

Data File : VU034283.D
Acq On : 05 Sep 2019 14:59
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 06 07:34:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	320414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	480964	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	467964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	309577	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	239853	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	4.86	113	206816	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
50) Toluene-d8	7.54	98	823913	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	10.29	95	311117	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	154722	46.171	ug/l	98
3) Chloromethane	1.32	50	182229	50.334	ug/l	98
4) Vinyl Chloride	1.40	62	195736	46.874	ug/l	100
5) Bromomethane	1.61	94	111643	52.927	ug/l	100
6) Chloroethane	1.68	64	122689	50.561	ug/l	99
7) Trichlorofluoromethane	1.87	101	261536	46.711	ug/l	98
8) Diethyl Ether	2.09	74	119570	48.549	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.27	101	174420	47.034	ug/l	100
10) Methyl Iodide	2.40	142	147744	44.043	ug/l	100
11) Tert butyl alcohol	2.81	59	274383	267.900	ug/l	100
12) 1,1-Dichloroethene	2.27	96	167505	48.049	ug/l	97
13) Acrolein	2.18	56	176355	204.867	ug/l	100
14) Allyl chloride	2.58	41	284978	42.759	ug/l	91
15) Acrylonitrile	2.92	53	662415	259.721	ug/l	99
16) Acetone	2.31	43	560560	223.438	ug/l	99
17) Carbon Disulfide	2.46	76	352756	45.023	ug/l	99
18) Methyl Acetate	2.60	43	290523	47.591	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	654548	51.512	ug/l	99
20) Methylene Chloride	2.68	84	211376	51.451	ug/l	98
21) trans-1,2-Dichloroethene	2.96	96	177355	48.277	ug/l	98
22) Diisopropyl ether	3.55	45	671315	51.650	ug/l	99
23) Vinyl Acetate	3.50	43	2823398	266.683	ug/l	99
24) 1,1-Dichloroethane	3.42	63	372499	47.991	ug/l	99
25) 2-Butanone	4.24	43	876805	261.818	ug/l	100
26) 2,2-Dichloropropane	4.20	77	298465	47.810	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	222494	49.866	ug/l	99
28) Bromochloromethane	4.52	49	164895	46.187	ug/l	99
29) Tetrahydrofuran	4.61	42	545696	267.783	ug/l	100
30) Chloroform	4.65	83	369602	46.846	ug/l	98
31) Cyclohexane	4.97	56	274611	48.360	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	306691	48.619	ug/l	99
36) 1,1-Dichloropropene	5.12	75	244795	46.931	ug/l	100
37) Ethyl Acetate	4.36	43	308806	50.073	ug/l	99
38) Carbon Tetrachloride	5.11	117	259129	46.527	ug/l	97

Data File : VU034283.D
Acq On : 05 Sep 2019 14:59
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleID :
VSTDCCC050EC

Quant Time: Sep 06 07:34:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	273487	49.047	ug/l	99
40) Benzene	5.37	78	803356	47.730	ug/l	99
41) Methacrylonitrile	4.52	41	170816	51.999	ug/l	99
42) 1,2-Dichloroethane	5.38	62	274433	46.963	ug/l	100
43) Isopropyl Acetate	5.53	43	485815	50.497	ug/l	99
44) Trichloroethene	6.16	130	215516	46.273	ug/l	96
45) 1,2-Dichloropropane	6.41	63	233410	47.437	ug/l	99
46) Dibromomethane	6.54	93	146156	47.321	ug/l	100
47) Bromodichloromethane	6.74	83	301105	47.362	ug/l	100
48) Methyl methacrylate	6.60	41	229293	50.180	ug/l	99
49) 1,4-Dioxane	6.59	88	110451	1106.950	ug/l	97
51) 4-Methyl-2-Pentanone	7.44	43	1663310	249.769	ug/l	99
52) Toluene	7.62	92	509205	48.228	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	327543	49.700	ug/l	98
54) cis-1,3-Dichloropropene	7.25	75	361290	49.949	ug/l	100
55) 1,1,2-Trichloroethane	8.04	97	229414	47.852	ug/l	99
56) Ethyl methacrylate	8.00	69	346490	47.719	ug/l	99
57) 1,3-Dichloropropane	8.22	76	375650	48.119	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	656793	265.428	ug/l	100
59) 2-Hexanone	8.34	43	1286272	258.552	ug/l	100
60) Dibromochloromethane	8.46	129	247108	48.054	ug/l	98
61) 1,2-Dibromoethane	8.57	107	226638	48.298	ug/l	99
64) Tetrachloroethene	8.21	164	189029	46.561	ug/l	97
65) Chlorobenzene	9.10	112	587445	49.480	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	217898	48.091	ug/l	99
67) Ethyl Benzene	9.23	91	998460	51.435	ug/l	99
68) m/p-Xylenes	9.35	106	767620	105.012	ug/l	100
69) o-Xylene	9.76	106	374560	52.395	ug/l	100
70) Styrene	9.77	104	674392	53.807	ug/l	99
71) Bromoform	9.94	173	195876	49.882	ug/l #	100
73) Isopropylbenzene	10.15	105	1026939	50.973	ug/l	100
74) N-amyl acetate	9.99	43	450456	55.546	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	390014	47.826	ug/l	99
76) 1,2,3-Trichloropropane	10.47	75	433117	64.094	ug/l	84
77) Bromobenzene	10.43	156	279896	49.687	ug/l	100
78) n-propylbenzene	10.57	91	1200821	51.610	ug/l	100
79) 2-Chlorotoluene	10.64	91	707297	49.821	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	899386	53.378	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.47	75	433117	215.544	ug/l #	100
82) 4-Chlorotoluene	10.75	91	831529	50.897	ug/l	100
83) tert-Butylbenzene	11.08	119	876908	52.024	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	901995	53.181	ug/l	99
85) sec-Butylbenzene	11.30	105	1049531	52.742	ug/l	99
86) p-Isopropyltoluene	11.45	119	972067	52.925	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	508810	49.498	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	506652	47.255	ug/l	100
89) n-Butylbenzene	11.87	91	878206	55.021	ug/l	99
90) Hexachloroethane	12.12	117	149899	51.012	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	501758	49.667	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	81049	54.086	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090619\
Quantitation Report (Not Reviewed)

Data File : VU034283.D
Acq On : 05 Sep 2019 14:59
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

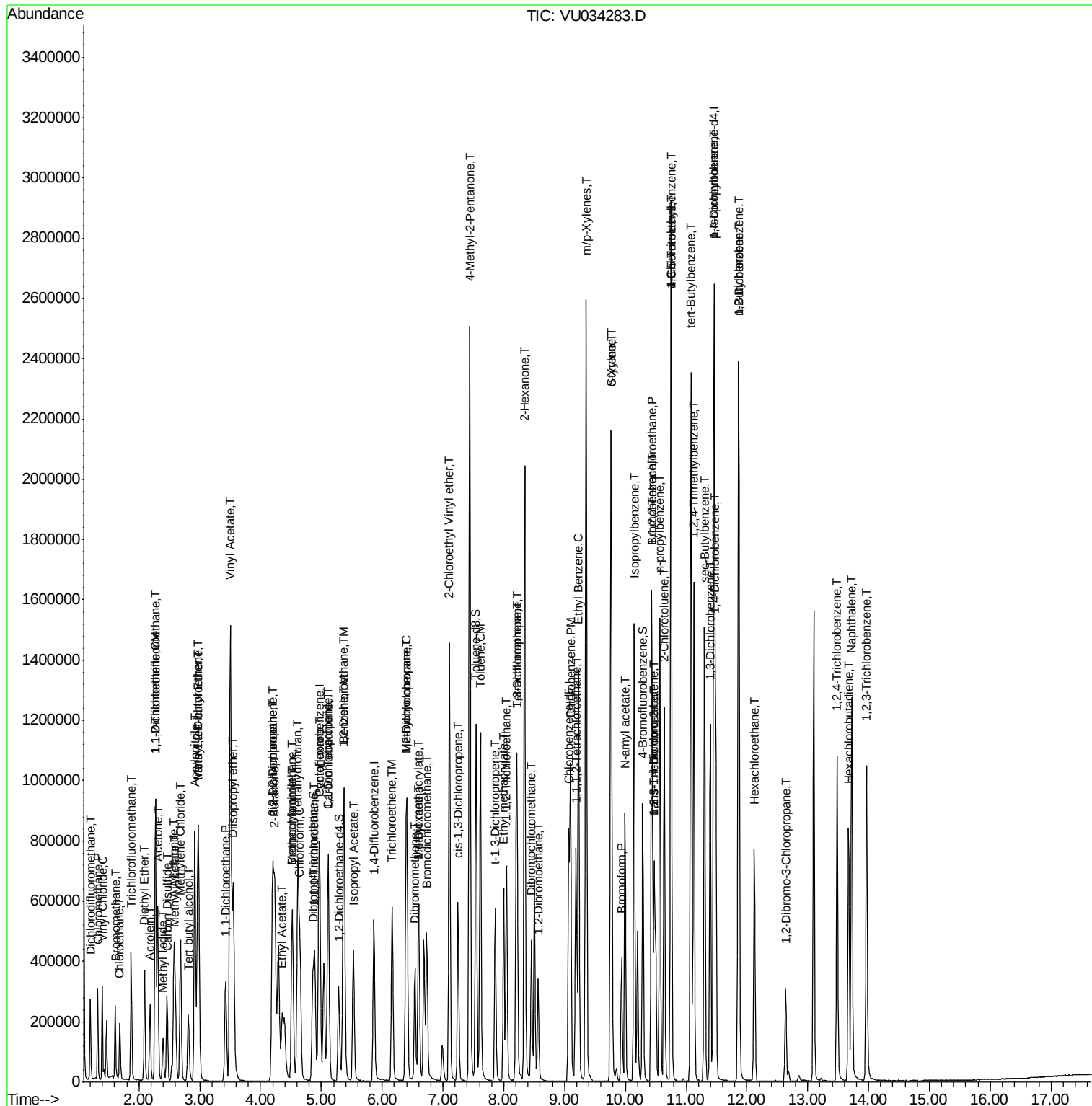
Quant Time: Sep 06 07:34:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration

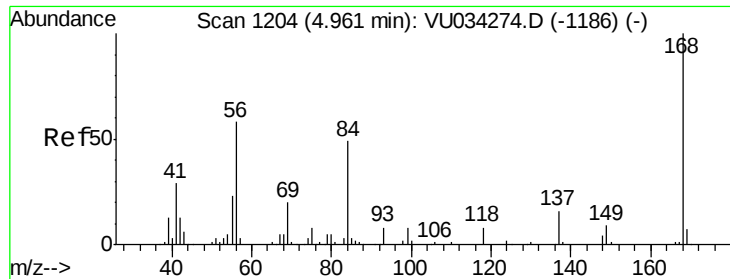
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	367946	50.204	ug/l	100
94) Hexachlorobutadiene	13.67	225	171436	48.513	ug/l	99
95) Naphthalene	13.72	128	1057888	51.171	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	364197	51.386	ug/l	100

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

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Quant Time: Sep 06 07:34:57 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

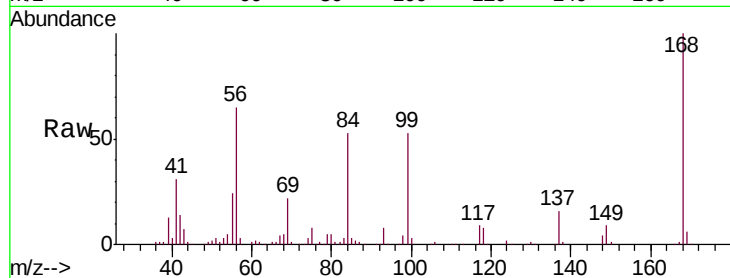
VSTDCCC050EC

Tgt Ion:168 Resp: 320414

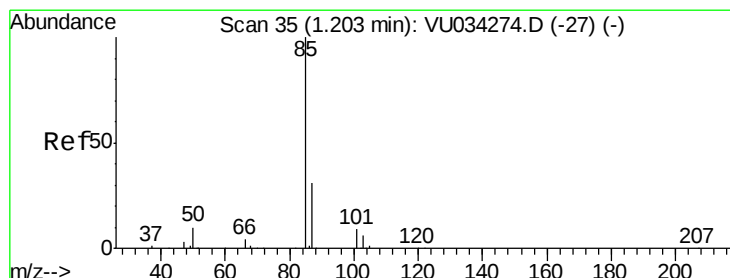
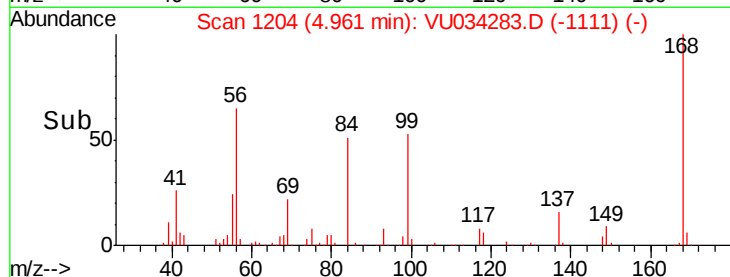
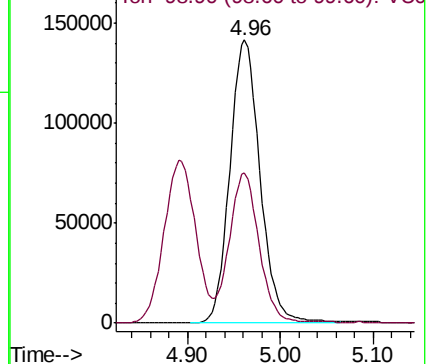
Ion Ratio Lower Upper

168 100

99 52.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034283.D (-1186) (-)



#2

Dichlorodifluoromethane

Concen: 46.171 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU034283.D

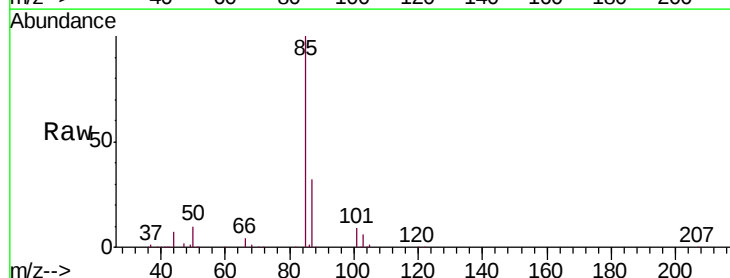
Acq: 05 Sep 2019 14:59

Tgt Ion: 85 Resp: 154722

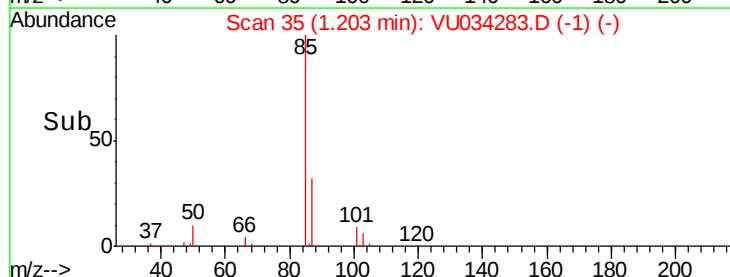
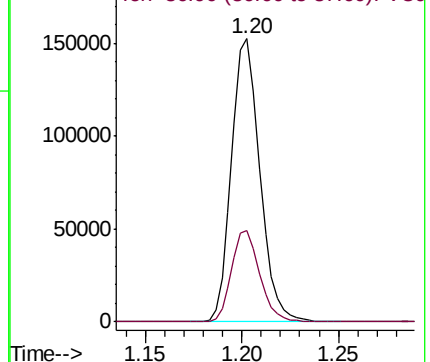
Ion Ratio Lower Upper

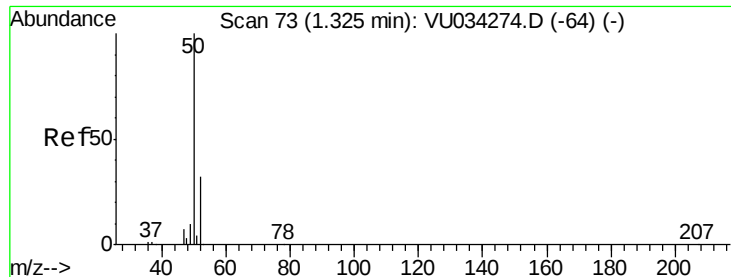
85 100

87 32.5 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VU034283.D (-1) (-)





#3

Chloromethane

Concen: 50.334 ug/l

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

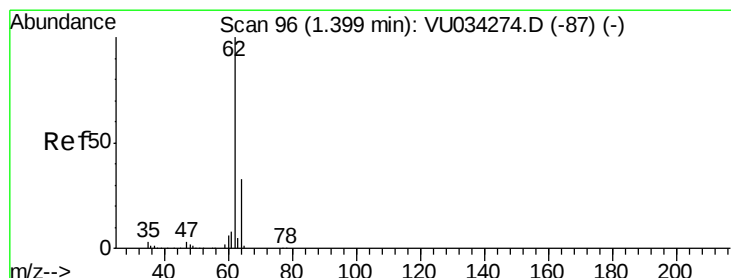
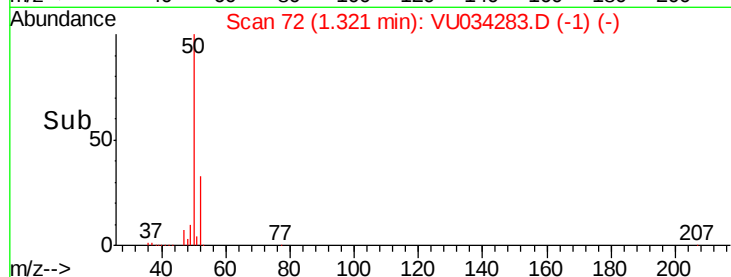
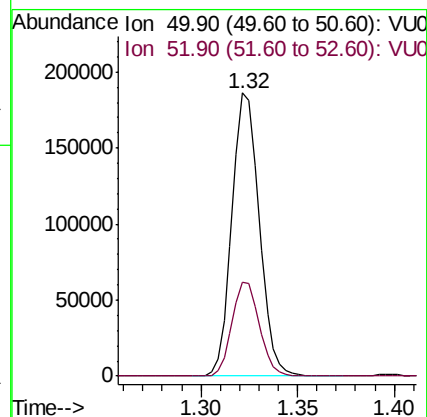
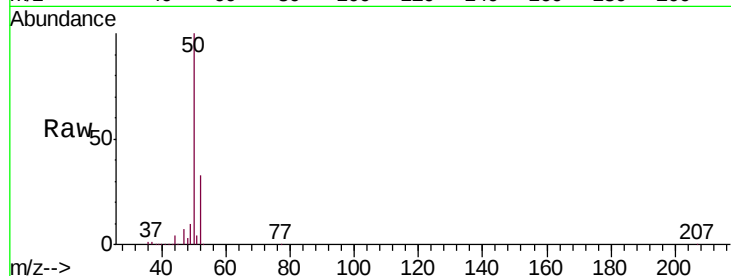
VSTDCCC050EC

Tgt Ion: 50 Resp: 182229

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.6



#4

Vinyl Chloride

Concen: 46.874 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU034283.D

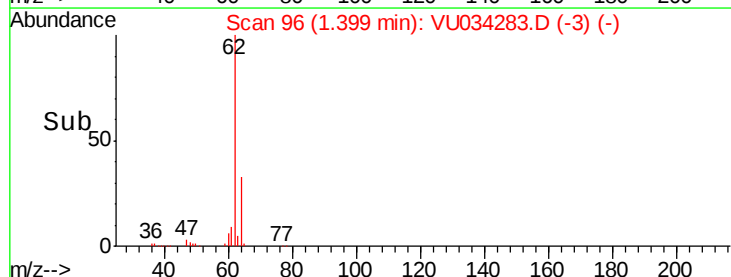
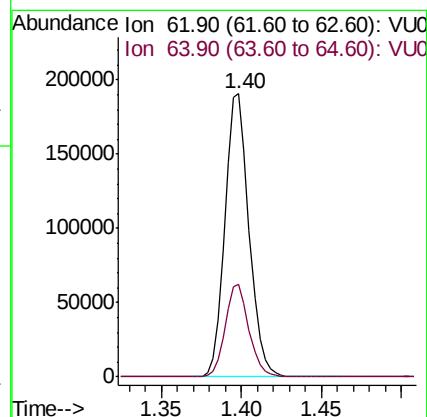
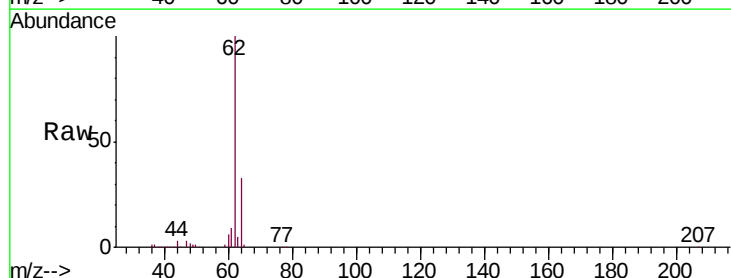
Acq: 05 Sep 2019 14:59

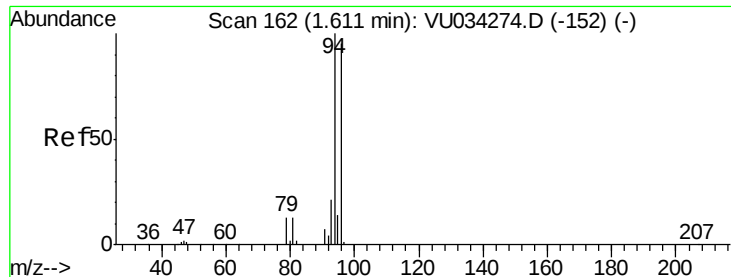
Tgt Ion: 62 Resp: 195736

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.4





#5

Bromomethane

Concen: 52.927 ug/l

RT: 1.61 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

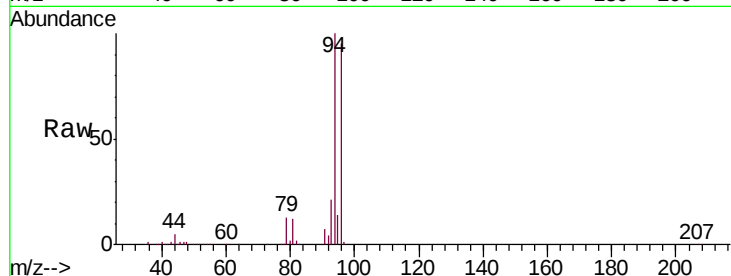
VSTDCCC050EC

Tgt Ion: 94 Resp: 111643

Ion Ratio Lower Upper

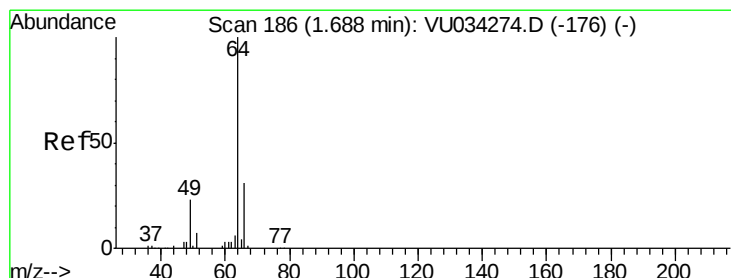
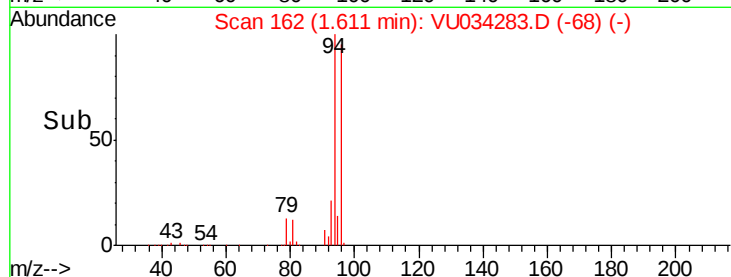
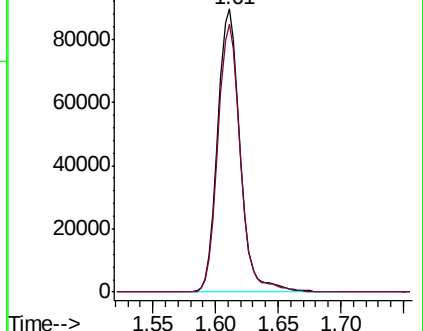
94 100

96 94.8 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VU034283.D (-68) (-)

Ion 95.90 (95.60 to 96.60): VU034283.D (-68) (-)



#6

Chloroethane

Concen: 50.561 ug/l

RT: 1.68 min Scan# 185

Delta R.T. -0.00 min

Lab File: VU034283.D

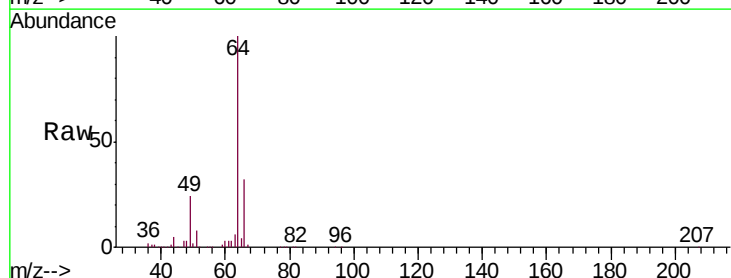
Acq: 05 Sep 2019 14:59

Tgt Ion: 64 Resp: 122689

Ion Ratio Lower Upper

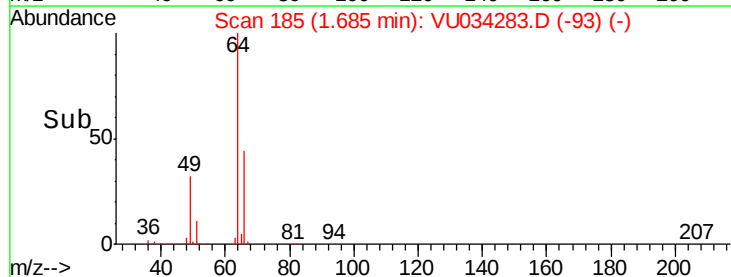
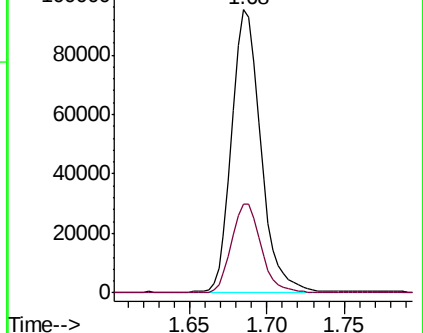
64 100

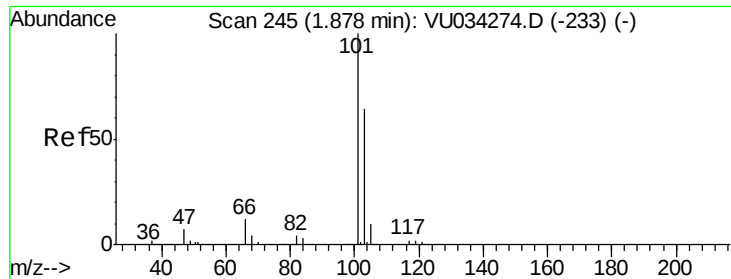
66 31.7 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VU034283.D (-93) (-)

Ion 65.90 (65.60 to 66.60): VU034283.D (-93) (-)



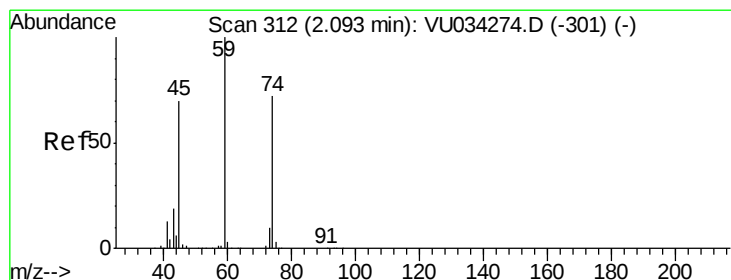
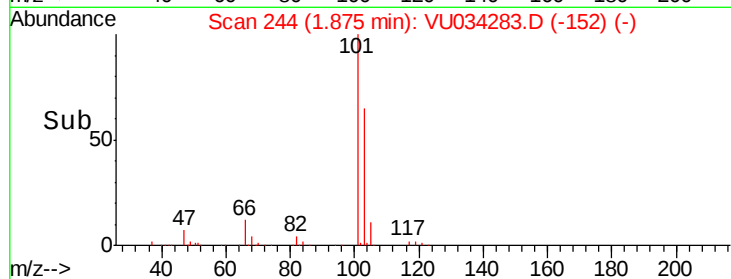
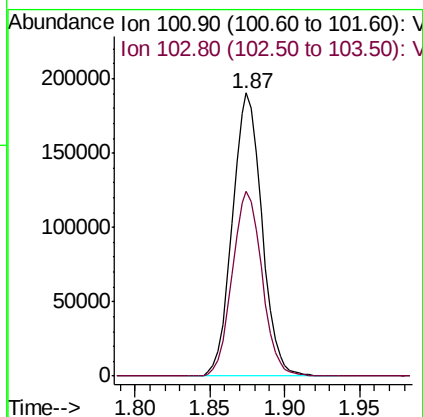
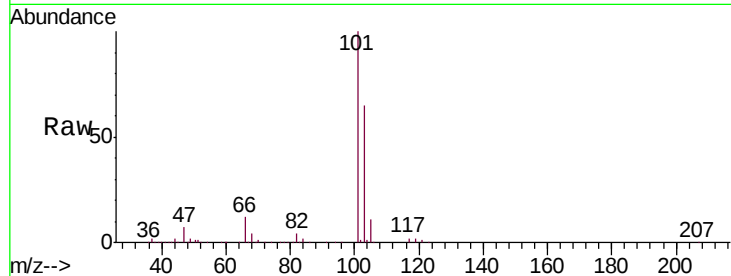


#7

Trichlorofluoromethane
 Concen: 46.711 ug/l
 RT: 1.87 min Scan# 244
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

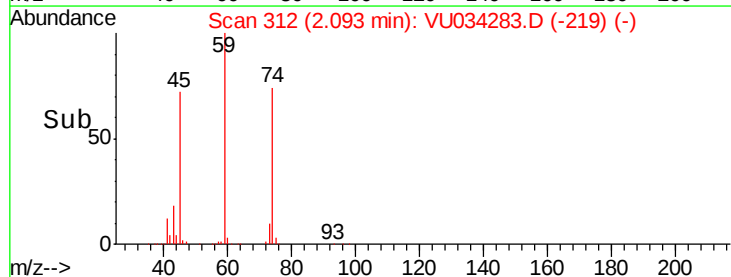
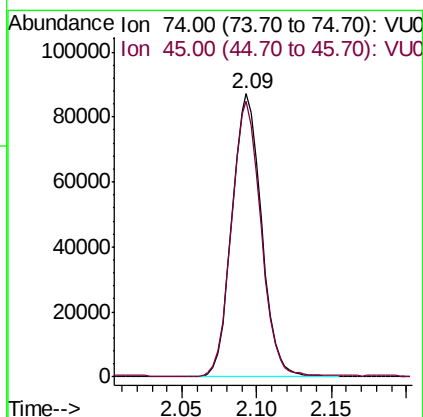
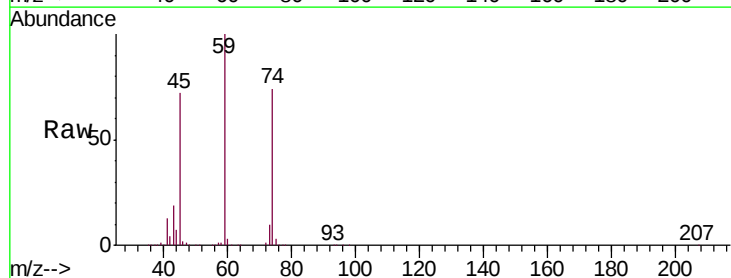
Tgt Ion: 101 Resp: 261536
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.0 76.6

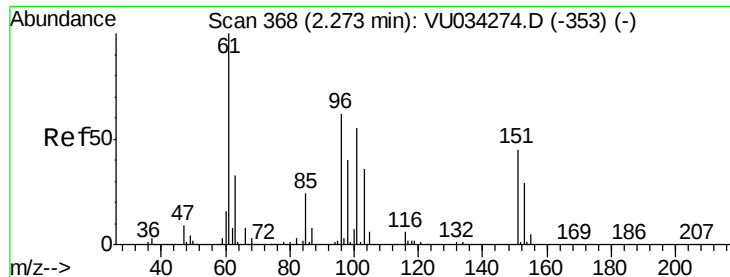


#8

Diethyl Ether
 Concen: 48.549 ug/l
 RT: 2.09 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

Tgt Ion: 74 Resp: 119570
 Ion Ratio Lower Upper
 74 100
 45 96.2 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.034 ug/l

