

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112719\
 Data File : CC.D
 Acq On : 27 Nov 2019 10:12
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 27 12:02:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:00:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	326540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	560215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	496713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	227240	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	19037	5.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.40%	
35) Dibromofluoromethane	7.73	113	17000	5.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.44%	
50) Toluene-d8	10.18	98	73111	5.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.80%	
62) 4-Bromofluorobenzene	12.48	95	28645	6.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.18%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.90	85	17893	5.516 ug/l	94
3) Chloromethane	2.12	50	22812	5.167 ug/l	91
4) Vinyl Chloride	2.25	62	21592	5.216 ug/l	96
5) Bromomethane	2.65	94	14930	5.952 ug/l	83
6) Chloroethane	2.80	64	14022	5.382 ug/l	94
7) Trichlorofluoromethane	3.13	101	29848	5.305 ug/l	91
8) Diethyl Ether	3.53	74	11085	5.476 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	17969	5.248 ug/l	97
10) Methyl Iodide	4.10	142	21473	5.296 ug/l	96
11) Tert butyl alcohol	4.96	59	8030	23.483 ug/l #	85
12) 1,1-Dichloroethene	3.88	96	18003	5.457 ug/l	94
13) Acrolein	3.74	56	7834	26.493 ug/l	88
14) Allyl chloride	4.49	41	31511	5.740 ug/l	99
15) Acrylonitrile	5.17	53	26541	25.375 ug/l	95
16) Acetone	3.96	43	20497	22.843 ug/l	93
17) Carbon Disulfide	4.19	76	54984	5.207 ug/l	98
18) Methyl Acetate	4.48	43	20656	6.858 ug/l	95
19) Methyl tert-butyl Ether	5.22	73	45682	4.918 ug/l	98
20) Methylene Chloride	4.72	84	21703	5.318 ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	21702	5.764 ug/l #	86
22) Diisopropyl ether	6.13	45	64256	5.431 ug/l	98
23) Vinyl Acetate	6.07	43	158927	21.274 ug/l	98
24) 1,1-Dichloroethane	6.02	63	35013	5.446 ug/l	98
25) 2-Butanone	6.99	43	33250	22.040 ug/l	98
26) 2,2-Dichloropropane	6.99	77	30403	5.256 ug/l	96
27) cis-1,2-Dichloroethene	6.99	96	21684	5.261 ug/l	95
28) Bromochloromethane	7.34	49	13317	5.382 ug/l	96
29) Tetrahydrofuran	7.35	42	22343	23.832 ug/l	96
30) Chloroform	7.51	83	38799	6.026 ug/l	98
31) Cyclohexane	7.78	56	40799	6.067 ug/l #	82
32) 1,1,1-Trichloroethane	7.71	97	28738	5.062 ug/l	98
36) 1,1-Dichloropropene	7.92	75	28506	5.305 ug/l	98
37) Ethyl Acetate	7.08	43	14907	4.631 ug/l #	95
38) Carbon Tetrachloride	7.90	117	24548	4.817 ug/l #	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112719\
 Data File : CC.D
 Acq On : 27 Nov 2019 10:12
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 27 12:02:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:00:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	36806	5.302	ug/l	97
40) Benzene	8.16	78	81129	5.146	ug/l	97
41) Methacrylonitrile	7.32	41	9091	5.127	ug/l #	40
42) 1,2-Dichloroethane	8.24	62	21601	4.893	ug/l	100
43) Isopropyl Acetate	8.28	43	29243	4.841	ug/l	99
44) Trichloroethene	8.94	130	21484	5.187	ug/l	90
45) 1,2-Dichloropropane	9.22	63	20237	5.180	ug/l	93
46) Dibromomethane	9.30	93	10562	4.955	ug/l	94
47) Bromodichloromethane	9.50	83	24106	4.795	ug/l	97
48) Methyl methacrylate	9.29	41	12360	4.642	ug/l	98
49) 1,4-Dioxane	9.30	88	2717	93.028	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	69875	21.893	ug/l	97
52) Toluene	10.24	92	49454	4.972	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	23356	4.336	ug/l #	87
54) cis-1,3-Dichloropropene	9.93	75	30453	4.916	ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	15537	5.029	ug/l	92
56) Ethyl methacrylate	10.52	69	18591	4.221	ug/l #	88
57) 1,3-Dichloropropane	10.79	76	26065	4.824	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	48926	25.613	ug/l	96
59) 2-Hexanone	10.83	43	49240	21.070	ug/l	93
60) Dibromochloromethane	10.99	129	15639	4.465	ug/l	96
61) 1,2-Dibromoethane	11.09	107	14252	4.810	ug/l	93
64) Tetrachloroethene	10.72	164	23178	5.580	ug/l	95
65) Chlorobenzene	11.52	112	52405	5.142	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	16709	4.766	ug/l	99
67) Ethyl Benzene	11.59	91	97146	5.193	ug/l	99
68) m/p-Xylenes	11.70	106	72691	10.111	ug/l	99
69) o-Xylene	12.03	106	32810	4.833	ug/l	98
70) Styrene	12.04	104	55013	4.742	ug/l	99
71) Bromoform	12.20	173	8763	4.340	ug/l #	100
73) Isopropylbenzene	12.33	105	89205	5.212	ug/l	98
74) N-amyl acetate	12.14	43	22797	4.649	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.58	83	15944	4.650	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	22136	8.671	ug/l #	100
77) Bromobenzene	12.61	156	19554	5.053	ug/l	97
78) n-propylbenzene	12.67	91	109617	5.300	ug/l	99
79) 2-Chlorotoluene	12.75	91	63517	5.534	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	75460	5.310	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	5350	4.434	ug/l	86
82) 4-Chlorotoluene	12.86	91	64331	5.430	ug/l	98
83) tert-Butylbenzene	13.08	119	61790	5.098	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	76148	5.389	ug/l	98
85) sec-Butylbenzene	13.25	105	90965	5.274	ug/l	99
86) p-Isopropyltoluene	13.37	119	78291	5.101	ug/l	97
87) 1,3-Dichlorobenzene	13.36	146	39694	5.272	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	38465	5.108	ug/l	90
89) n-Butylbenzene	13.69	91	78560	5.171	ug/l	99
90) Hexachloroethane	13.96	117	13374	4.696	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	34715	5.078	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2764	4.599	ug/l	86

