

Data File : VU033363.D
Acq On : 22 Jul 2019 20:34
Operator : JC/SP
Sample : VSTDIC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Quant Time: Jul 23 01:50:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	31877	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.29	95	11884	1.04	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	12933	1.20	ug/l	0.00
Spiked Amount	1.000		Recovery	=	120.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	64270	4.519 ug/l	99
3) Chloromethane	1.32	50	69601	4.144 ug/l	98
4) Vinyl Chloride	1.39	62	79141	4.841 ug/l	98
5) Bromomethane	1.62	94	50996	6.148 ug/l	98
6) Chloroethane	1.69	64	54576	5.684 ug/l	100
7) Trichlorofluoromethane	1.87	101	107600	5.598 ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	56086	5.892 ug/l	98
9) 1,1-Dichloroethene	2.27	96	55654	5.880 ug/l	98
10) Iodomethane	2.40	142	76824	7.099 ug/l	99
11) Allyl Chloride	2.58	41	90491	4.576 ug/l	99
12) Acrylonitrile	2.93	53	28854	10.202 ug/l	98
13) Acetone	2.32	43	61658	24.219 ug/l	99
14) Carbon Disulfide	2.46	76	205889	5.687 ug/l	100
15) Methylene Chloride	2.68	84	68682	5.715 ug/l	98
16) trans-1,2-Dichloroethene	2.96	96	62880	5.911 ug/l	94
17) 1,1-Dichloroethane	3.42	63	86423	4.168 ug/l	99
18) 2-Butanone	4.26	43	64838	20.454 ug/l	98
19) Cyclohexane	4.96	56	57829	3.663 ug/l	90
20) Methylcyclohexane	6.39	83	66715	5.099 ug/l	98
21) 2,2-Dichloropropane	4.20	77	70007	4.554 ug/l	100
22) cis-1,2-Dichloroethene	4.20	96	50329	4.659 ug/l	99
23) Diethyl Ether	2.09	59	47561	5.332 ug/l	98
24) tert-Butyl Alcohol	2.85	59	64089	66.127 ug/l	100
25) Methyl tert-Butyl Ether	2.99	73	159749	5.815 ug/l	99
26) Bromochloromethane	4.52	128	21342	4.652 ug/l	96
27) Chloroform	4.65	83	92748	4.737 ug/l	100
28) 1,1,1-Trichloroethane	4.89	97	78550	4.745 ug/l	100
29) 1,1-Dichloropropene	5.11	75	65380	4.918 ug/l	98
30) Carbon Tetrachloride	5.11	117	68901	4.862 ug/l	98
31) Isopropyl Ether	3.56	45	109363	3.606 ug/l	97
32) Ethyl-t-butyl ether	4.05	59	107070	4.266 ug/l	99
33) Tert-Amyl methyl ether	5.56	73	99194	4.867 ug/l	99
34) Propionitrile	4.33	54	19717	22.825 ug/l #	97
35) Benzene	5.36	78	186907	4.605 ug/l	100
36) 1,2-Dichloroethane	5.38	62	62649	4.703 ug/l	99
37) Trichloroethene	6.16	130	48834	4.842 ug/l	97
38) 1,2-Dichloropropane	6.41	63	52080	4.554 ug/l	99
39) Methacrylonitrile	4.53	41	14736	4.169 ug/l	98
40) Methyl acrylate	4.41	55	23835	5.082 ug/l #	95
41) Tetrahydrofuran	4.63	42	15304	7.840 ug/l	98
42) 1-Chlorobutane	5.04	56	88777	4.470 ug/l	99

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ClientSampleId :
VSTDIC005

Quant Time: Jul 23 01:50:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	29479	5.129	ug/l	98
44) Bromodichloromethane	6.74	83	67969	4.800	ug/l	100
45) 4-Methyl-2-Pentanone	7.45	43	152388	22.807	ug/l	99
46) t-1,4-Dichloro-2-butene	10.48	75	30988	14.319	ug/l	87
47) Methyl methacrylate	6.61	69	46064	10.487	ug/l	98
48) Ethyl methacrylate	8.01	69	41117	5.377	ug/l	97
49) Toluene	7.62	92	111993	5.231	ug/l	98
50) t-1,3-Dichloropropene	7.86	75	58791	5.241	ug/l	97
51) cis-1,3-Dichloropropene	7.25	75	67671	4.994	ug/l	98
52) 1,1,2-Trichloroethane	8.05	97	37902	5.027	ug/l	96
53) 1,3-Dichloropropane	8.22	76	66095	5.061	ug/l	99
54) 2-Hexanone	8.35	43	110255	24.358	ug/l	97
55) Dibromochloromethane	8.46	129	45578	5.343	ug/l	99
56) 1,2-Dibromoethane	8.57	107	36038	5.329	ug/l	96
58) Tetrachloroethene	8.21	164	44787	4.631	ug/l	97
59) Chlorobenzene	9.10	112	123875	5.431	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.19	131	45108	5.104	ug/l	99
61) Pentachloroethane	11.09	117	36917	5.715	ug/l	98
62) Hexachloroethane	12.13	117	37055	5.871	ug/l	99
63) Ethyl Benzene	9.23	91	206430	5.561	ug/l	99
64) m/p-Xylenes	9.36	106	175396	12.516	ug/l	94
65) o-Xylene	9.76	106	79033	5.788	ug/l	99
66) Styrene	9.77	104	141586	6.238	ug/l	99
67) Bromoform	9.94	173	24972	5.240	ug/l	99
69) Isopropylbenzene	10.15	105	207167	5.823	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.44	83	50977	5.235	ug/l	100
71) 1,2,3-Trichloropropane	10.48	75	30988	4.359	ug/l	89
72) Bromobenzene	10.44	156	52830	5.817	ug/l	98
73) n-propylbenzene	10.57	120	60285	6.447	ug/l	99
74) 2-Chlorotoluene	10.64	126	53955	6.081	ug/l	98
75) 1,3,5-Trimethylbenzene	10.76	105	192899	6.304	ug/l	99
76) 4-Chlorotoluene	10.76	126	56437	6.468	ug/l	97
77) tert-Butylbenzene	11.08	119	173479	6.032	ug/l	100
78) 1,2,4-Trimethylbenzene	11.13	105	194750	6.278	ug/l	100
79) sec-Butylbenzene	11.31	105	243852	6.212	ug/l	100
80) Nitrobenzene	12.85	77	6795	28.050	ug/l	91
81) p-Isopropyltoluene	11.46	119	197304	6.357	ug/l	98
82) 1,3-Dichlorobenzene	11.40	146	110961	6.104	ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	112566	6.420	ug/l	99
84) n-Butylbenzene	11.87	91	201964	6.723	ug/l	99
85) 1,2-Dichlorobenzene	11.86	146	103062	5.949	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.64	75	8508	6.001	ug/l	93
87) 1,2,4-Trichlorobenzene	13.49	180	62678	6.977	ug/l	99
88) Hexachlorobutadiene	13.68	225	36812	5.833	ug/l	97
89) Naphthalene	13.73	128	115012	7.299	ug/l	98
90) 1,2,3-Trichlorobenzene	13.98	180	62907	6.882	ug/l	96

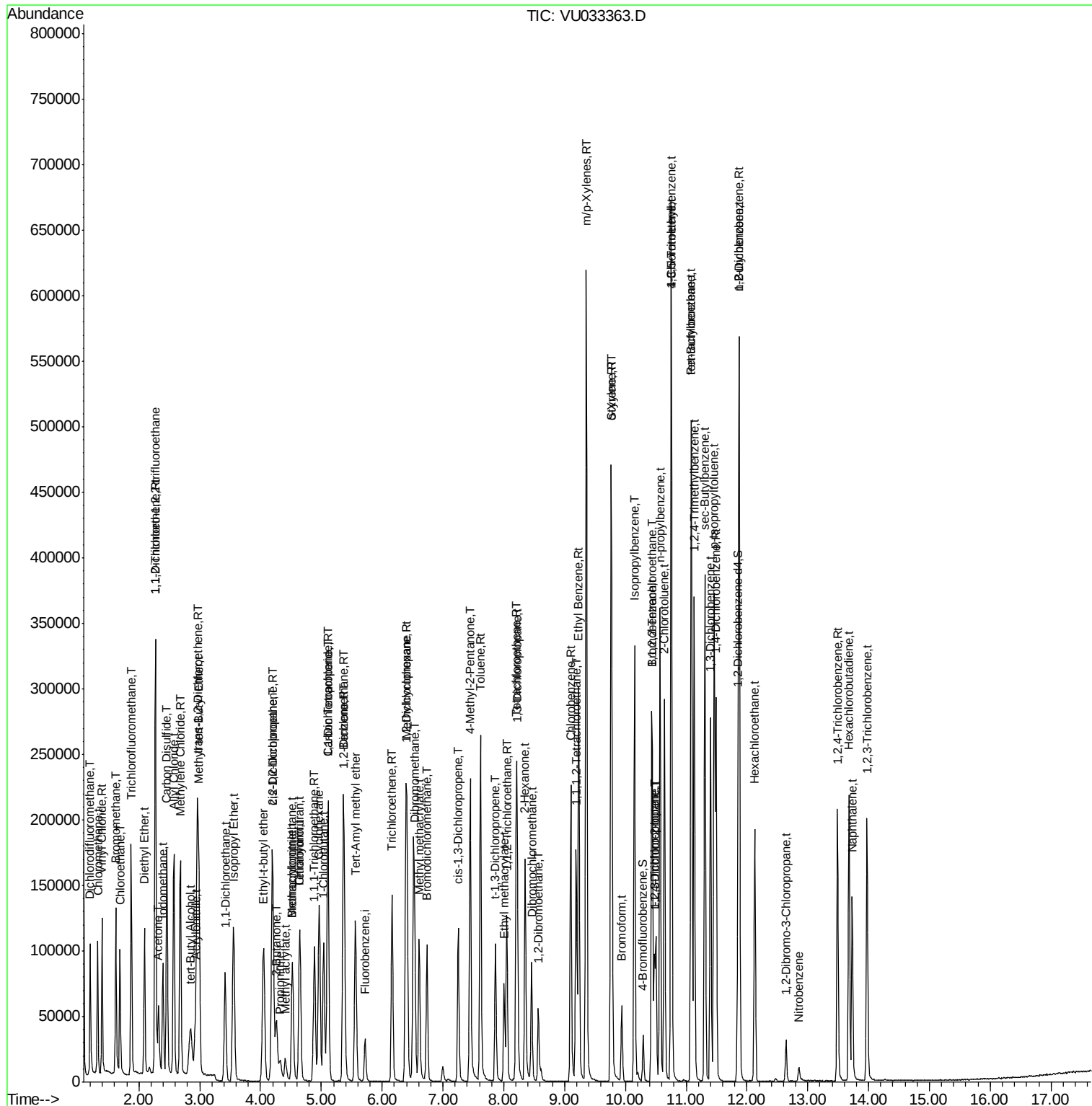
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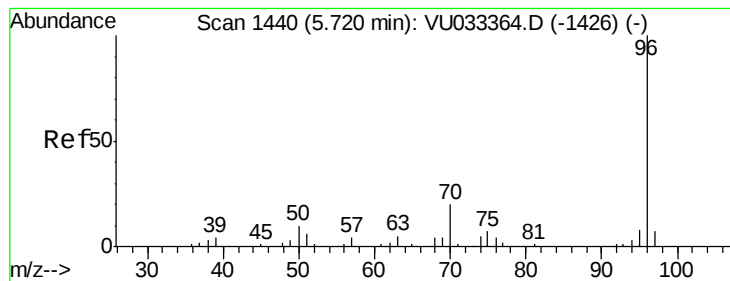
Data File : VU033363.D

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Acq On      : 22 Jul 2019   20:34
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ALS Vial    : 7   Sample Multiplier: 1
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Instrument :
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ClientSampleId :
VSTDICC005

Quant Time: Jul 23 01:50:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 31877

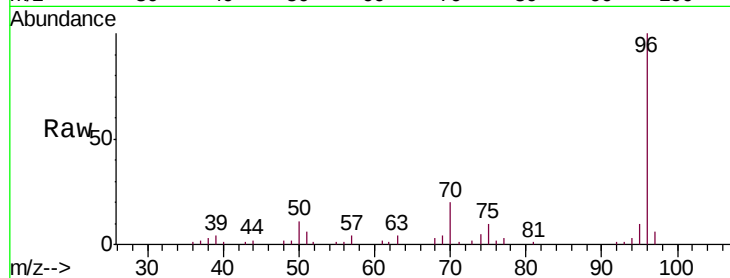
Ion Ratio Lower Upper

96 100

70 19.7 16.4 24.6

95 9.1 6.7 10.1

97 5.9 0.0 0.0#

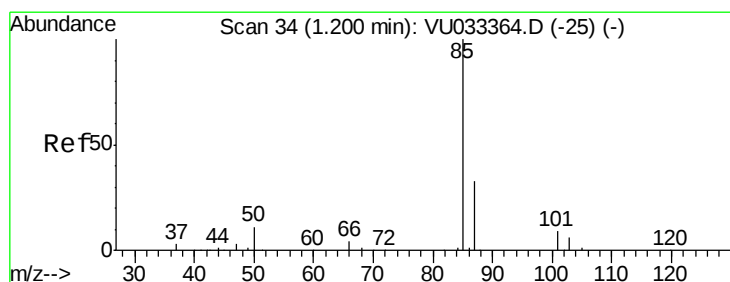
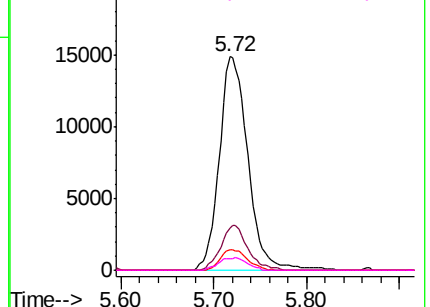
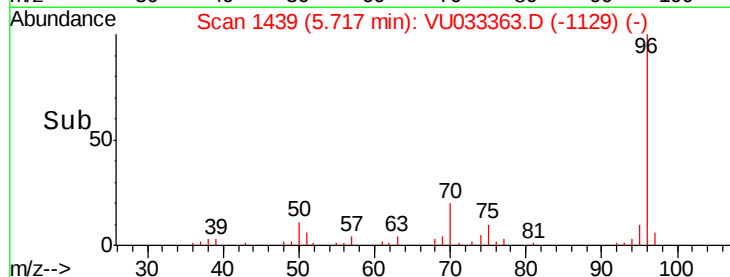


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 4.519 ug/l

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU033363.D

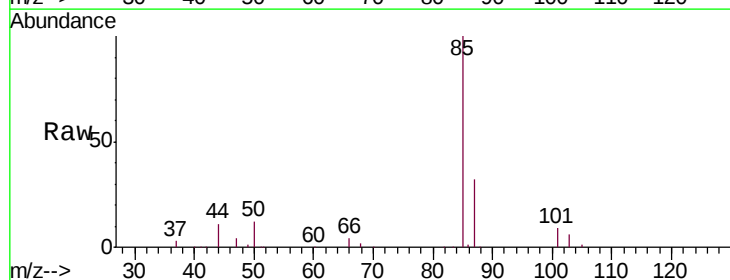
Acq: 22 Jul 2019 20:34

Tgt Ion: 85 Resp: 64270

Ion Ratio Lower Upper

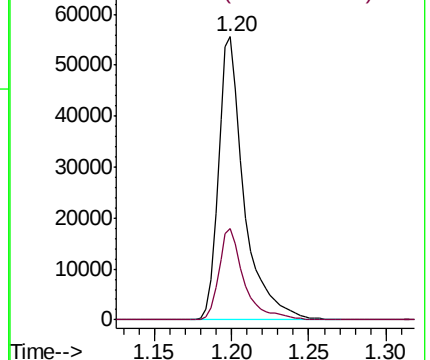
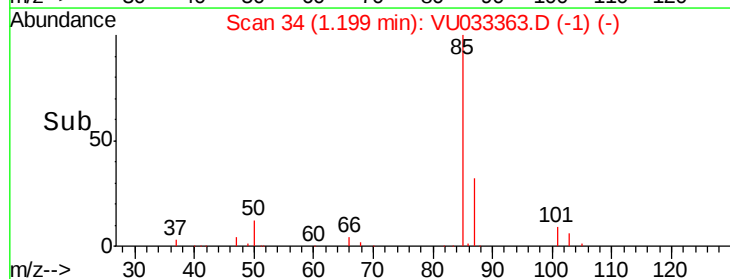
85 100

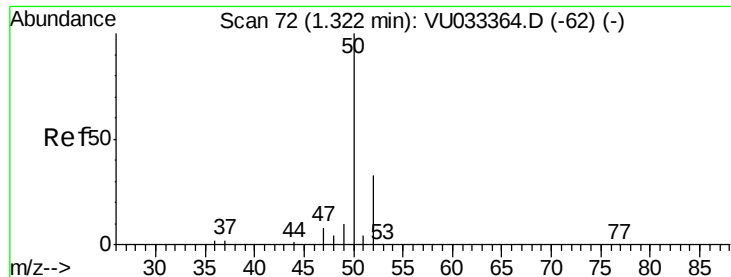
87 32.4 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 4.144 ug/l

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

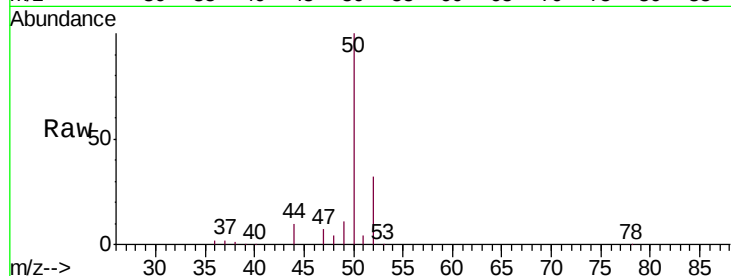
VSTDIC005

Tgt Ion: 50 Resp: 69601

Ion Ratio Lower Upper

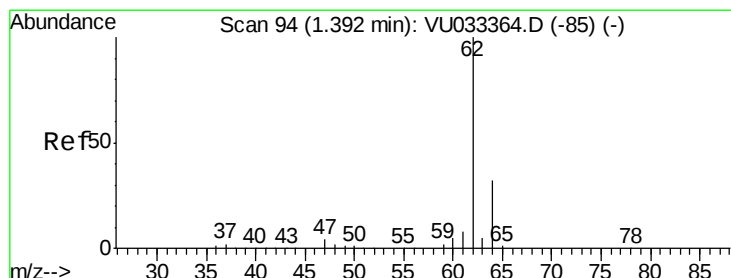
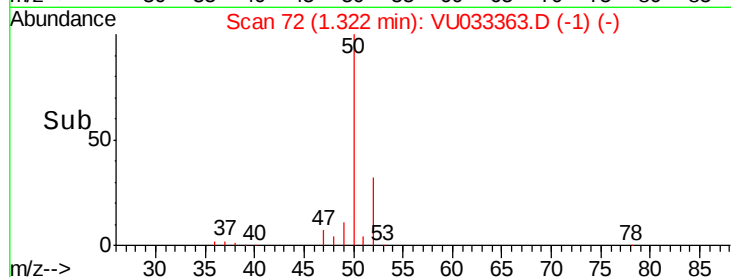
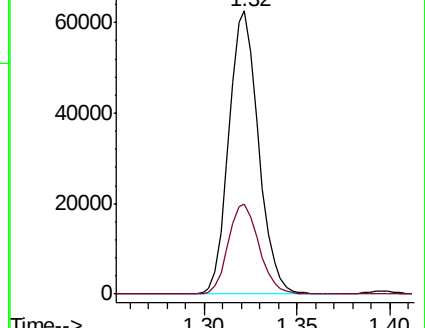
50 100

52 31.7 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VU033363.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU033363.D (-1) (-)



#4

Vinyl Chloride

Concen: 4.841 ug/l

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033363.D

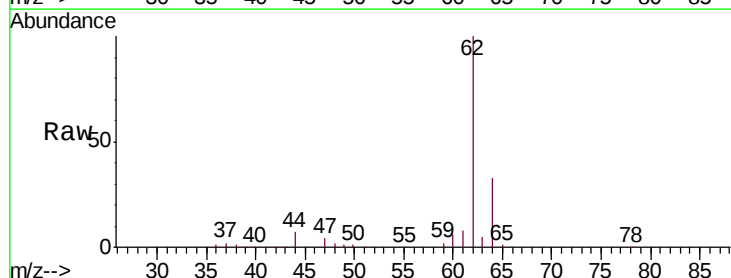
Acq: 22 Jul 2019 20:34

Tgt Ion: 62 Resp: 79141

Ion Ratio Lower Upper

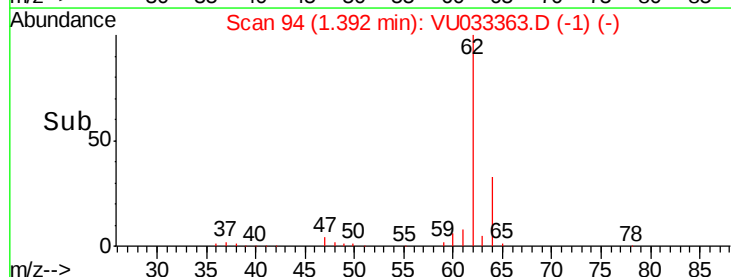
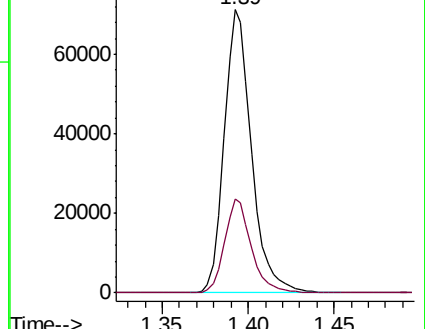
62 100

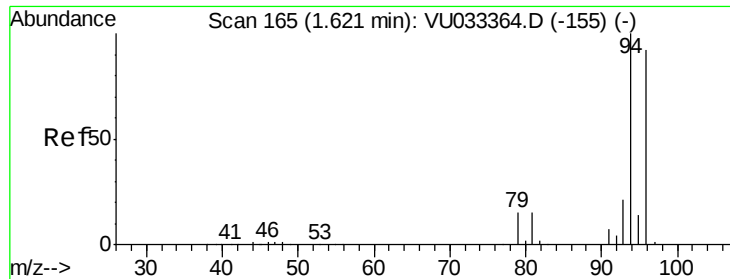
64 33.2 25.6 38.4



Abundance Ion 62.00 (61.70 to 62.70): VU033363.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU033363.D (-1) (-)

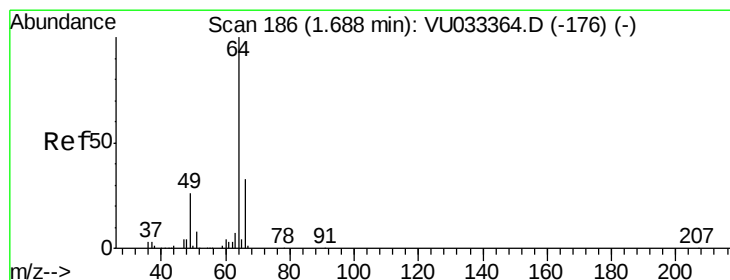
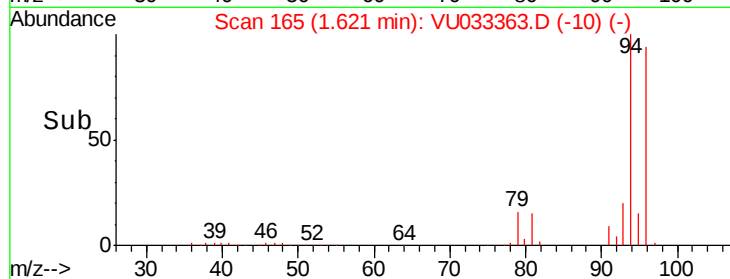
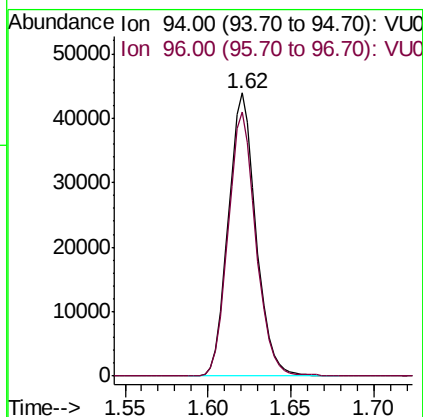
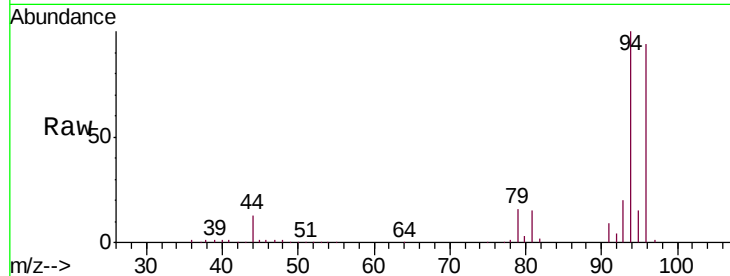




#5
Bromomethane
Concen: 6.148 ug/l
RT: 1.62 min Scan# 165
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

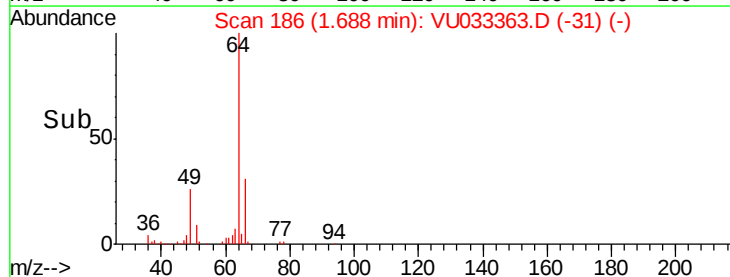
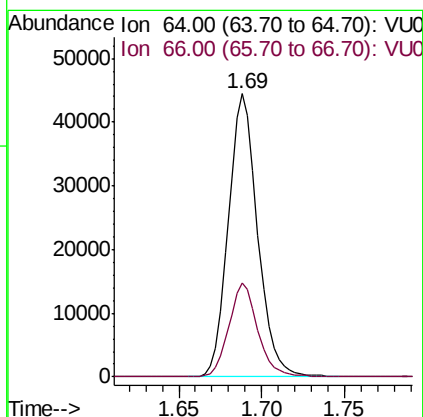
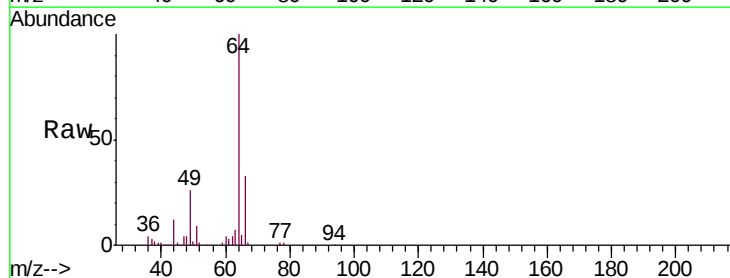
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

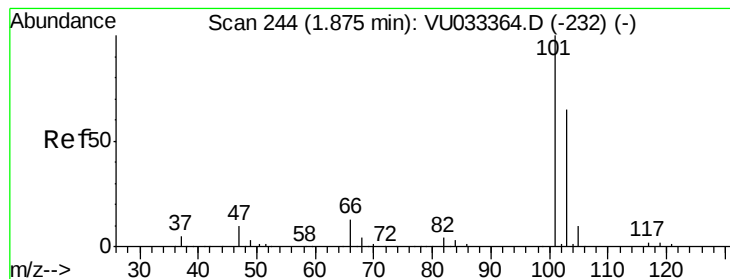
Tgt Ion: 94 Resp: 50996
Ion Ratio Lower Upper
94 100
96 93.5 73.2 109.8



#6
Chloroethane
Concen: 5.684 ug/l
RT: 1.69 min Scan# 186
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Tgt Ion: 64 Resp: 54576
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6





#7

Trichlorofluoromethane

Concen: 5.598 ug/l

RT: 1.87 min Scan# 244

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

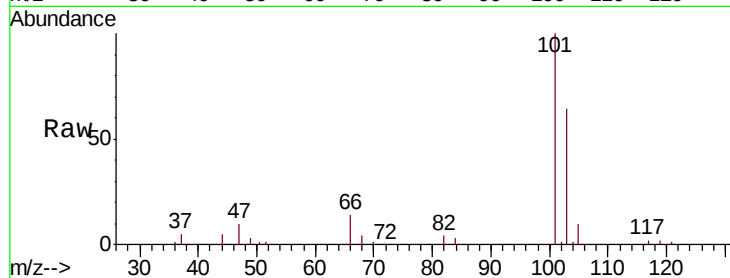
VSTDIC005

Tgt Ion:101 Resp: 107600

Ion Ratio Lower Upper

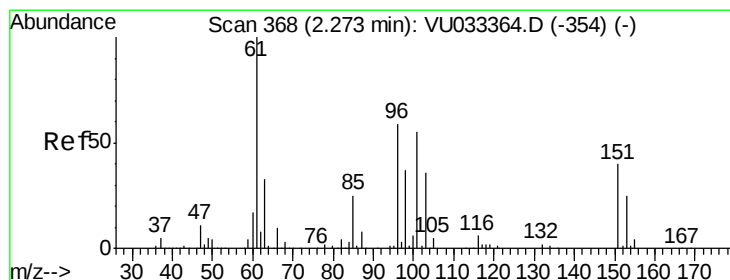
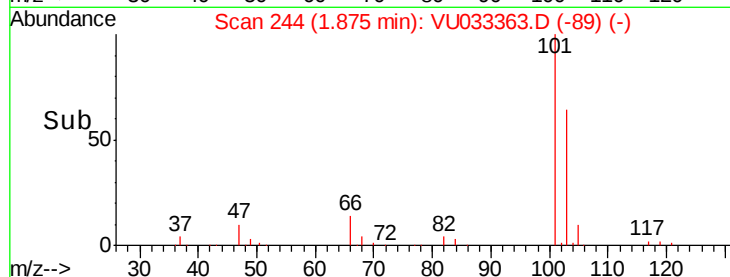
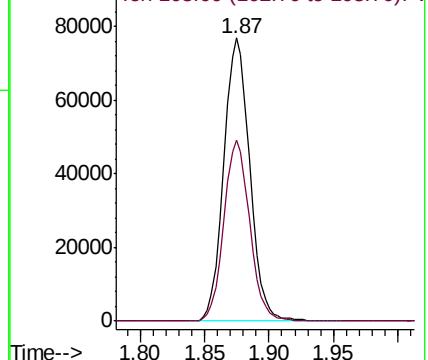
101 100

103 63.8 52.2 78.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.892 ug/l

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

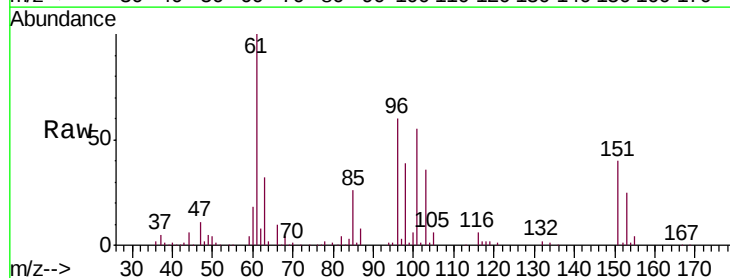
Tgt Ion:101 Resp: 56086

Ion Ratio Lower Upper

101 100

85 46.8 37.5 56.3

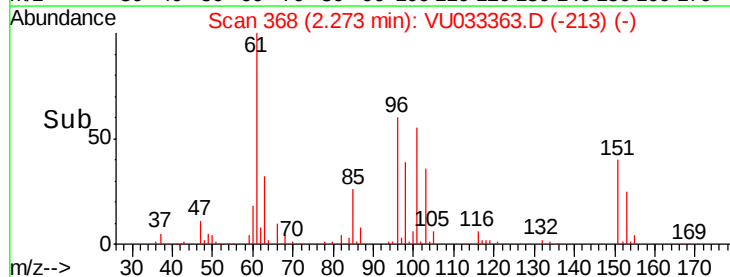
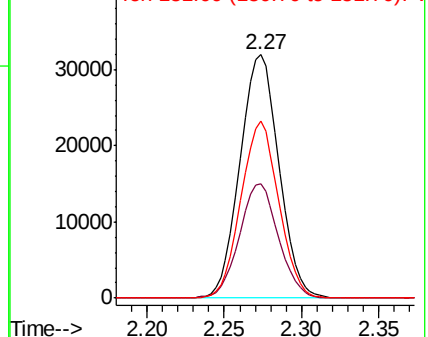
151 70.5 58.3 87.5