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

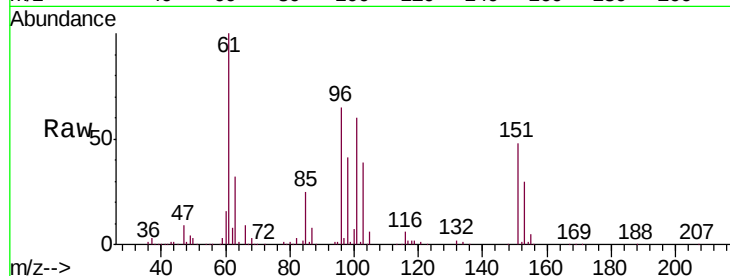
Tgt Ion:101 Resp: 174420

Ion Ratio Lower Upper

101 100

85 42.4 34.4 51.6

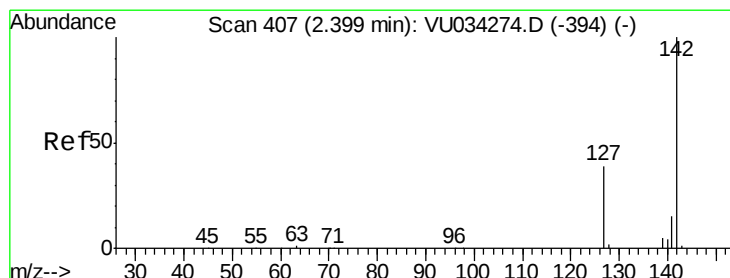
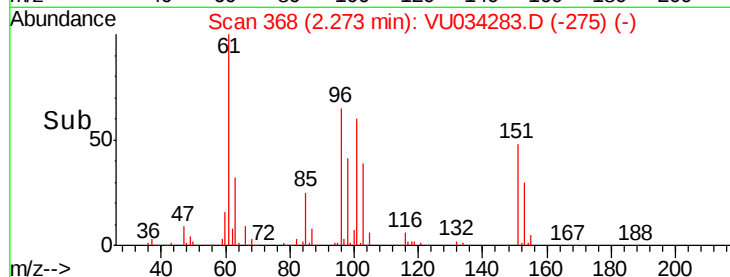
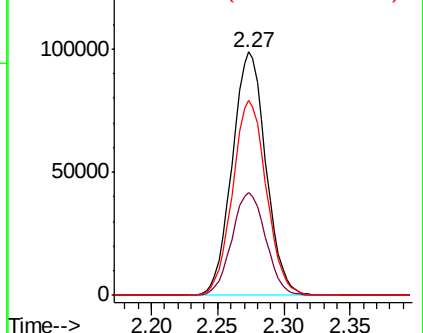
151 80.3 64.4 96.6



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: 44.043 ug/l

RT: 2.40 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

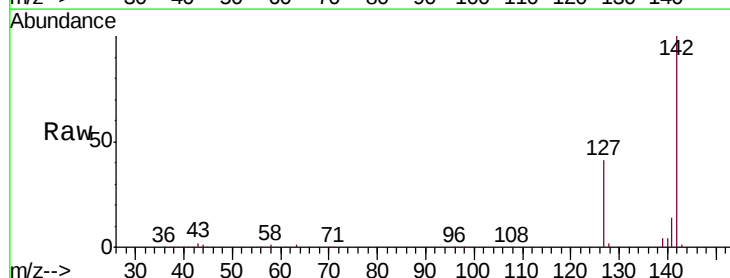
Tgt Ion:142 Resp: 147744

Ion Ratio Lower Upper

142 100

127 40.3 32.1 48.1

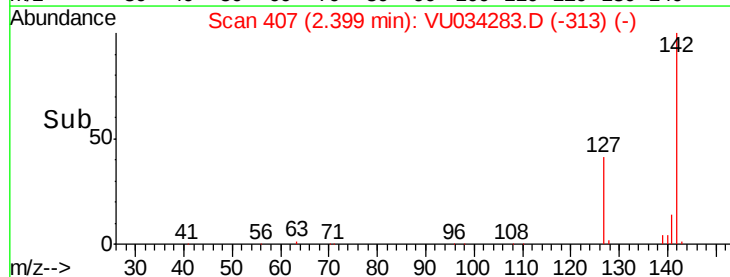
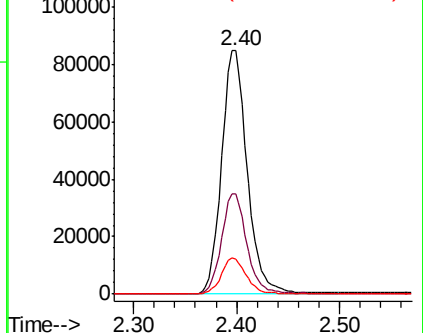
141 14.4 11.5 17.3

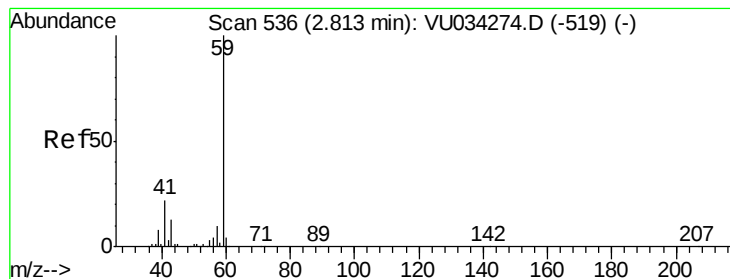


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



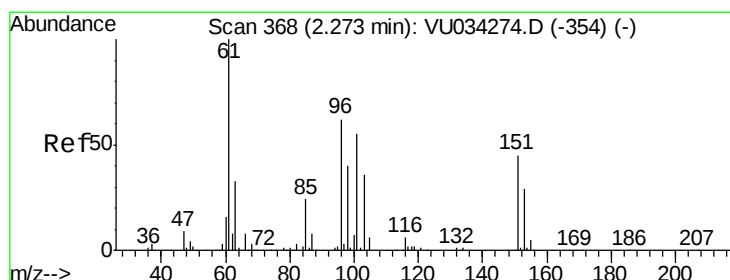
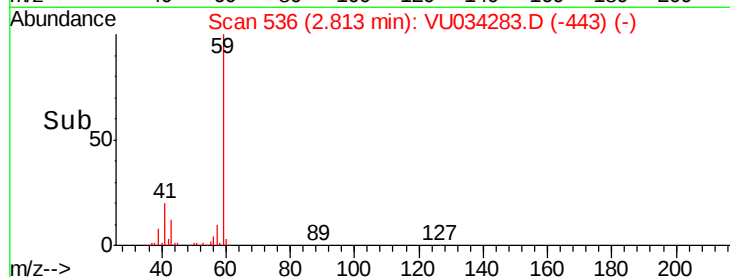
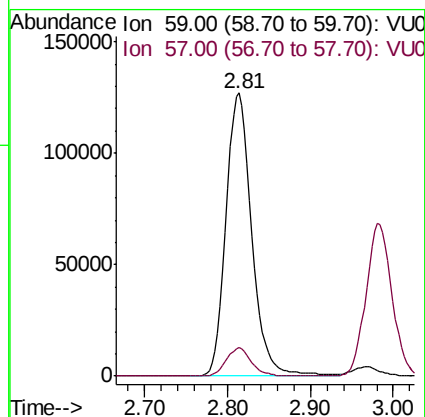
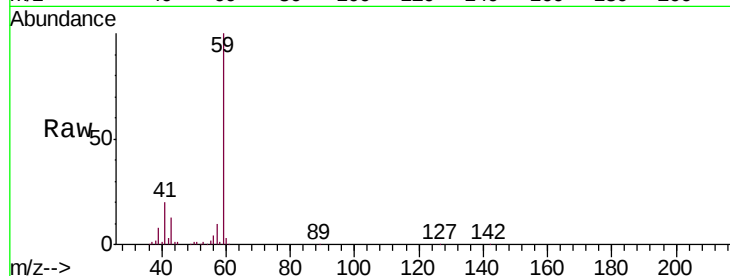


#11

Tert butyl alcohol
 Concen: 267.900 ug/l
 RT: 2.81 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

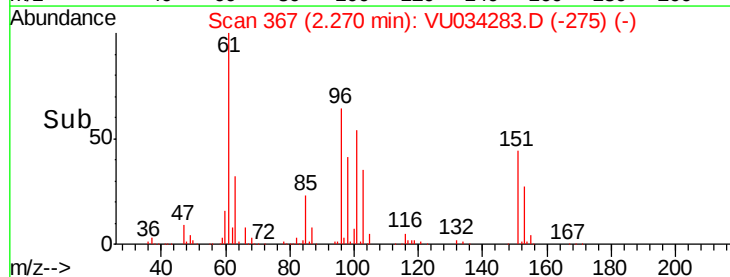
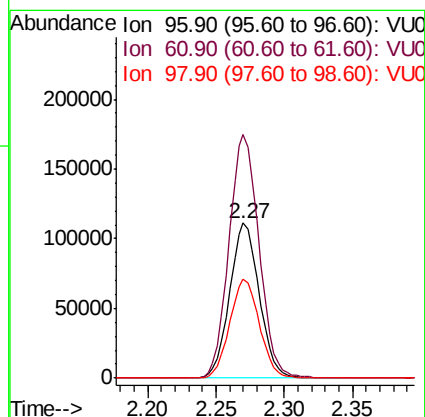
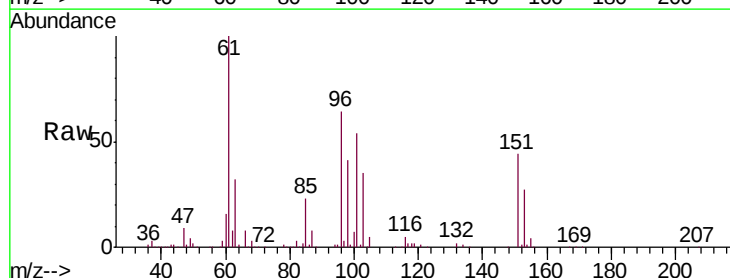
Tgt Ion: 59 Resp: 274383
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.9 11.9

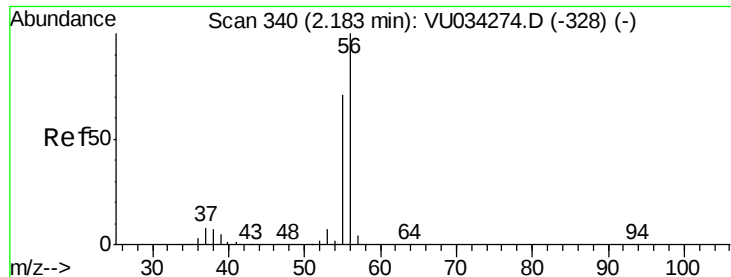


#12

1,1-Dichloroethene
 Concen: 48.049 ug/l
 RT: 2.27 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

Tgt Ion: 96 Resp: 167505
 Ion Ratio Lower Upper
 96 100
 61 157.3 130.0 195.0
 98 63.9 52.2 78.4





#13

Acrolein

Concen: 204.867 ug/l

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

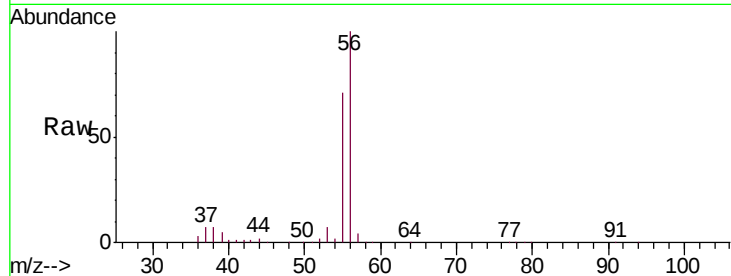
VSTDCCC050EC

Tgt Ion: 56 Resp: 176355

Ion Ratio Lower Upper

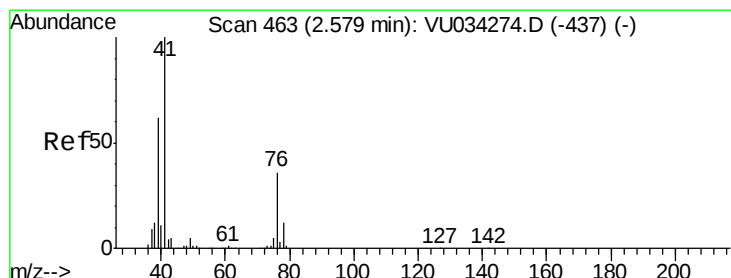
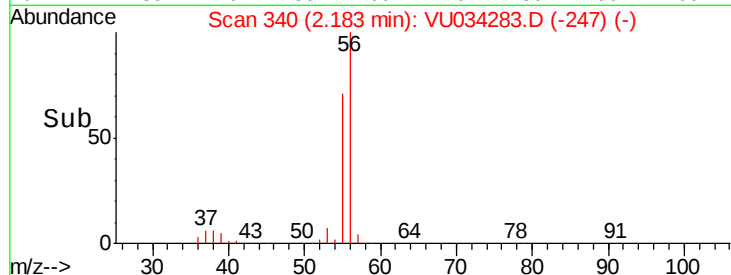
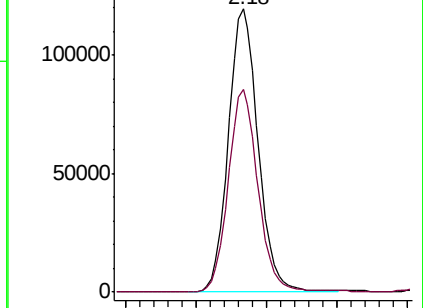
56 100

55 71.8 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU034274.D (-328) (-)

Ion 55.00 (54.70 to 55.70): VU034274.D (-328) (-)



#14

Allyl chloride

Concen: 42.759 ug/l

RT: 2.58 min Scan# 463

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

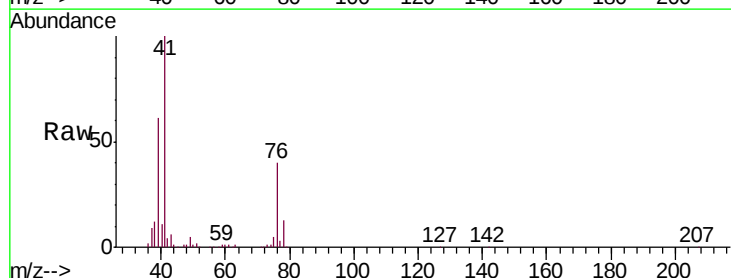
Tgt Ion: 41 Resp: 284978

Ion Ratio Lower Upper

41 100

39 61.2 43.5 65.3

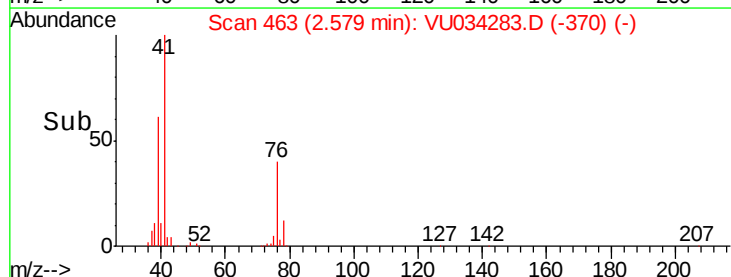
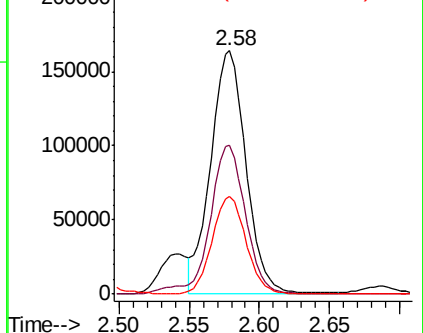
76 38.3 27.0 40.6

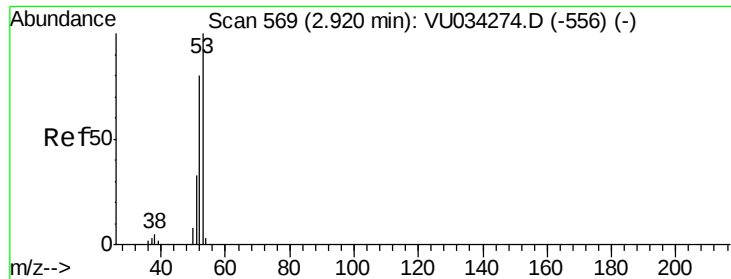


Abundance Ion 41.00 (40.70 to 41.70): VU034274.D (-437) (-)

Ion 39.00 (38.70 to 39.70): VU034274.D (-437) (-)

Ion 75.90 (75.60 to 76.60): VU034274.D (-437) (-)





#15

Acrylonitrile

Concen: 259.721 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

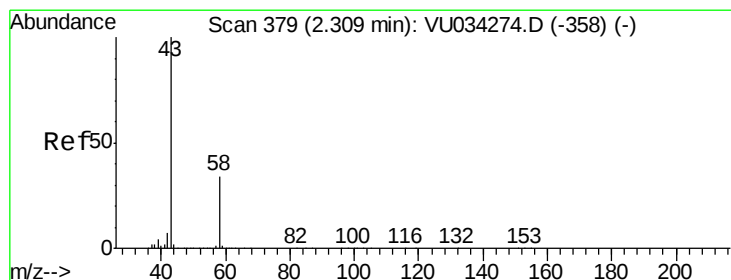
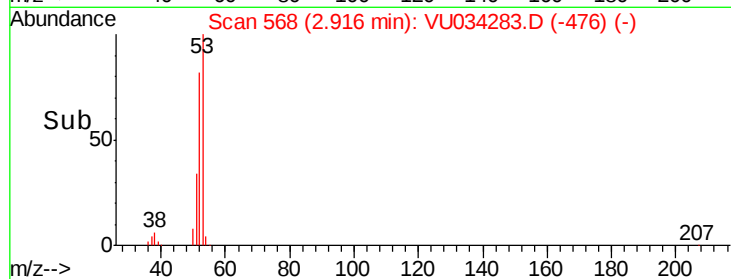
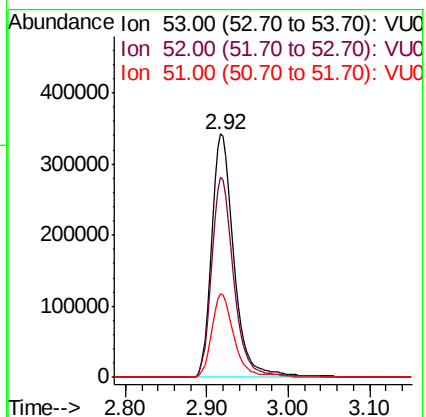
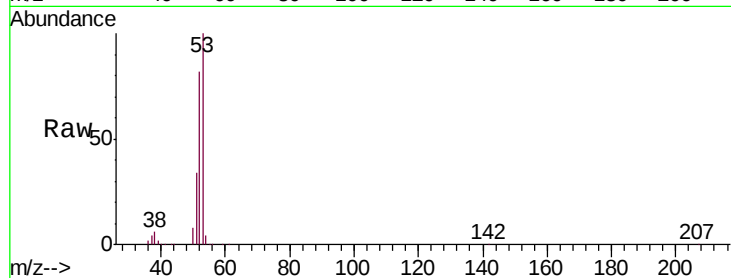
Tgt Ion: 53 Resp: 662415

Ion Ratio Lower Upper

53 100

52 81.1 64.1 96.1

51 34.9 27.4 41.0



#16

Acetone

Concen: 223.438 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU034283.D

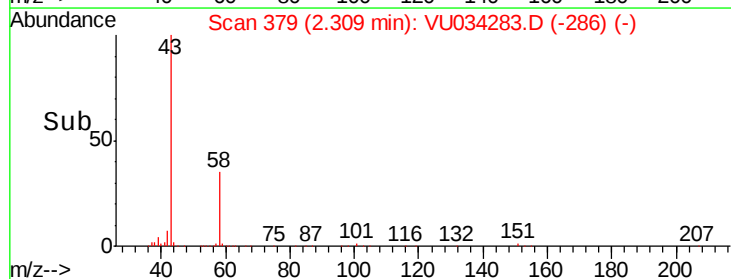
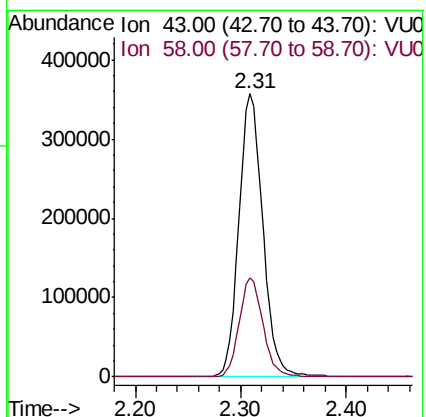
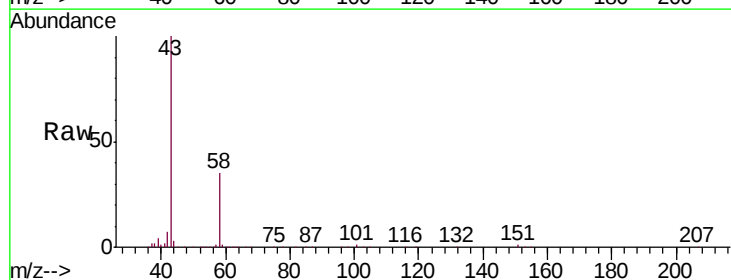
Acq: 05 Sep 2019 14:59

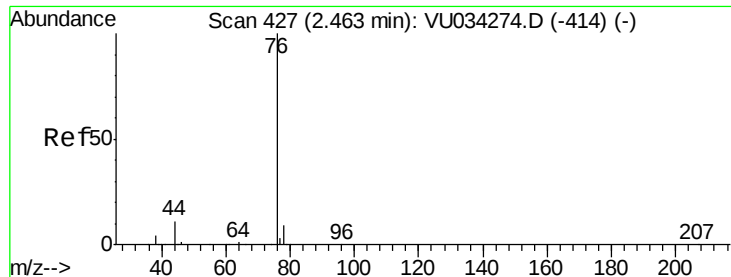
Tgt Ion: 43 Resp: 560560

Ion Ratio Lower Upper

43 100

58 34.8 27.6 41.4

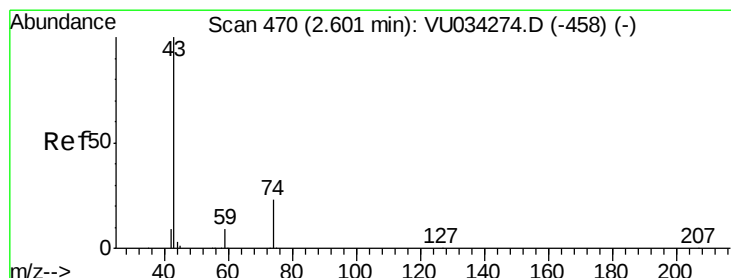
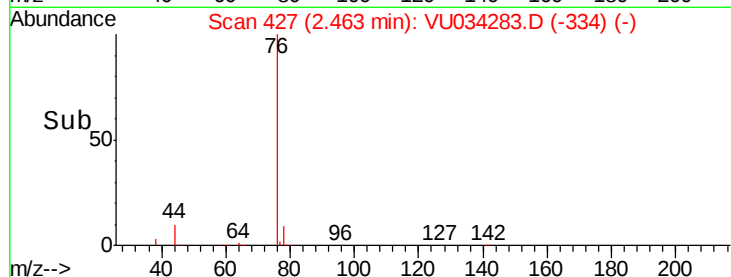
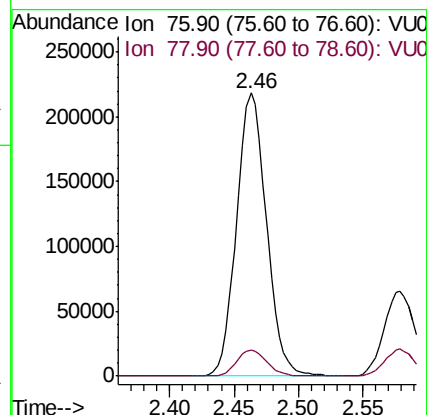
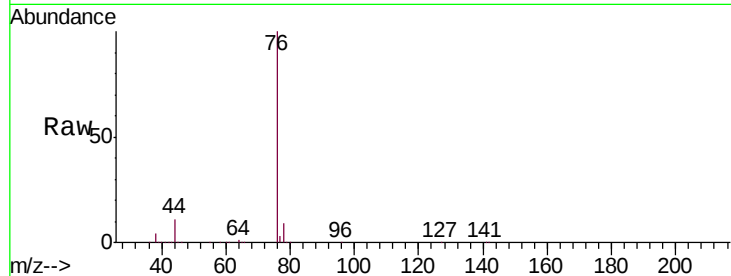




#17
Carbon Disulfide
Concen: 45.023 ug/l
RT: 2.46 min Scan# 427
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

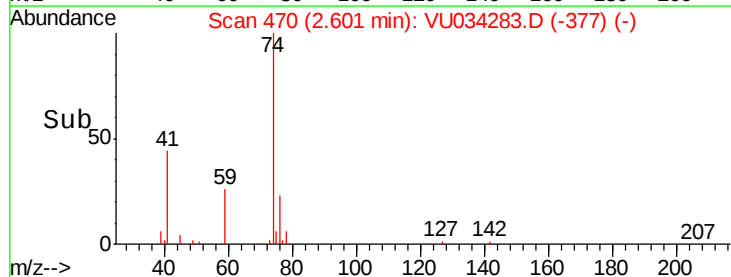
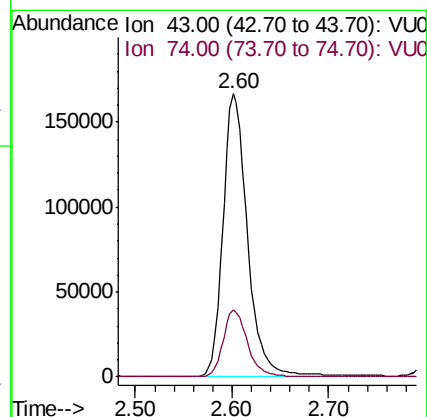
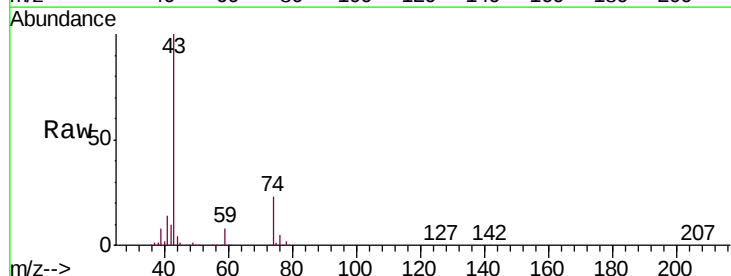
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

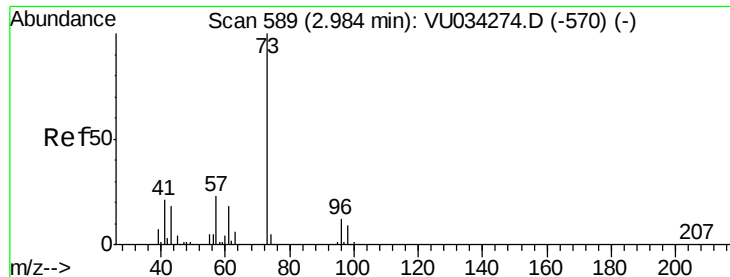
Tgt Ion: 76 Resp: 352756
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 47.591 ug/l
RT: 2.60 min Scan# 470
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Tgt Ion: 43 Resp: 290523
Ion Ratio Lower Upper
43 100
74 23.8 18.9 28.3

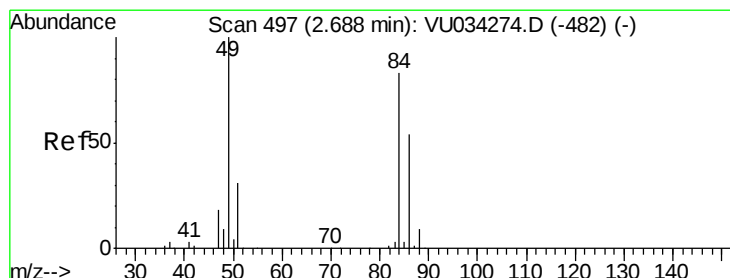
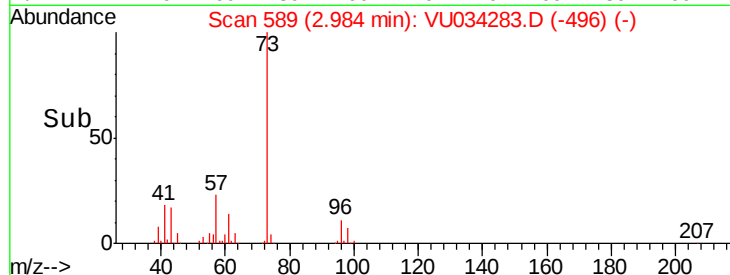
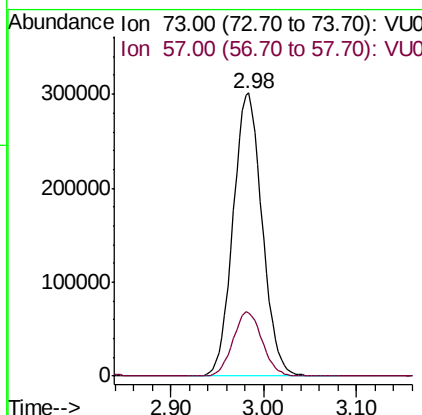
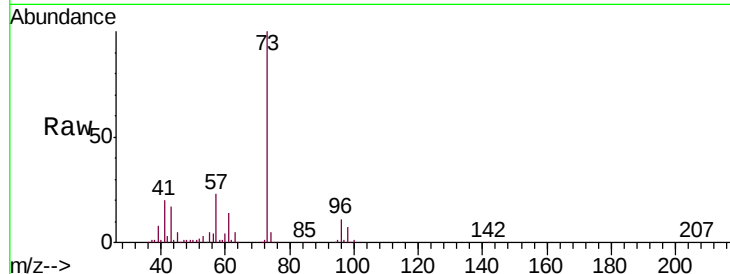




#19
Methyl tert-butyl Ether
Concen: 51.512 ug/l
RT: 2.98 min Scan# 589
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

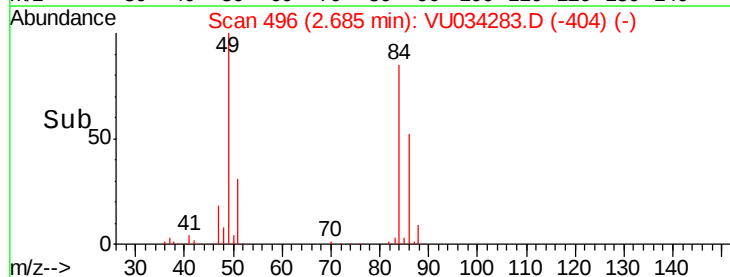
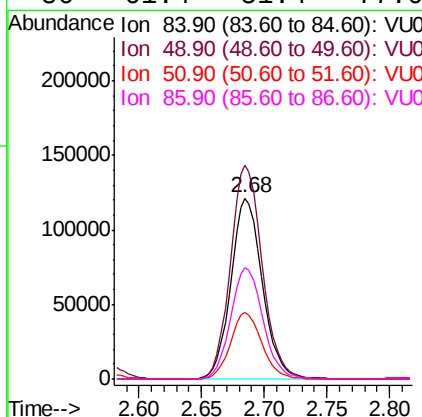
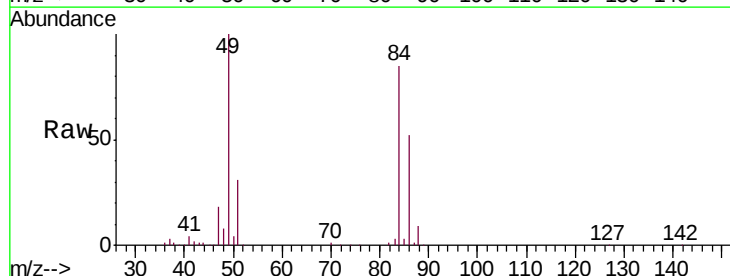
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

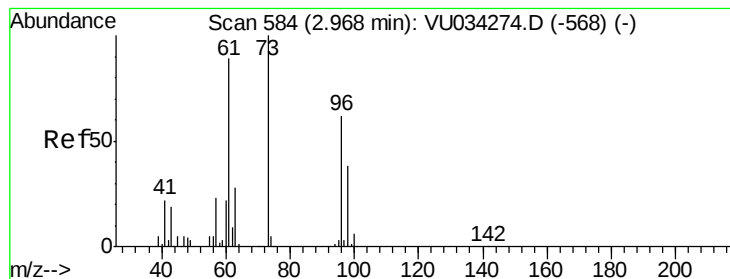
Tgt Ion: 73 Resp: 654548
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4



#20
Methylene Chloride
Concen: 51.451 ug/l
RT: 2.68 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Tgt Ion: 84 Resp: 211376
Ion Ratio Lower Upper
84 100
49 118.1 96.0 144.0
51 37.0 30.0 45.0
86 61.4 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 48.277 ug/l