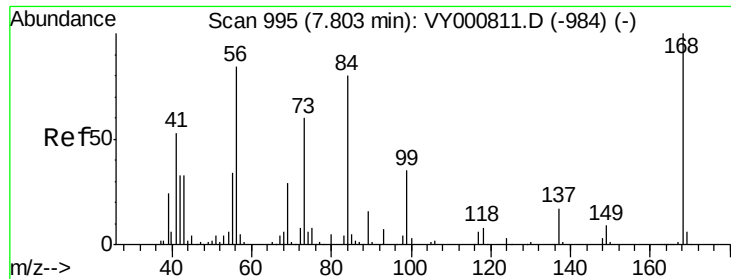
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112719\
Data File : CC.D
Acq On : 27 Nov 2019 10:12
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Nov 27 12:02:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:00:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	23322	4.988	ug/l	100
94) Hexachlorobutadiene	15.11	225	11426	4.828	ug/l	90
95) Naphthalene	15.23	128	48657	4.641	ug/l	97
96) 1,2,3-Trichlorobenzene	15.42	180	21201	5.093	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

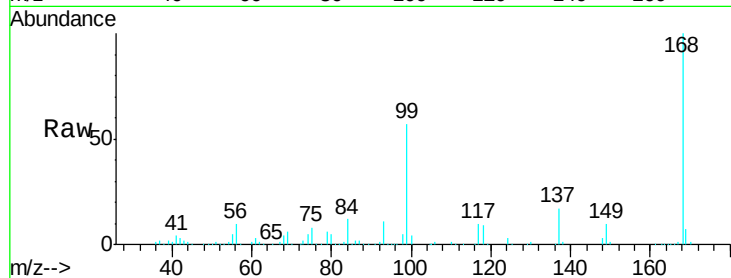
VSTDIC005

Tgt Ion:168 Resp: 326540

Ion Ratio Lower Upper

