

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
 Data File : VU034276.D
 Acq On : 05 Sep 2019 11:09
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 06 04:21:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 04:16:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	330863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	484636	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	494464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	324138	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	719062	165.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.28%	
35) Dibromofluoromethane	4.86	113	636276	179.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	358.06%	
50) Toluene-d8	7.55	98	2528134	188.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	377.72%	
62) 4-Bromofluorobenzene	10.29	95	987756	190.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	381.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	484275	150.166	ug/l	98
3) Chloromethane	1.32	50	575529	120.989	ug/l	98
4) Vinyl Chloride	1.40	62	605218	141.539	ug/l	99
5) Bromomethane	1.60	94	301907	132.385	ug/l	100
6) Chloroethane	1.67	64	373529	140.603	ug/l	98
7) Trichlorofluoromethane	1.87	101	820120	161.116	ug/l	99
8) Diethyl Ether	2.09	74	370295	168.571	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.27	101	536863	165.334	ug/l	99
10) Methyl Iodide	2.40	142	553225	130.286	ug/l	99
11) Tert butyl alcohol	2.83	59	859479	883.438	ug/l	100
12) 1,1-Dichloroethene	2.27	96	514087	157.131	ug/l	98
13) Acrolein	2.18	56	640761	1290.868	ug/l	99
14) Allyl chloride	2.58	41	1003890	162.544	ug/l	100
15) Acrylonitrile	2.92	53	2023107	891.611	ug/l	98
16) Acetone	2.31	43	1734259	798.337	ug/l	99
17) Carbon Disulfide	2.46	76	1128910	114.510	ug/l	100
18) Methyl Acetate	2.60	43	875147	155.920	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	1990762	181.602	ug/l	100
20) Methylene Chloride	2.68	84	639237	156.371	ug/l	100
21) trans-1,2-Dichloroethene	2.96	96	543994	154.080	ug/l	99
22) Diisopropyl ether	3.55	45	2027004	176.184	ug/l	96
23) Vinyl Acetate	3.50	43	8694143	887.780	ug/l	99
24) 1,1-Dichloroethane	3.42	63	1142892	169.092	ug/l	99
25) 2-Butanone	4.24	43	2735371	905.907	ug/l	100
26) 2,2-Dichloropropane	4.20	77	936846	170.574	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	697100	172.866	ug/l	99
28) Bromochloromethane	4.52	49	504189	150.502	ug/l	99
29) Tetrahydrofuran	4.61	42	1648713	885.163	ug/l	99
30) Chloroform	4.65	83	1127381	165.889	ug/l	99
31) Cyclohexane	4.97	56	856859	140.743	ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	942158	170.455	ug/l	99
36) 1,1-Dichloropropene	5.11	75	775672	168.986	ug/l	100
37) Ethyl Acetate	4.36	43	969294	185.951	ug/l	99
38) Carbon Tetrachloride	5.11	117	810109	179.617	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.39	83	893385	168.049	ug/l	98
40) Benzene	5.37	78	2463384	175.005	ug/l	99
41) Methacrylonitrile	4.52	41	540575	200.149	ug/l	99
42) 1,2-Dichloroethane	5.38	62	839525	172.886	ug/l	100
43) Isopropyl Acetate	5.53	43	1580952	198.314	ug/l	100
44) Trichloroethene	6.16	130	679980	182.056	ug/l	98
45) 1,2-Dichloropropane	6.41	63	732710	187.296	ug/l	99
46) Dibromomethane	6.54	93	461500	183.362	ug/l	100
47) Bromodichloromethane	6.74	83	953558	192.138	ug/l	99
48) Methyl methacrylate	6.60	41	763711	199.994	ug/l	100
49) 1,4-Dioxane	6.59	88	337333	3598.247	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	5353331	969.217	ug/l	99
52) Toluene	7.62	92	1609064	184.596	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	1104300	202.924	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	1167598	195.689	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	734167	196.400	ug/l	98
56) Ethyl methacrylate	8.00	69	1177971	213.559	ug/l	100
57) 1,3-Dichloropropane	8.22	76	1198537	190.257	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	2041889	1025.211	ug/l	100
59) 2-Hexanone	8.35	43	4072322	977.749	ug/l	99
60) Dibromochloromethane	8.46	129	838173	208.087	ug/l	99
61) 1,2-Dibromoethane	8.57	107	737077	189.178	ug/l	100
64) Tetrachloroethene	8.21	164	600756	177.207	ug/l	98
65) Chlorobenzene	9.10	112	1911076	184.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	734859	194.126	ug/l	100
67) Ethyl Benzene	9.23	91	3264264	187.231	ug/l	99
68) m/p-Xylenes	9.36	106	2482536	373.108	ug/l	100
69) o-Xylene	9.76	106	1235038	193.248	ug/l	99
70) Styrene	9.77	104	2240201	203.344	ug/l	99
71) Bromoform	9.94	173	675015	204.573	ug/l #	100
73) Isopropylbenzene	10.15	105	3380884	159.280	ug/l	100
74) N-amyl acetate	10.00	43	1502009	169.527	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	1221499	148.645	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	1356795	191.862	ug/l	84
77) Bromobenzene	10.43	156	909186	157.866	ug/l	99
78) n-propylbenzene	10.57	91	3931430	158.930	ug/l	100
79) 2-Chlorotoluene	10.64	91	2304426	155.089	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	2891964	160.680	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.48	75	1360036	637.217	ug/l #	100
82) 4-Chlorotoluene	10.75	91	2705121	157.892	ug/l	100
83) tert-Butylbenzene	11.08	119	2892921	163.212	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	2931900	164.027	ug/l	99
85) sec-Butylbenzene	11.31	105	3451631	162.429	ug/l	100
86) p-Isopropyltoluene	11.46	119	3188919	165.783	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	1646288	160.880	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	1646733	158.601	ug/l	99
89) n-Butylbenzene	11.87	91	2925805	172.770	ug/l	100
90) Hexachloroethane	12.13	117	510439	155.186	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	1610241	163.714	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	267131	164.148	ug/l	96

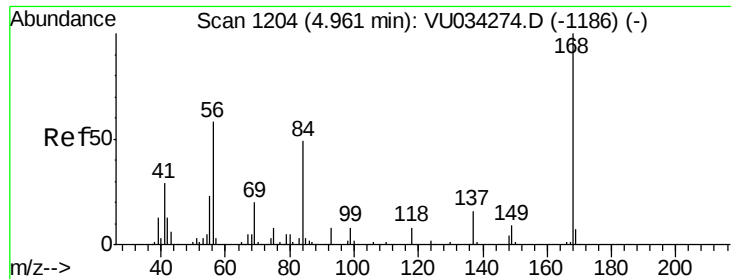
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
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QLast Update : Fri Sep 06 04:16:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	1239008	206.107	ug/l	99
94) Hexachlorobutadiene	13.67	225	573788	151.882	ug/l	100
95) Naphthalene	13.72	128	3517685	212.106	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	1179555	186.912	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

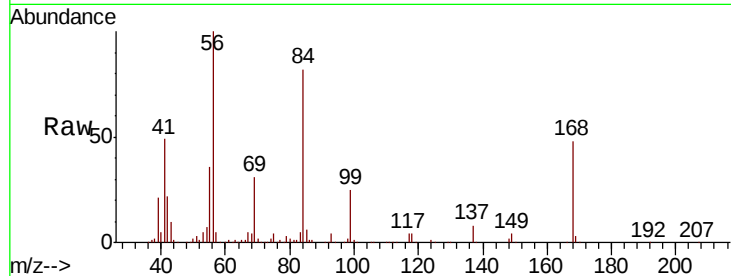
VSTDIC150

Tgt Ion:168 Resp: 330863

Ion Ratio Lower Upper

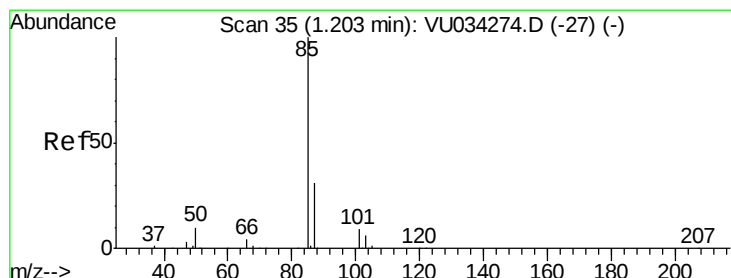
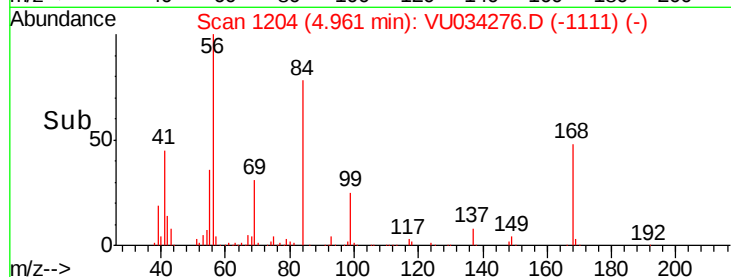
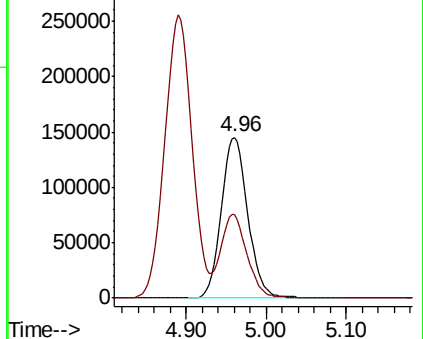
168 100

99 51.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034276.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034276.D (-1186) (-)



#2

Dichlorodifluoromethane

Concen: 150.166 ug/l

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU034276.D

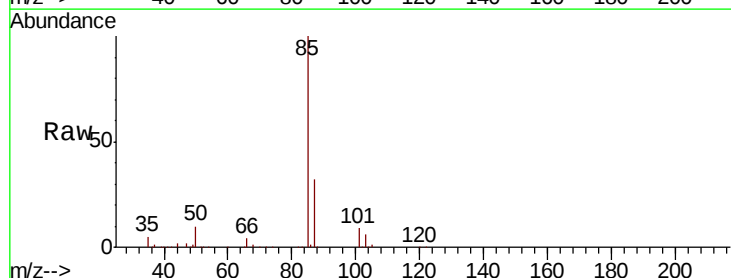
Acq: 05 Sep 2019 11:09

Tgt Ion: 85 Resp: 484275

Ion Ratio Lower Upper

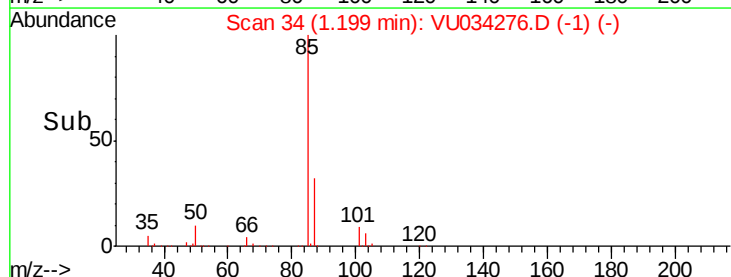
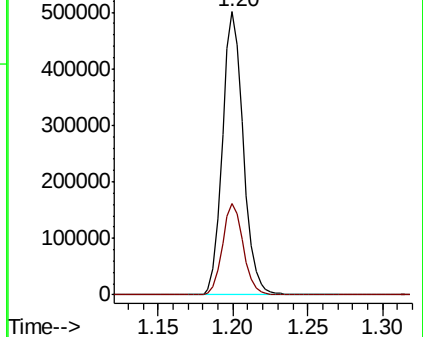
85 100

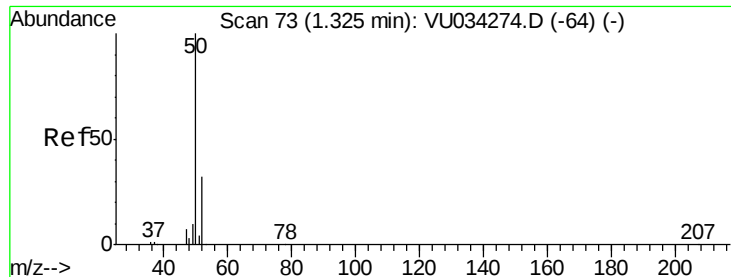
87 32.4 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034276.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU034276.D (-1) (-)





#3

Chloromethane

Concen: 120.989 ug/l

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

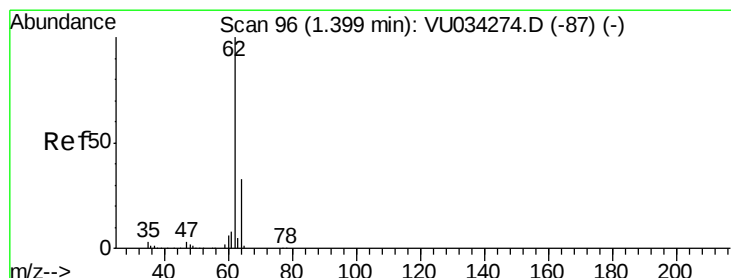
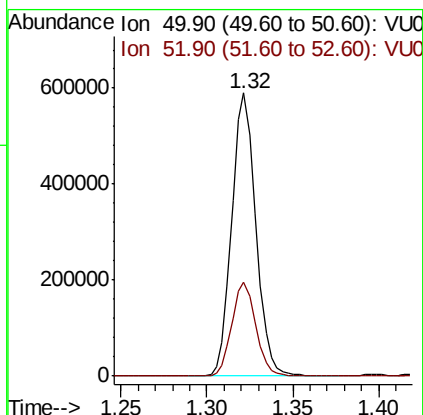
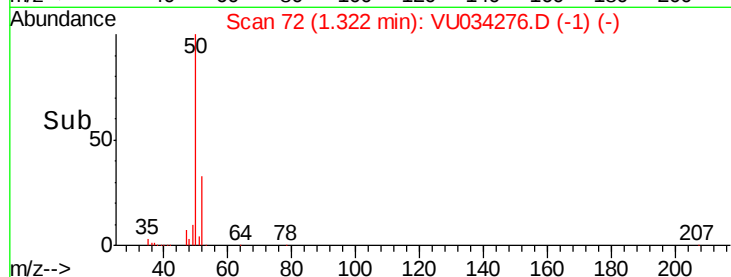
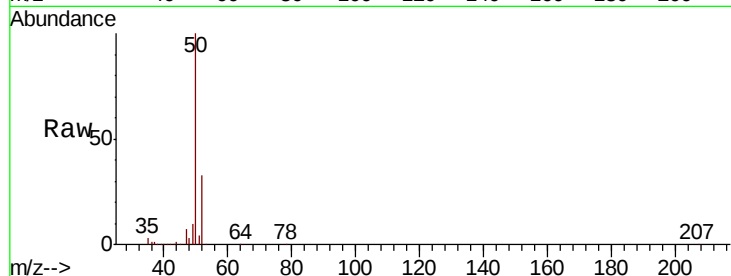
VSTDIC150

Tgt Ion: 50 Resp: 575529

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.6



#4

Vinyl Chloride

Concen: 141.539 ug/l

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU034276.D

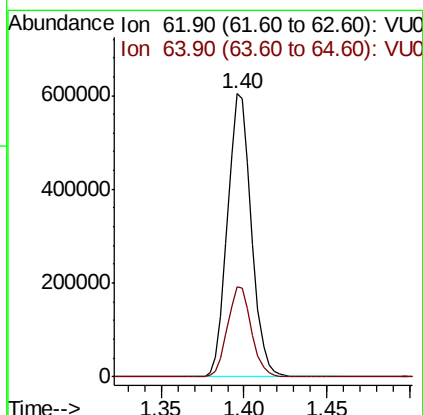
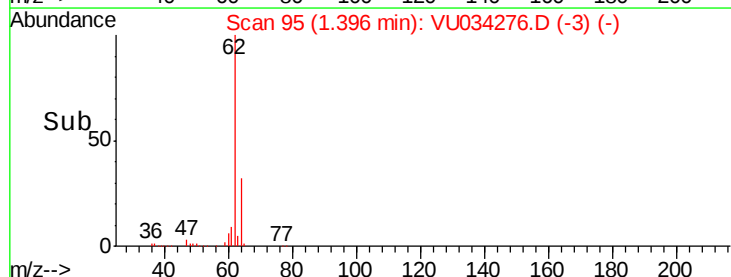
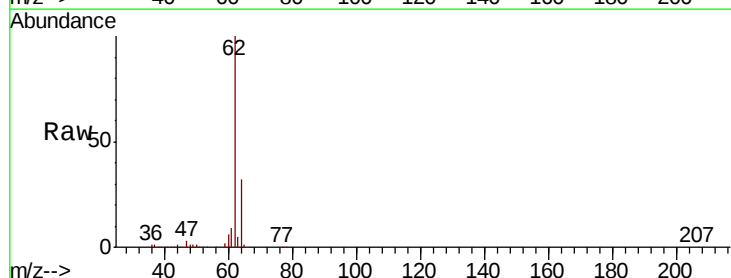
Acq: 05 Sep 2019 11:09

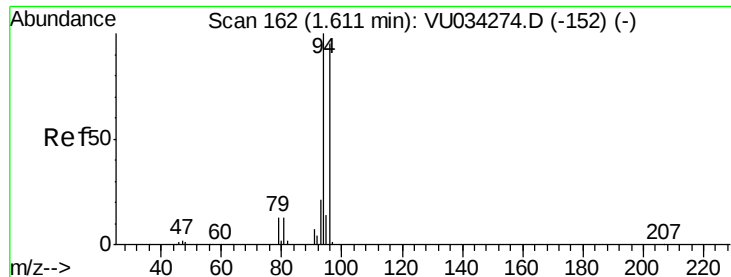
Tgt Ion: 62 Resp: 605218

Ion Ratio Lower Upper

62 100

64 32.0 26.2 39.4





#5

Bromomethane

Concen: 132.385 ug/l

RT: 1.60 min Scan# 158

Delta R.T. -0.01 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

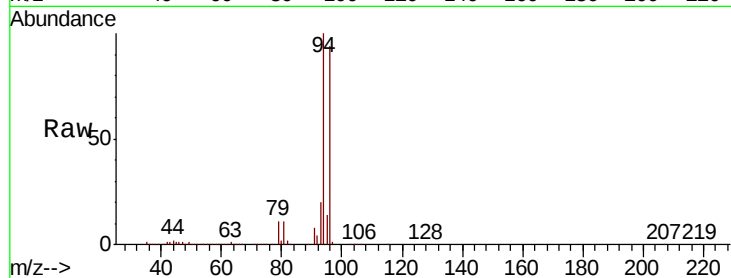
VSTDIC150

Tgt Ion: 94 Resp: 301907

Ion Ratio Lower Upper

94 100

96 94.5 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034276.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034276.D (-152) (-)

1.60

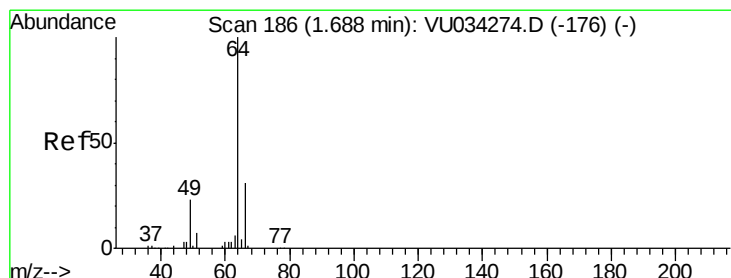
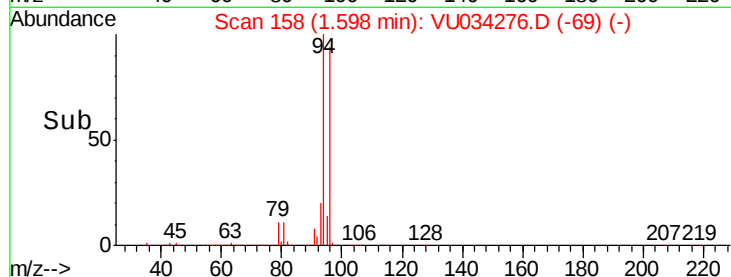
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 140.603 ug/l

RT: 1.67 min Scan# 181

Delta R.T. -0.02 min

Lab File: VU034276.D

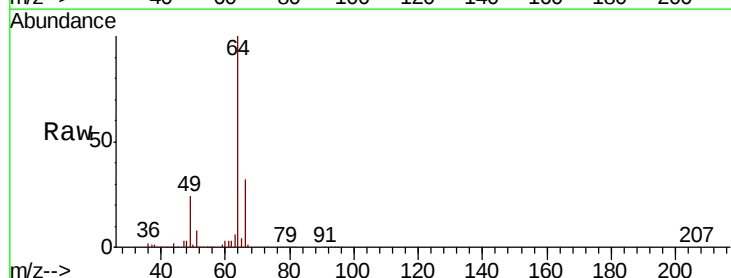
Acq: 05 Sep 2019 11:09

Tgt Ion: 64 Resp: 373529

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU034276.D (-176) (-)

Ion 65.90 (65.60 to 66.60): VU034276.D (-176) (-)

1.67

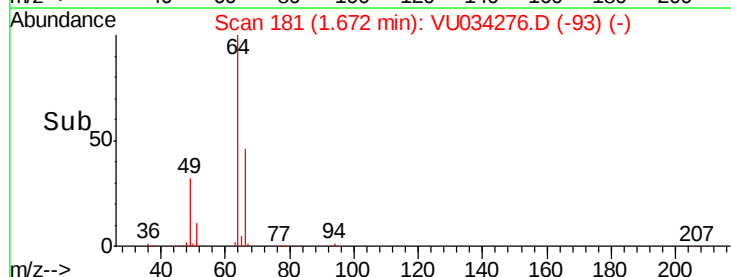
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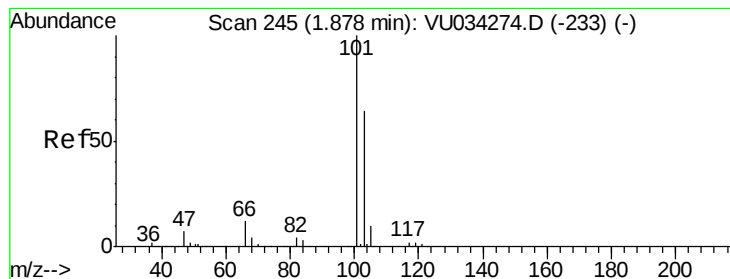
200000

100000

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Time-->



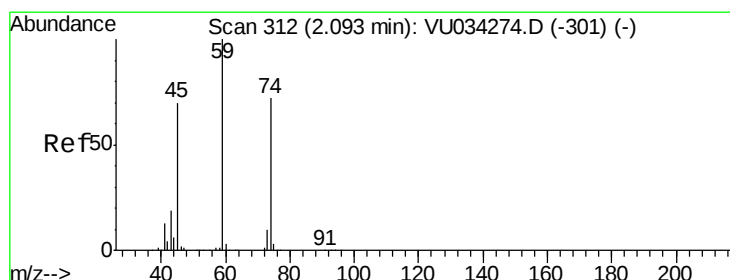
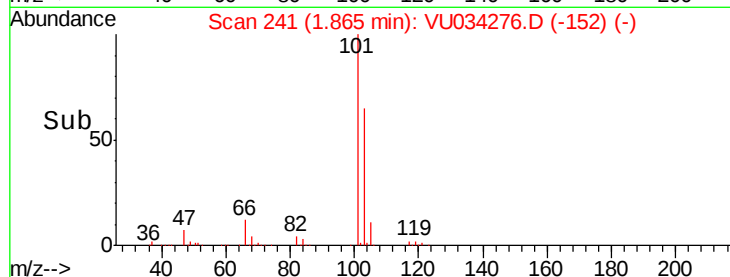
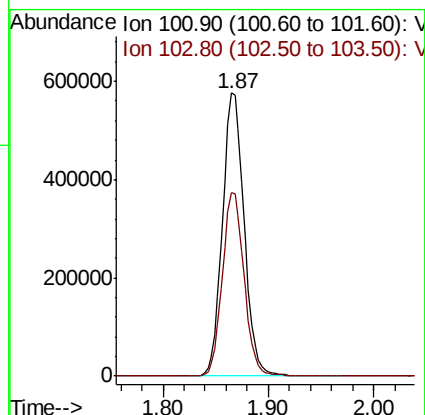
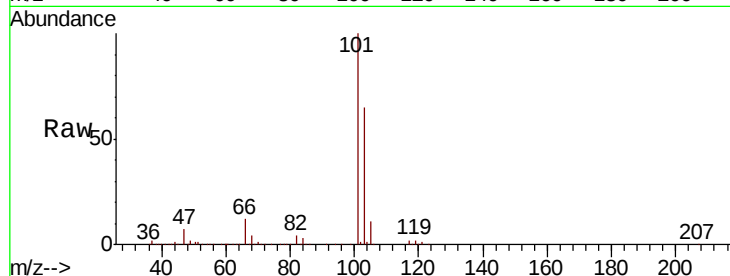


#7

Trichlorofluoromethane
 Concen: 161.116 ug/l
 RT: 1.87 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

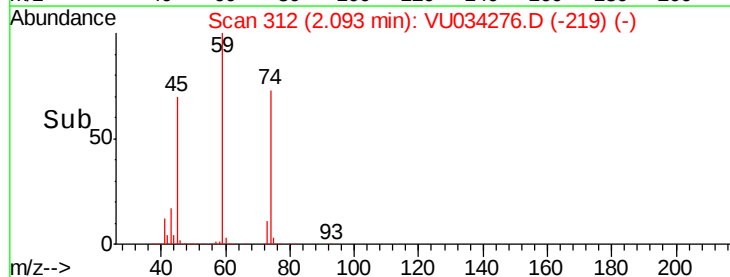
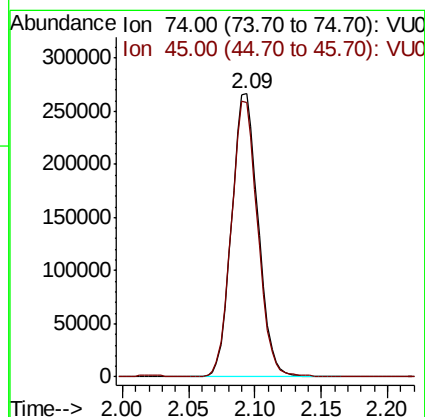
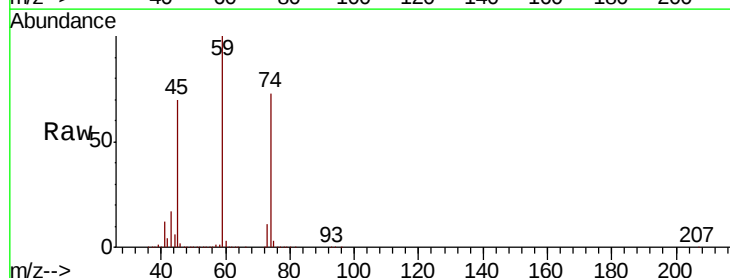
Tgt Ion: 101 Resp: 820120
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.0 76.6



#8

Diethyl Ether
 Concen: 168.571 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Tgt Ion: 74 Resp: 370295
 Ion Ratio Lower Upper
 74 100
 45 96.4 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 165.334 ug/l

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

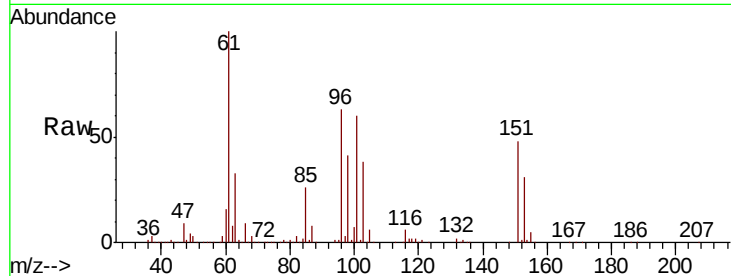
Tgt Ion:101 Resp: 536863

Ion Ratio Lower Upper

101 100

85 42.2 34.4 51.6

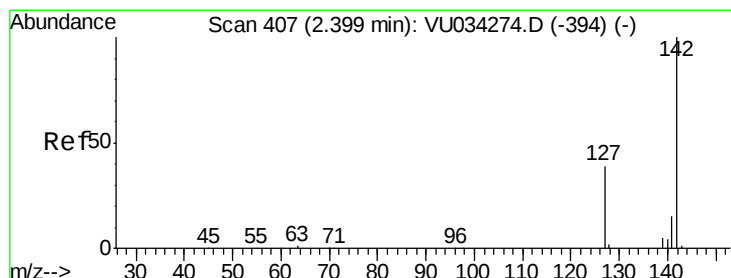
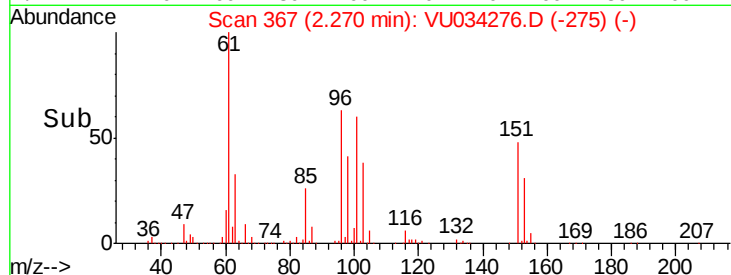
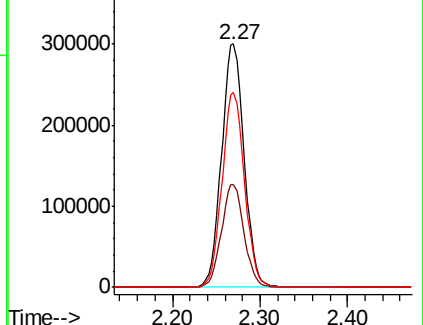
151 79.8 64.4 96.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 130.286 ug/l

RT: 2.40 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

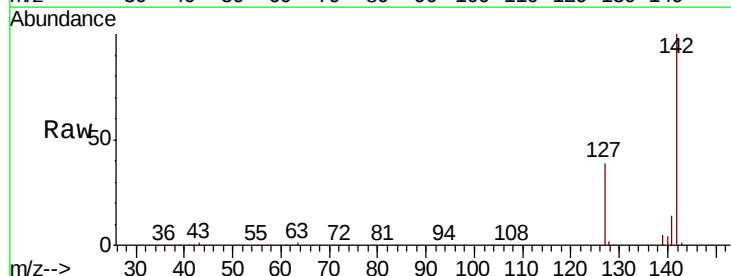
Tgt Ion:142 Resp: 553225

Ion Ratio Lower Upper

142 100

127 39.5 32.1 48.1

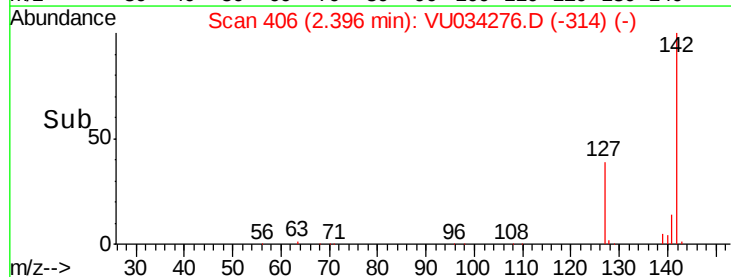
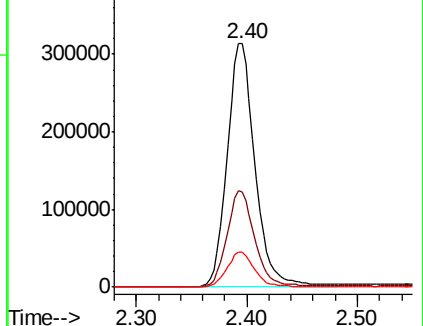
141 14.2 11.5 17.3

