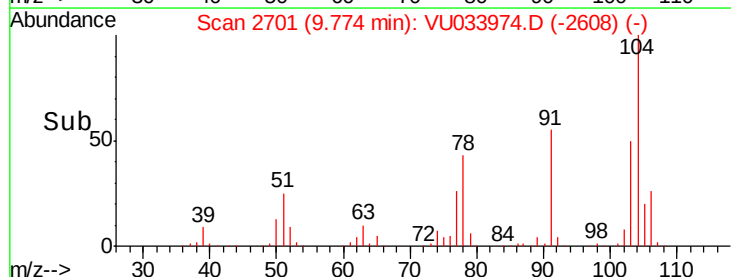
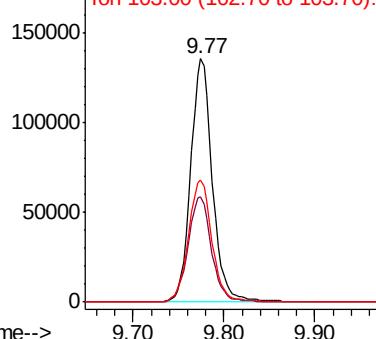


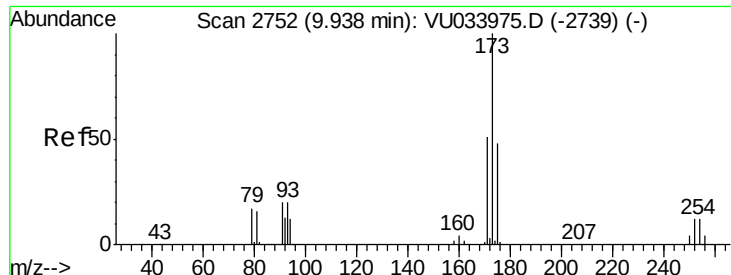
#70
Styrene
Concen: 22.526 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

Tgt Ion:104 Resp: 225018
Ion Ratio Lower Upper
104 100
78 47.0 37.5 56.3
103 54.6 43.9 65.9



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





#71

Bromoform

Concen: 20.911 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

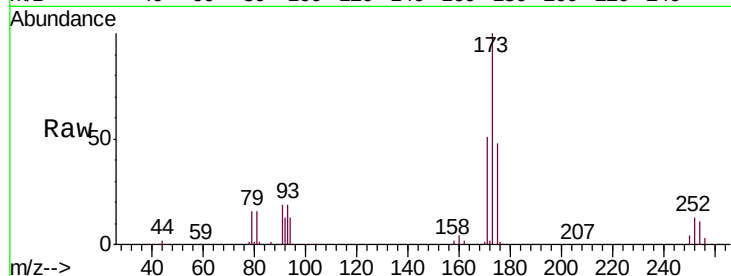
Tgt Ion:173 Resp: 65631

Ion Ratio Lower Upper

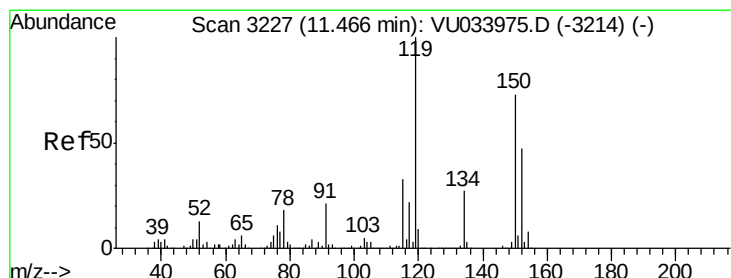
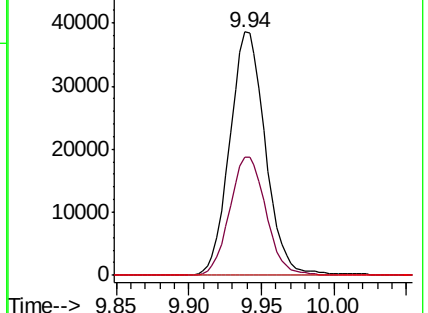
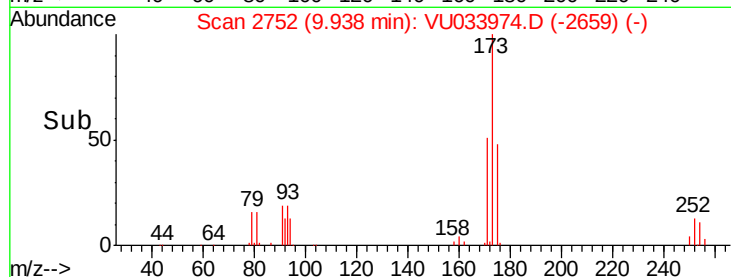
173 100

175 49.7 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: VU033974.D

Acq: 27 Aug 2019 15:30

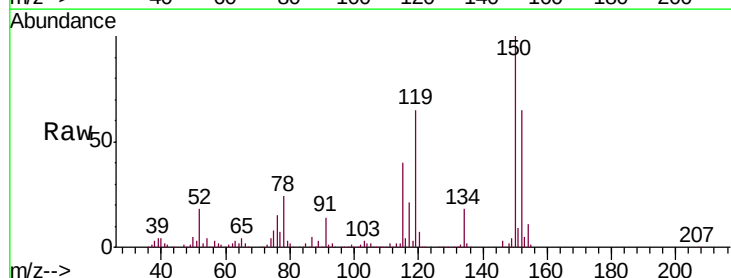
Tgt Ion:152 Resp: 259415

Ion Ratio Lower Upper

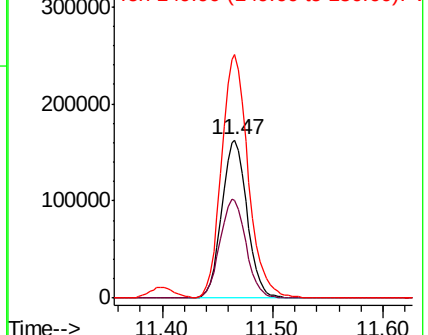
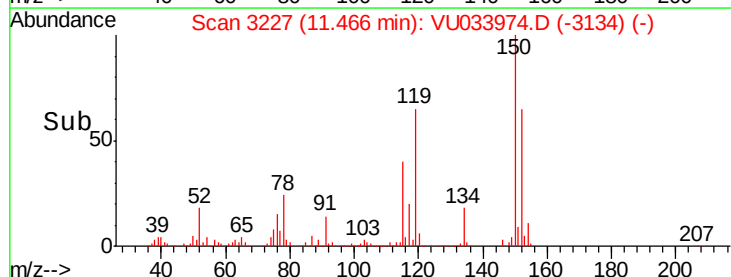
152 100

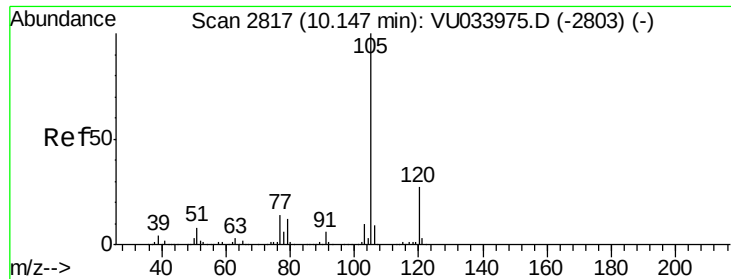
115 64.6 38.6 115.7

150 161.8 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

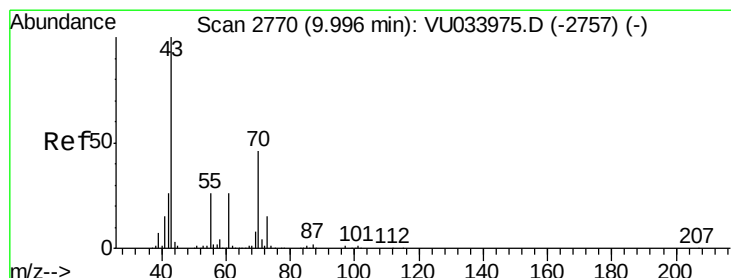
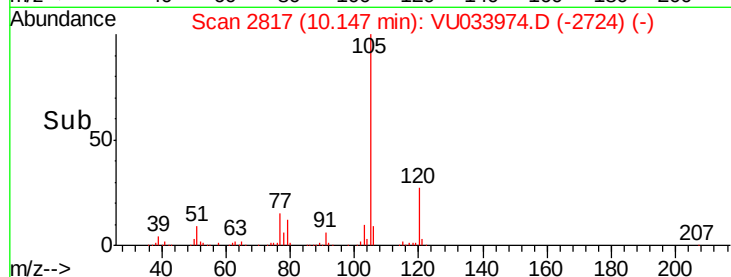
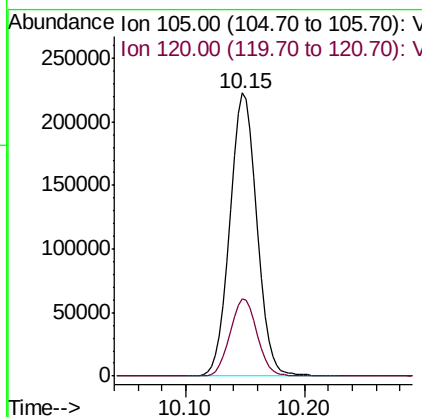
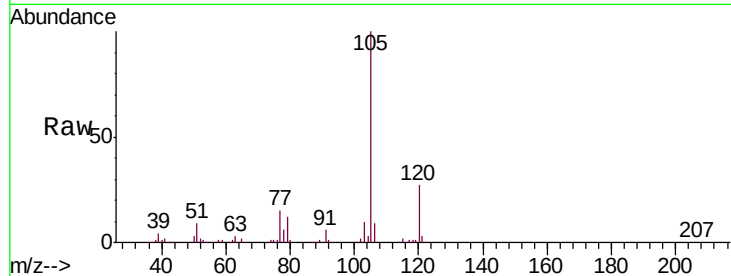