RT: 2.96 min Scan# 583

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

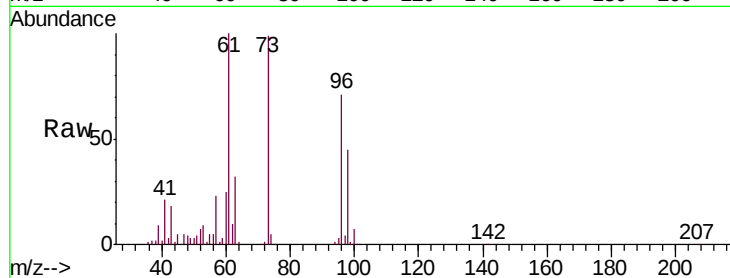
Tgt Ion: 96 Resp: 177355

Ion Ratio Lower Upper

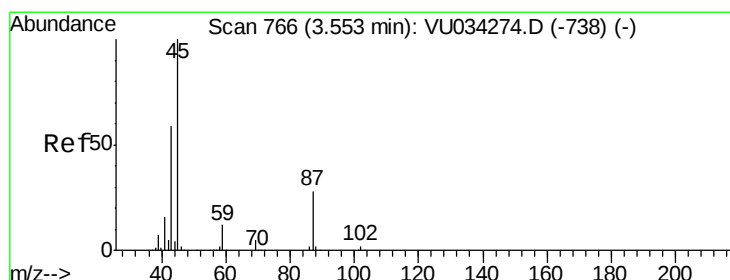
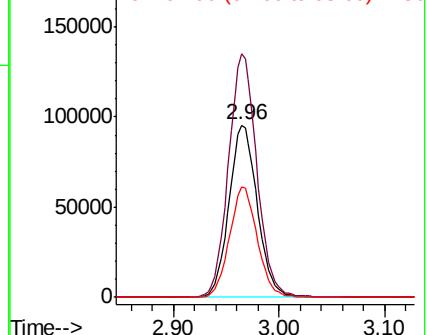
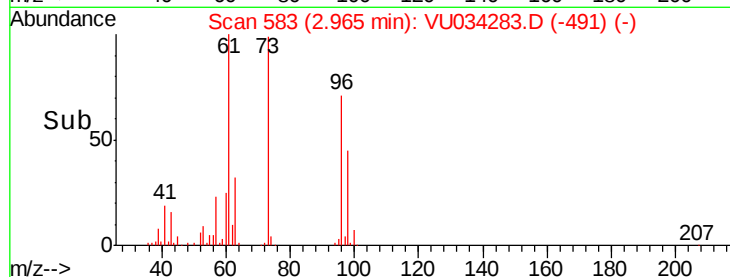
96 100

61 141.2 114.8 172.2

98 64.0 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VU034283.D (-491) (-)



#22

Diisopropyl ether

Concen: 51.650 ug/l

RT: 3.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Tgt Ion: 45 Resp: 671315

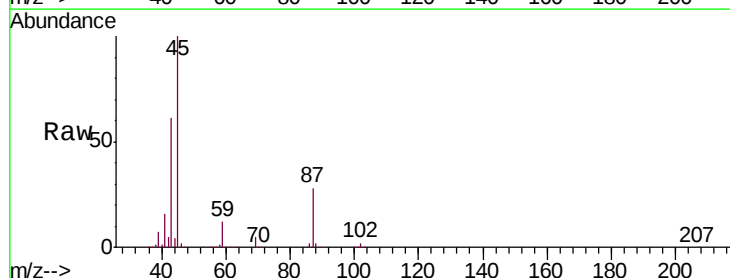
Ion Ratio Lower Upper

45 100

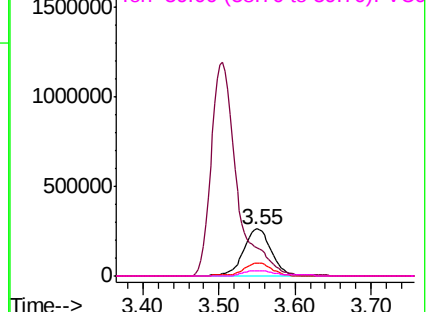
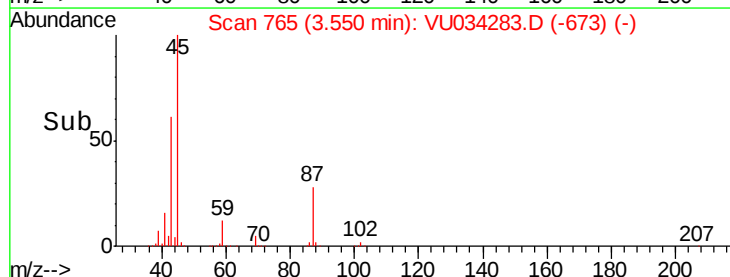
43 60.6 47.5 71.3

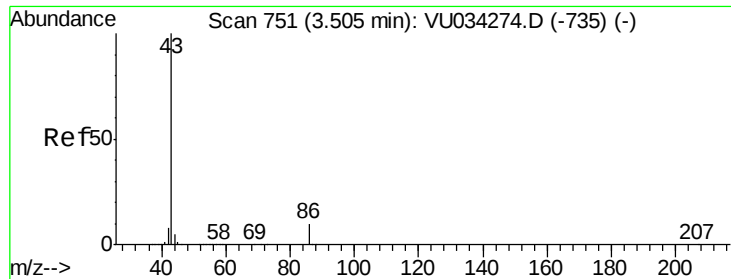
87 28.2 22.2 33.4

59 12.1 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VU034283.D (-673) (-)





#23

Vinyl Acetate

Concen: 266.683 ug/l

RT: 3.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

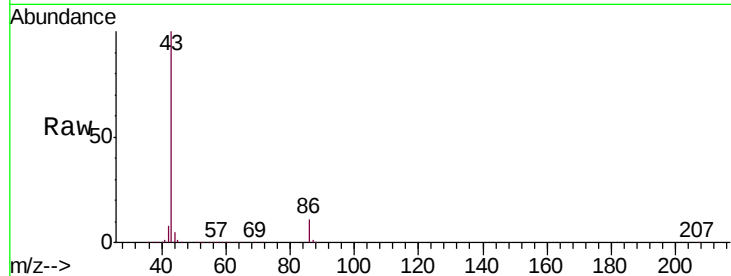
VSTDCCC050EC

Tgt Ion: 43 Resp: 2823398

Ion Ratio Lower Upper

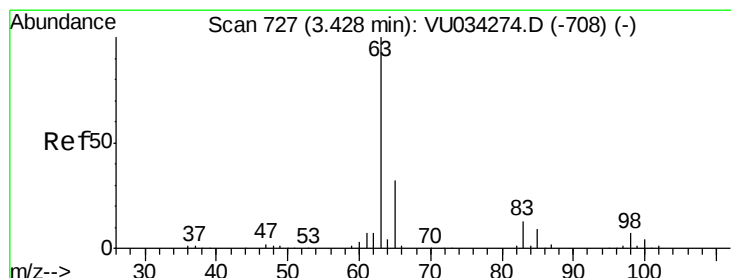
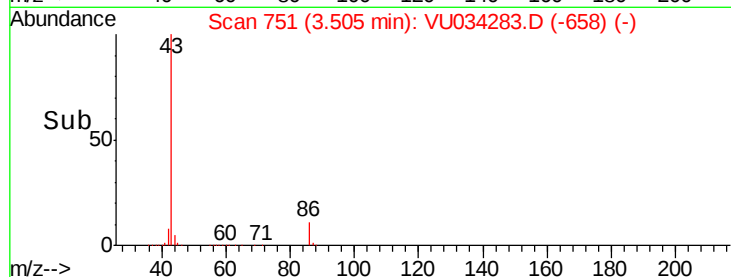
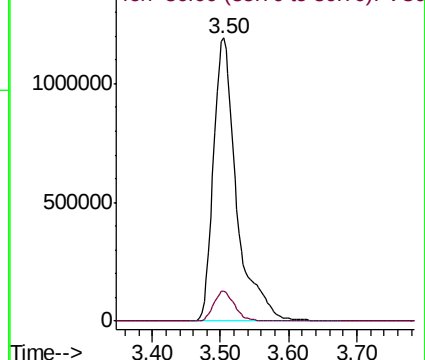
43 100

86 10.7 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: 47.991 ug/l

RT: 3.42 min Scan# 726

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

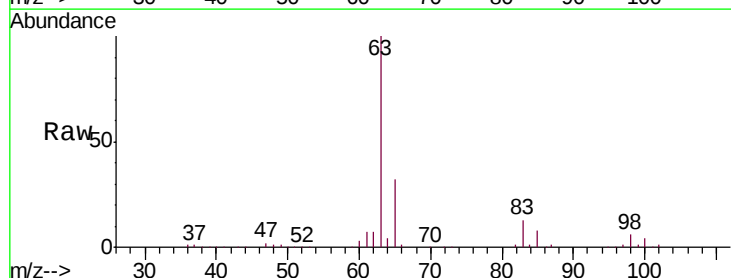
Tgt Ion: 63 Resp: 372499

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

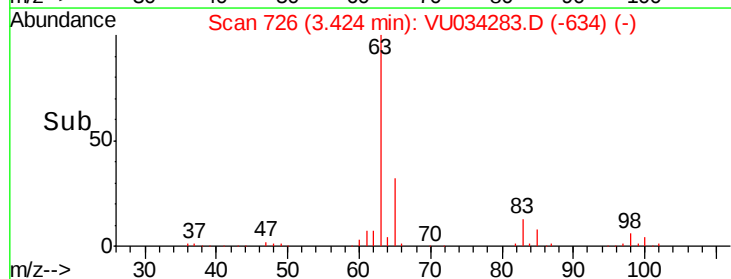
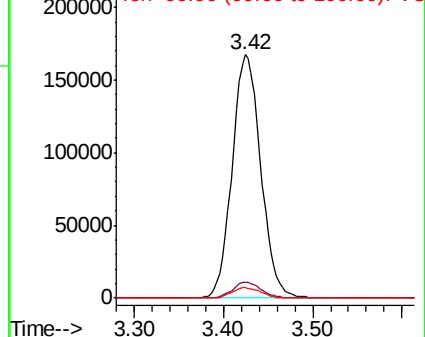
100 4.3 2.1 6.5

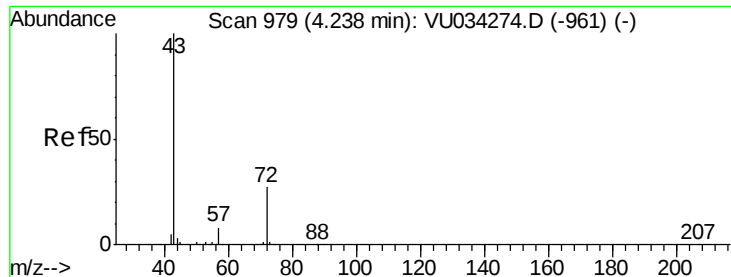


Abundance Ion 62.90 (62.60 to 63.60): VU034274.D (-708) (-)

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: 261.818 ug/l

RT: 4.24 min Scan# 979

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

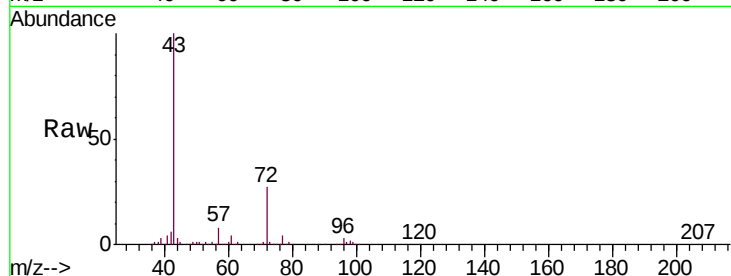
VSTDCCC050EC

Tgt Ion: 43 Resp: 876805

Ion Ratio Lower Upper

43 100

72 27.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034283.D (-886) (-)

Ion 72.00 (71.70 to 72.70): VU034283.D (-886) (-)

4.24

300000

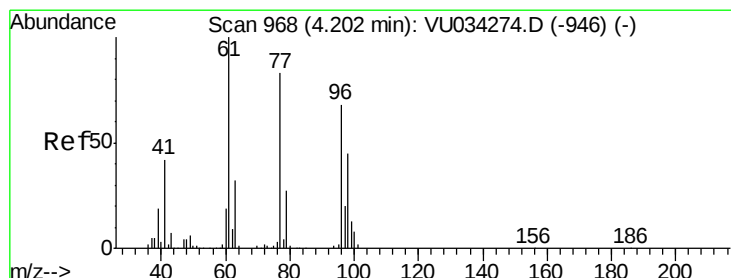
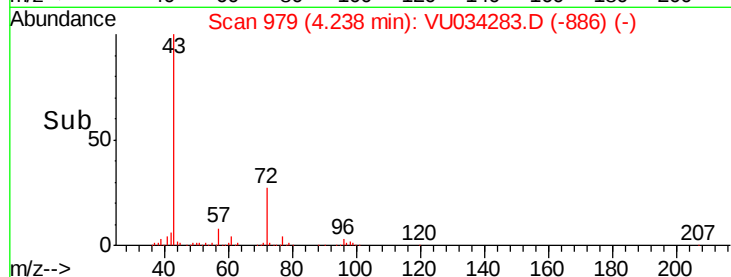
200000

100000

0

4.10 4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 47.810 ug/l

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

Lab File: VU034283.D

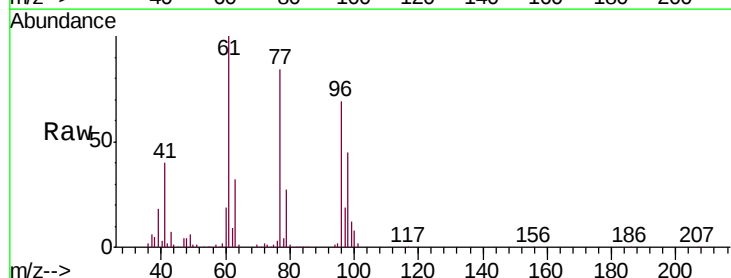
Acq: 05 Sep 2019 14:59

Tgt Ion: 77 Resp: 298465

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VU034283.D (-875) (-)

Ion 96.90 (96.60 to 97.60): VU034283.D (-875) (-)

4.20

120000

100000

80000

60000

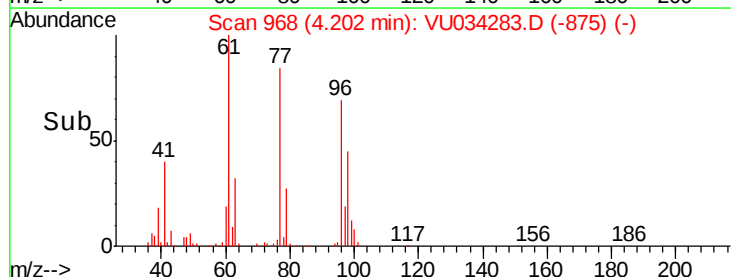
40000

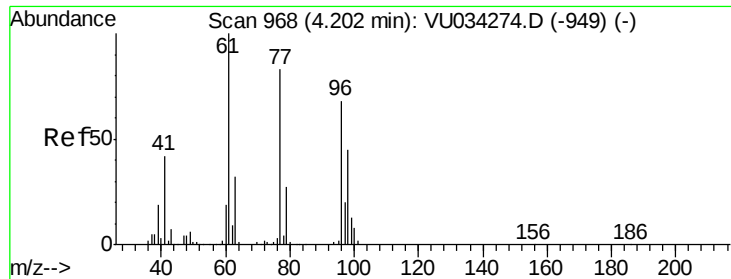
20000

0

4.10 4.20 4.30

Time-->

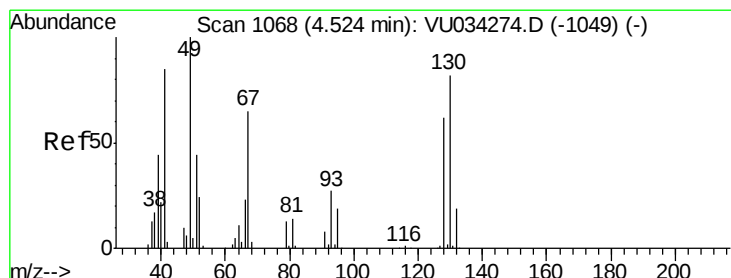
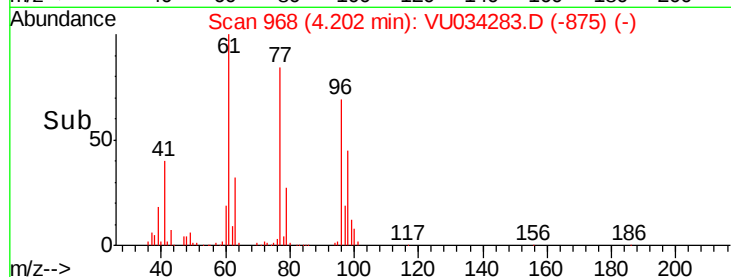
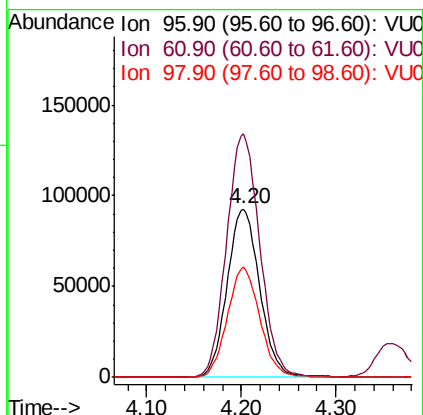
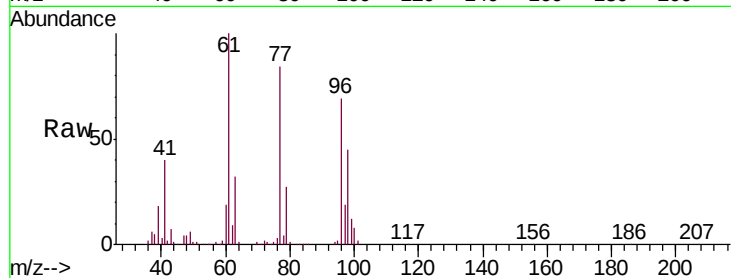




#27
 cis-1,2-Dichloroethene
 Concen: 49.866 ug/l
 RT: 4.20 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

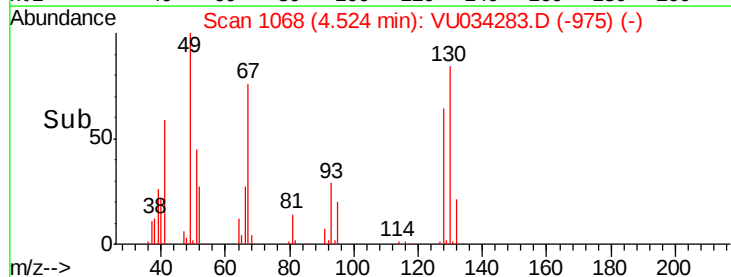
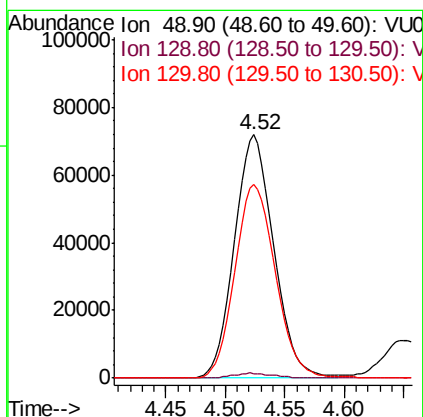
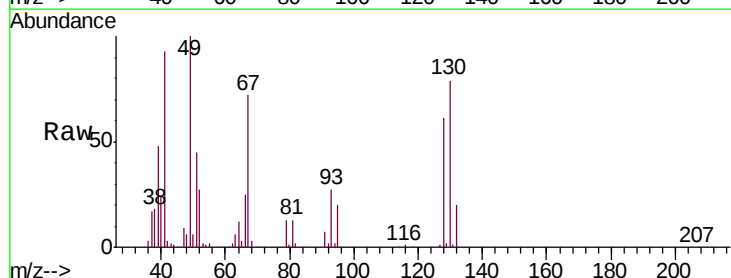
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

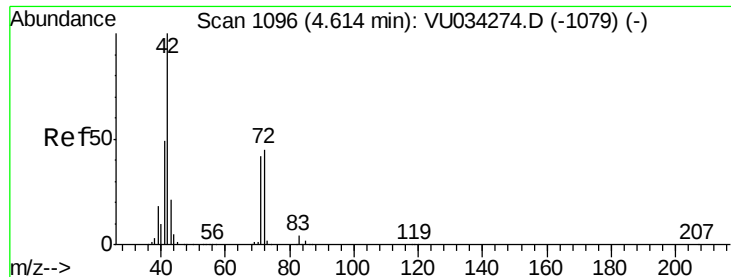
Tgt Ion: 96 Resp: 222494
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 297.4
 98 65.2 0.0 130.0



#28
 Bromochloromethane
 Concen: 46.187 ug/l
 RT: 4.52 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

Tgt Ion: 49 Resp: 164895
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 82.2 65.2 97.8

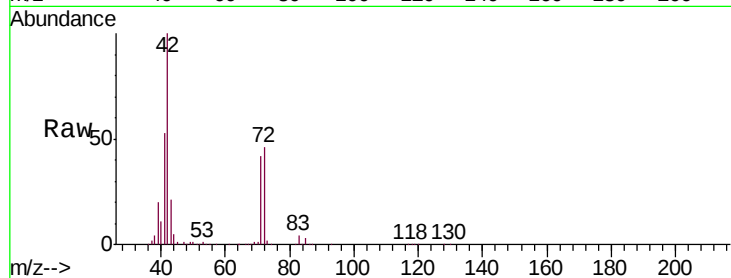




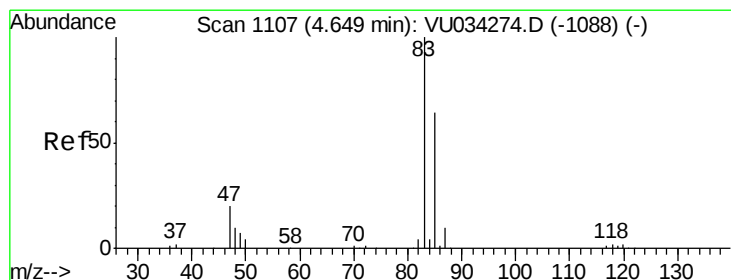
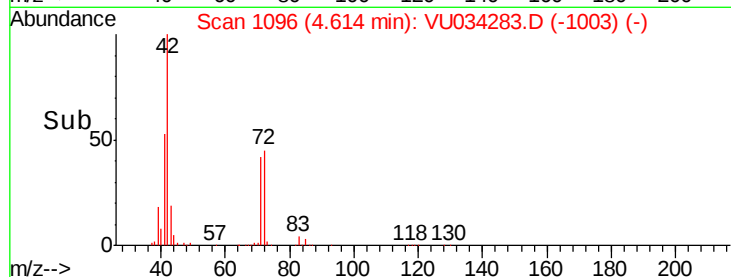
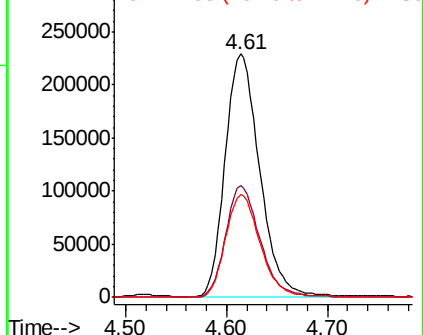
#29
Tetrahydrofuran
Concen: 267.783 ug/l
RT: 4.61 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 545696
Ion Ratio Lower Upper
42 100
72 46.1 36.6 54.8
71 42.7 34.3 51.5

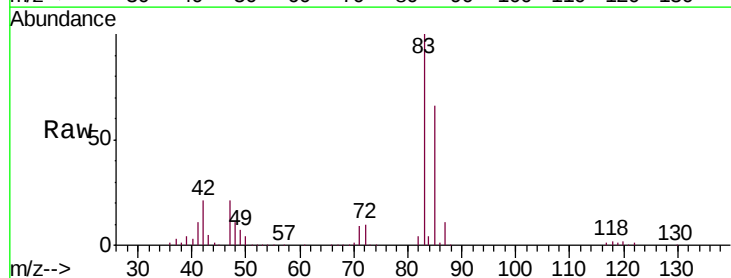


Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

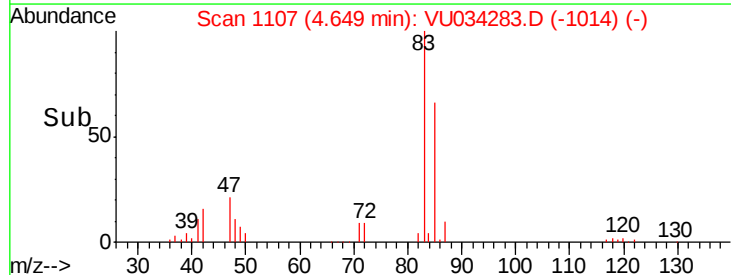
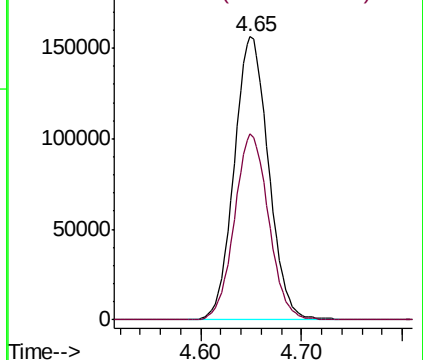


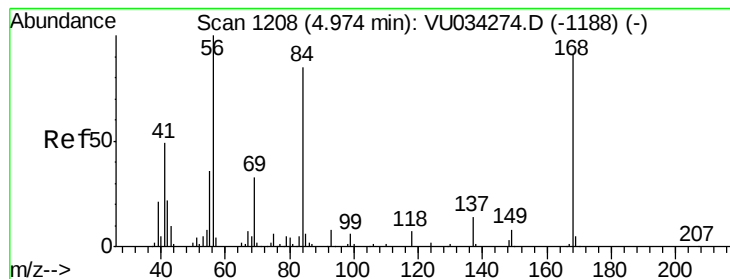
#30
Chloroform
Concen: 46.846 ug/l
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Tgt Ion: 83 Resp: 369602
Ion Ratio Lower Upper
83 100
85 65.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: 48.360 ug/l

RT: 4.97 min Scan# 1207

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

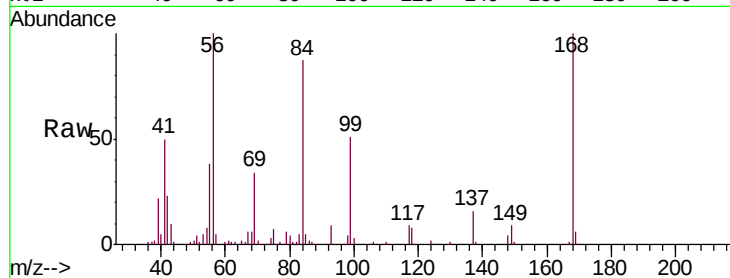
Tgt Ion: 56 Resp: 274611

Ion Ratio Lower Upper

56 100

69 33.6 26.7 40.1

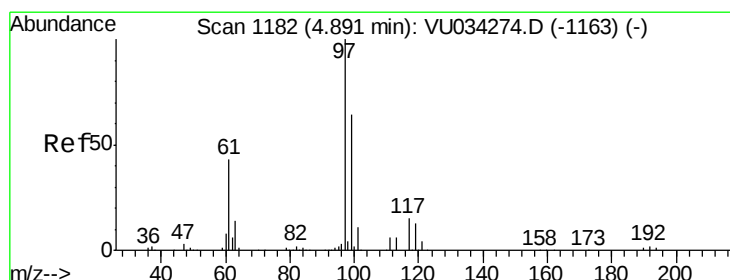
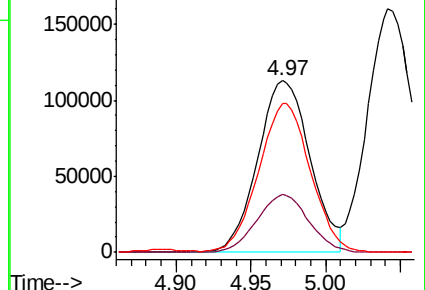
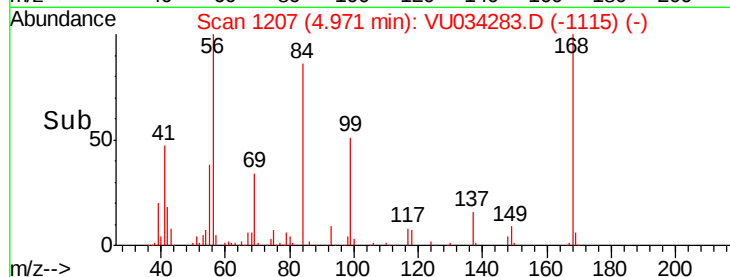
84 86.1 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VU034283.D (-1188) (-)

Ion 69.00 (68.70 to 69.70): VU034283.D (-1188) (-)

Ion 84.00 (83.70 to 84.70): VU034283.D (-1188) (-)



#32

1,1,1-Trichloroethane

Concen: 48.619 ug/l

RT: 4.89 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

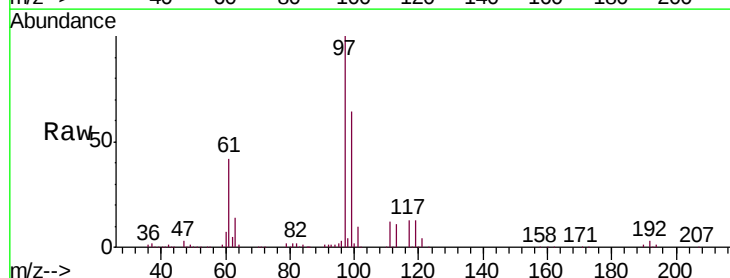
Tgt Ion: 97 Resp: 306691

Ion Ratio Lower Upper

97 100

99 63.9 50.9 76.3

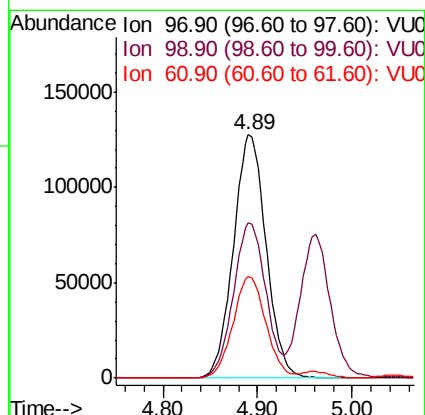
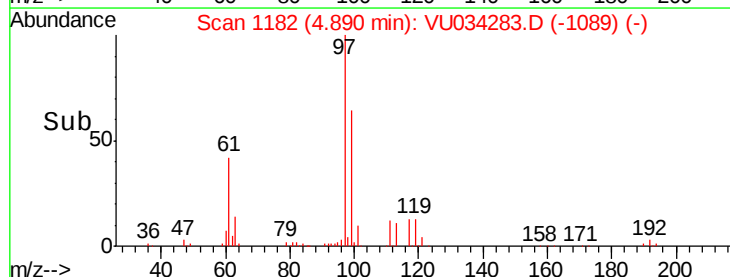
61 42.0 34.7 52.1

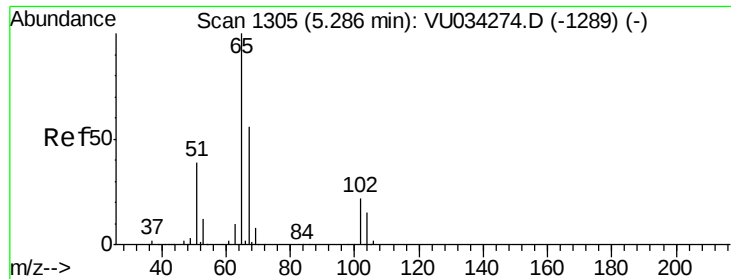


Abundance Ion 96.90 (96.60 to 97.60): VU034283.D (-1089) (-)

Ion 98.90 (98.60 to 99.60): VU034283.D (-1089) (-)

Ion 60.90 (60.60 to 61.60): VU034283.D (-1089) (-)

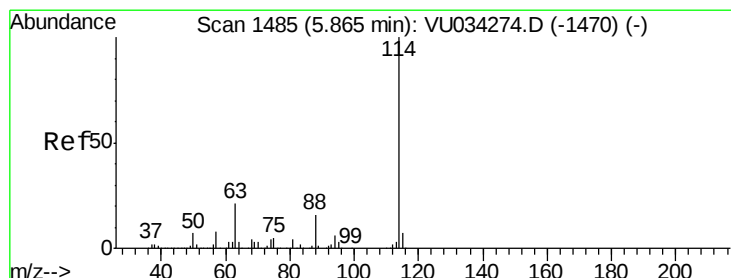
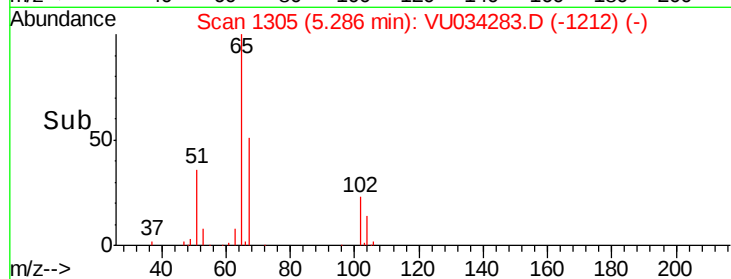
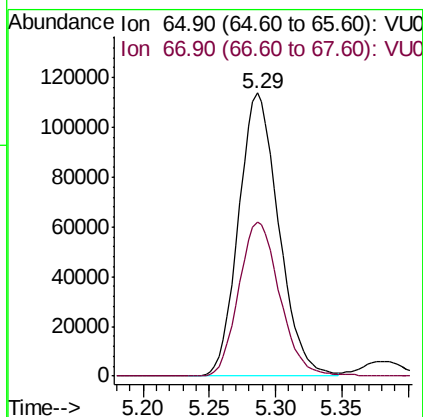
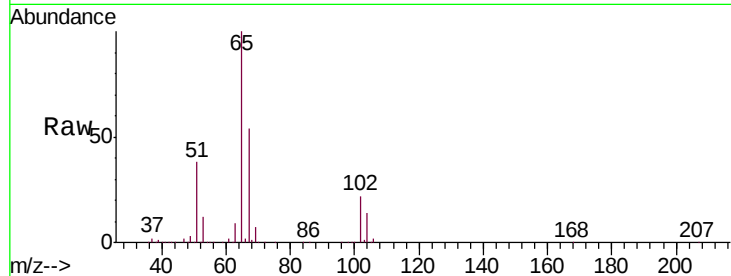




#33
 1,2-Dichloroethane-d4
 Concen: 49.475 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