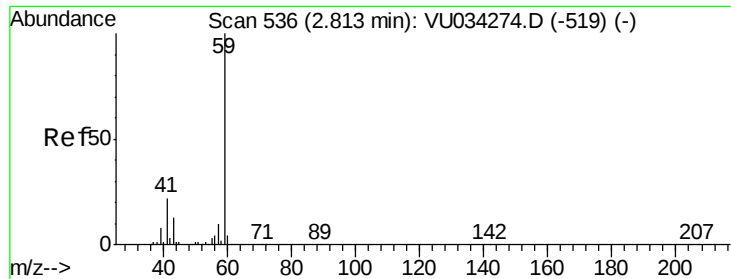


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

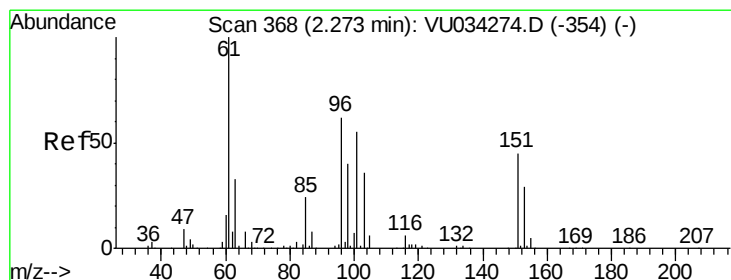
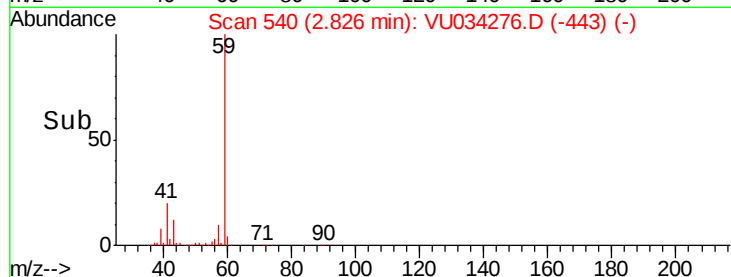
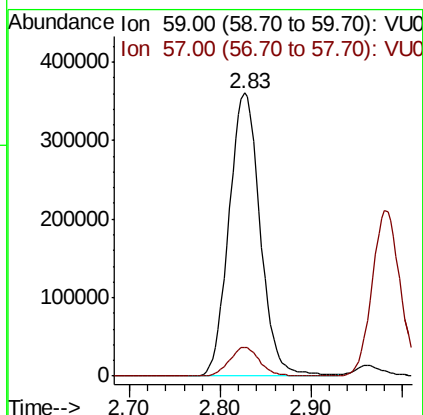
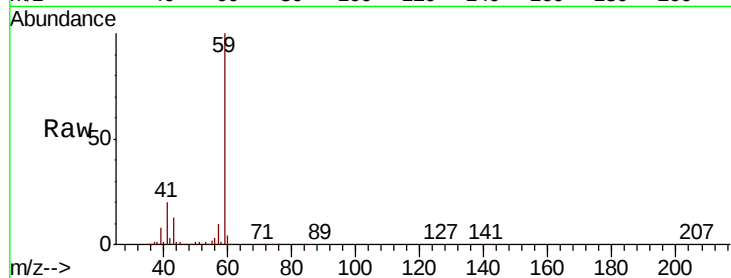




#11
Tert butyl alcohol
Concen: 883.438 ug/l
RT: 2.83 min Scan# 540
Delta R.T. 0.01 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

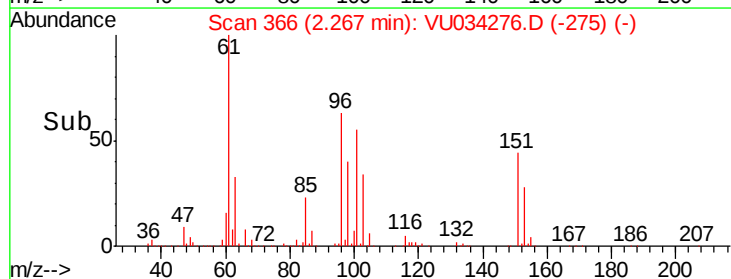
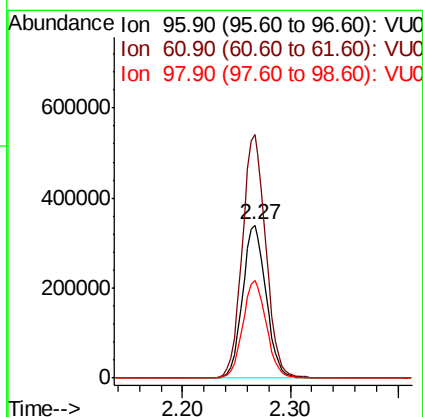
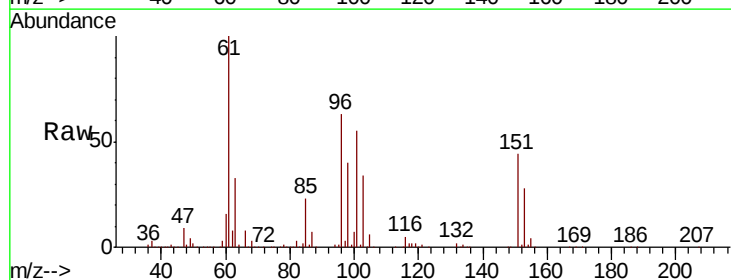
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

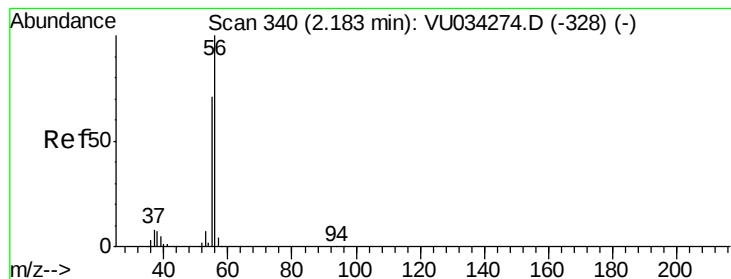
Tgt Ion: 59 Resp: 859479
Ion Ratio Lower Upper
59 100
57 9.9 7.9 11.9



#12
1,1-Dichloroethene
Concen: 157.131 ug/l
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Tgt Ion: 96 Resp: 514087
Ion Ratio Lower Upper
96 100
61 159.5 130.0 195.0
98 63.9 52.2 78.4





#13

Acrolein

Concen: 1290.868 ug/l

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

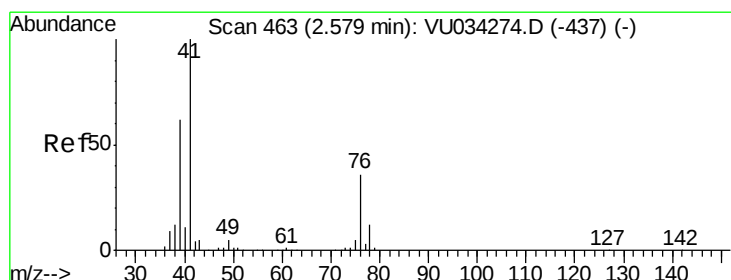
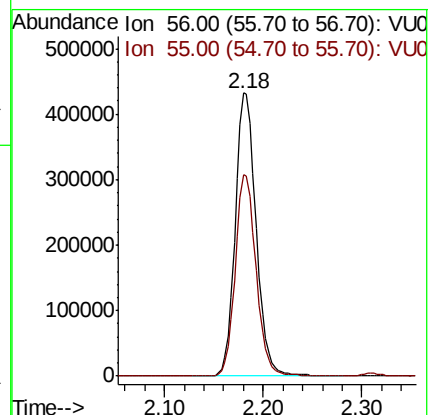
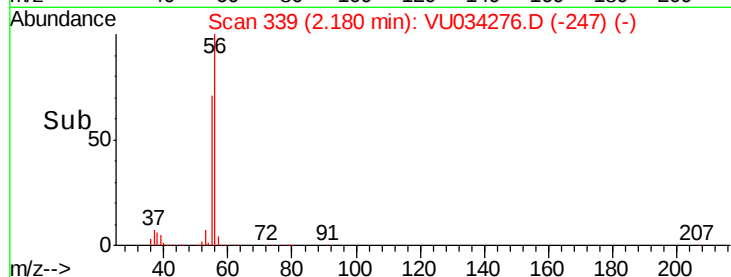
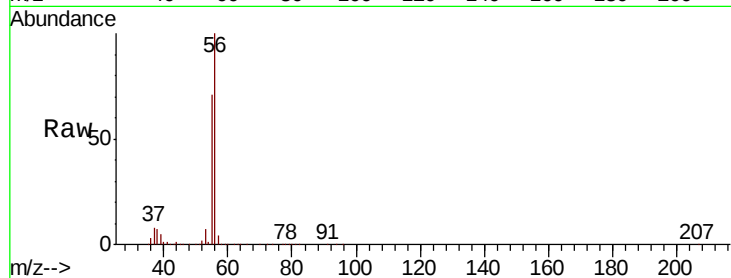
VSTDIC150

Tgt Ion: 56 Resp: 640761

Ion Ratio Lower Upper

56 100

55 71.0 57.4 86.2



#14

Allyl chloride

Concen: 162.544 ug/l

RT: 2.58 min Scan# 462

Delta R.T. -0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

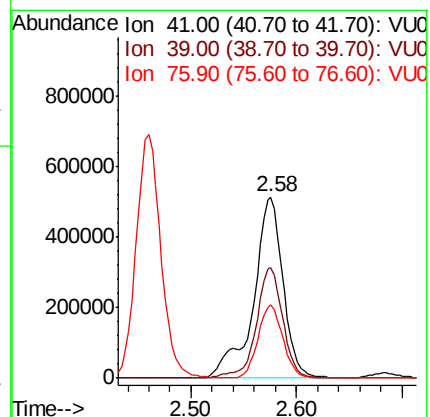
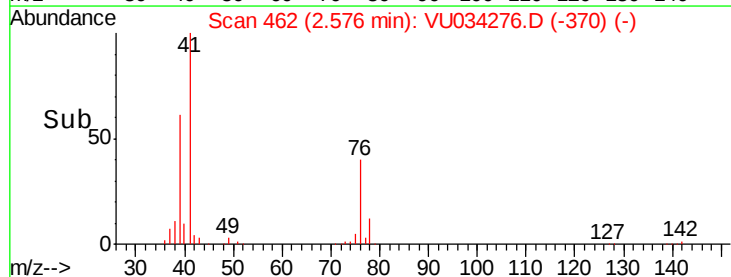
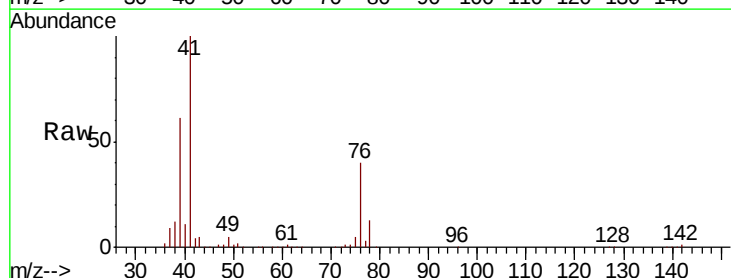
Tgt Ion: 41 Resp: 1003890

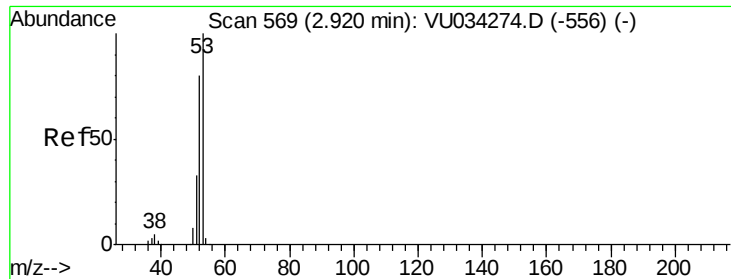
Ion Ratio Lower Upper

41 100

39 54.4 43.5 65.3

76 34.1 27.0 40.6





#15

Acrylonitrile

Concen: 891.611 ug/l

RT: 2.92 min Scan# 569

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

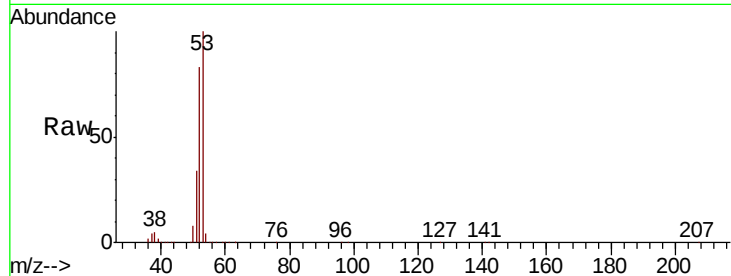
MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 53 Resp: 2023107

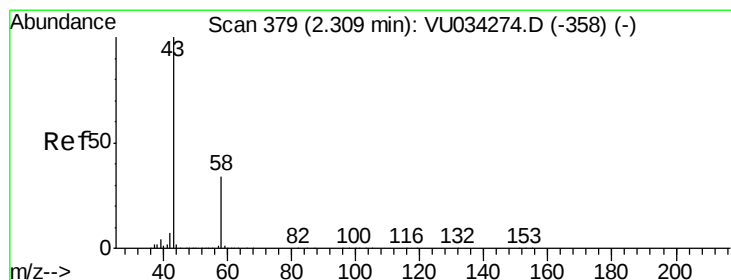
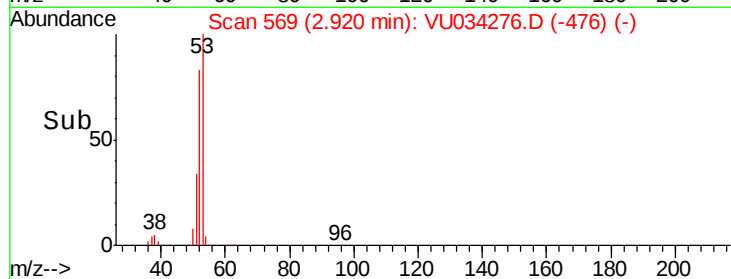
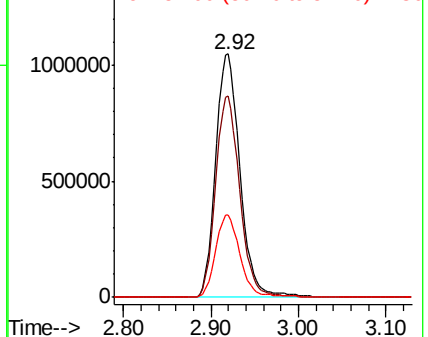
Ion	Ratio	Lower	Upper
53	100		
52	82.5	64.1	96.1
51	34.4	27.4	41.0



Abundance Ion 53.00 (52.70 to 53.70): VU034276.D (-556) (-)

Ion 52.00 (51.70 to 52.70): VU034276.D (-556) (-)

Ion 51.00 (50.70 to 51.70): VU034276.D (-556) (-)



#16

Acetone

Concen: 798.337 ug/l

RT: 2.31 min Scan# 379

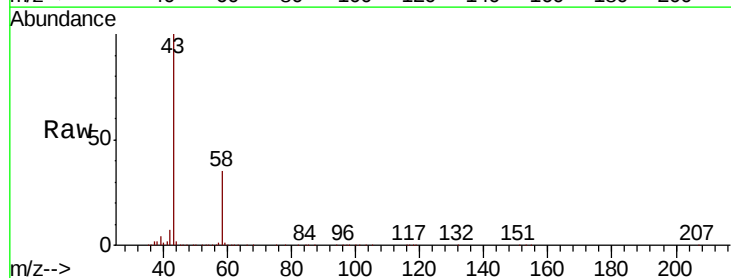
Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

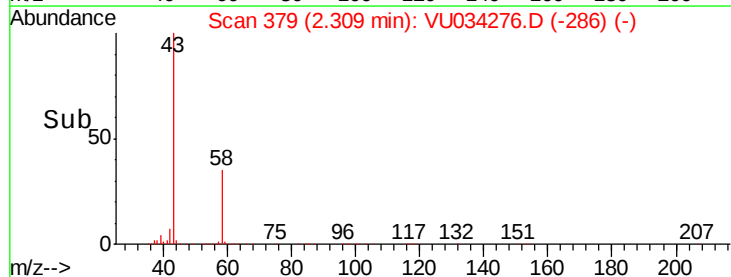
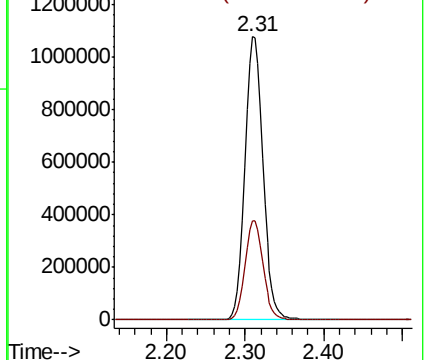
Tgt Ion: 43 Resp: 1734259

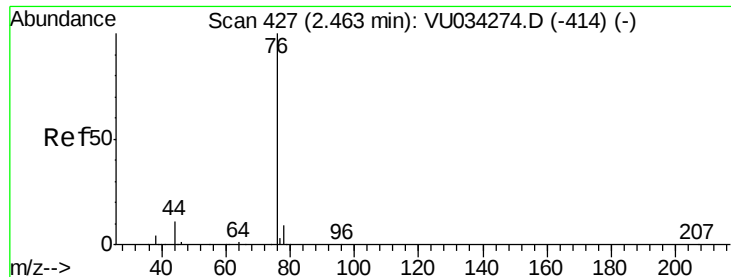
Ion	Ratio	Lower	Upper
43	100		
58	35.0	27.6	41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034276.D (-286) (-)

Ion 58.00 (57.70 to 58.70): VU034276.D (-286) (-)

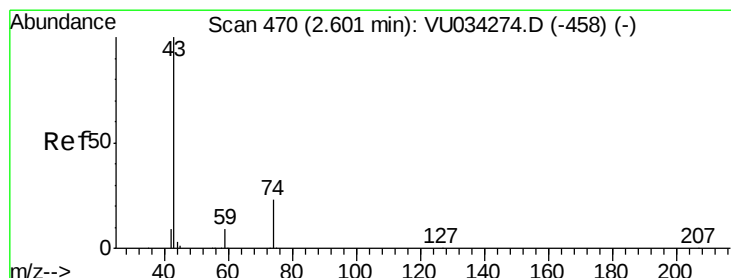
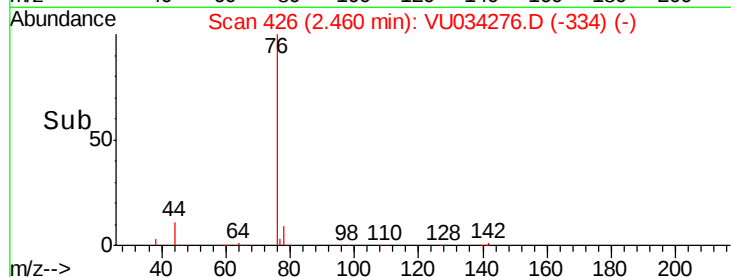
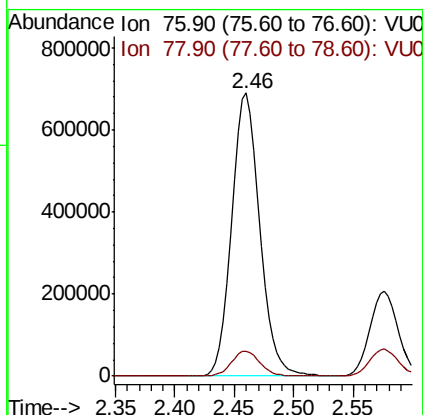
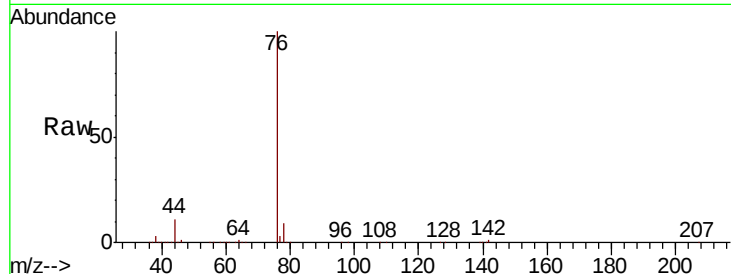




#17
Carbon Disulfide
Concen: 114.510 ug/l
RT: 2.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

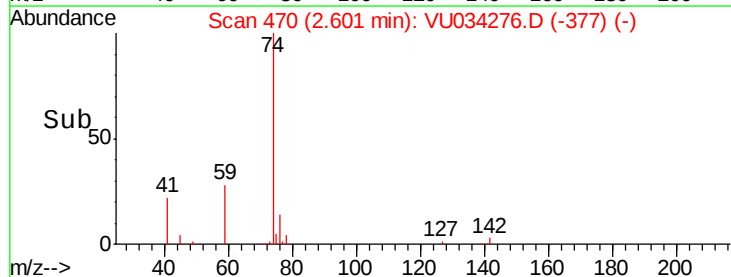
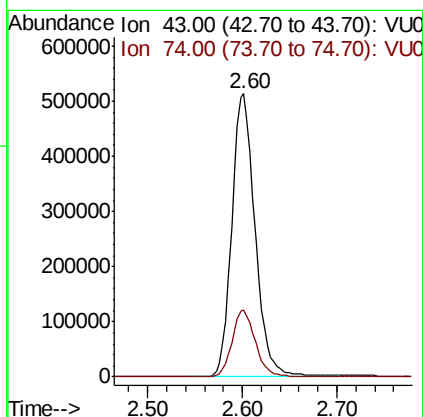
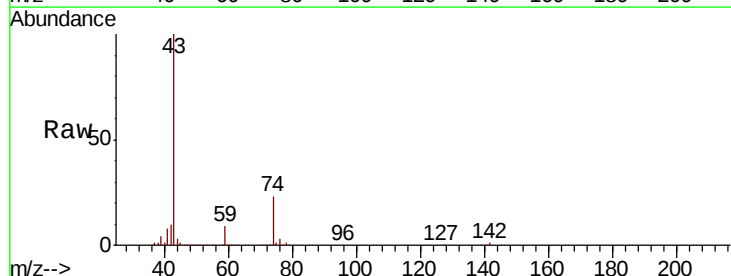
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

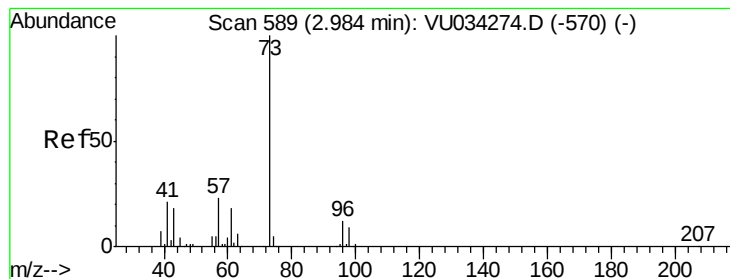
Tgt Ion: 76 Resp: 1128910
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 155.920 ug/l
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Tgt Ion: 43 Resp: 875147
Ion Ratio Lower Upper
43 100
74 24.0 18.9 28.3



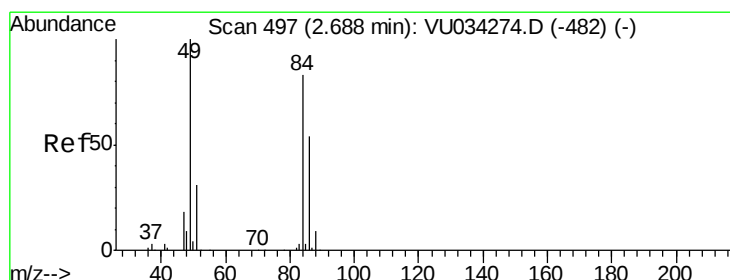
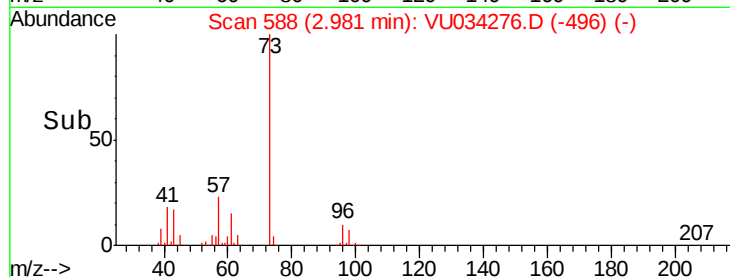
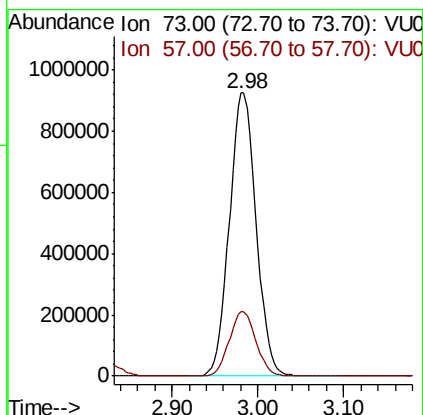
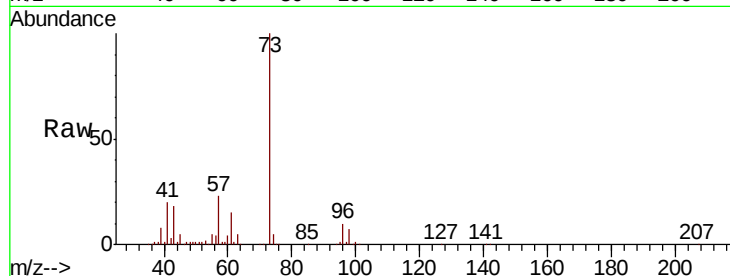


#19

Methyl tert-butyl Ether
 Concen: 181.602 ug/l
 RT: 2.98 min Scan# 588
 Delta R.T. -0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

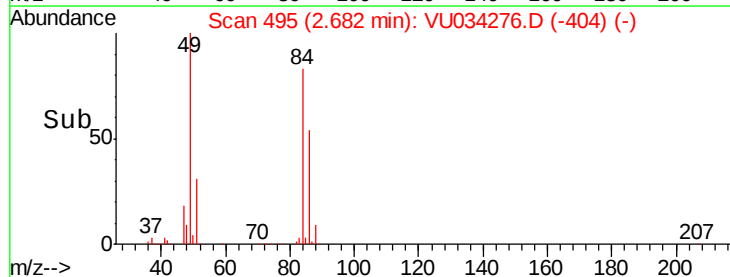
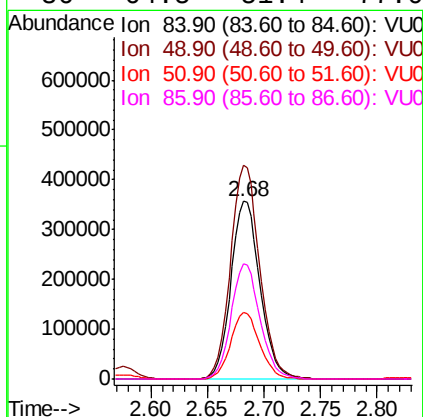
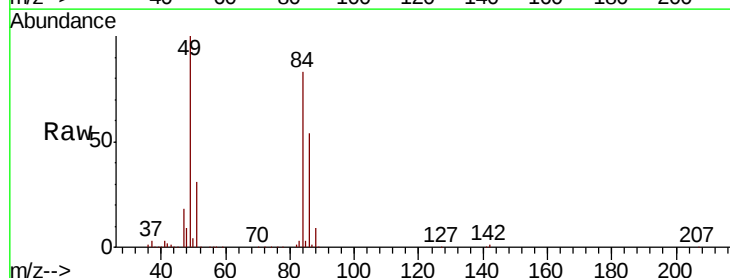
Tgt Ion: 73 Resp: 1990762
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.2 27.4

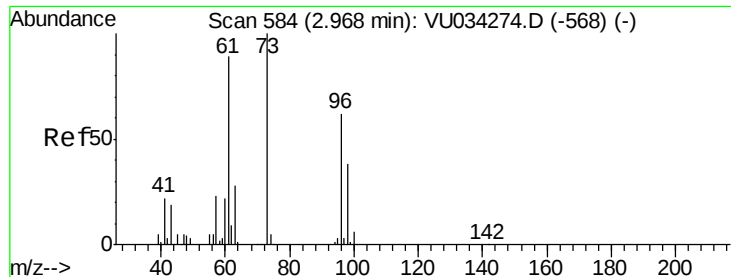


#20

Methylene Chloride
 Concen: 156.371 ug/l
 RT: 2.68 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Tgt Ion: 84 Resp: 639237
 Ion Ratio Lower Upper
 84 100
 49 120.1 96.0 144.0
 51 37.7 30.0 45.0
 86 64.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 154.080 ug/l

RT: 2.96 min Scan# 582

Delta R.T. -0.01 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

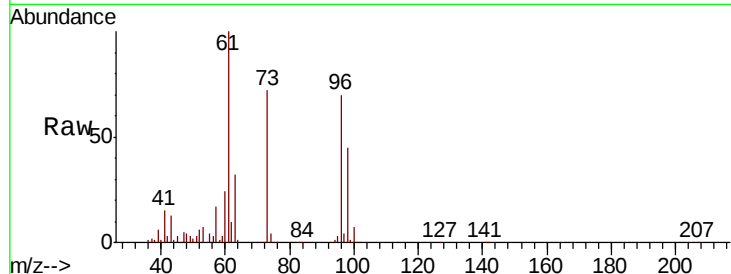
Tgt Ion: 96 Resp: 543994

Ion Ratio Lower Upper

96 100

61 143.3 114.8 172.2

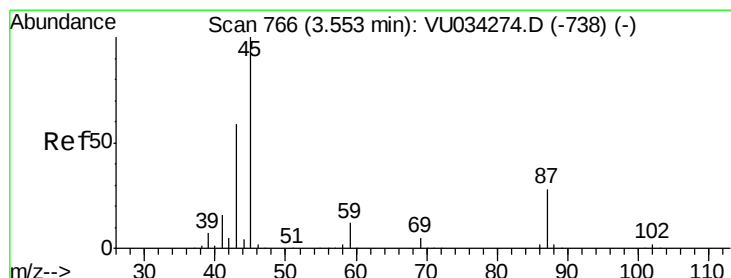
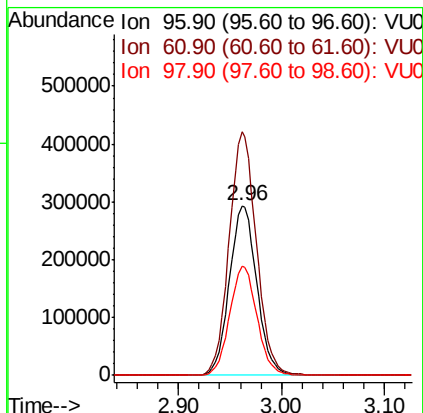
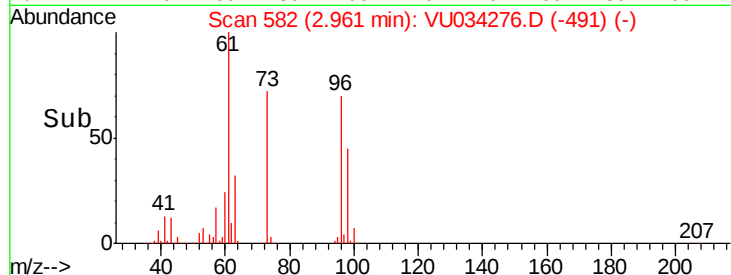
98 64.1 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034276.D (-491) (-)

Ion 60.90 (60.60 to 61.60): VU034276.D (-491) (-)

Ion 97.90 (97.60 to 98.60): VU034276.D (-491) (-)



#22

Diisopropyl ether

Concen: 176.184 ug/l

RT: 3.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Tgt Ion: 45 Resp: 2027004

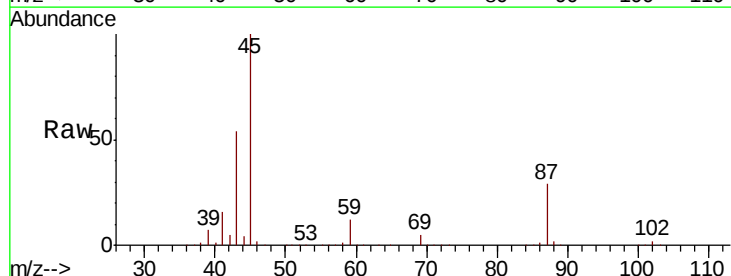
Ion Ratio Lower Upper

45 100

43 54.4 47.5 71.3

87 28.6 22.2 33.4

59 12.1 9.4 14.2

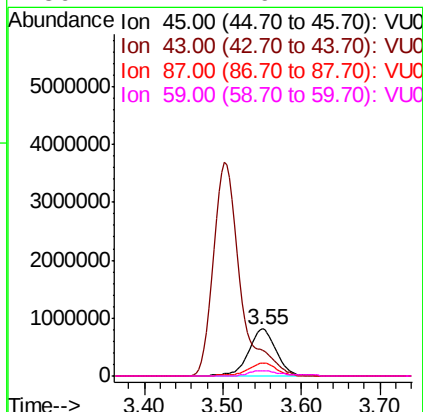
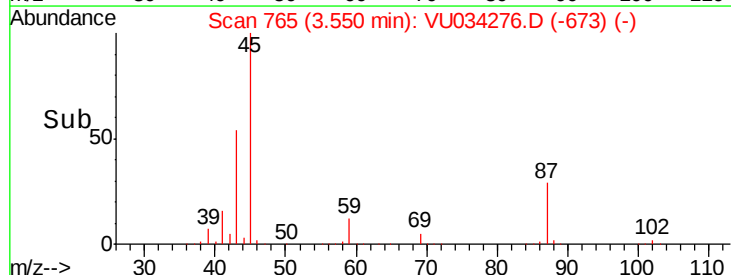