#73
Isopropylbenzene
Concen: 21.920 ug/l
RT: 10.15 min Scan# 2817
Delta R.T. -0.00 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

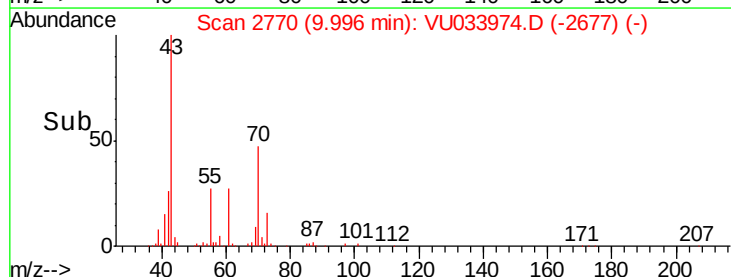
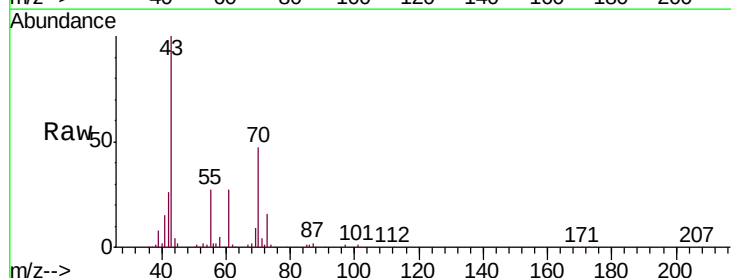
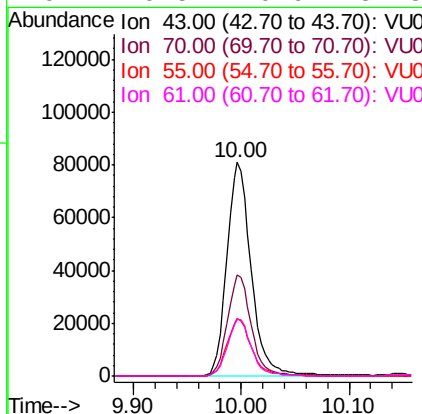
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

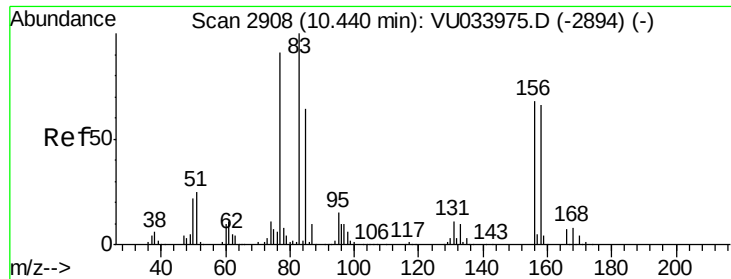
Tgt Ion: 105 Resp: 350595
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.5



#74
N-ethyl acetate
Concen: 18.808 ug/l
RT: 10.00 min Scan# 2770
Delta R.T. -0.00 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

Tgt Ion: 43 Resp: 126325
Ion Ratio Lower Upper
43 100
70 46.5 37.4 56.0
55 27.5 21.0 31.4
61 26.5 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.191 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

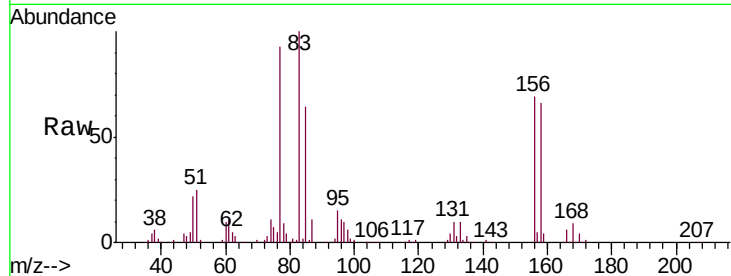
Tgt Ion: 83 Resp: 121816

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

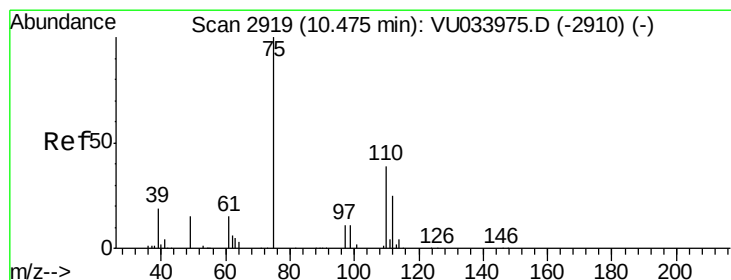
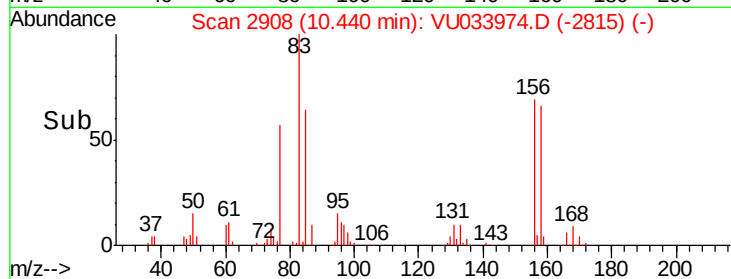
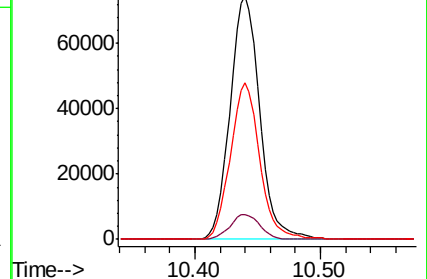
85 63.9 32.0 96.0



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) (-)



#76

1,2,3-Trichloropropane

Concen: 23.493 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. -0.00 min

Lab File: VU033974.D

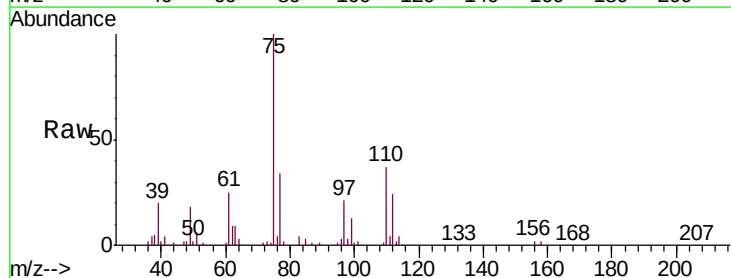
Acq: 27 Aug 2019 15:30

Tgt Ion: 75 Resp: 138499

Ion Ratio Lower Upper

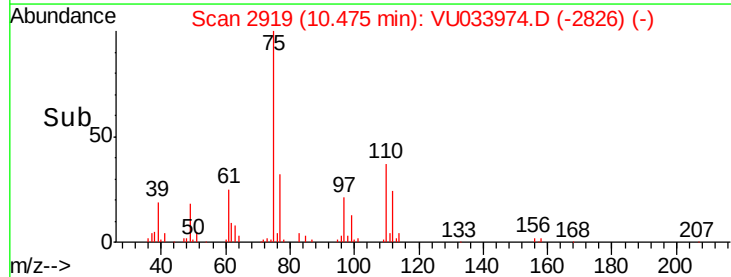
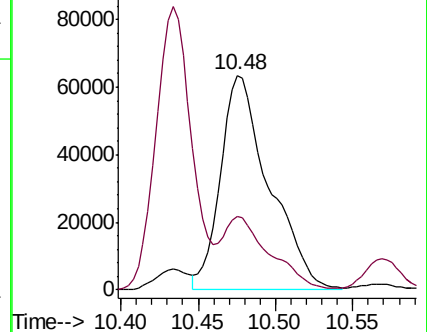
75 100

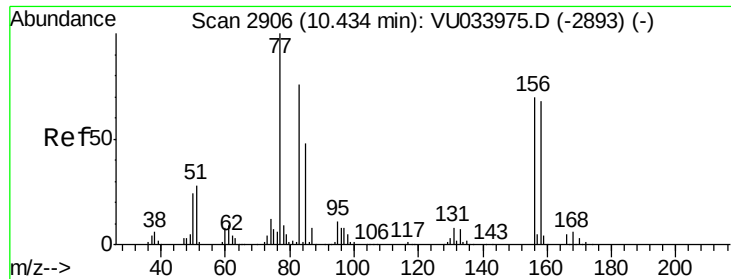
77 31.6 21.0 63.0



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

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





#77

Bromobenzene

Concen: 22.411 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampled :