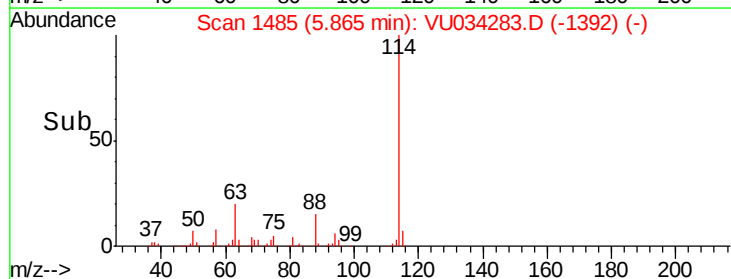
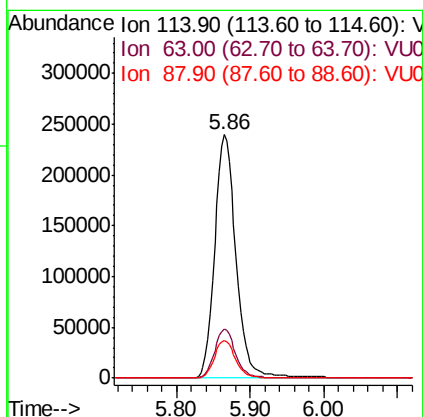
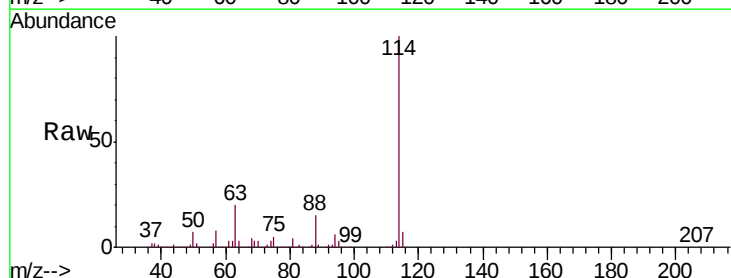
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

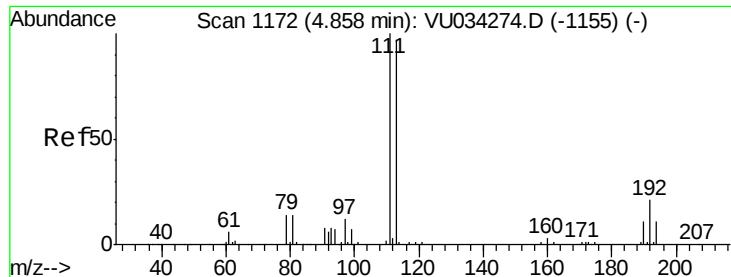
Tgt Ion: 65 Resp: 239853
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

Tgt Ion: 114 Resp: 480964
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.4
 88 15.4 0.0 32.4

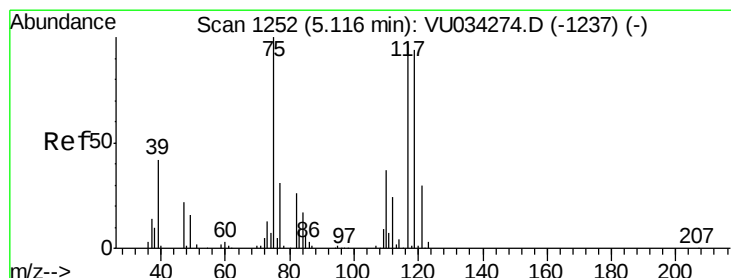
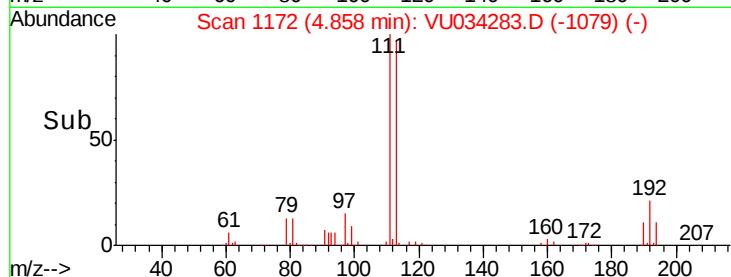
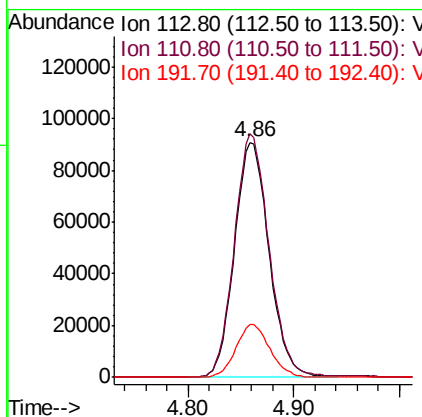
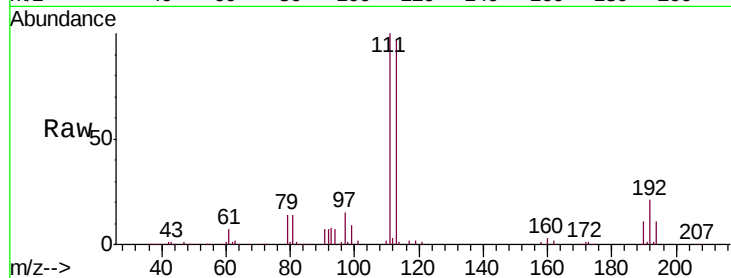




#35
 Dibromofluoromethane
 Concen: 46.212 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

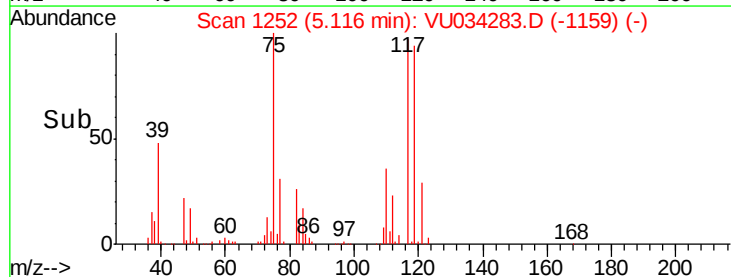
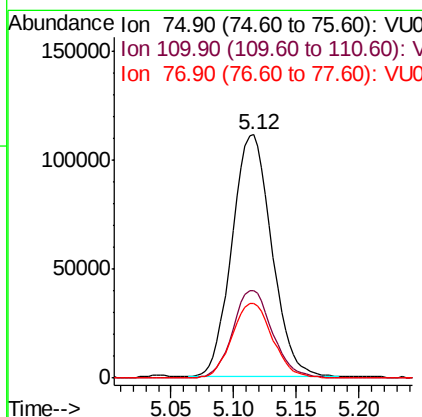
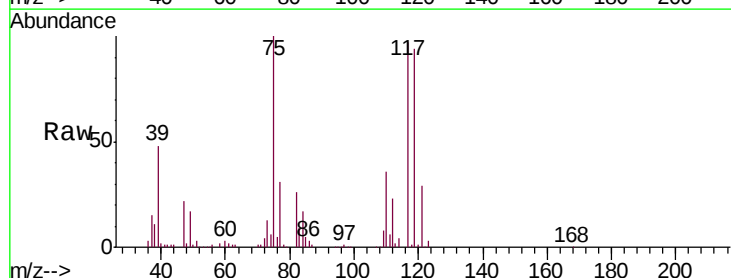
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

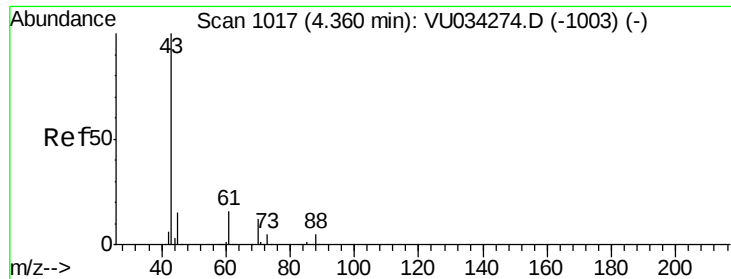
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.5	122.3
192	22.3	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 46.931 ug/l
 RT: 5.12 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.3	54.9
77	31.0	24.9	37.3

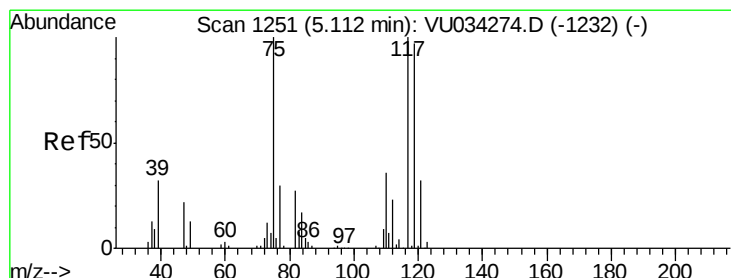
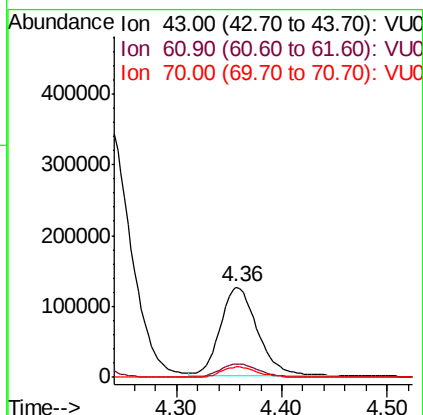
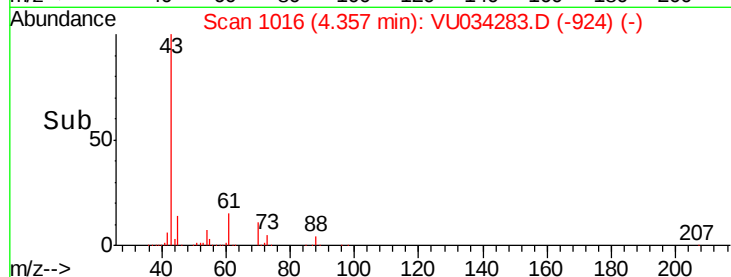
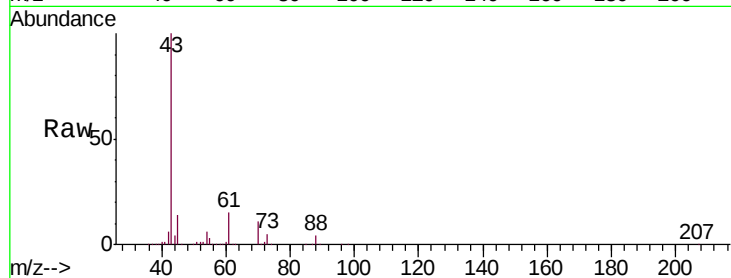




#37
Ethyl Acetate
Concen: 50.073 ug/l
RT: 4.36 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

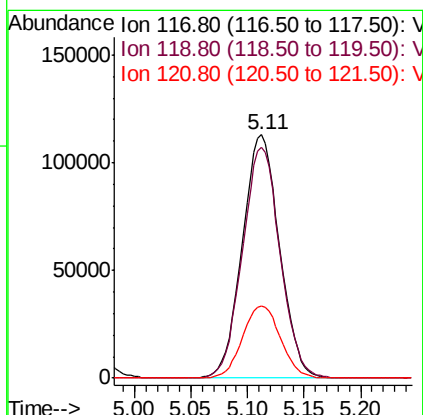
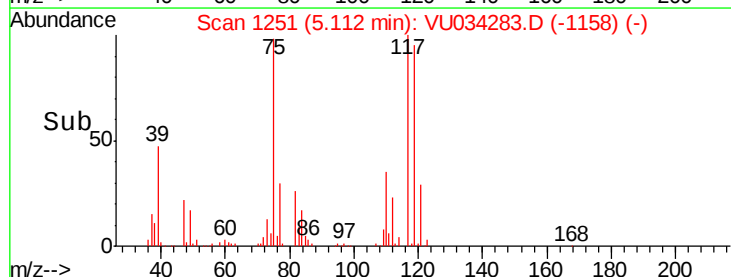
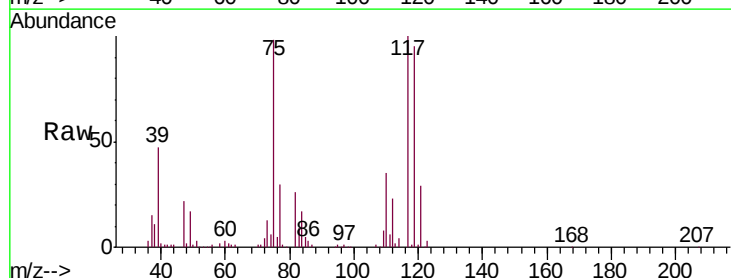
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

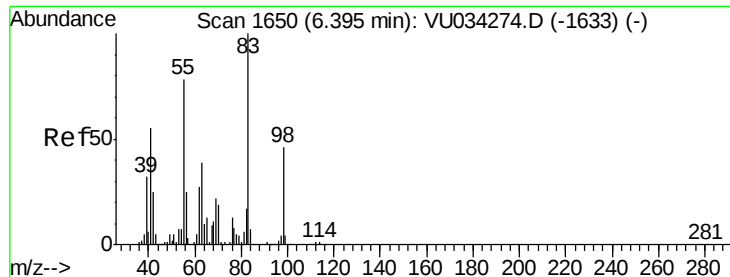
Tgt Ion: 43 Resp: 308806
Ion Ratio Lower Upper
43 100
61 14.9 12.3 18.5
70 11.4 9.1 13.7



#38
Carbon Tetrachloride
Concen: 46.527 ug/l
RT: 5.11 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Tgt Ion: 117 Resp: 259129
Ion Ratio Lower Upper
117 100
119 94.9 77.8 116.6
121 29.4 25.2 37.8

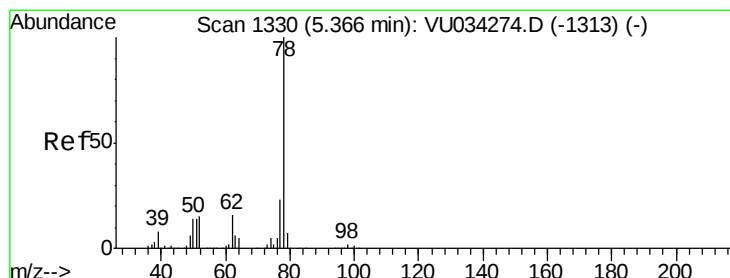
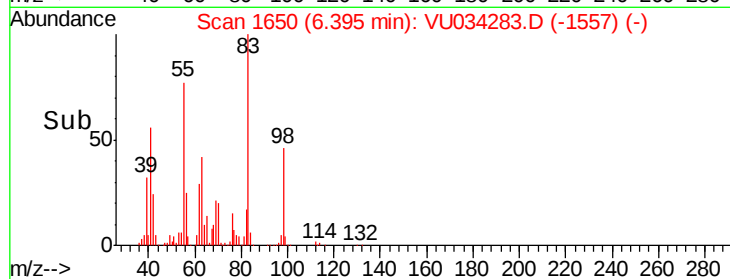
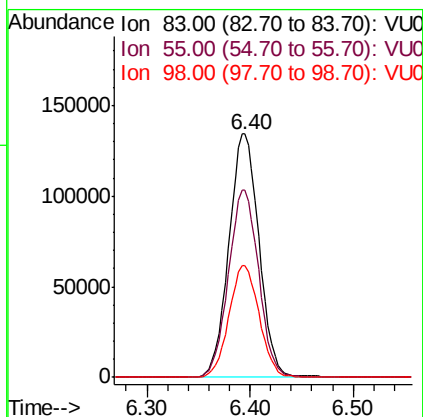
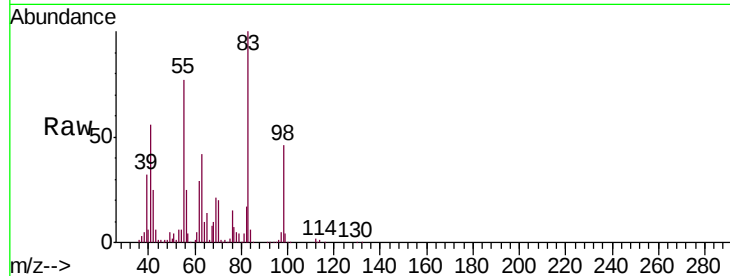




#39
Methylcyclohexane
Concen: 49.047 ug/l
RT: 6.40 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

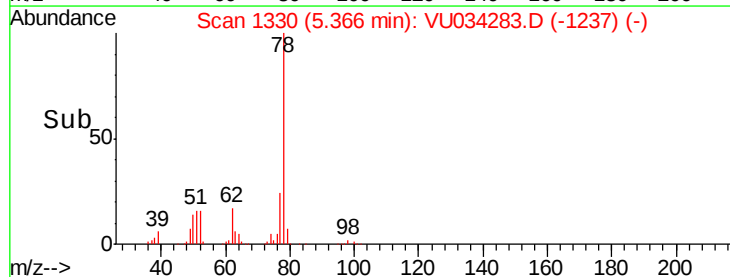
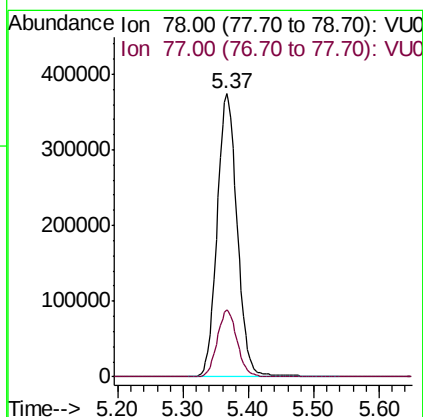
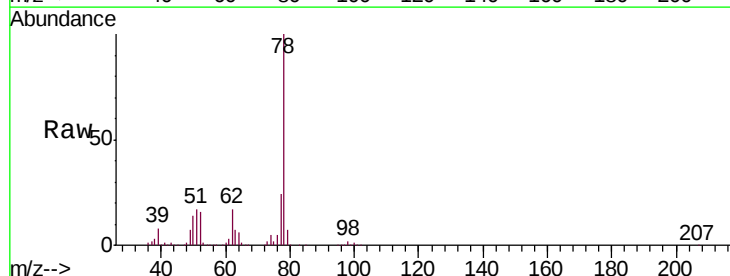
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

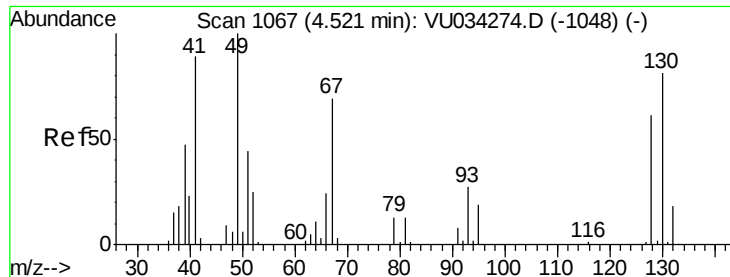
Tgt Ion: 83 Resp: 273487
Ion Ratio Lower Upper
83 100
55 76.7 62.1 93.1
98 46.0 37.0 55.6



#40
Benzene
Concen: 47.730 ug/l
RT: 5.37 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Tgt Ion: 78 Resp: 803356
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1

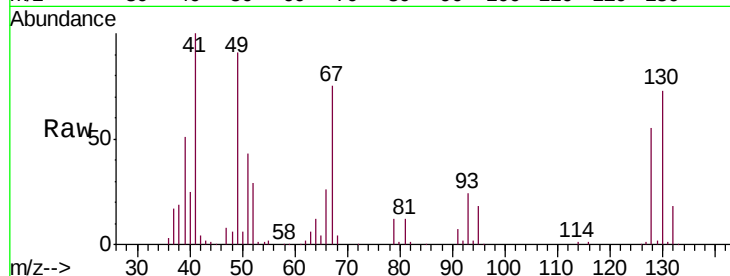




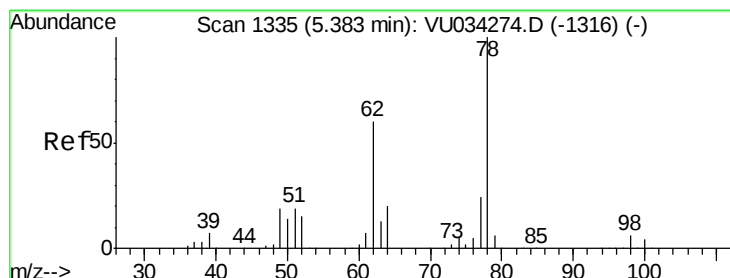
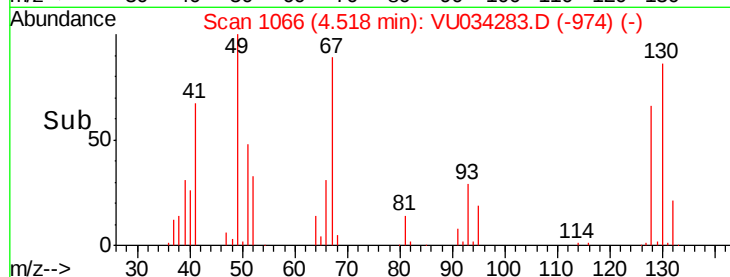
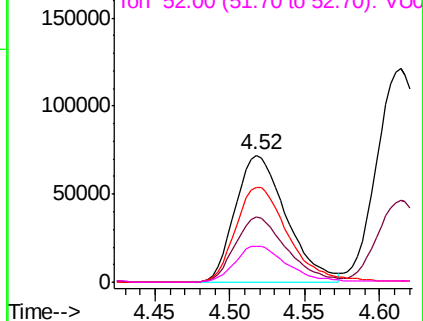
#41
Methacrylonitrile
Concen: 51.999 ug/l
RT: 4.52 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	170816
Ion	Ratio	Lower	Upper
41	100		
39	51.2	41.0	61.4
67	78.2	62.4	93.6
52	28.3	23.6	35.4

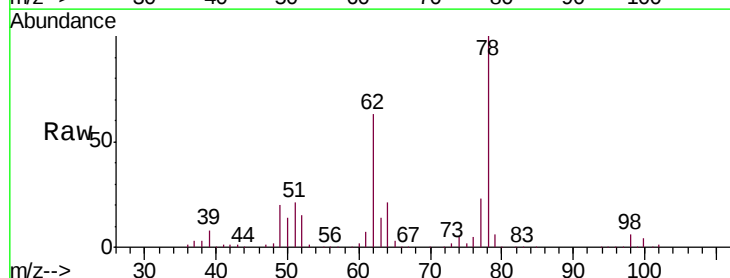


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

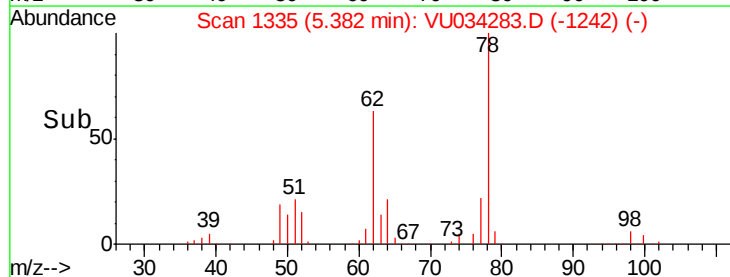
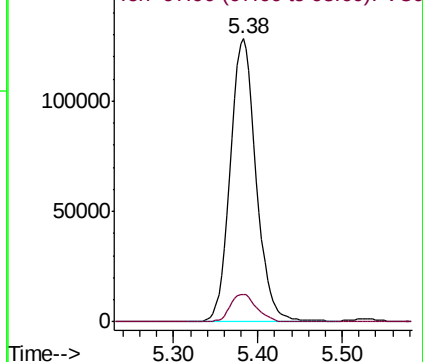


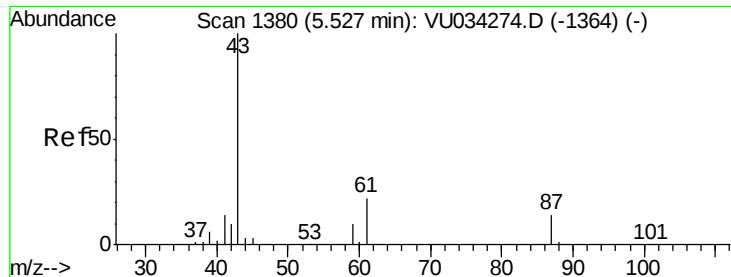
#42
1,2-Dichloroethane
Concen: 46.963 ug/l
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Tgt Ion:	62	Resp:	274433
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: 50.497 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

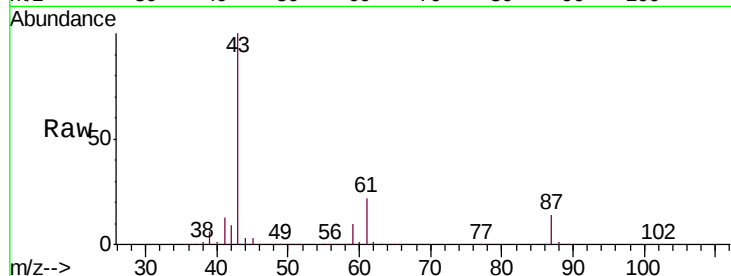
Tgt Ion: 43 Resp: 485815

Ion Ratio Lower Upper

43 100

61 22.0 17.1 25.7

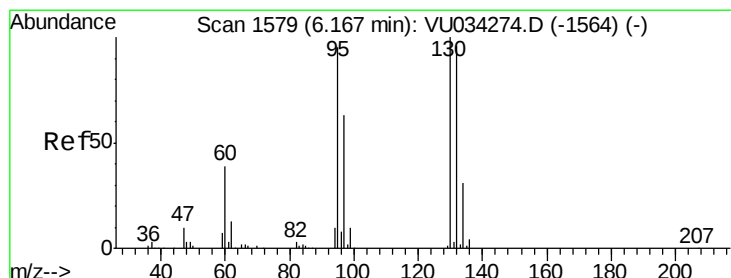
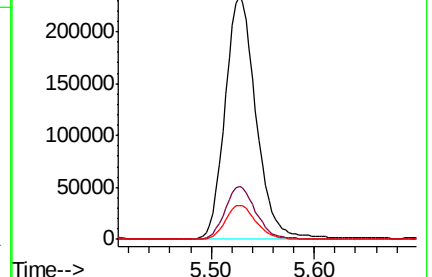
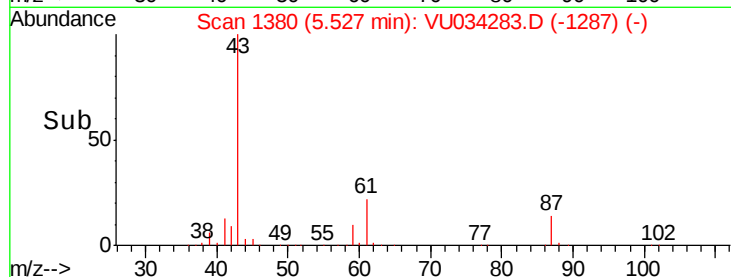
87 14.1 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VU034283.D (-1287) (-)

Ion 61.00 (60.70 to 61.70): VU034283.D (-1287) (-)

Ion 87.00 (86.70 to 87.70): VU034283.D (-1287) (-)



#44

Trichloroethene

Concen: 46.273 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034283.D

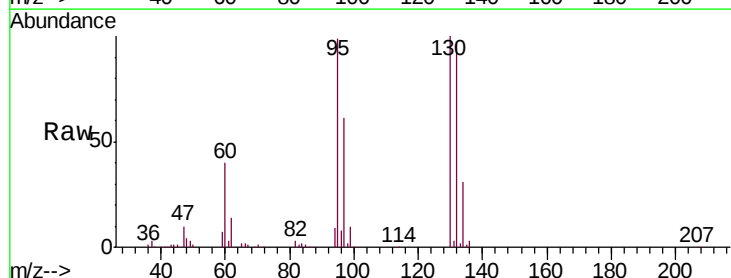
Acq: 05 Sep 2019 14:59

Tgt Ion: 130 Resp: 215516

Ion Ratio Lower Upper

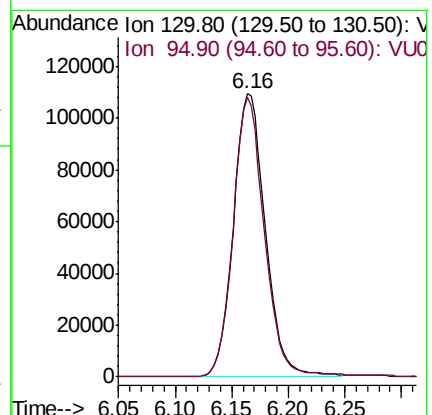
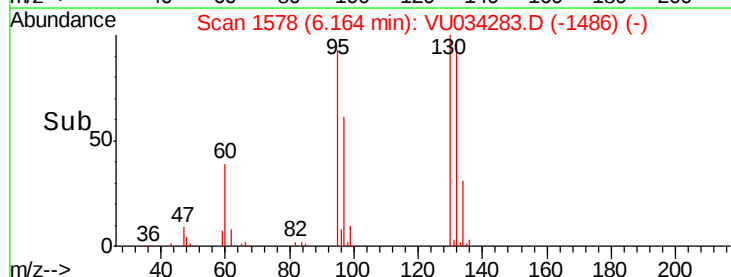
130 100

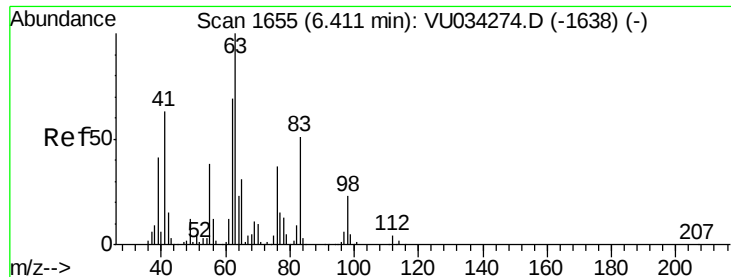
95 98.6 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VU034283.D (-1486) (-)

Ion 94.90 (94.60 to 95.60): VU034283.D (-1486) (-)





#45

1,2-Dichloropropane

Concen: 47.437 ug/l

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

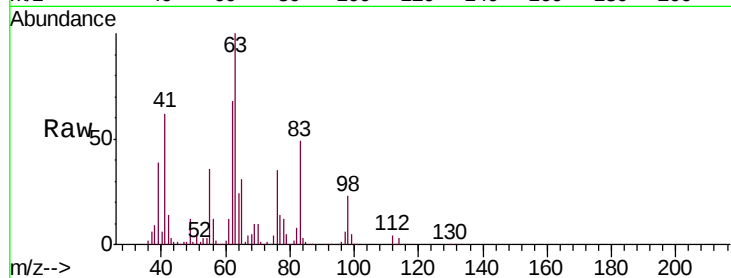
VSTDCCC050EC

Tgt Ion: 63 Resp: 233410

Ion Ratio Lower Upper

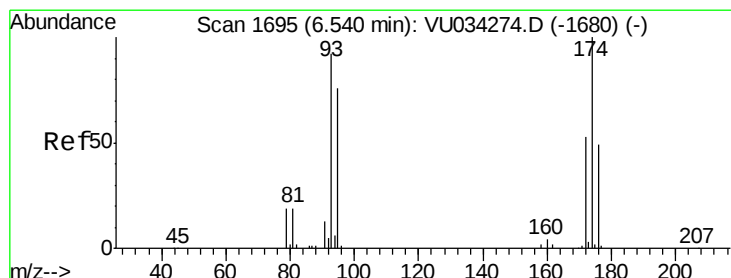
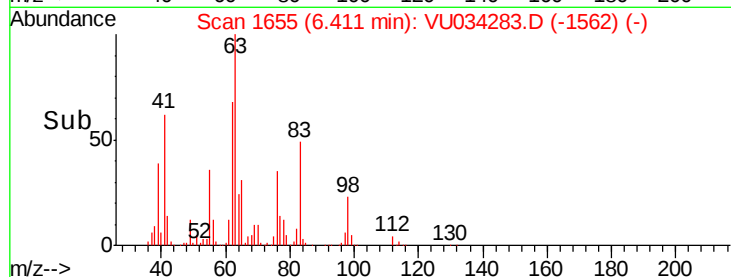
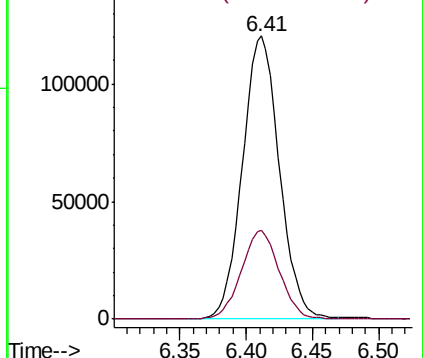
63 100

65 31.4 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VU034274.D (-1638) (-)

Ion 64.90 (64.60 to 65.60): VU034274.D (-1638) (-)