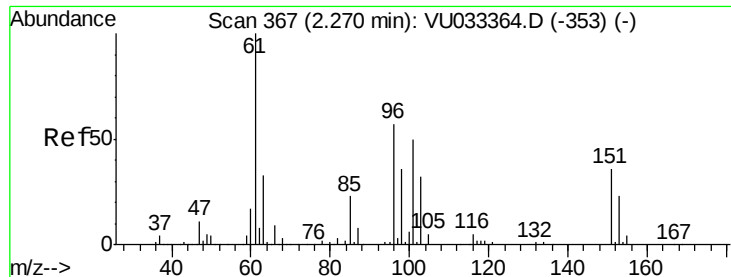


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 5.880 ug/l

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

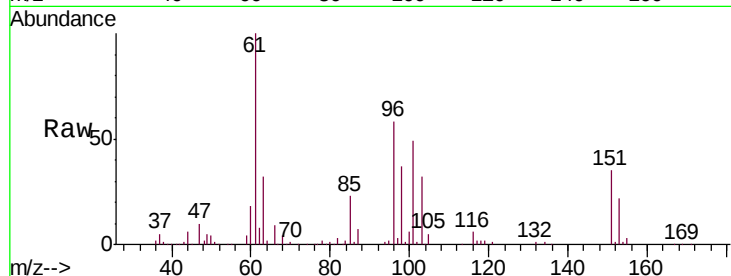
Tgt Ion: 96 Resp: 55654

Ion Ratio Lower Upper

96 100

61 171.6 0.0 525.6

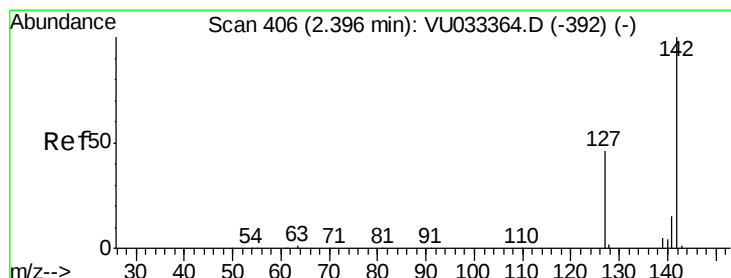
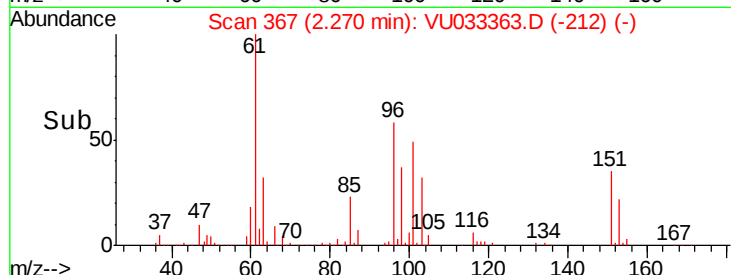
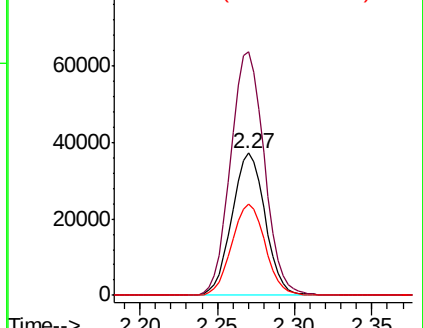
98 64.1 0.0 126.4



Abundance Ion 96.00 (95.70 to 96.70): VU033363.D (-212) (-)

Ion 61.00 (60.70 to 61.70): VU033363.D (-212) (-)

Ion 98.00 (97.70 to 98.70): VU033363.D (-212) (-)



#10

Iodomethane

Concen: 7.099 ug/l

RT: 2.40 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU033363.D

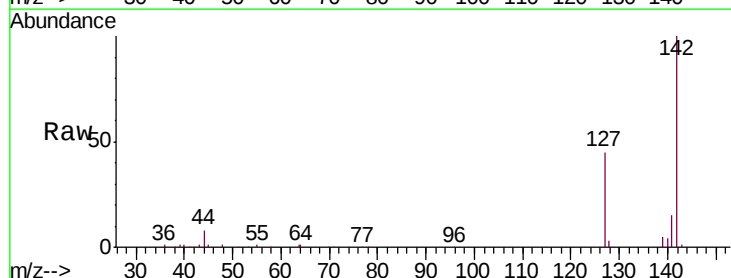
Acq: 22 Jul 2019 20:34

Tgt Ion: 142 Resp: 76824

Ion Ratio Lower Upper

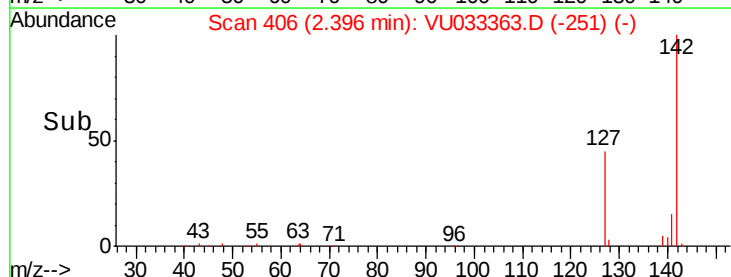
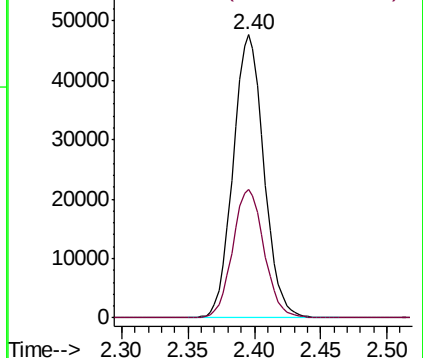
142 100

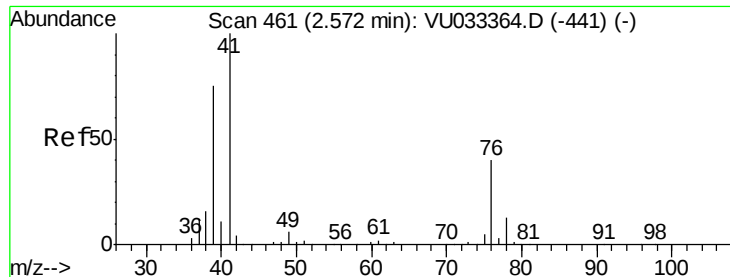
127 46.6 37.8 56.6



Abundance Ion 142.00 (141.70 to 142.70): VU033363.D (-251) (-)

Ion 127.00 (126.70 to 127.70): VU033363.D (-251) (-)

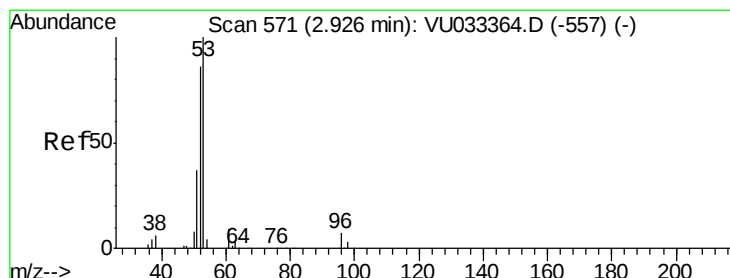
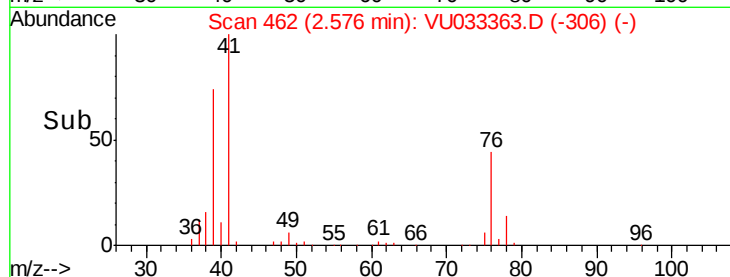
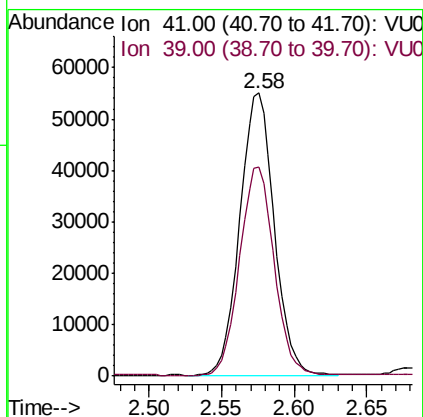
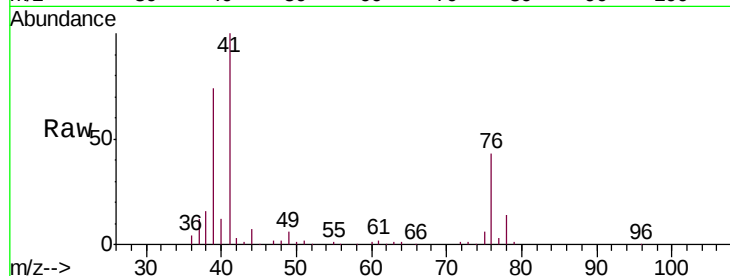




#11
 Allyl Chloride
 Concen: 4.576 ug/l
 RT: 2.58 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

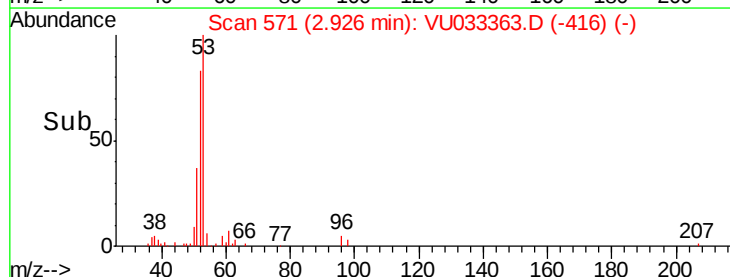
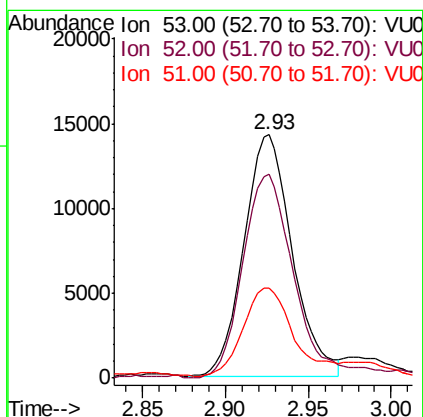
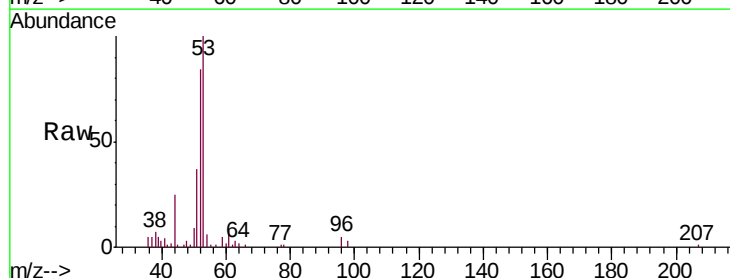
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

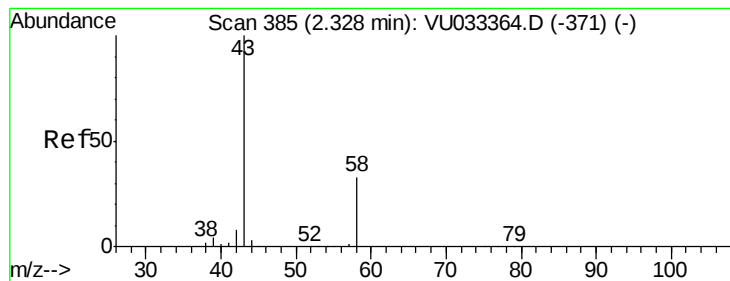
Tgt Ion: 41 Resp: 90491
 Ion Ratio Lower Upper
 41 100
 39 74.2 58.7 88.1



#12
 Acrylonitrile
 Concen: 10.202 ug/l
 RT: 2.93 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion: 53 Resp: 28854
 Ion Ratio Lower Upper
 53 100
 52 88.4 69.8 104.8
 51 38.1 29.1 43.7





#13

Acetone

Concen: 24.219 ug/l

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

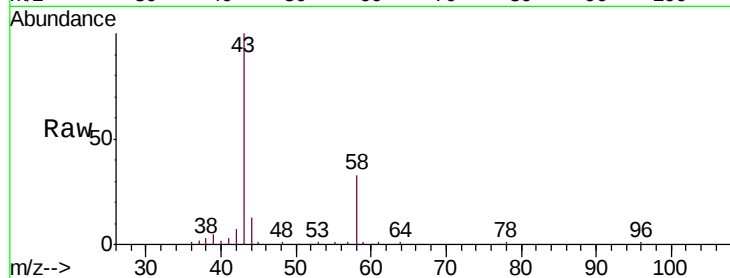
VSTDIC005

Tgt Ion: 43 Resp: 61658

Ion Ratio Lower Upper

43 100

58 33.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VU033363.D (-230) (-)

Ion 58.00 (57.70 to 58.70): VU033363.D (-230) (-)

2.32

30000

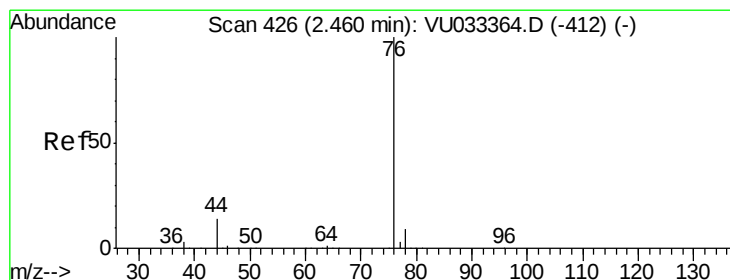
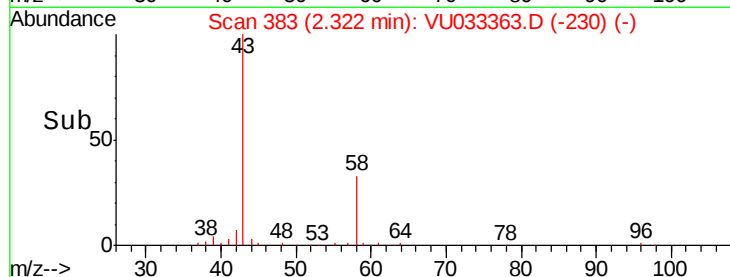
20000

10000

0

2.25 2.30 2.35 2.40

Time-->



#14

Carbon Disulfide

Concen: 5.687 ug/l

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VU033363.D

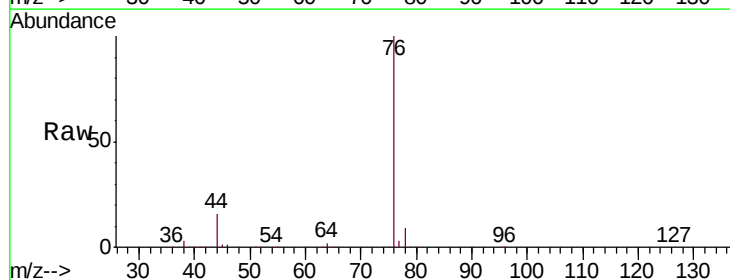
Acq: 22 Jul 2019 20:34

Tgt Ion: 76 Resp: 205889

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU033363.D (-271) (-)

Ion 78.00 (77.70 to 78.70): VU033363.D (-271) (-)

2.46

150000

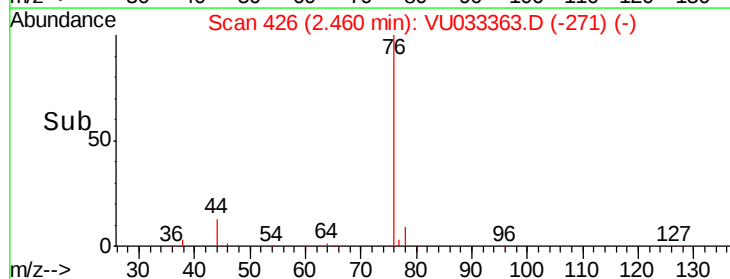
100000

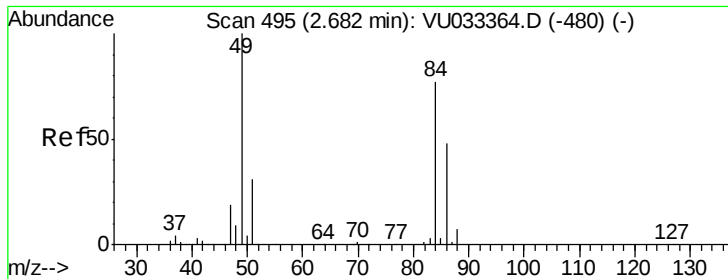
50000

0

2.40 2.45 2.50 2.55

Time-->

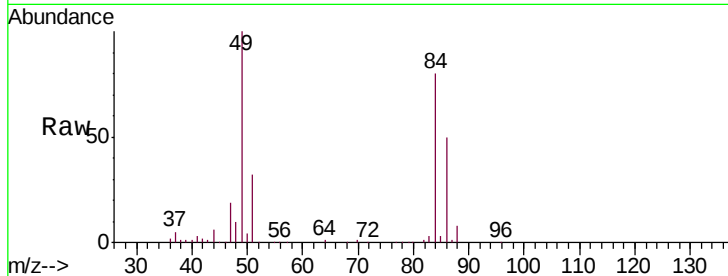




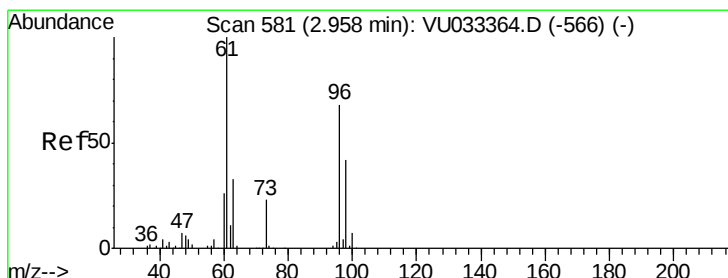
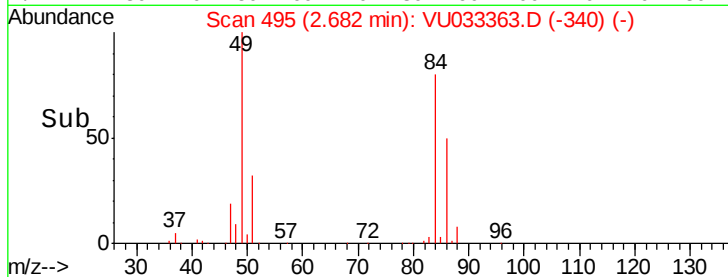
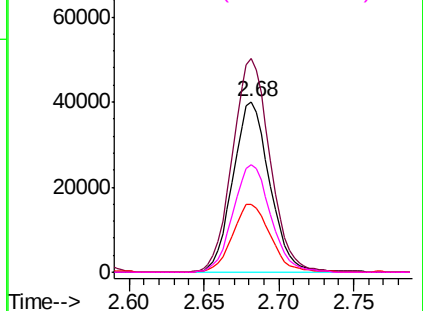
#15
Methylene Chloride
Concen: 5.715 ug/l
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 84 Resp: 68682
Ion Ratio Lower Upper
84 100
49 124.8 103.5 155.3
51 39.8 0.0 80.4
86 63.0 50.1 75.1

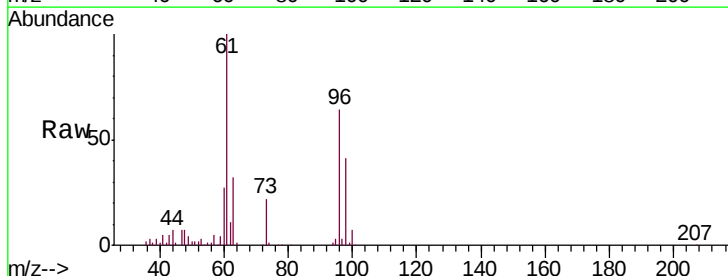


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

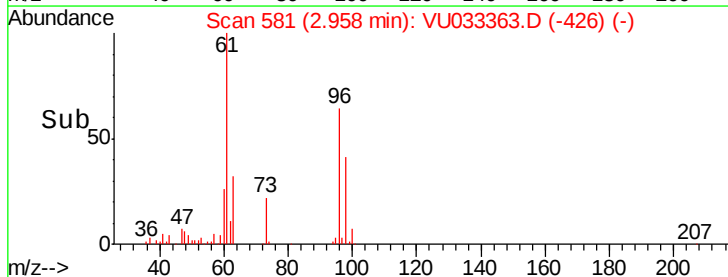
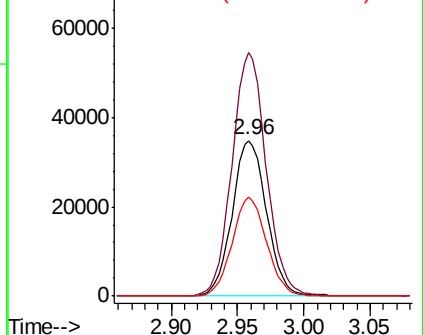


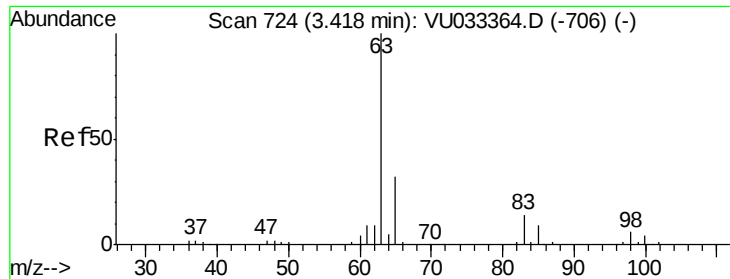
#16
trans-1,2-Dichloroethene
Concen: 5.911 ug/l
RT: 2.96 min Scan# 581
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Tgt Ion: 96 Resp: 62880
Ion Ratio Lower Upper
96 100
61 156.4 118.0 177.0
98 63.5 49.4 74.2



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

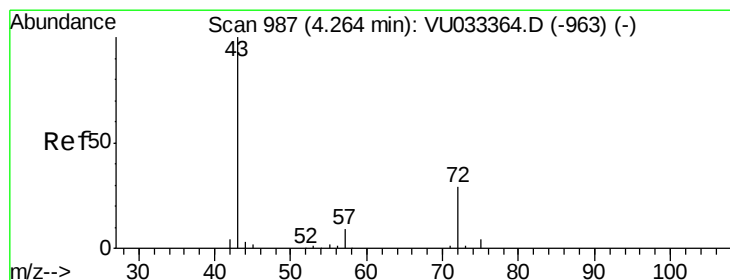
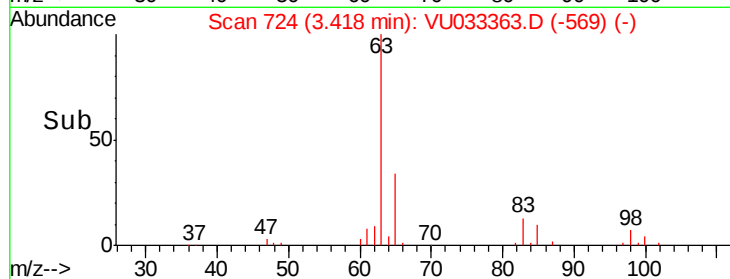
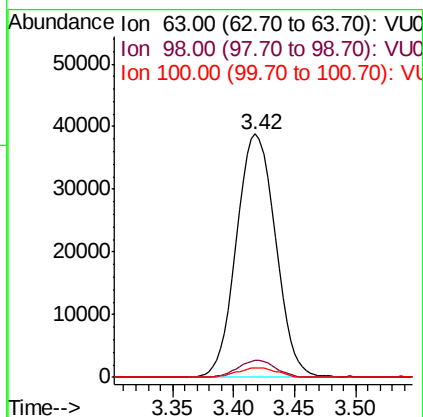
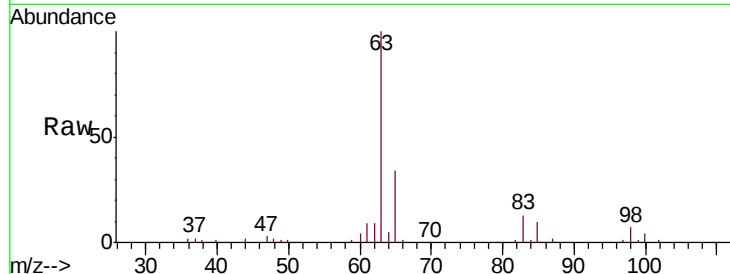




#17
 1,1-Dichloroethane
 Concen: 4.168 ug/l
 RT: 3.42 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

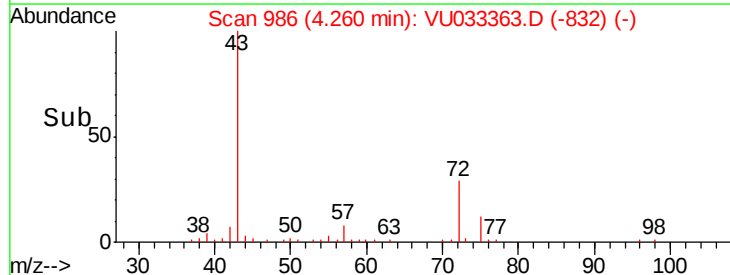
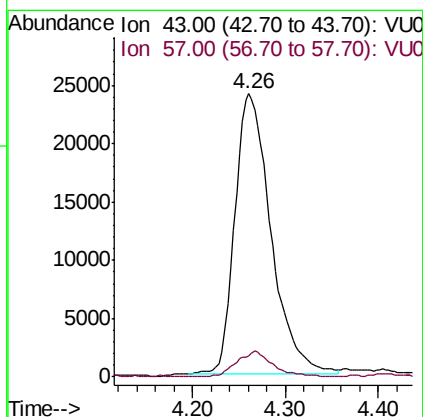
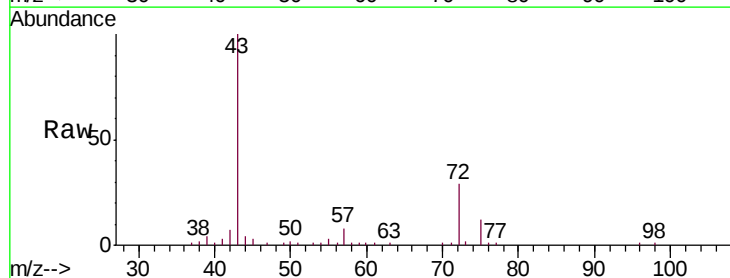
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

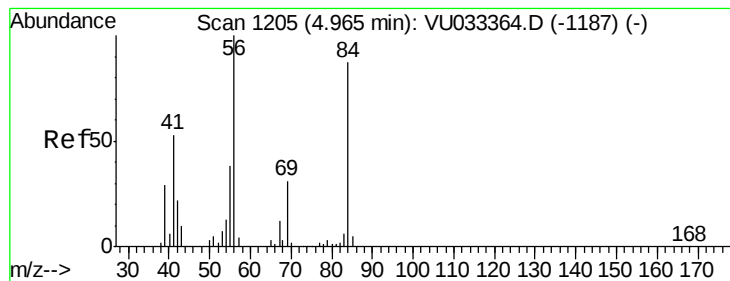
Tgt Ion: 63 Resp: 86423
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.2 9.6
 100 3.8 2.1 6.2



#18
 2-Butanone
 Concen: 20.454 ug/l
 RT: 4.26 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion: 43 Resp: 64838
 Ion Ratio Lower Upper
 43 100
 57 7.6 0.0 17.0





#19

Cyclohexane

Concen: 3.663 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

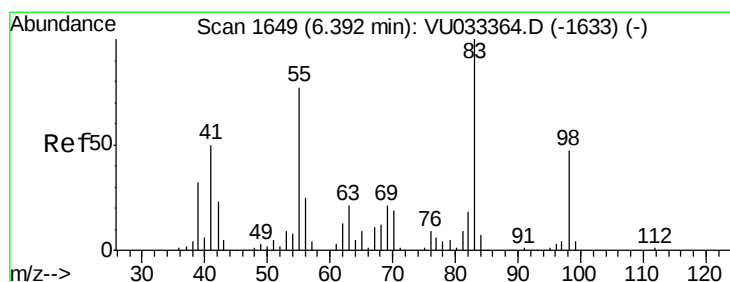
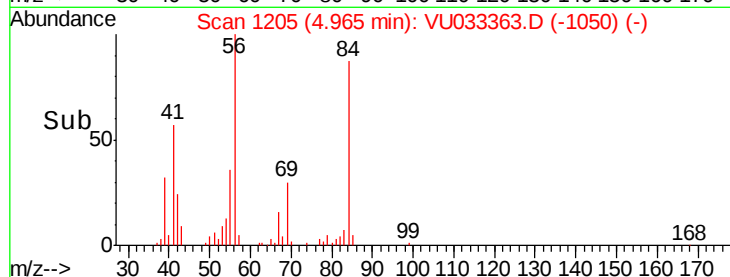
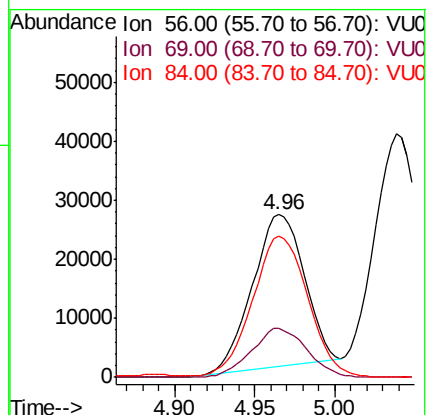
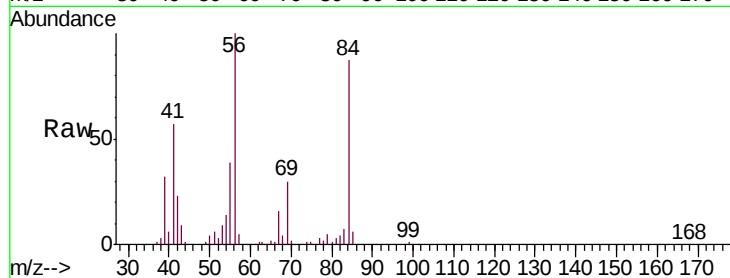
Tgt Ion: 56 Resp: 57829

Ion Ratio Lower Upper

56 100

69 34.3 25.0 37.4

84 98.0 69.8 104.6



#20

Methylcyclohexane

Concen: 5.099 ug/l

RT: 6.39 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

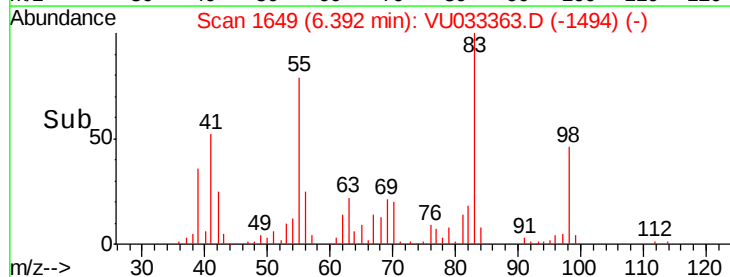
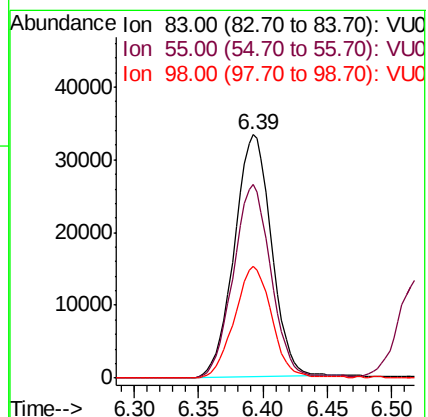
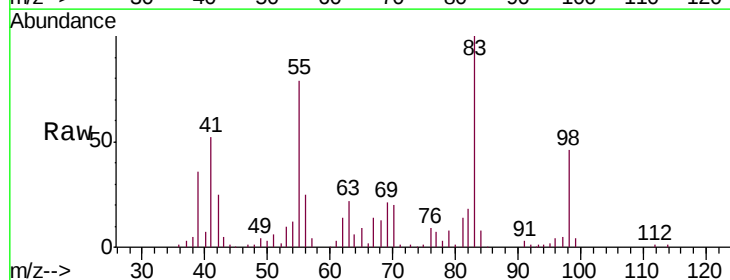
Tgt Ion: 83 Resp: 66715