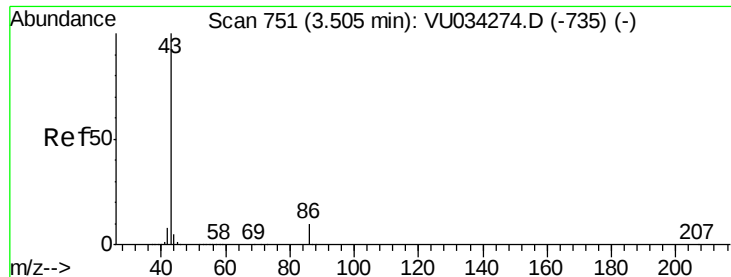
Abundance Ion 45.00 (44.70 to 45.70): VU034276.D (-673) (-)

Ion 43.00 (42.70 to 43.70): VU034276.D (-673) (-)

Ion 87.00 (86.70 to 87.70): VU034276.D (-673) (-)

Ion 59.00 (58.70 to 59.70): VU034276.D (-673) (-)





#23

Vinyl Acetate

Concen: 887.780 ug/l

RT: 3.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

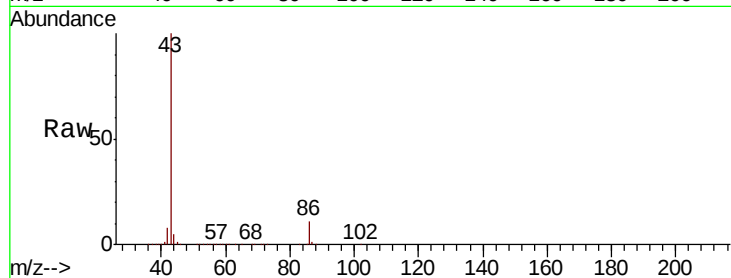
VSTDIC150

Tgt Ion: 43 Resp: 8694143

Ion Ratio Lower Upper

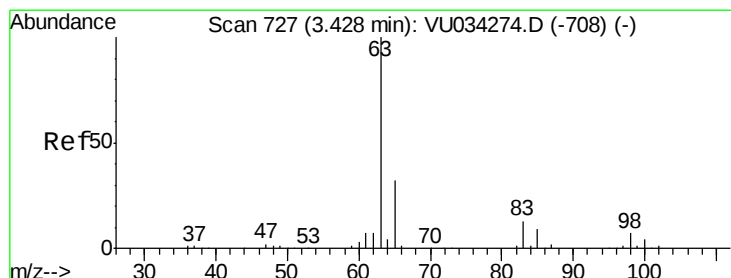
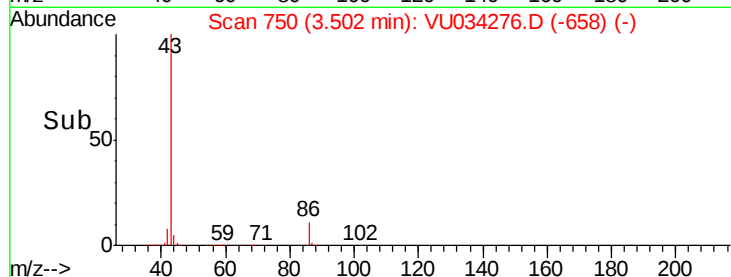
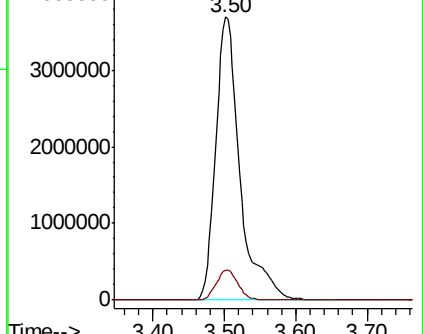
43 100

86 10.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-735) (-)

Ion 86.00 (85.70 to 86.70): VU034274.D (-735) (-)



#24

1,1-Dichloroethane

Concen: 169.092 ug/l

RT: 3.42 min Scan# 726

Delta R.T. -0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

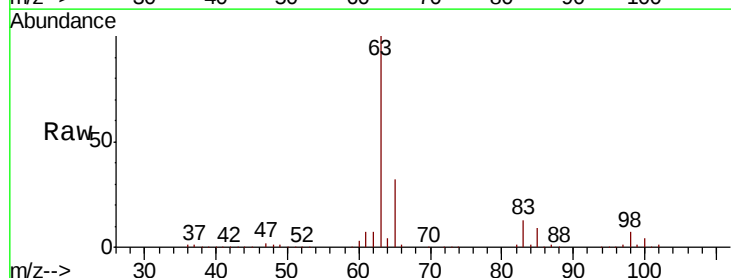
Tgt Ion: 63 Resp: 1142892

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

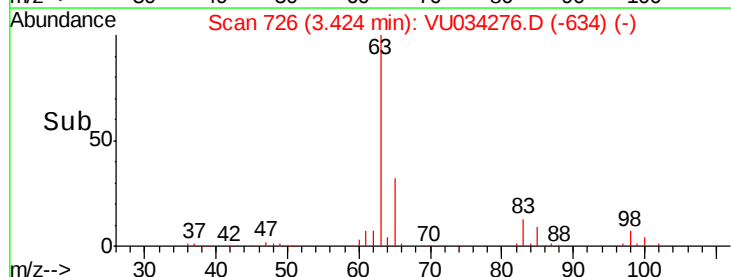
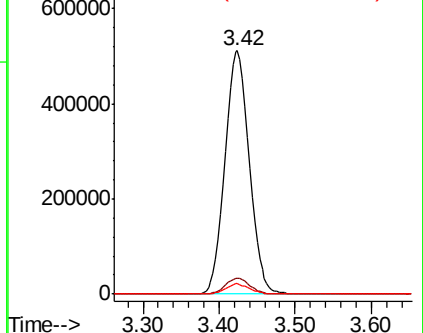
100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VU034274.D (-708) (-)

Ion 97.90 (97.60 to 98.60): VU034274.D (-708) (-)

Ion 99.90 (99.60 to 100.60): VU034274.D (-708) (-)





#25

2-Butanone

Concen: 905.907 ug/l

RT: 4.24 min Scan# 979

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

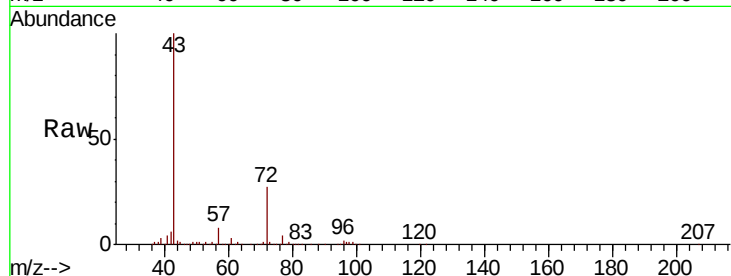
VSTDICC150

Tgt Ion: 43 Resp: 2735371

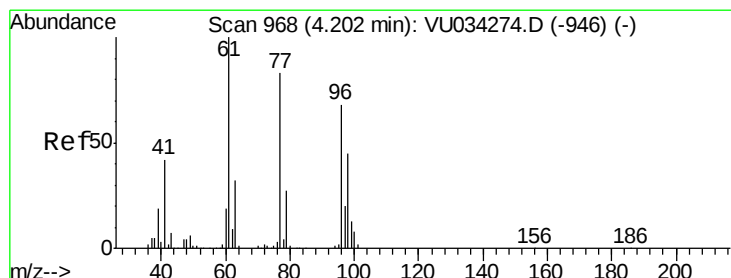
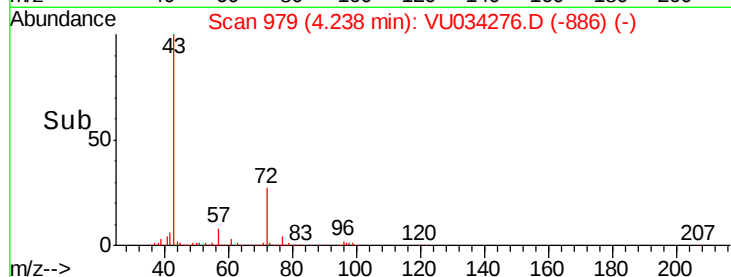
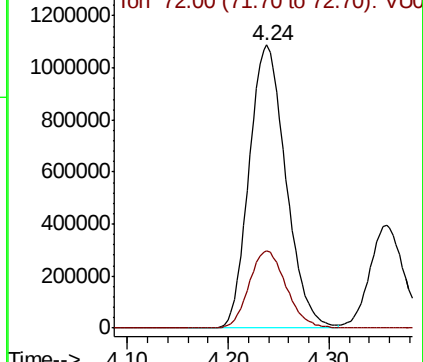
Ion Ratio Lower Upper

43 100

72 27.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034276.D (-886) (-)



#26

2,2-Dichloropropane

Concen: 170.574 ug/l

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU034276.D

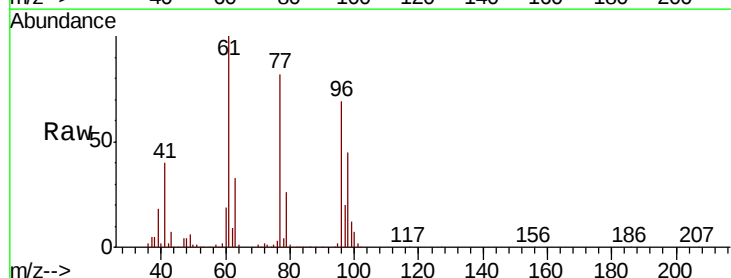
Acq: 05 Sep 2019 11:09

Tgt Ion: 77 Resp: 936846

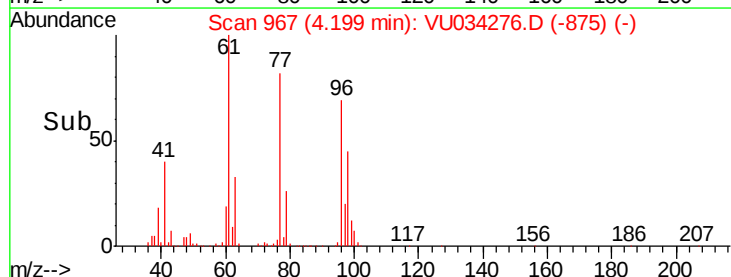
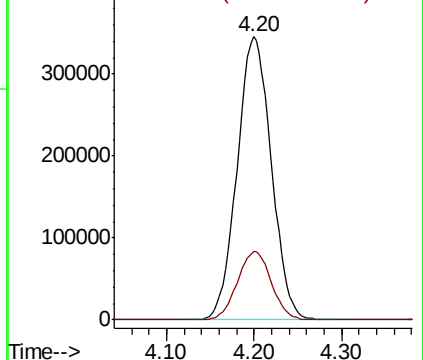
Ion Ratio Lower Upper

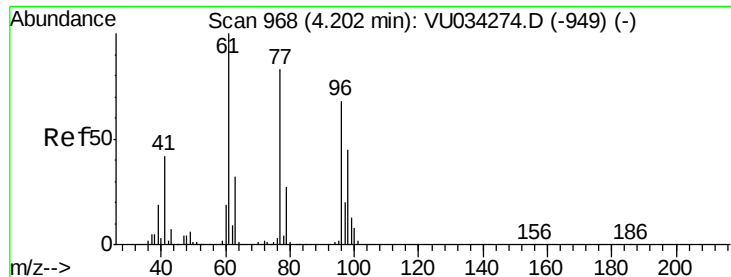
77 100

97 24.0 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034276.D (-875) (-)



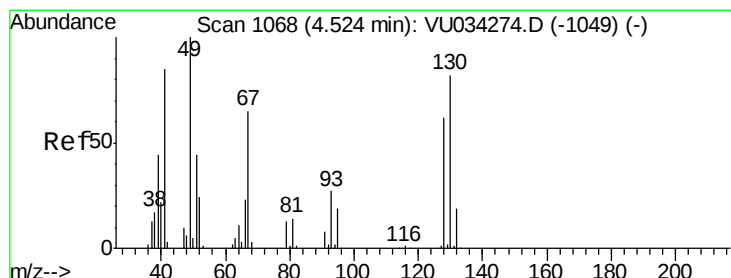
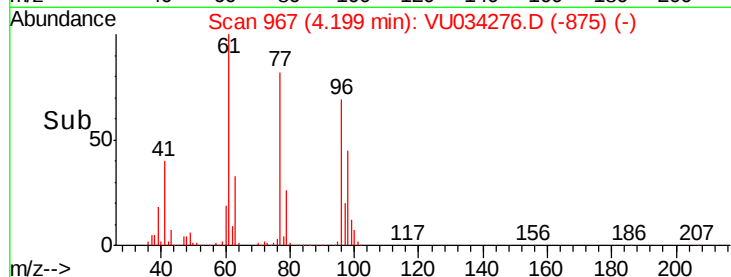
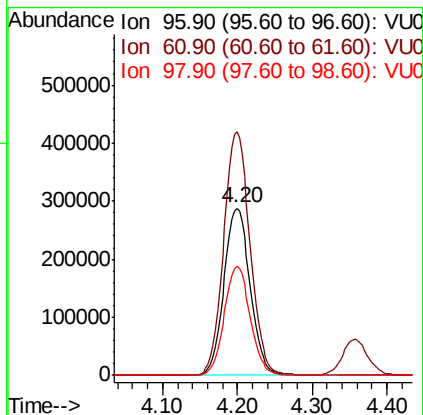
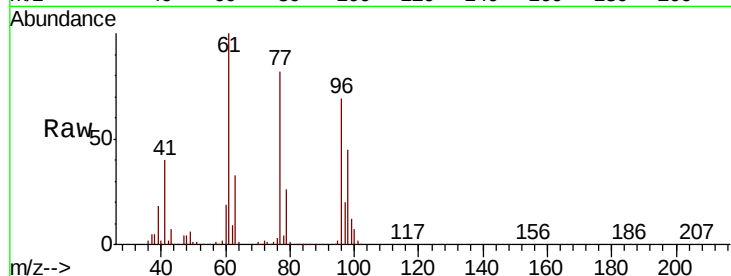


#27

cis-1,2-Dichloroethene
 Concen: 172.866 ug/l
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

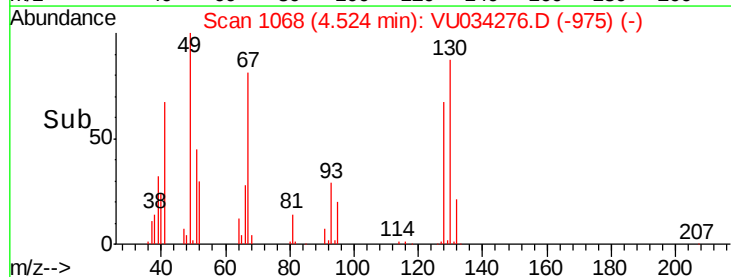
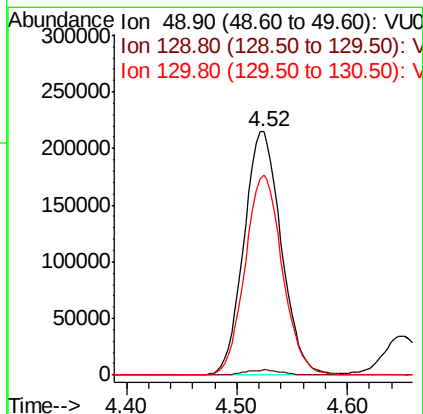
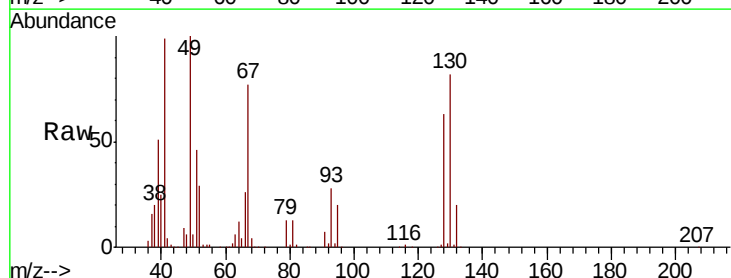
Tgt Ion: 96 Resp: 697100
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 297.4
 98 64.6 0.0 130.0

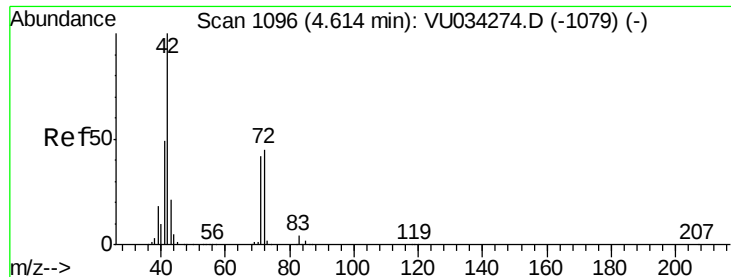


#28

Bromochloromethane
 Concen: 150.502 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Tgt Ion: 49 Resp: 504189
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 82.0 65.2 97.8





#29

Tetrahydrofuran

Concen: 885.163 ug/l

RT: 4.61 min Scan# 1096

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

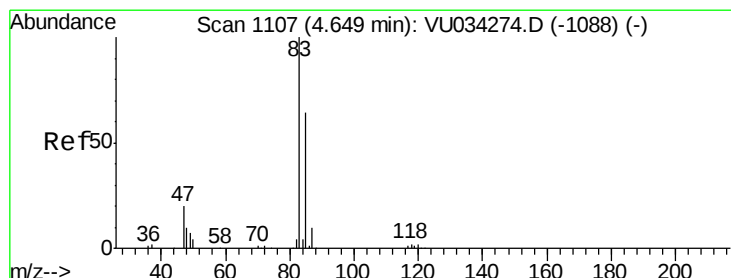
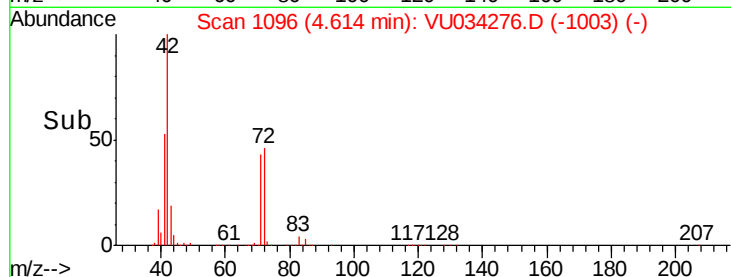
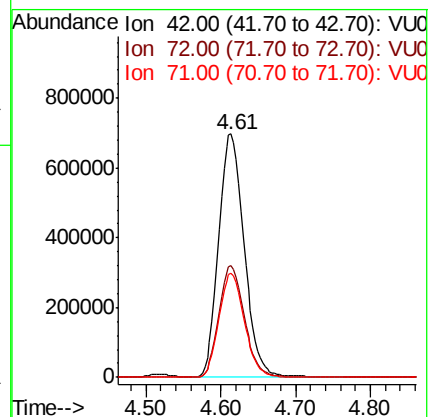
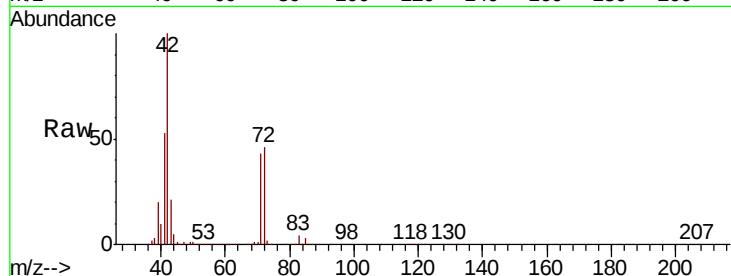
Tgt Ion: 42 Resp: 1648713

Ion Ratio Lower Upper

42 100

72 46.3 36.6 54.8

71 43.0 34.3 51.5



#30

Chloroform

Concen: 165.889 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU034276.D

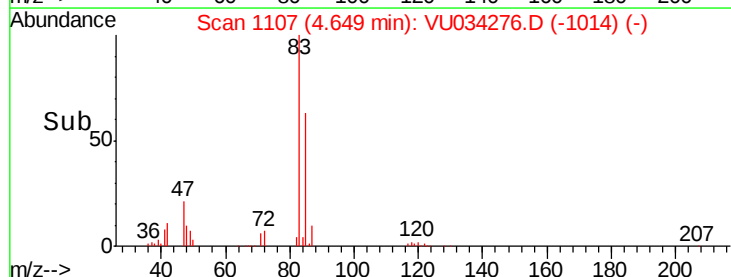
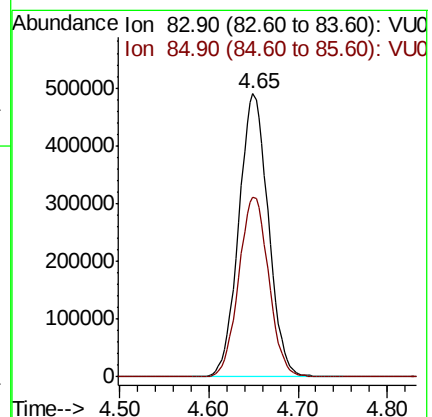
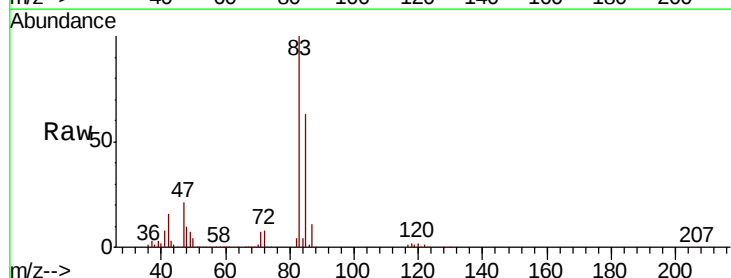
Acq: 05 Sep 2019 11:09

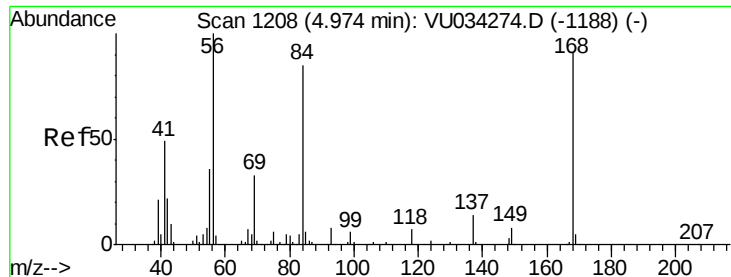
Tgt Ion: 83 Resp: 1127381

Ion Ratio Lower Upper

83 100

85 63.4 51.5 77.3

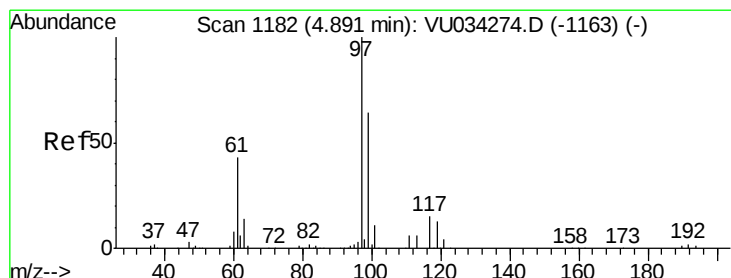
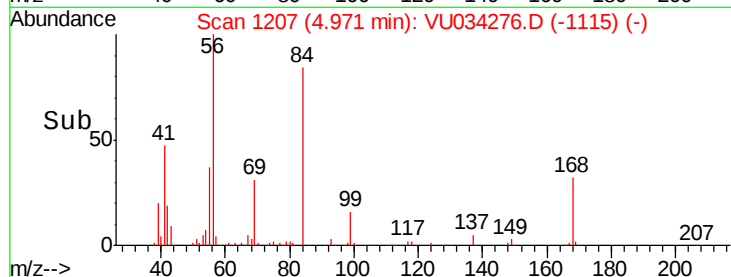
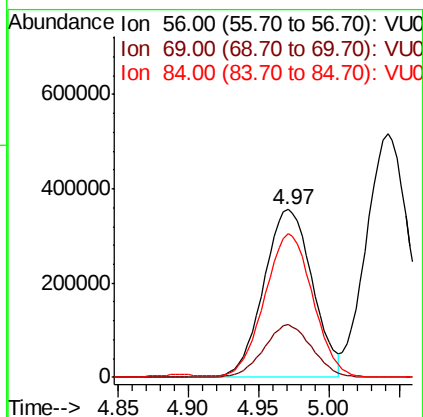
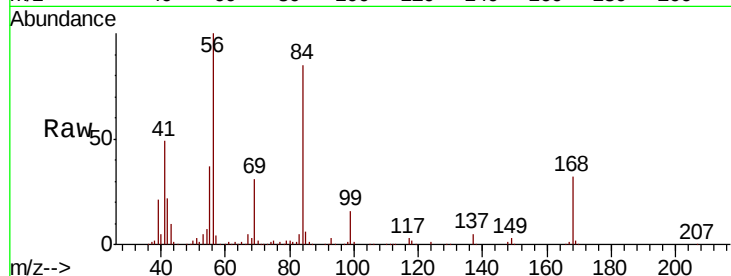




#31
Cyclohexane
Concen: 140.743 ug/l
RT: 4.97 min Scan# 1207
Delta R.T. -0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

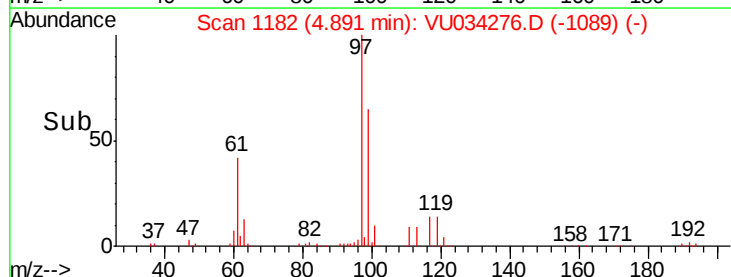
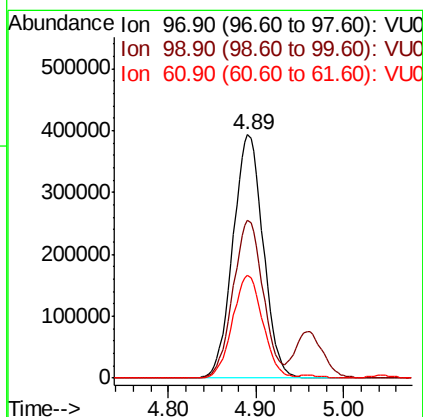
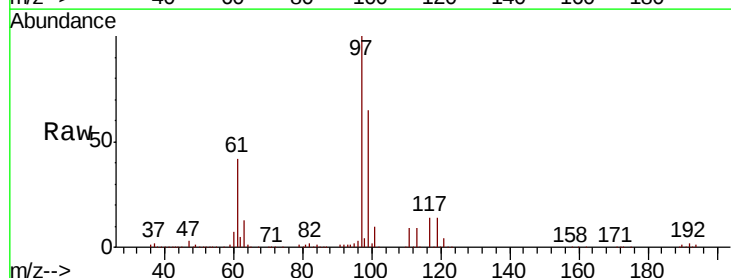
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

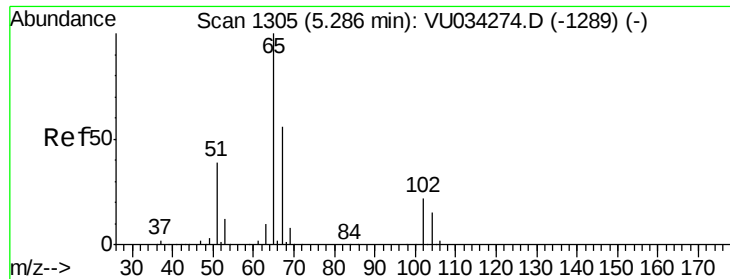
Tgt Ion: 56 Resp: 856859
Ion Ratio Lower Upper
56 100
69 31.1 26.7 40.1
84 83.8 68.2 102.4



#32
1,1,1-Trichloroethane
Concen: 170.455 ug/l
RT: 4.89 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Tgt Ion: 97 Resp: 942158
Ion Ratio Lower Upper
97 100
99 64.8 50.9 76.3
61 42.5 34.7 52.1

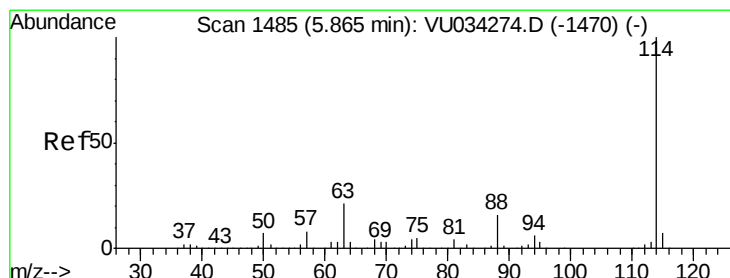
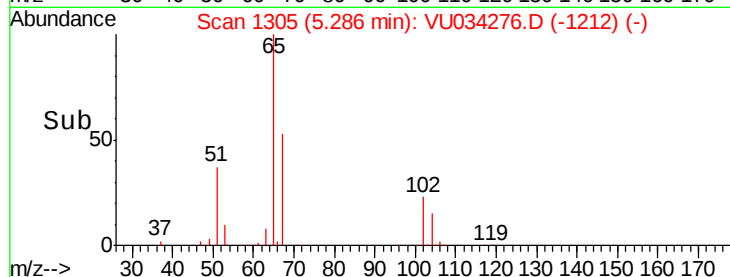
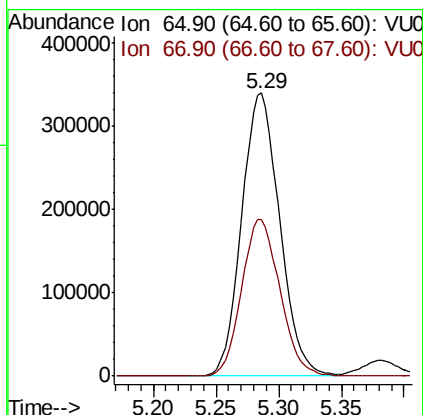
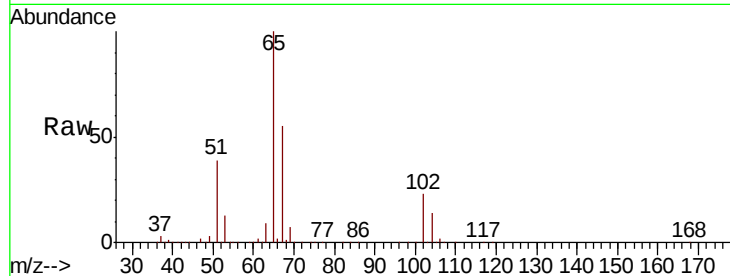




#33
 1,2-Dichloroethane-d4
 Concen: 165.637 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

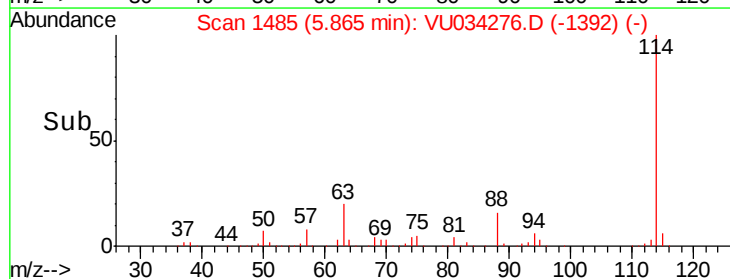
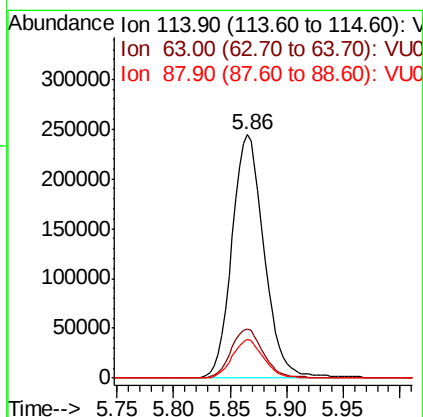
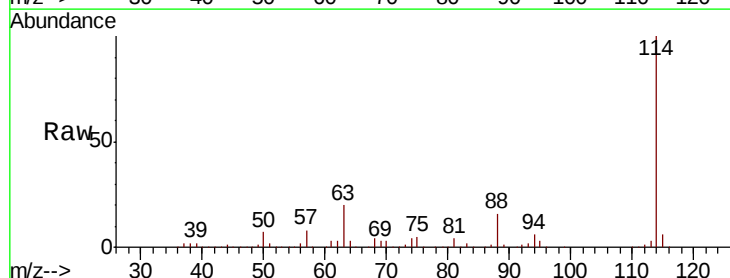
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