#46

Dibromomethane

Concen: 47.321 ug/l

RT: 6.54 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

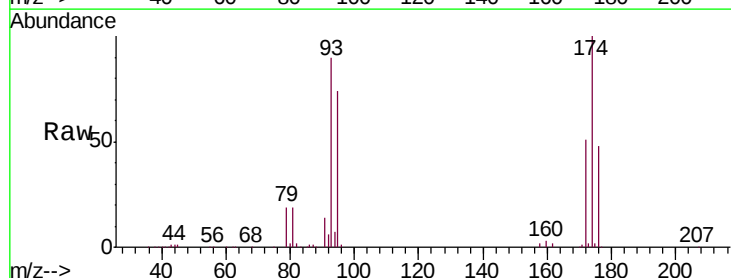
Tgt Ion: 93 Resp: 146156

Ion Ratio Lower Upper

93 100

95 83.7 66.5 99.7

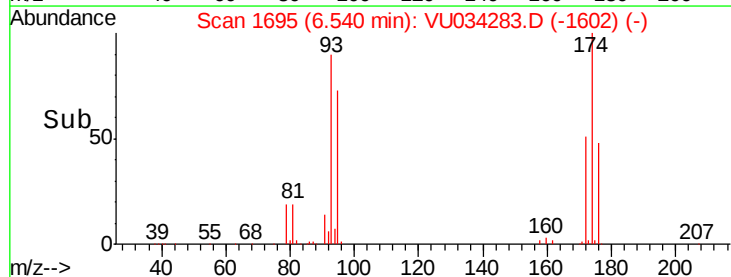
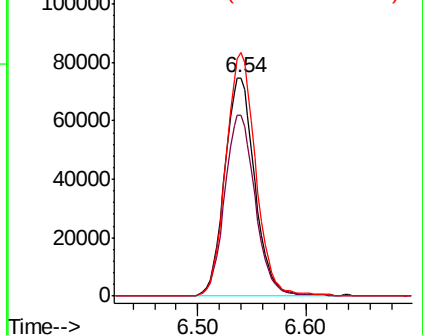
174 109.8 87.8 131.6

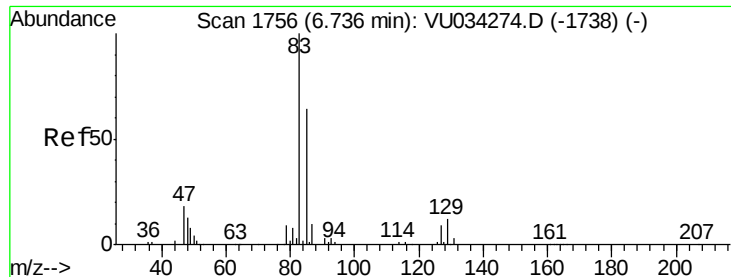


Abundance Ion 92.80 (92.50 to 93.50): VU034274.D (-1680) (-)

Ion 94.80 (94.50 to 95.50): VU034274.D (-1680) (-)

Ion 173.70 (173.40 to 174.40): VU034274.D (-1680) (-)





#47

Bromodichloromethane

Concen: 47.362 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

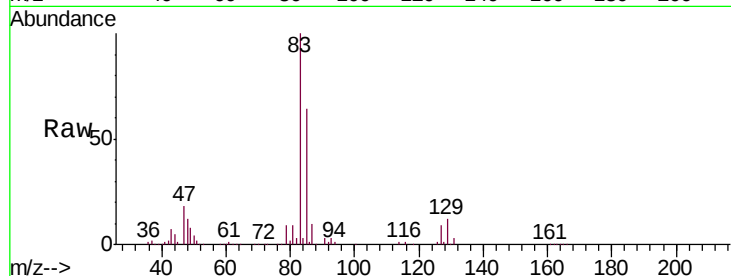
Tgt Ion: 83 Resp: 301105

Ion Ratio Lower Upper

83 100

85 64.2 51.1 76.7

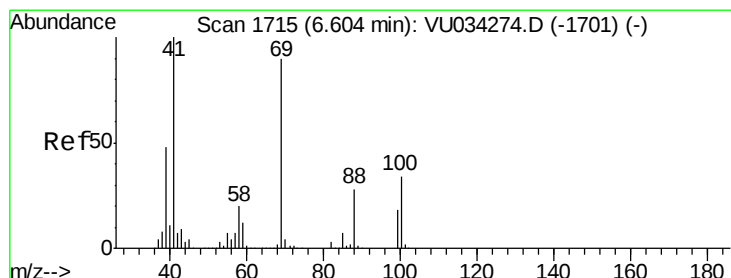
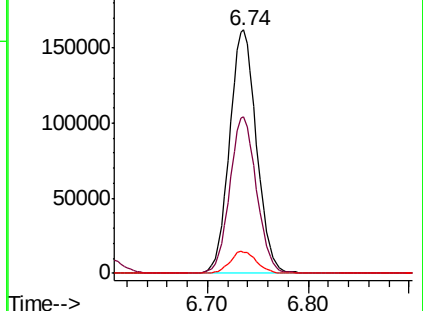
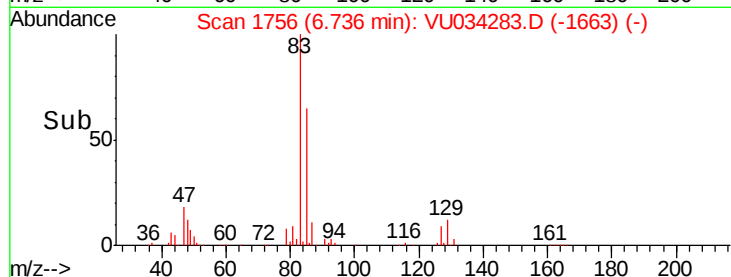
127 8.8 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VU034283.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU034283.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU034283.D (-1663) (-)



#48

Methyl methacrylate

Concen: 50.180 ug/l

RT: 6.60 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

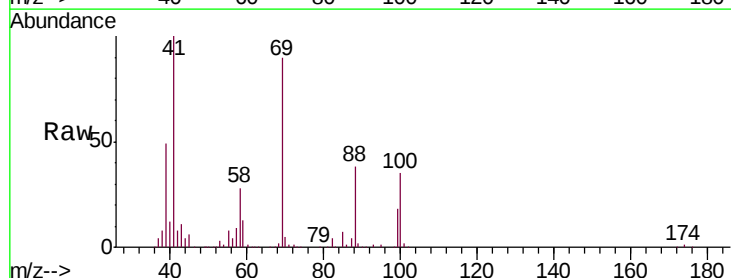
Tgt Ion: 41 Resp: 229293

Ion Ratio Lower Upper

41 100

69 91.9 72.8 109.2

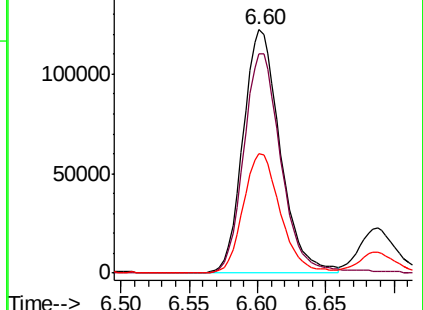
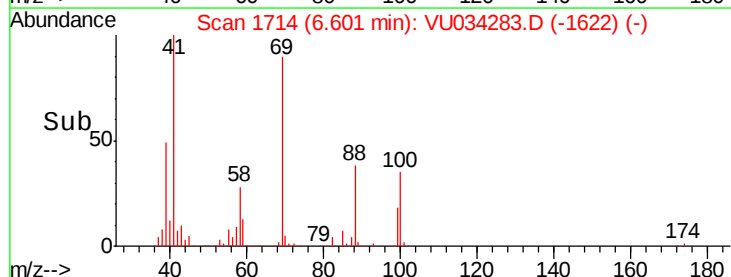
39 49.0 38.6 58.0

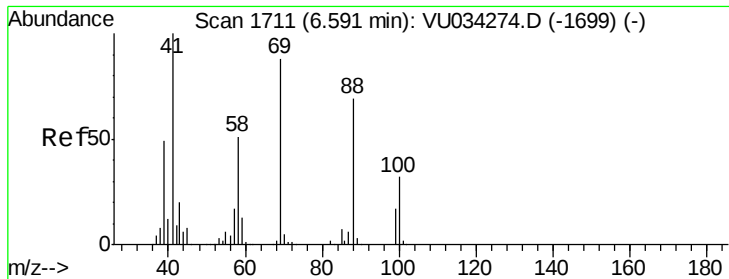


Abundance Ion 41.00 (40.70 to 41.70): VU034283.D (-1622) (-)

Ion 69.00 (68.70 to 69.70): VU034283.D (-1622) (-)

Ion 39.00 (38.70 to 39.70): VU034283.D (-1622) (-)

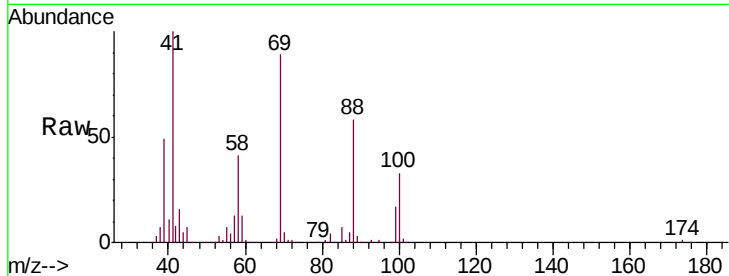




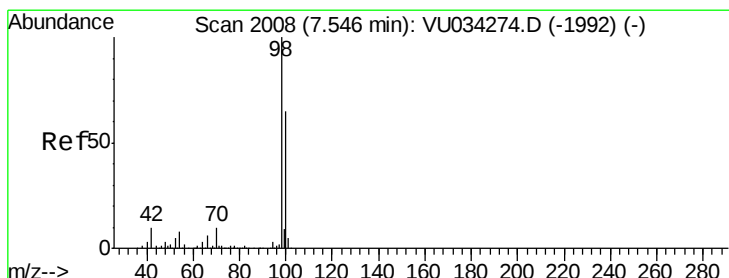
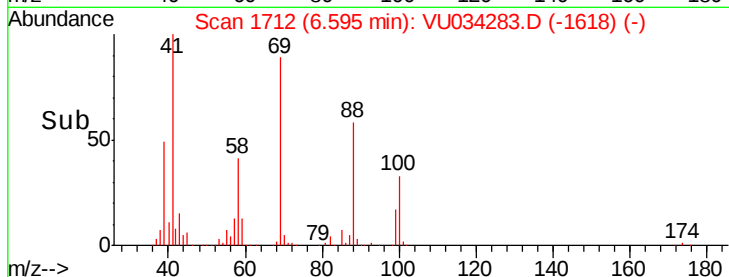
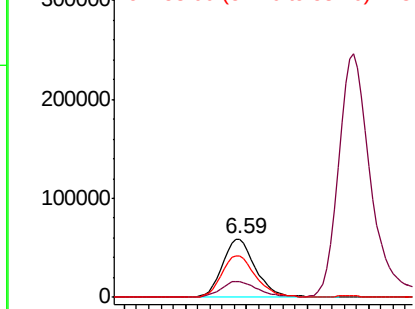
#49
1,4-Dioxane
Concen: 1106.950 ug/l
RT: 6.59 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 110451
Ion Ratio Lower Upper
88 100
43 28.2 23.8 35.6
58 75.1 58.4 87.6

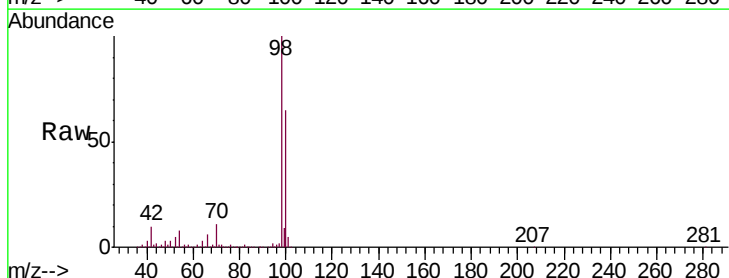


Abundance Ion 88.00 (87.70 to 88.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0

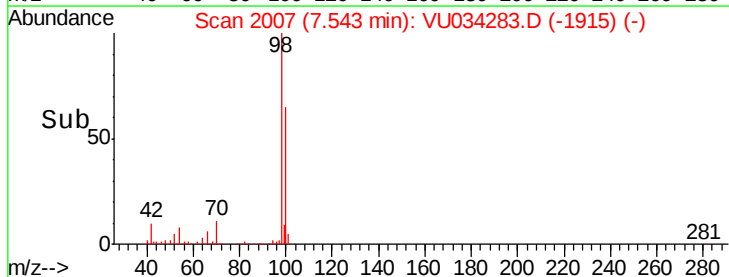
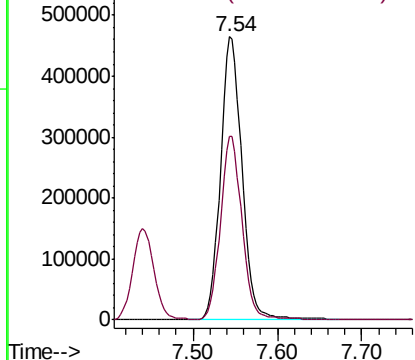


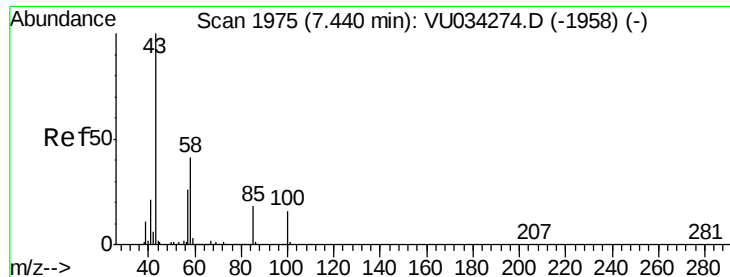
#50
Toluene-d8
Concen: 49.001 ug/l
RT: 7.54 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Tgt Ion: 98 Resp: 823913
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



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

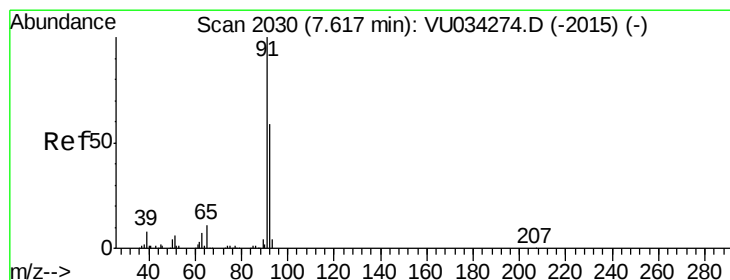
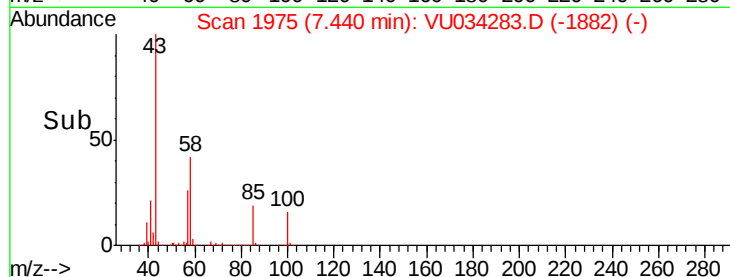
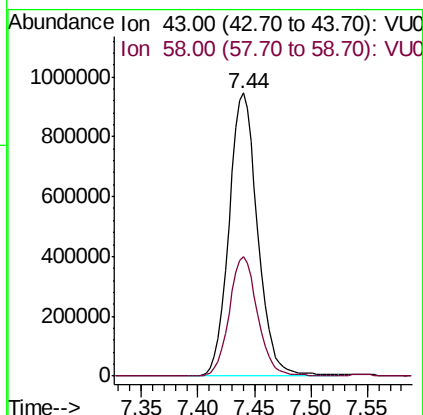
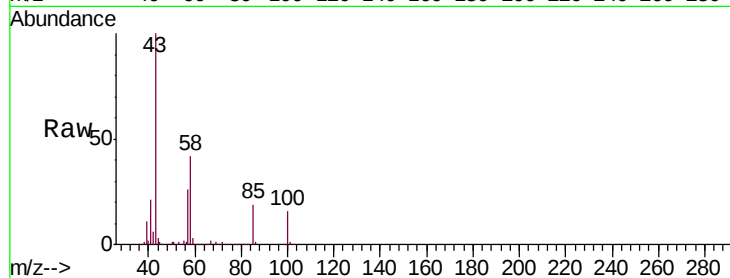




#51
 4-Methyl-2-Pentanone
 Concen: 249.769 ug/l
 RT: 7.44 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

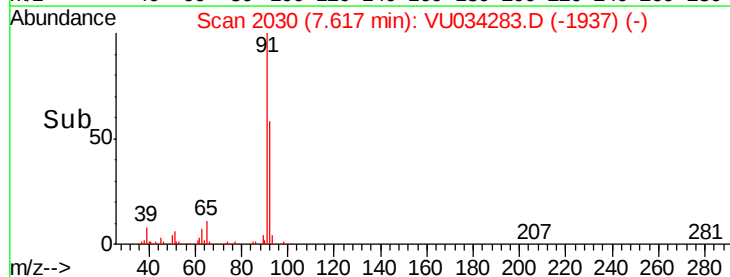
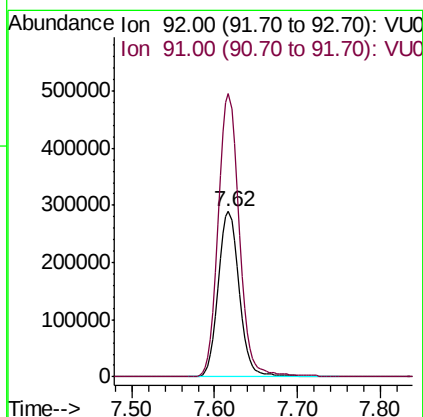
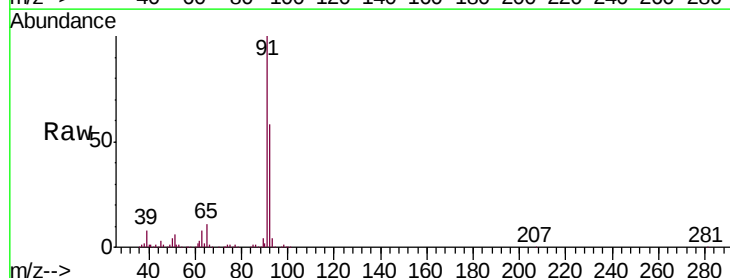
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

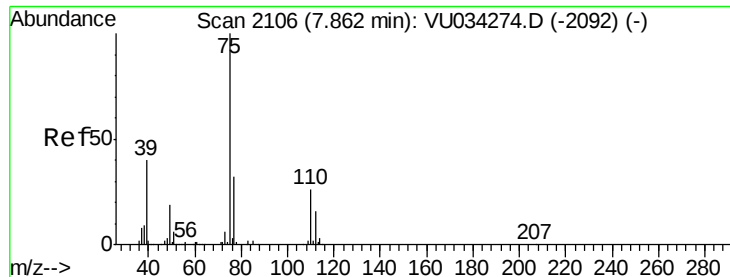
Tgt Ion: 43 Resp: 1663310
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.0 49.4



#52
 Toluene
 Concen: 48.228 ug/l
 RT: 7.62 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

Tgt Ion: 92 Resp: 509205
 Ion Ratio Lower Upper
 92 100
 91 170.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 49.700 ug/l

RT: 7.86 min Scan# 2105

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

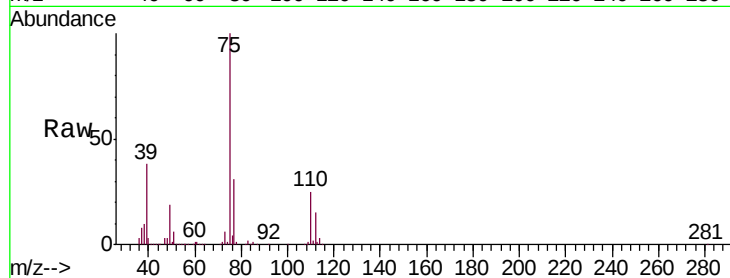
VSTDCCC050EC

Tgt Ion: 75 Resp: 327543

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VU034283.D (-1823) (-)

Ion 76.90 (76.60 to 77.60): VU034283.D (-1823) (-)

7.86

200000

150000

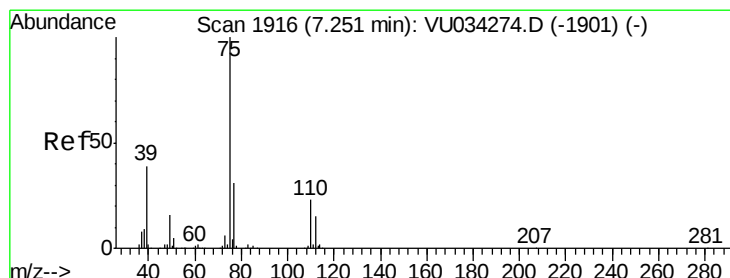
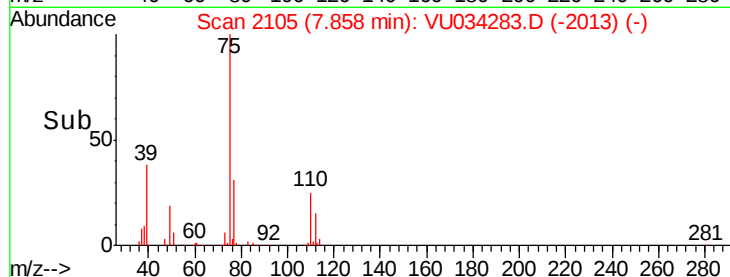
100000

50000

0

7.80 7.90 8.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.949 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

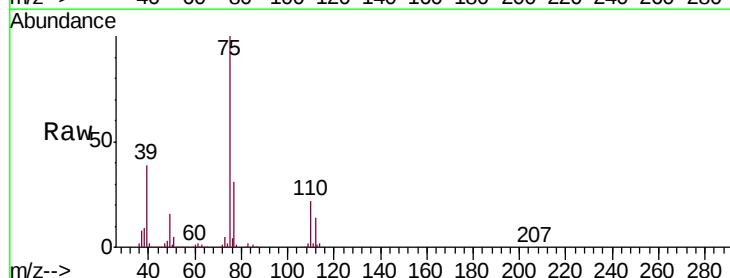
Tgt Ion: 75 Resp: 361290

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

39 39.3 31.2 46.8



Abundance Ion 74.90 (74.60 to 75.60): VU034283.D (-1823) (-)

Ion 76.90 (76.60 to 77.60): VU034283.D (-1823) (-)

Ion 39.00 (38.70 to 39.70): VU034283.D (-1823) (-)

7.25

250000

200000

150000

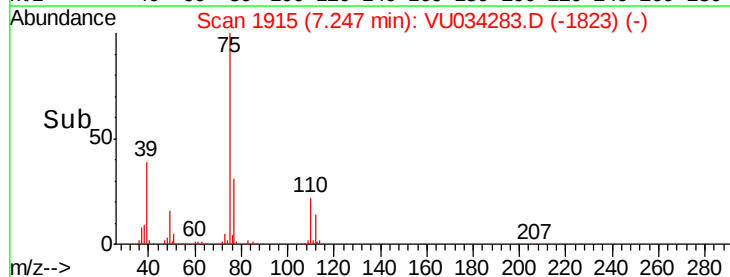
100000

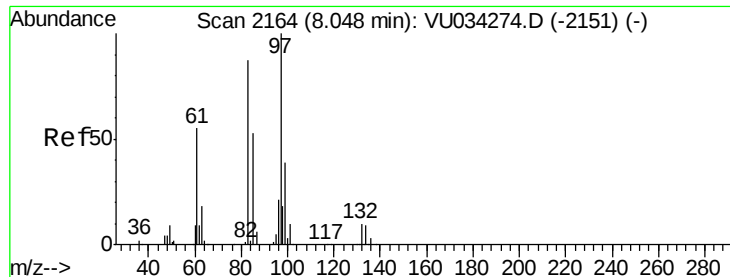
50000

0

7.20 7.30 7.40

Time-->





#55

1,1,2-Trichloroethane

Concen: 47.852 ug/l

RT: 8.04 min Scan# 2163

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 229414

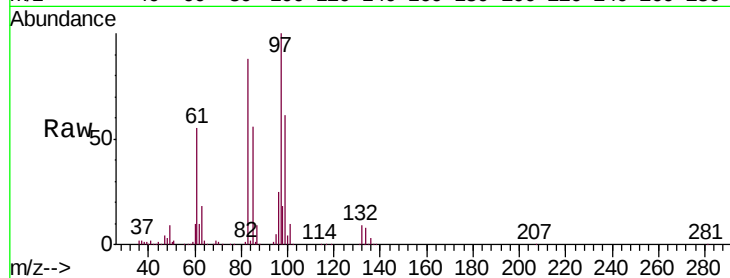
Ion Ratio Lower Upper

97 100

83 87.6 69.0 103.6

85 55.7 44.2 66.2

99 60.5 49.4 74.0

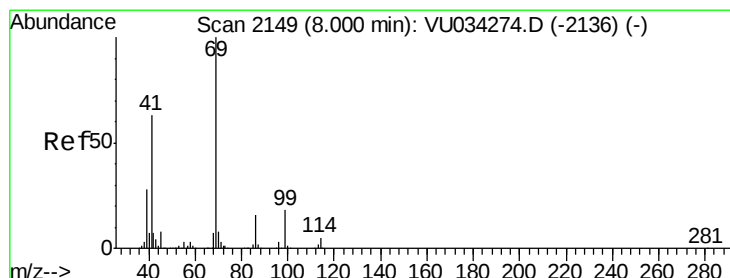
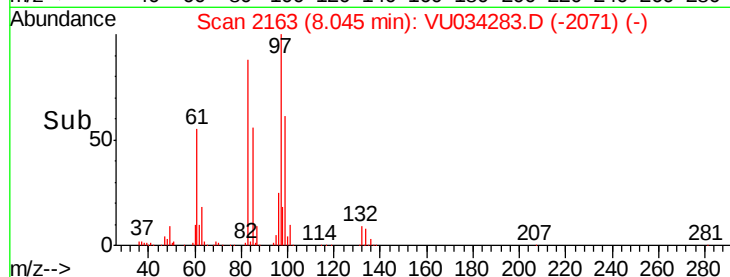
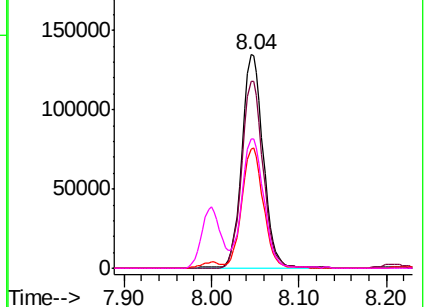


Abundance Ion 96.90 (96.60 to 97.60): VU0

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: 47.719 ug/l

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

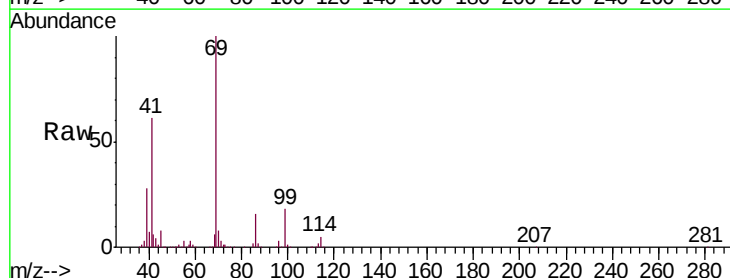
Tgt Ion: 69 Resp: 346490

Ion Ratio Lower Upper

69 100

41 60.9 49.5 74.3

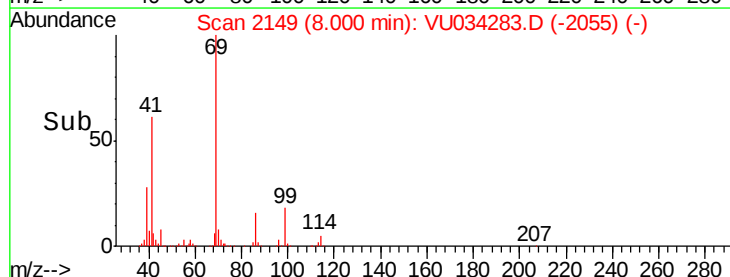
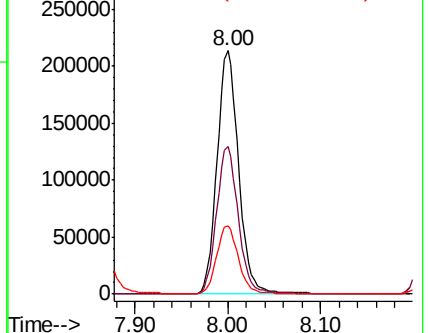
39 27.9 22.5 33.7

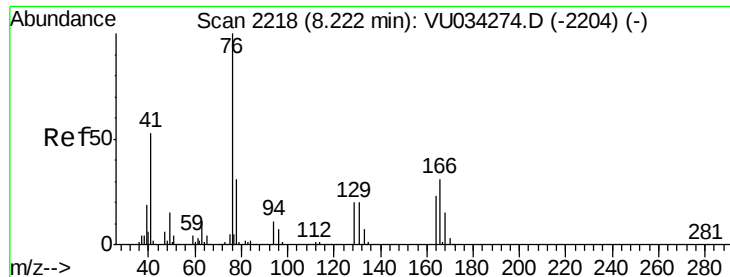


Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 48.119 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

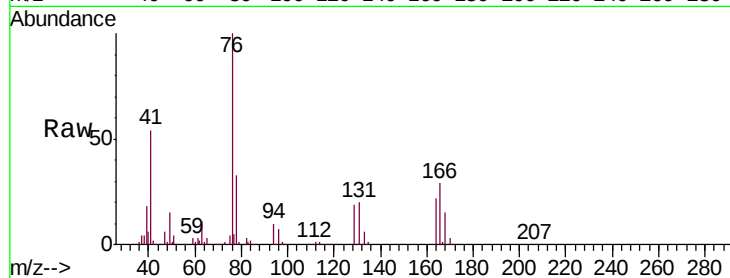
VSTDCCC050EC

Tgt Ion: 76 Resp: 375650

Ion Ratio Lower Upper

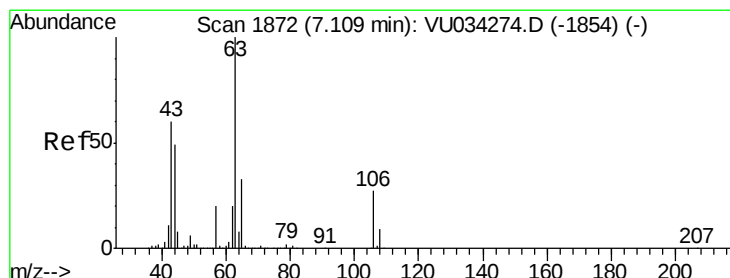
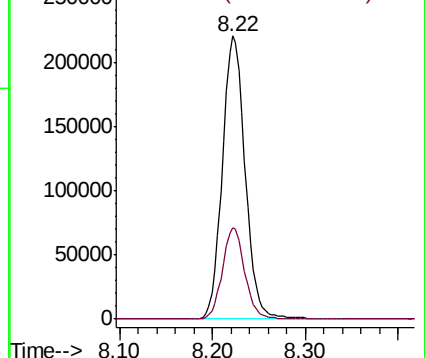
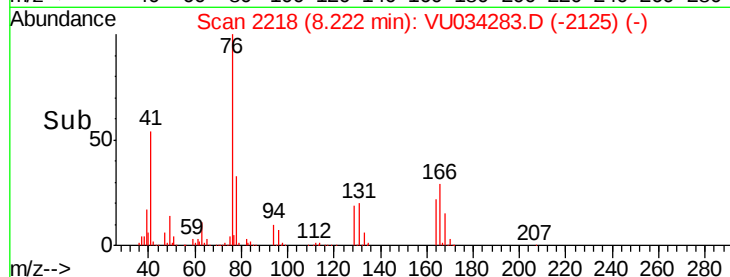
76 100

78 31.8 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VU034283.D (-2125) (-)

Ion 77.90 (77.60 to 78.60): VU034283.D (-2125) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 265.428 ug/l

RT: 7.11 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VU034283.D

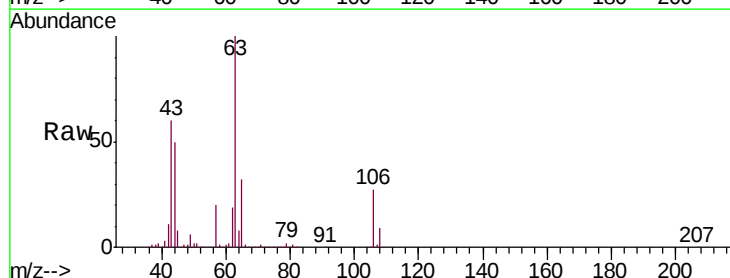
Acq: 05 Sep 2019 14:59

Tgt Ion: 63 Resp: 656793

Ion Ratio Lower Upper

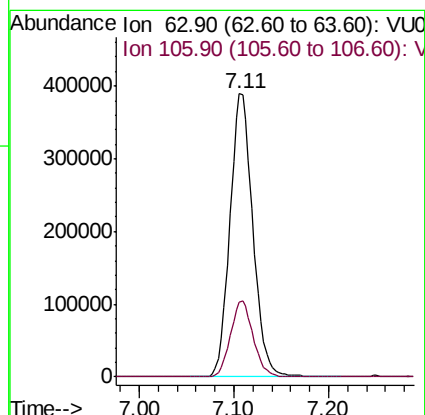
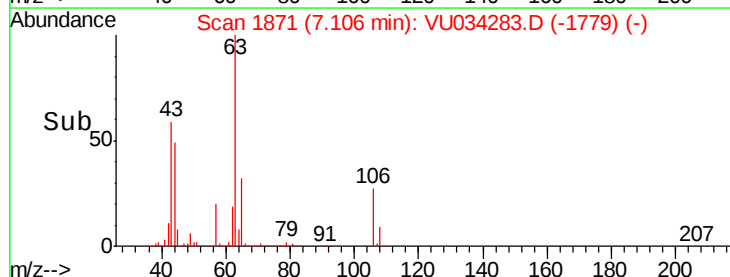
63 100