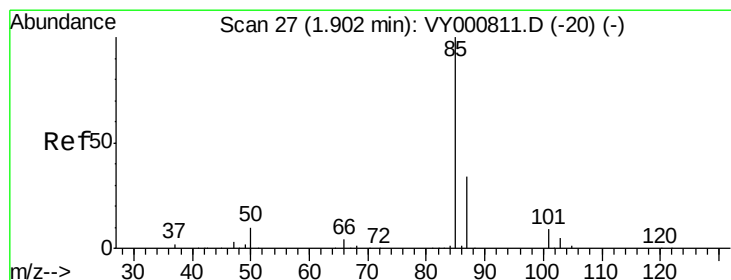
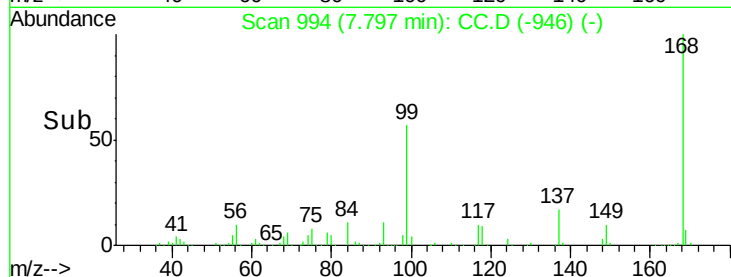
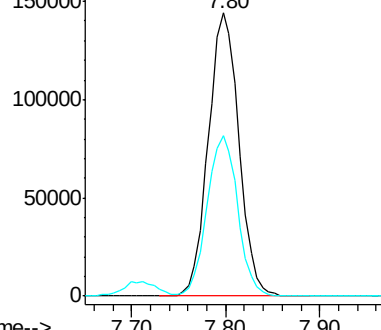
168 100

99 56.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): CC.

Ion 98.90 (98.60 to 99.60): CC.



#2

Dichlorodifluoromethane

Concen: 5.516 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: CC.D

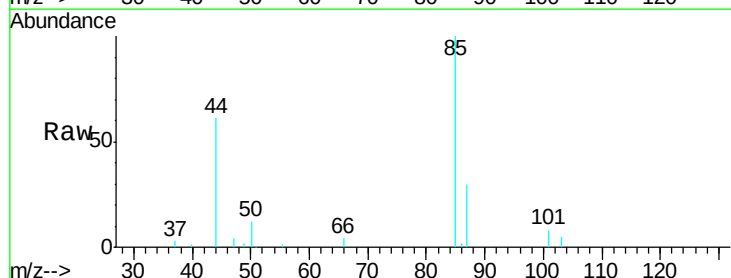
Acq: 27 Nov 2019 10:12

Tgt Ion: 85 Resp: 17893

Ion Ratio Lower Upper

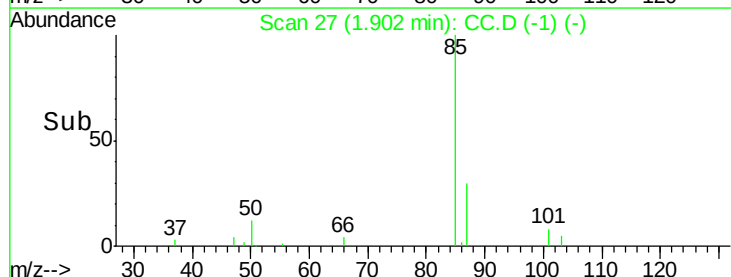
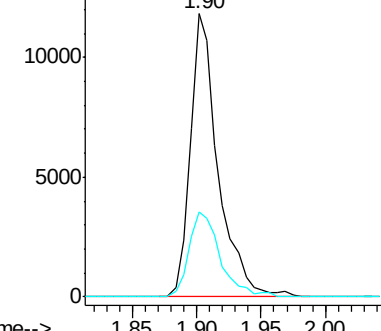
85 100

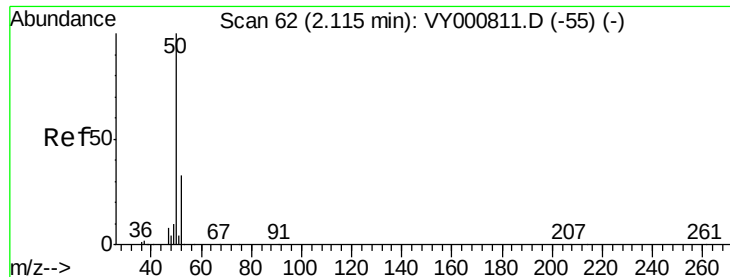
87 29.9 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): CC.

Ion 86.90 (86.60 to 87.60): CC.