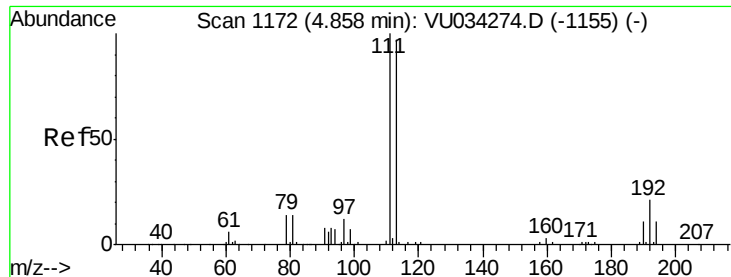
Tgt Ion: 65 Resp: 719062
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Tgt Ion: 114 Resp: 484636
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 15.7 0.0 32.4

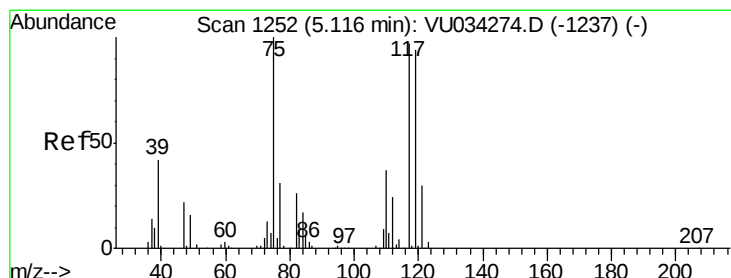
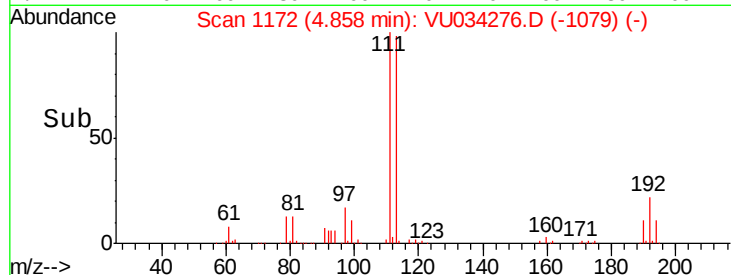
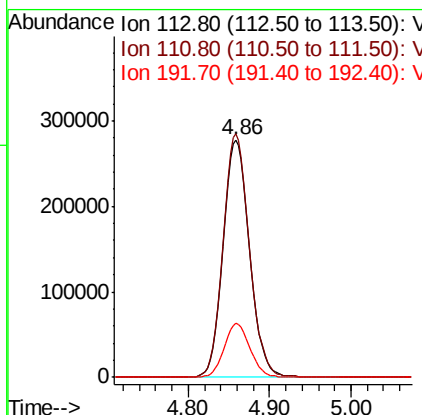
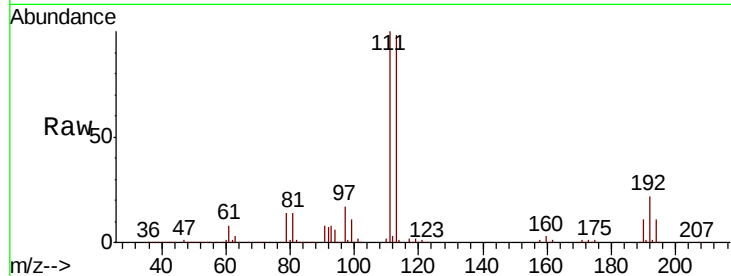




#35
 Dibromofluoromethane
 Concen: 179.031 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

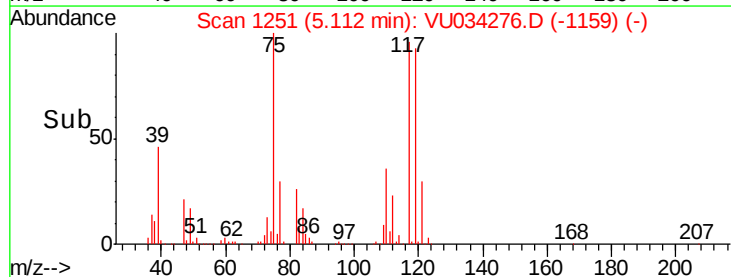
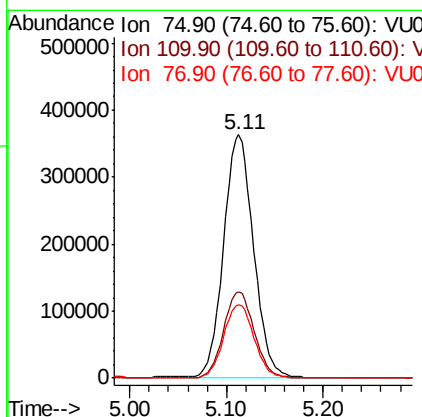
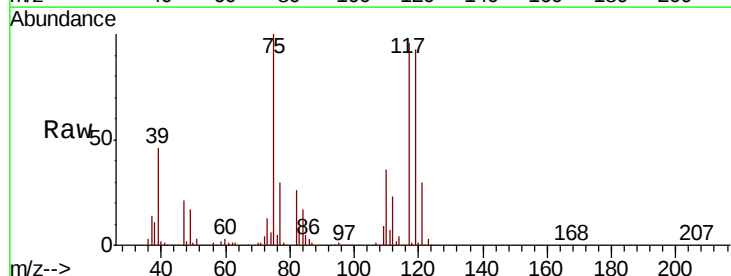
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

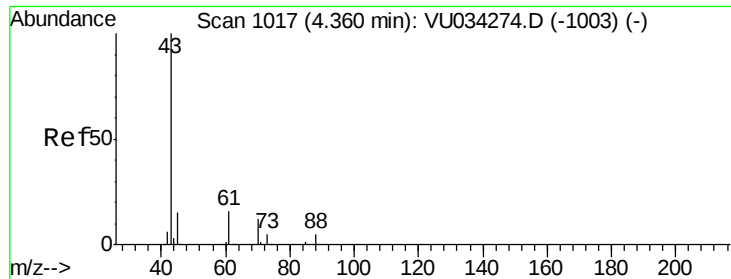
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	22.3	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 168.986 ug/l
 RT: 5.11 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.3	54.9
77	30.9	24.9	37.3

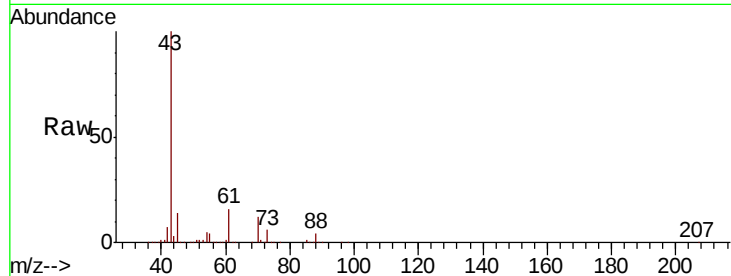




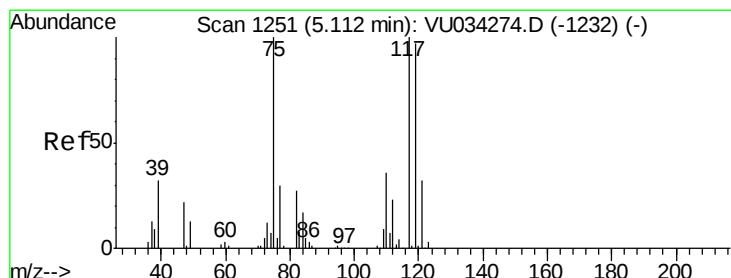
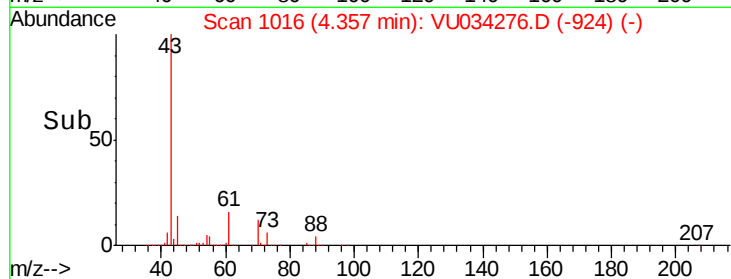
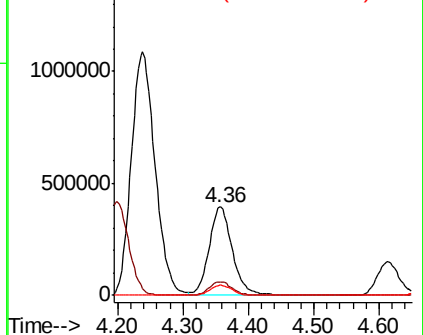
#37
 Ethyl Acetate
 Concen: 185.951 ug/l
 RT: 4.36 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 969294
 Ion Ratio Lower Upper
 43 100
 61 15.1 12.3 18.5
 70 11.1 9.1 13.7

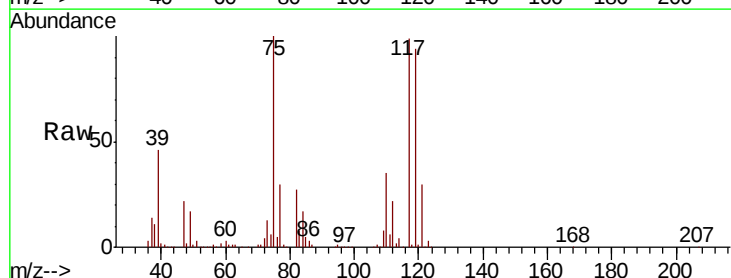


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0

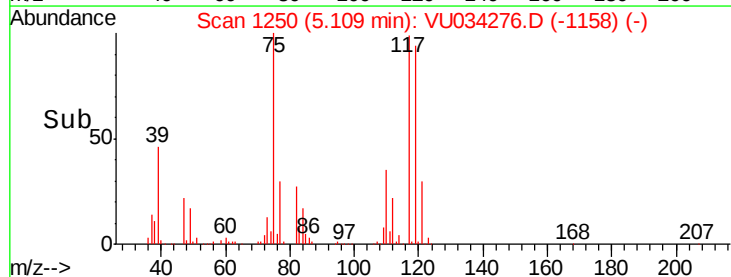
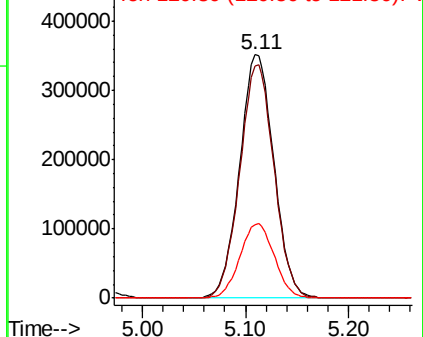


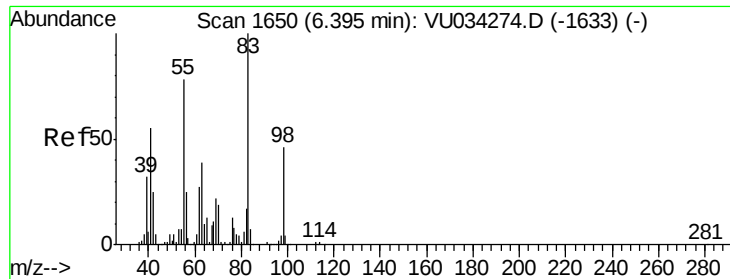
#38
 Carbon Tetrachloride
 Concen: 179.617 ug/l
 RT: 5.11 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Tgt Ion: 117 Resp: 810109
 Ion Ratio Lower Upper
 117 100
 119 95.3 77.8 116.6
 121 30.3 25.2 37.8



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

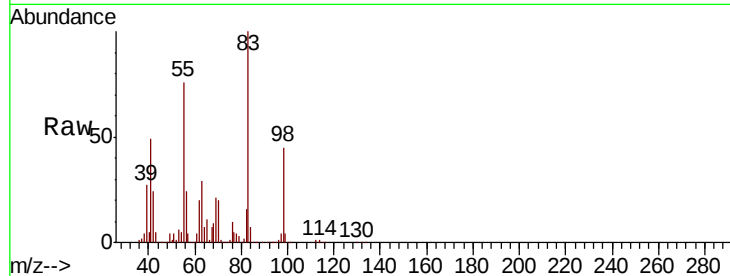




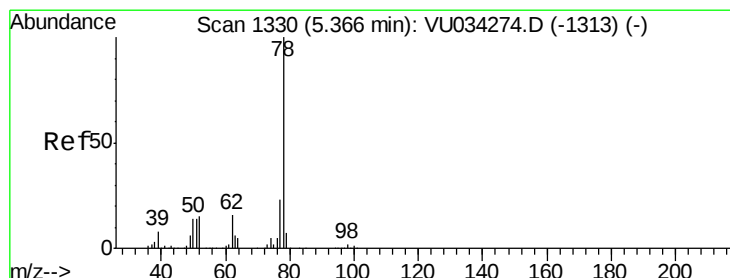
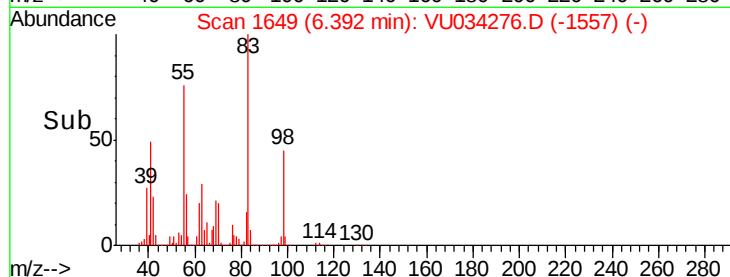
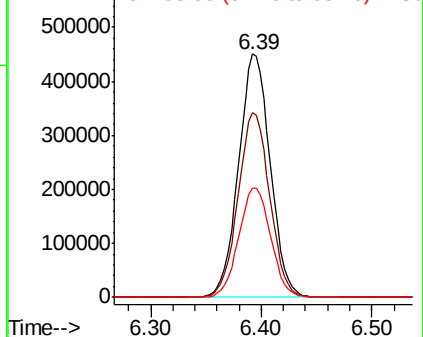
#39
Methylcyclohexane
Concen: 168.049 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 893385
Ion Ratio Lower Upper
83 100
55 75.7 62.1 93.1
98 44.9 37.0 55.6

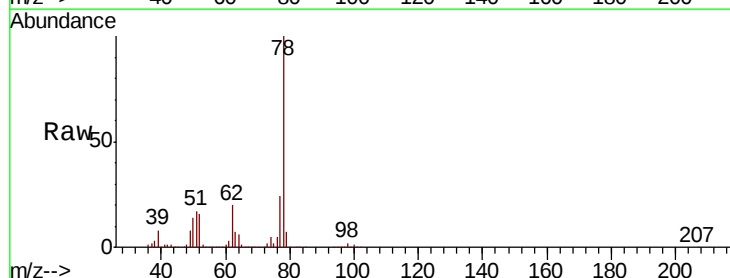


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

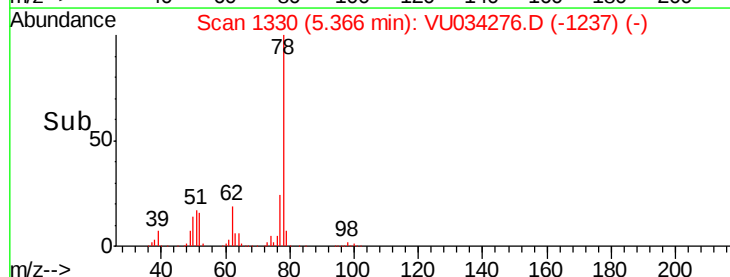
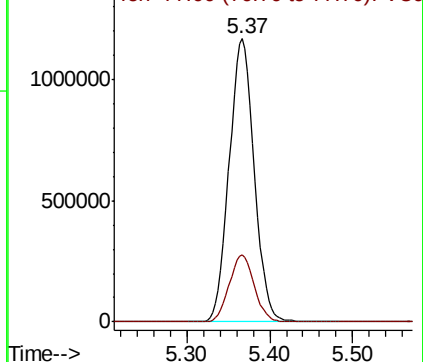


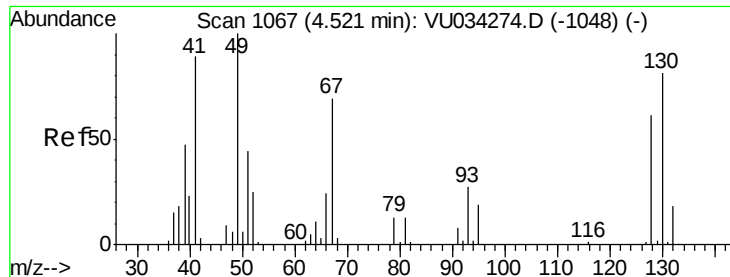
#40
Benzene
Concen: 175.005 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Tgt Ion: 78 Resp: 2463384
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1



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





#41

Methacrylonitrile

Concen: 200.149 ug/l

RT: 4.52 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 540575

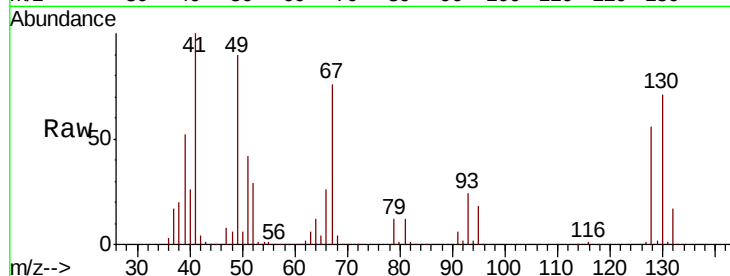
Ion Ratio Lower Upper

41 100

39 51.9 41.0 61.4

67 77.3 62.4 93.6

52 28.7 23.6 35.4

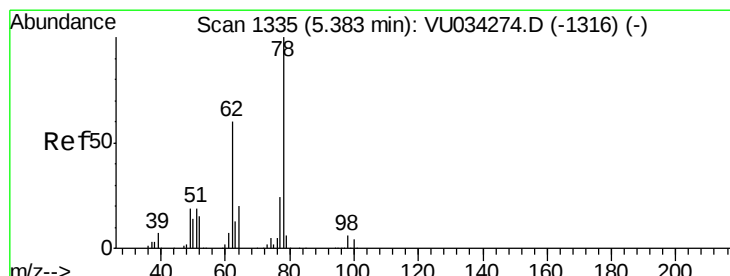
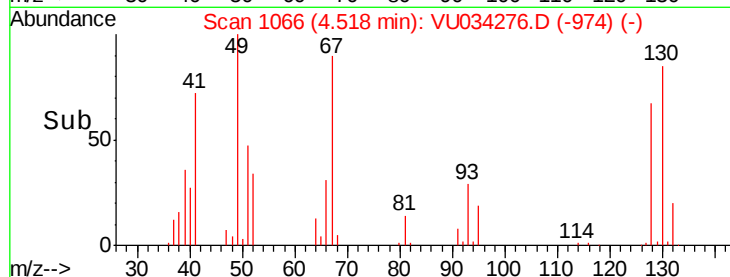
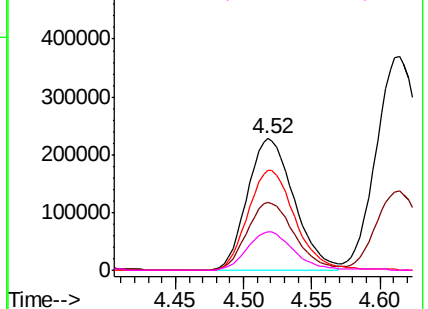


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#42

1,2-Dichloroethane

Concen: 172.886 ug/l

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU034276.D

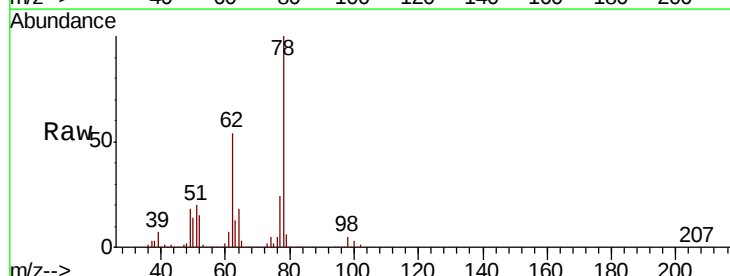
Acq: 05 Sep 2019 11:09

Tgt Ion: 62 Resp: 839525

Ion Ratio Lower Upper

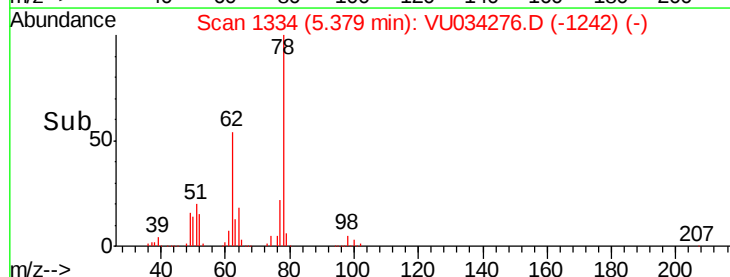
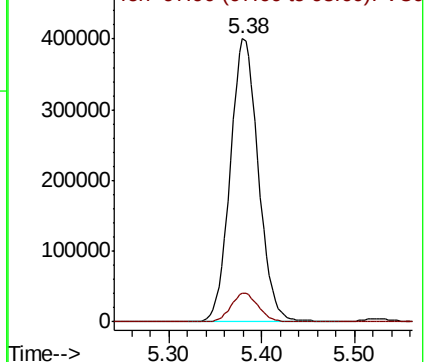
62 100

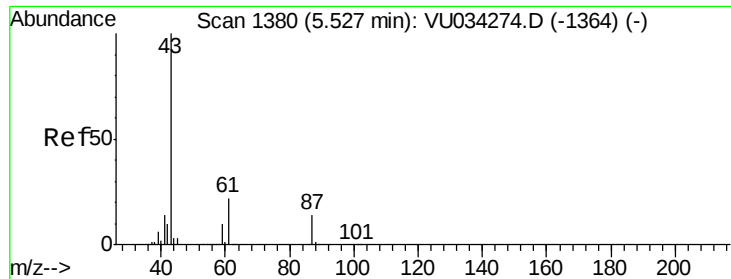
98 10.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 198.314 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

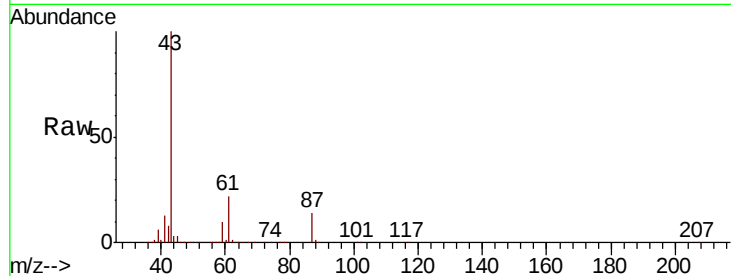
Tgt Ion: 43 Resp: 1580952

Ion Ratio Lower Upper

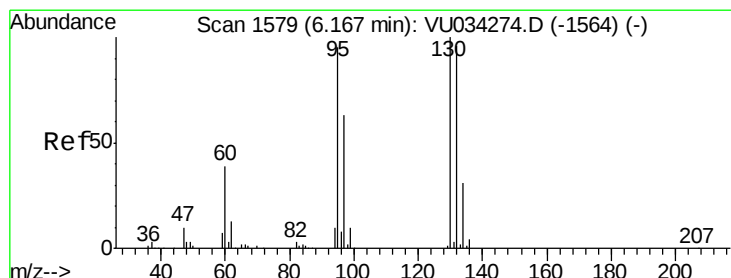
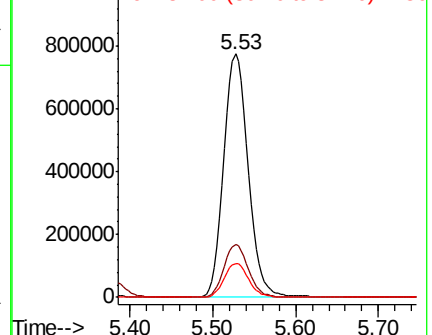
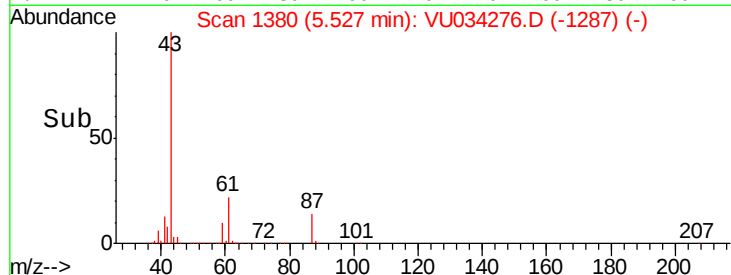
43 100

61 21.6 17.1 25.7

87 13.9 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034276.D (-1287) (-)



#44

Trichloroethene

Concen: 182.056 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034276.D

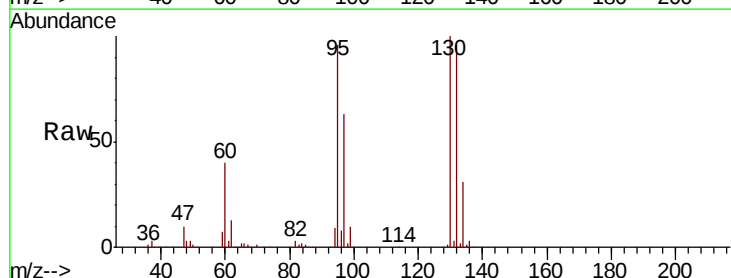
Acq: 05 Sep 2019 11:09

Tgt Ion: 130 Resp: 679980

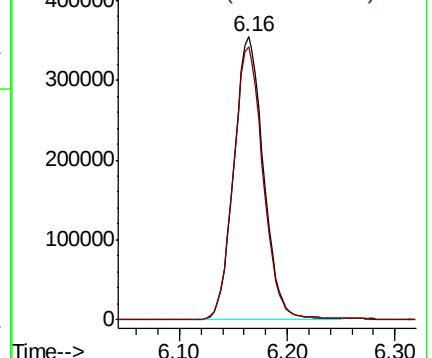
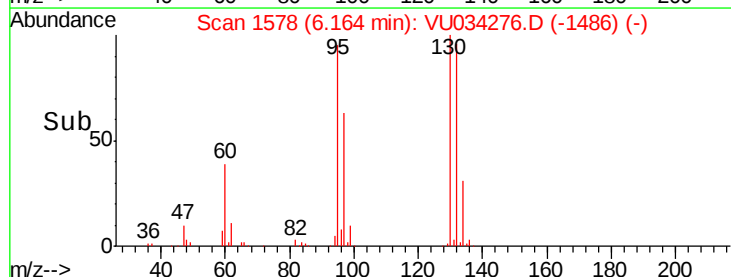
Ion Ratio Lower Upper

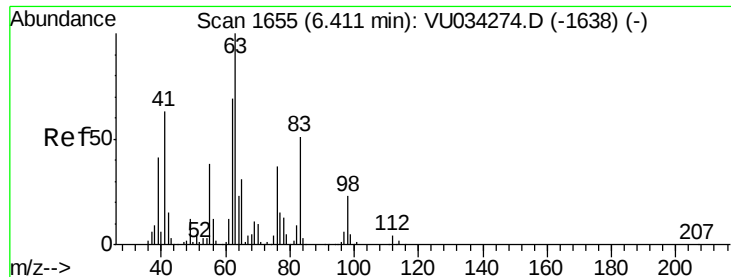
130 100

95 96.5 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VU034276.D (-1486) (-)





#45

1,2-Dichloropropane

Concen: 187.296 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

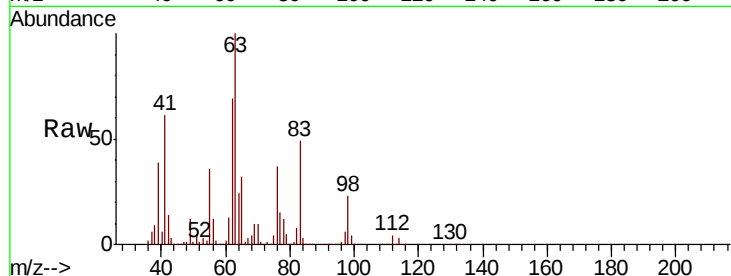
VSTDIC150

Tgt Ion: 63 Resp: 732710

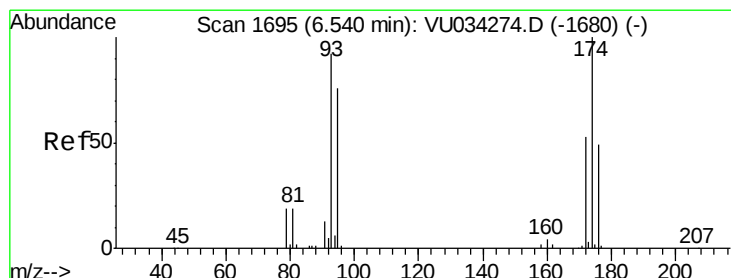
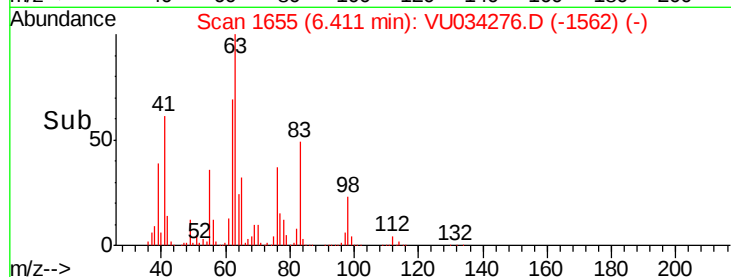
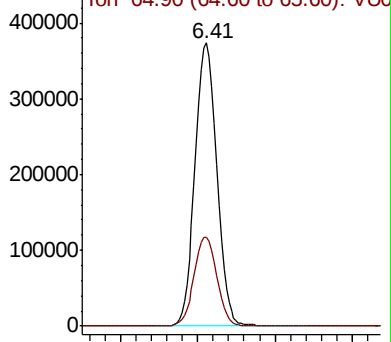
Ion Ratio Lower Upper

63 100

65 31.6 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VU034276.D (-1638) (-)



#46

Dibromomethane

Concen: 183.362 ug/l

RT: 6.54 min Scan# 1694

Delta R.T. -0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

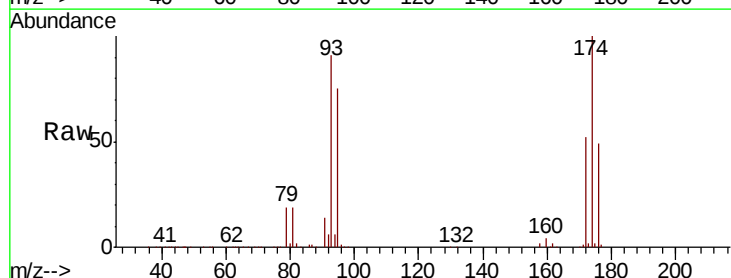
Tgt Ion: 93 Resp: 461500

Ion Ratio Lower Upper

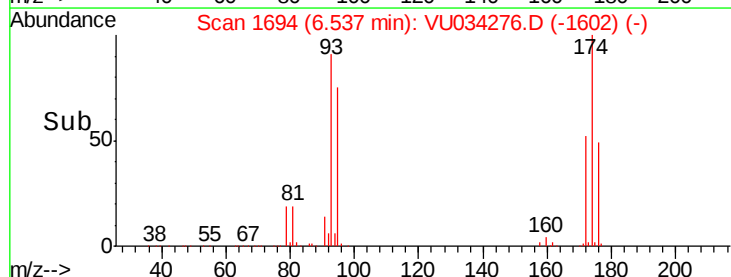
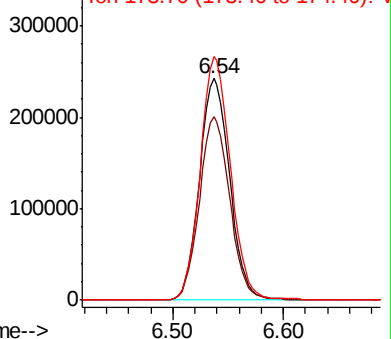
93 100

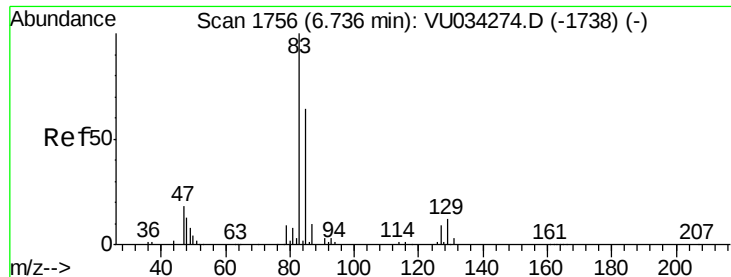
95 83.0 66.5 99.7

174 109.5 87.8 131.6



Abundance Ion 92.80 (92.50 to 93.50): VU034276.D (-1680) (-)