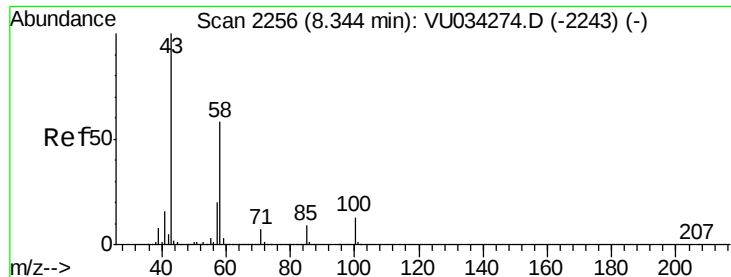
106 26.8 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VU034283.D (-1779) (-)

Ion 105.90 (105.60 to 106.60): VU034283.D (-1779) (-)

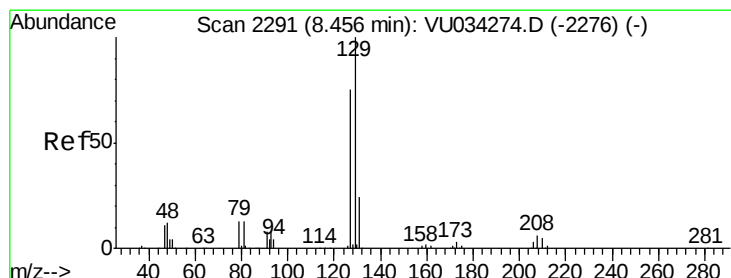
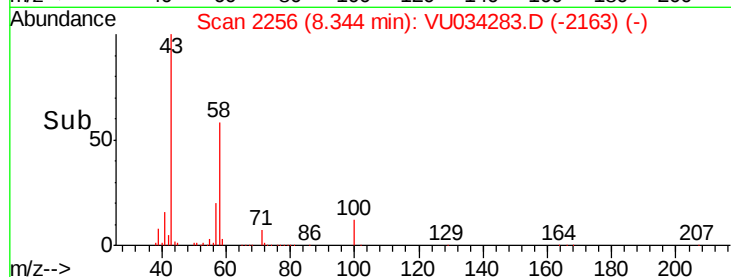
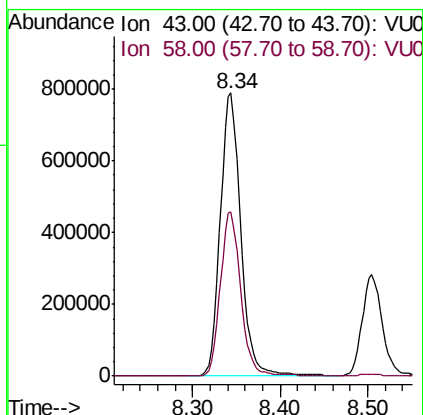
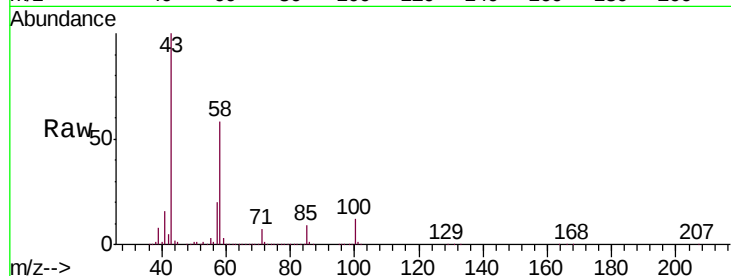




#59
2-Hexanone
Concen: 258.552 ug/l
RT: 8.34 min Scan# 2256
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

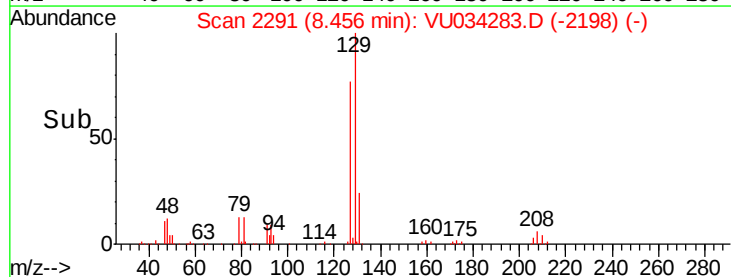
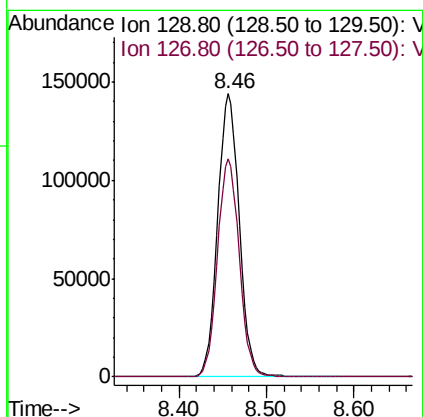
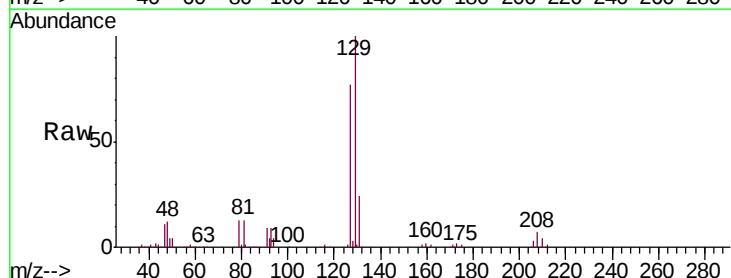
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

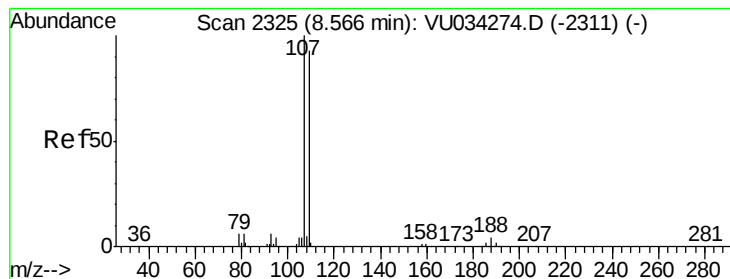
Tgt Ion: 43 Resp: 1286272
Ion Ratio Lower Upper
43 100
58 58.0 28.8 86.5



#60
Dibromochloromethane
Concen: 48.054 ug/l
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Tgt Ion: 129 Resp: 247108
Ion Ratio Lower Upper
129 100
127 77.3 37.9 113.7





#61

1,2-Dibromoethane

Concen: 48.298 ug/l

RT: 8.57 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

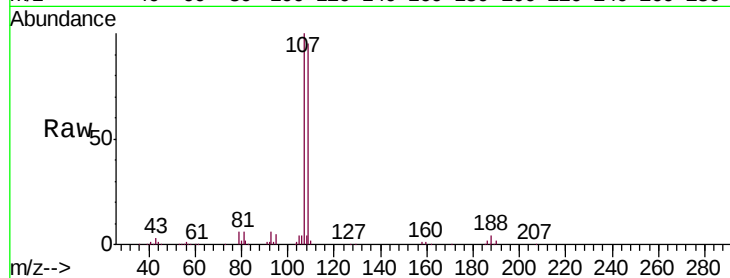
VSTDCCC050EC

Tgt Ion: 107 Resp: 226638

Ion Ratio Lower Upper

107 100

109 94.8 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

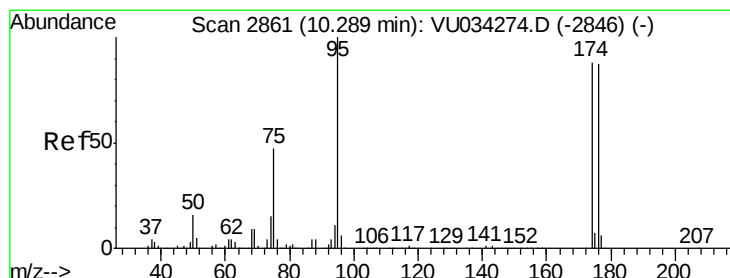
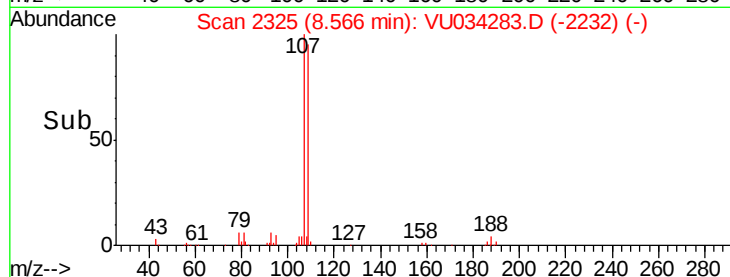
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.924 ug/l

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

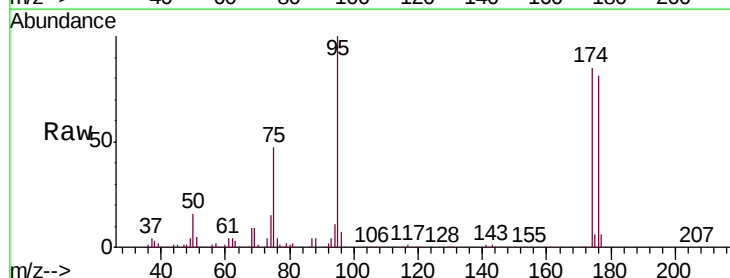
Tgt Ion: 95 Resp: 311117

Ion Ratio Lower Upper

95 100

174 86.0 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

250000

200000

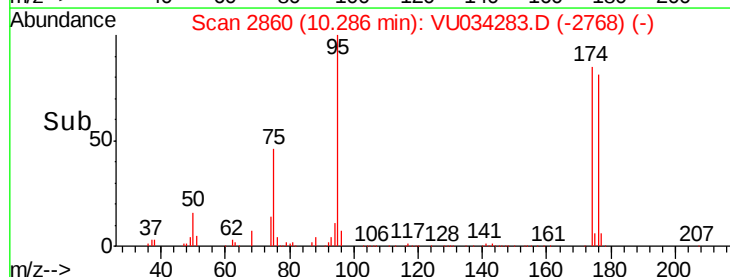
150000

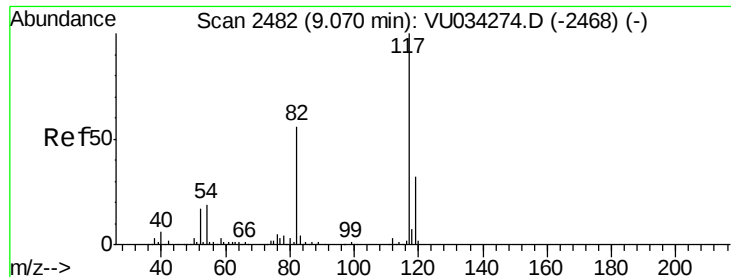
100000

50000

0

Time-->

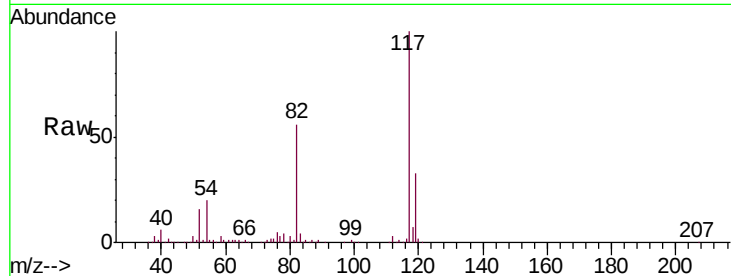




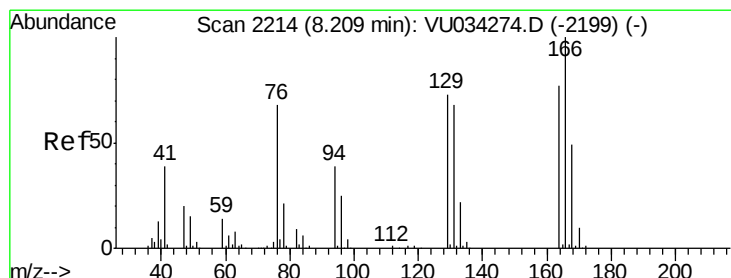
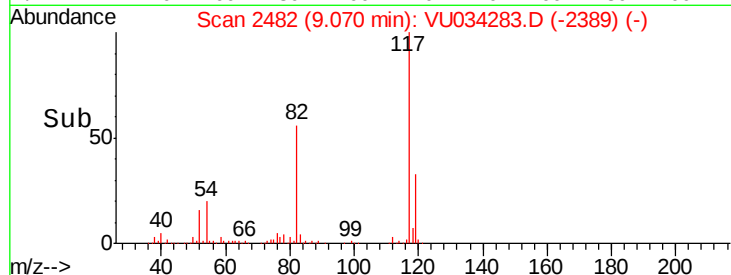
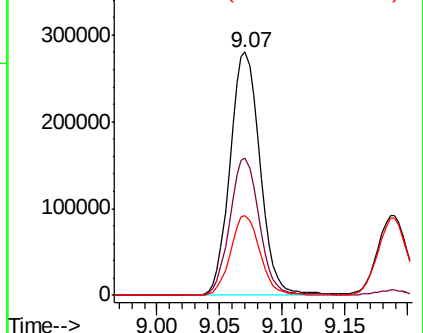
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 467964
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 33.0 25.9 38.9

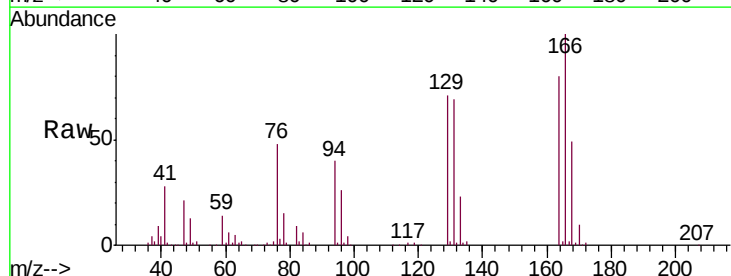


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

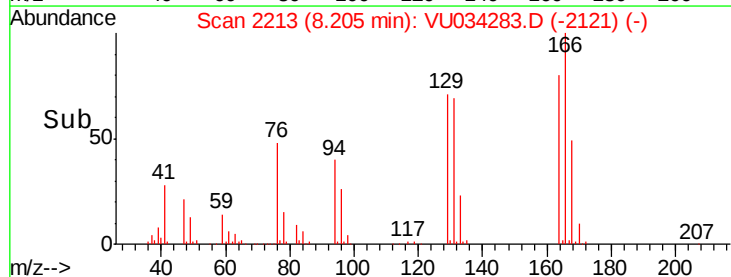
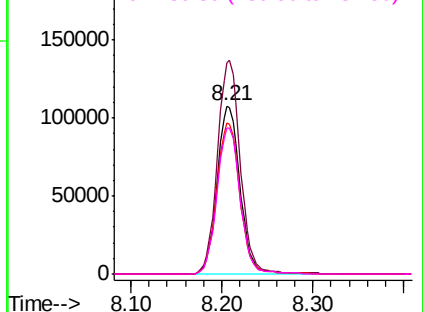


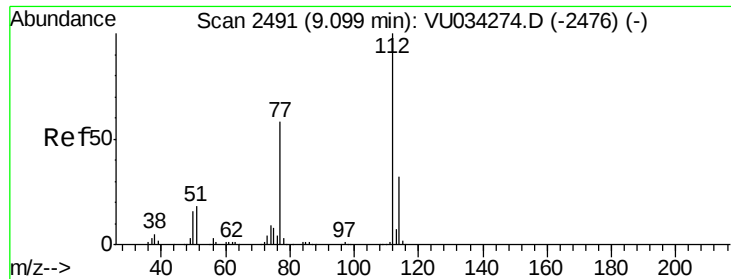
#64
Tetrachloroethene
Concen: 46.561 ug/l
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Tgt Ion:164 Resp: 189029
Ion Ratio Lower Upper
164 100
166 125.7 103.7 155.5
129 89.7 75.8 113.8
131 87.2 70.7 106.1



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





#65

Chlorobenzene

Concen: 49.480 ug/l

RT: 9.10 min Scan# 2491

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

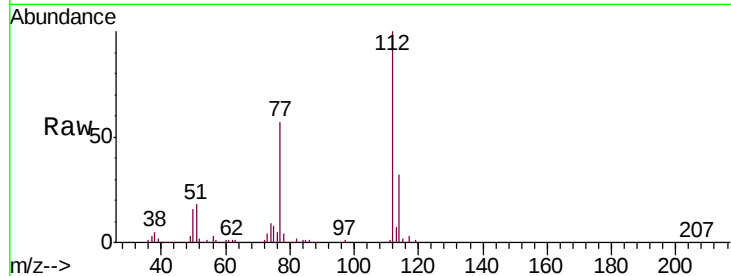
VSTDCCC050EC

Tgt Ion:112 Resp: 587445

Ion Ratio Lower Upper

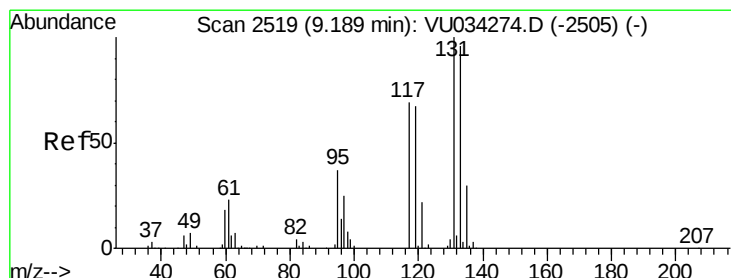
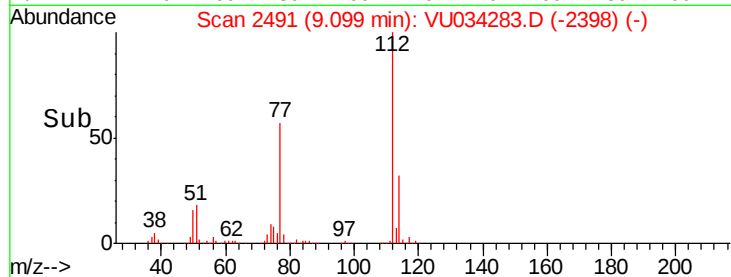
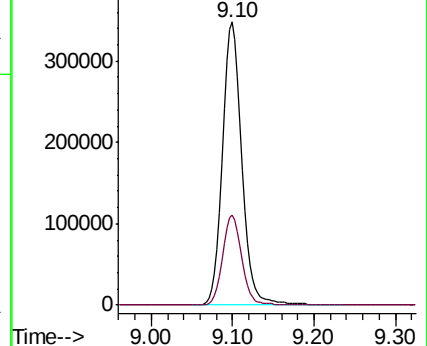
112 100

114 31.6 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.091 ug/l

RT: 9.19 min Scan# 2519

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

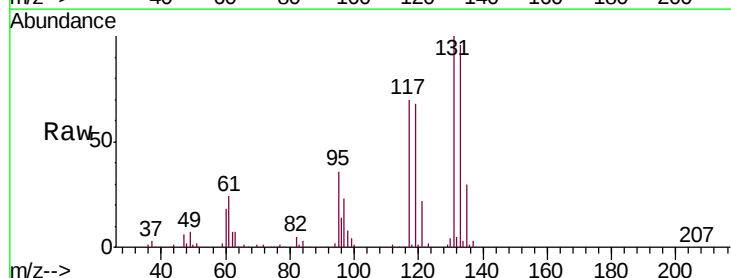
Tgt Ion:131 Resp: 217898

Ion Ratio Lower Upper

131 100

133 95.1 47.9 143.7

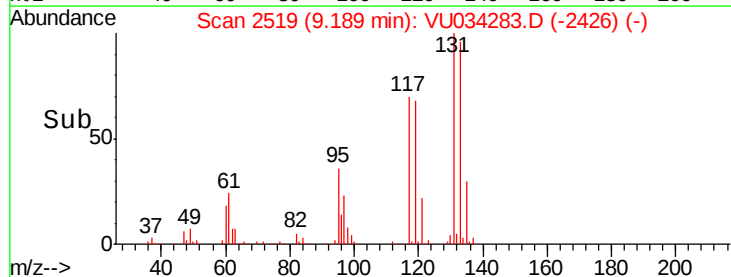
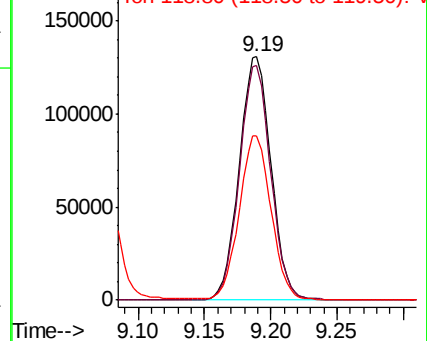
119 67.5 33.1 99.5

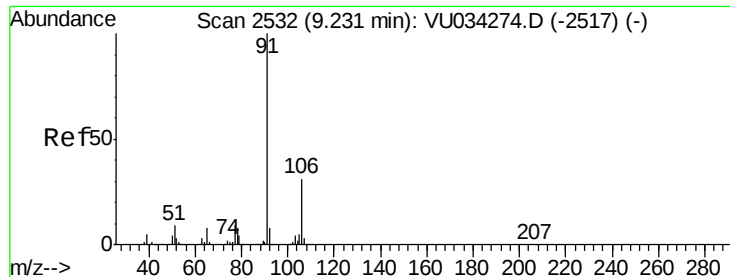


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.435 ug/l

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

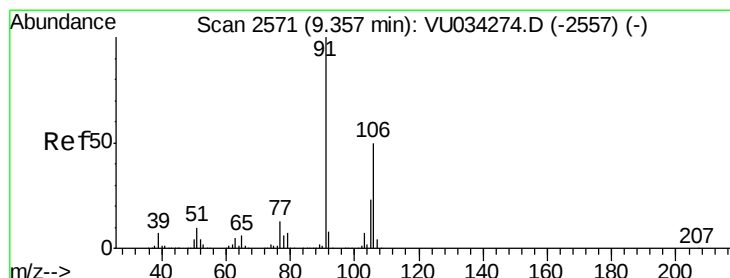
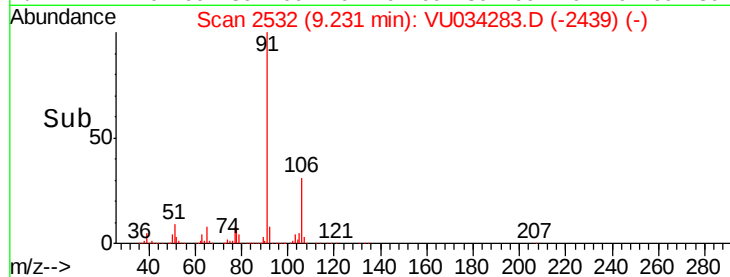
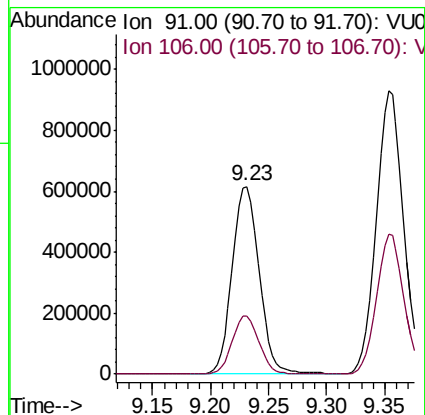
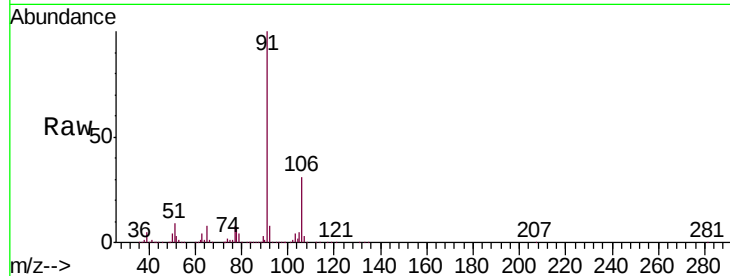
VSTDCCC050EC

Tgt Ion: 91 Resp: 998460

Ion Ratio Lower Upper

91 100

106 30.7 24.8 37.2



#68

m/p-Xylenes

Concen: 105.012 ug/l

RT: 9.35 min Scan# 2570

Delta R.T. -0.00 min

Lab File: VU034283.D

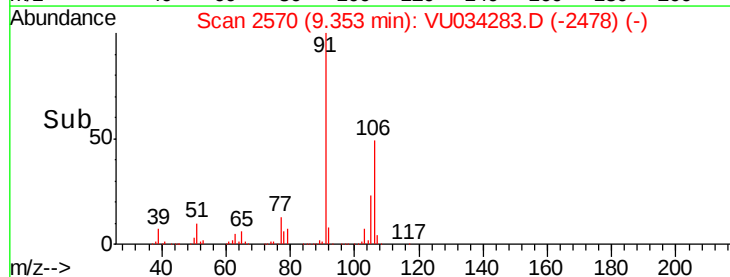
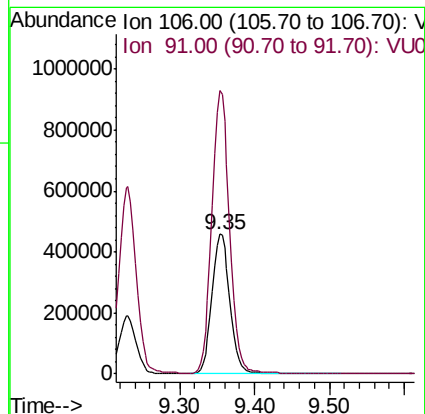
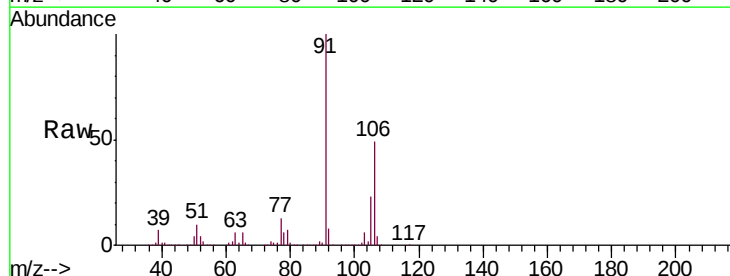
Acq: 05 Sep 2019 14:59

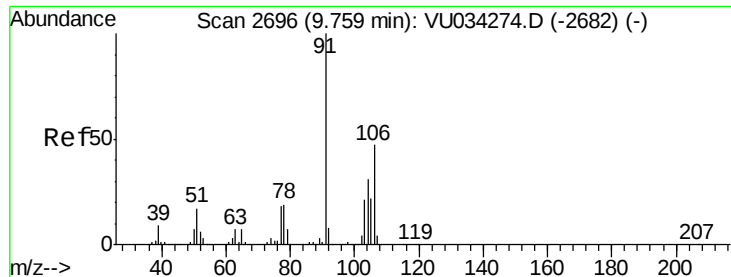
Tgt Ion: 106 Resp: 767620

Ion Ratio Lower Upper

106 100

91 200.3 160.1 240.1

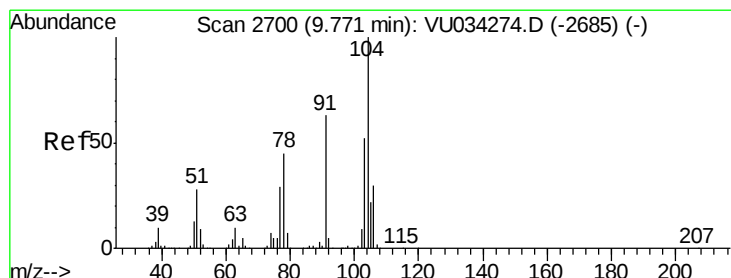
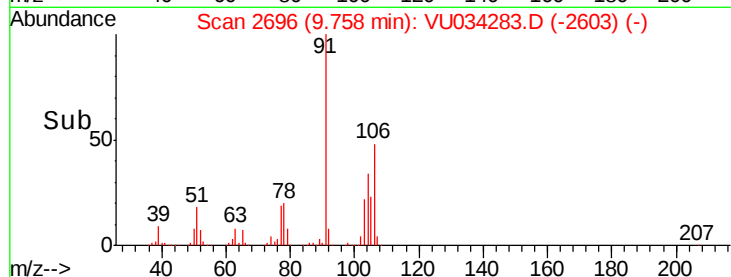
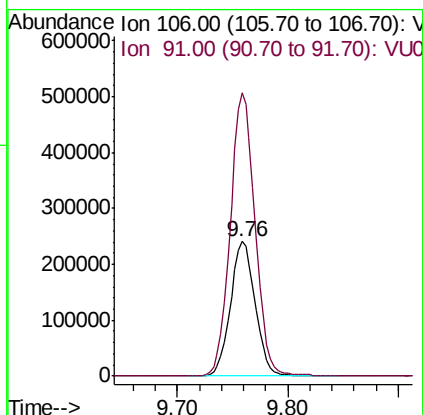
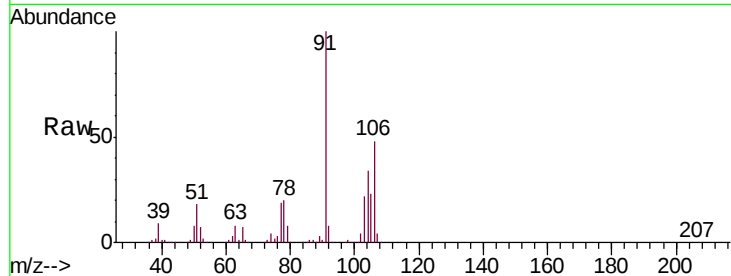




#69
o-Xylene
Concen: 52.395 ug/l
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

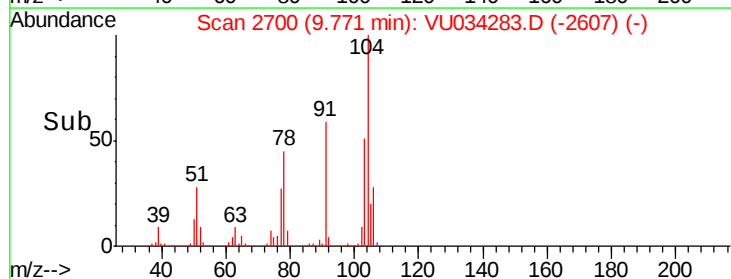
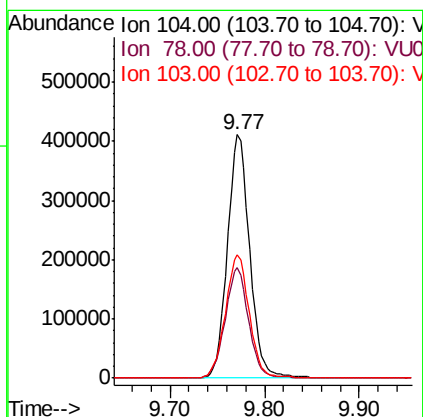
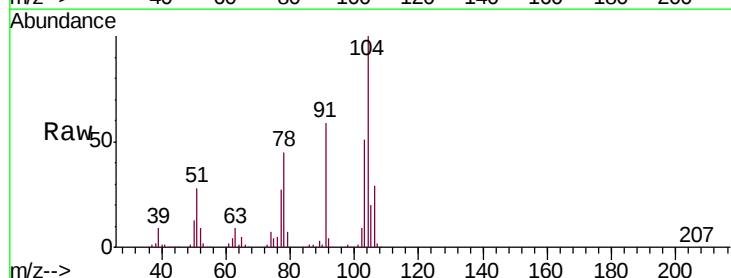
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

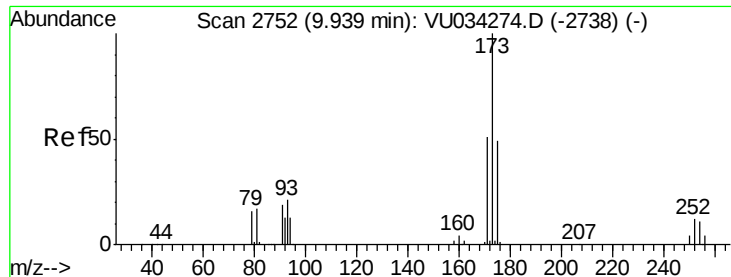
Tgt Ion:106 Resp: 374560
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.3



#70
Styrene
Concen: 53.807 ug/l
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Tgt Ion:104 Resp: 674392
Ion Ratio Lower Upper
104 100
78 47.9 38.6 57.8
103 54.3 44.2 66.4