VSTDIC020

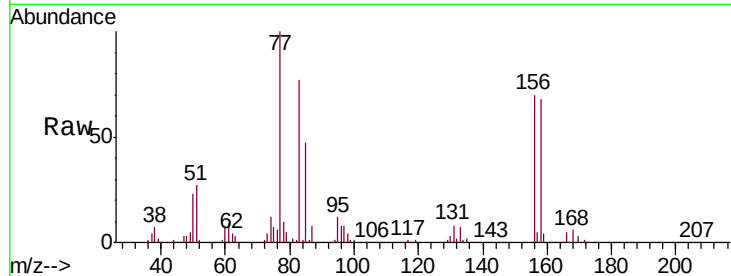
Tgt Ion:156 Resp: 96738

Ion Ratio Lower Upper

156 100

77 139.2 70.3 211.1

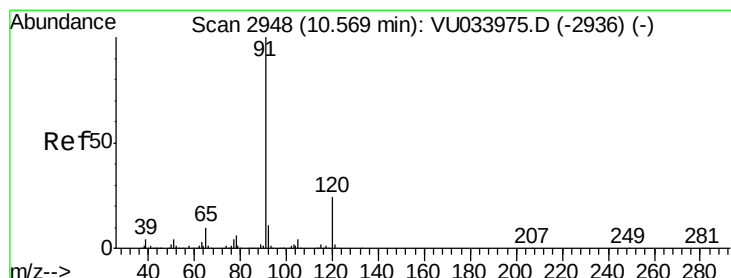
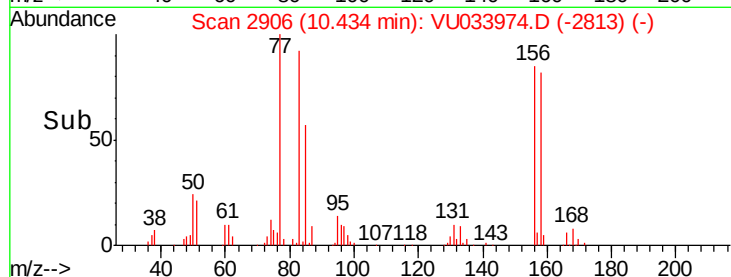
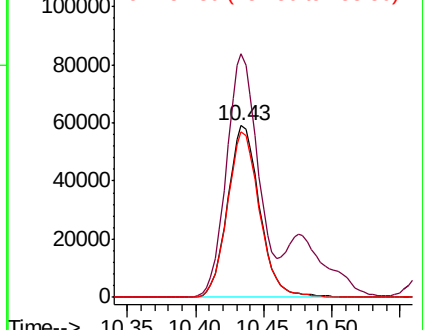
158 96.8 48.3 144.8



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: 21.020 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. -0.00 min

Lab File: VU033974.D

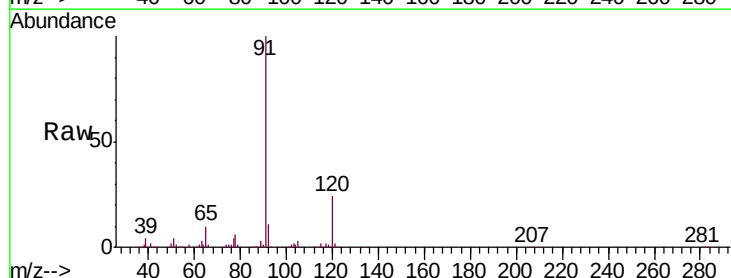
Acq: 27 Aug 2019 15:30

Tgt Ion: 91 Resp: 397683

Ion Ratio Lower Upper

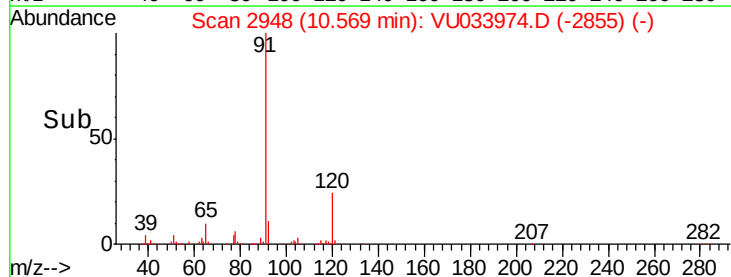
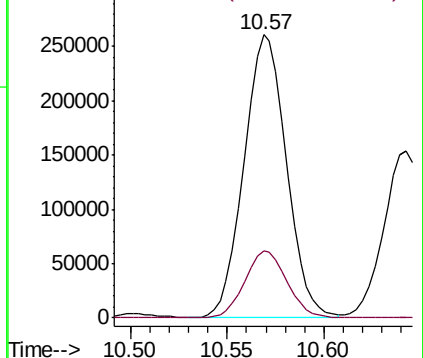
91 100

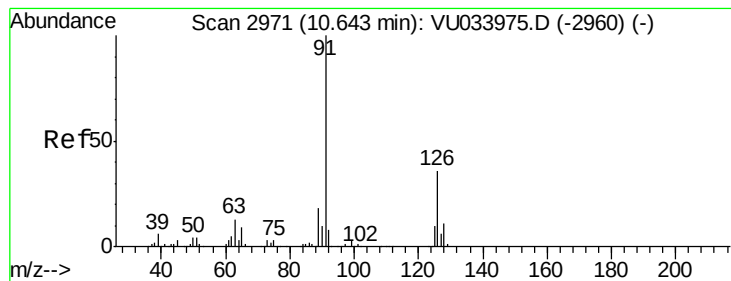
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.364 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

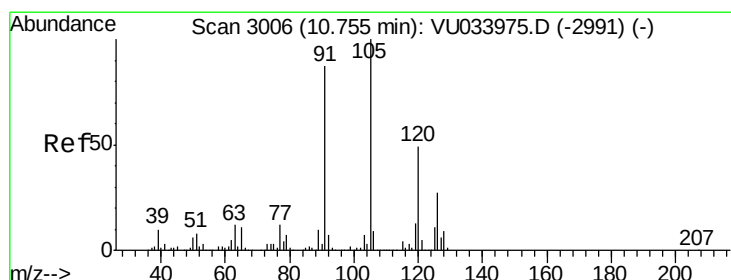
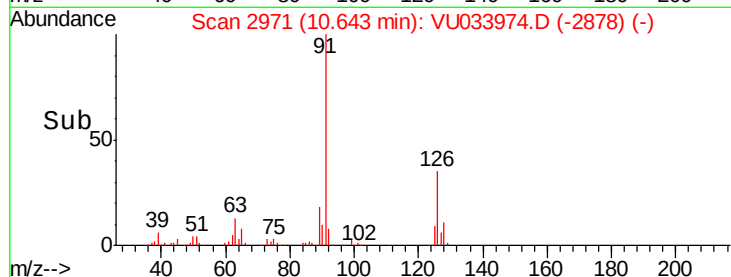
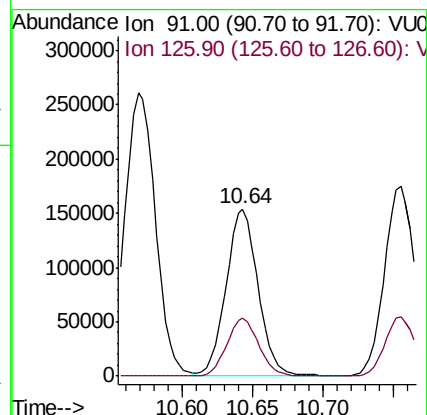
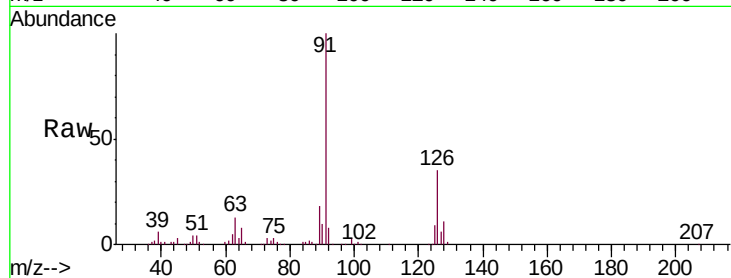
VSTDIC020

Tgt Ion: 91 Resp: 242492

Ion Ratio Lower Upper

91 100

126 34.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 22.432 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033974.D