#47

Bromodichloromethane

Concen: 192.138 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

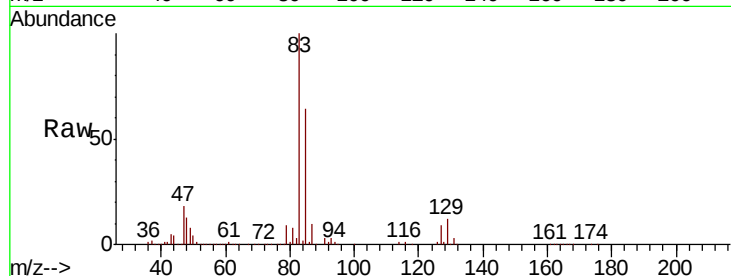
Tgt Ion: 83 Resp: 953558

Ion Ratio Lower Upper

83 100

85 64.4 51.1 76.7

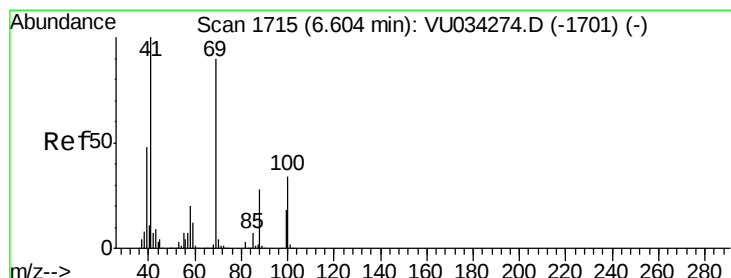
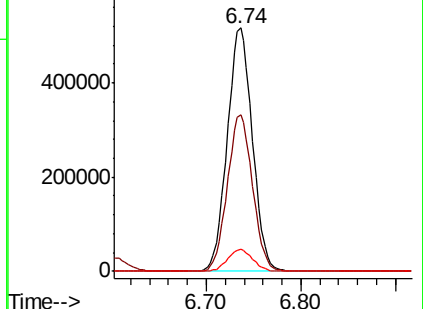
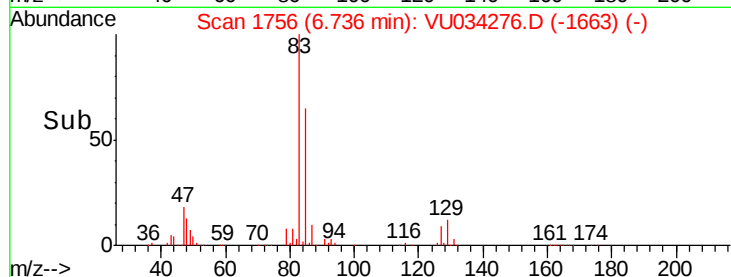
127 9.1 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU034276.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034276.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034276.D (-1663) (-)



#48

Methyl methacrylate

Concen: 199.994 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

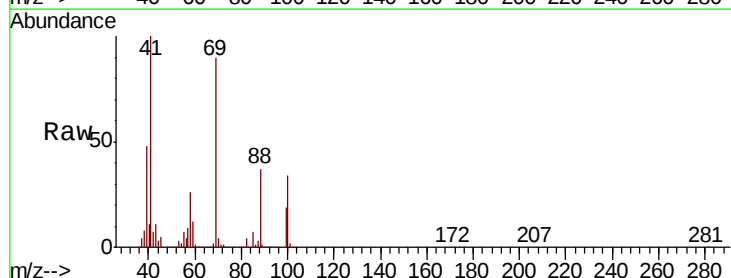
Tgt Ion: 41 Resp: 763711

Ion Ratio Lower Upper

41 100

69 91.1 72.8 109.2

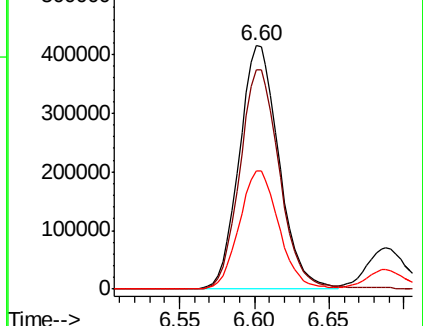
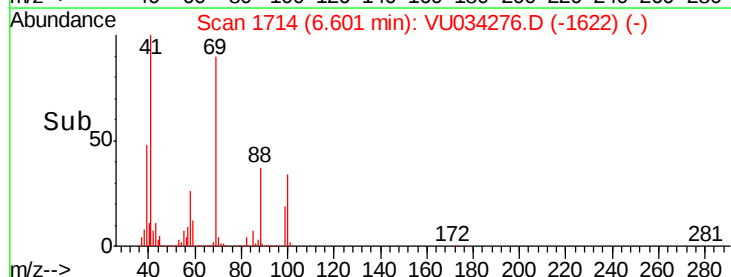
39 48.5 38.6 58.0

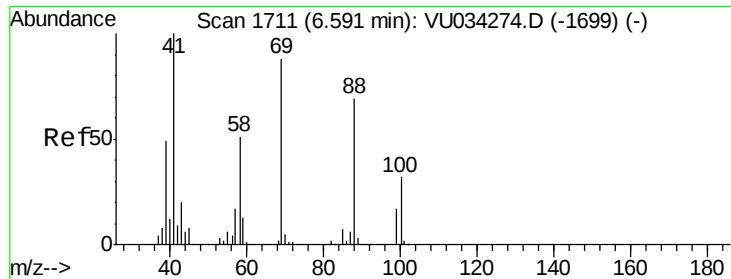


Abundance Ion 41.00 (40.70 to 41.70): VU034276.D (-1622) (-)

Ion 69.00 (68.70 to 69.70): VU034276.D (-1622) (-)

Ion 39.00 (38.70 to 39.70): VU034276.D (-1622) (-)

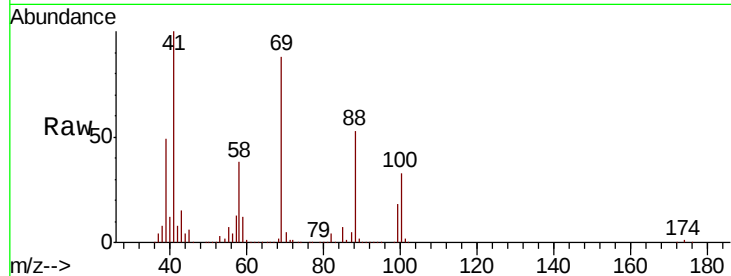




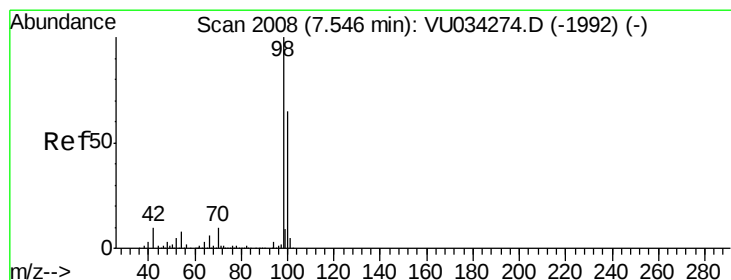
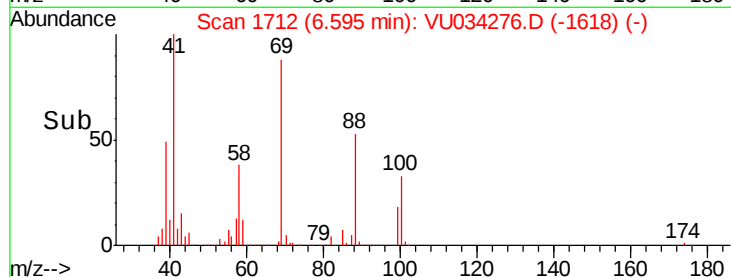
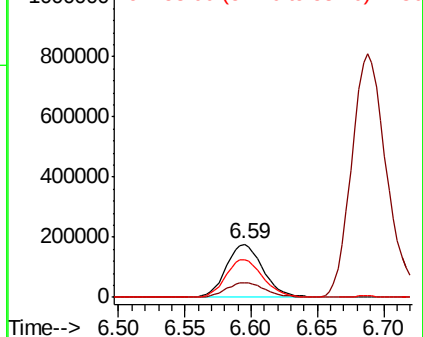
#49
1,4-Dioxane
Concen: 3598.247 ug/l
RT: 6.59 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 337333
Ion Ratio Lower Upper
88 100
43 28.9 23.8 35.6
58 72.2 58.4 87.6

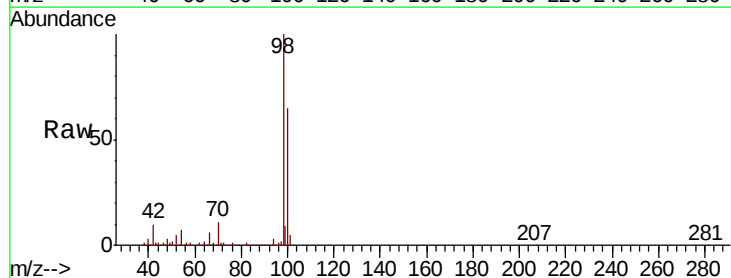


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

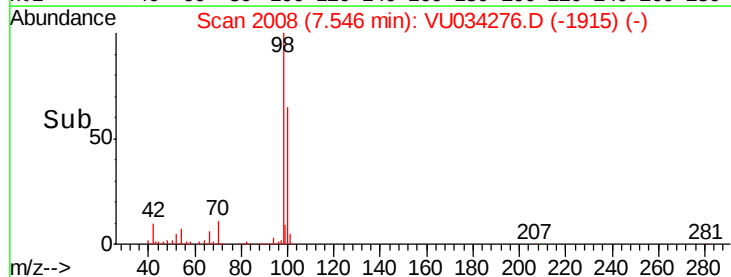
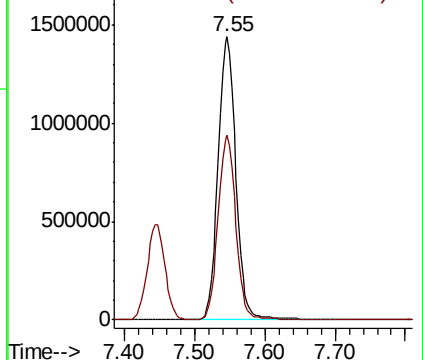


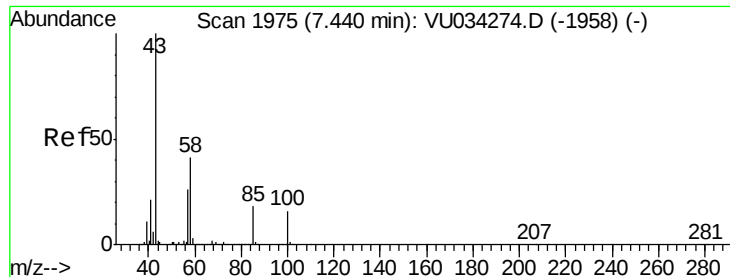
#50
Toluene-d8
Concen: 188.863 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Tgt Ion: 98 Resp: 2528134
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 969.217 ug/l

RT: 7.44 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

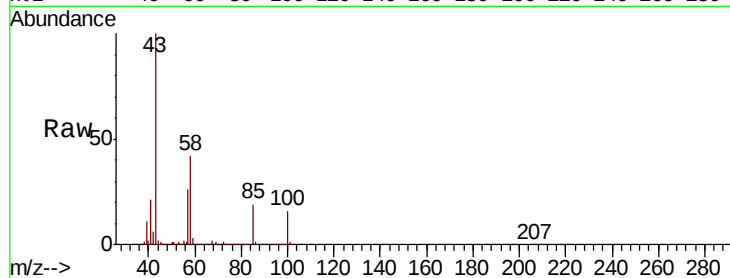
VSTDIC150

Tgt Ion: 43 Resp: 5353331

Ion Ratio Lower Upper

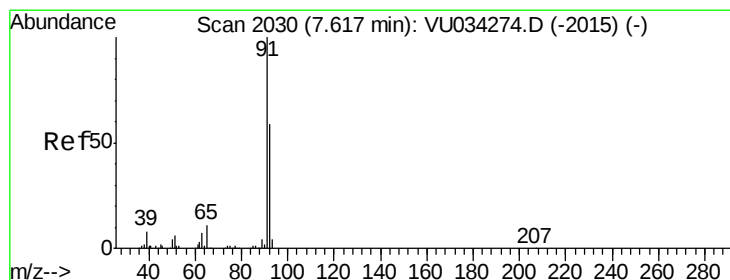
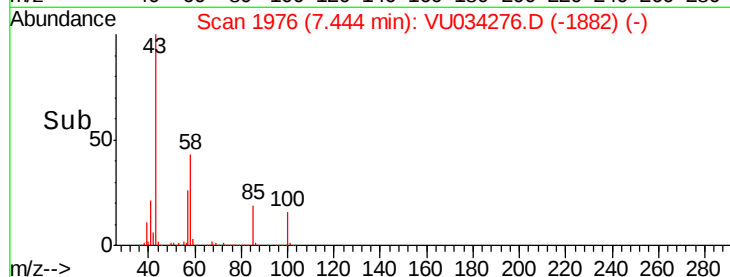
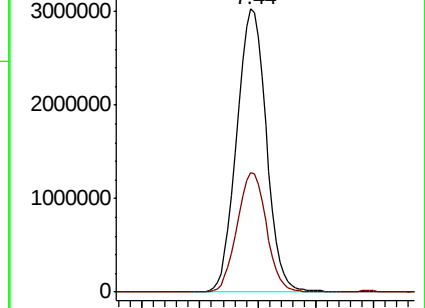
43 100

58 42.0 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-1958) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-1958) (-)



#52

Toluene

Concen: 184.596 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034276.D

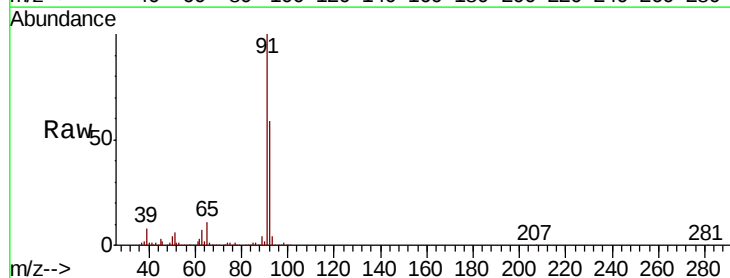
Acq: 05 Sep 2019 11:09

Tgt Ion: 92 Resp: 1609064

Ion Ratio Lower Upper

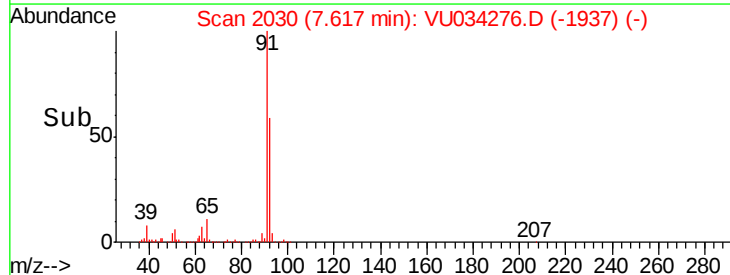
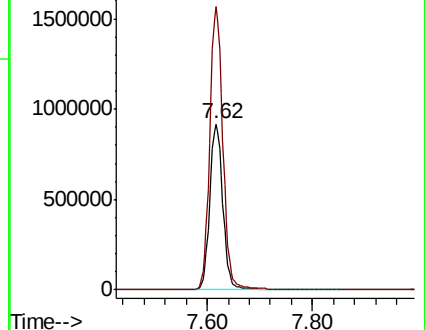
92 100

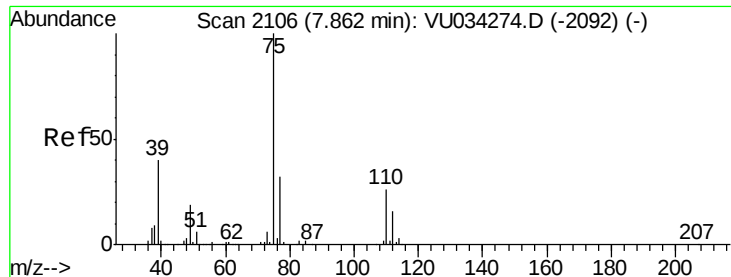
91 170.7 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VU034276.D (-1937) (-)

Ion 91.00 (90.70 to 91.70): VU034276.D (-1937) (-)

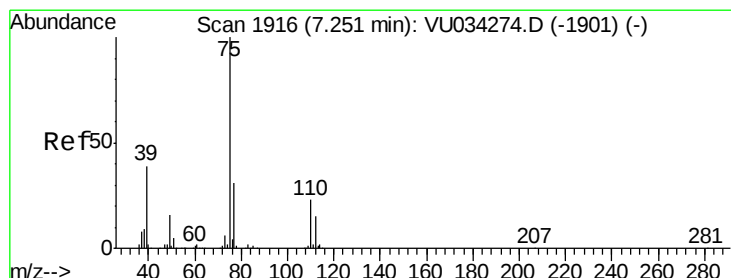
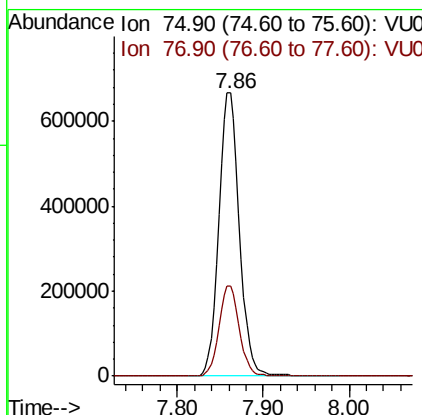
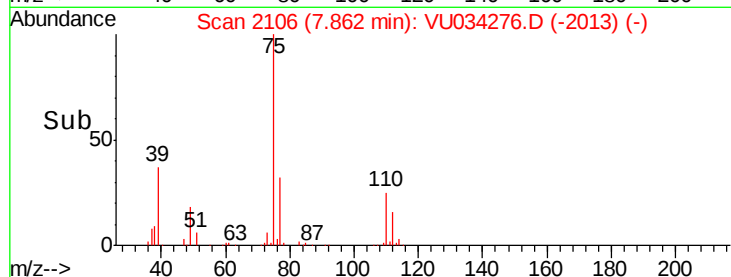
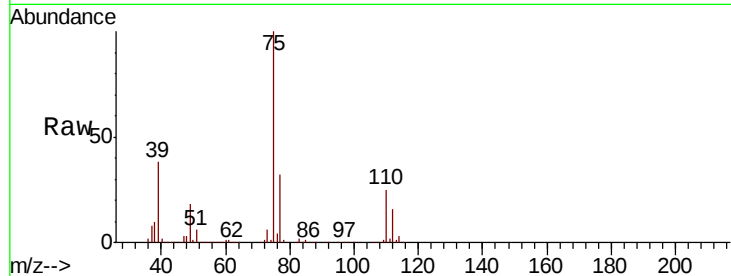




#53
 t-1,3-Dichloropropene
 Concen: 202.924 ug/l
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

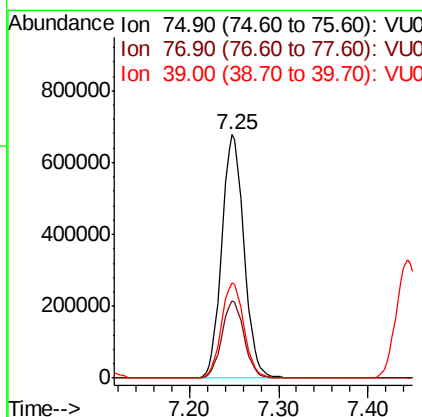
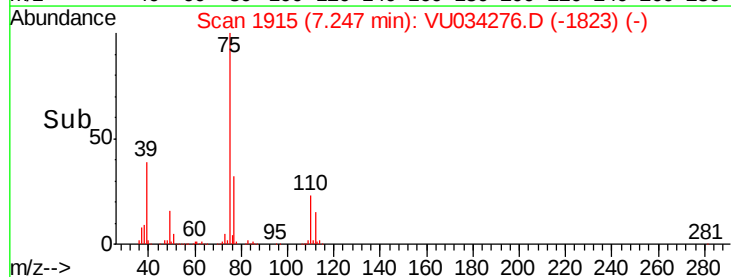
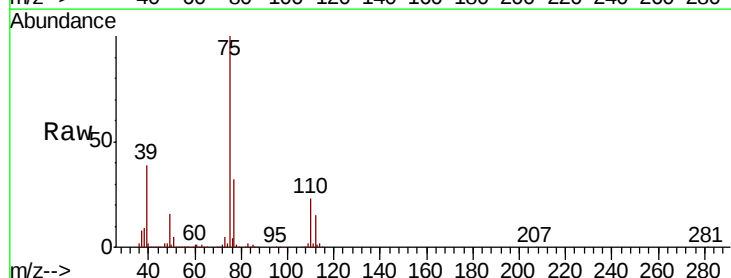
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

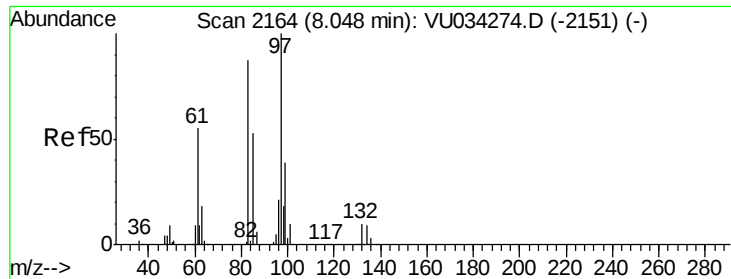
Tgt Ion: 75 Resp: 1104300
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 195.689 ug/l
 RT: 7.25 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Tgt Ion: 75 Resp: 1167598
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.1 37.7
 39 39.2 31.2 46.8





#55

1,1,2-Trichloroethane

Concen: 196.400 ug/l

RT: 8.05 min Scan# 2164

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 734167

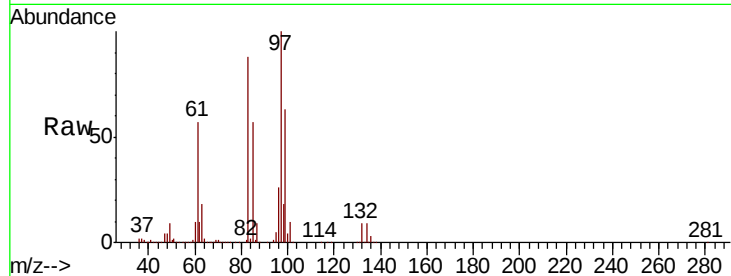
Ion Ratio Lower Upper

97 100

83 88.1 69.0 103.6

85 57.1 44.2 66.2

99 63.3 49.4 74.0

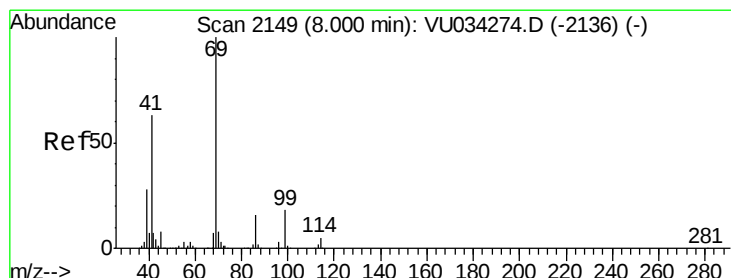
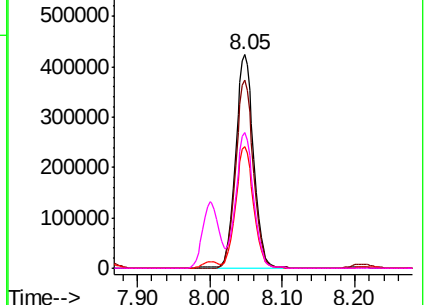
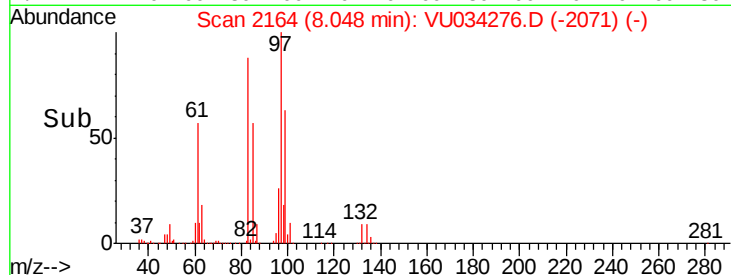


Abundance Ion 96.90 (96.60 to 97.60): VU0

Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 98.90 (98.60 to 99.60): VU0



#56

Ethyl methacrylate

Concen: 213.559 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

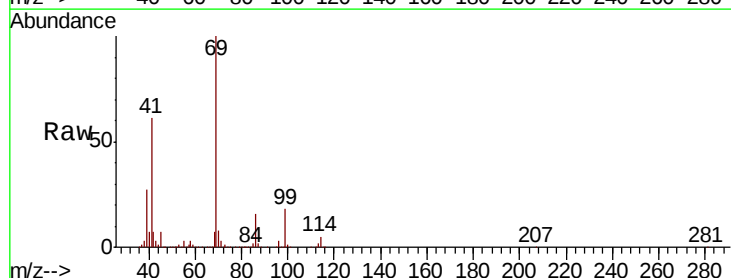
Tgt Ion: 69 Resp: 1177971

Ion Ratio Lower Upper

69 100

41 61.7 49.5 74.3

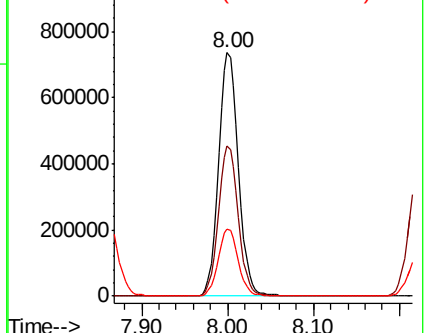
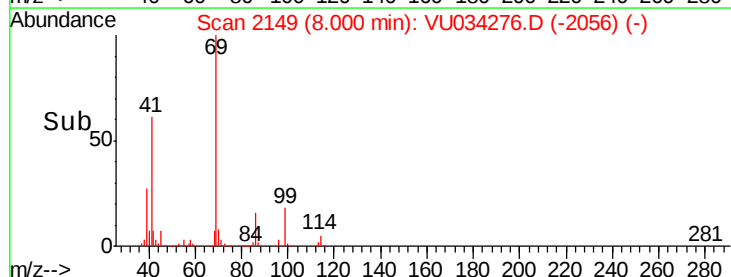
39 27.7 22.5 33.7



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 190.257 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

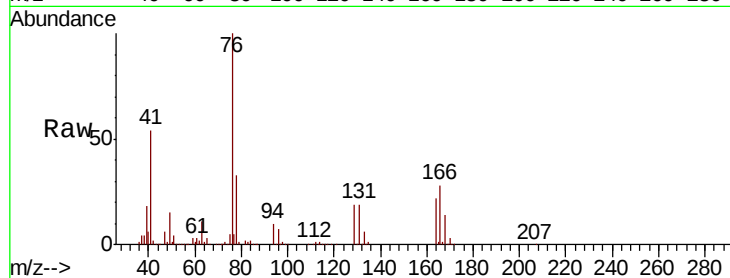
VSTDIC150

Tgt Ion: 76 Resp: 1198537

Ion Ratio Lower Upper

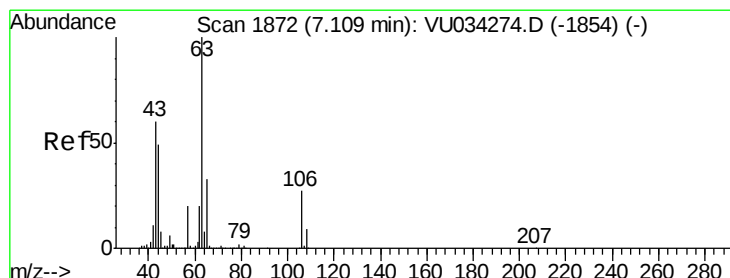
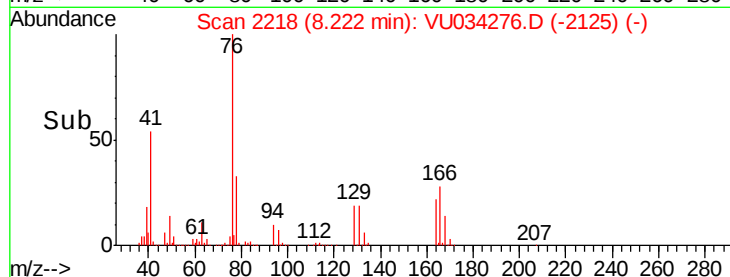
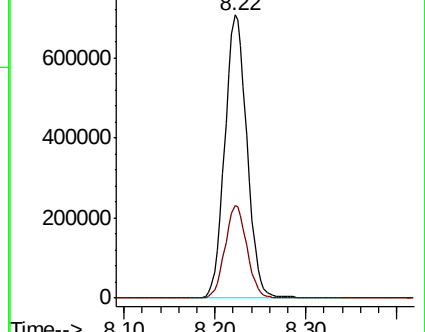
76 100

78 32.4 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VU034274.D (-2204) (-)

Ion 77.90 (77.60 to 78.60): VU034276.D (-2125) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 1025.211 ug/l

RT: 7.11 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VU034276.D

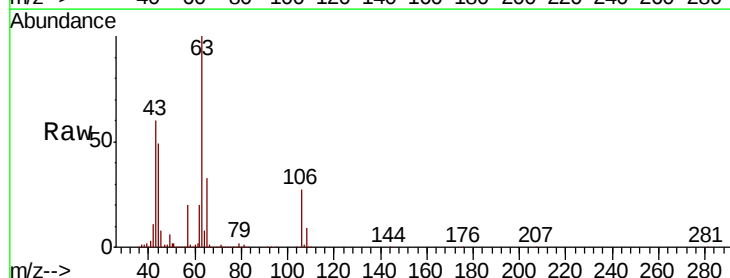
Acq: 05 Sep 2019 11:09

Tgt Ion: 63 Resp: 2041889

Ion Ratio Lower Upper

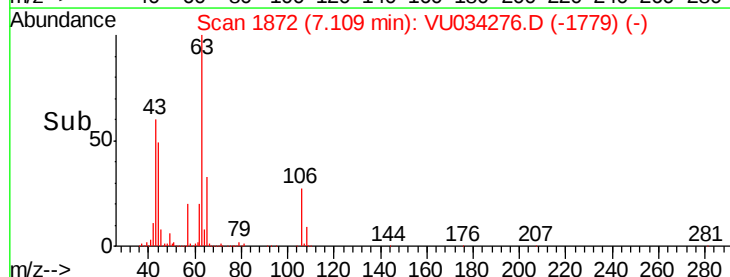
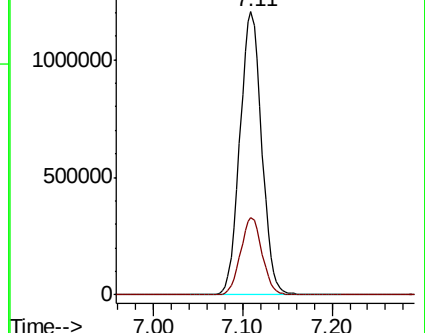
63 100

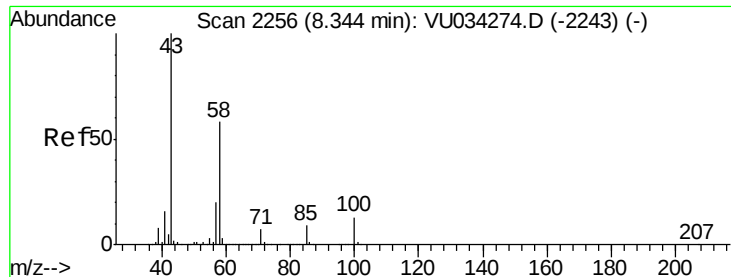
106 26.9 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU034274.D (-1854) (-)

Ion 105.90 (105.60 to 106.60): VU034276.D (-1779) (-)