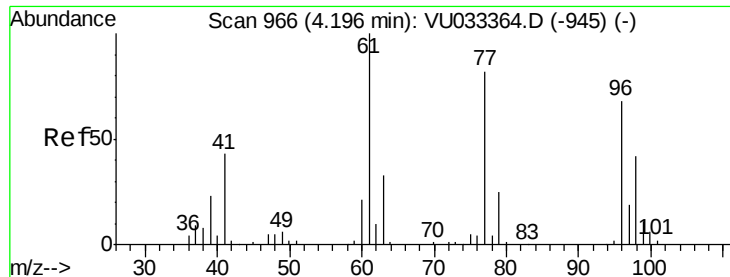
Ion Ratio Lower Upper

83 100

55 79.4 62.3 93.5

98 45.3 37.4 56.0

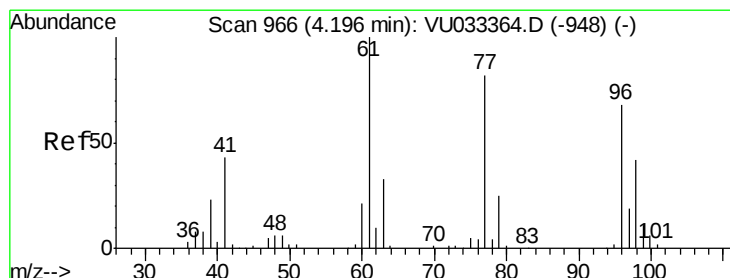
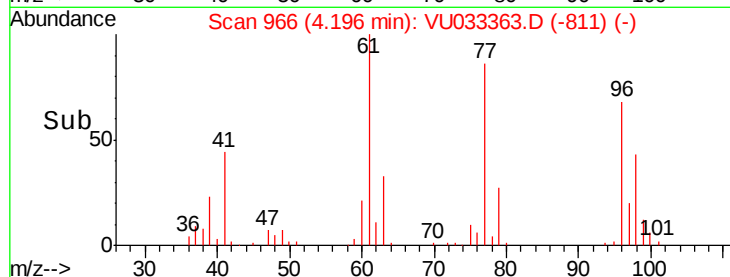
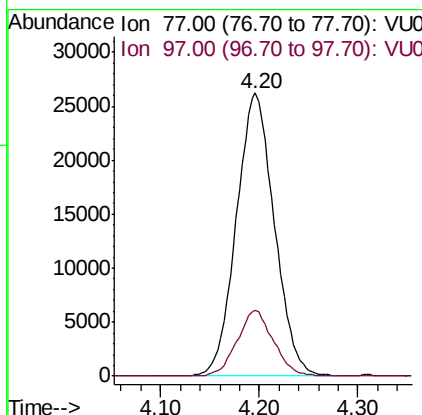
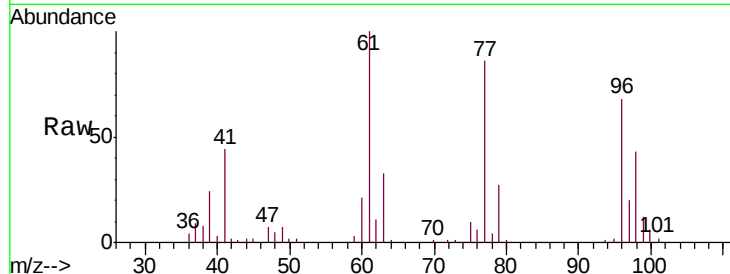




#21
 2,2-Dichloropropane
 Concen: 4.554 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

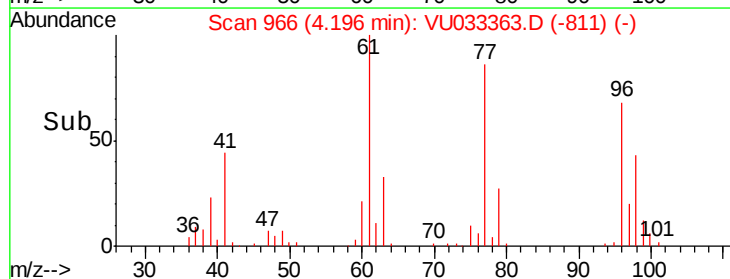
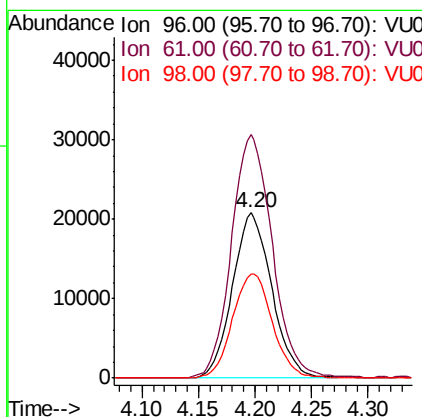
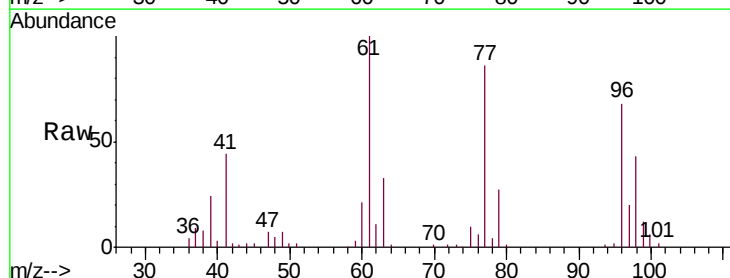
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

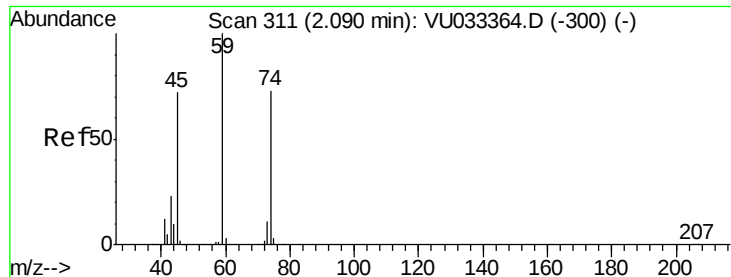
Tgt Ion: 77 Resp: 70007
 Ion Ratio Lower Upper
 77 100
 97 22.1 17.8 26.8



#22
 cis-1,2-Dichloroethene
 Concen: 4.659 ug/l
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion: 96 Resp: 50329
 Ion Ratio Lower Upper
 96 100
 61 153.0 0.0 376.3
 98 63.8 31.9 95.9

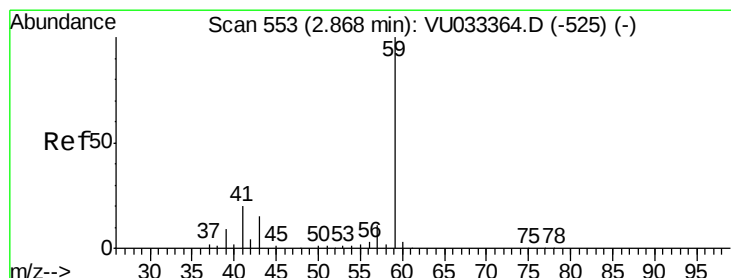
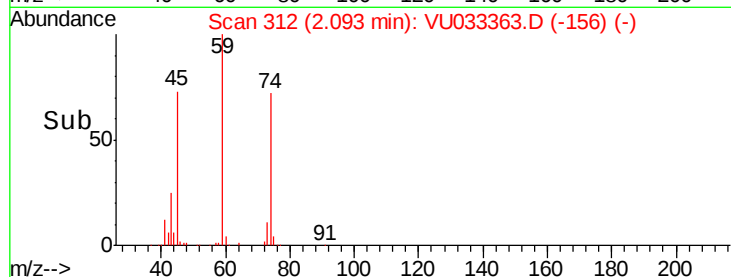
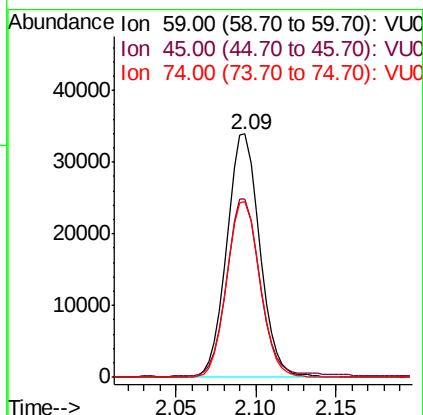
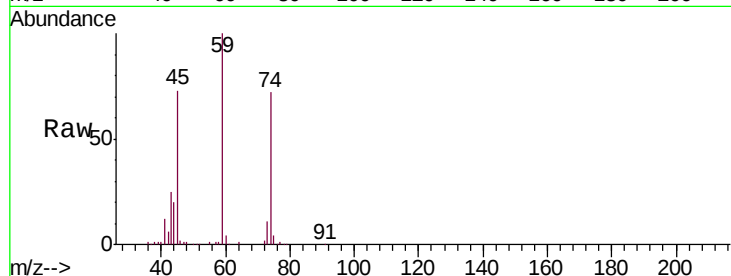




#23
Diethyl Ether
Concen: 5.332 ug/l
RT: 2.09 min Scan# 312
Delta R.T. 0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

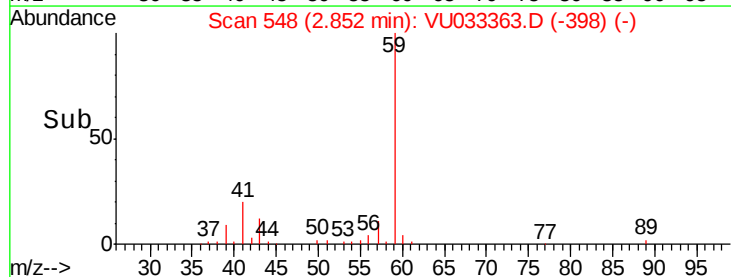
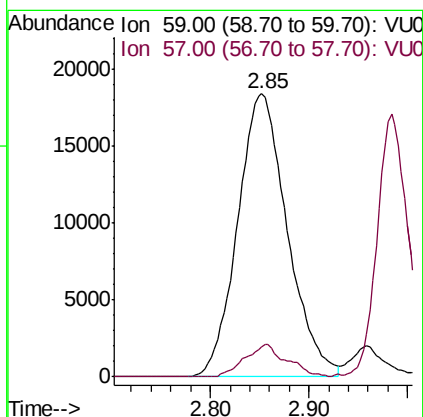
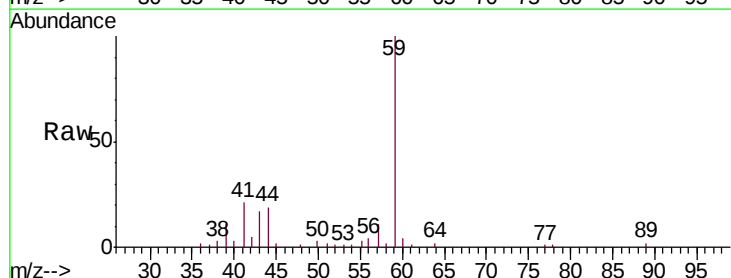
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

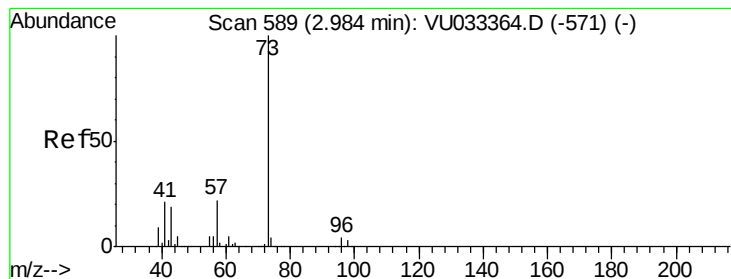
Tgt Ion: 59 Resp: 47561
Ion Ratio Lower Upper
59 100
45 74.9 57.6 86.4
74 72.5 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 66.127 ug/l
RT: 2.85 min Scan# 548
Delta R.T. -0.02 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Tgt Ion: 59 Resp: 64089
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8





#25

Methyl tert-Butyl Ether

Concen: 5.815 ug/l

RT: 2.99 min Scan# 590

Delta R.T. 0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

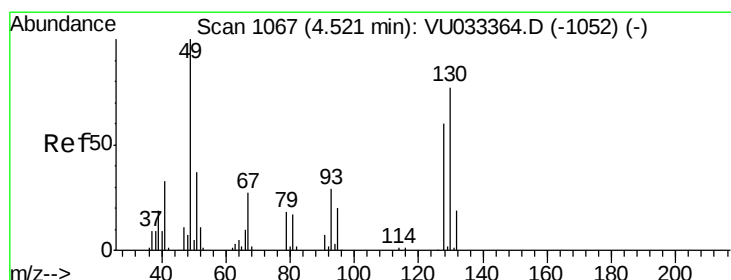
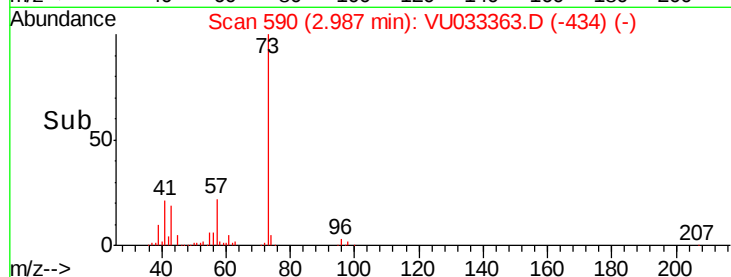
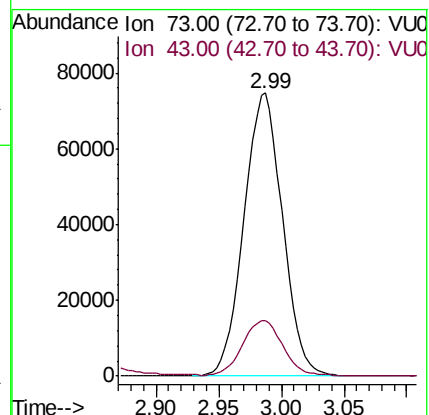
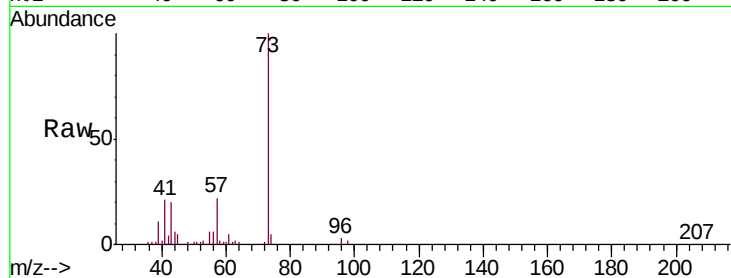
VSTDIC005

Tgt Ion: 73 Resp: 159749

Ion Ratio Lower Upper

73 100

43 20.2 16.6 24.8



#26

Bromochloromethane

Concen: 4.652 ug/l

RT: 4.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

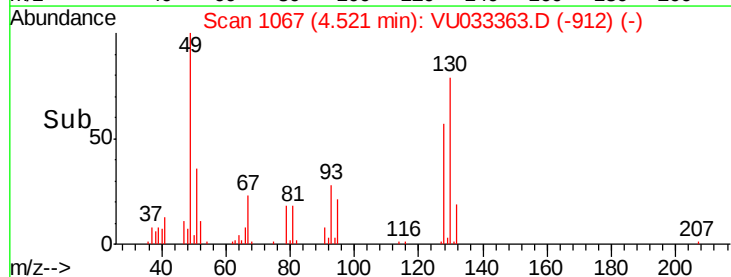
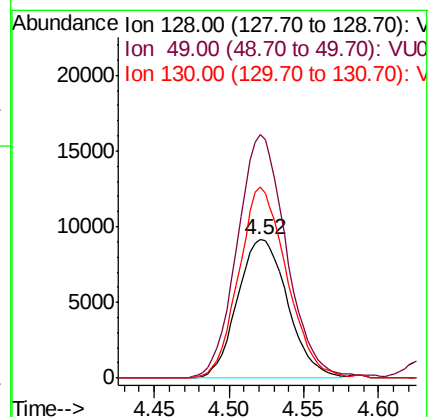
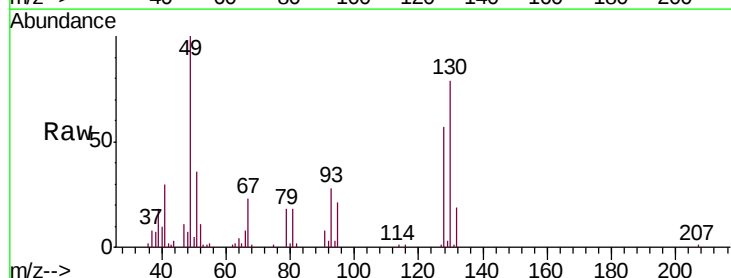
Tgt Ion: 128 Resp: 21342

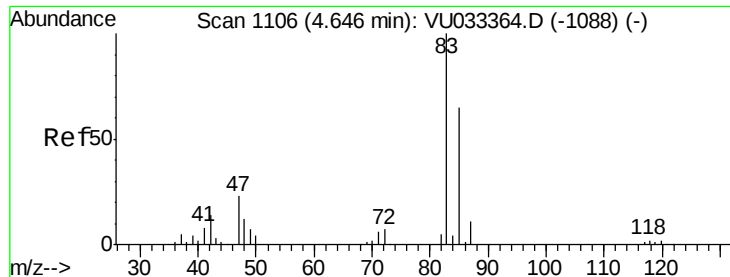
Ion Ratio Lower Upper

128 100

49 173.2 0.0 333.4

130 132.4 103.4 155.2

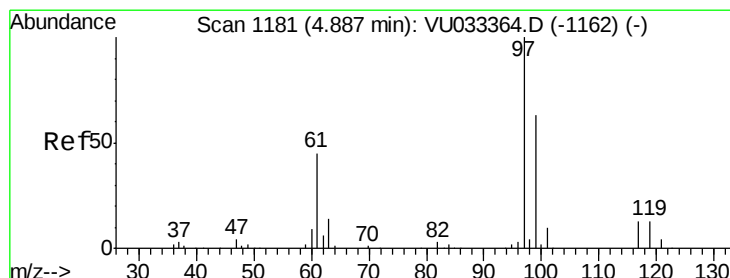
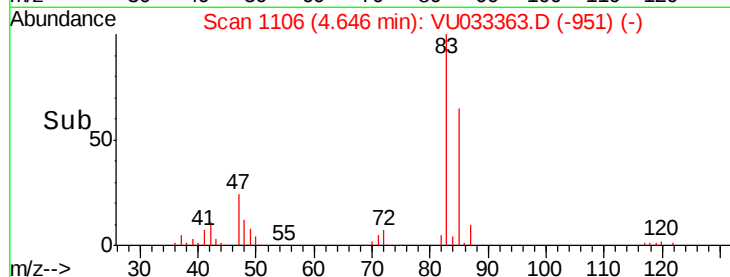
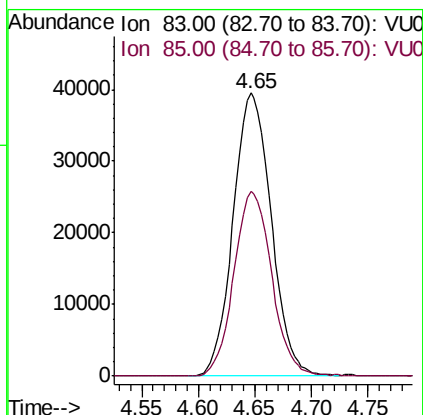
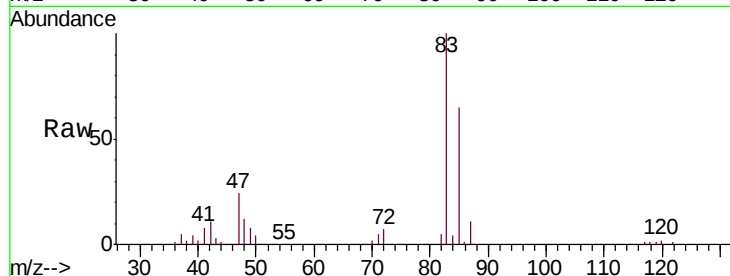




#27
Chloroform
Concen: 4.737 ug/l
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

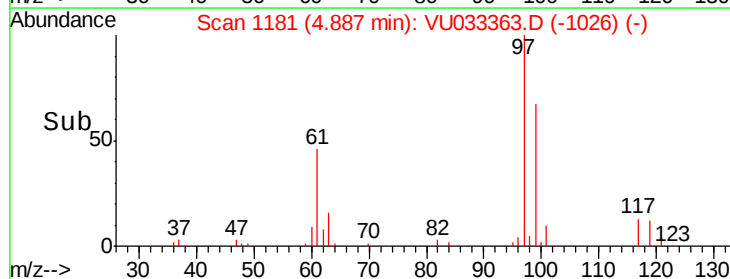
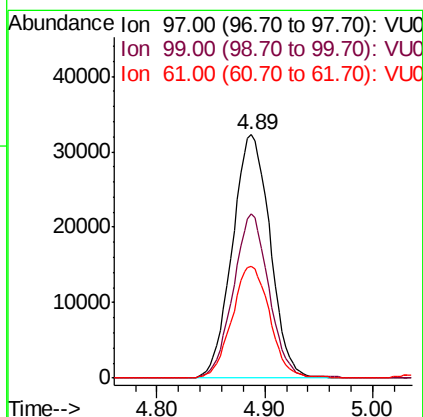
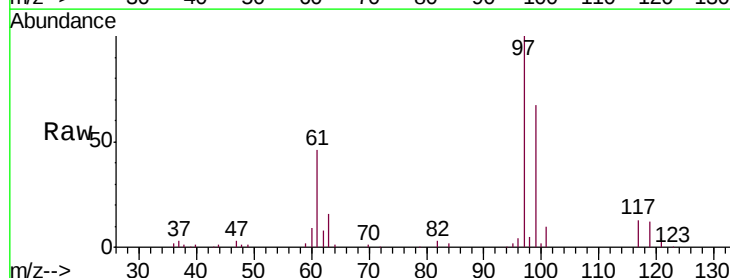
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

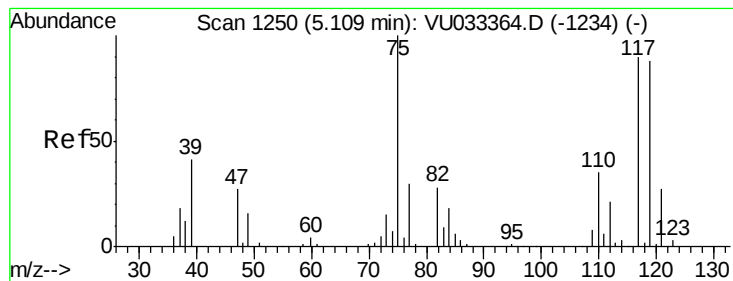
Tgt Ion: 83 Resp: 92748
Ion Ratio Lower Upper
83 100
85 65.2 0.0 129.8



#28
1,1,1-Trichloroethane
Concen: 4.745 ug/l
RT: 4.89 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Tgt Ion: 97 Resp: 78550
Ion Ratio Lower Upper
97 100
99 63.5 31.9 95.5
61 45.8 22.7 68.0





#29

1,1-Dichloropropene

Concen: 4.918 ug/l

RT: 5.11 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

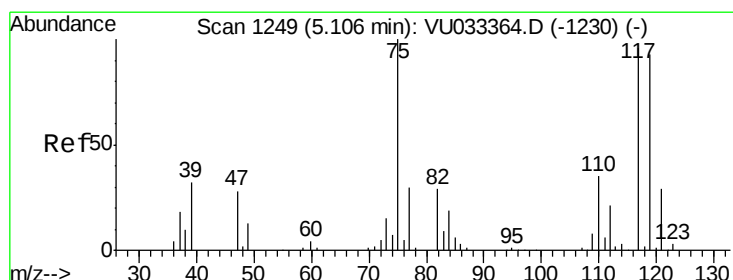
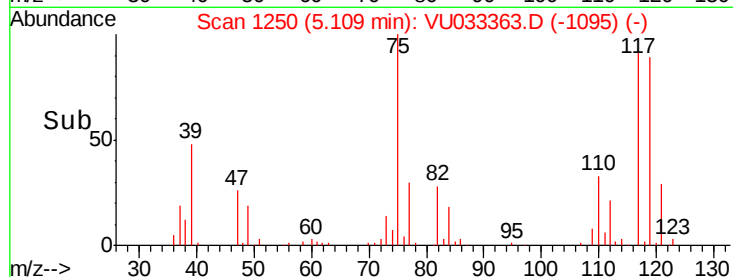
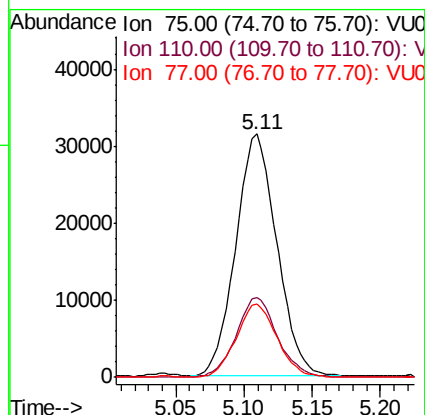
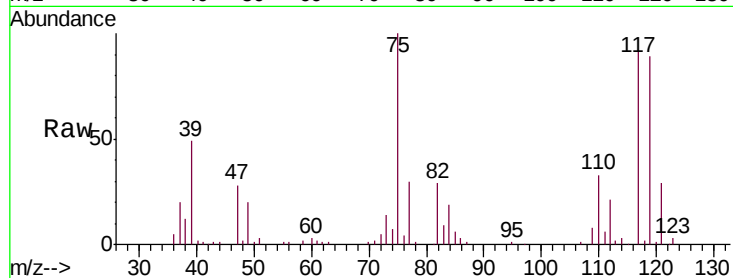
Tgt Ion: 75 Resp: 65380

Ion Ratio Lower Upper

75 100

110 33.3 17.5 52.6

77 30.5 25.1 37.7



#30

Carbon Tetrachloride

Concen: 4.862 ug/l

RT: 5.11 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

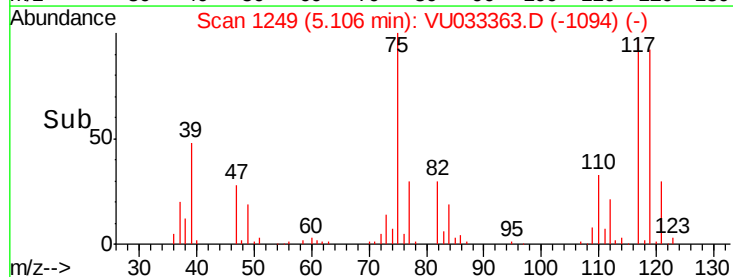
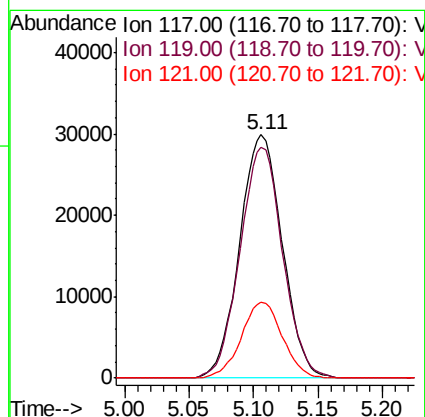
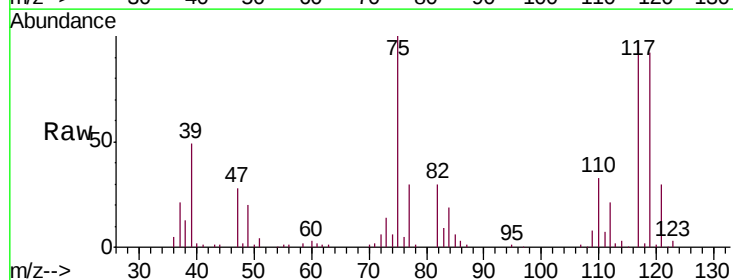
Tgt Ion: 117 Resp: 68901

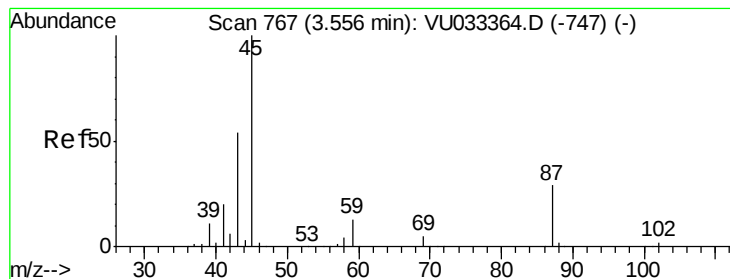
Ion Ratio Lower Upper

117 100

119 95.0 77.9 116.9

121 31.2 24.0 36.0





#31

Isopropyl Ether

Concen: 3.606 ug/l

RT: 3.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

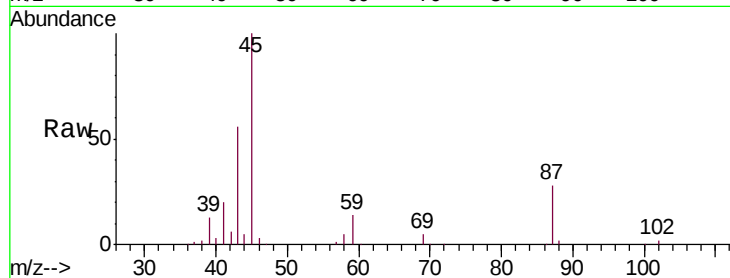
VSTDIC005

Tgt Ion: 45 Resp: 109363

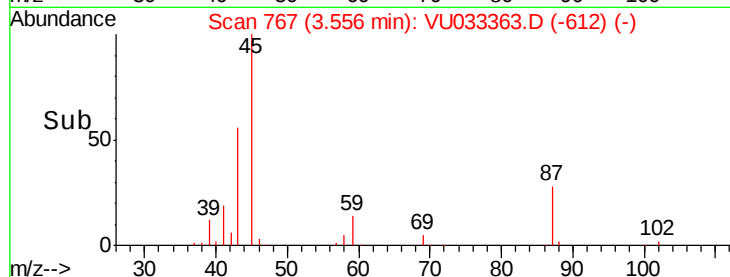
Ion Ratio Lower Upper

45 100

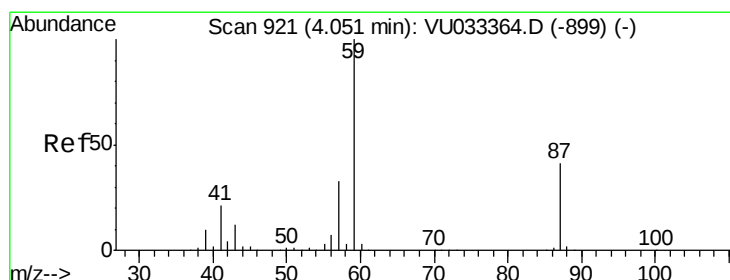
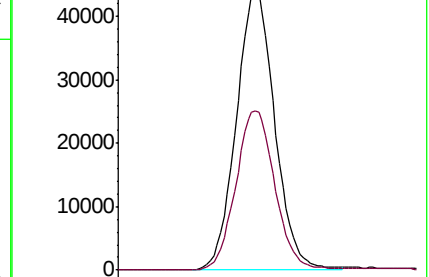
43 58.0 27.8 83.3