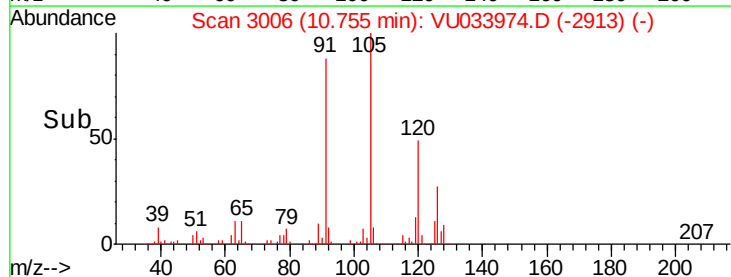
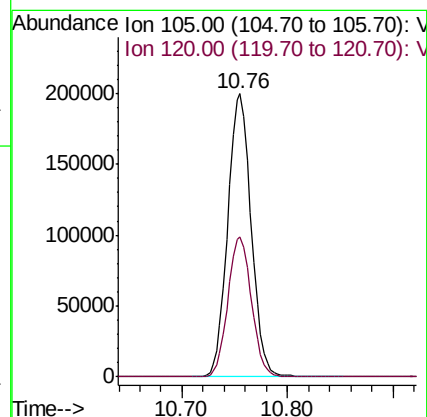
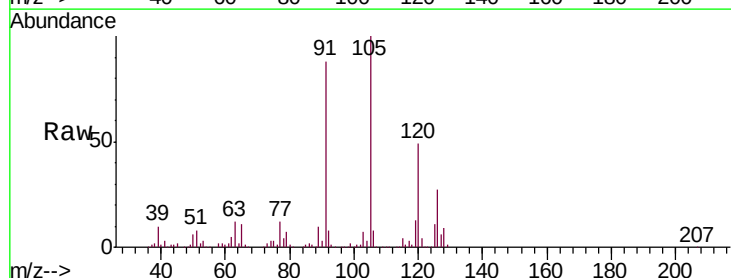
Acq: 27 Aug 2019 15:30

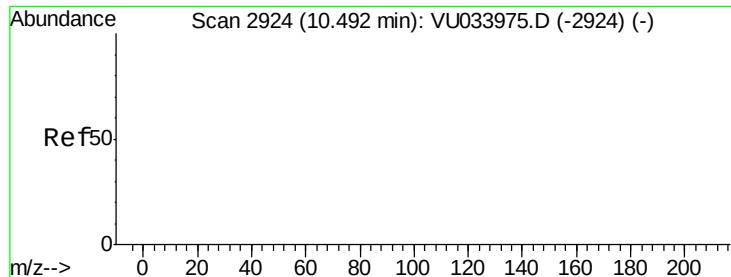
Tgt Ion: 105 Resp: 306957

Ion Ratio Lower Upper

105 100

120 49.9 24.6 73.6

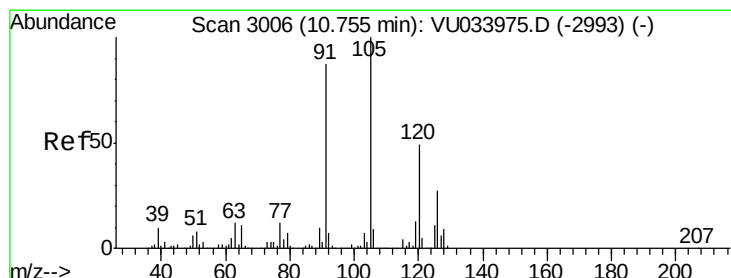
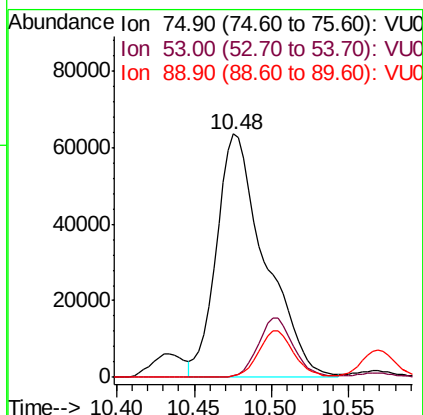
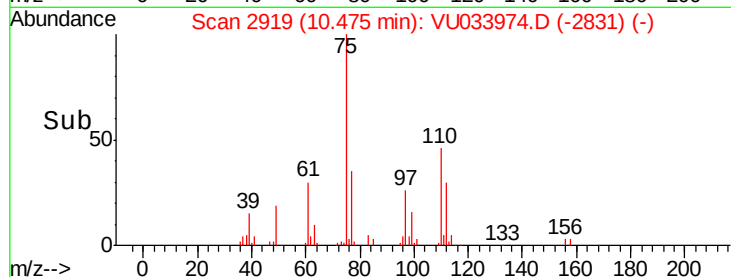
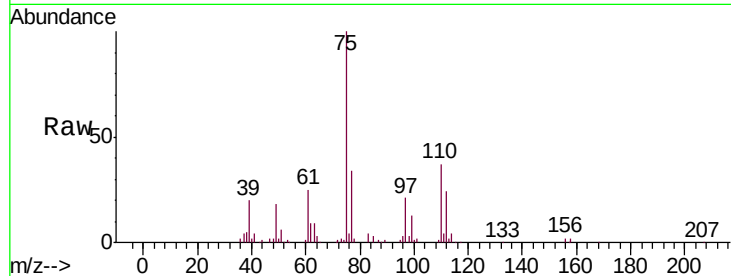




#81
trans-1,4-Dichloro-2-butene
Concen: 64.284 ug/l
RT: 10.48 min Scan# 2919
Delta R.T. -0.02 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

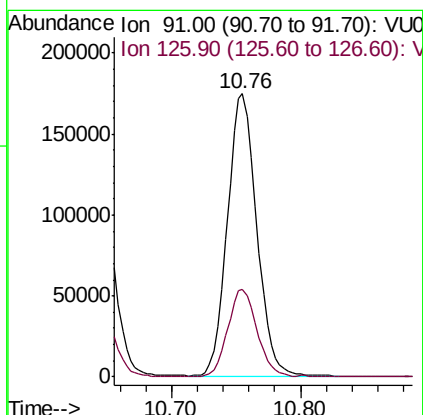
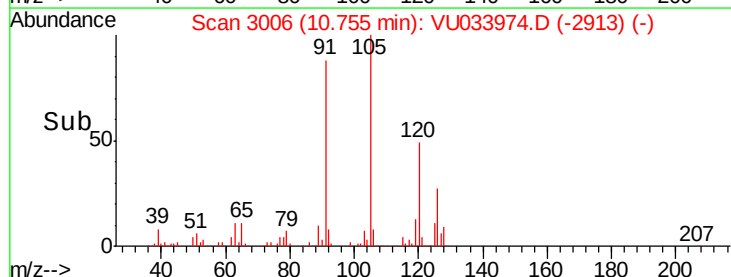
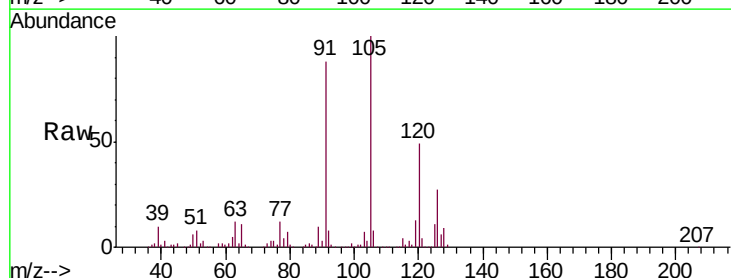
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

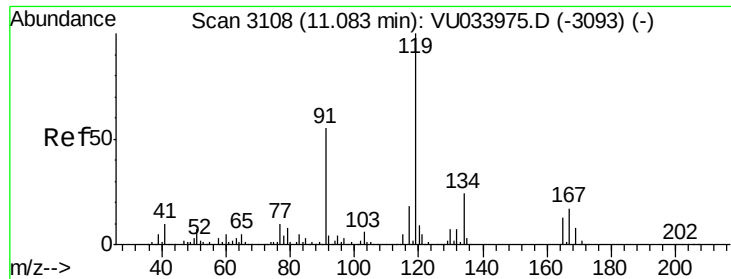
Tgt Ion: 75 Resp: 138499
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 20.543 ug/l
RT: 10.76 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VU033974.D
Acq: 27 Aug 2019 15:30