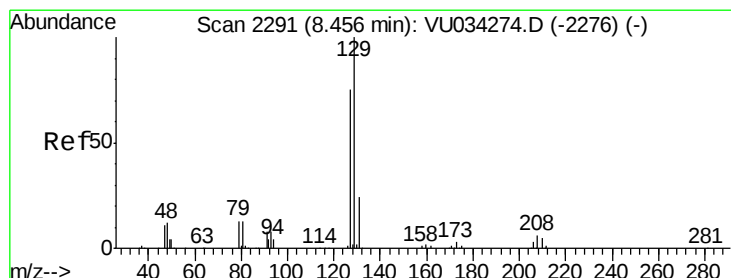
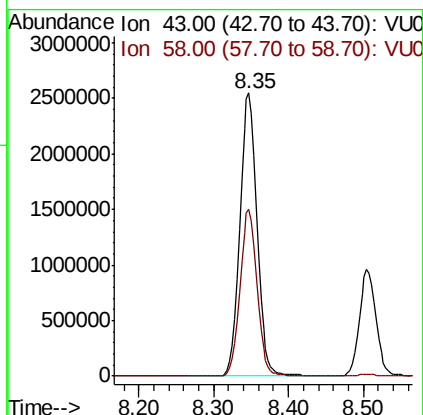
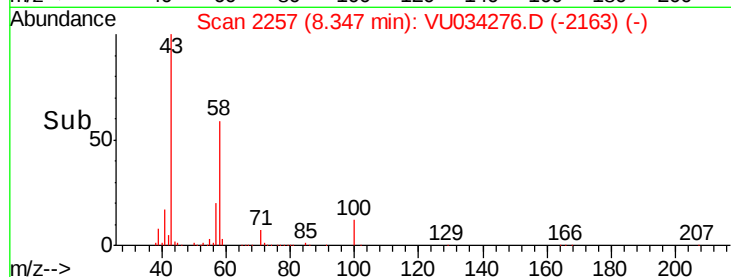
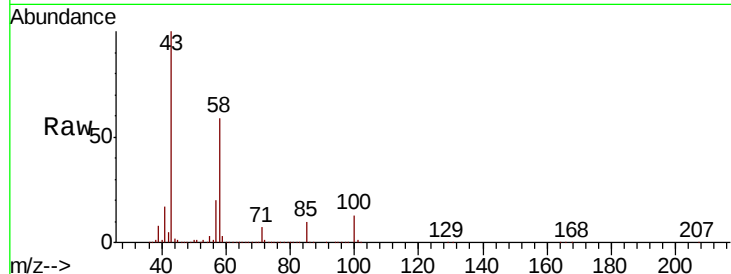




#59
2-Hexanone
Concen: 977.749 ug/l
RT: 8.35 min Scan# 2257
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

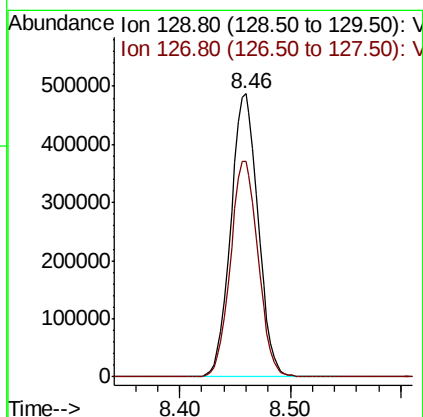
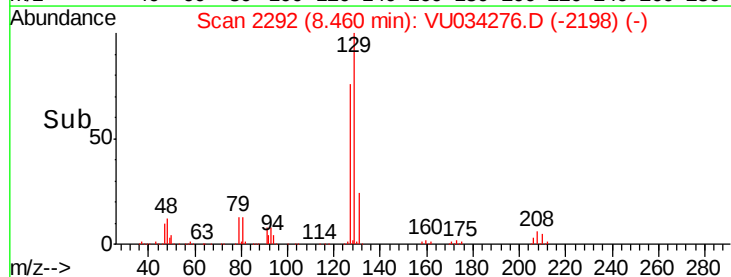
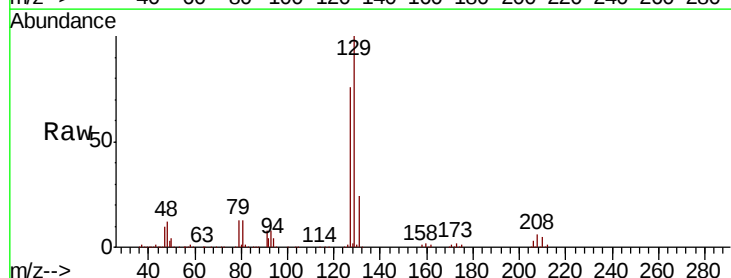
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

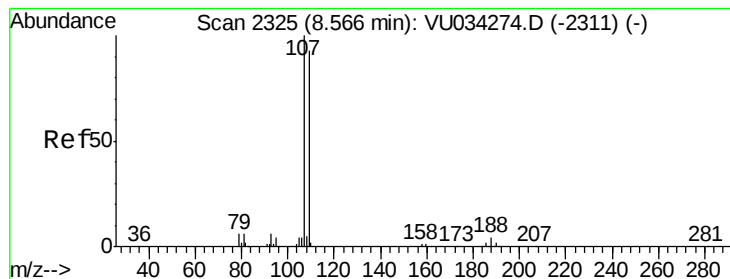
Tgt Ion: 43 Resp: 4072322
Ion Ratio Lower Upper
43 100
58 58.6 28.8 86.5



#60
Dibromochloromethane
Concen: 208.087 ug/l
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Tgt Ion: 129 Resp: 838173
Ion Ratio Lower Upper
129 100
127 77.1 37.9 113.7





#61

1,2-Dibromoethane

Concen: 189.178 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

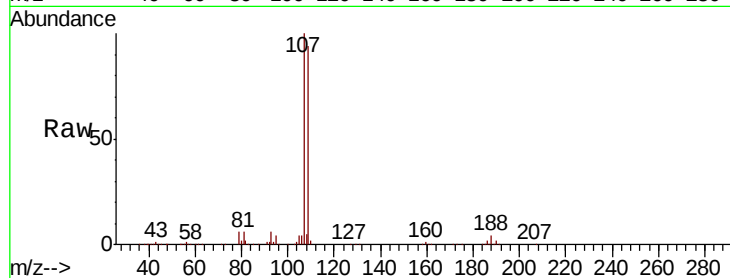
VSTDIC150

Tgt Ion: 107 Resp: 737077

Ion Ratio Lower Upper

107 100

109 94.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.57

400000

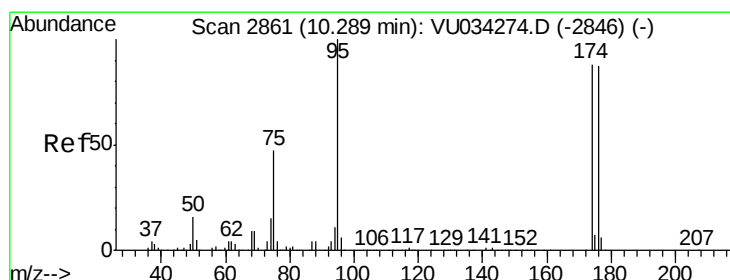
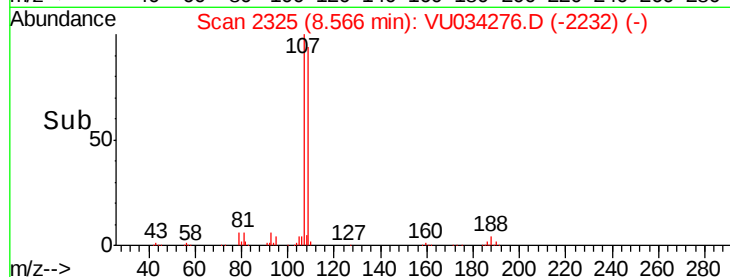
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 190.634 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

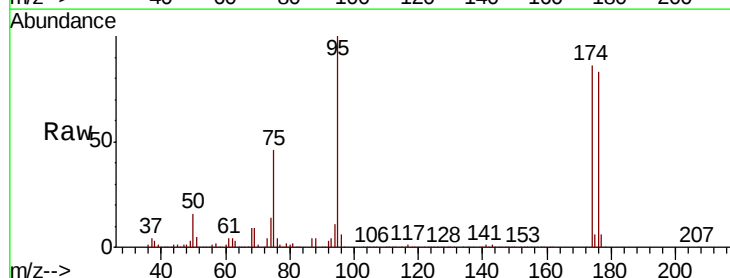
Tgt Ion: 95 Resp: 987756

Ion Ratio Lower Upper

95 100

174 86.8 0.0 175.2

176 84.1 0.0 168.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

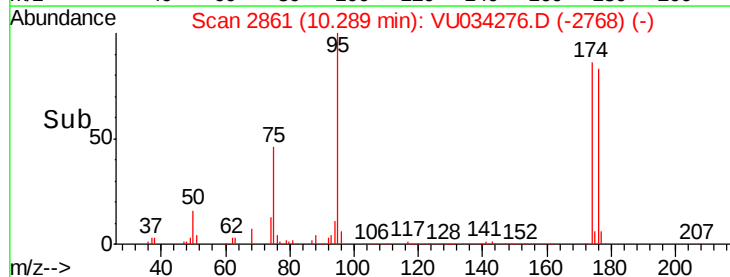
600000

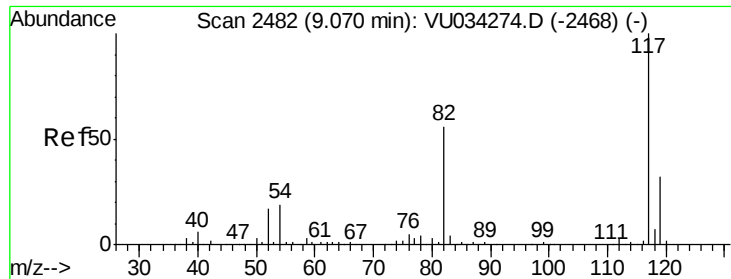
400000

200000

0

Time-->

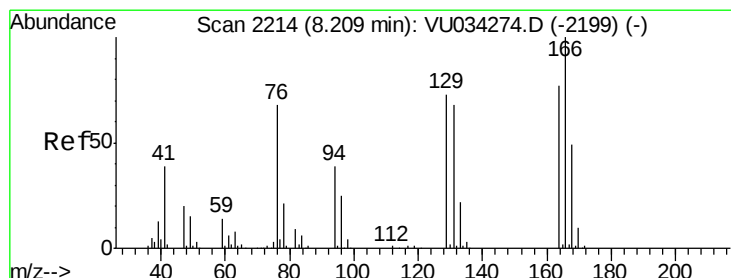
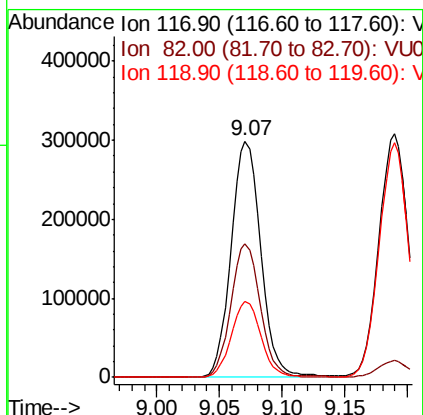
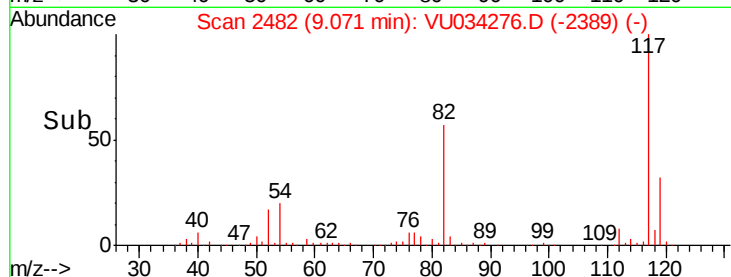
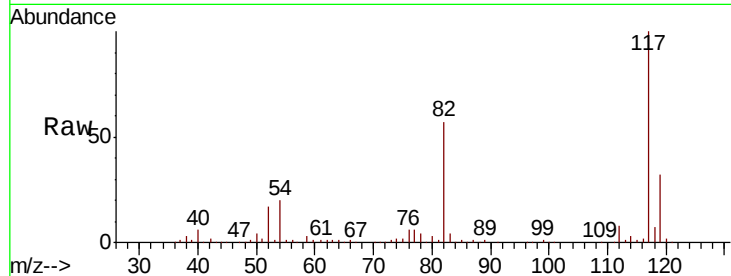




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

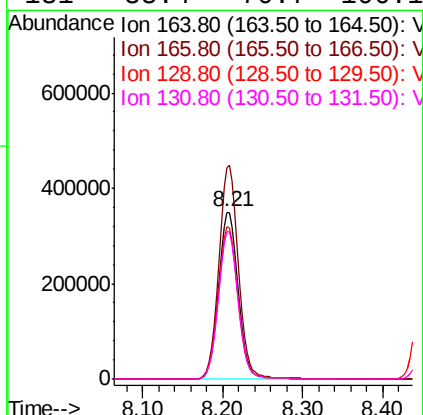
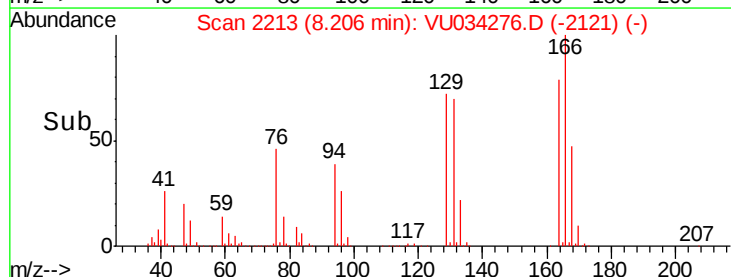
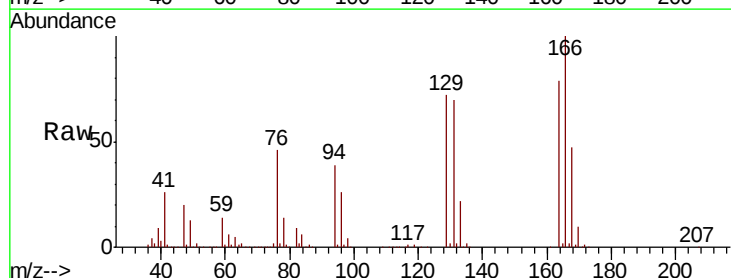
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

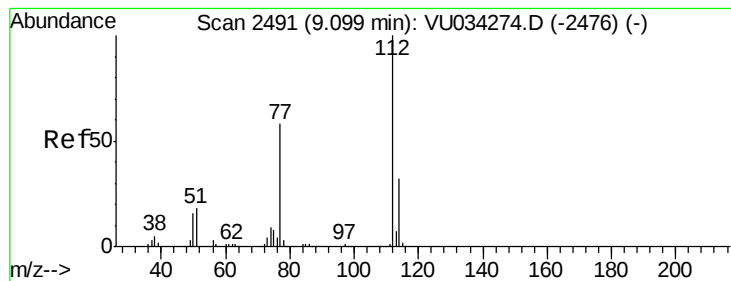
Tgt Ion:117 Resp: 494464
Ion Ratio Lower Upper
117 100
82 56.7 44.6 67.0
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 177.207 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Tgt Ion:164 Resp: 600756
Ion Ratio Lower Upper
164 100
166 126.9 103.7 155.5
129 91.5 75.8 113.8
131 88.4 70.7 106.1





#65

Chlorobenzene

Concen: 184.455 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

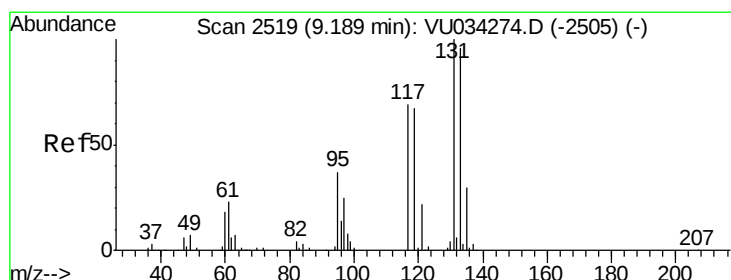
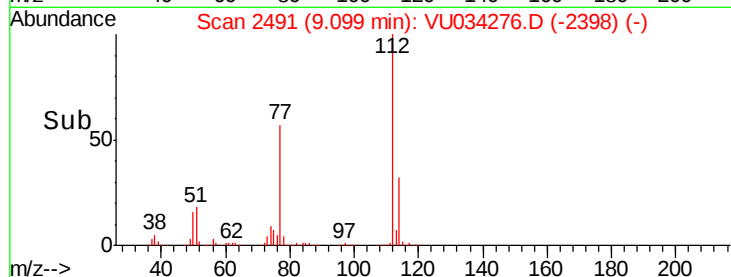
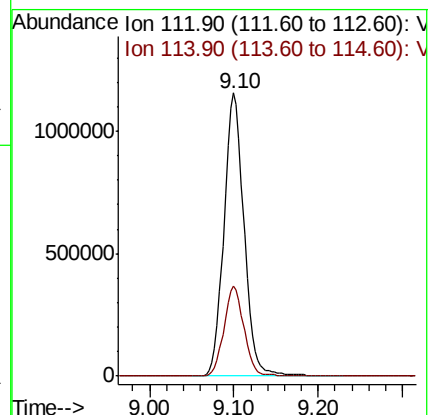
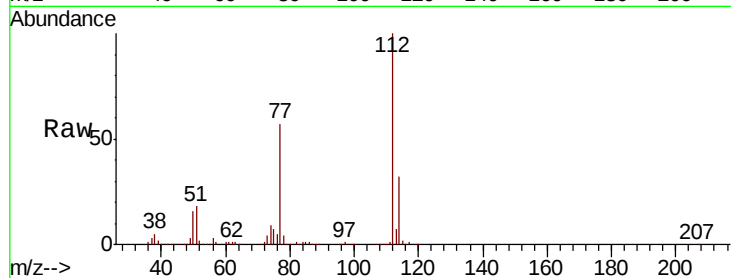
VSTDIC150

Tgt Ion:112 Resp: 1911076

Ion Ratio Lower Upper

112 100

114 31.8 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 194.126 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

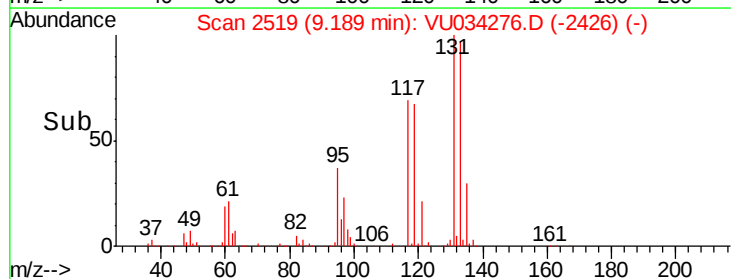
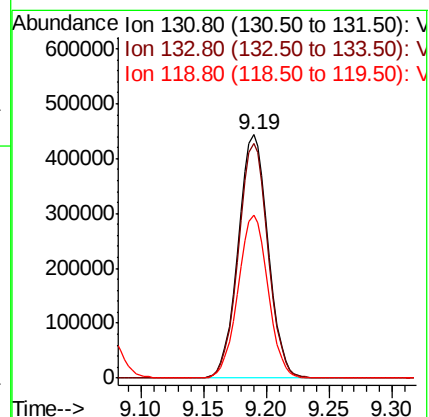
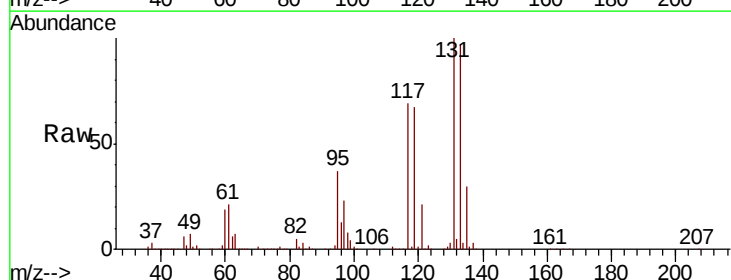
Tgt Ion:131 Resp: 734859

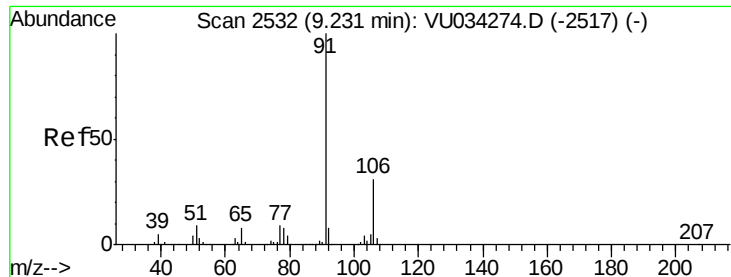
Ion Ratio Lower Upper

131 100

133 95.9 47.9 143.7

119 66.8 33.1 99.5

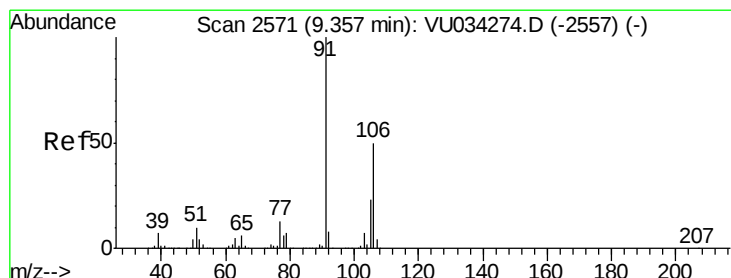
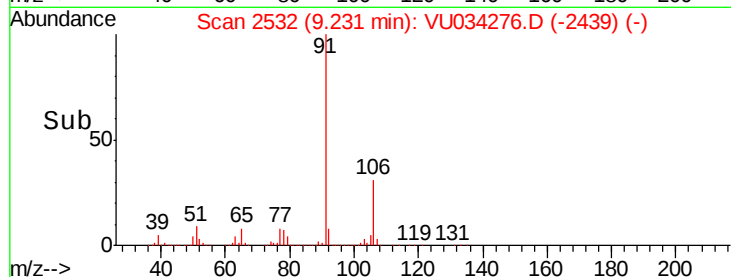
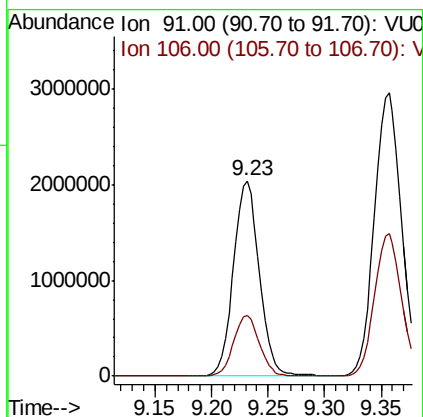
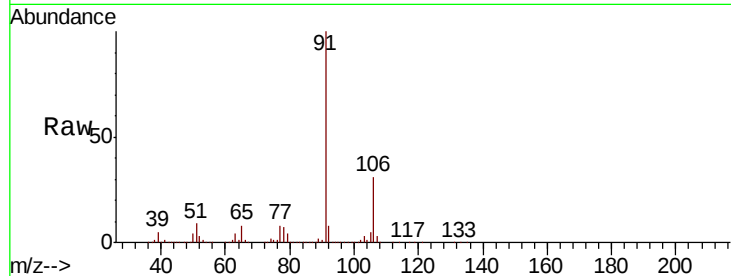




#67
Ethyl Benzene
Concen: 187.231 ug/l
RT: 9.23 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

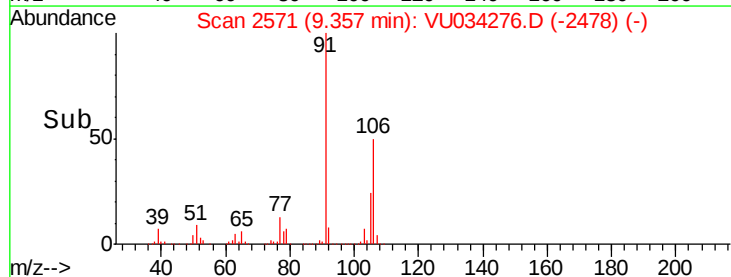
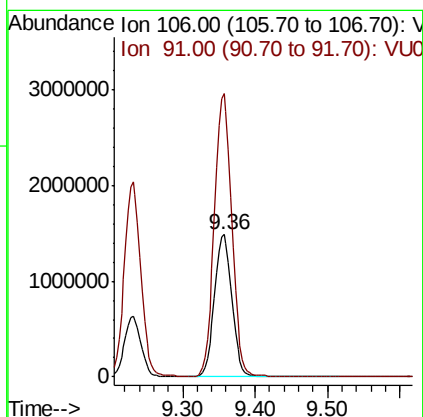
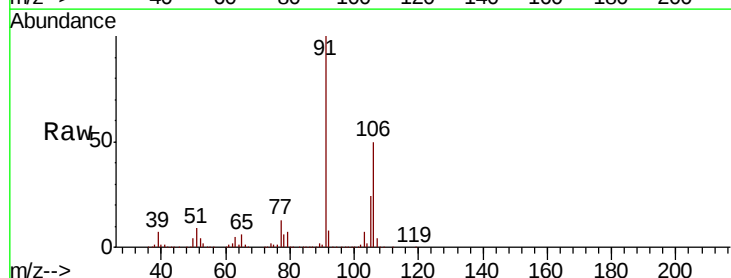
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

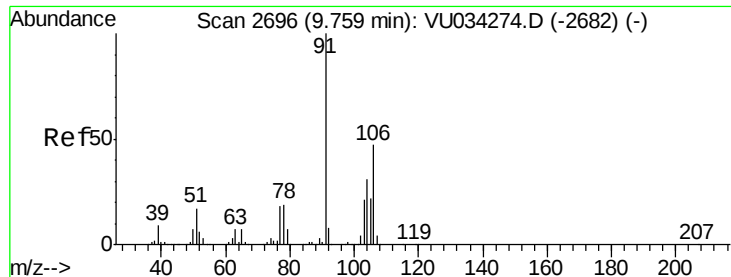
Tgt Ion: 91 Resp: 3264264
Ion Ratio Lower Upper
91 100
106 31.3 24.8 37.2



#68
m/p-Xylenes
Concen: 373.108 ug/l
RT: 9.36 min Scan# 2571
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Tgt Ion: 106 Resp: 2482536
Ion Ratio Lower Upper
106 100
91 199.4 160.1 240.1

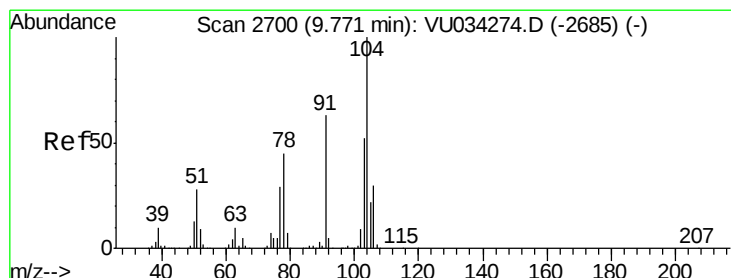
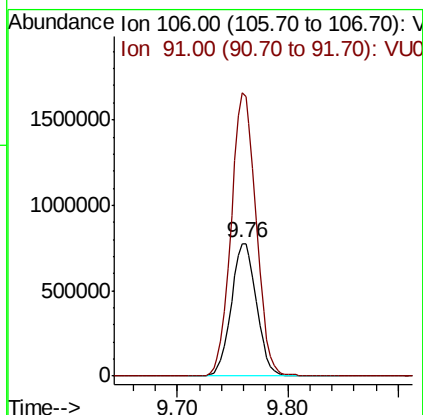
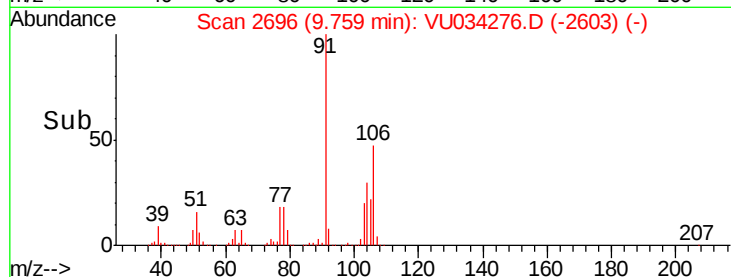
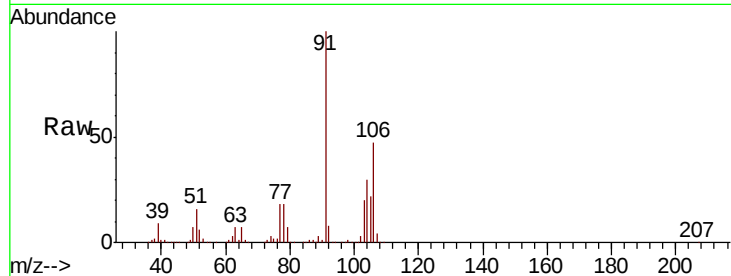




#69
o-Xylene
Concen: 193.248 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

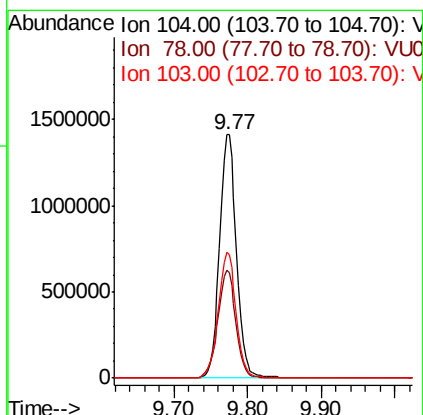
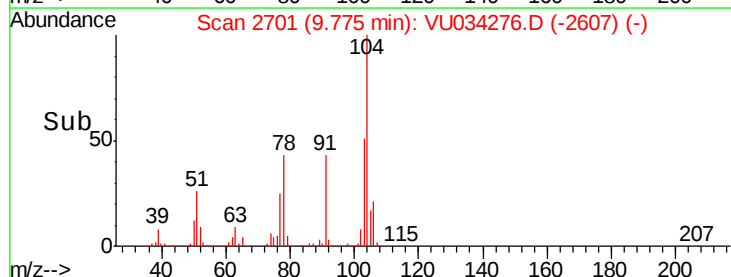
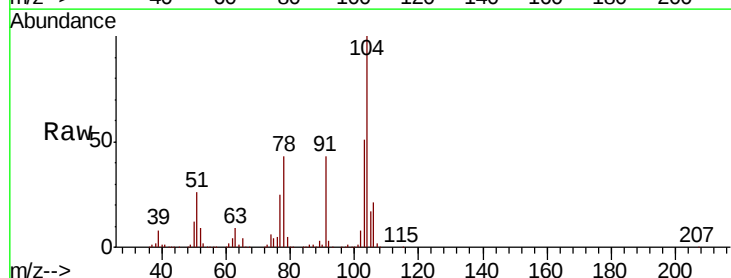
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

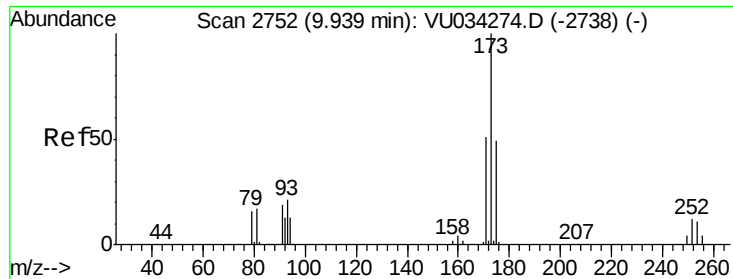
Tgt Ion:106 Resp: 1235038
Ion Ratio Lower Upper
106 100
91 211.3 105.1 315.3



#70
Styrene
Concen: 203.344 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Tgt Ion:104 Resp: 2240201
Ion Ratio Lower Upper
104 100
78 47.1 38.6 57.8
103 54.4 44.2 66.4





#71

Bromoform

Concen: 204.573 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

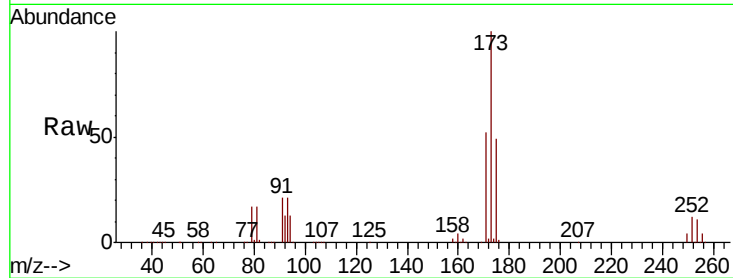
Tgt Ion:173 Resp: 675015

Ion Ratio Lower Upper

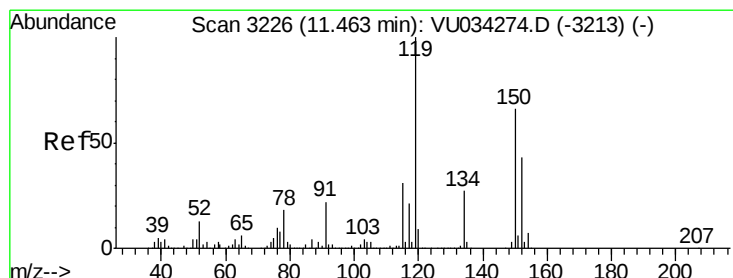
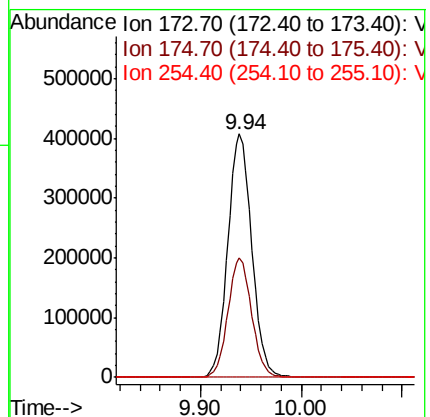
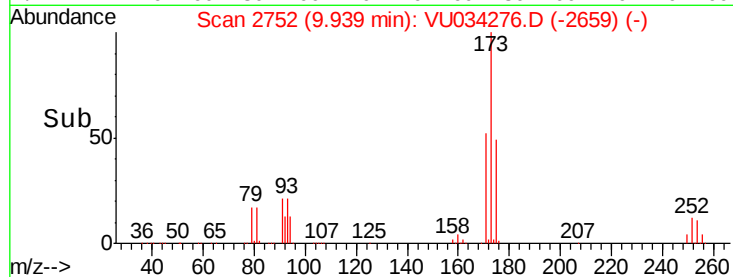
173 100