#3

Chloromethane

Concen: 5.167 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

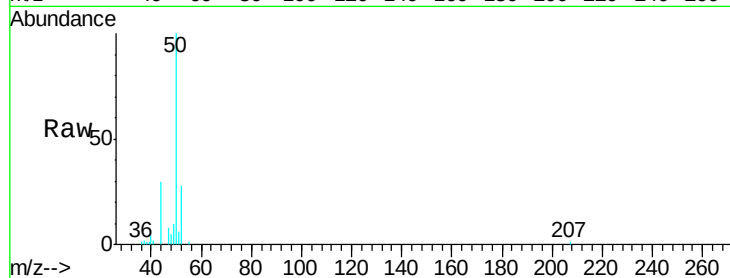
VSTDIC005

Tgt Ion: 50 Resp: 22812

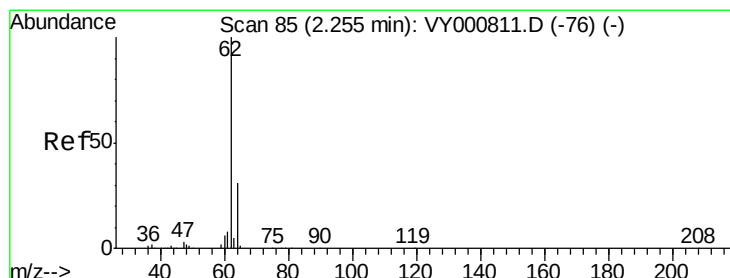
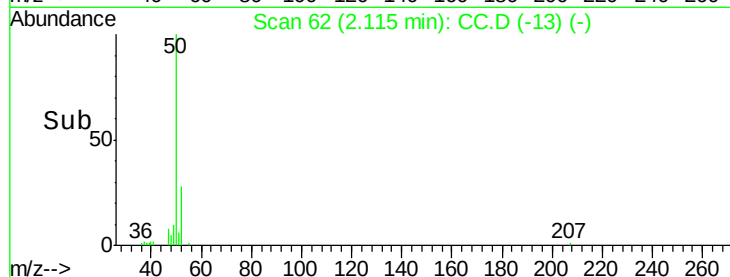
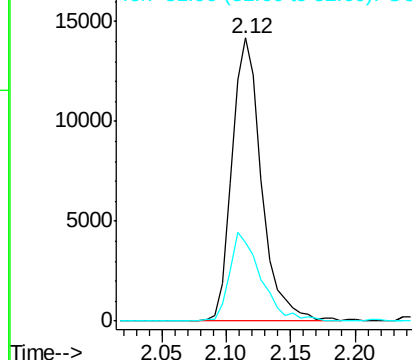
Ion Ratio Lower Upper

50 100

52 27.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): CC.
Ion 51.90 (51.60 to 52.60): CC.



#4

Vinyl Chloride

Concen: 5.216 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: CC.D

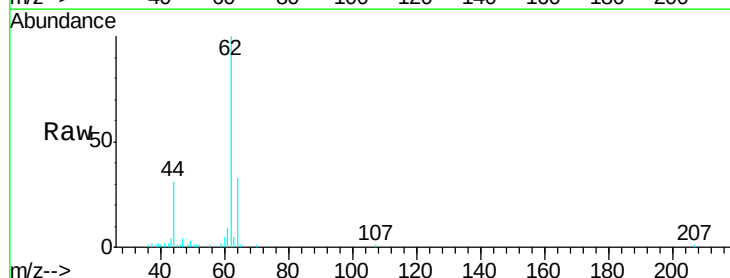
Acq: 27 Nov 2019 10:12

Tgt Ion: 62 Resp: 21592

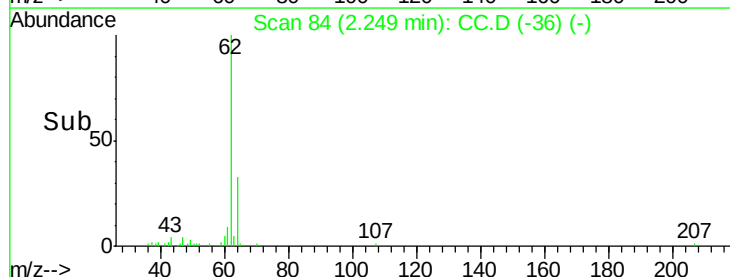
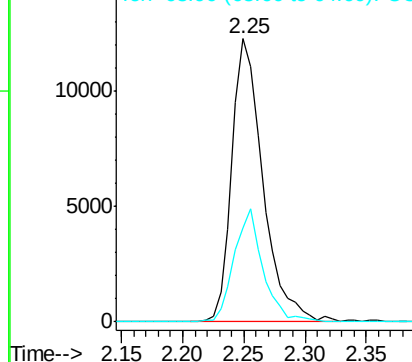
Ion Ratio Lower Upper