Tgt Ion: 91 Resp: 273638
Ion Ratio Lower Upper
91 100
126 30.9 15.4 46.4

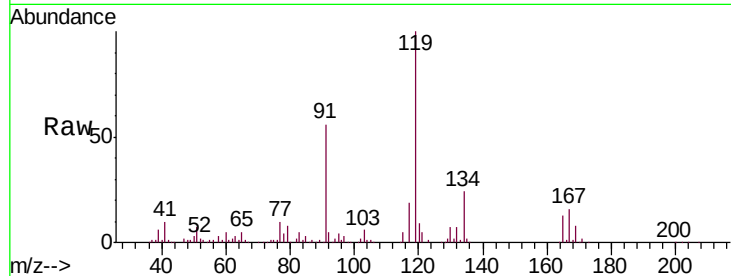




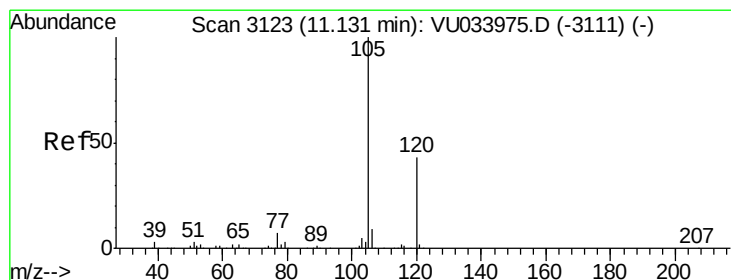
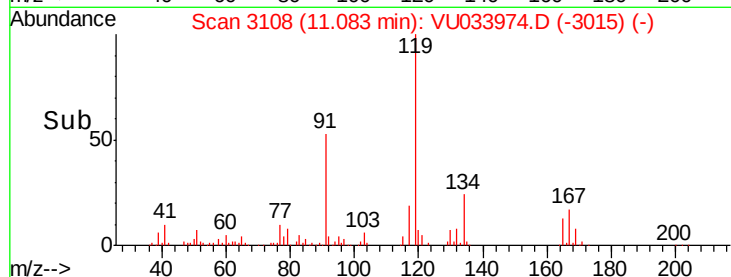
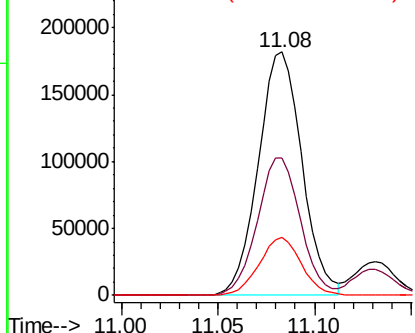
#83
 tert-Butylbenzene
 Concen: 22.363 ug/l
 RT: 11.08 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:119 Resp: 286539
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.6 82.8
 134 22.9 11.6 34.7

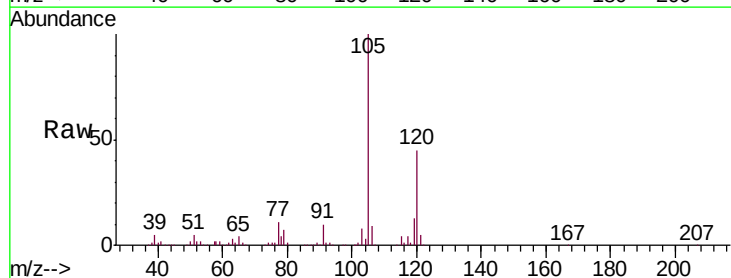


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

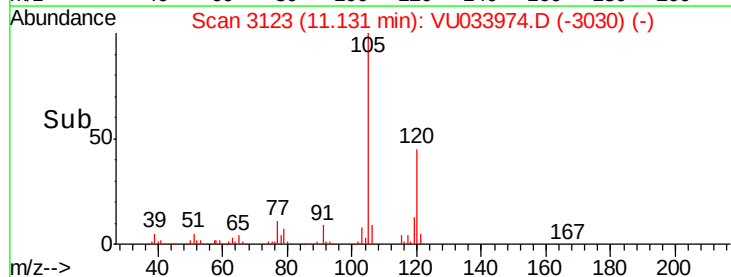
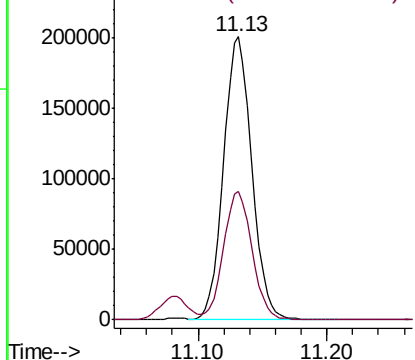


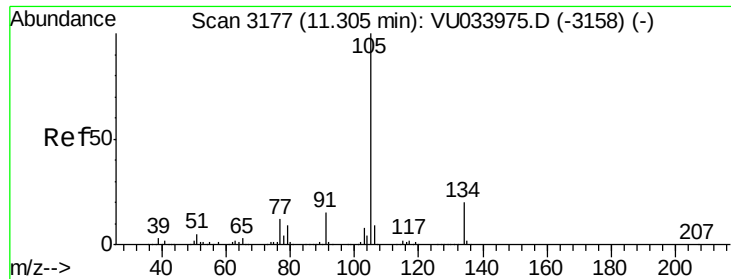
#84
 1,2,4-Trimethylbenzene
 Concen: 22.765 ug/l
 RT: 11.13 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

Tgt Ion:105 Resp: 302665
 Ion Ratio Lower Upper
 105 100
 120 45.9 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: 21.792 ug/l

RT: 11.30 min Scan# 3177

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

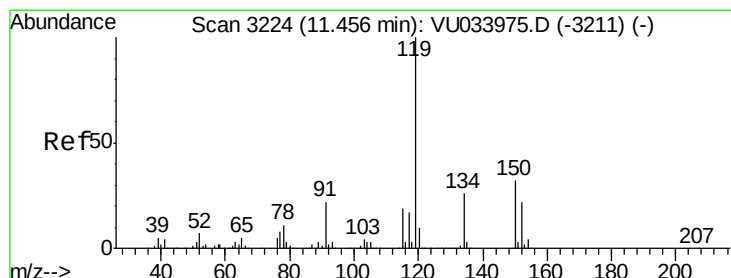
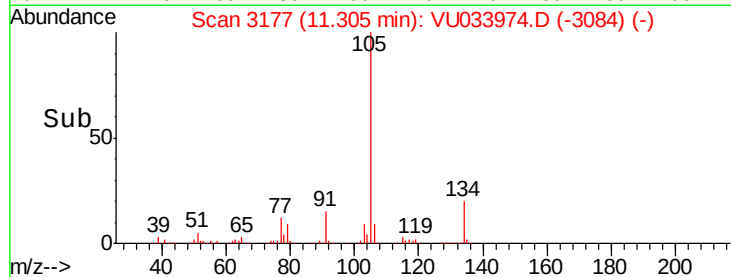
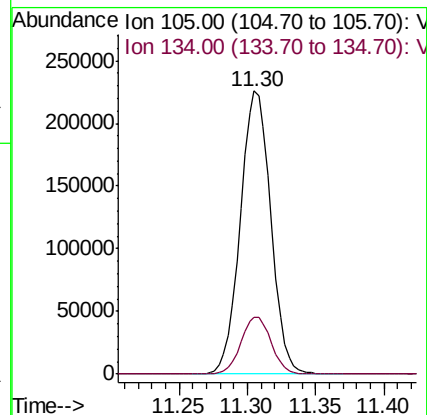
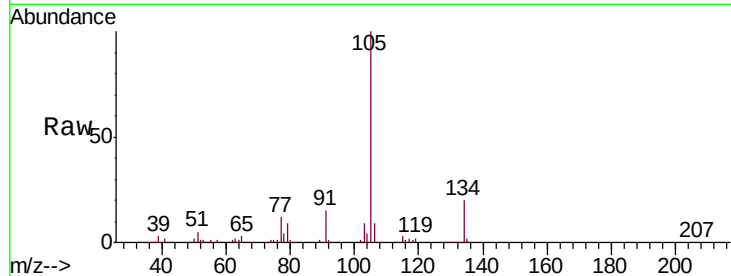
VSTDIC020

Tgt Ion:105 Resp: 348833

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 22.485 ug/l

RT: 11.46 min Scan# 3225

Delta R.T. 0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

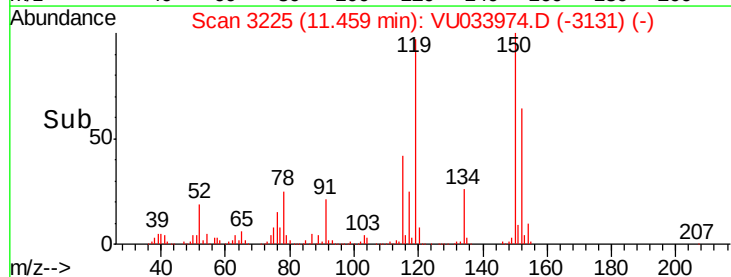
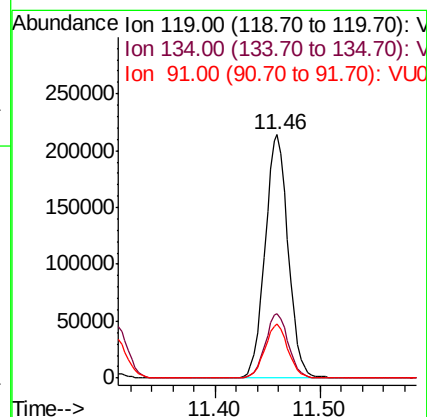
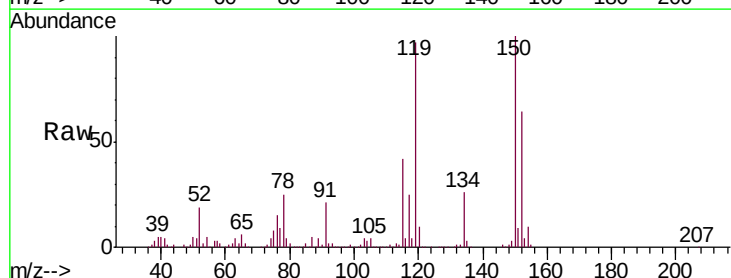
Tgt Ion:119 Resp: 328059