Abundance Ion 45.00 (44.70 to 45.70): VU033363.D (-612) (-)



Ion 43.00 (42.70 to 43.70): VU033363.D (-612) (-)



#32

Ethyl-t-butyl ether

Concen: 4.266 ug/l

RT: 4.05 min Scan# 921

Delta R.T. -0.00 min

Lab File: VU033363.D

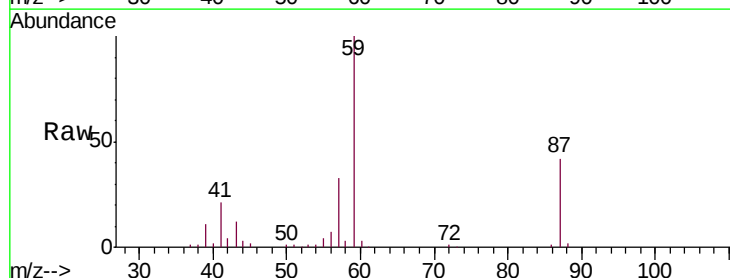
Acq: 22 Jul 2019 20:34

Tgt Ion: 59 Resp: 107070

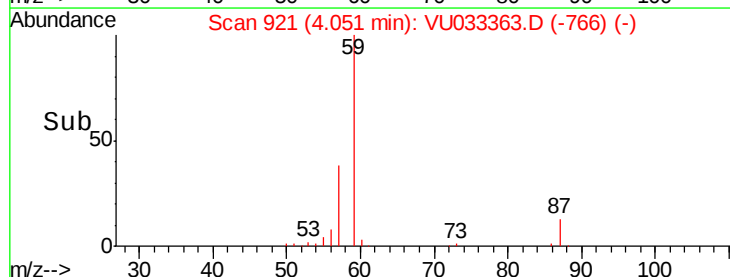
Ion Ratio Lower Upper

59 100

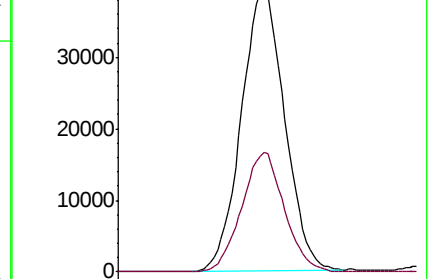
87 41.4 33.8 50.6

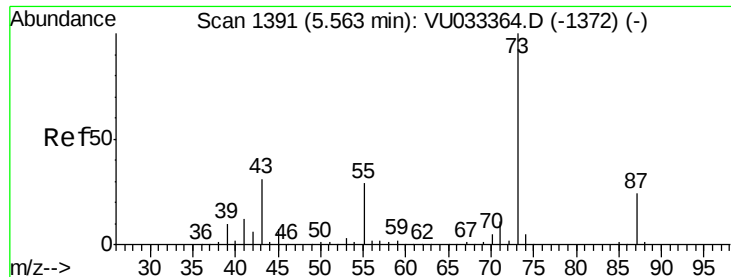


Abundance Ion 59.00 (58.70 to 59.70): VU033363.D (-766) (-)



Ion 87.00 (86.70 to 87.70): VU033363.D (-766) (-)

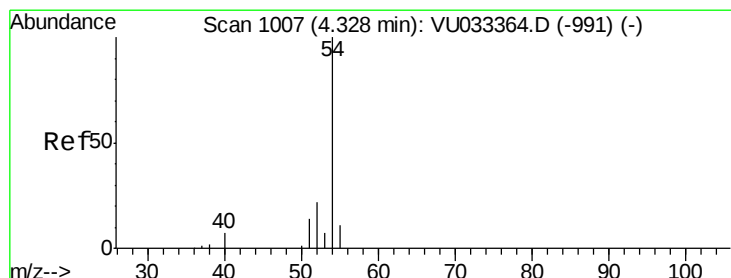
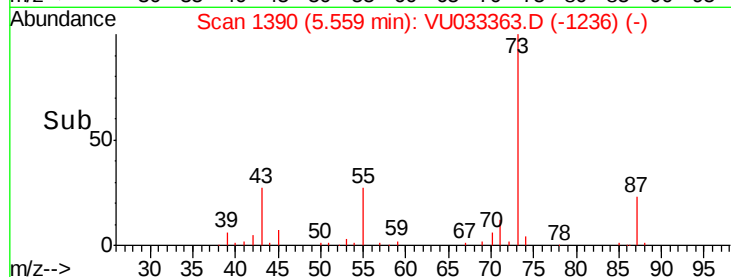
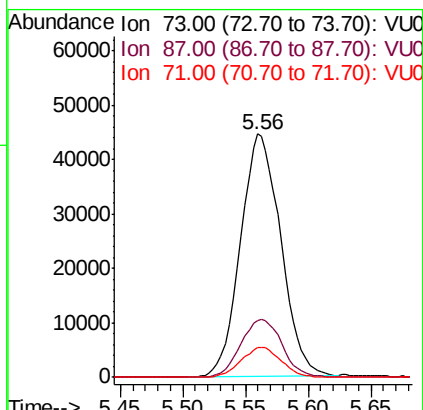
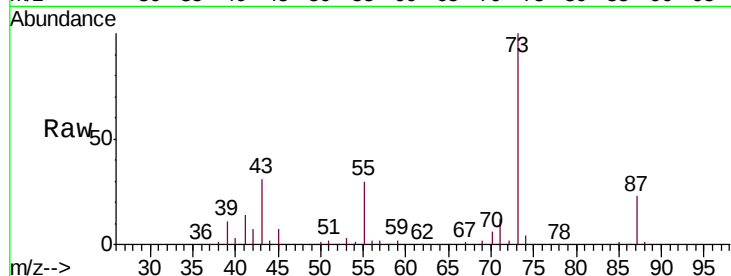




#33
Tert-Amyl methyl ether
Concen: 4.867 ug/l
RT: 5.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

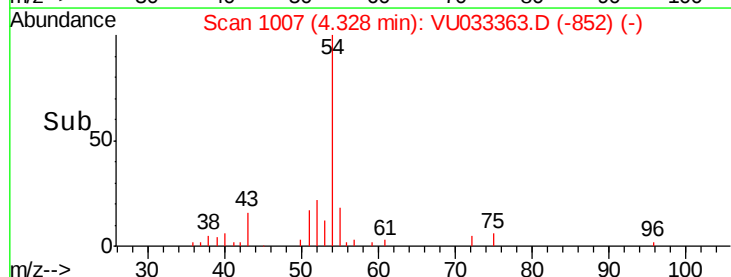
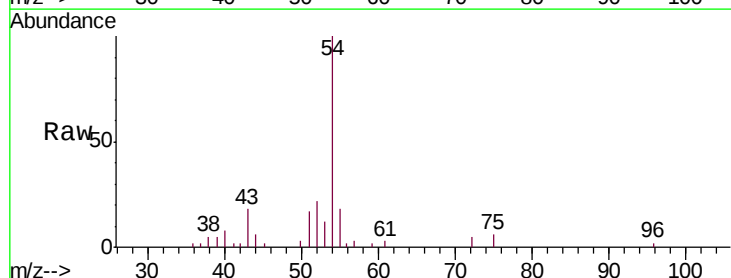
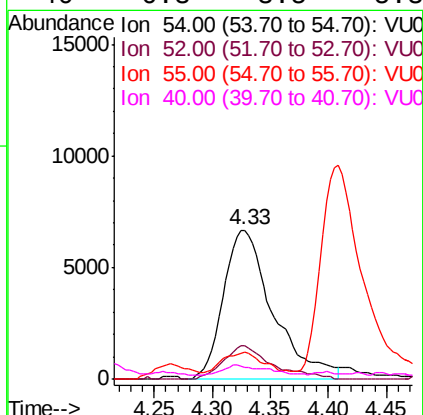
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

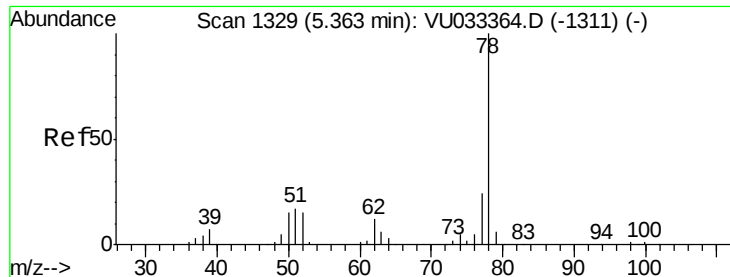
Tgt Ion: 73 Resp: 99194
Ion Ratio Lower Upper
73 100
87 24.2 18.9 28.3
71 12.4 9.3 13.9



#34
Propionitrile
Concen: 22.825 ug/l
RT: 4.33 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Tgt Ion: 54 Resp: 19717
Ion Ratio Lower Upper
54 100
52 21.8 17.1 25.7
55 16.7 11.6 17.4
40 6.3 3.5 5.3#





#35

Benzene

Concen: 4.605 ug/l

RT: 5.36 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

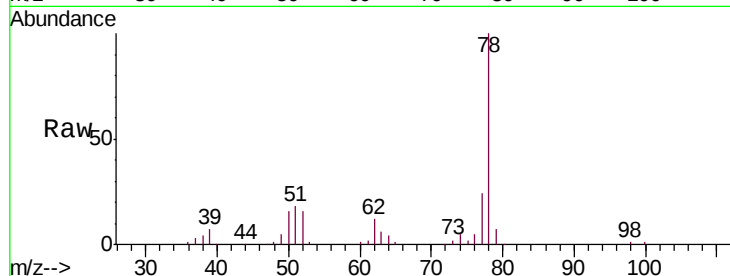
VSTDIC005

Tgt Ion: 78 Resp: 186907

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.36

80000

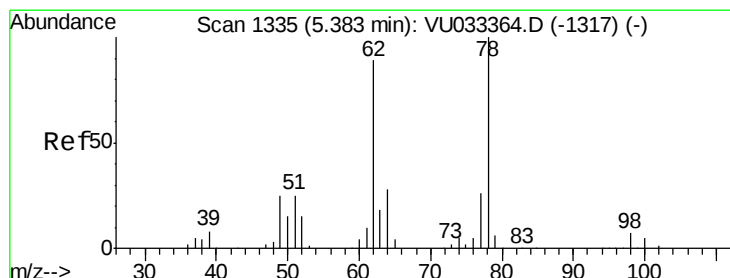
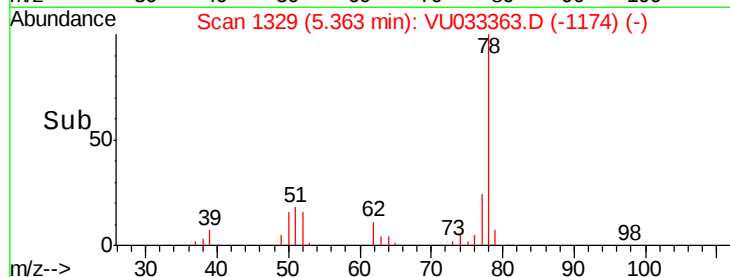
60000

40000

20000

0

Time--> 5.25 5.30 5.35 5.40 5.45



#36

1,2-Dichloroethane

Concen: 4.703 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU033363.D

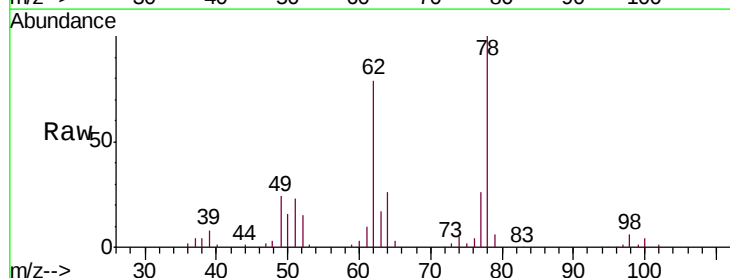
Acq: 22 Jul 2019 20:34

Tgt Ion: 62 Resp: 62649

Ion Ratio Lower Upper

62 100

98 7.8 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.38

30000

25000

20000

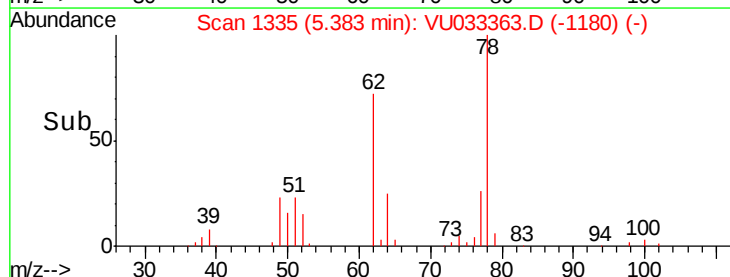
15000

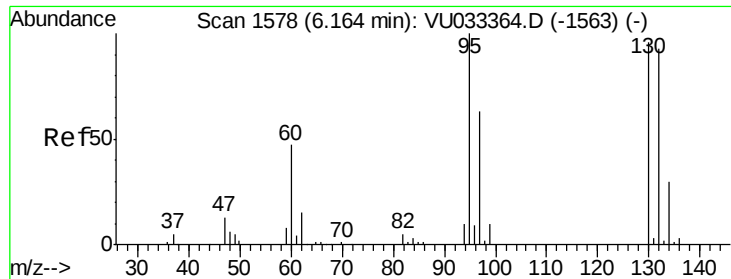
10000

5000

0

Time--> 5.30 5.35 5.40 5.45 5.50

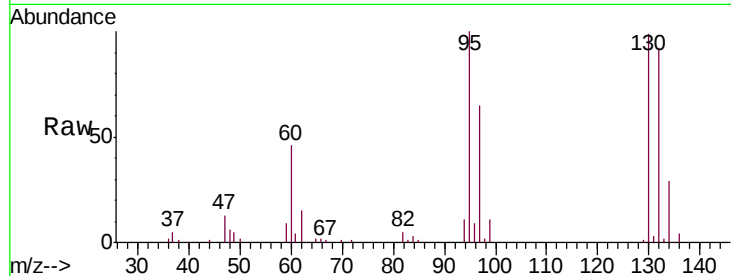




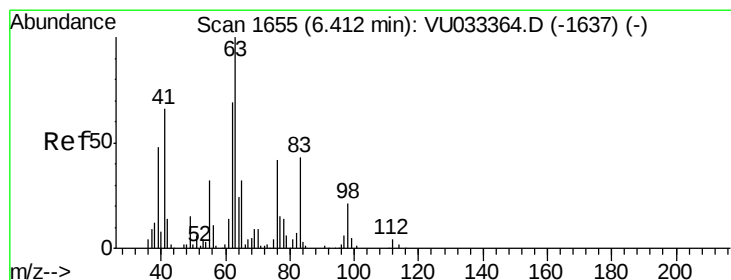
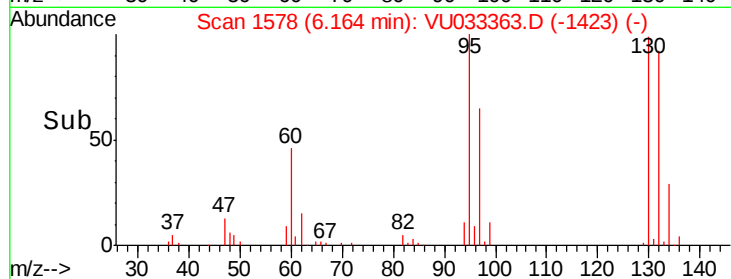
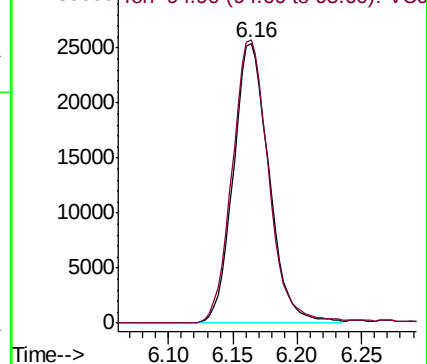
#37
 Trichloroethene
 Concen: 4.842 ug/l
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:130 Resp: 48834
 Ion Ratio Lower Upper
 130 100
 95 101.1 83.4 125.0

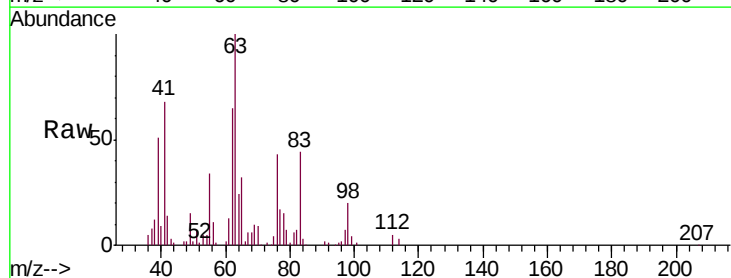


Abundance Ion 129.90 (129.60 to 130.60): VU033363.D (-1563) (-)
 Ion 94.90 (94.60 to 95.60): VU033363.D (-1563) (-)

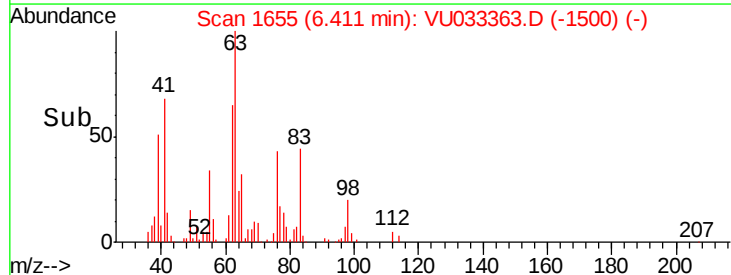
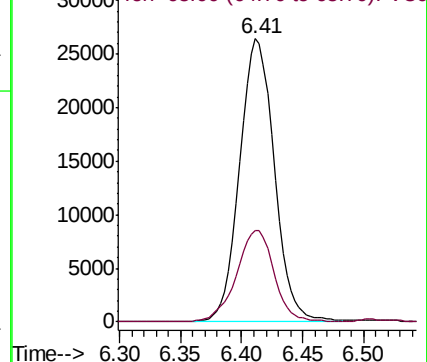


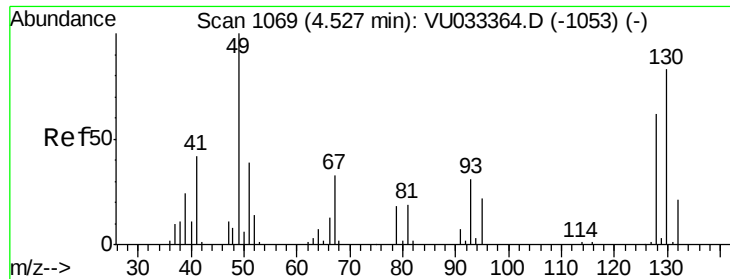
#38
 1,2-Dichloropropane
 Concen: 4.554 ug/l
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion: 63 Resp: 52080
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.7 38.5



Abundance Ion 63.00 (62.70 to 63.70): VU033363.D (-1500) (-)
 Ion 65.00 (64.70 to 65.70): VU033363.D (-1500) (-)

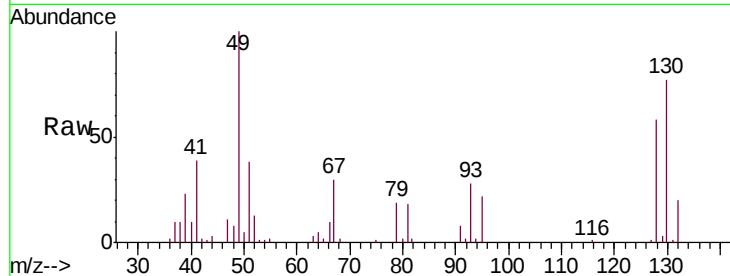




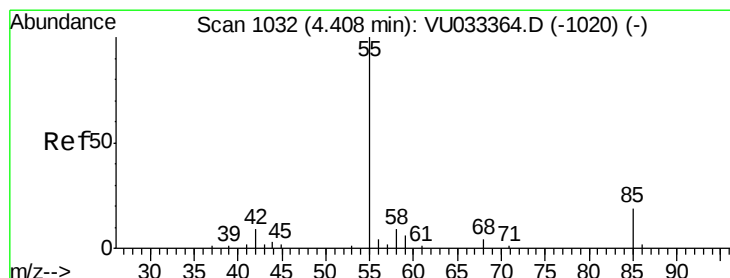
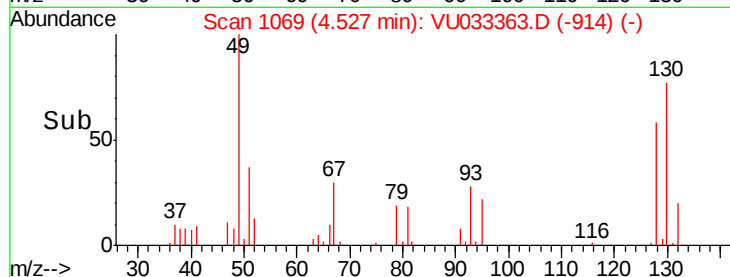
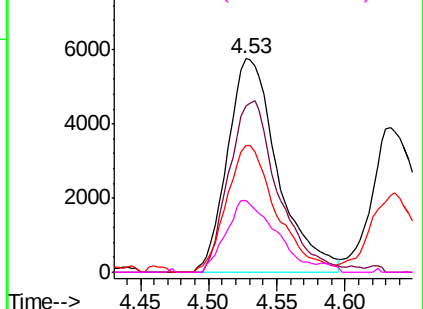
#39
Methacrylonitrile
Concen: 4.169 ug/l
RT: 4.53 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	14736
Ion	Ratio	Lower	Upper
41	100		
67	79.0	64.4	96.6
39	58.9	46.8	70.2
52	33.3	28.6	42.8

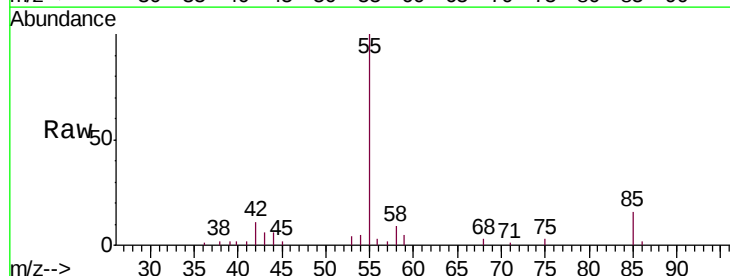


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

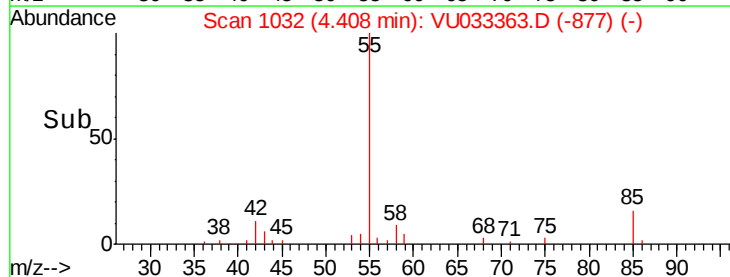
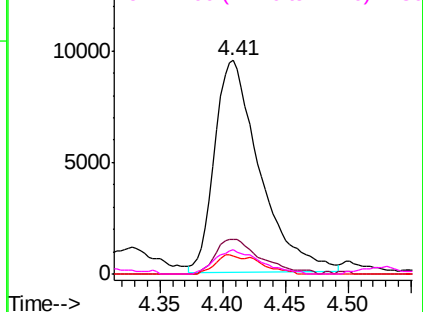


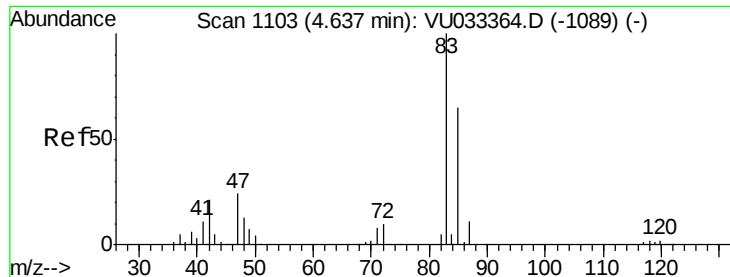
#40
Methyl acrylate
Concen: 5.082 ug/l
RT: 4.41 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Tgt Ion:	55	Resp:	23835
Ion	Ratio	Lower	Upper
55	100		
85	15.8	14.8	22.2
58	8.8	7.1	10.7
42	11.4	7.0	10.6#



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0

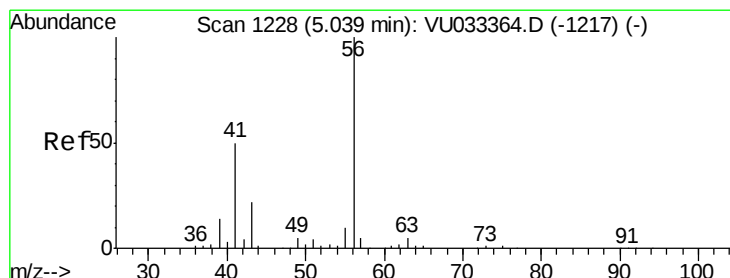
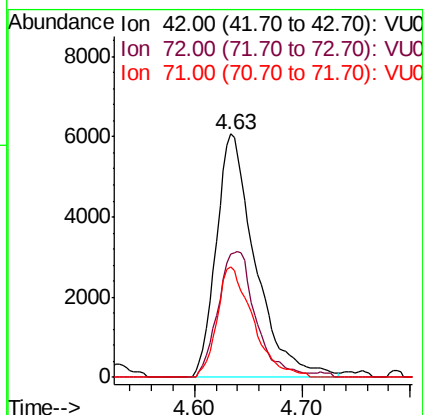
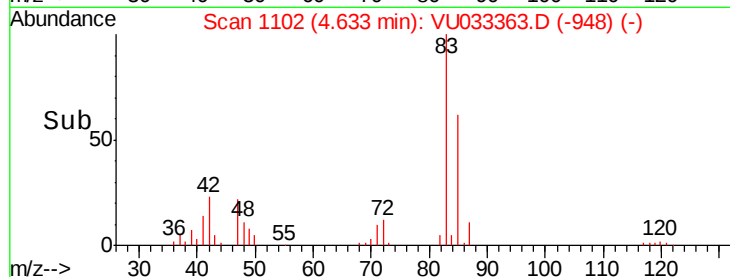
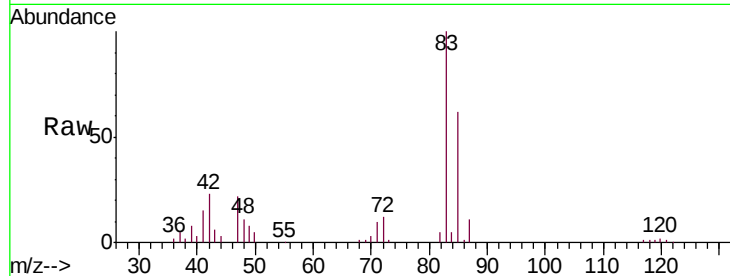




#41
Tetrahydrofuran
Concen: 7.840 ug/l
RT: 4.63 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

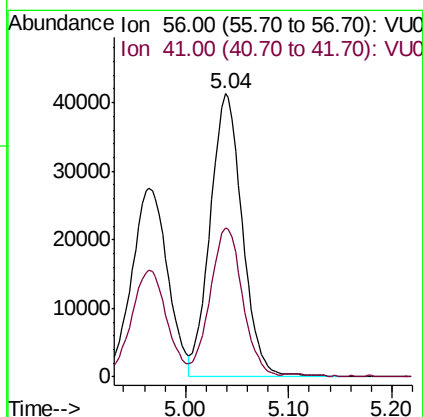
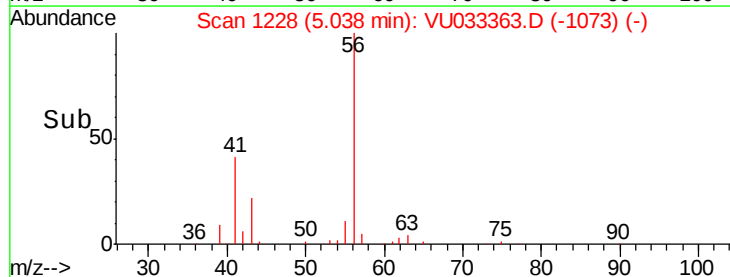
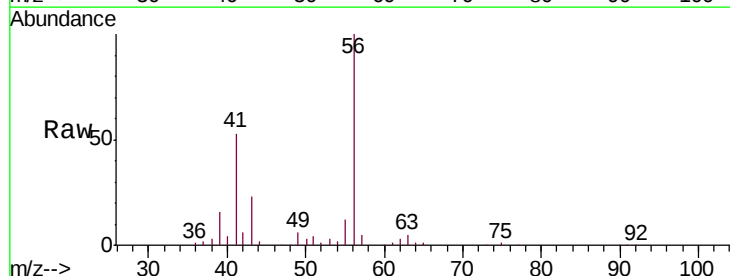
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

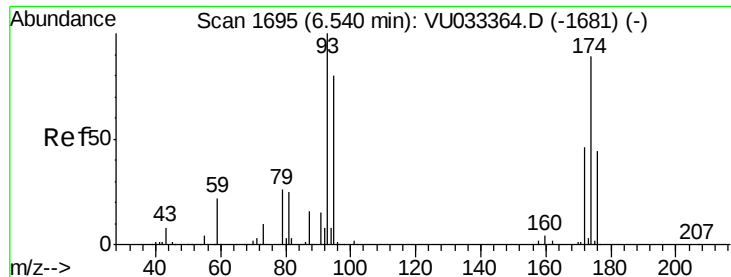
Tgt Ion: 42 Resp: 15304
Ion Ratio Lower Upper
42 100
72 49.8 38.7 58.1
71 41.7 34.6 52.0



#42
1-Chlorobutane
Concen: 4.470 ug/l
RT: 5.04 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Tgt Ion: 56 Resp: 88777
Ion Ratio Lower Upper
56 100
41 52.4 25.7 77.1

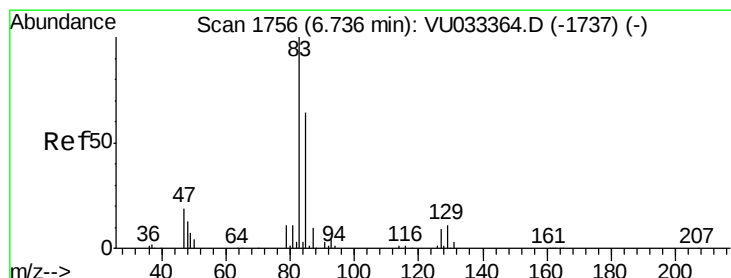
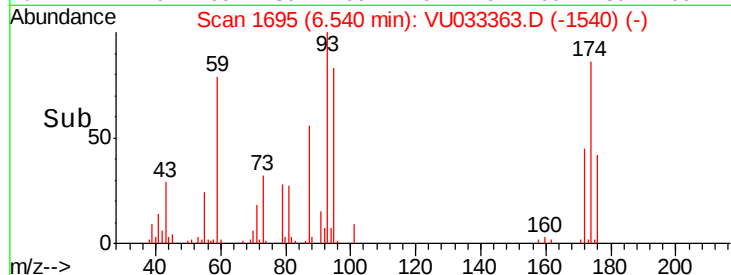
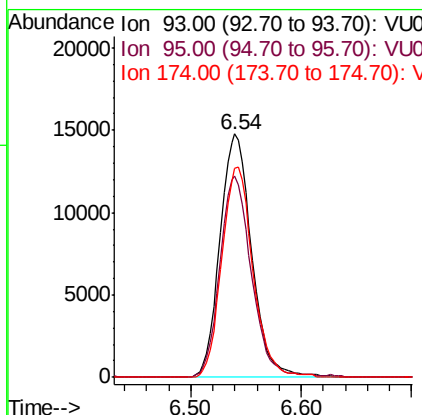
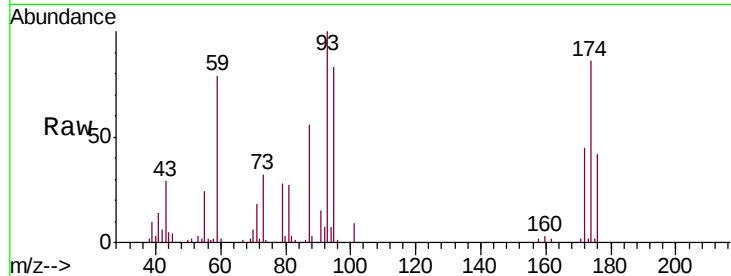