#71

Bromoform

Concen: 49.882 ug/l

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

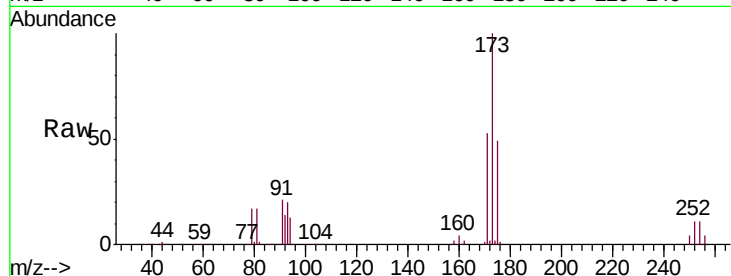
Tgt Ion:173 Resp: 195876

Ion Ratio Lower Upper

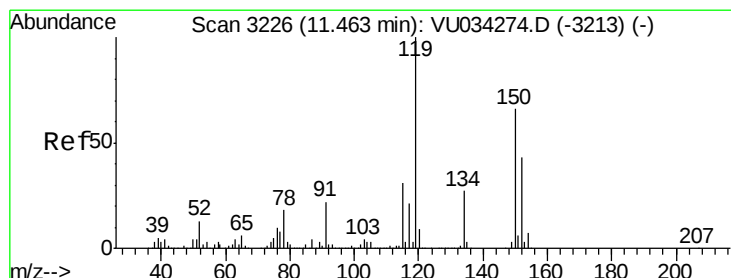
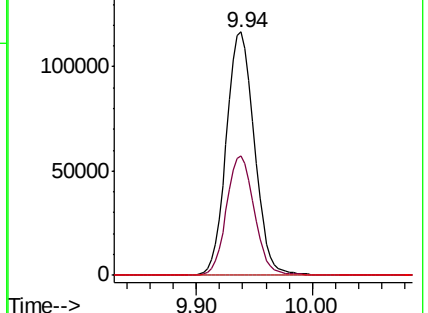
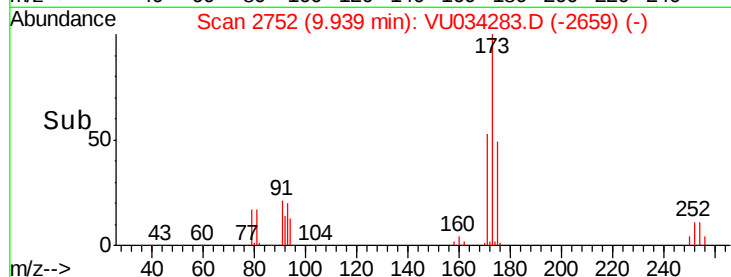
173 100

175 48.7 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: VU034283.D

Acq: 05 Sep 2019 14:59

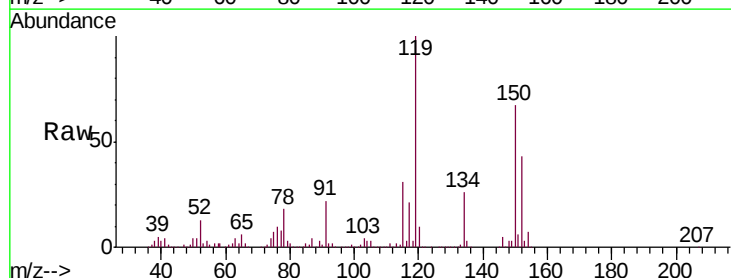
Tgt Ion:152 Resp: 309577

Ion Ratio Lower Upper

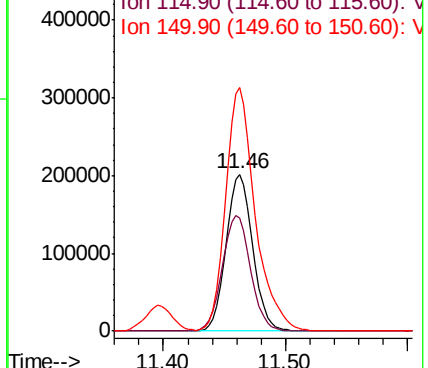
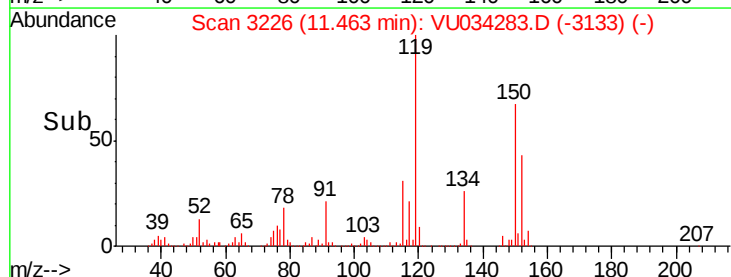
152 100

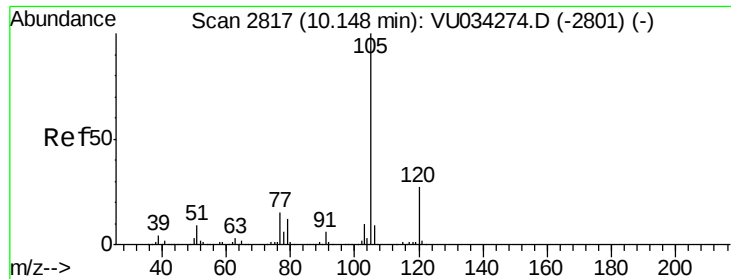
115 78.0 39.1 117.3

150 171.7 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: 50.973 ug/l

RT: 10.15 min Scan# 2817

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

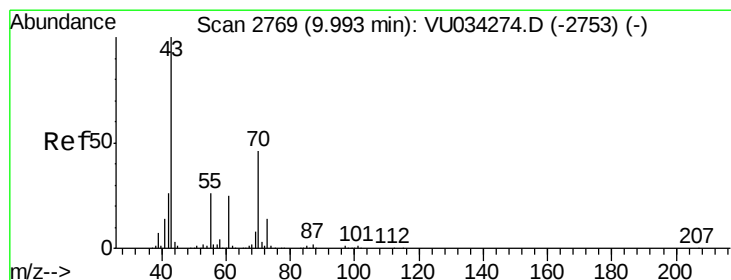
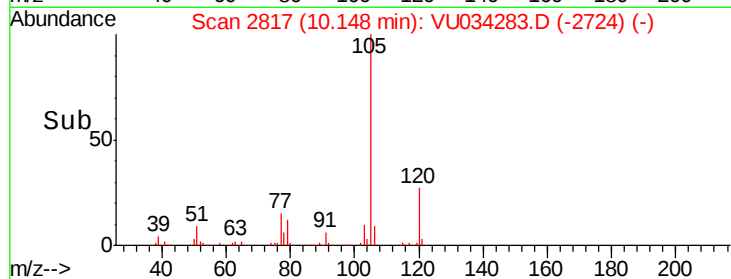
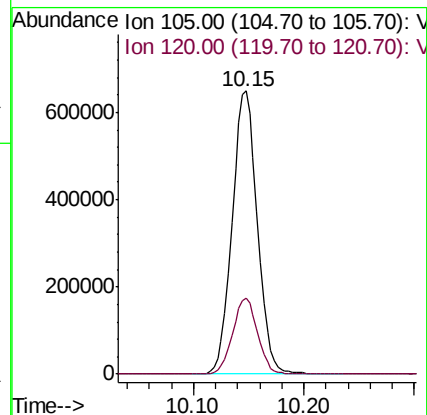
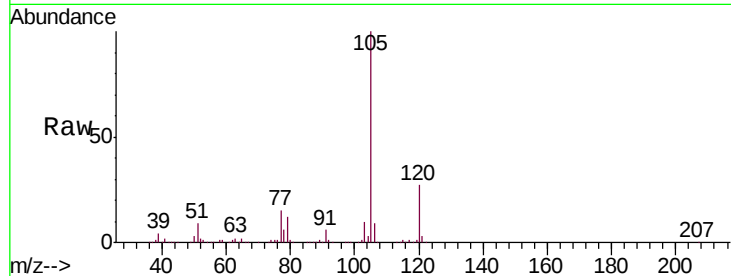
VSTDCCC050EC

Tgt Ion: 105 Resp: 1026939

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 55.546 ug/l

RT: 9.99 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Tgt Ion: 43 Resp: 450456

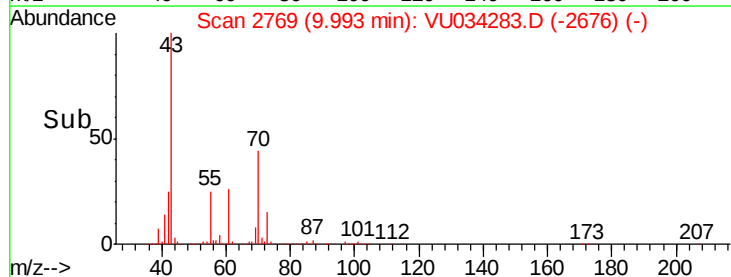
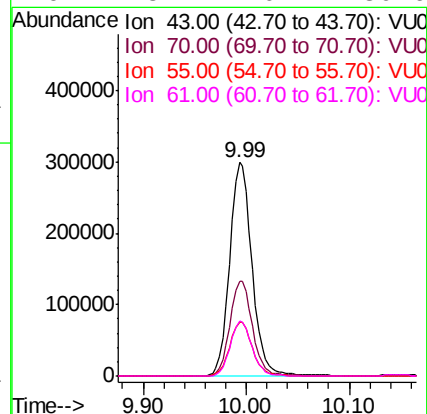
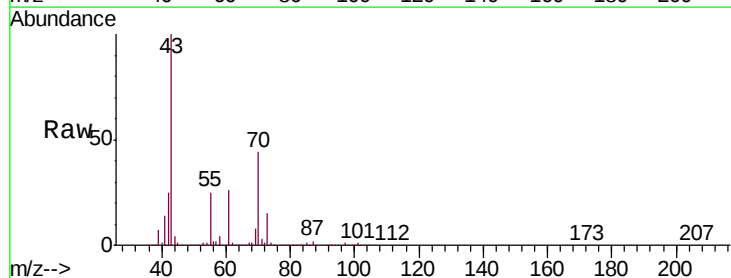
Ion Ratio Lower Upper

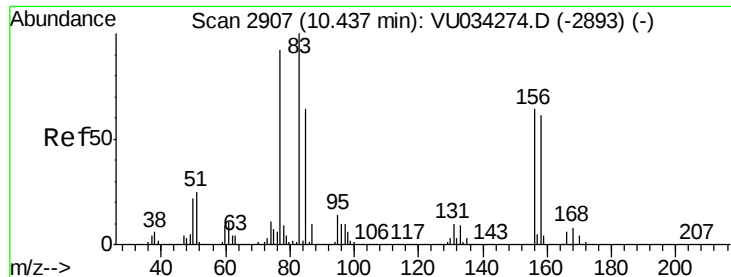
43 100

70 45.0 36.4 54.6

55 25.8 21.2 31.8

61 25.4 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.826 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

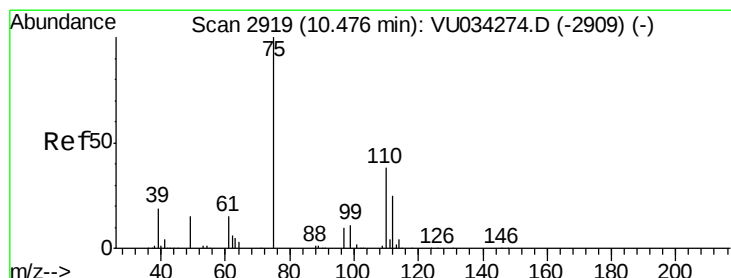
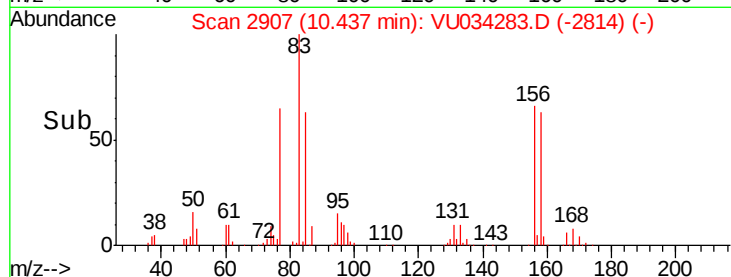
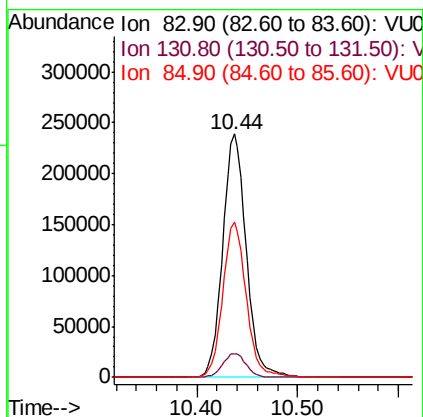
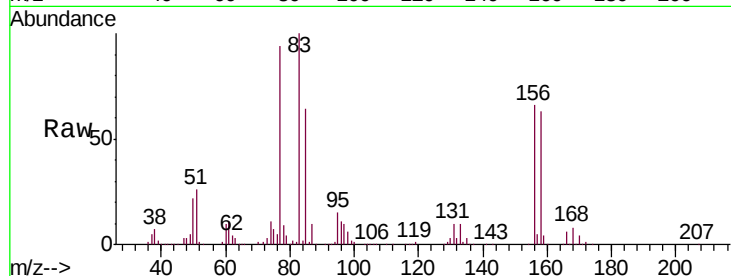
Tgt Ion: 83 Resp: 390014

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

85 63.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 64.094 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.00 min

Lab File: VU034283.D

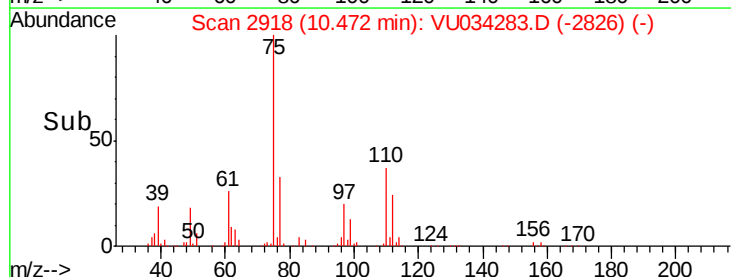
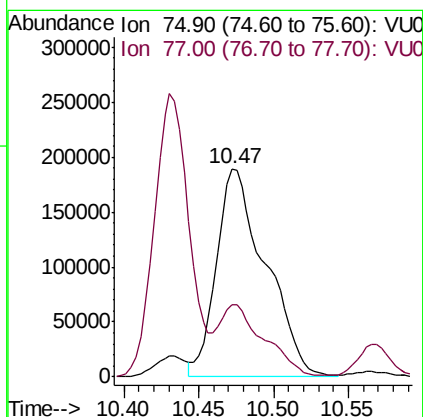
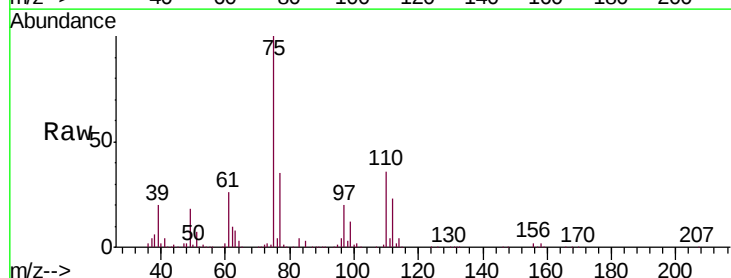
Acq: 05 Sep 2019 14:59

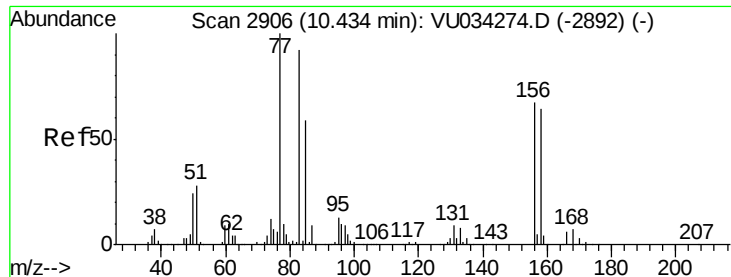
Tgt Ion: 75 Resp: 433117

Ion Ratio Lower Upper

75 100

77 31.2 20.8 62.2





#77

Bromobenzene

Concen: 49.687 ug/l

RT: 10.43 min Scan# 2906

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

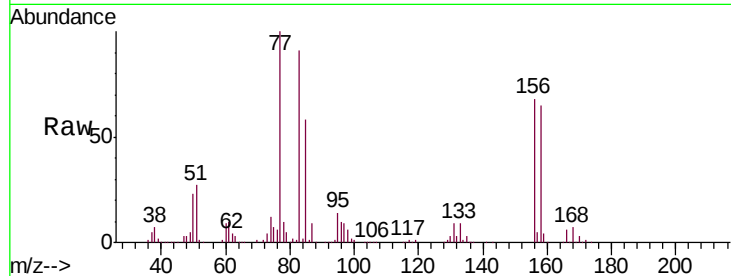
Tgt Ion:156 Resp: 279896

Ion Ratio Lower Upper

156 100

77 150.7 75.6 226.9

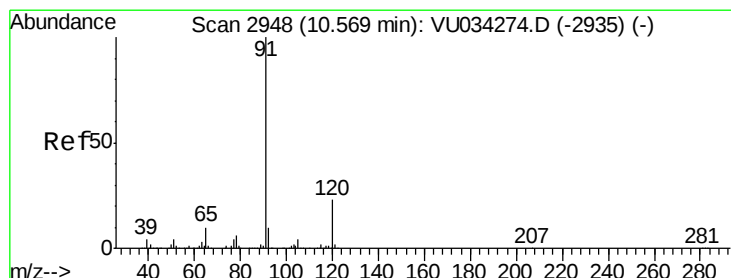
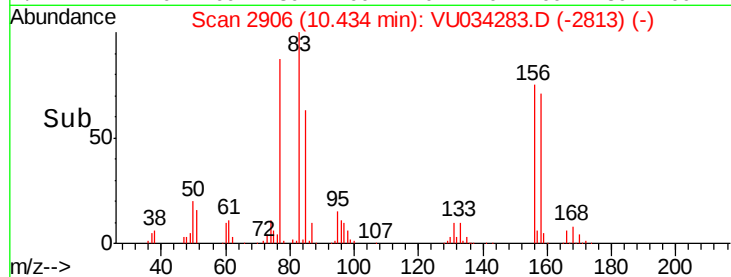
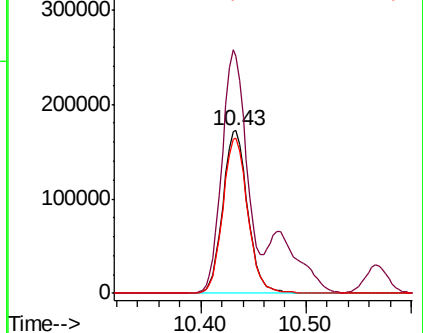
158 96.1 48.2 144.6



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: 51.610 ug/l

RT: 10.57 min Scan# 2947

Delta R.T. -0.00 min

Lab File: VU034283.D

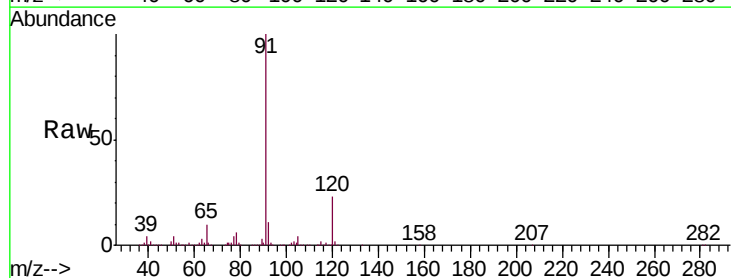
Acq: 05 Sep 2019 14:59

Tgt Ion: 91 Resp: 1200821

Ion Ratio Lower Upper

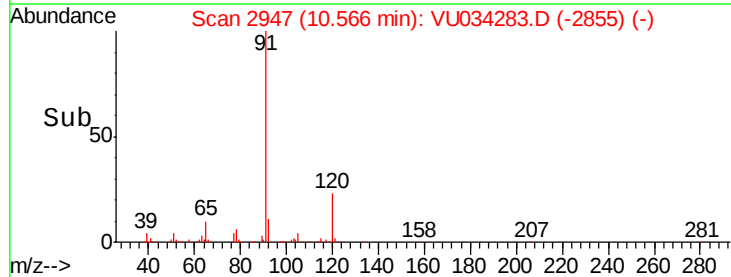
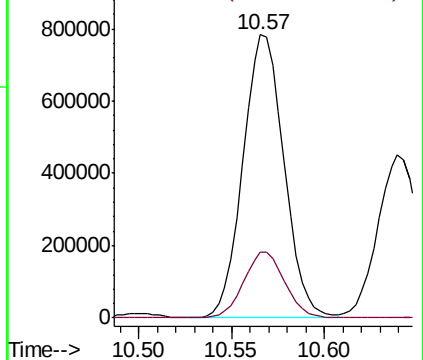
91 100

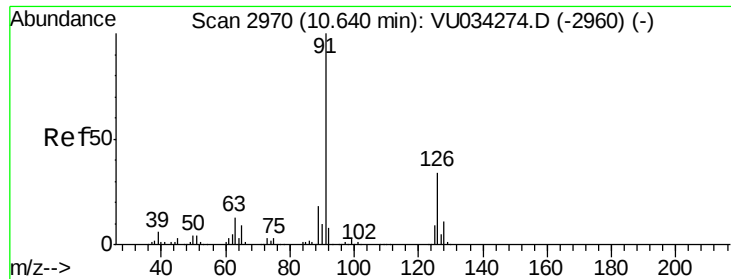
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

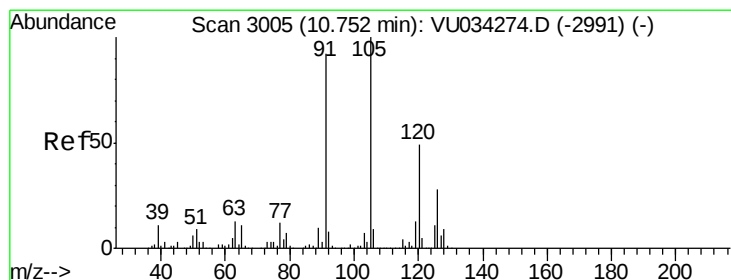
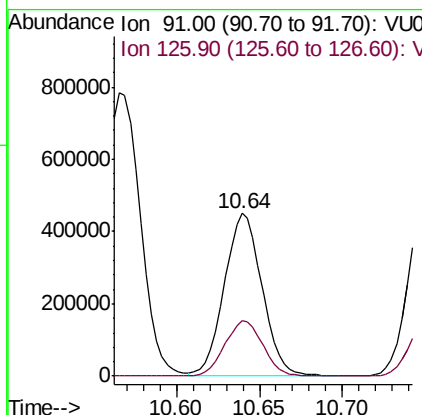
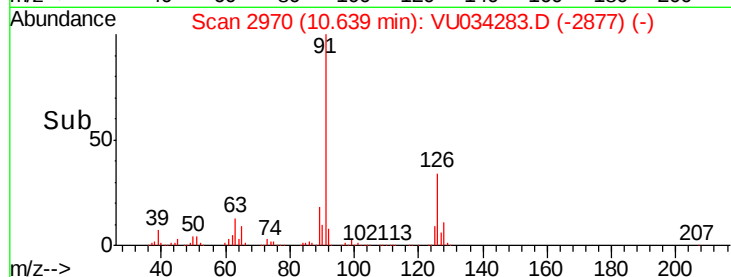
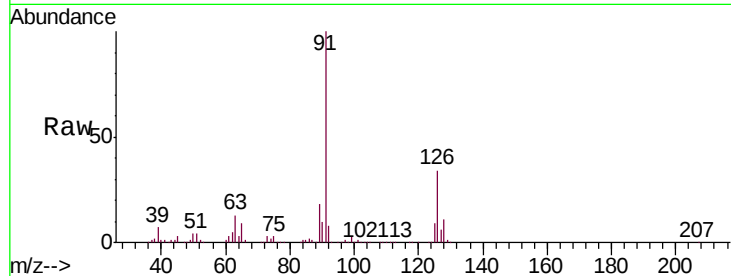




#79
 2-Chlorotoluene
 Concen: 49.821 ug/l
 RT: 10.64 min Scan# 2970
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

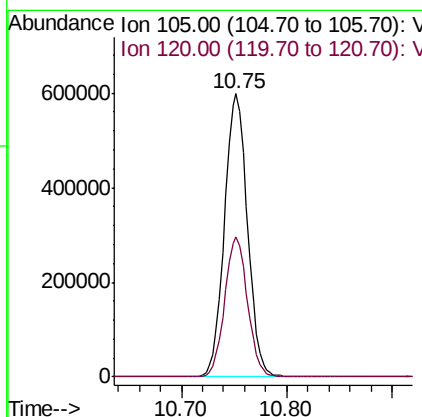
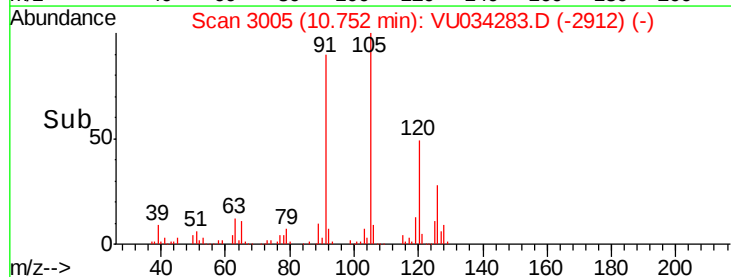
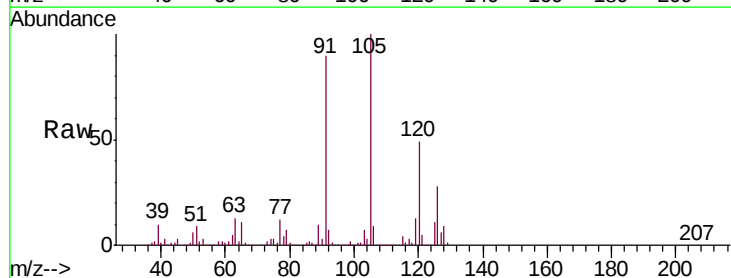
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

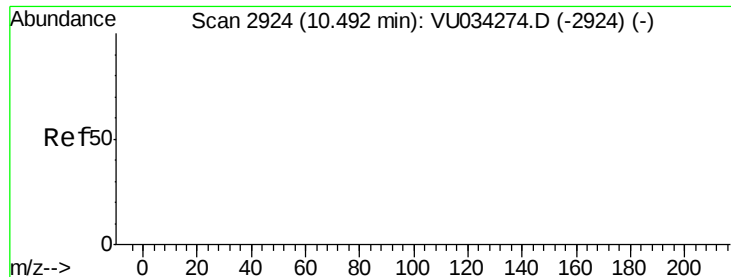
Tgt Ion: 91 Resp: 707297
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 53.378 ug/l
 RT: 10.75 min Scan# 3005
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

Tgt Ion: 105 Resp: 899386
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 215.544 ug/l

RT: 10.47 min Scan# 2918

Delta R.T. -0.02 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

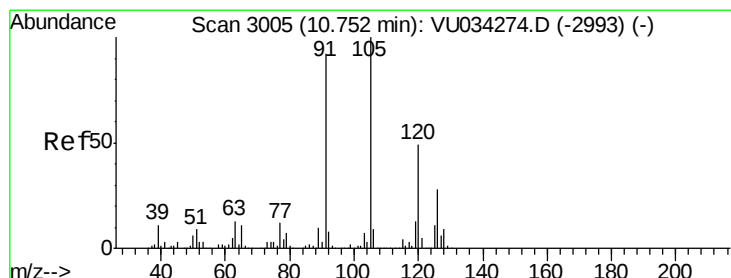
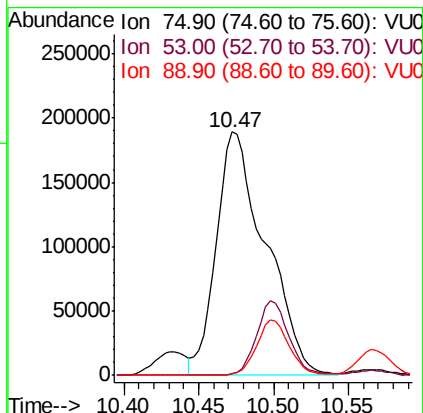
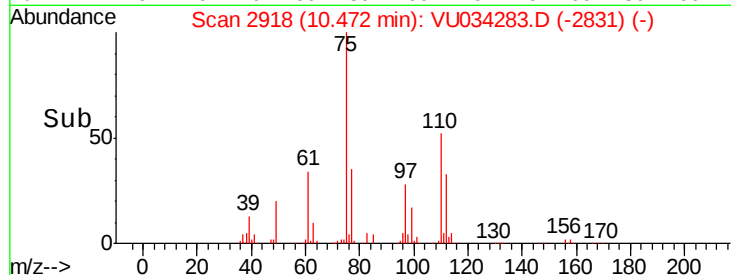
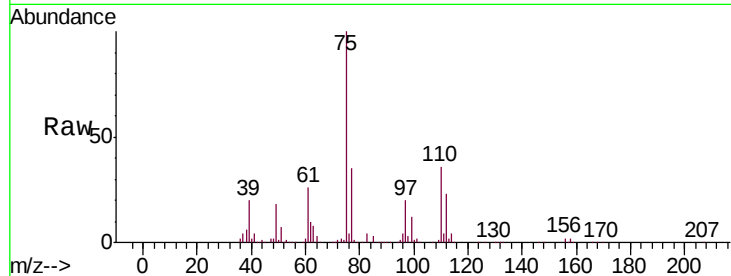
Tgt Ion: 75 Resp: 433117

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 50.897 ug/l

RT: 10.75 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VU034283.D

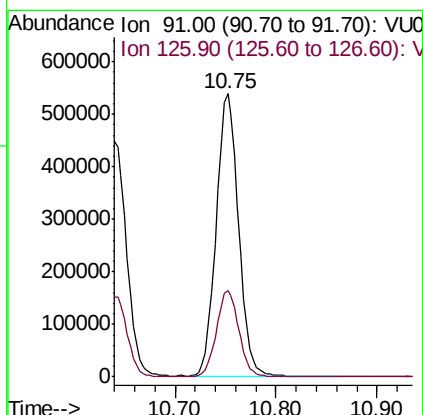
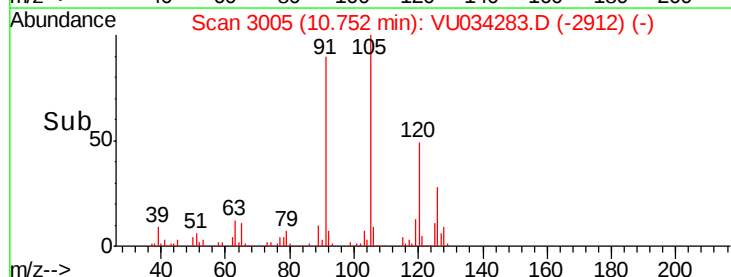
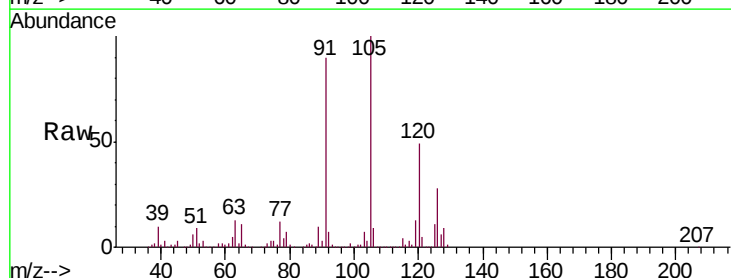
Acq: 05 Sep 2019 14:59

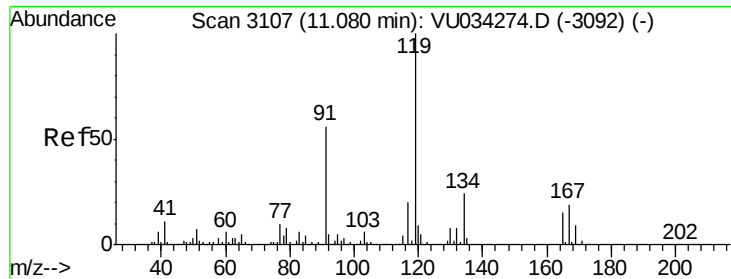
Tgt Ion: 91 Resp: 831529

Ion Ratio Lower Upper

91 100

126 30.6 15.3 45.8

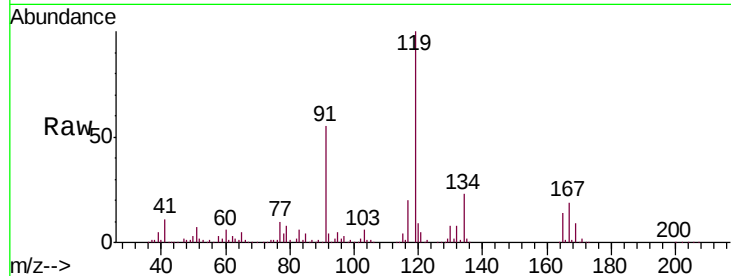




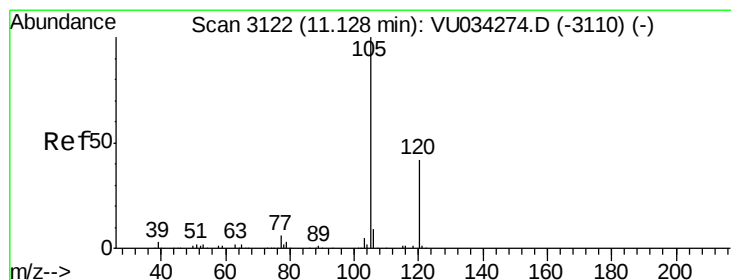
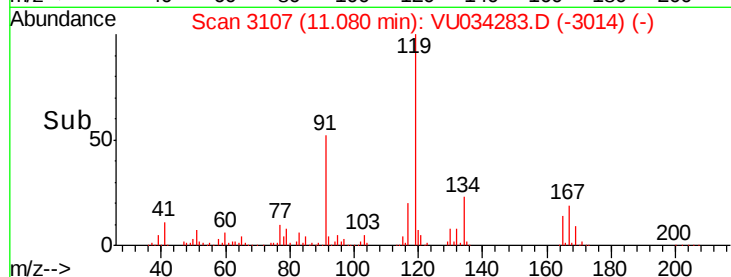
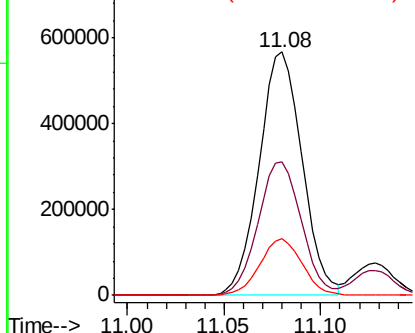
#83
 tert-Butylbenzene
 Concen: 52.024 ug/l
 RT: 11.08 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 876908
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.8 83.4
 134 22.8 11.7 35.0