175 48.6 24.4 73.2

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

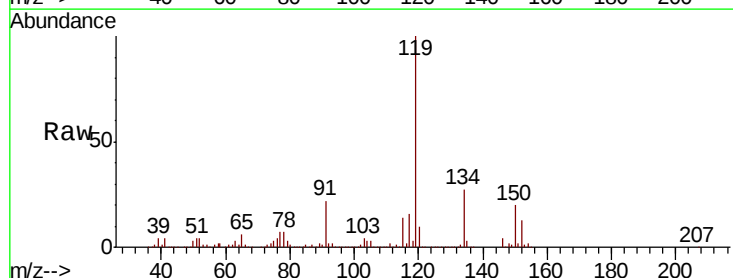
Tgt Ion:152 Resp: 324138

Ion Ratio Lower Upper

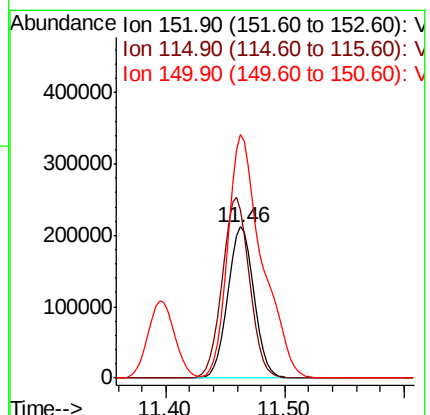
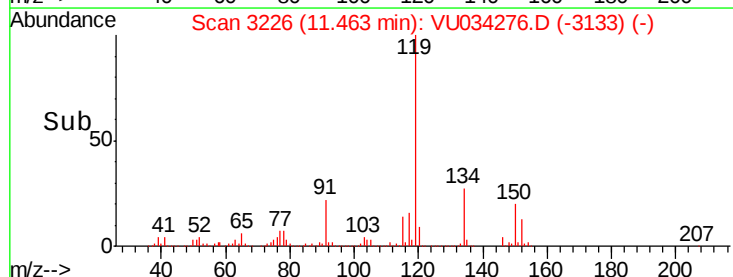
152 100

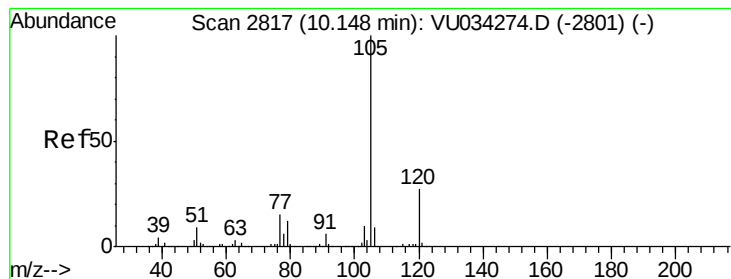
115 123.4 39.1 117.3#

150 208.4 0.0 345.4



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





#73

Isopropylbenzene

Concen: 159.280 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

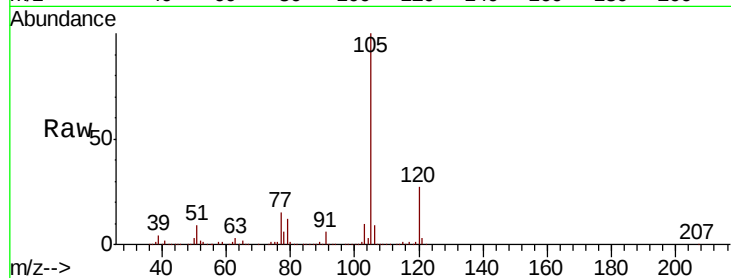
VSTDIC150

Tgt Ion:105 Resp: 3380884

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

1500000

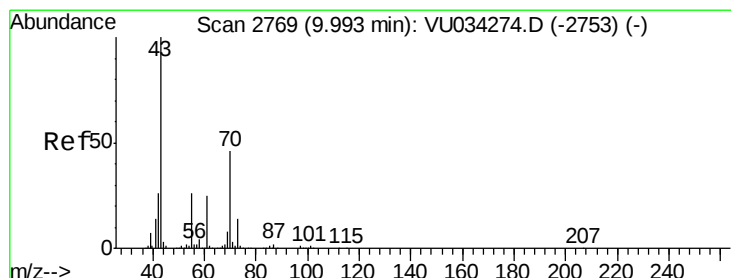
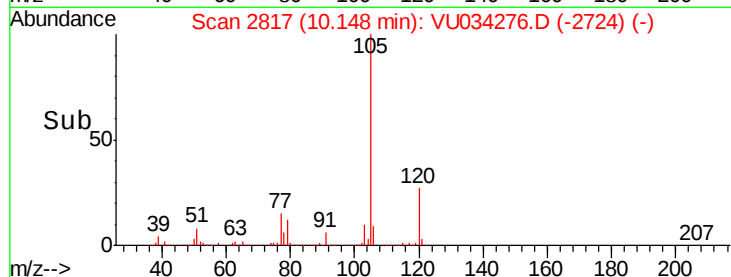
1000000

500000

0

10.10 10.15 10.20 10.30

Time-->



#74

N-ethyl acetate

Concen: 169.527 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Tgt Ion: 43 Resp: 1502009

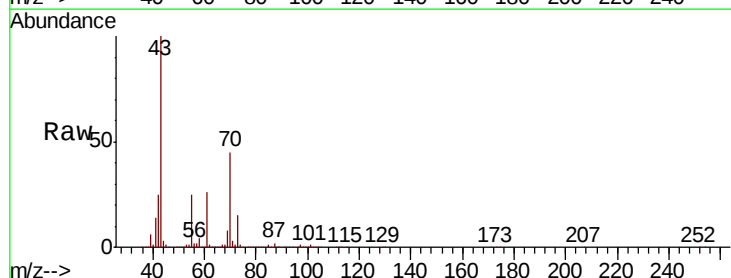
Ion Ratio Lower Upper

43 100

70 45.5 36.4 54.6

55 25.1 21.2 31.8

61 26.1 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

1500000

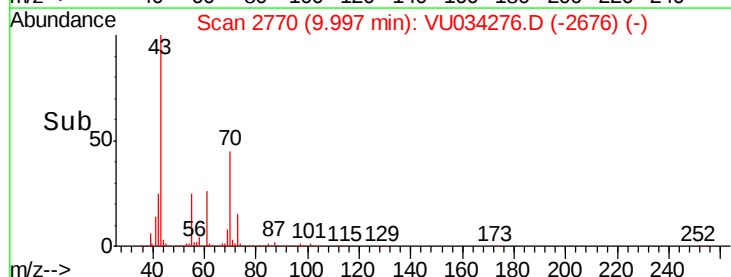
1000000

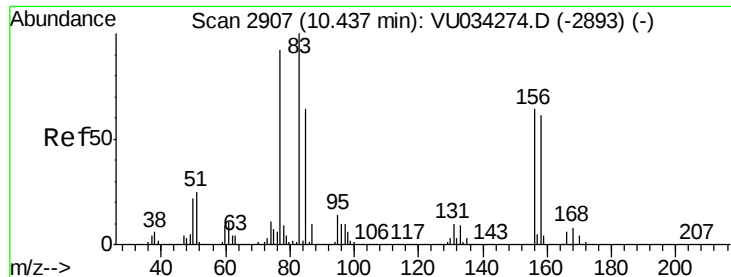
500000

0

9.90 10.00 10.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 148.645 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

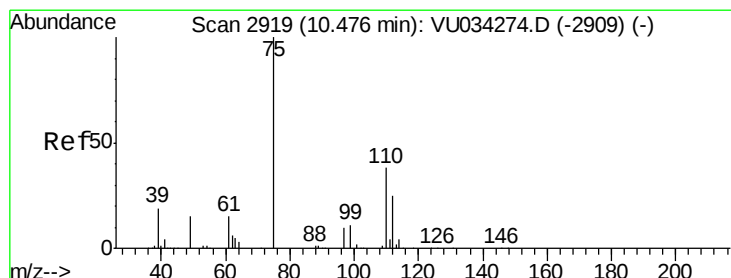
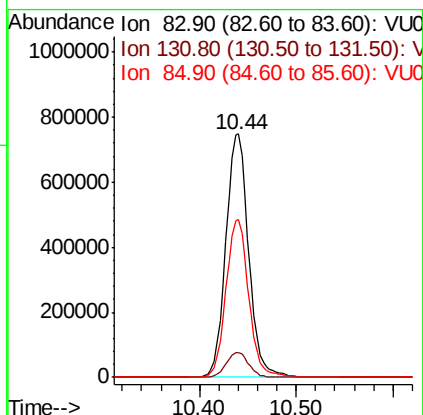
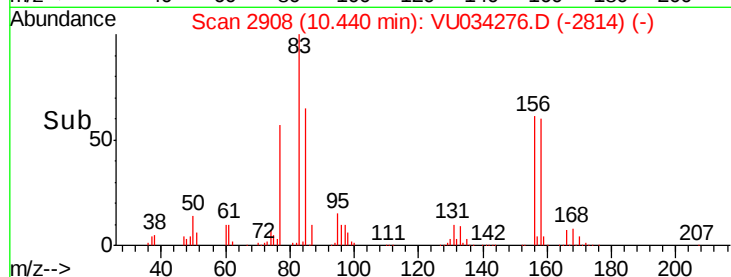
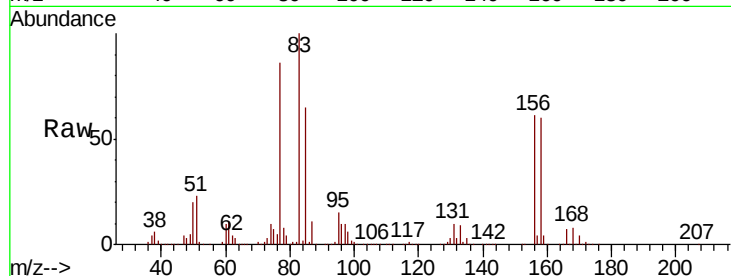
Tgt Ion: 83 Resp: 1221499

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 64.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 191.862 ug/l

RT: 10.48 min Scan# 2919

Delta R.T. 0.00 min

Lab File: VU034276.D

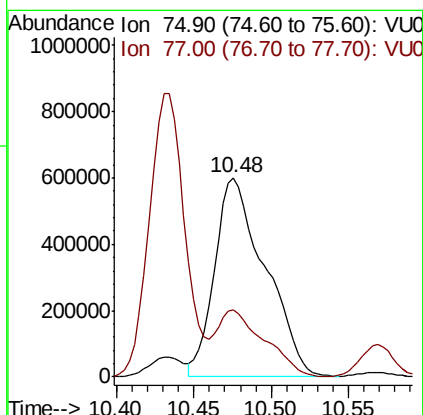
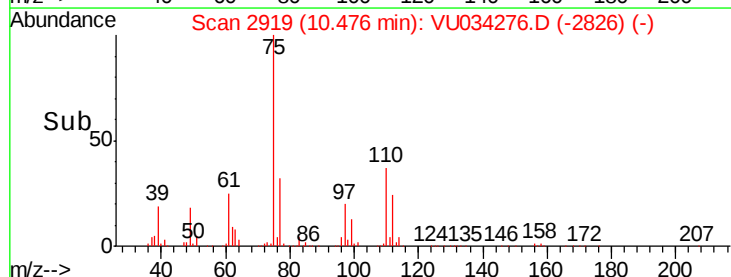
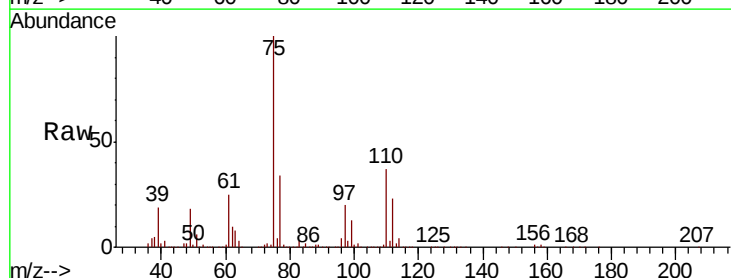
Acq: 05 Sep 2019 11:09

Tgt Ion: 75 Resp: 1356795

Ion Ratio Lower Upper

75 100

77 31.7 20.8 62.2





#77

Bromobenzene

Concen: 157.866 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

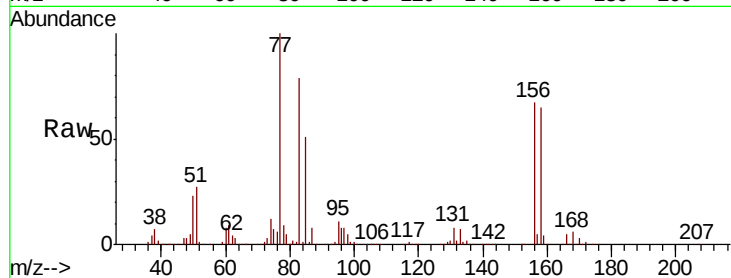
Tgt Ion:156 Resp: 909186

Ion Ratio Lower Upper

156 100

77 150.8 75.6 226.9

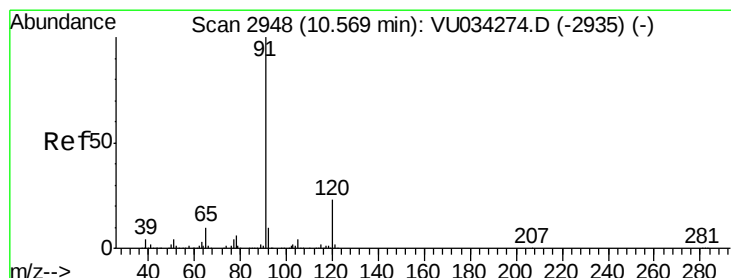
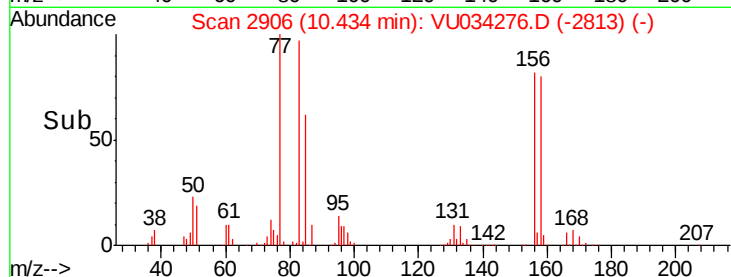
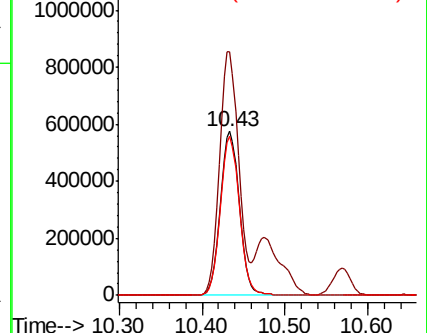
158 97.2 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 158.930 ug/l

RT: 10.57 min Scan# 2948

Delta R.T. 0.00 min

Lab File: VU034276.D

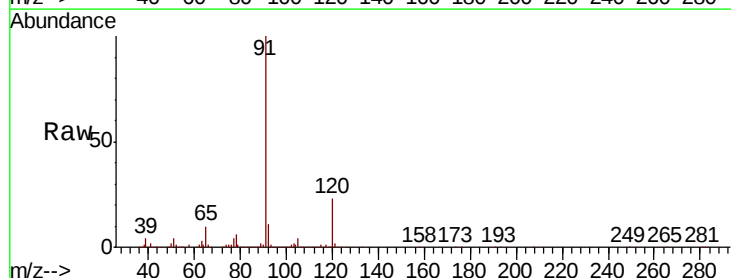
Acq: 05 Sep 2019 11:09

Tgt Ion: 91 Resp: 3931430

Ion Ratio Lower Upper

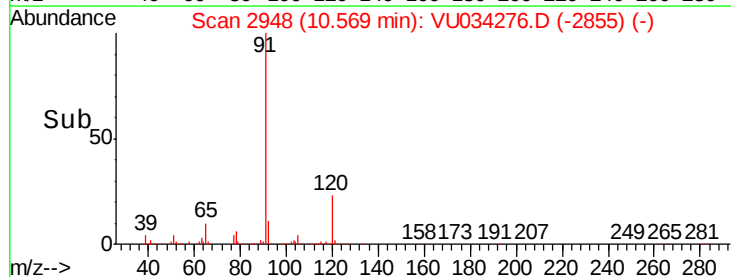
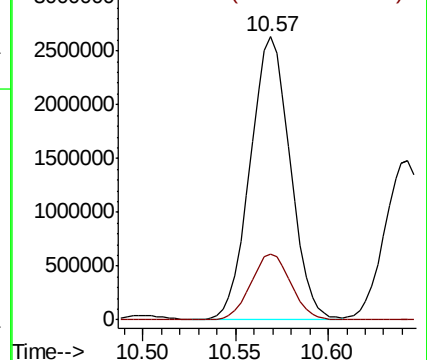
91 100

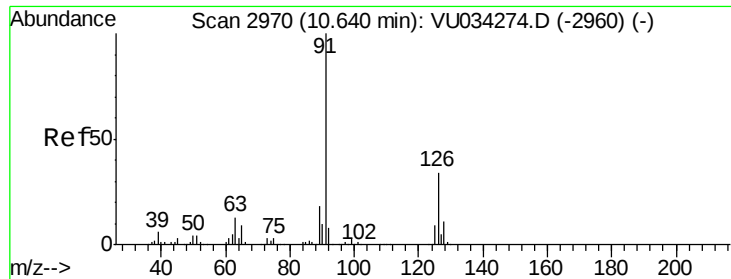
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

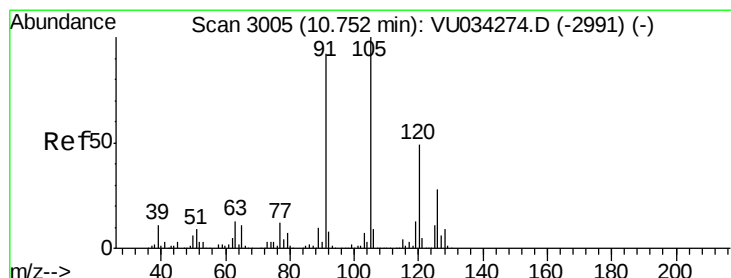
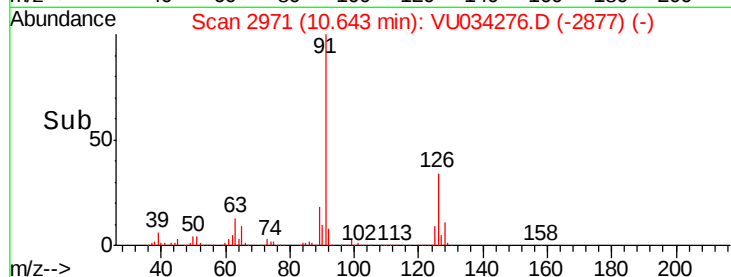
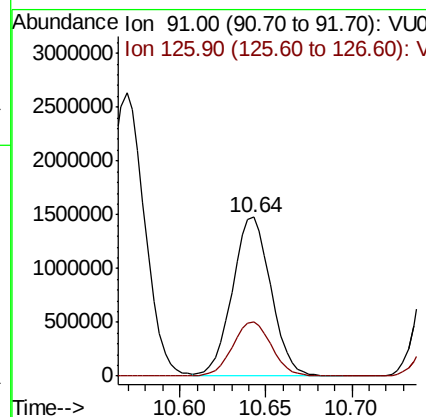
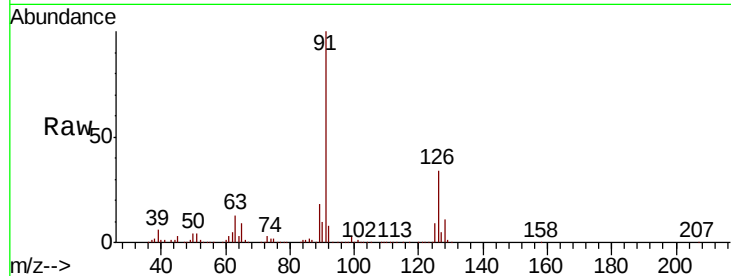




#79
 2-Chlorotoluene
 Concen: 155.089 ug/l
 RT: 10.64 min Scan# 2971
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

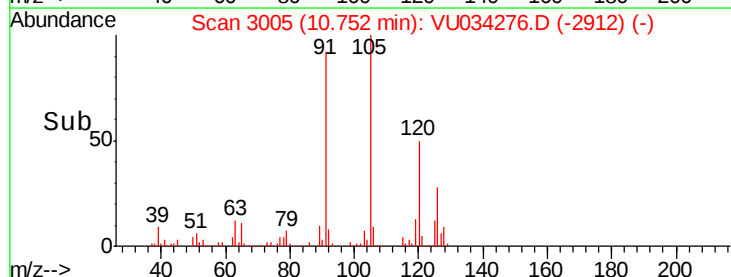
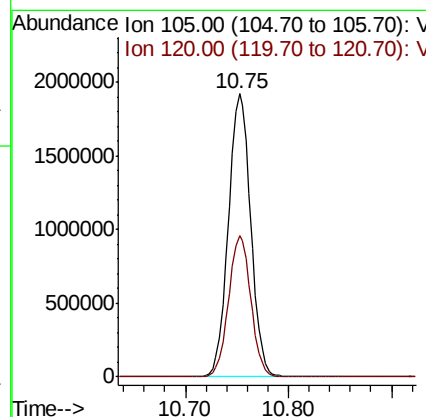
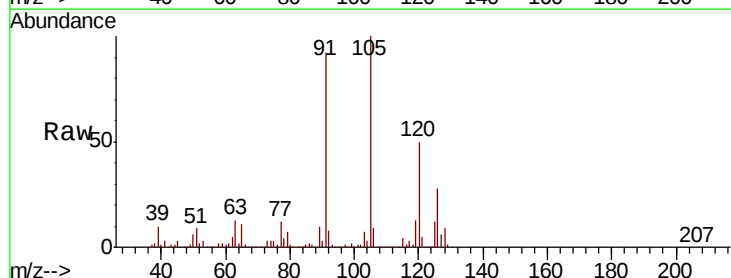
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

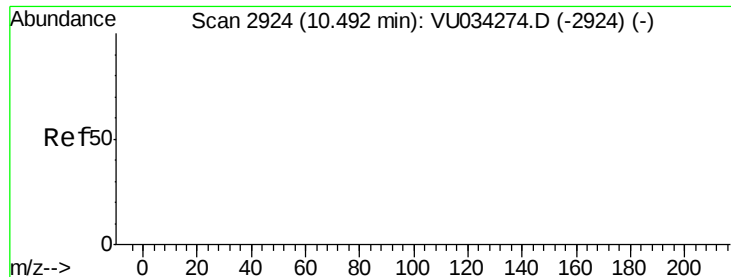
Tgt Ion: 91 Resp: 2304426
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 160.680 ug/l
 RT: 10.75 min Scan# 3005
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Tgt Ion: 105 Resp: 2891964
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.7

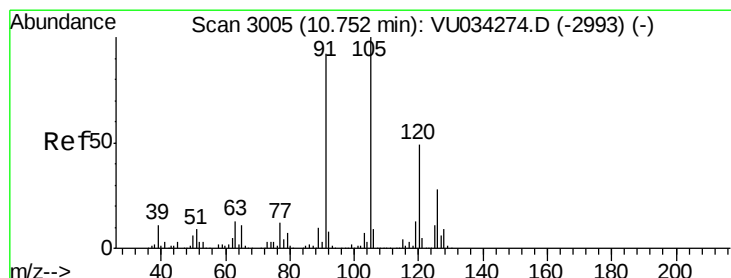
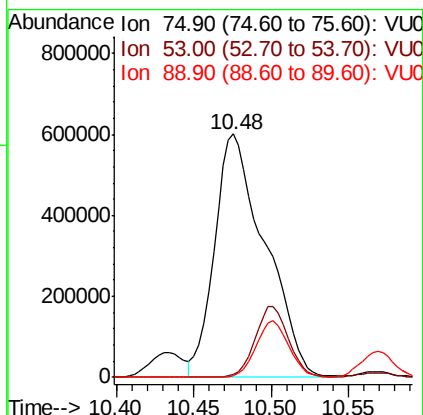
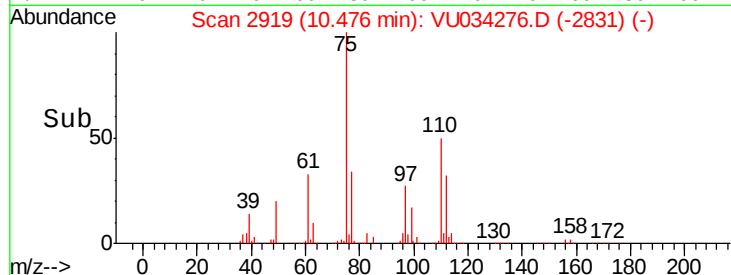
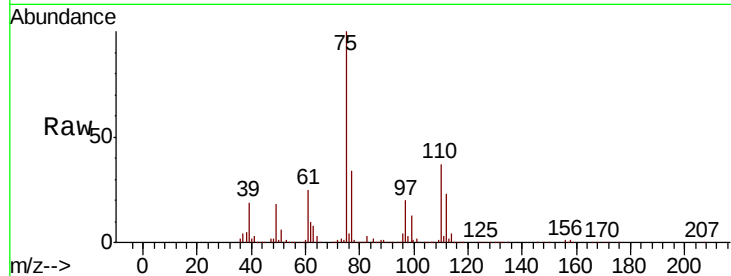




#81
trans-1,4-Dichloro-2-butene
Concen: 637.217 ug/l
RT: 10.48 min Scan# 2919
Delta R.T. -0.02 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

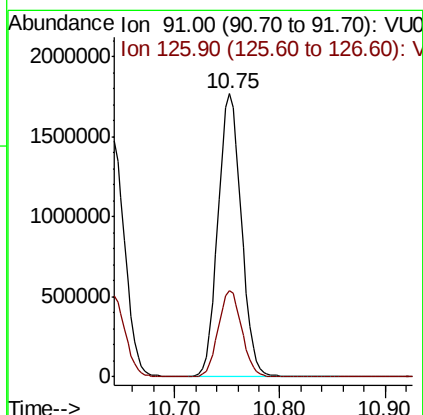
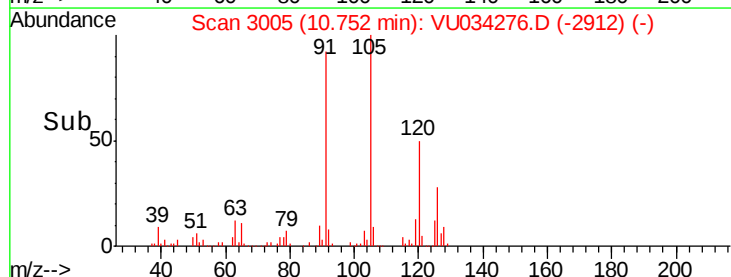
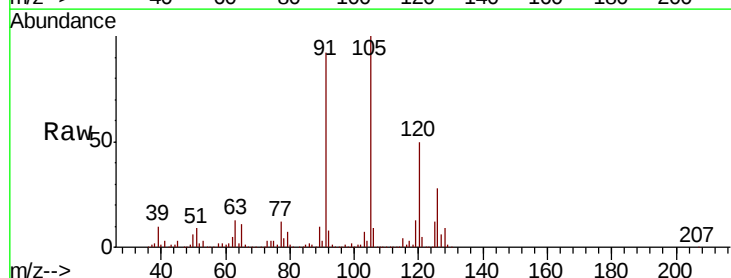
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

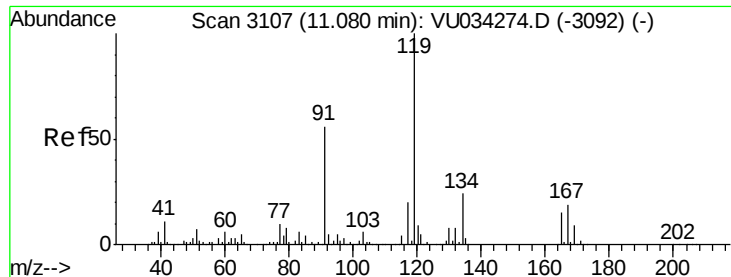
Tgt Ion: 75 Resp: 1360036
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 157.892 ug/l
RT: 10.75 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Tgt Ion: 91 Resp: 2705121
Ion Ratio Lower Upper
91 100
126 30.7 15.3 45.8

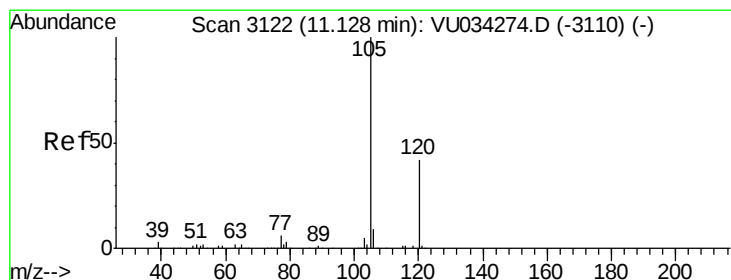
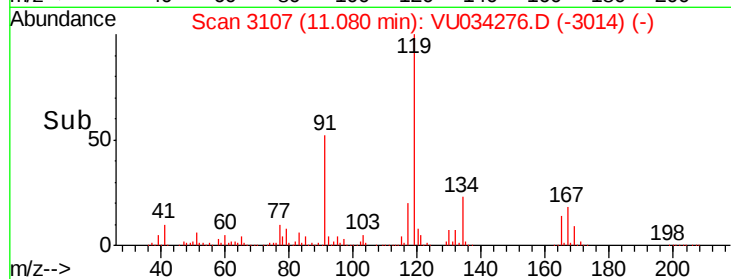
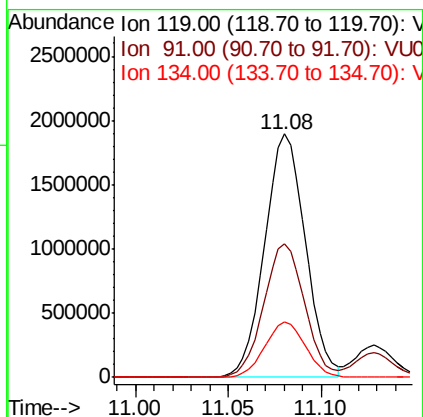
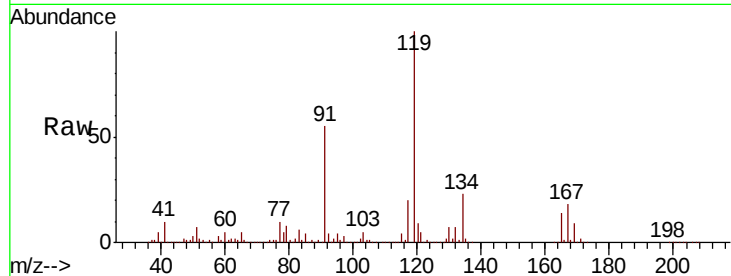




#83
 tert-Butylbenzene
 Concen: 163.212 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