#43
Dibromomethane
Concen: 5.129 ug/l
RT: 6.54 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

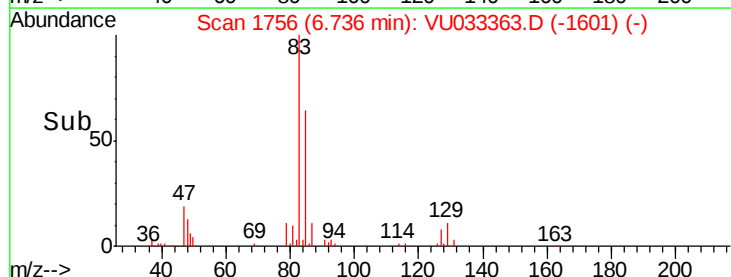
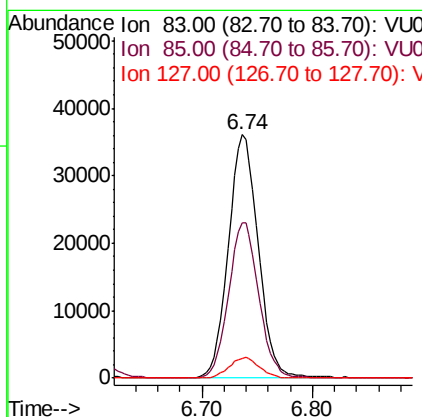
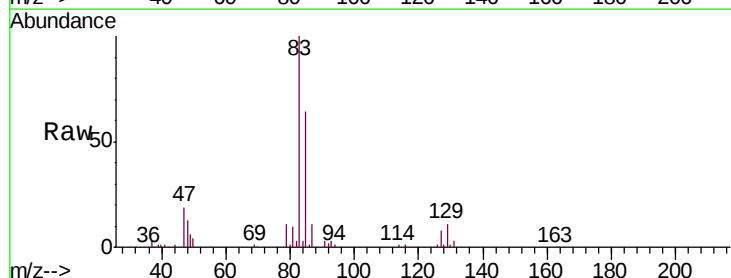
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

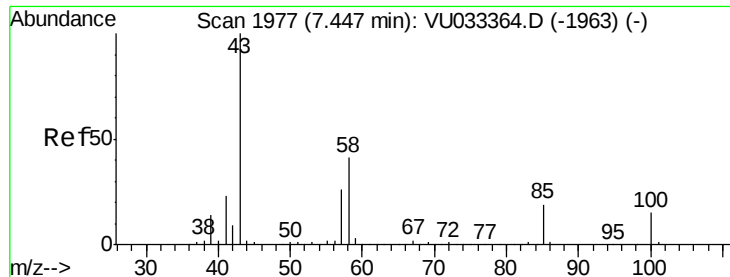
Tgt Ion: 93 Resp: 29479
Ion Ratio Lower Upper
93 100
95 82.1 65.3 97.9
174 85.1 70.7 106.1



#44
Bromodichloromethane
Concen: 4.800 ug/l
RT: 6.74 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Tgt Ion: 83 Resp: 67969
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.2 7.2 10.8

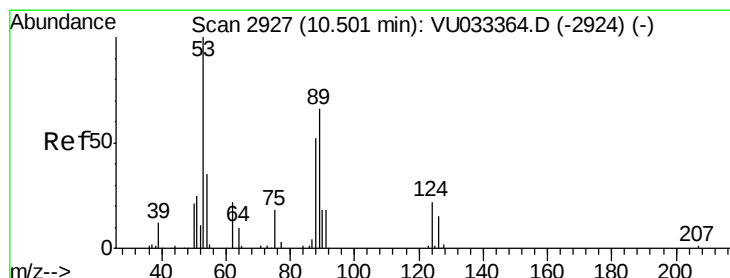
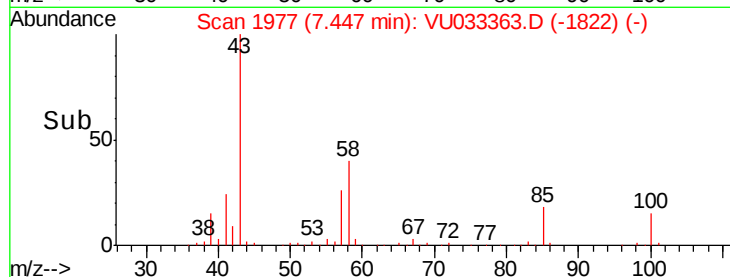
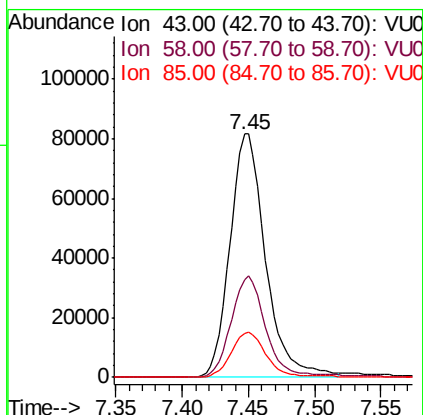
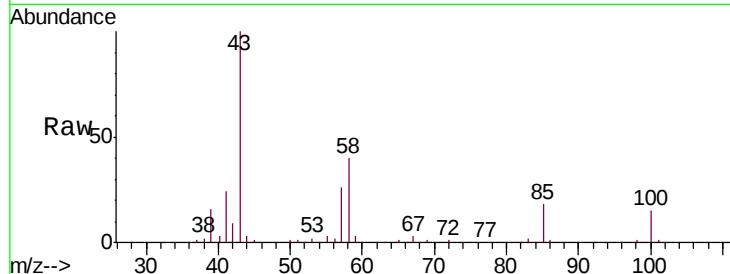




#45
 4-Methyl-2-Pentanone
 Concen: 22.807 ug/l
 RT: 7.45 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

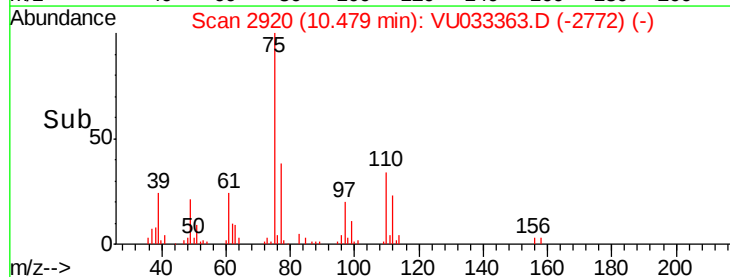
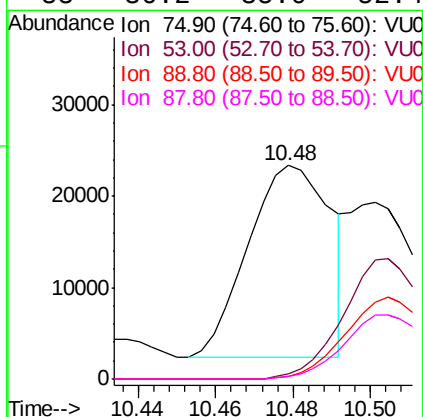
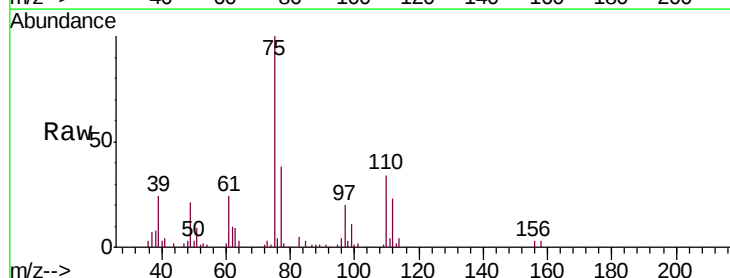
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

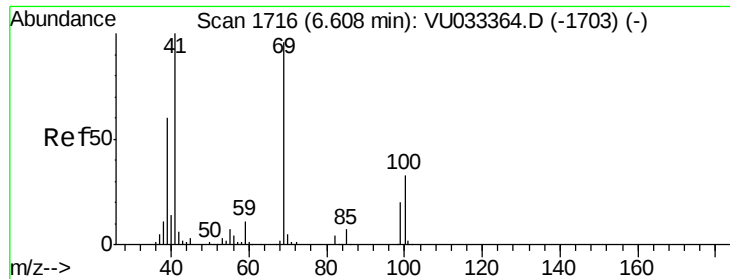
Tgt Ion: 43 Resp: 152388
 Ion Ratio Lower Upper
 43 100
 58 41.0 20.3 60.8
 85 18.4 15.0 22.6



#46
 t-1,4-Dichloro-2-butene
 Concen: 14.319 ug/l
 RT: 10.48 min Scan# 2920
 Delta R.T. -0.02 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion: 75 Resp: 30988
 Ion Ratio Lower Upper
 75 100
 53 65.9 62.9 94.3
 89 44.3 43.0 64.4
 88 36.2 35.0 52.4

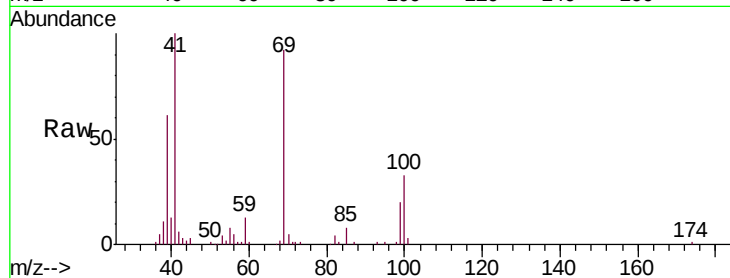




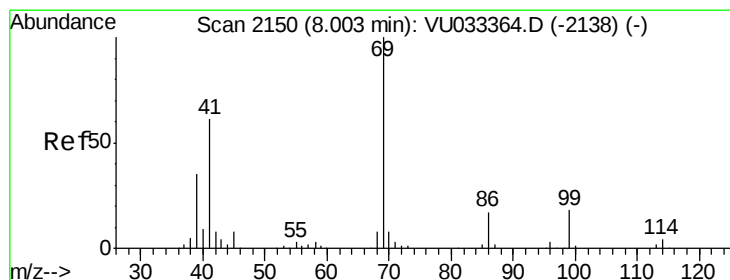
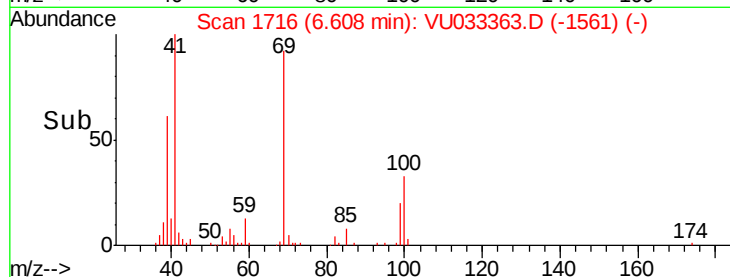
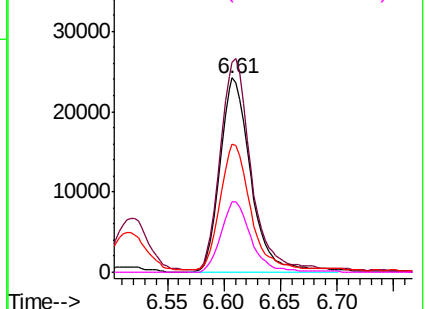
#47
Methyl methacrylate
Concen: 10.487 ug/l
RT: 6.61 min Scan# 1716
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 46064
Ion Ratio Lower Upper
69 100
41 106.2 0.0 208.2
39 63.0 50.6 75.8
100 35.2 27.2 40.8

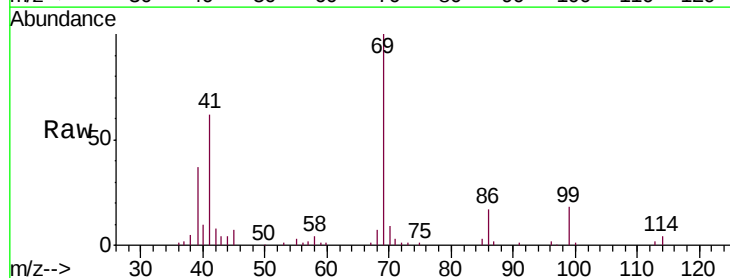


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

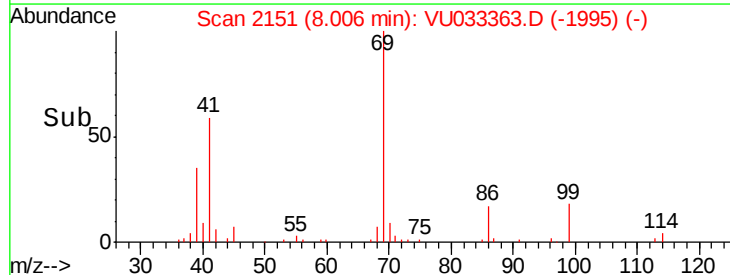
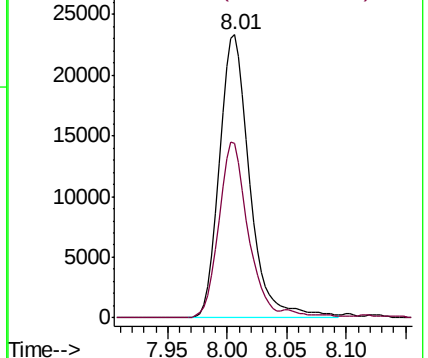


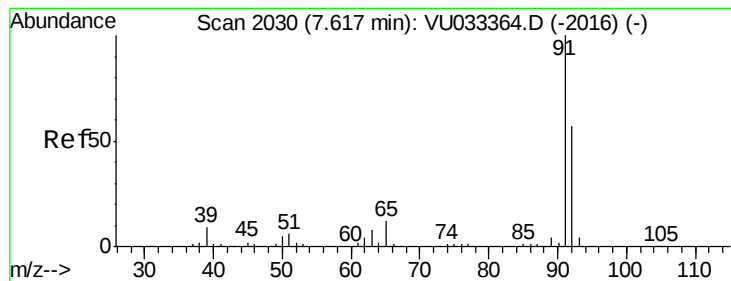
#48
Ethyl methacrylate
Concen: 5.377 ug/l
RT: 8.01 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Tgt Ion: 69 Resp: 41117
Ion Ratio Lower Upper
69 100
41 59.4 30.9 92.7



Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0





#49

Toluene

Concen: 5.231 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

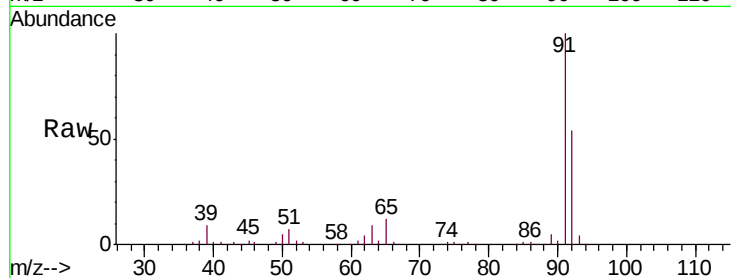
VSTDIC005

Tgt Ion: 92 Resp: 111993

Ion Ratio Lower Upper

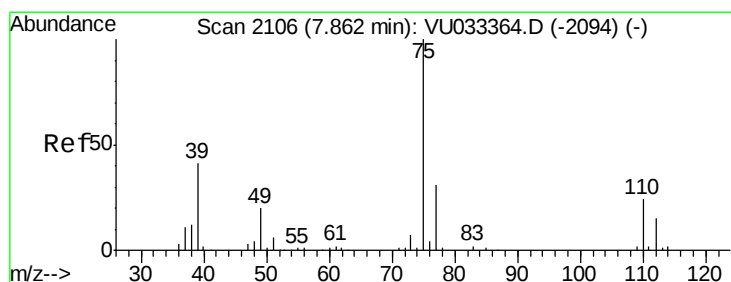
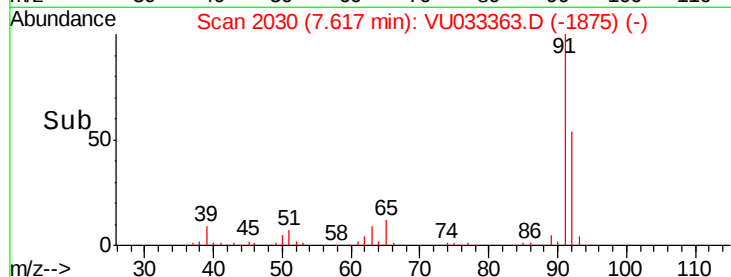
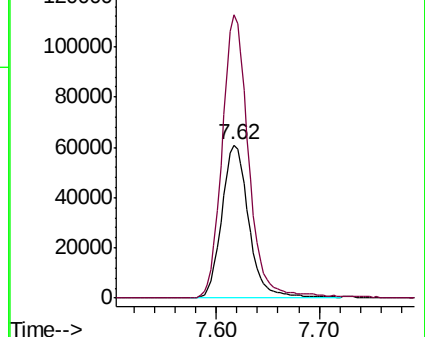
92 100

91 180.7 142.1 213.1



Abundance Ion 92.00 (91.70 to 92.70): VU033363.D (-1875) (-)

Ion 91.00 (90.70 to 91.70): VU033363.D (-1875) (-)



#50

t-1,3-Dichloropropene

Concen: 5.241 ug/l

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VU033363.D

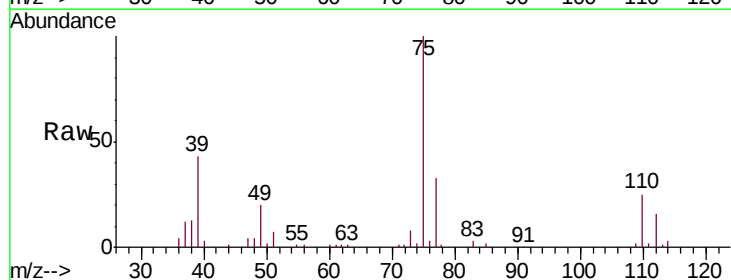
Acq: 22 Jul 2019 20:34

Tgt Ion: 75 Resp: 58791

Ion Ratio Lower Upper

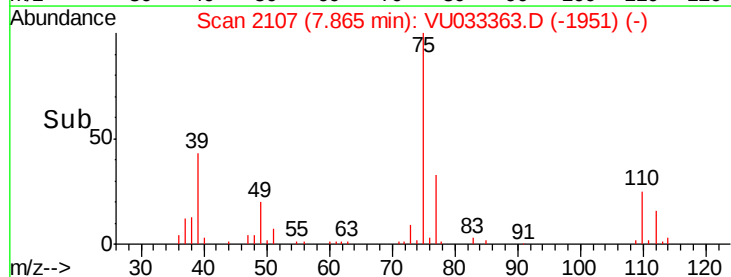
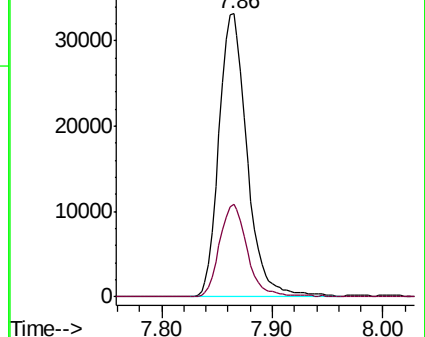
75 100

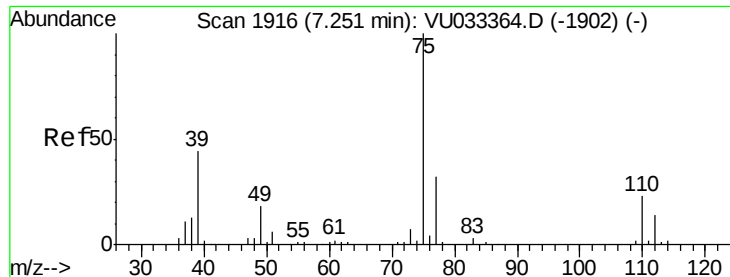
77 32.9 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU033363.D (-1951) (-)

Ion 77.00 (76.70 to 77.70): VU033363.D (-1951) (-)

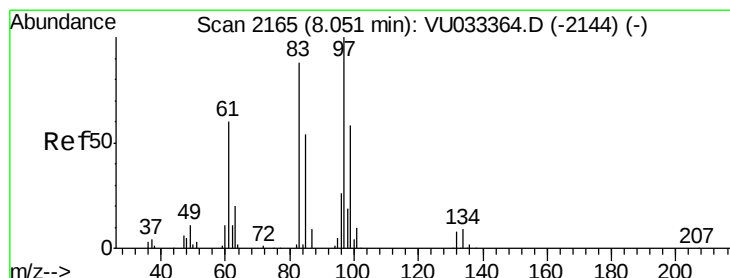
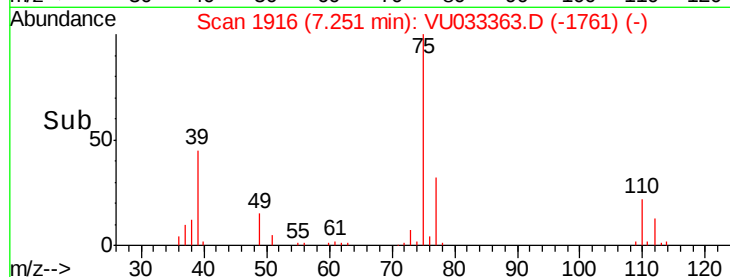
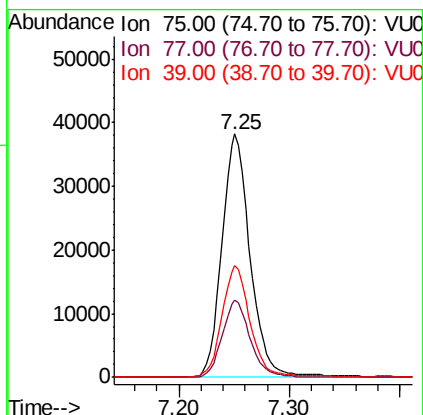
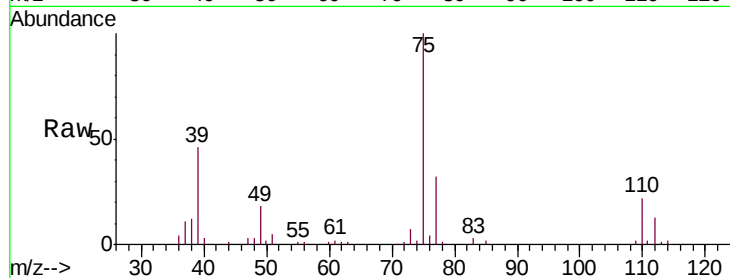




#51
 cis-1,3-Dichloropropene
 Concen: 4.994 ug/l
 RT: 7.25 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

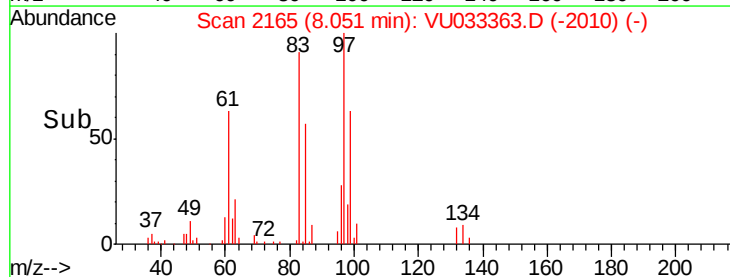
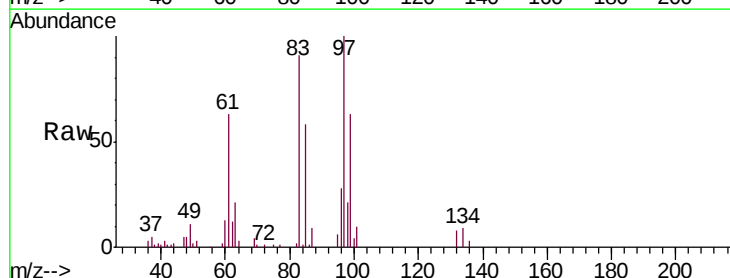
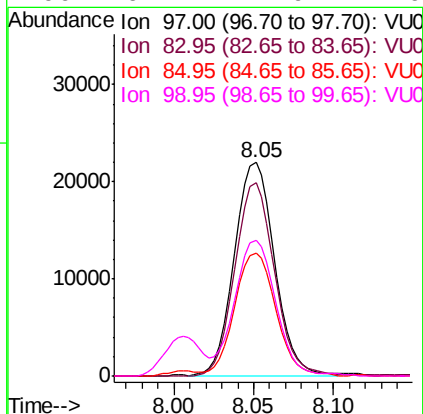
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

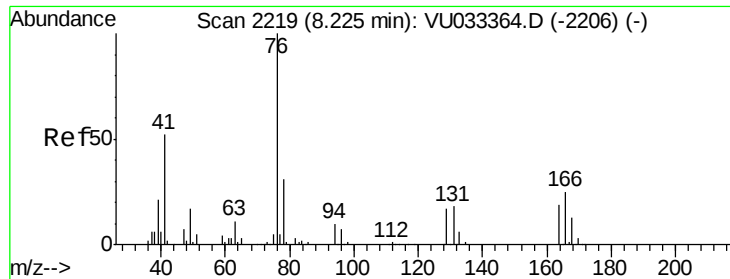
Tgt Ion: 75 Resp: 67671
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 39 45.7 35.2 52.8



#52
 1,1,2-Trichloroethane
 Concen: 5.027 ug/l
 RT: 8.05 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion: 97 Resp: 37902
 Ion Ratio Lower Upper
 97 100
 83 90.6 70.2 105.2
 85 57.7 43.5 65.3
 99 62.4 47.9 71.9

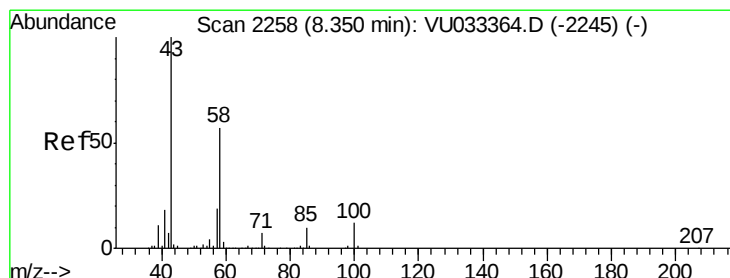
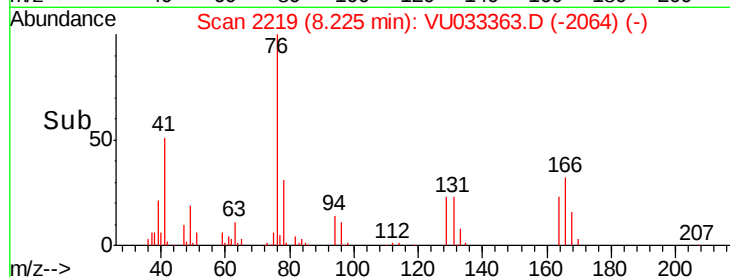
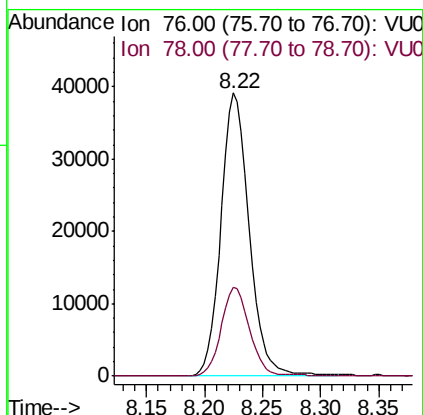
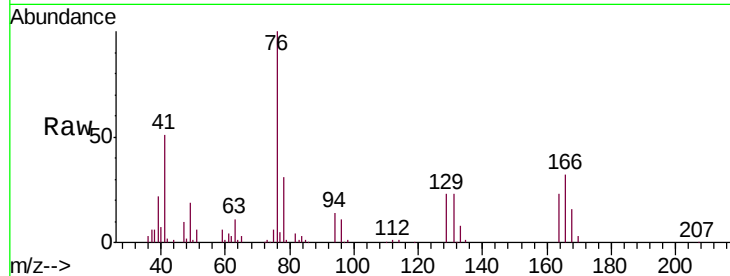




#53
 1,3-Dichloropropane
 Concen: 5.061 ug/l
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

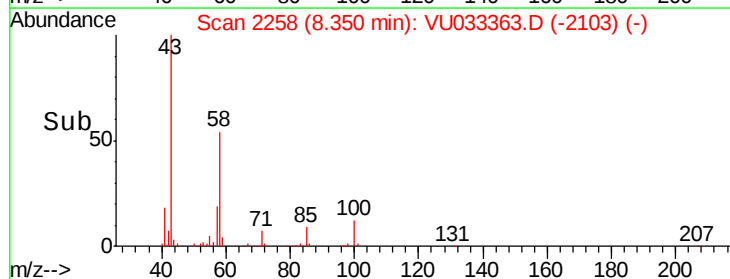
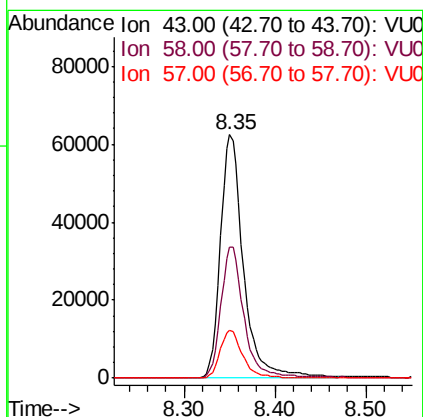
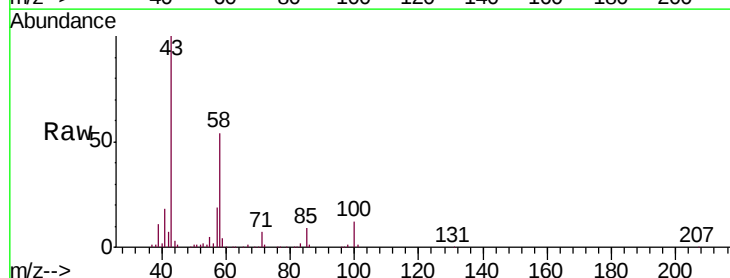
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

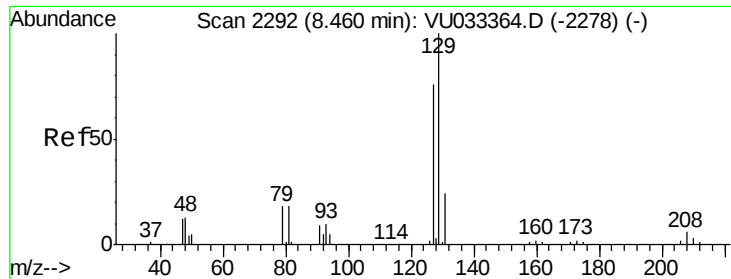
Tgt Ion: 76 Resp: 66095
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.7 38.5



#54
 2-Hexanone
 Concen: 24.358 ug/l
 RT: 8.35 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion: 43 Resp: 110255
 Ion Ratio Lower Upper
 43 100
 58 53.7 36.0 76.0
 57 18.9 0.0 39.4