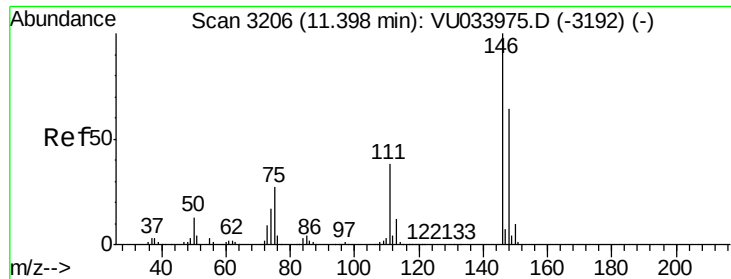
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 21.9 10.9 32.9

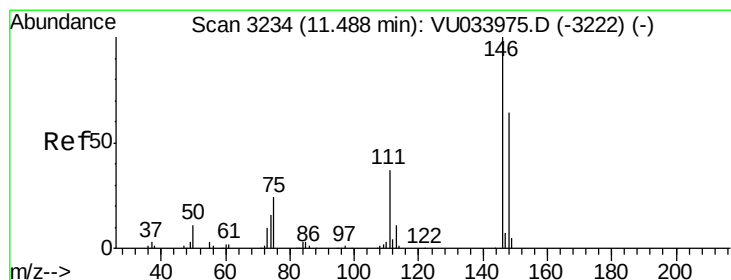
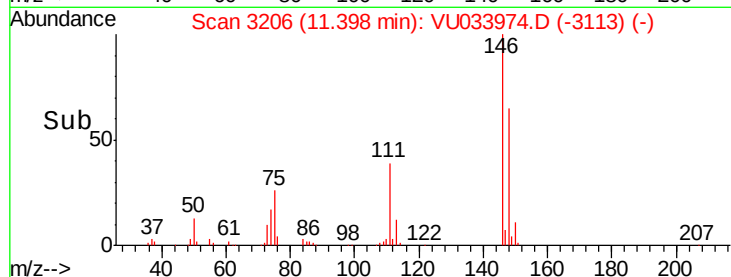
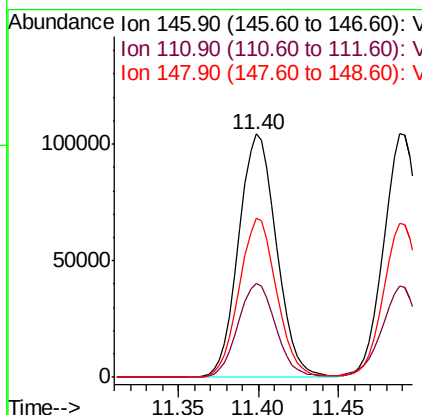
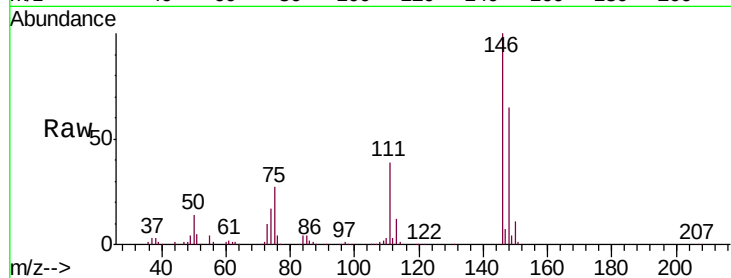




#87
 1,3-Dichlorobenzene
 Concen: 20.735 ug/l
 RT: 11.40 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

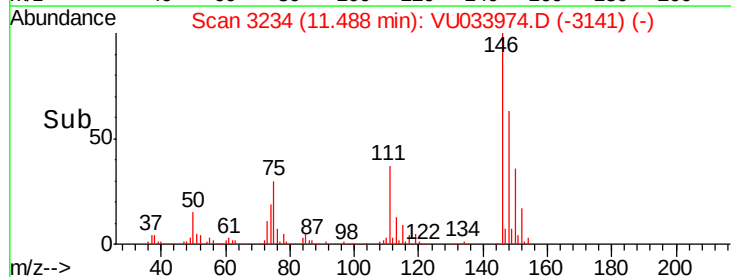
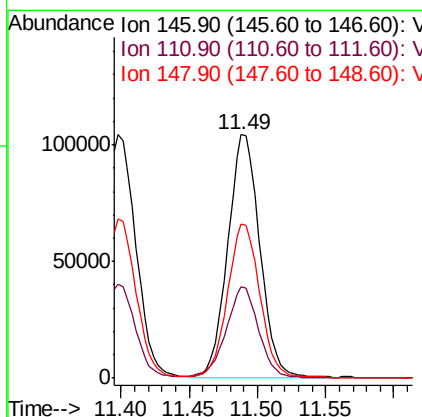
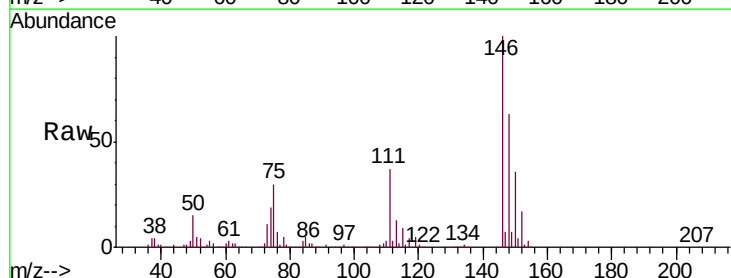
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

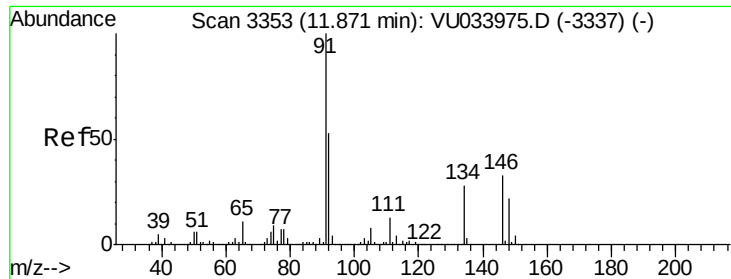
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.4
148	64.8	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 20.193 ug/l
 RT: 11.49 min Scan# 3234
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.4
148	64.3	31.9	95.7





#89

n-Butylbenzene

Concen: 20.593 ug/l

RT: 11.87 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

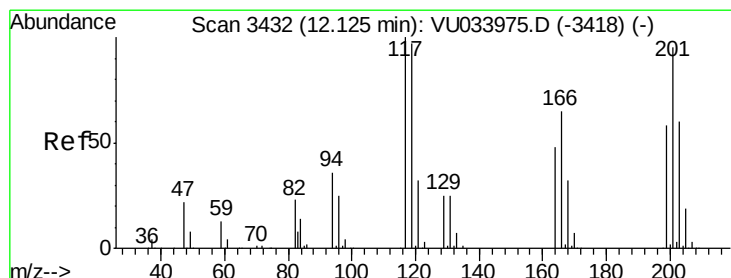
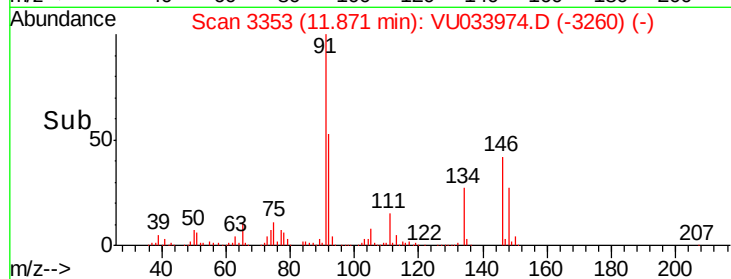
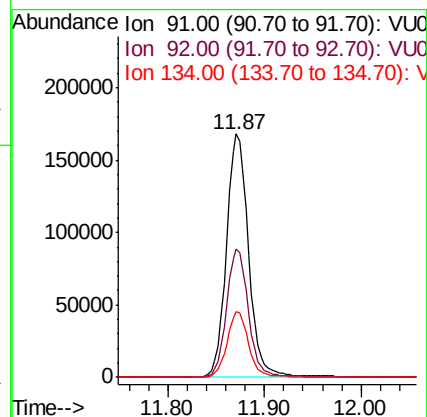
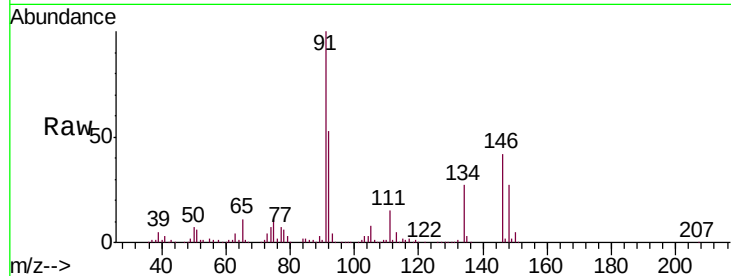
Tgt Ion: 91 Resp: 268053