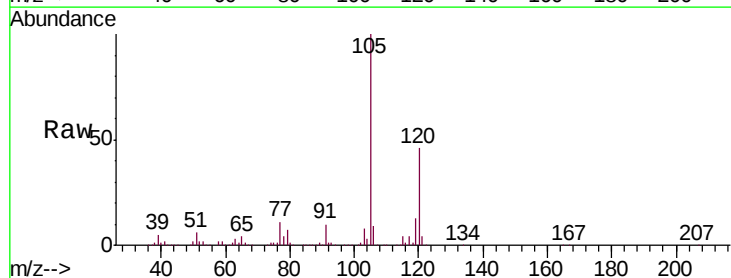


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

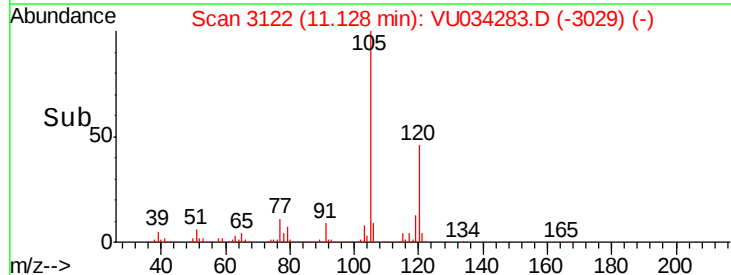
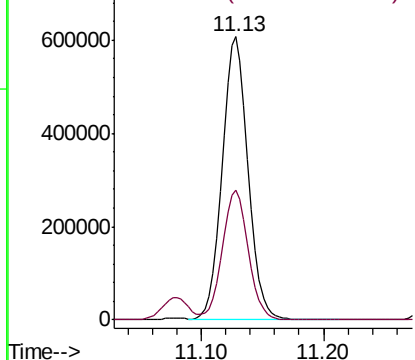


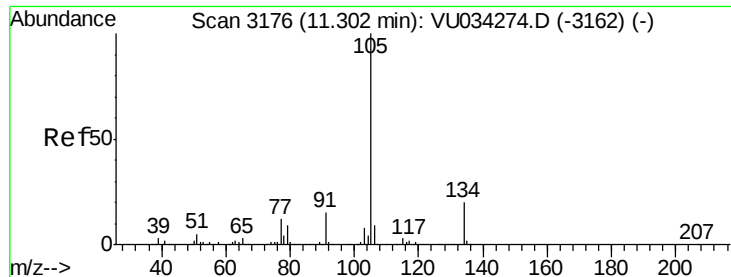
#84
 1,2,4-Trimethylbenzene
 Concen: 53.181 ug/l
 RT: 11.13 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

Tgt Ion:105 Resp: 901995
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 52.742 ug/l

RT: 11.30 min Scan# 3176

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

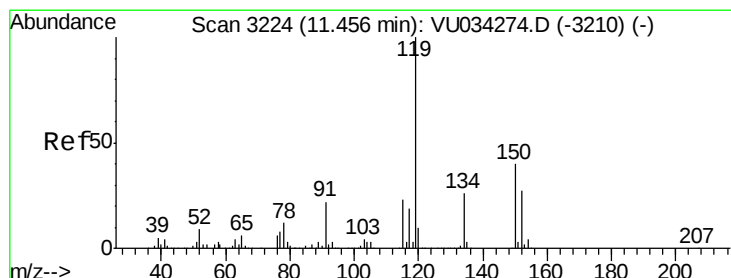
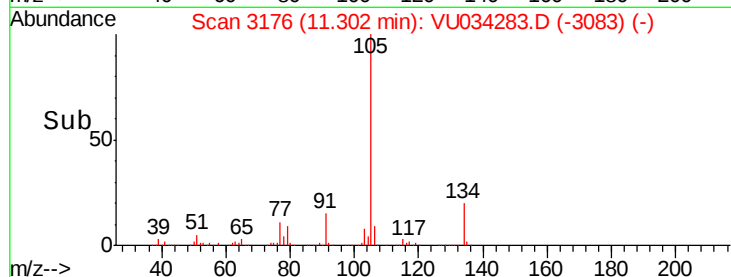
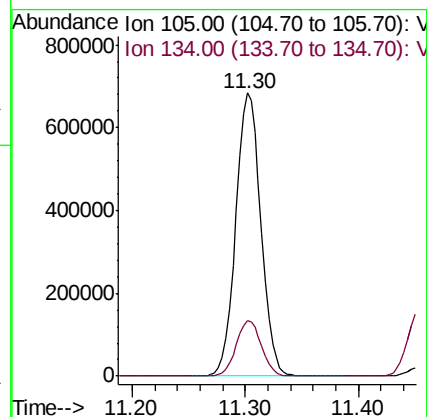
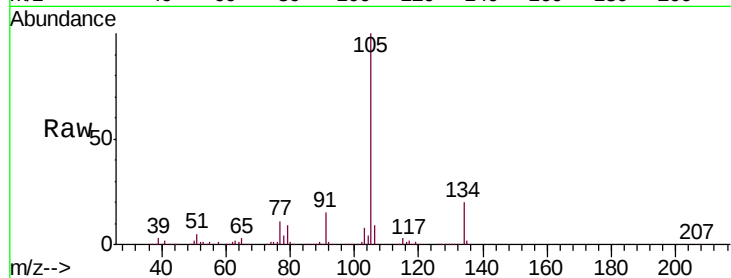
VSTDCCC050EC

Tgt Ion:105 Resp: 1049531

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.3



#86

p-Isopropyltoluene

Concen: 52.925 ug/l

RT: 11.45 min Scan# 3223

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

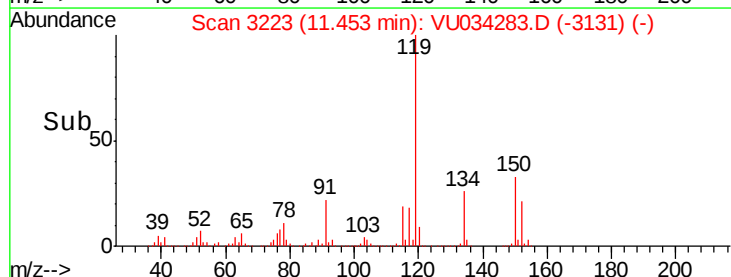
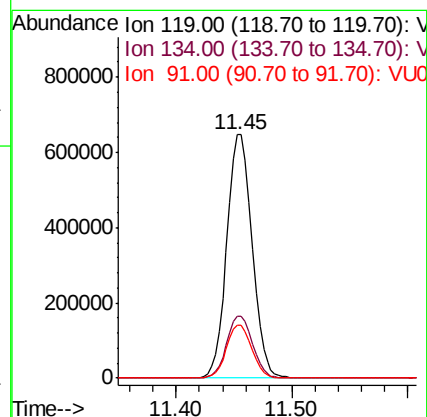
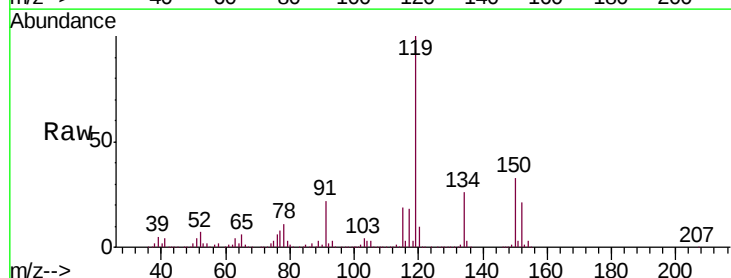
Tgt Ion:119 Resp: 972067

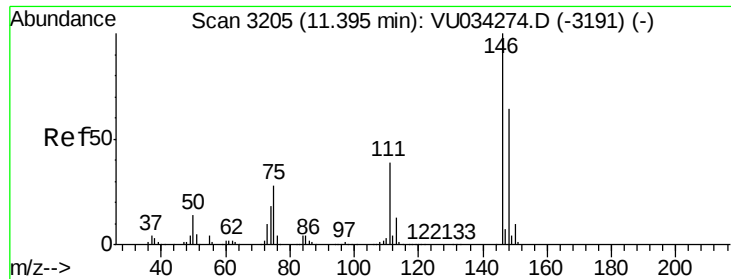
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 22.0 11.2 33.6

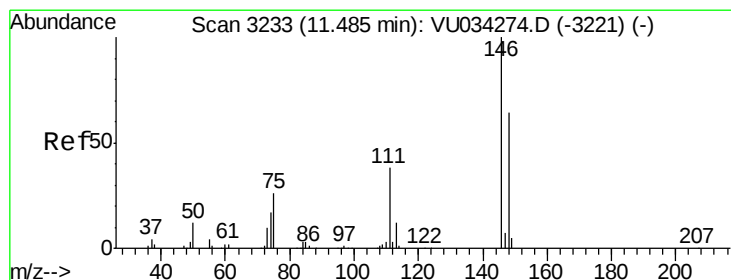
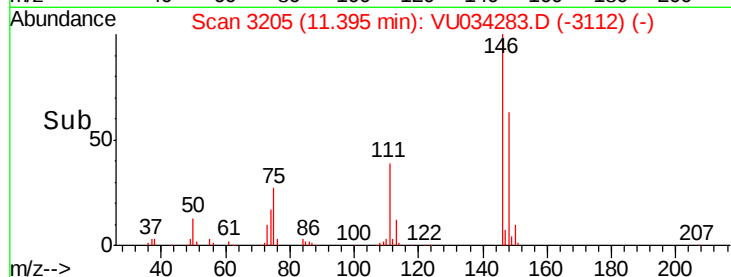
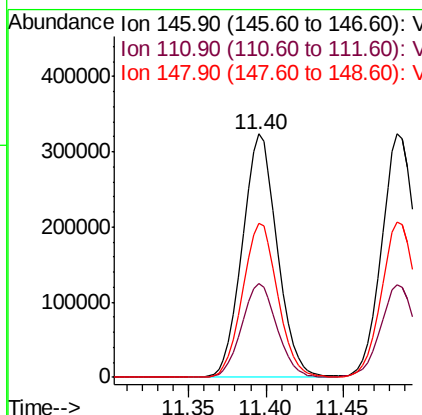
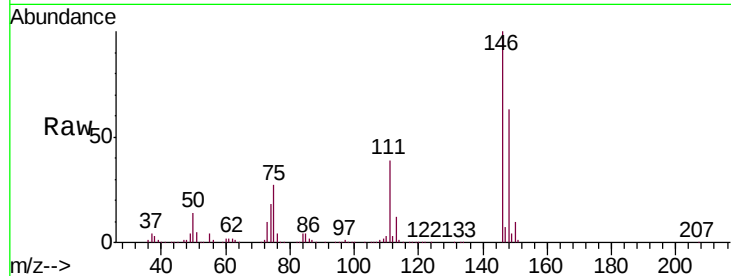




#87
 1,3-Dichlorobenzene
 Concen: 49.498 ug/l
 RT: 11.40 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

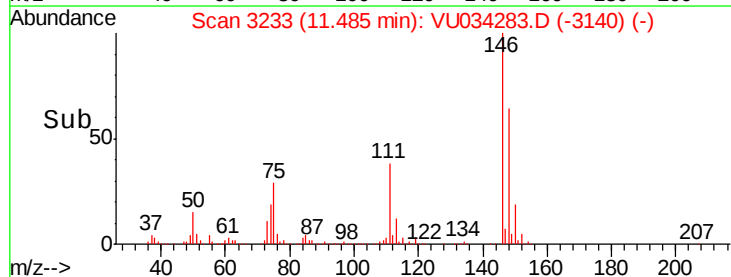
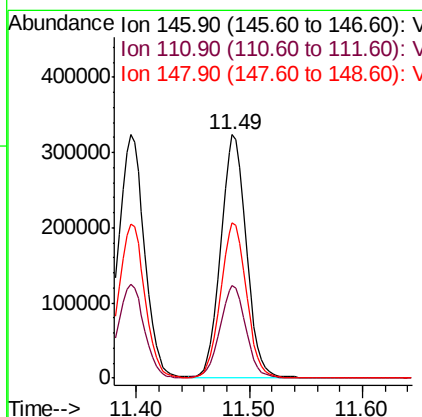
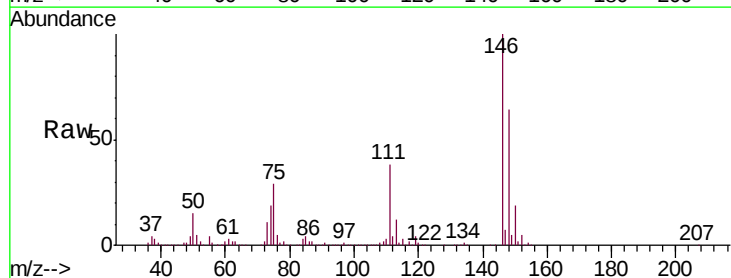
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

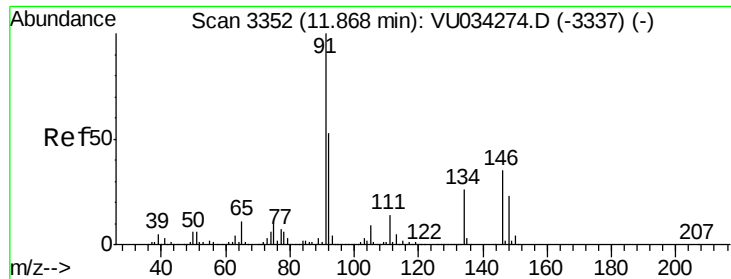
Tgt Ion:146 Resp: 508810
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.5 58.5
 148 63.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.255 ug/l
 RT: 11.49 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

Tgt Ion:146 Resp: 506652
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.3
 148 64.4 32.0 96.0

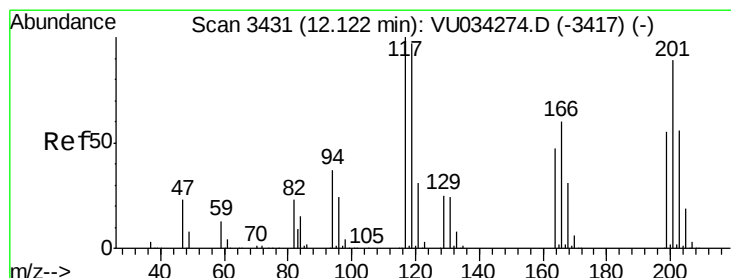
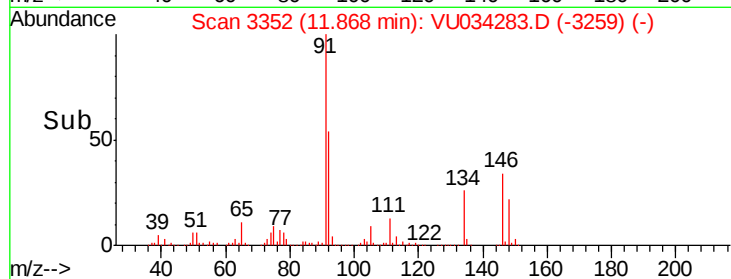
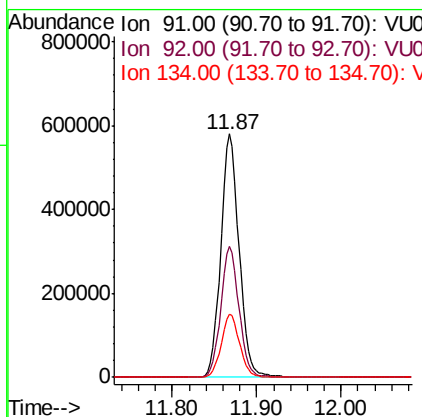
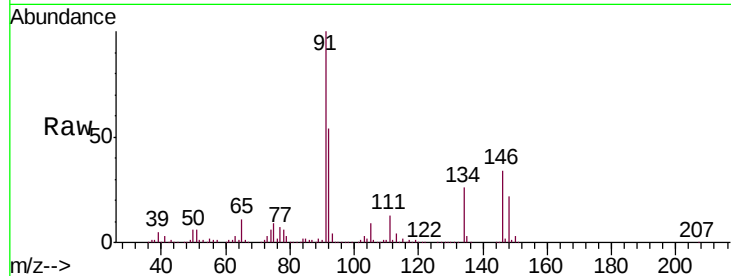




#89
n-Butylbenzene
Concen: 55.021 ug/l
RT: 11.87 min Scan# 3352
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

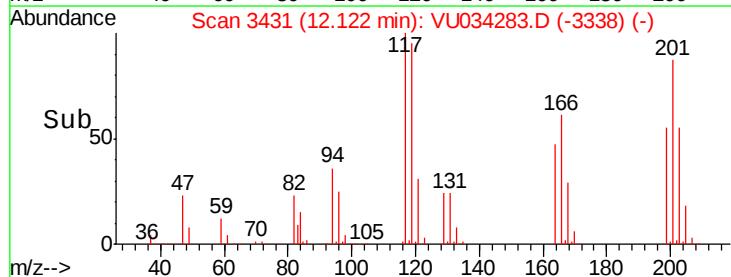
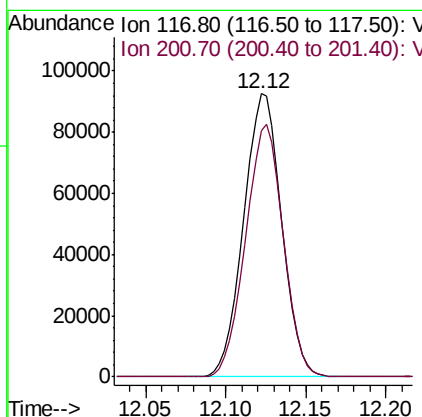
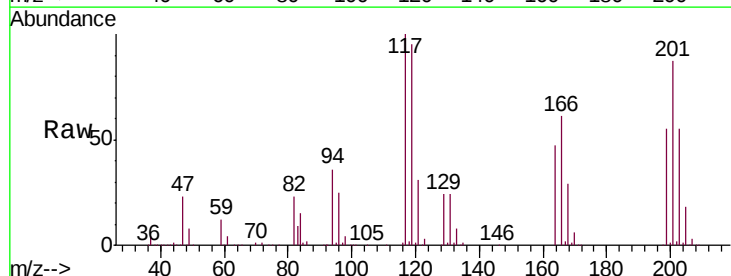
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

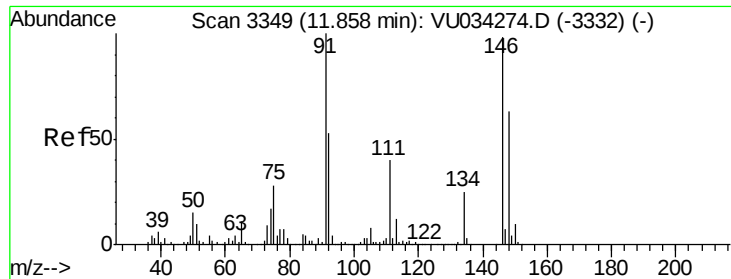
Tgt Ion: 91 Resp: 878206
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.4
134 26.1 13.2 39.6



#90
Hexachloroethane
Concen: 51.012 ug/l
RT: 12.12 min Scan# 3431
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Tgt Ion: 117 Resp: 149899
Ion Ratio Lower Upper
117 100
201 88.4 44.1 132.4

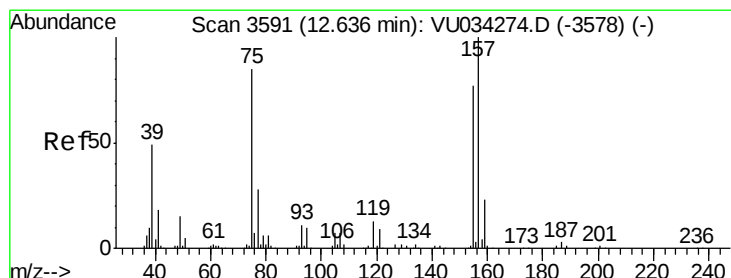
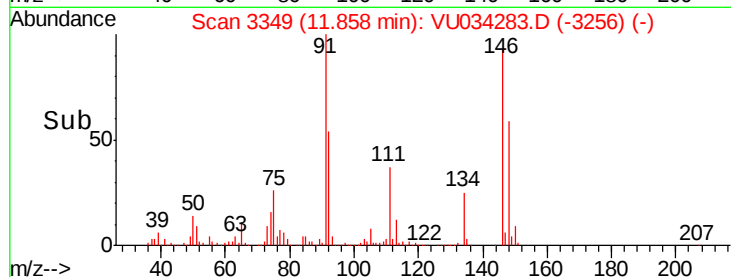
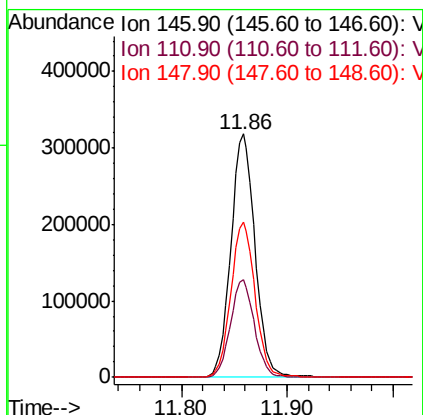
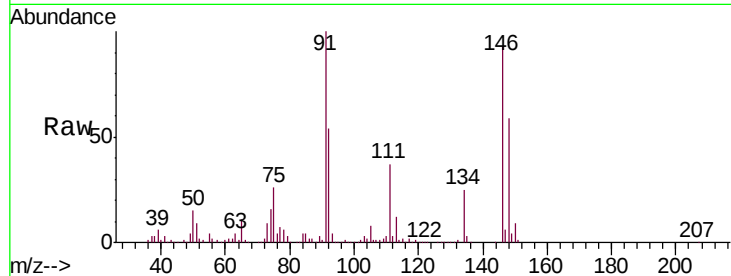




#91
 1,2-Dichlorobenzene
 Concen: 49.667 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

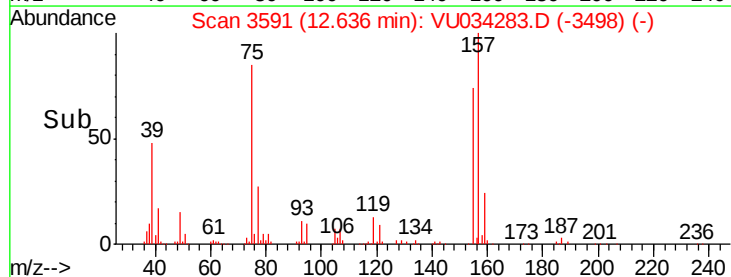
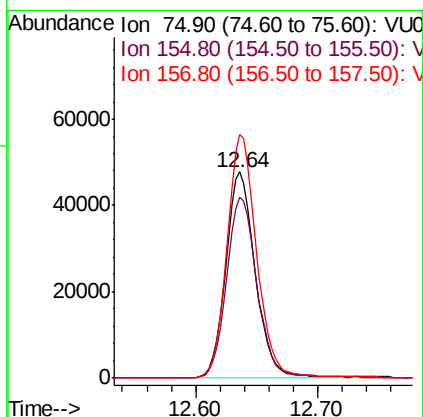
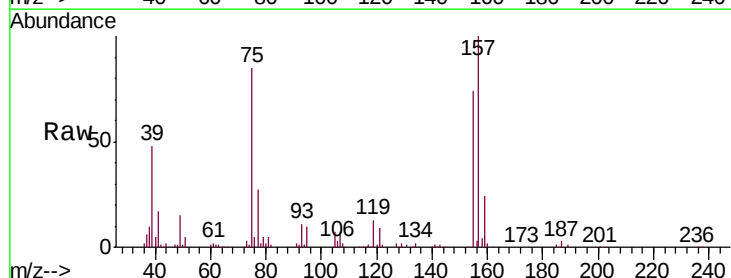
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

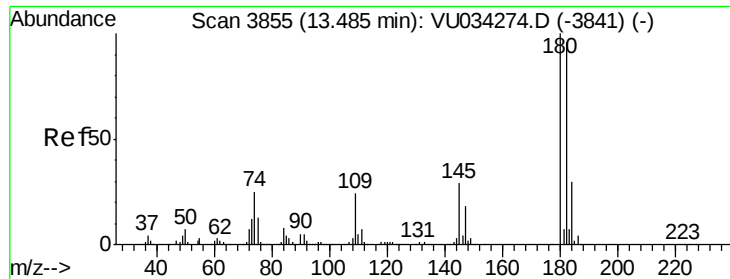
Tgt Ion: 146 Resp: 501758
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 60.0
 148 64.2 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.086 ug/l
 RT: 12.64 min Scan# 3591
 Delta R.T. -0.00 min
 Lab File: VU034283.D
 Acq: 05 Sep 2019 14:59

Tgt Ion: 75 Resp: 81049
 Ion Ratio Lower Upper
 75 100
 155 90.6 44.6 134.0
 157 118.5 58.2 174.6





#93

1,2,4-Trichlorobenzene

Concen: 50.204 ug/l

RT: 13.48 min Scan# 3855

Delta R.T. 0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

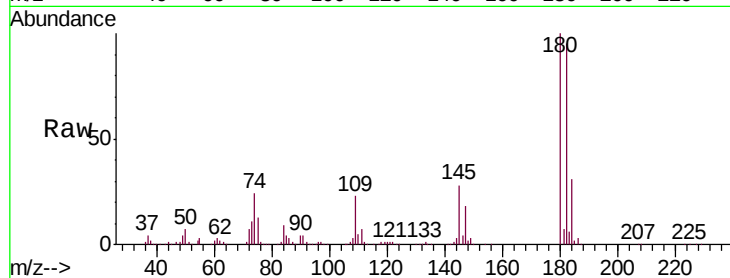
Tgt Ion:180 Resp: 367946

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.8

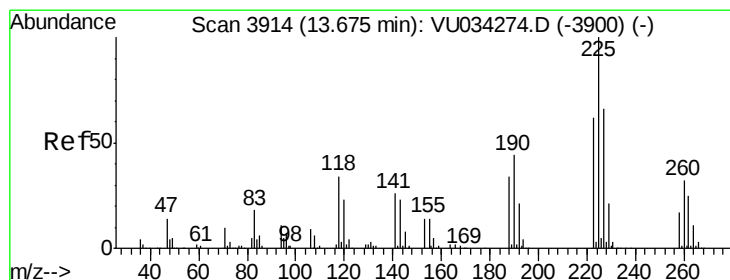
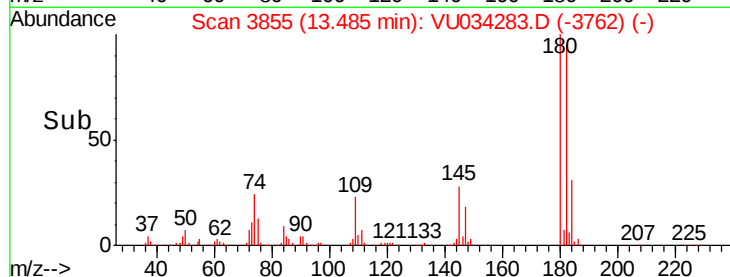
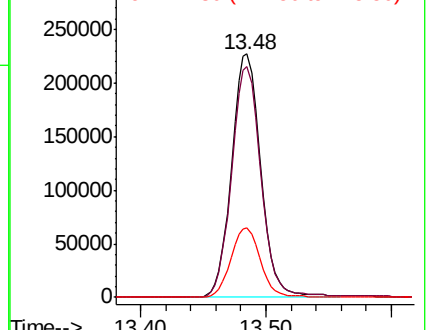
145 28.9 14.4 43.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 48.513 ug/l

RT: 13.67 min Scan# 3913

Delta R.T. -0.00 min

Lab File: VU034283.D

Acq: 05 Sep 2019 14:59

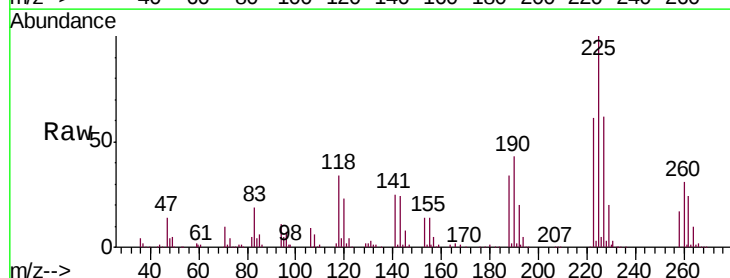
Tgt Ion:225 Resp: 171436

Ion Ratio Lower Upper

225 100

223 62.9 31.6 94.7

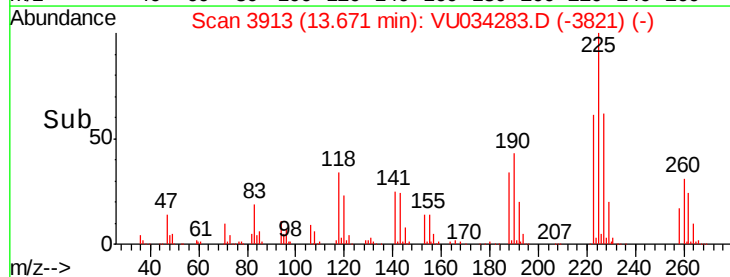
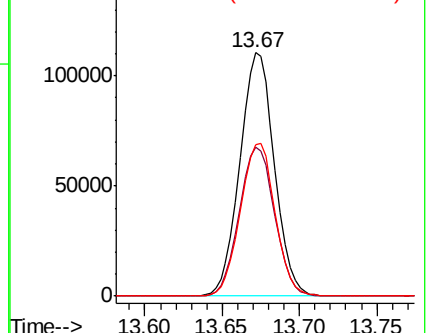
227 63.3 32.3 96.8

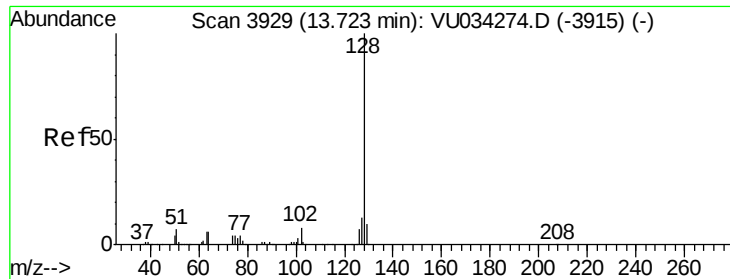


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

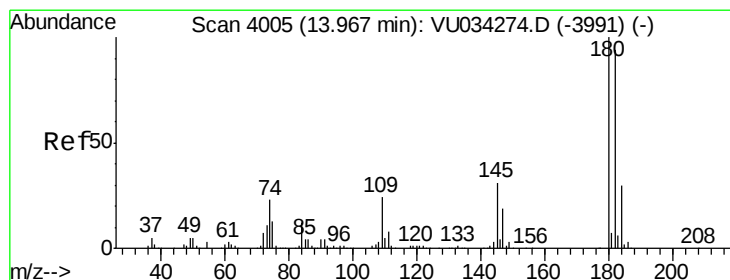
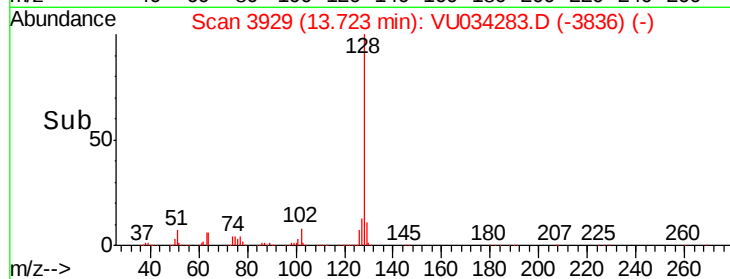
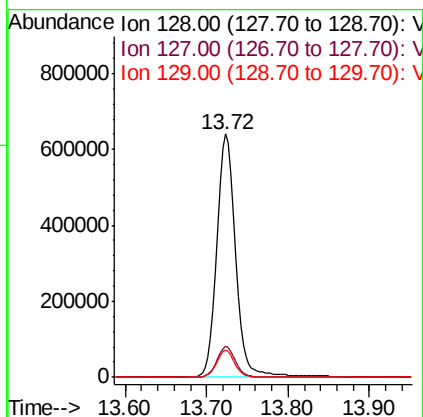
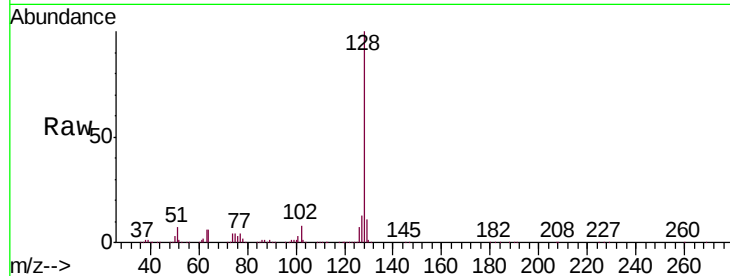




#95
Naphthalene
Concen: 51.171 ug/l
RT: 13.72 min Scan# 3929
Delta R.T. -0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1057888
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.4 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 51.386 ug/l
RT: 13.97 min Scan# 4005
Delta R.T. 0.00 min
Lab File: VU034283.D
Acq: 05 Sep 2019 14:59

Tgt Ion:180 Resp: 364197
Ion Ratio Lower Upper
180 100
182 96.5 48.4 145.0
145 30.8 15.4 46.4