#55

Dibromochloromethane

Concen: 5.343 ug/l

RT: 8.46 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

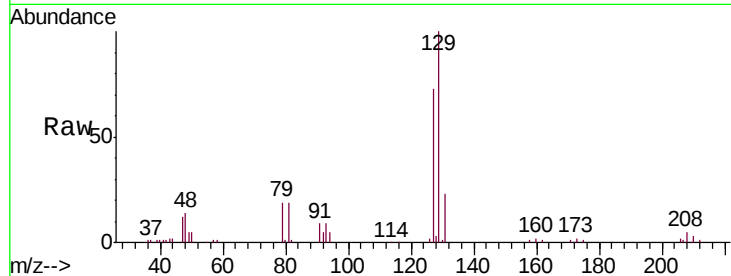
VSTDIC005

Tgt Ion:129 Resp: 45578

Ion Ratio Lower Upper

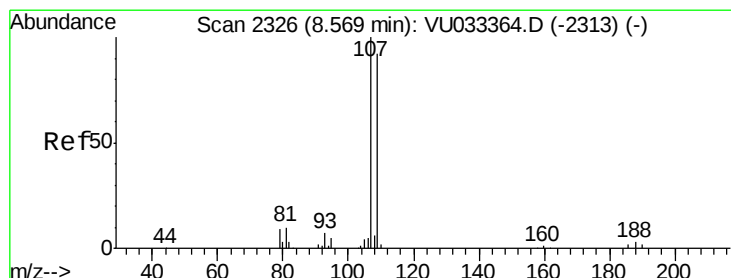
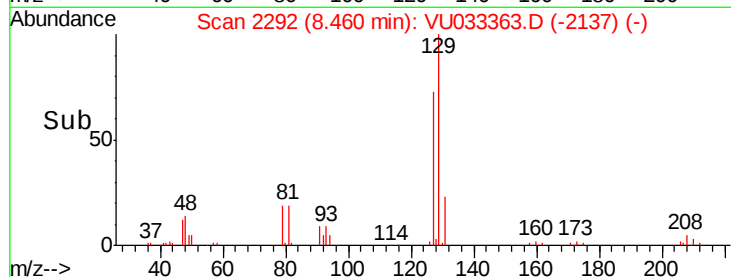
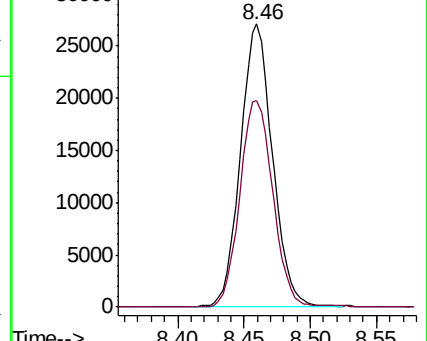
129 100

127 74.8 60.9 91.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 5.329 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VU033363.D

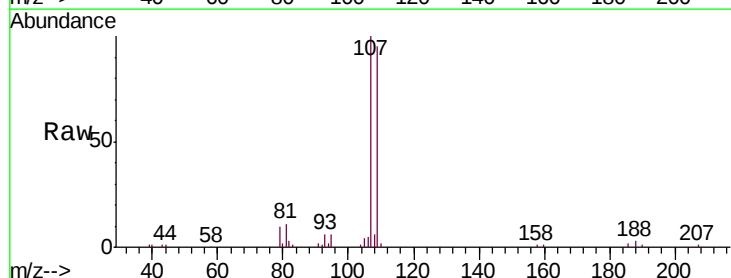
Acq: 22 Jul 2019 20:34

Tgt Ion:107 Resp: 36038

Ion Ratio Lower Upper

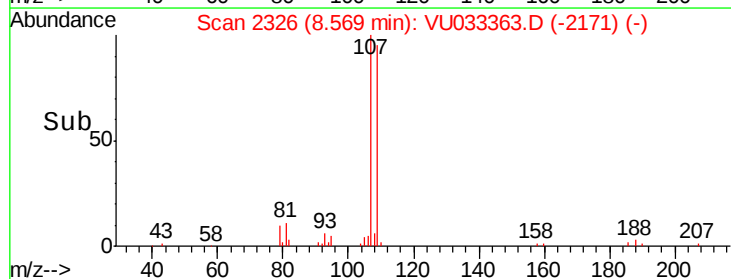
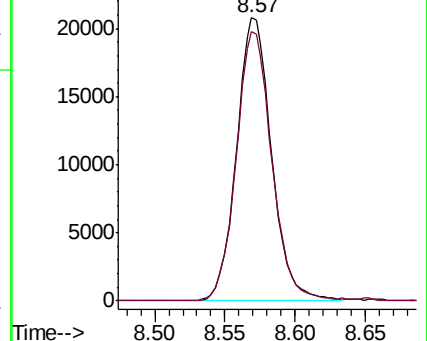
107 100

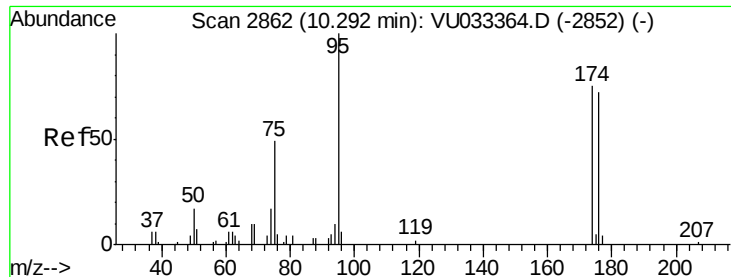
109 96.5 0.0 184.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

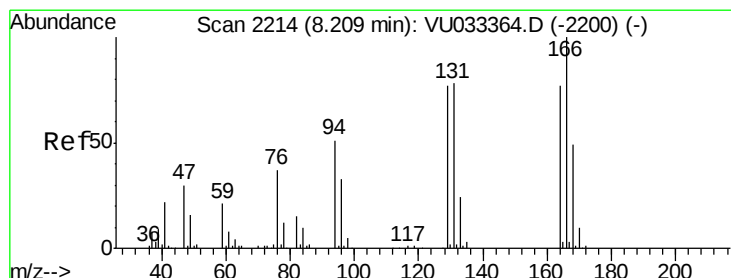
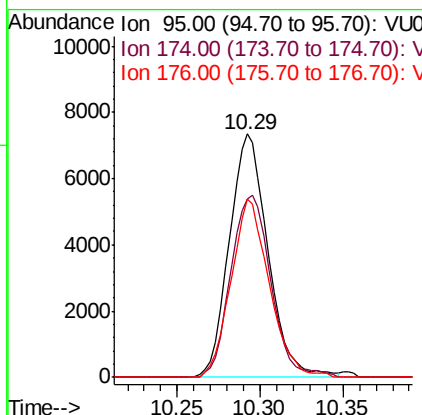
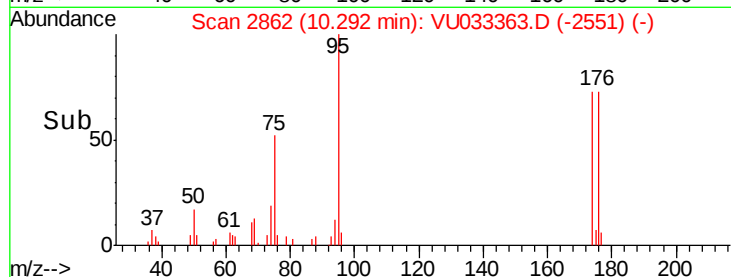
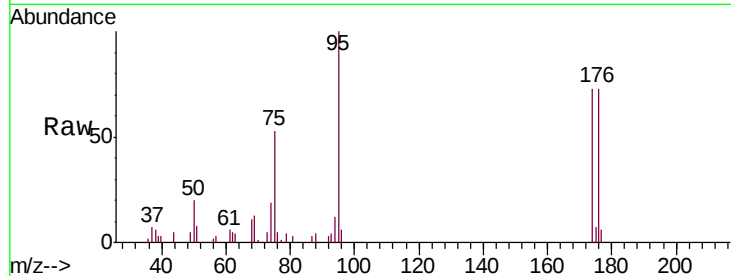




#57
4-Bromofluorobenzene
Concen: 1.044 ug/l
RT: 10.29 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

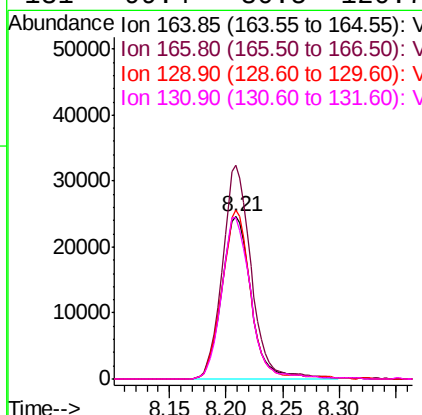
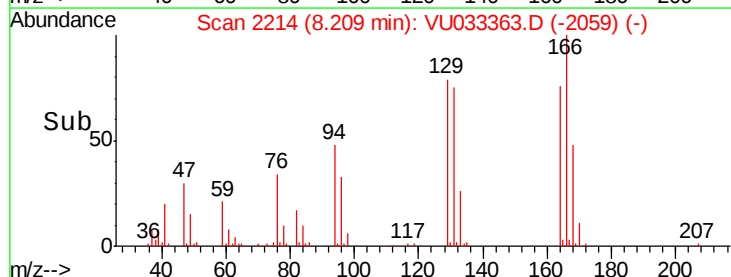
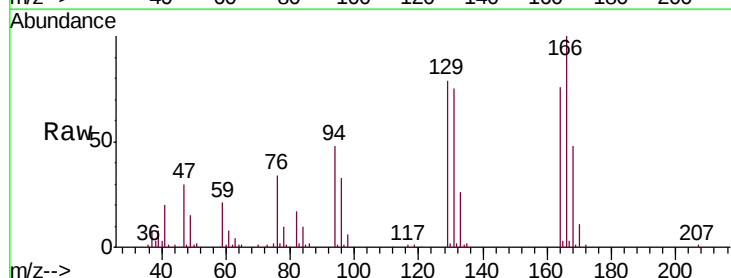
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

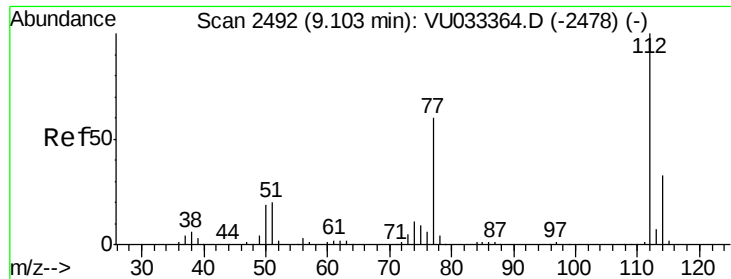
Tgt Ion: 95 Resp: 11884
Ion Ratio Lower Upper
95 100
174 77.6 58.8 88.2
176 72.7 54.4 81.6



#58
Tetrachloroethene
Concen: 4.631 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Tgt Ion: 164 Resp: 44787
Ion Ratio Lower Upper
164 100
166 131.7 103.8 155.6
129 104.5 79.7 119.5
131 99.4 80.5 120.7





#59

Chlorobenzene

Concen: 5.431 ug/l

RT: 9.10 min Scan# 2492

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

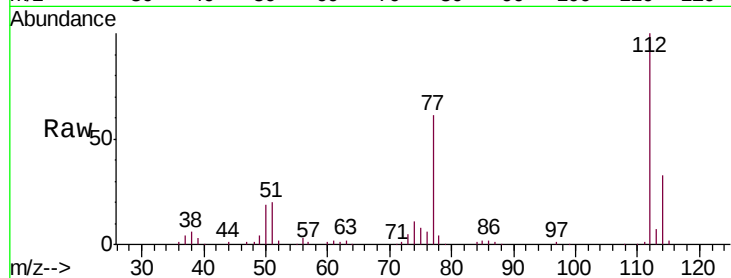
VSTDIC005

Tgt Ion:112 Resp: 123875

Ion Ratio Lower Upper

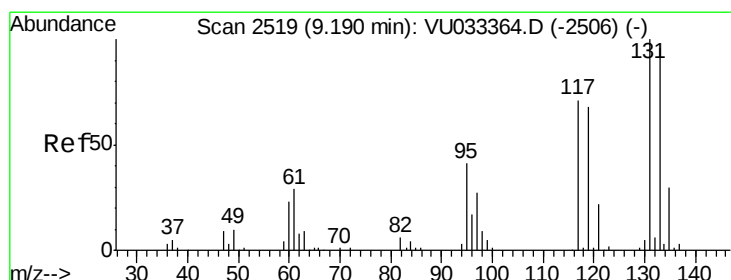
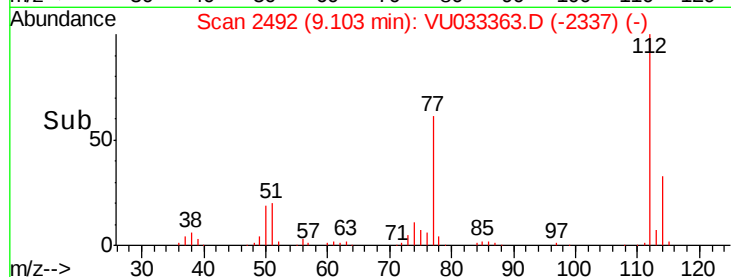
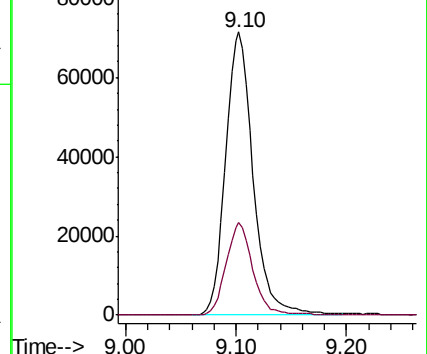
112 100

114 32.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 5.104 ug/l

RT: 9.19 min Scan# 2520

Delta R.T. 0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

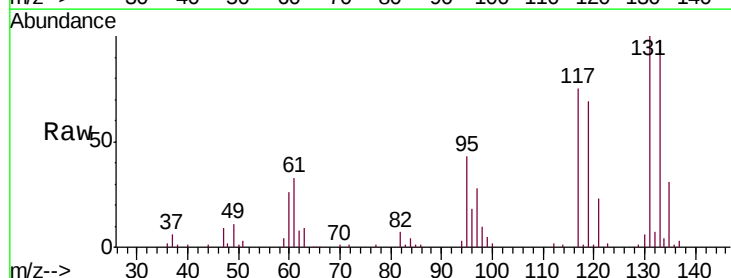
Tgt Ion:131 Resp: 45108

Ion Ratio Lower Upper

131 100

133 96.4 76.2 114.4

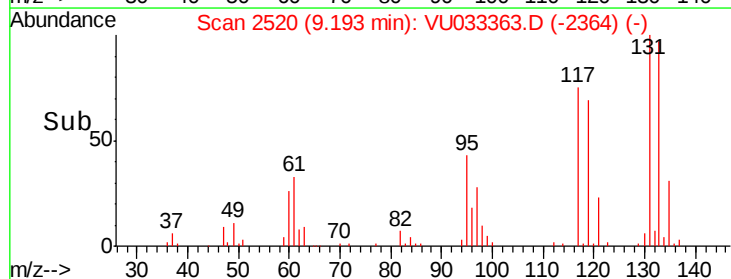
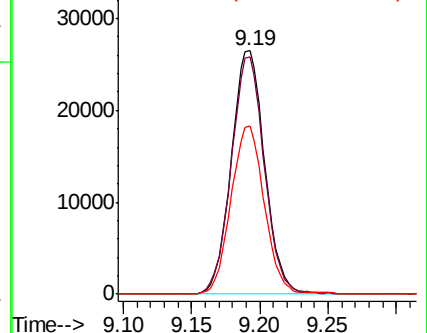
119 68.6 54.9 82.3

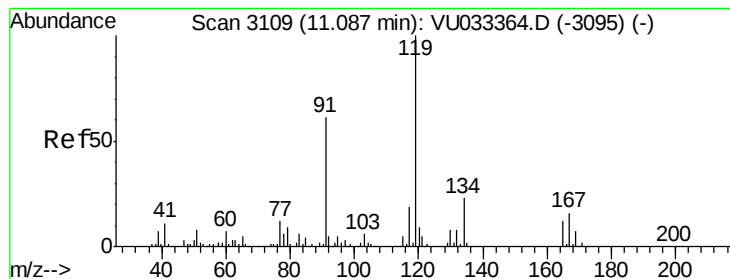


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61

Pentachloroethane

Concen: 5.715 ug/l

RT: 11.09 min Scan# 3109

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

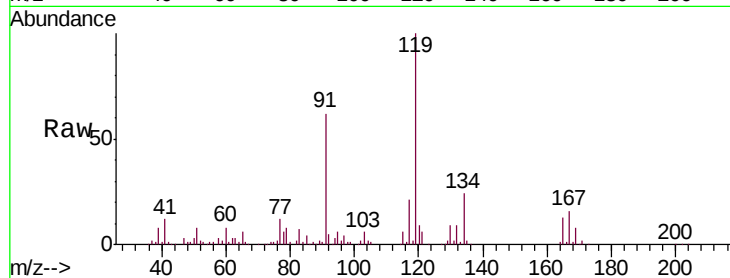
VSTDIC005

Tgt Ion:117 Resp: 36917

Ion Ratio Lower Upper

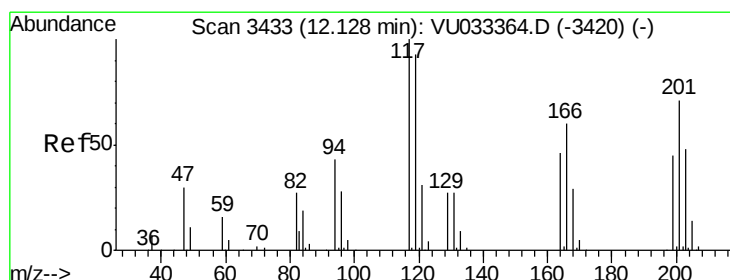
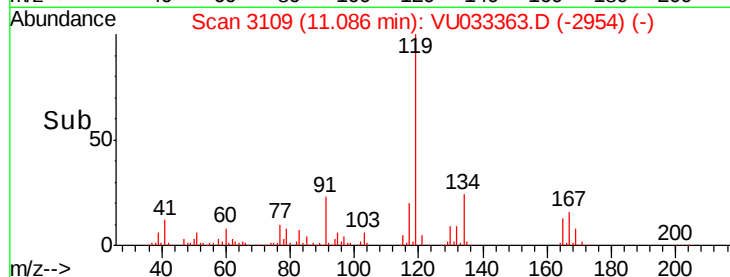
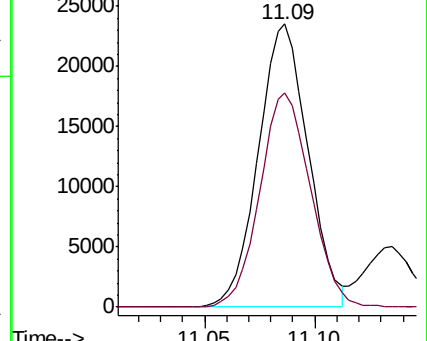
117 100

167 77.1 63.4 95.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 5.871 ug/l

RT: 12.13 min Scan# 3433

Delta R.T. -0.00 min

Lab File: VU033363.D

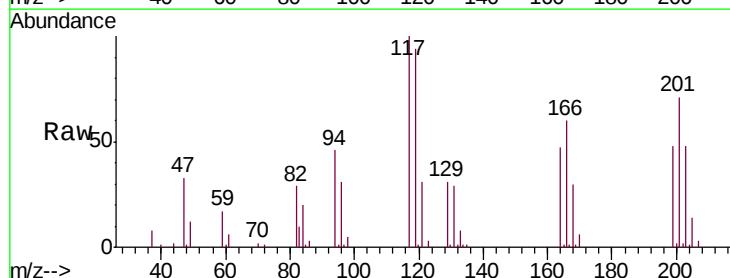
Acq: 22 Jul 2019 20:34

Tgt Ion:117 Resp: 37055

Ion Ratio Lower Upper

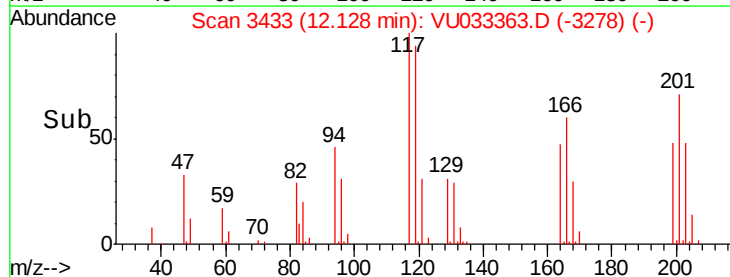
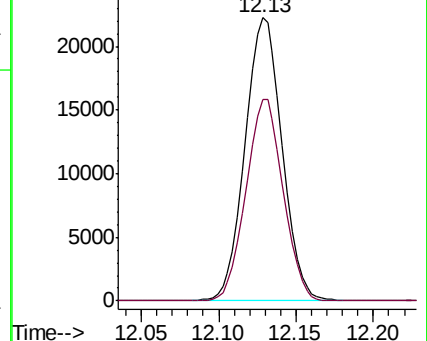
117 100

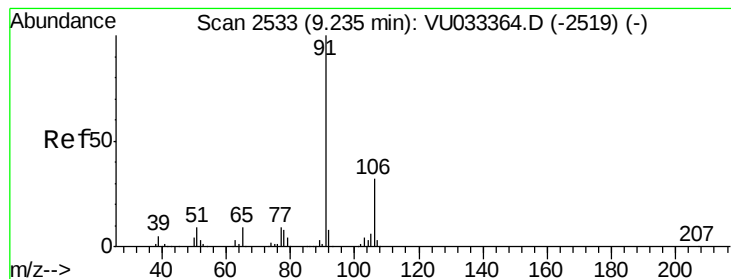
201 71.2 57.9 86.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 5.561 ug/l

RT: 9.23 min Scan# 2533

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

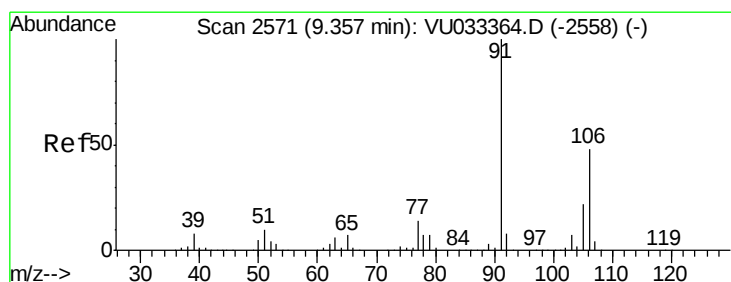
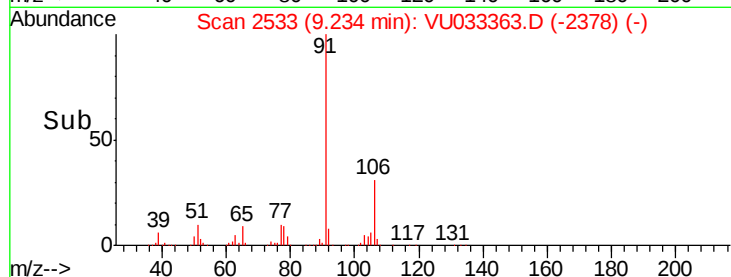
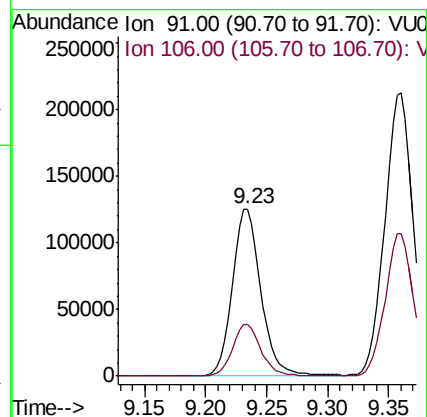
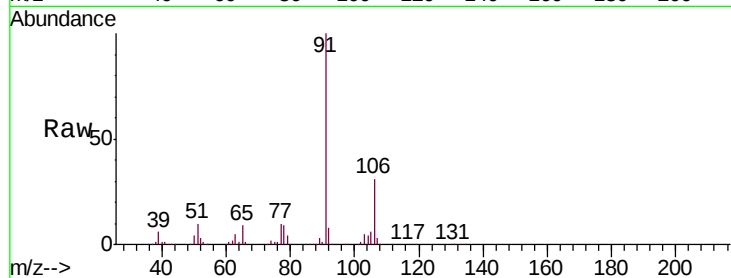
VSTDIC005

Tgt Ion: 91 Resp: 206430

Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.2



#64

m/p-Xylenes

Concen: 12.516 ug/l

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU033363.D

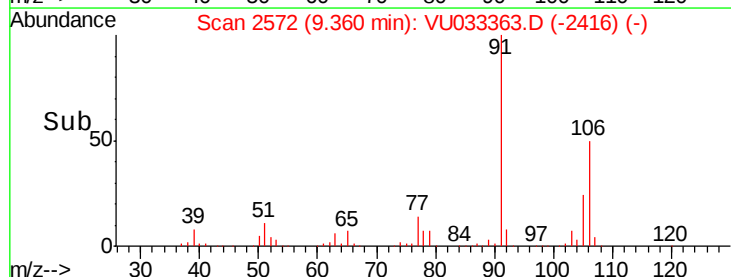
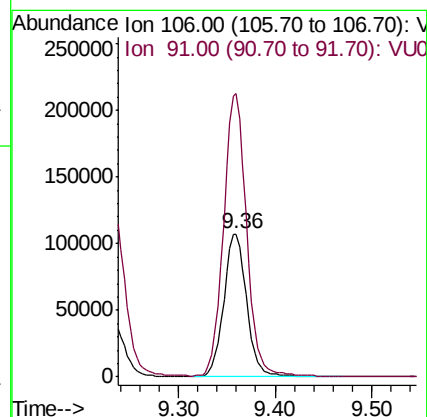
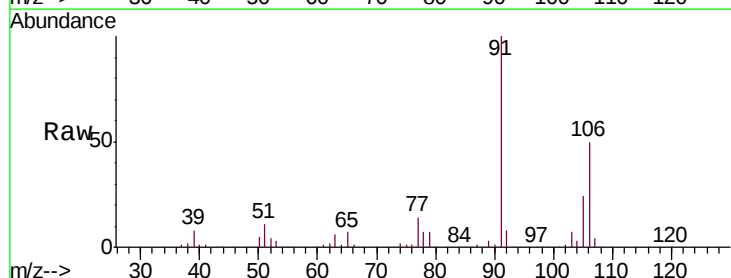
Acq: 22 Jul 2019 20:34

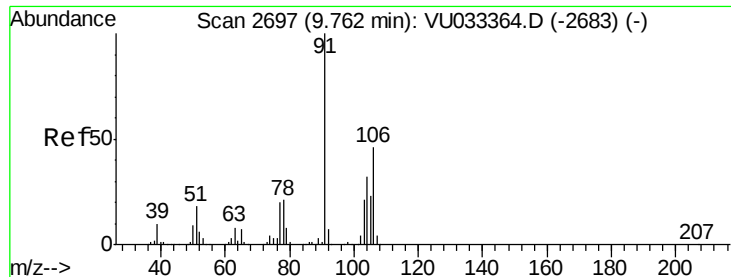
Tgt Ion: 106 Resp: 175396

Ion Ratio Lower Upper

106 100

91 199.7 167.1 250.7

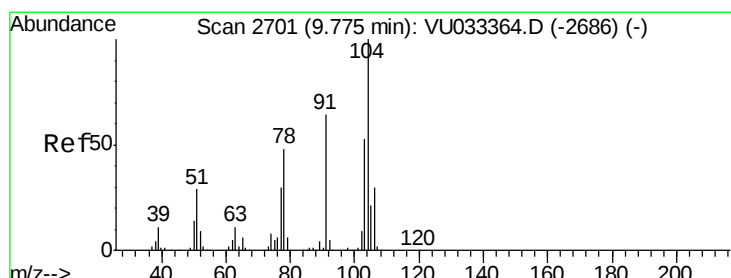
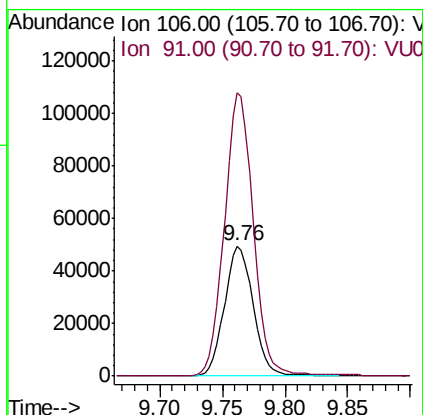
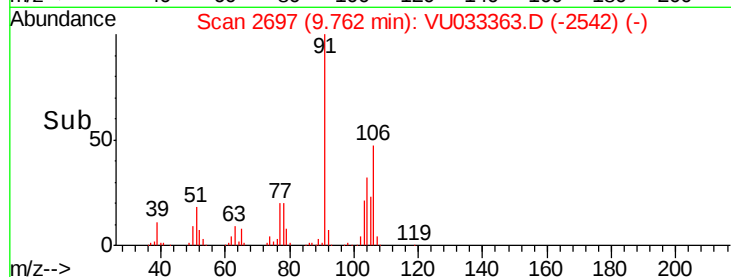
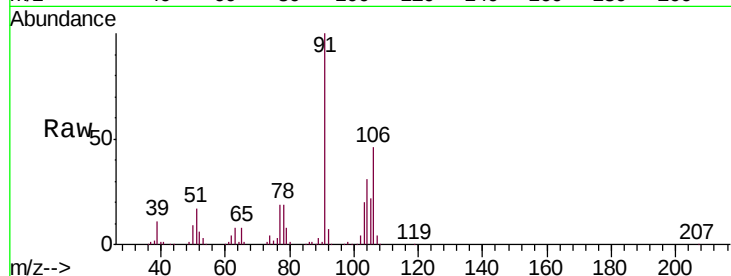




#65
o-Xylene
Concen: 5.788 ug/l
RT: 9.76 min Scan# 2697
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

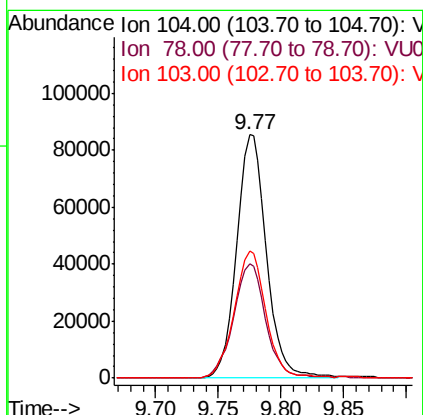
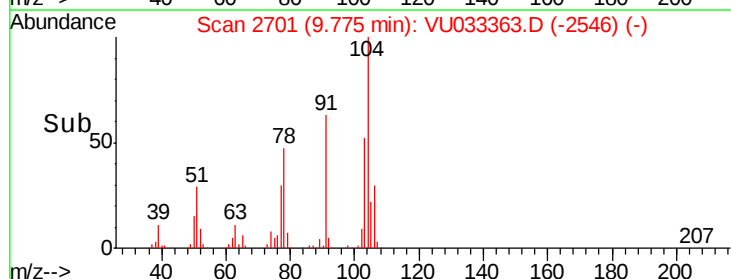
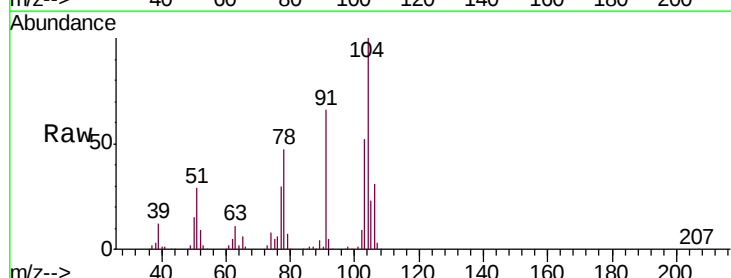
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

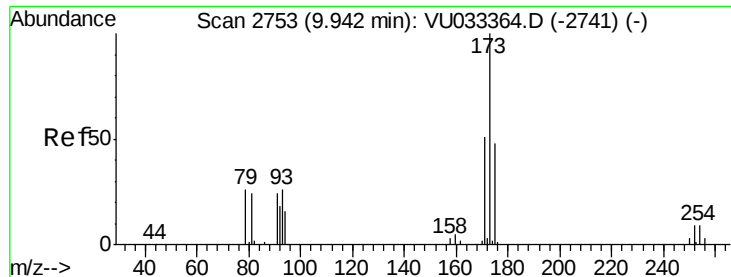
Tgt Ion:106 Resp: 79033
Ion Ratio Lower Upper
106 100
91 218.8 108.5 325.3



#66
Styrene
Concen: 6.238 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU033363.D
Acq: 22 Jul 2019 20:34

Tgt Ion:104 Resp: 141586
Ion Ratio Lower Upper
104 100
78 50.9 41.2 61.8
103 55.4 44.7 67.1