Ion Ratio Lower Upper

91 100

92 51.9 26.7 80.0

134 26.2 13.6 40.8



#90

Hexachloroethane

Concen: 18.193 ug/l

RT: 12.12 min Scan# 3432

Delta R.T. -0.00 min

Lab File: VU033974.D

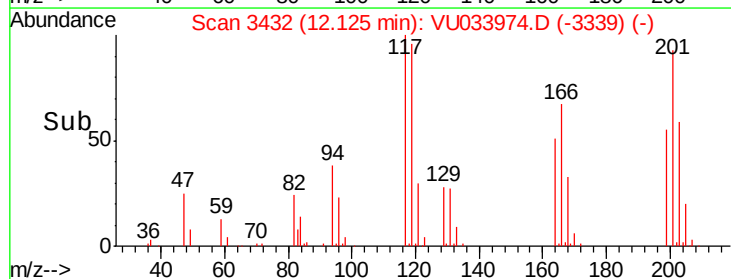
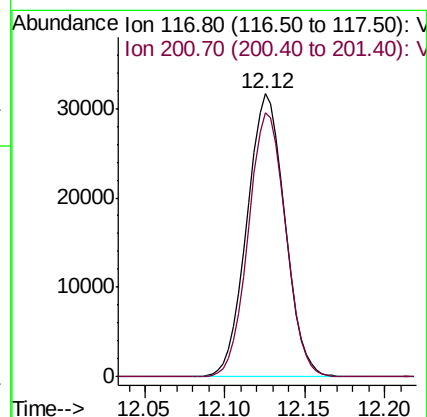
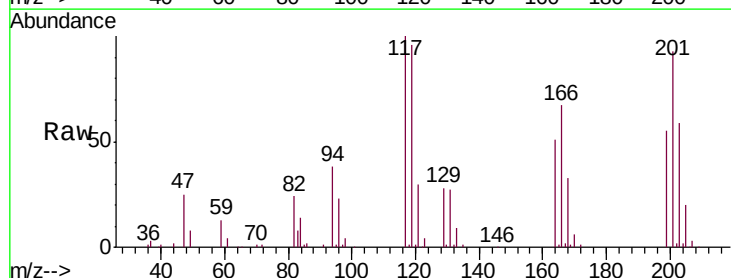
Acq: 27 Aug 2019 15:30

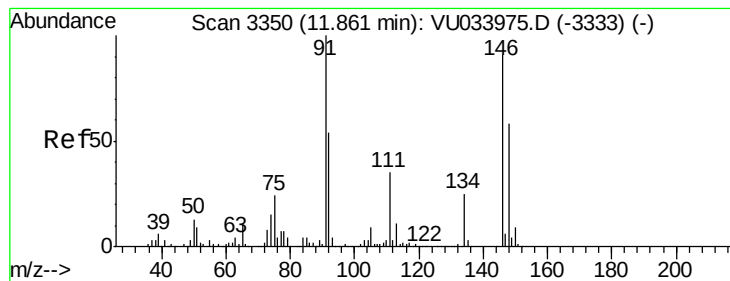
Tgt Ion: 117 Resp: 51067

Ion Ratio Lower Upper

117 100

201 91.9 47.5 142.5





#91

1,2-Dichlorobenzene

Concen: 21.581 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

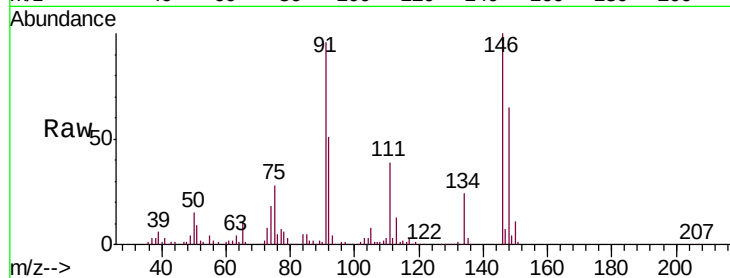
Tgt Ion:146 Resp: 168455

Ion Ratio Lower Upper

146 100

111 38.3 19.8 59.3

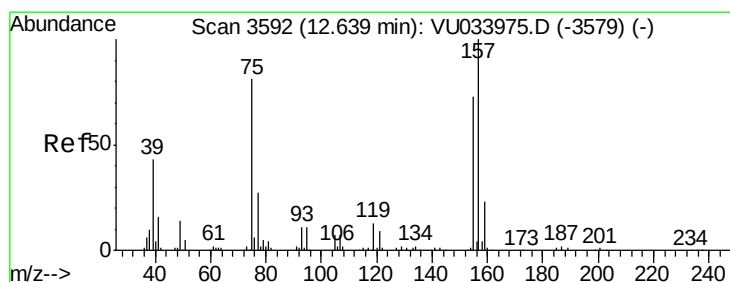
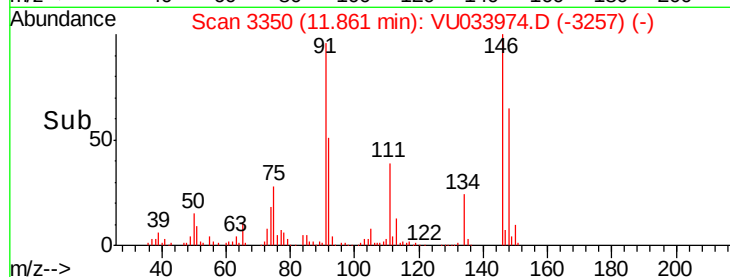
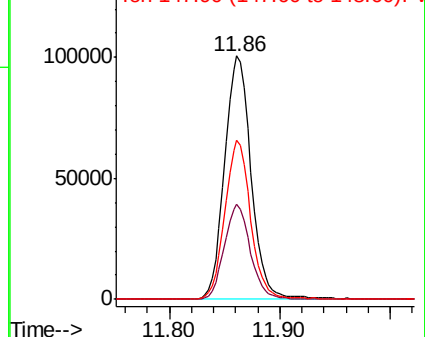
148 63.6 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.197 ug/l

RT: 12.64 min Scan# 3592

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

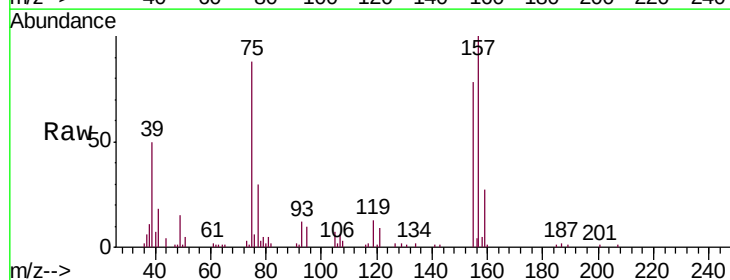
Tgt Ion: 75 Resp: 25060

Ion Ratio Lower Upper

75 100

155 94.2 46.9 140.6

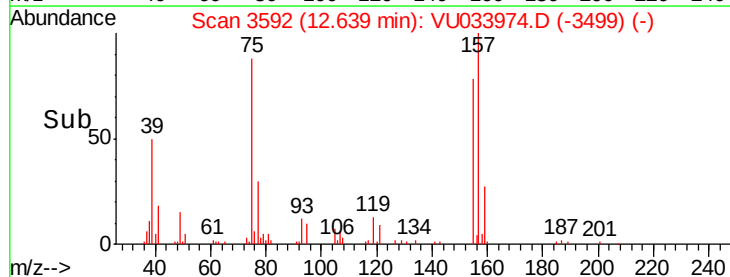
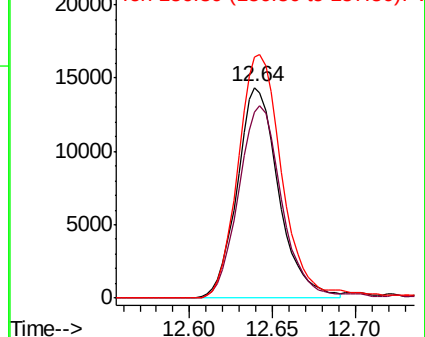
157 123.6 61.2 183.6