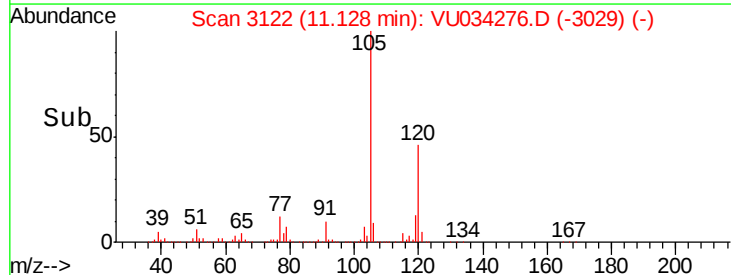
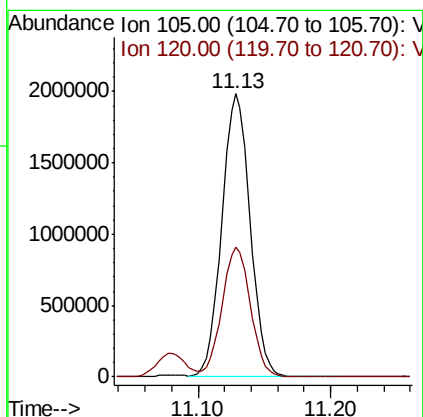
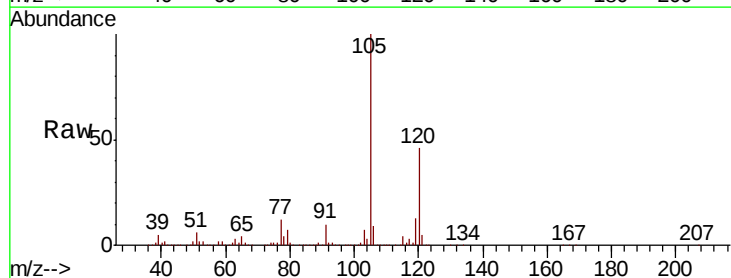
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

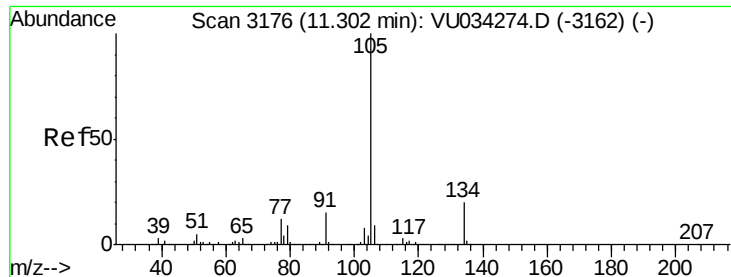
Tgt Ion:119 Resp: 2892921
 Ion Ratio Lower Upper
 119 100
 91 54.9 27.8 83.4
 134 22.8 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 164.027 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Tgt Ion:105 Resp: 2931900
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8

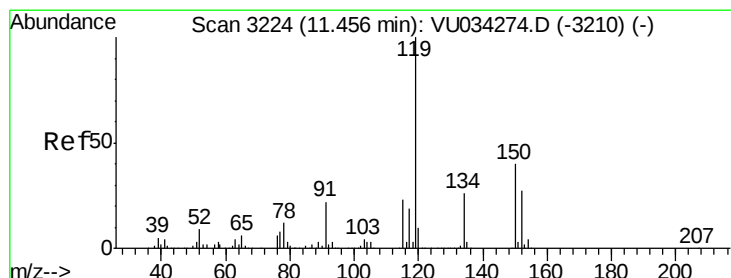
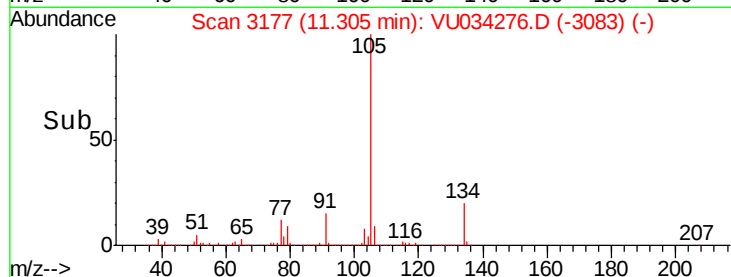
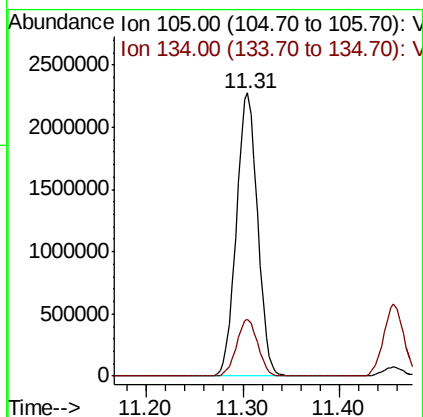
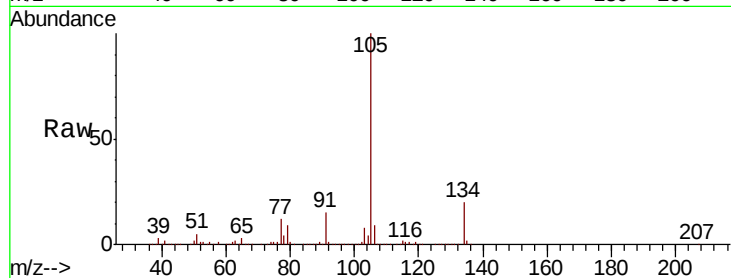




#85
 sec-Butylbenzene
 Concen: 162.429 ug/l
 RT: 11.31 min Scan# 3177
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

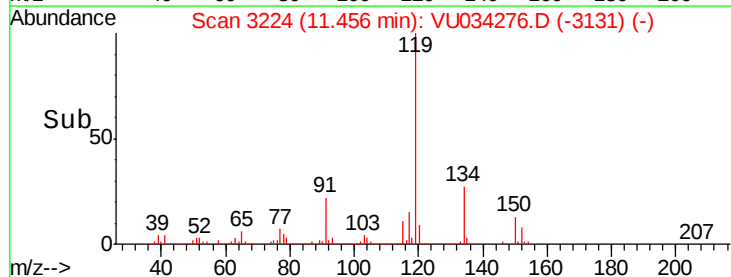
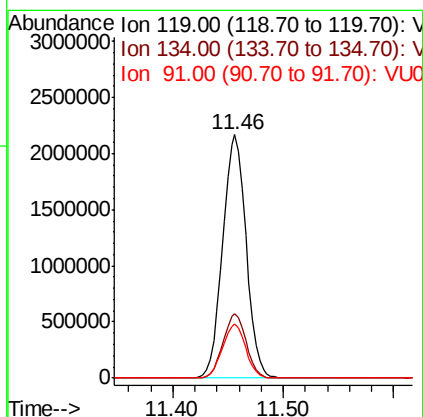
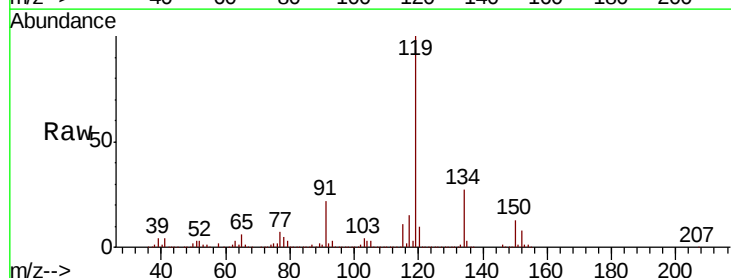
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

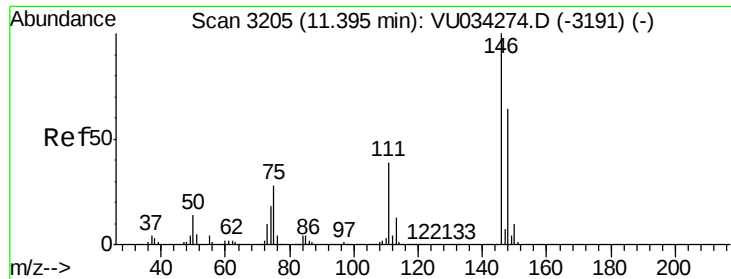
Tgt Ion:105 Resp: 3451631
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 165.783 ug/l
 RT: 11.46 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Tgt Ion:119 Resp: 3188919
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.0 11.2 33.6

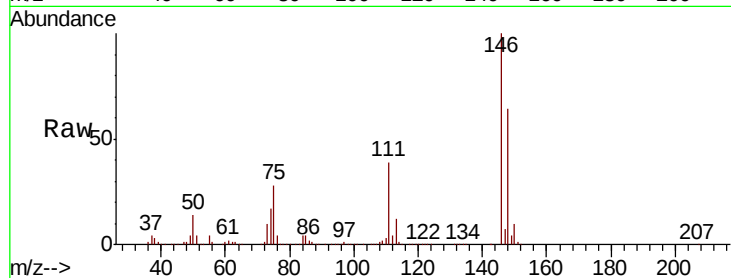




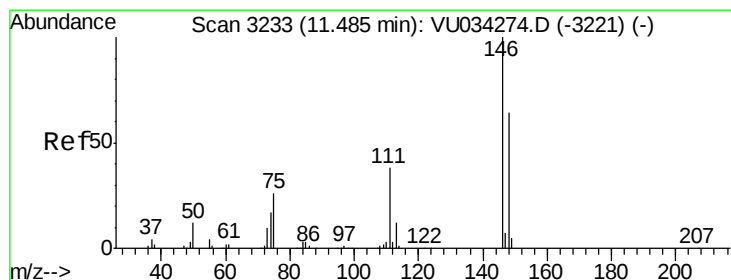
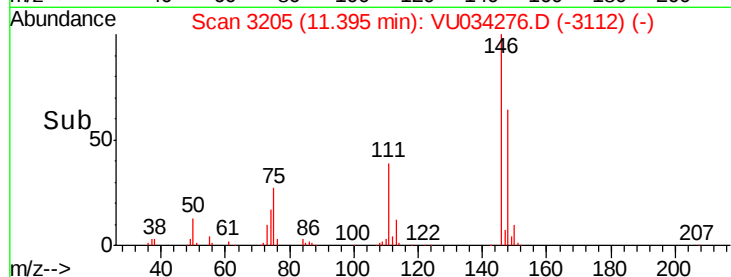
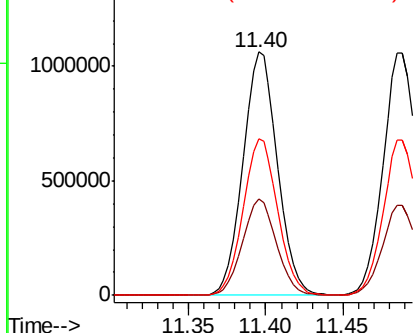
#87
 1,3-Dichlorobenzene
 Concen: 160.880 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 1646288
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.5 58.5
 148 64.5 32.1 96.3

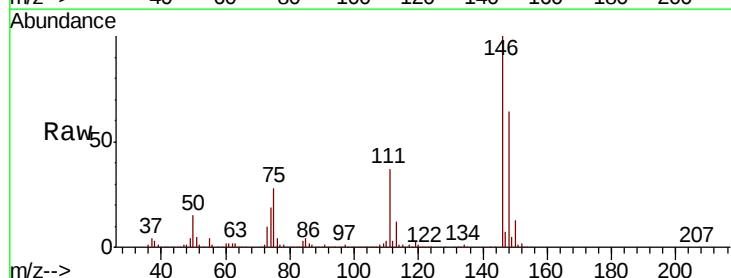


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

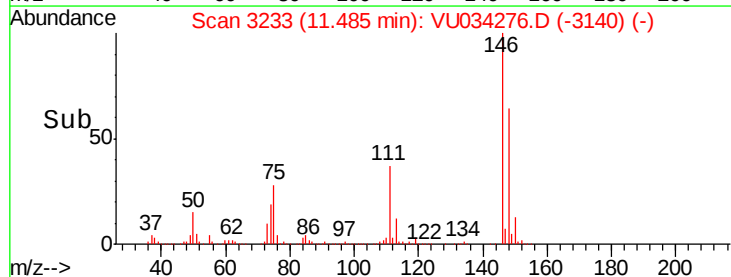
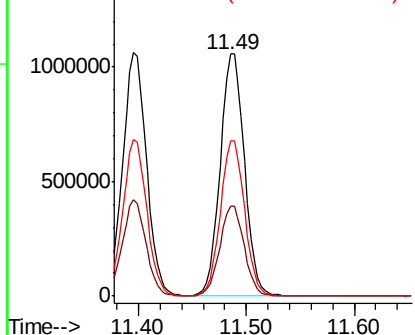


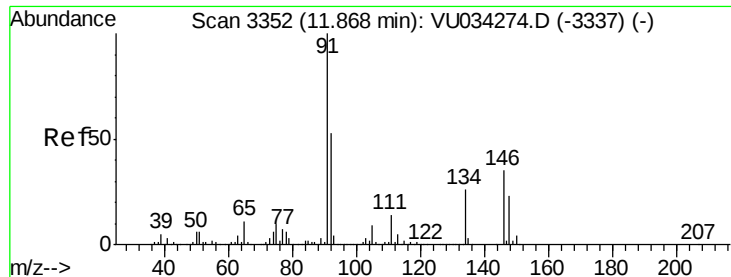
#88
 1,4-Dichlorobenzene
 Concen: 158.601 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. 0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Tgt Ion:146 Resp: 1646733
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.3
 148 64.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

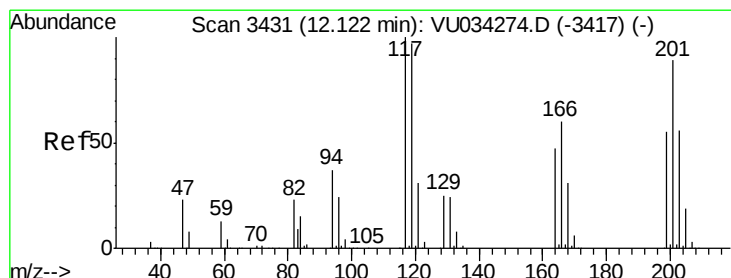
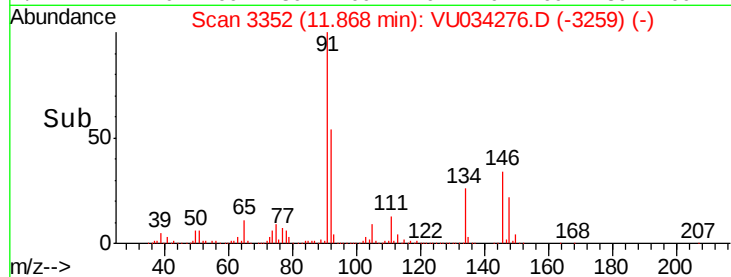
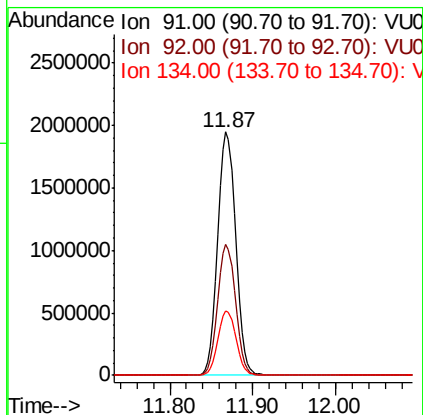
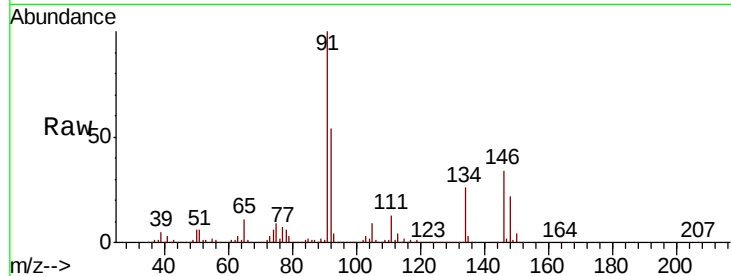




#89
n-Butylbenzene
Concen: 172.770 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

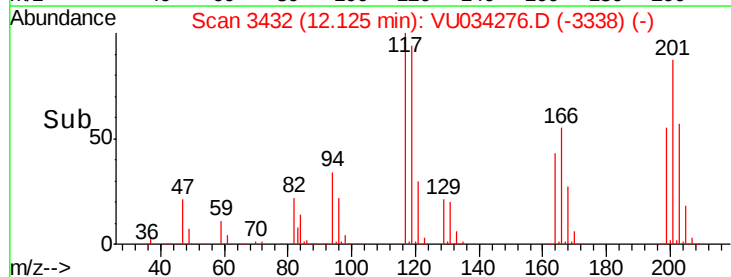
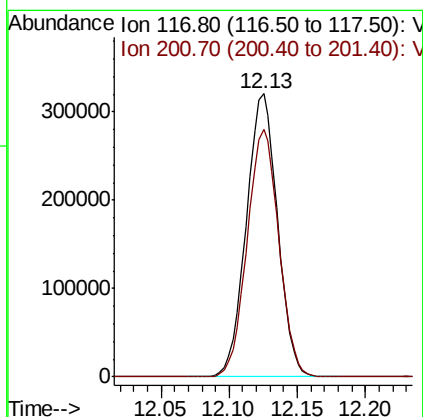
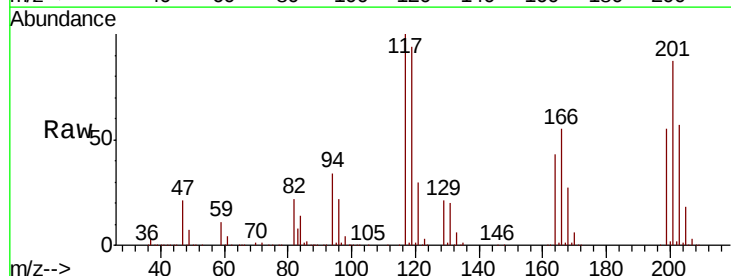
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

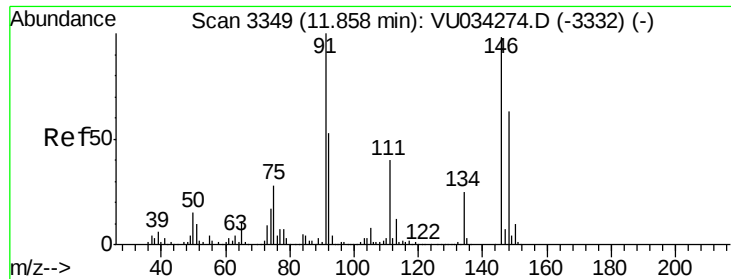
Tgt Ion: 91 Resp: 2925805
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.4
134 26.5 13.2 39.6



#90
Hexachloroethane
Concen: 155.186 ug/l
RT: 12.13 min Scan# 3432
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Tgt Ion: 117 Resp: 510439
Ion Ratio Lower Upper
117 100
201 88.3 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 163.714 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC150

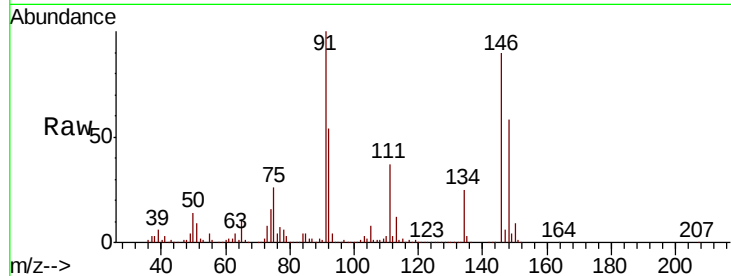
Tgt Ion:146 Resp: 1610241

Ion Ratio Lower Upper

146 100

111 40.5 20.0 60.0

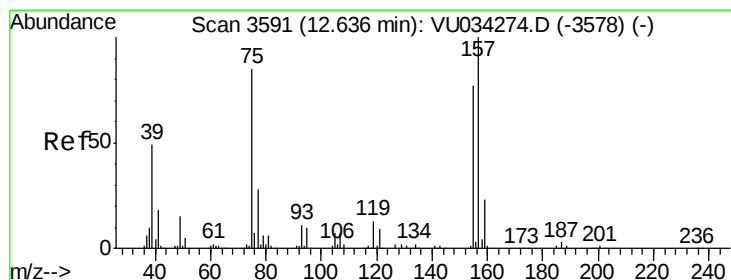
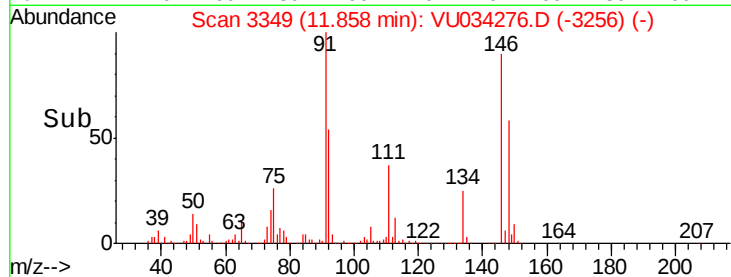
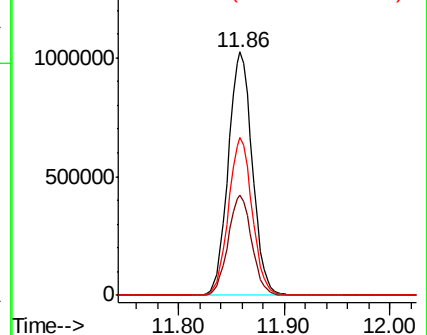
148 64.0 31.6 94.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 164.148 ug/l

RT: 12.64 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VU034276.D

Acq: 05 Sep 2019 11:09

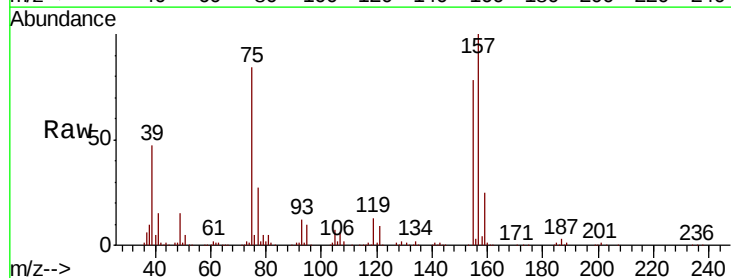
Tgt Ion: 75 Resp: 267131

Ion Ratio Lower Upper

75 100

155 93.5 44.6 134.0

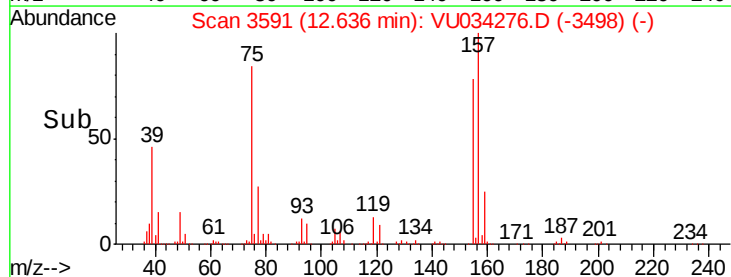
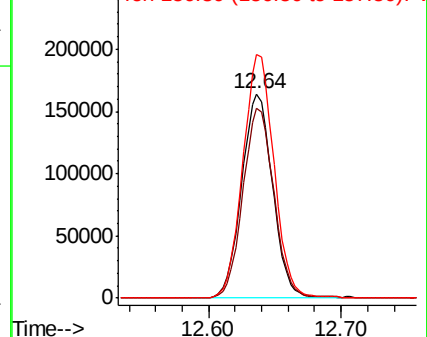
157 119.7 58.2 174.6

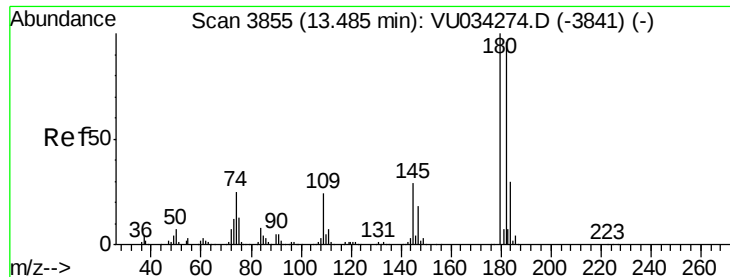


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

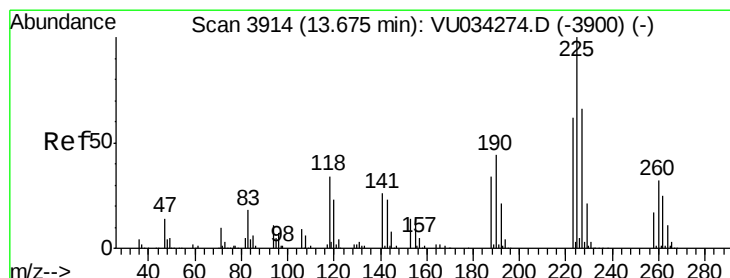
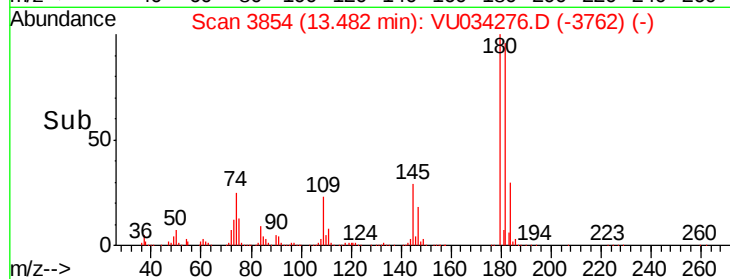
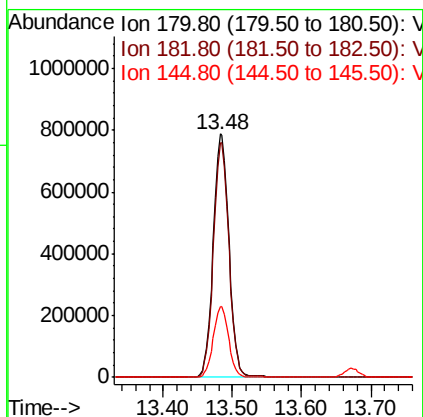
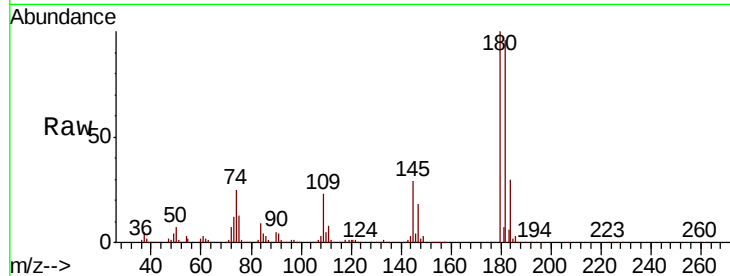




#93
 1,2,4-Trichlorobenzene
 Concen: 206.107 ug/l
 RT: 13.48 min Scan# 3854
 Delta R.T. -0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

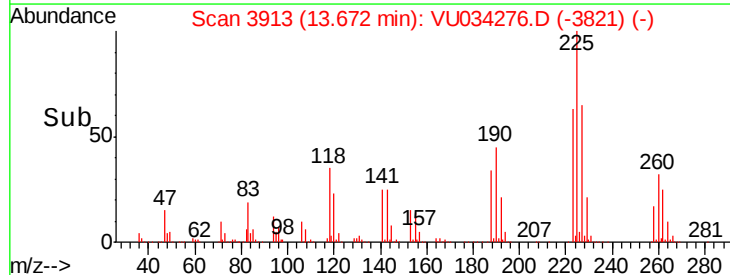
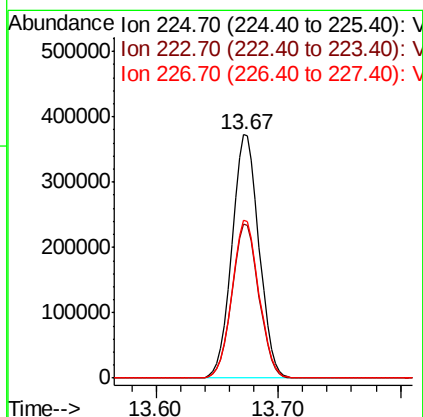
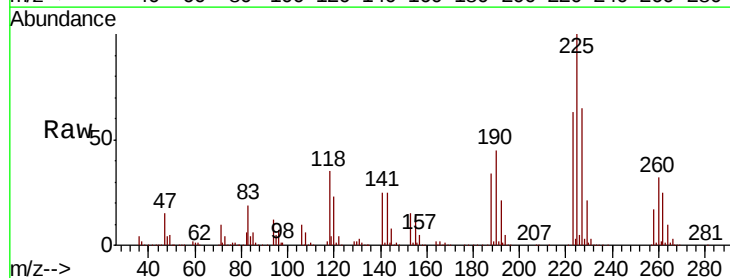
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC150

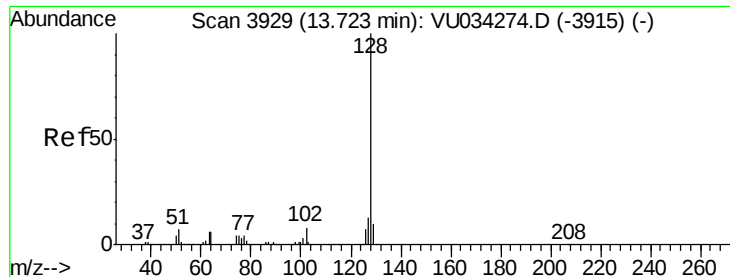
Tgt Ion:180 Resp: 1239008
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.9 143.8
 145 28.6 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 151.882 ug/l
 RT: 13.67 min Scan# 3913
 Delta R.T. -0.00 min
 Lab File: VU034276.D
 Acq: 05 Sep 2019 11:09

Tgt Ion:225 Resp: 573788
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.6 94.7
 227 64.5 32.3 96.8

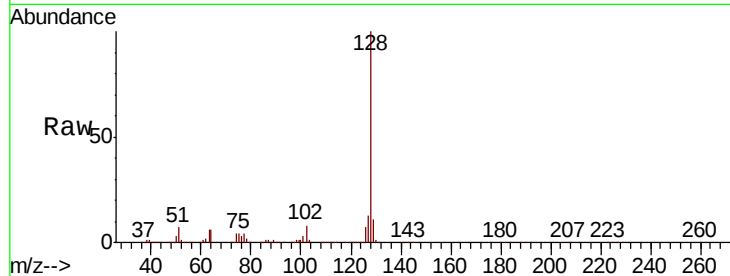




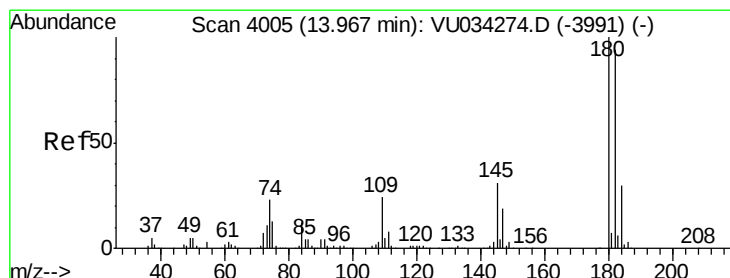
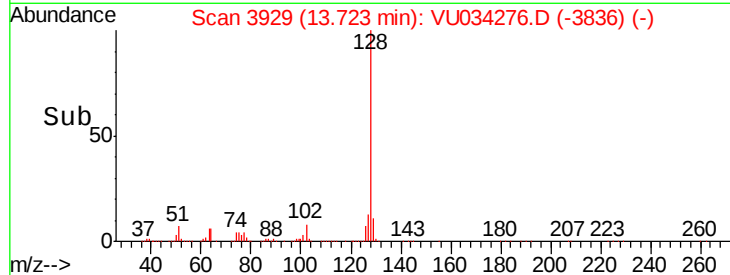
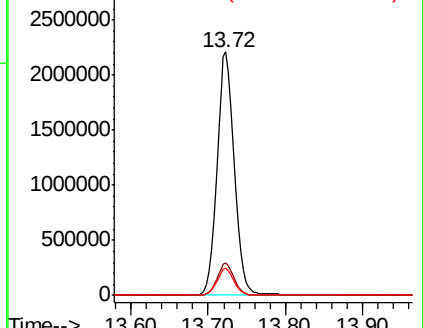
#95
Naphthalene
Concen: 212.106 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 3517685
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 8.4 12.6

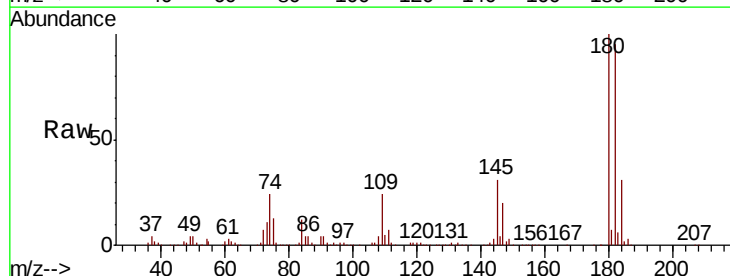


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 186.912 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. 0.00 min
Lab File: VU034276.D
Acq: 05 Sep 2019 11:09

Tgt Ion:180 Resp: 1179555
Ion Ratio Lower Upper
180 100
182 95.6 48.4 145.0
145 30.4 15.4 46.4



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