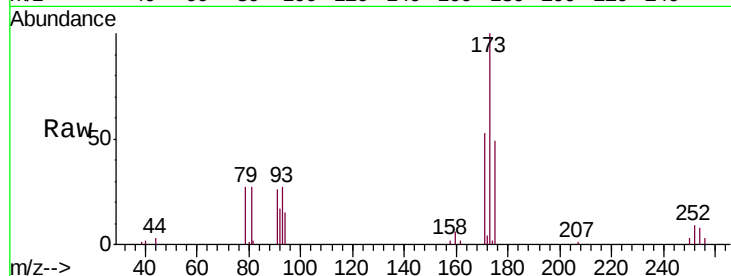




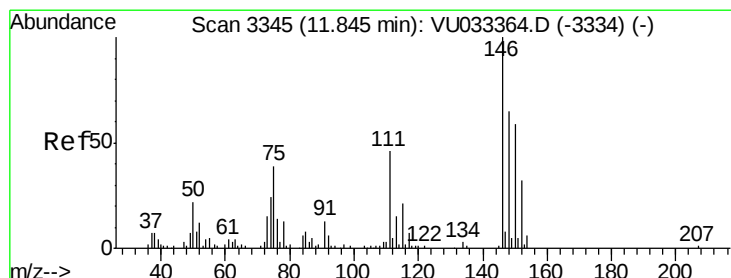
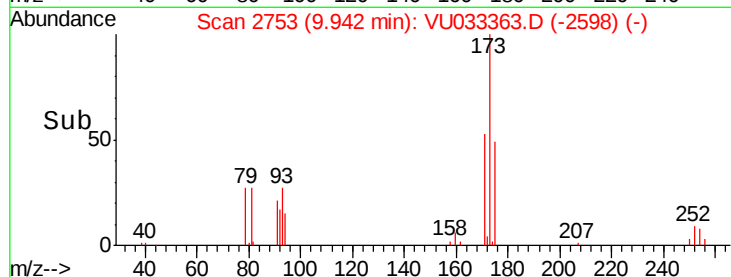
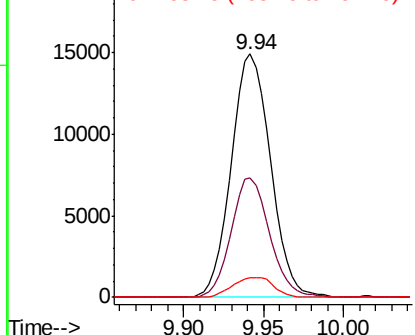
#67
 Bromoform
 Concen: 5.240 ug/l
 RT: 9.94 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:173 Resp: 24972
 Ion Ratio Lower Upper
 173 100
 175 47.9 38.6 58.0
 254 8.4 6.8 10.2

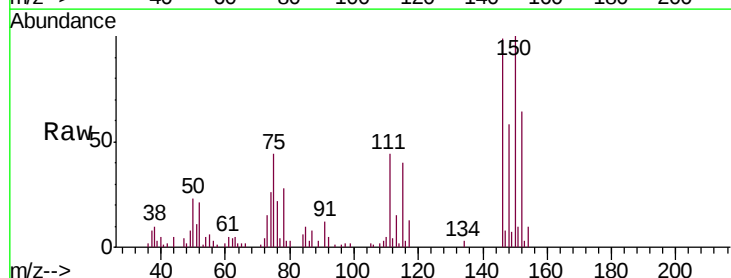


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

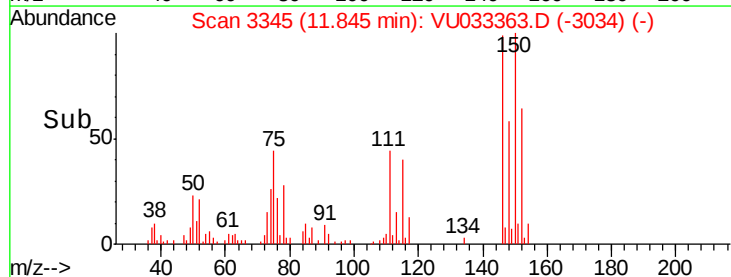
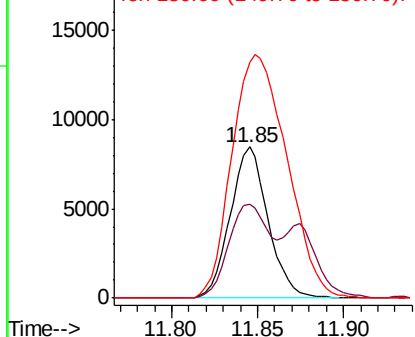


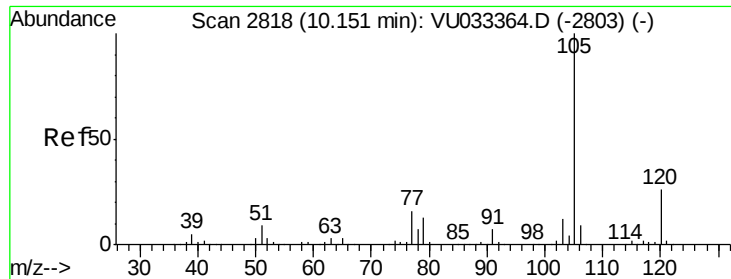
#68
 1,2-Dichlorobenzene-d4
 Concen: 1.202 ug/l
 RT: 11.85 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion:152 Resp: 12933
 Ion Ratio Lower Upper
 152 100
 115 67.8 0.0 123.2
 150 234.3 0.0 648.4



Abundance Ion 152.00 (151.70 to 152.70): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 5.823 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampled :

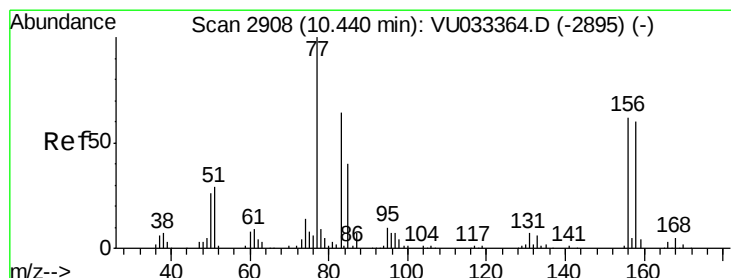
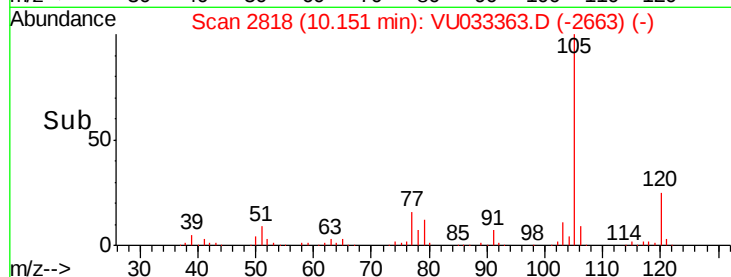
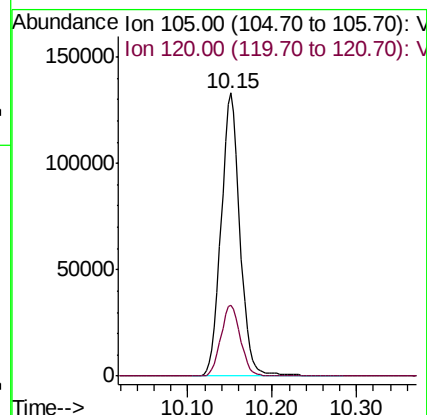
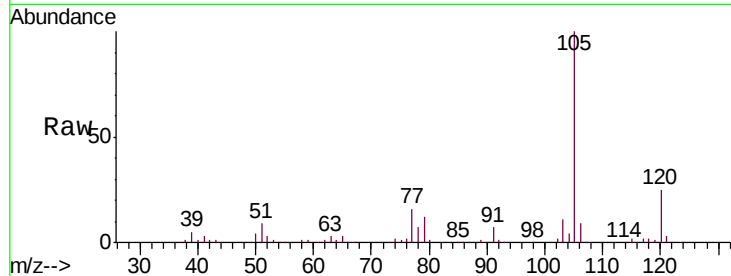
VSTDIC005

Tgt Ion:105 Resp: 207167

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.1



#70

1,1,2,2-Tetrachloroethane

Concen: 5.235 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

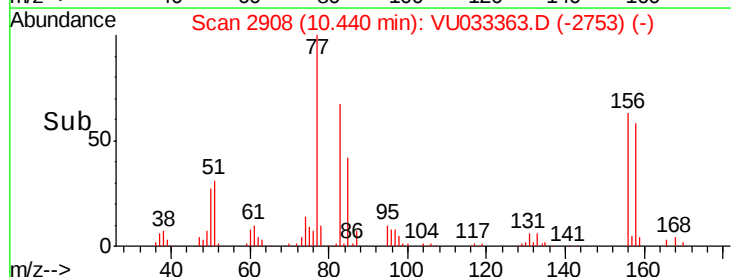
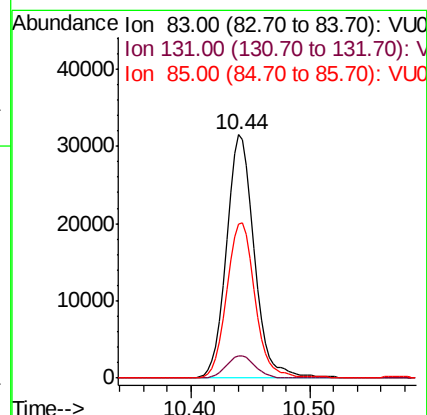
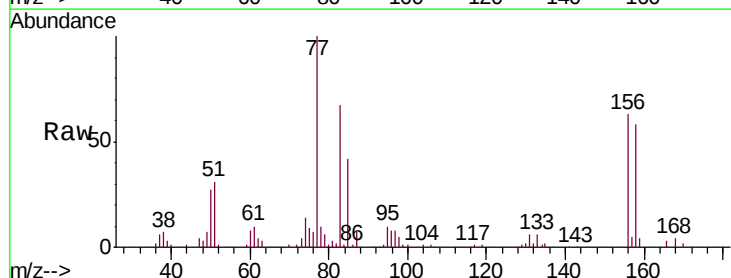
Tgt Ion: 83 Resp: 50977

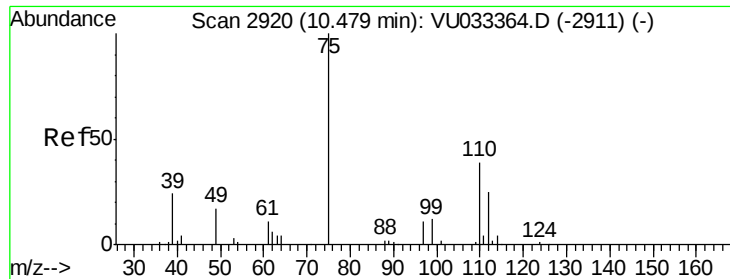
Ion Ratio Lower Upper

83 100

131 9.4 8.0 12.0

85 64.9 51.8 77.8

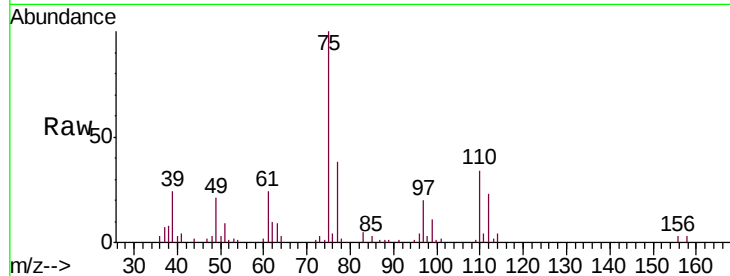




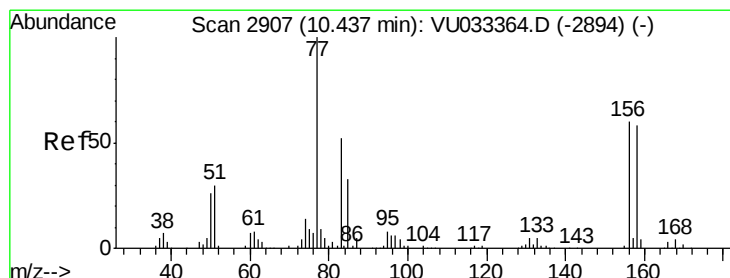
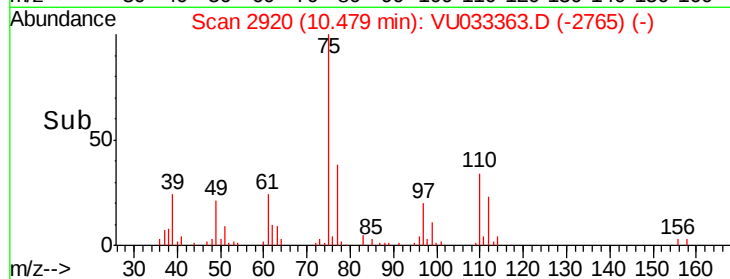
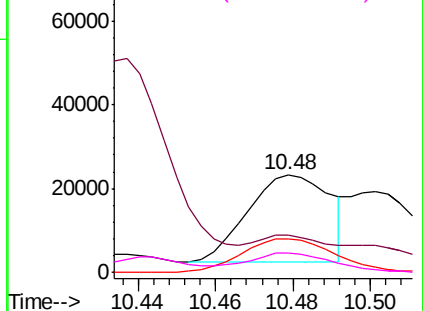
#71
 1,2,3-Trichloropropane
 Concen: 4.359 ug/l
 RT: 10.48 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:	75	Resp:	30988
Ion	Ratio	Lower	Upper
75	100		
77	11.9	0.0	18.2
110	43.5	0.0	71.4
97	23.0	0.0	37.8

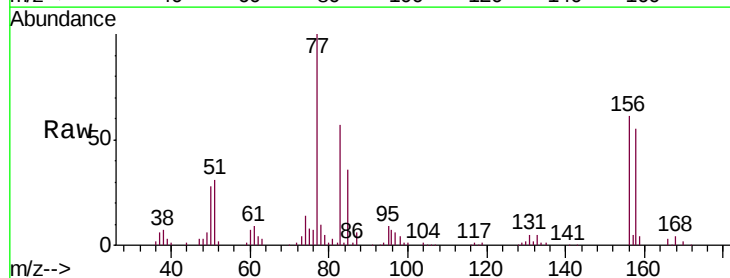


Abundance Ion 75.00 (74.70 to 75.70): VU033363.D (-2911) (-)
 Ion 77.00 (76.70 to 77.70): VU033363.D (-2911) (-)
 Ion 110.00 (109.70 to 110.70): VU033363.D (-2911) (-)
 Ion 97.00 (96.70 to 97.70): VU033363.D (-2911) (-)

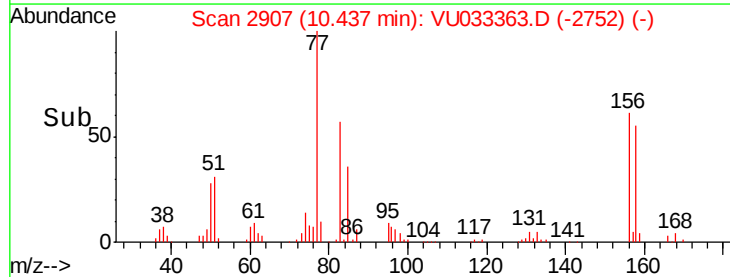
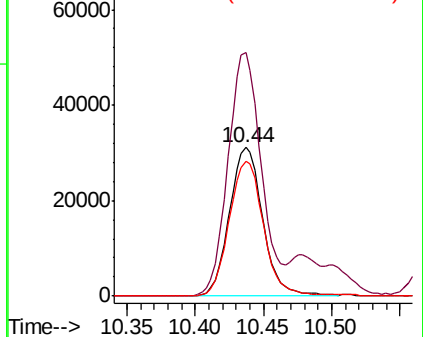


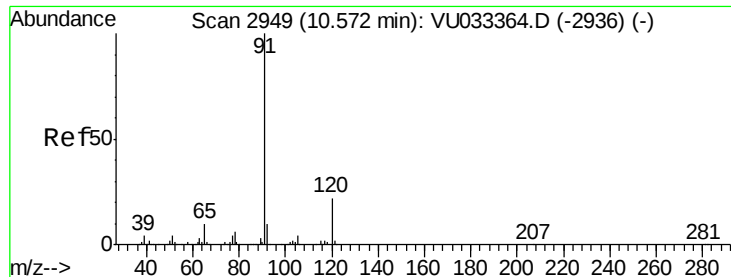
#72
 Bromobenzene
 Concen: 5.817 ug/l
 RT: 10.44 min Scan# 2907
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion:	156	Resp:	52830
Ion	Ratio	Lower	Upper
156	100		
77	164.3	0.0	324.4
158	94.0	0.0	192.4



Abundance Ion 156.00 (155.70 to 156.70): VU033363.D (-2894) (-)
 Ion 77.00 (76.70 to 77.70): VU033363.D (-2894) (-)
 Ion 158.00 (157.70 to 158.70): VU033363.D (-2894) (-)





#73

n-propylbenzene

Concen: 6.447 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

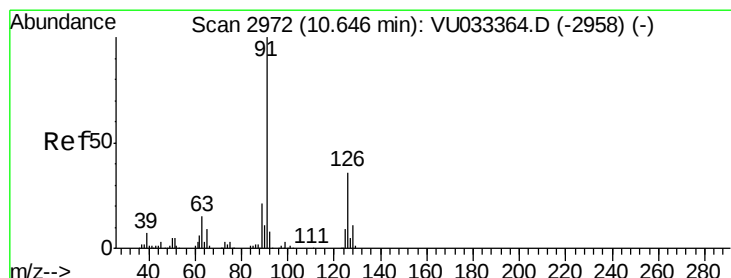
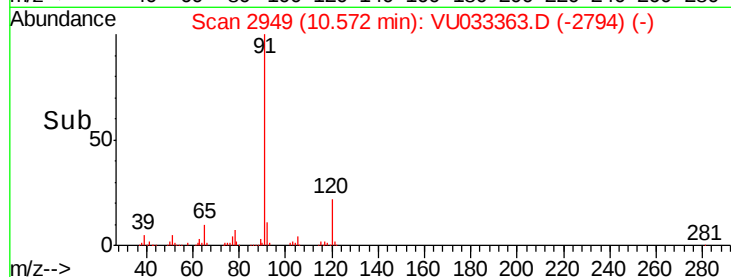
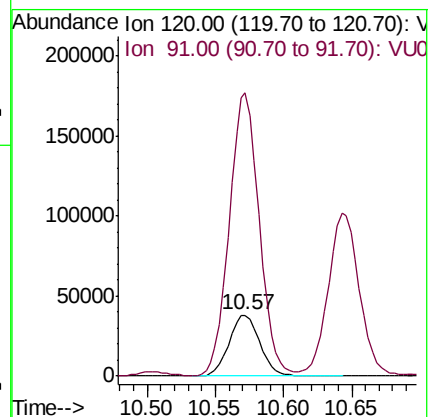
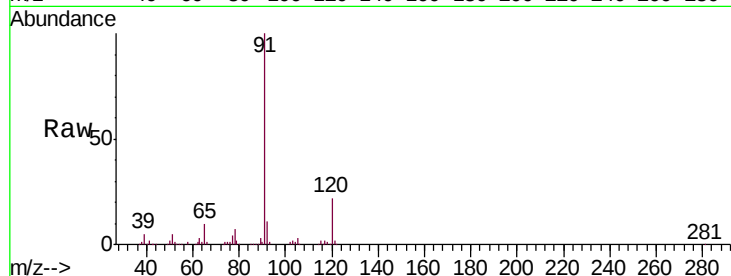
VSTDIC005

Tgt Ion:120 Resp: 60285

Ion Ratio Lower Upper

120 100

91 447.0 355.1 532.7



#74

2-Chlorotoluene

Concen: 6.081 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. -0.00 min

Lab File: VU033363.D

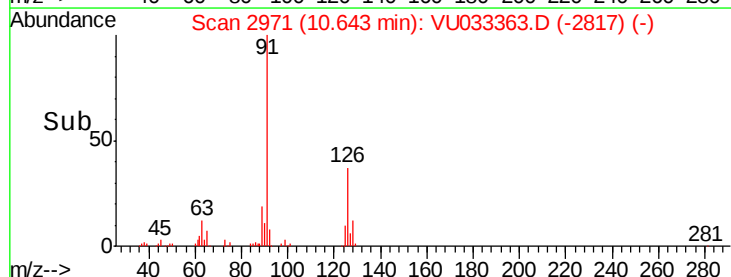
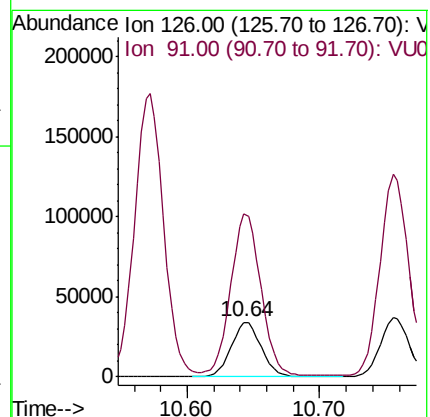
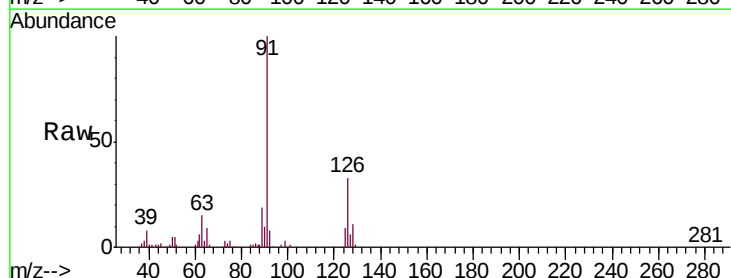
Acq: 22 Jul 2019 20:34

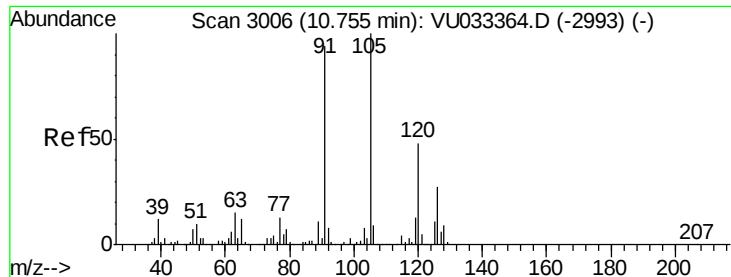
Tgt Ion:126 Resp: 53955

Ion Ratio Lower Upper

126 100

91 302.1 0.0 598.0





#75

1,3,5-Trimethylbenzene

Concen: 6.304 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

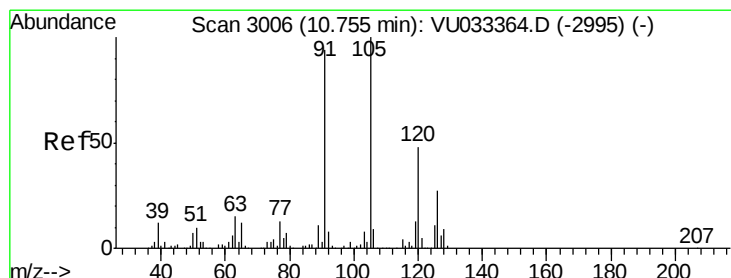
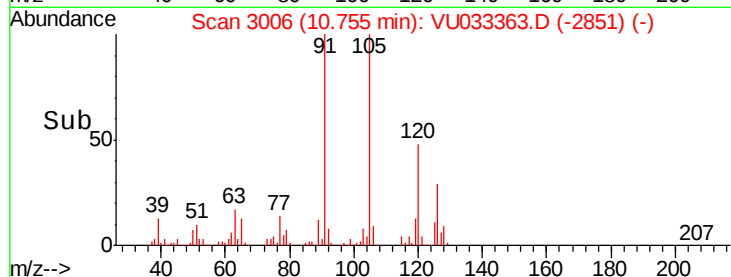
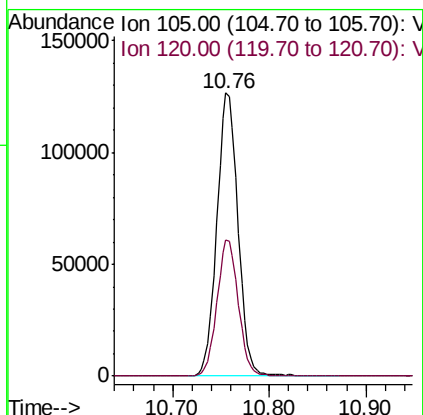
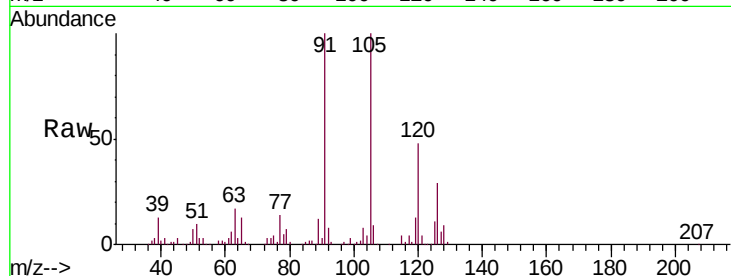
VSTDIC005

Tgt Ion:105 Resp: 192899

Ion Ratio Lower Upper

105 100

120 48.6 38.2 57.4



#76

4-Chlorotoluene

Concen: 6.468 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033363.D

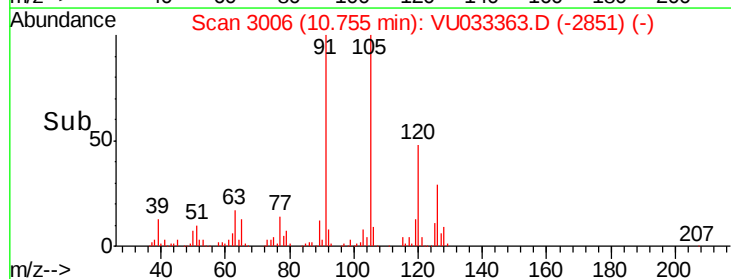
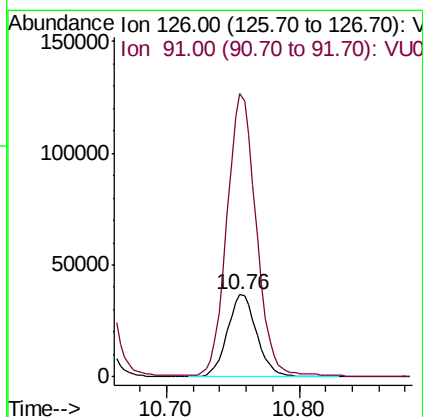
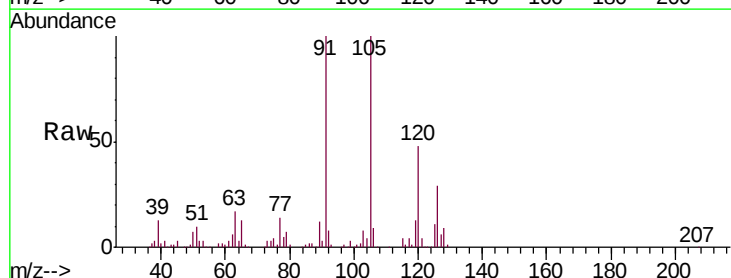
Acq: 22 Jul 2019 20:34

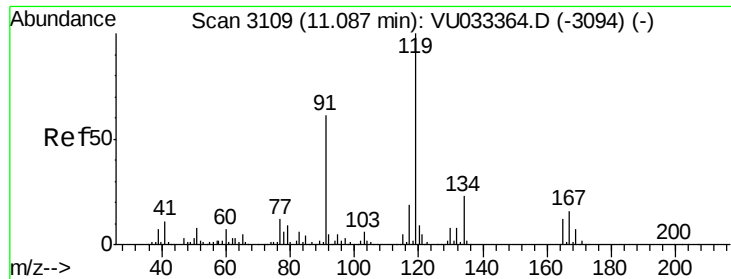
Tgt Ion:126 Resp: 56437

Ion Ratio Lower Upper

126 100

91 346.9 0.0 681.0

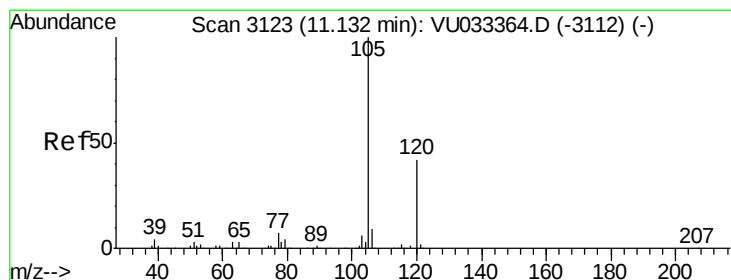
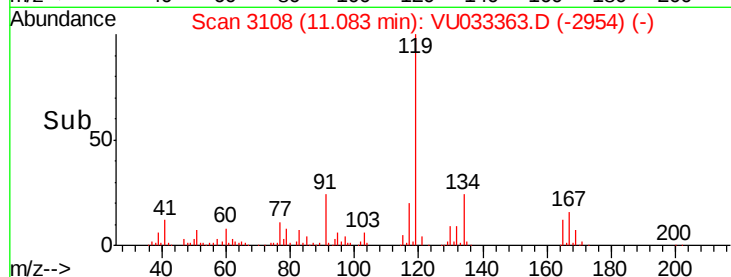
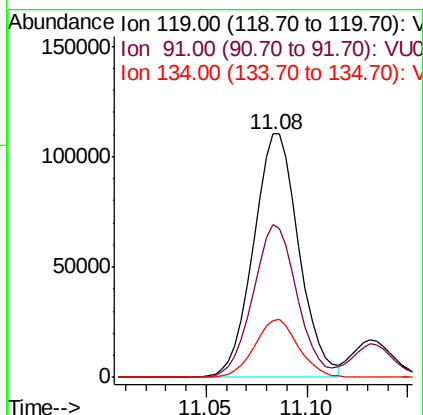
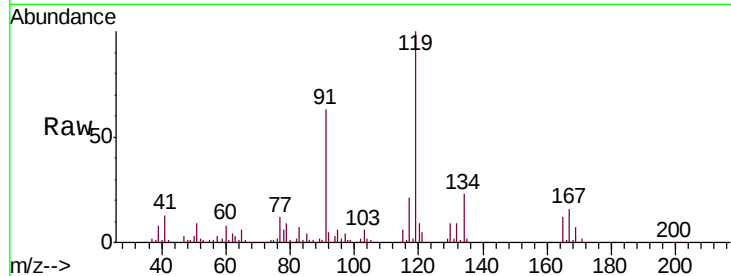




#77
 tert-Butylbenzene
 Concen: 6.032 ug/l
 RT: 11.08 min Scan# 3108
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

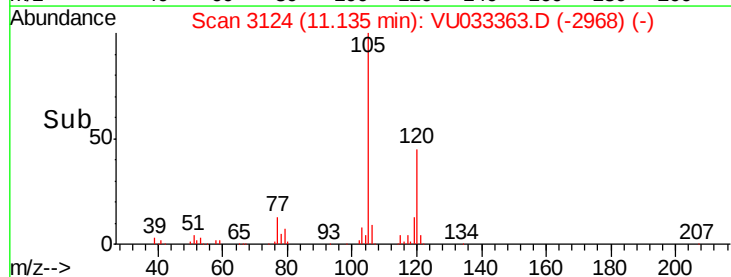
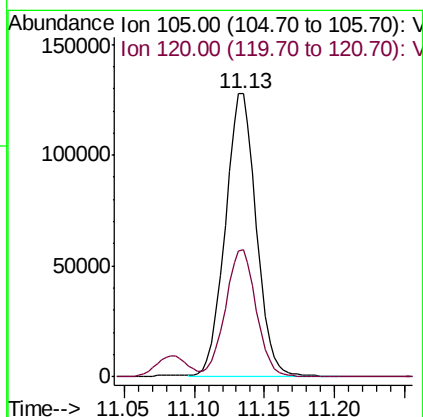
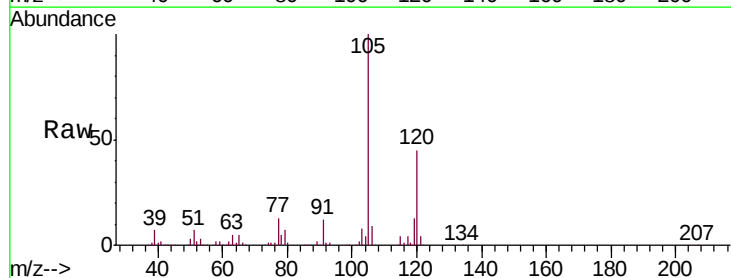
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