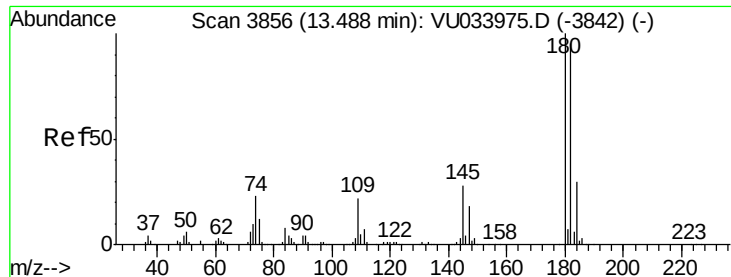


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

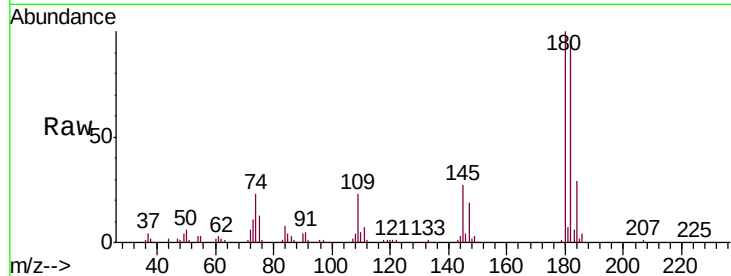




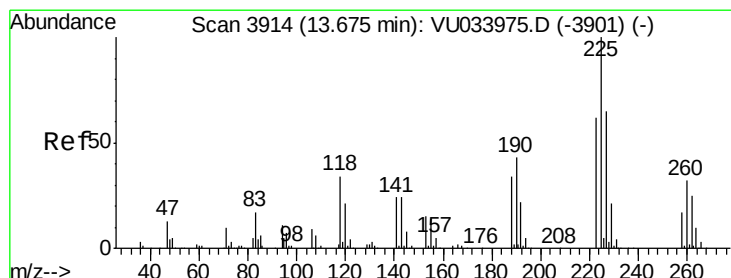
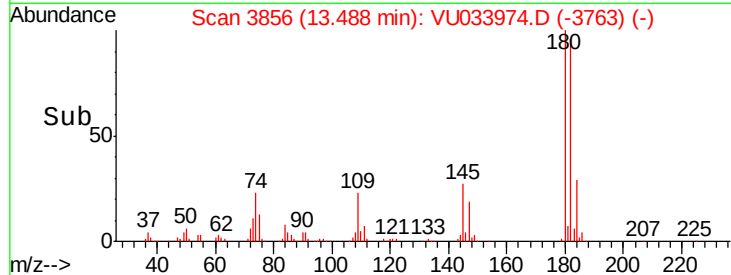
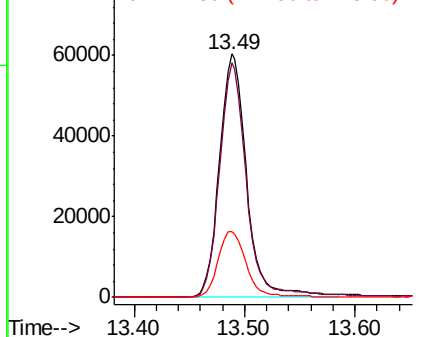
#93
 1,2,4-Trichlorobenzene
 Concen: 22.059 ug/l
 RT: 13.49 min Scan# 3856
 Delta R.T. -0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 103950
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.4 142.2
 145 27.5 14.4 43.2

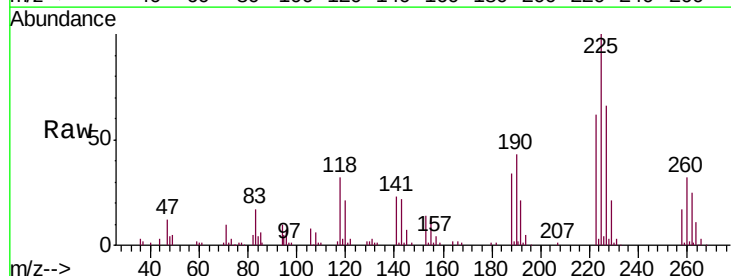


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

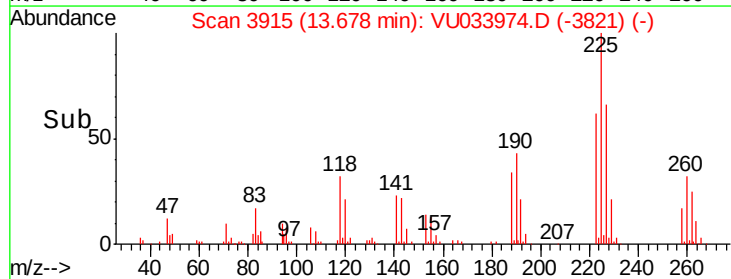
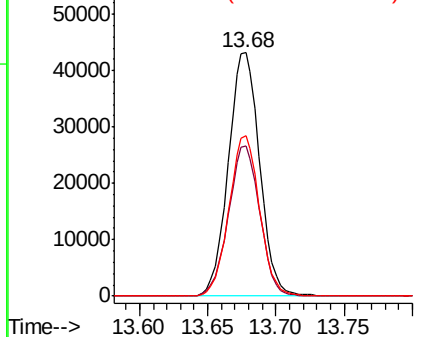


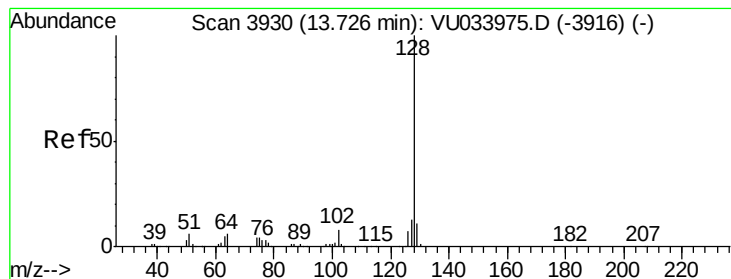
#94
 Hexachlorobutadiene
 Concen: 23.163 ug/l
 RT: 13.68 min Scan# 3915
 Delta R.T. 0.00 min
 Lab File: VU033974.D
 Acq: 27 Aug 2019 15:30

Tgt Ion:225 Resp: 68749
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.7 95.1
 227 64.2 33.0 99.0



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





#95

Naphthalene

Concen: 21.080 ug/l

RT: 13.73 min Scan# 3930

Delta R.T. -0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

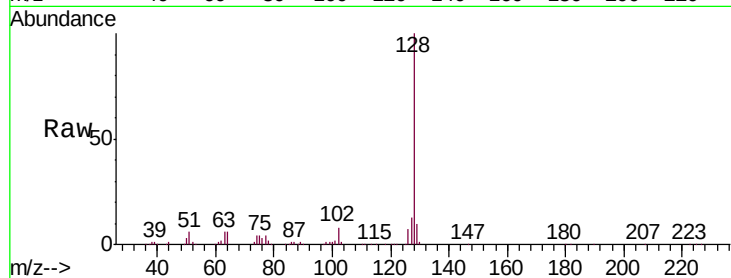
Tgt Ion:128 Resp: 271773

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

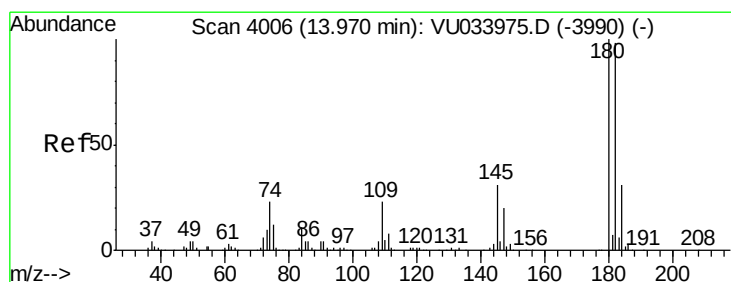
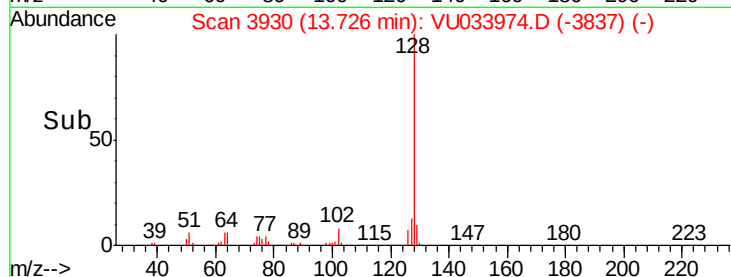
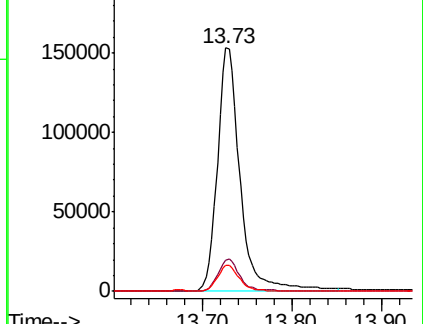
129 9.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.942 ug/l

RT: 13.97 min Scan# 4007

Delta R.T. 0.00 min

Lab File: VU033974.D

Acq: 27 Aug 2019 15:30

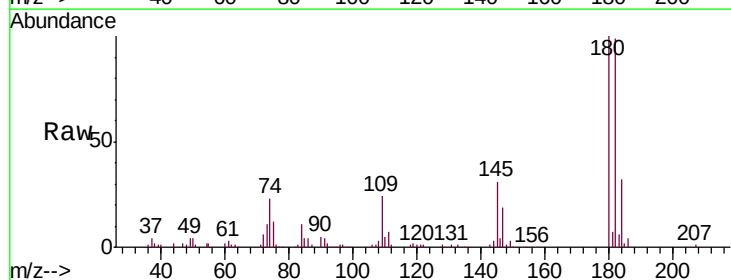
Tgt Ion:180 Resp: 103937

Ion Ratio Lower Upper

180 100

182 97.5 48.4 145.3

145 30.5 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