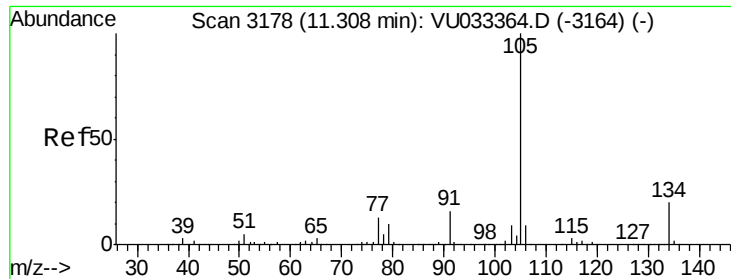
Tgt Ion:119 Resp: 173479
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.4 91.3
 134 23.1 18.5 27.7



#78
 1,2,4-Trimethylbenzene
 Concen: 6.278 ug/l
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion:105 Resp: 194750
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.5 67.5

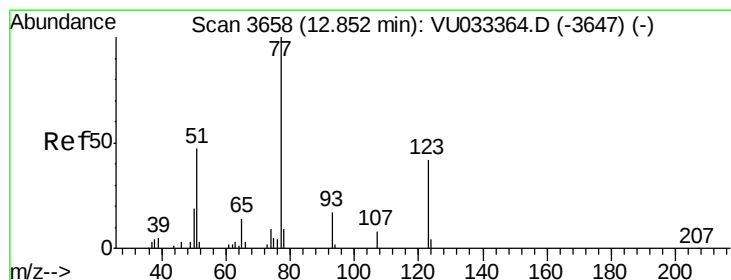
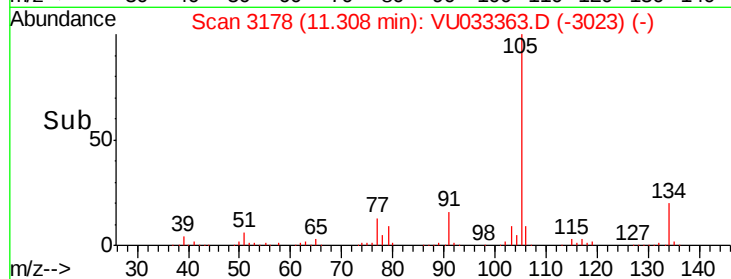
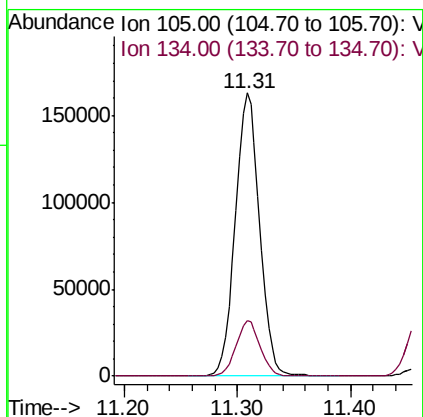
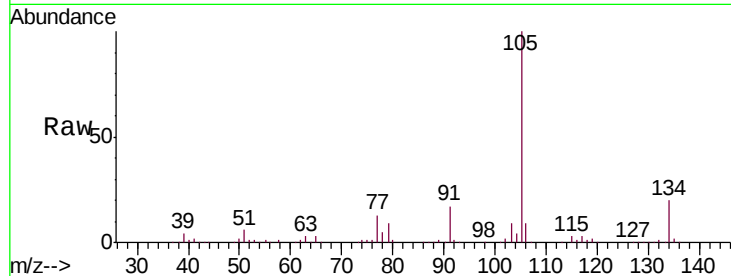




#79
 sec-Butylbenzene
 Concen: 6.212 ug/l
 RT: 11.31 min Scan# 3178
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

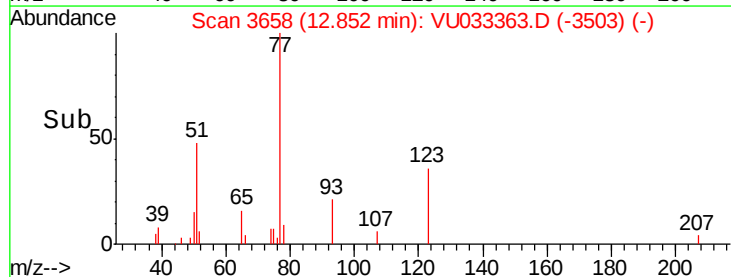
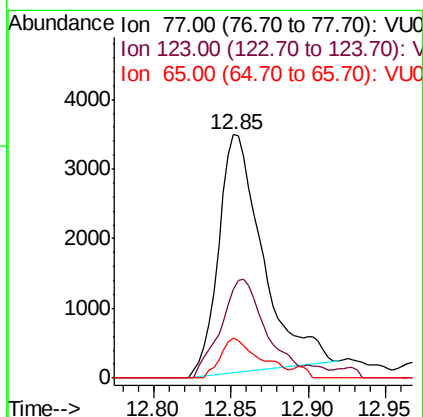
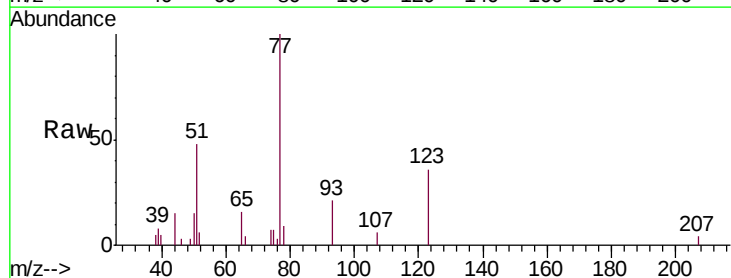
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

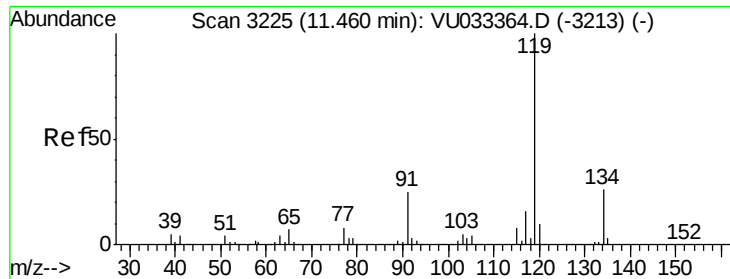
Tgt Ion: 105 Resp: 243852
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.5 23.3



#80
 Nitrobenzene
 Concen: 28.050 ug/l
 RT: 12.85 min Scan# 3658
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion: 77 Resp: 6795
 Ion Ratio Lower Upper
 77 100
 123 36.9 19.3 68.3
 65 12.2 10.1 12.9

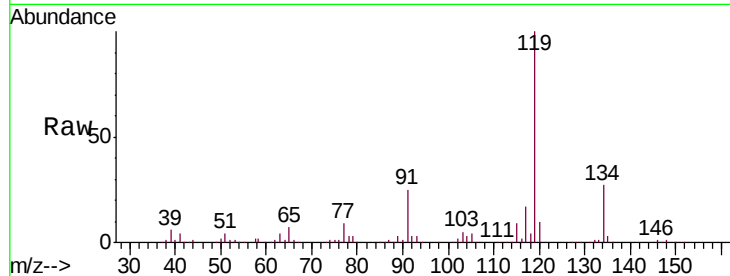




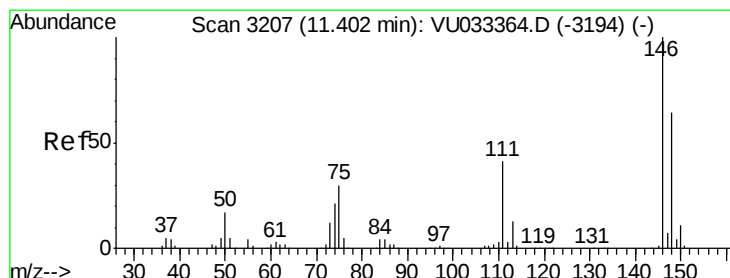
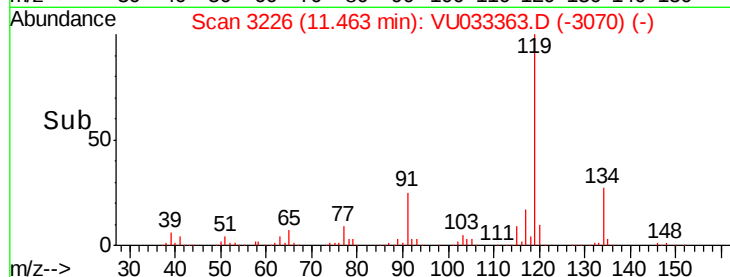
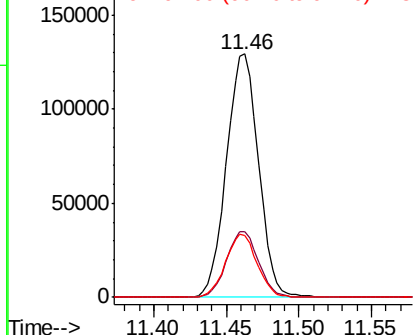
#81
 p-Isopropyltoluene
 Concen: 6.357 ug/l
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 197304
 Ion Ratio Lower Upper
 119 100
 134 27.1 21.0 31.4
 91 25.5 19.8 29.6

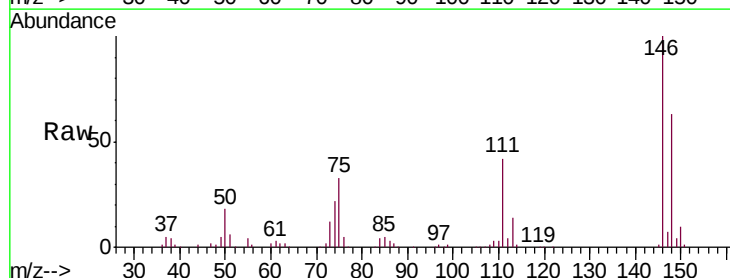


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

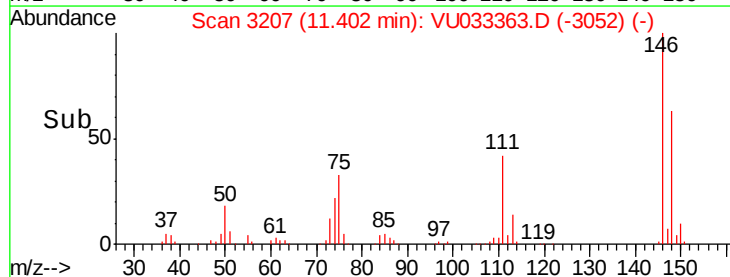
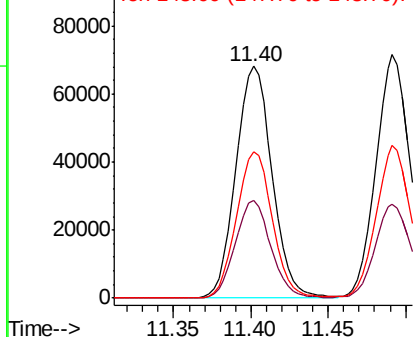


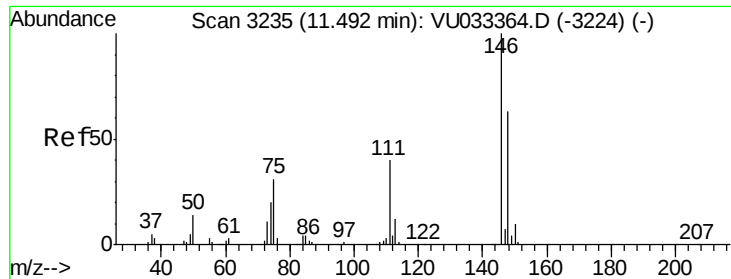
#82
 1,3-Dichlorobenzene
 Concen: 6.104 ug/l
 RT: 11.40 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion:146 Resp: 110961
 Ion Ratio Lower Upper
 146 100
 111 41.3 33.3 49.9
 148 62.6 50.8 76.2



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

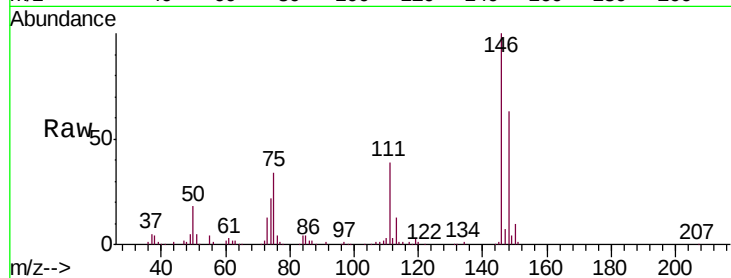




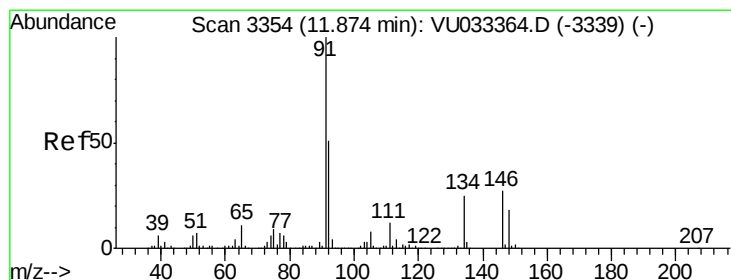
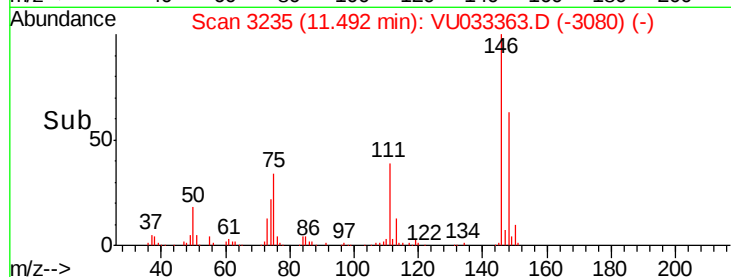
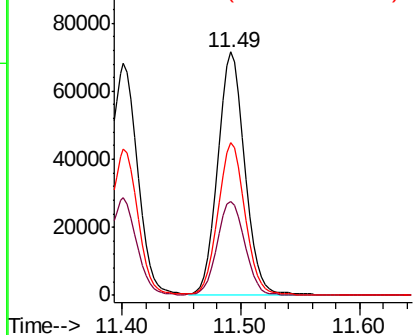
#83
 1,4-Dichlorobenzene
 Concen: 6.420 ug/l
 RT: 11.49 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 146 Resp: 112566
 Ion Ratio Lower Upper
 146 100
 111 39.8 32.2 48.4
 148 63.4 51.0 76.4

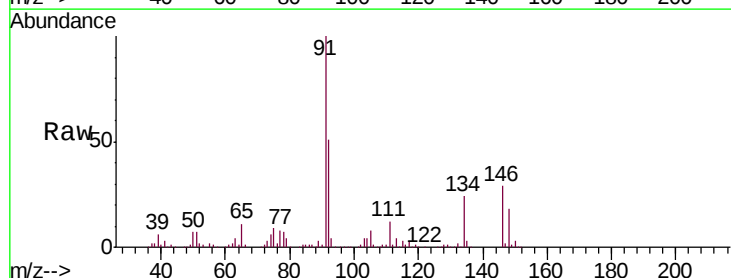


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

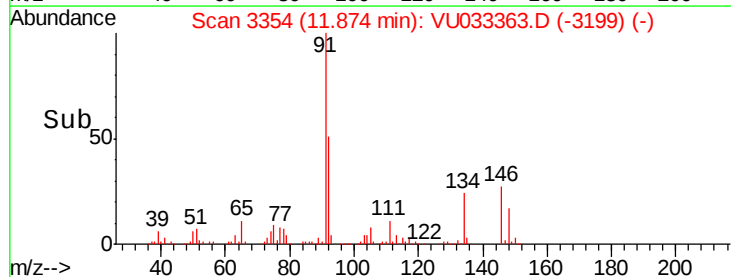
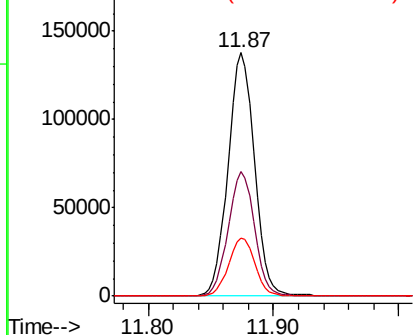


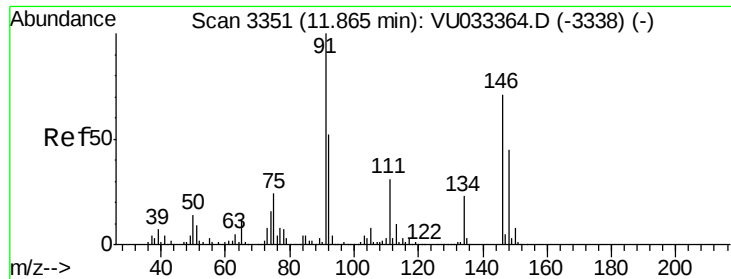
#84
 n-Butylbenzene
 Concen: 6.723 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion: 91 Resp: 201964
 Ion Ratio Lower Upper
 91 100
 92 50.9 41.0 61.6
 134 23.8 19.5 29.3



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





#85

1,2-Dichlorobenzene

Concen: 5.949 ug/l

RT: 11.86 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

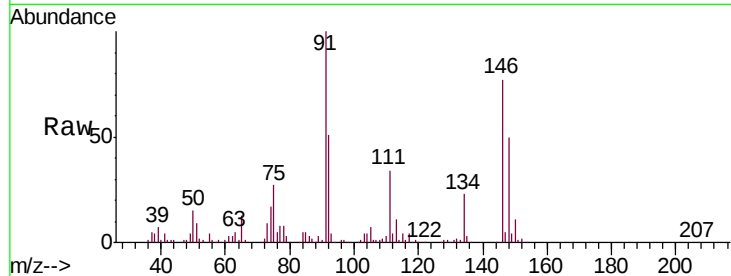
Tgt Ion:146 Resp: 103062

Ion Ratio Lower Upper

146 100

111 43.3 21.7 65.1

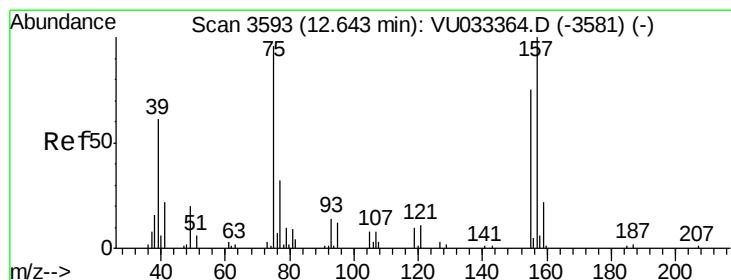
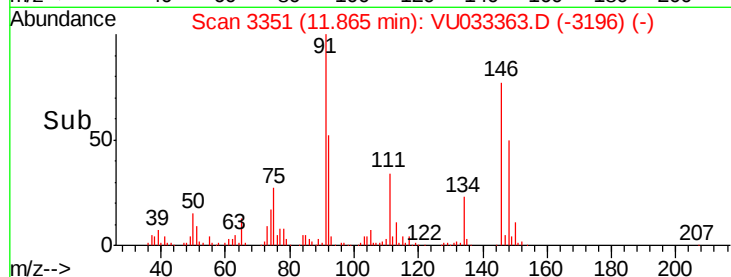
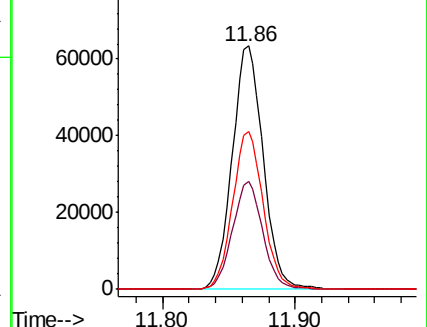
148 63.9 32.0 96.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 6.001 ug/l

RT: 12.64 min Scan# 3593

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

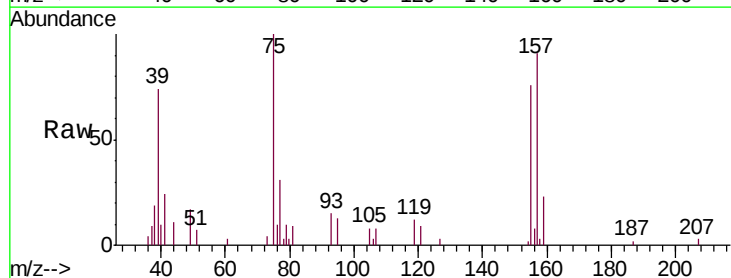
Tgt Ion: 75 Resp: 8508

Ion Ratio Lower Upper

75 100

155 75.0 63.3 94.9

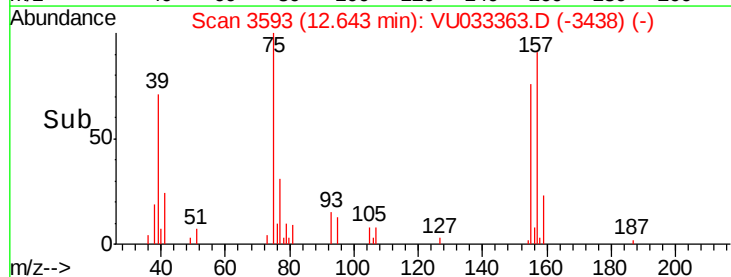
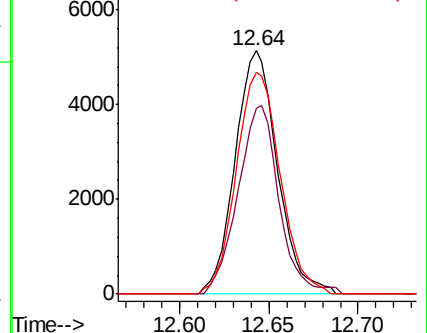
157 94.4 82.5 123.7

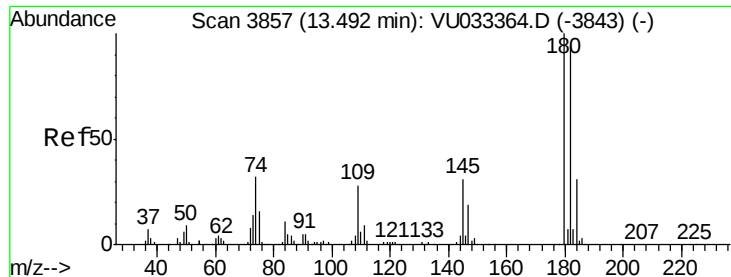


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

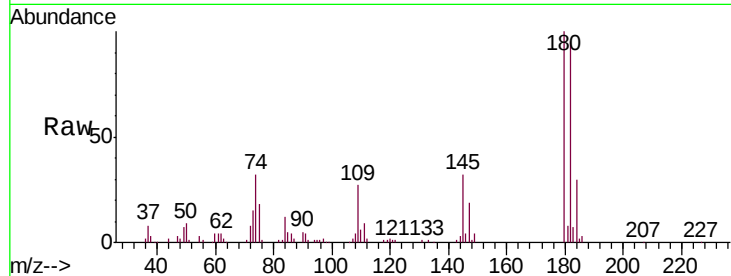




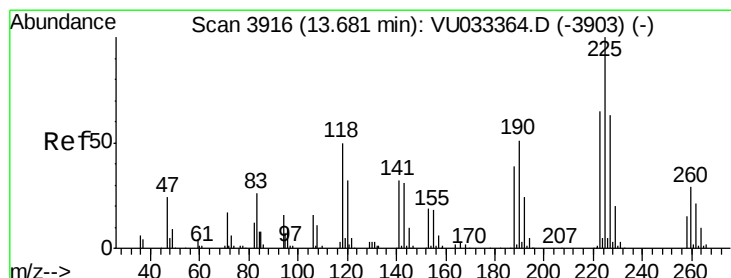
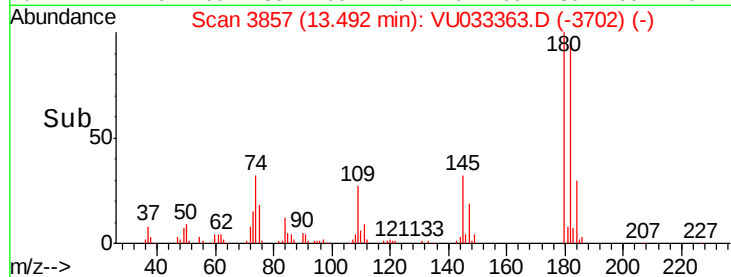
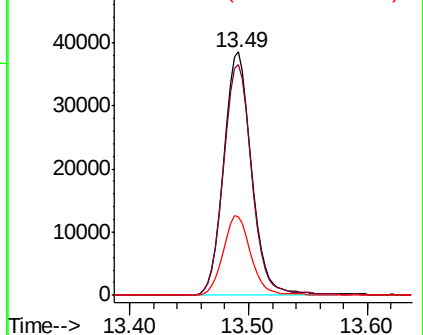
#87
 1,2,4-Trichlorobenzene
 Concen: 6.977 ug/l
 RT: 13.49 min Scan# 3857
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 62678
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.2 114.4
 145 32.2 25.0 37.4

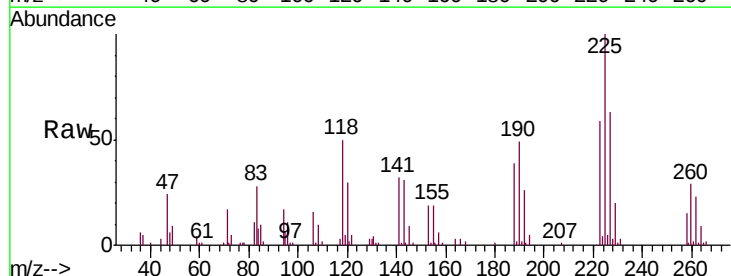


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

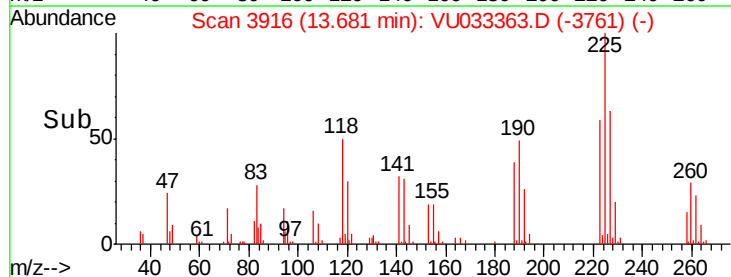
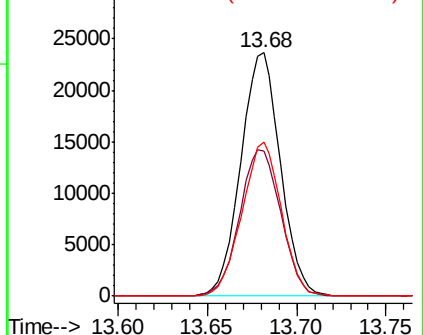


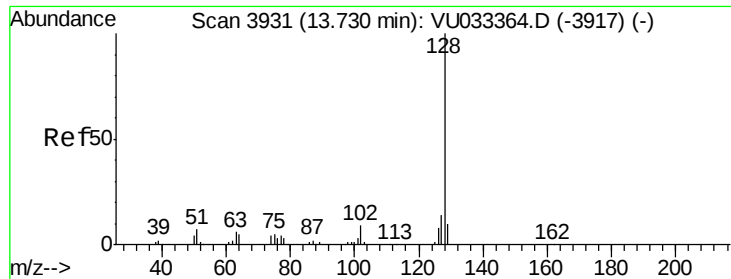
#88
 Hexachlorobutadiene
 Concen: 5.833 ug/l
 RT: 13.68 min Scan# 3916
 Delta R.T. -0.00 min
 Lab File: VU033363.D
 Acq: 22 Jul 2019 20:34

Tgt Ion:225 Resp: 36812
 Ion Ratio Lower Upper
 225 100
 223 62.5 52.2 78.4
 227 63.0 51.7 77.5



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 7.299 ug/l

RT: 13.73 min Scan# 3931

Delta R.T. -0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

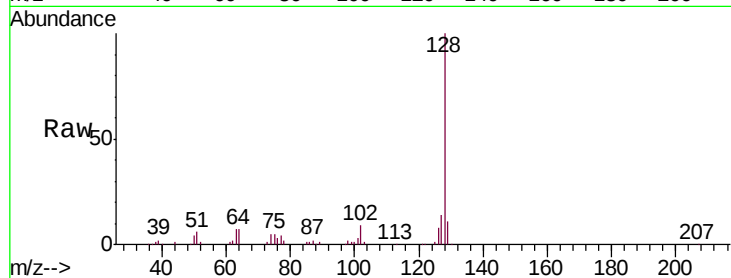
Tgt Ion:128 Resp: 115012

Ion Ratio Lower Upper

128 100

127 14.0 10.8 16.2

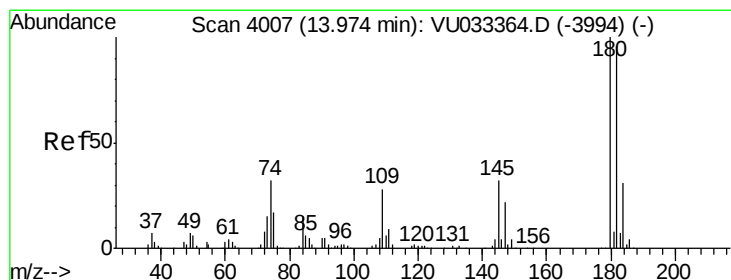
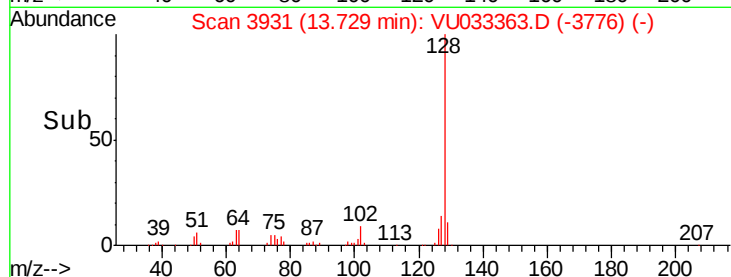
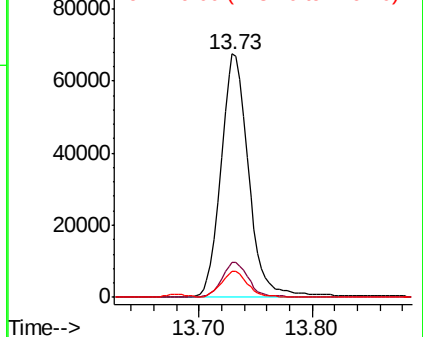
129 9.9 8.5 12.7



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



#90

1,2,3-Trichlorobenzene

Concen: 6.882 ug/l

RT: 13.98 min Scan# 4008

Delta R.T. 0.00 min

Lab File: VU033363.D

Acq: 22 Jul 2019 20:34

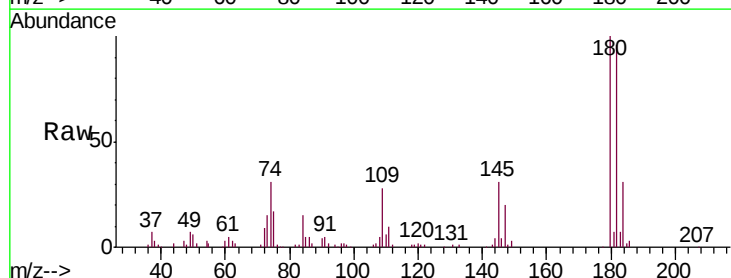
Tgt Ion:180 Resp: 62907

Ion Ratio Lower Upper

180 100

182 92.7 77.9 116.9

145 32.1 25.8 38.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