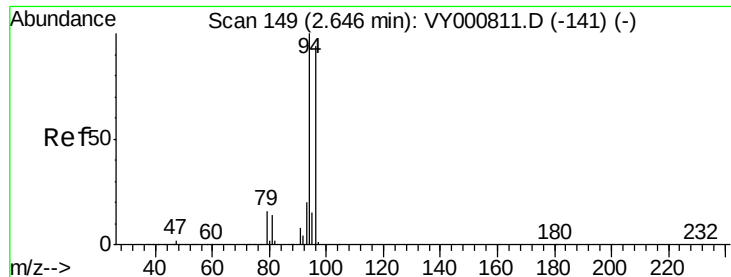
62 100

64 33.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): CC.
Ion 63.90 (63.60 to 64.60): CC.





#5

Bromomethane

Concen: 5.952 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

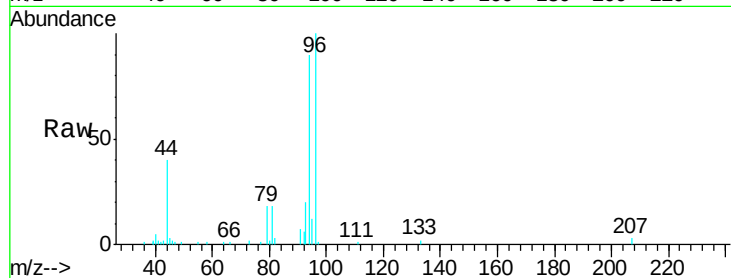
VSTDIC005

Tgt Ion: 94 Resp: 14930

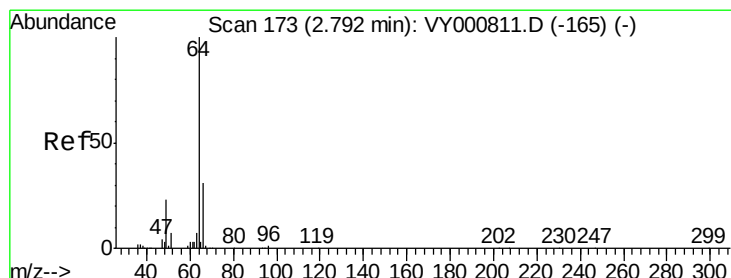
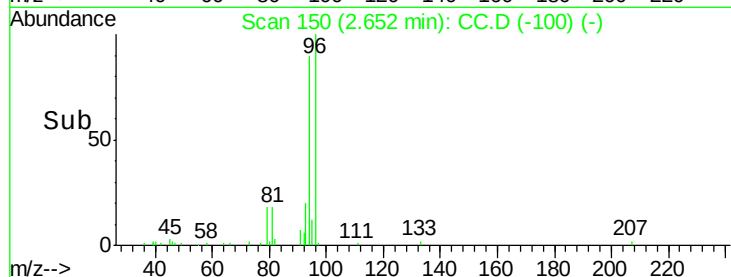
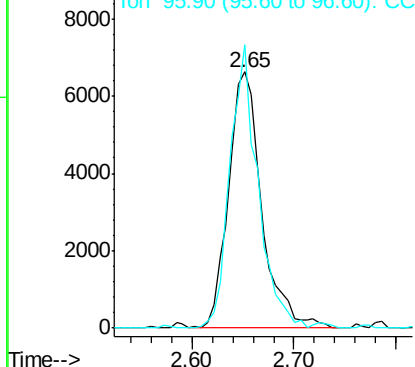
Ion Ratio Lower Upper

94 100

96 110.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): CC.
Ion 95.90 (95.60 to 96.60): CC.



#6

Chloroethane

Concen: 5.382 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: CC.D

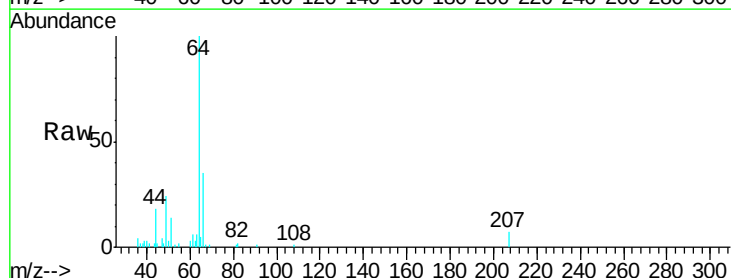
Acq: 27 Nov 2019 10:12

Tgt Ion: 64 Resp: 14022

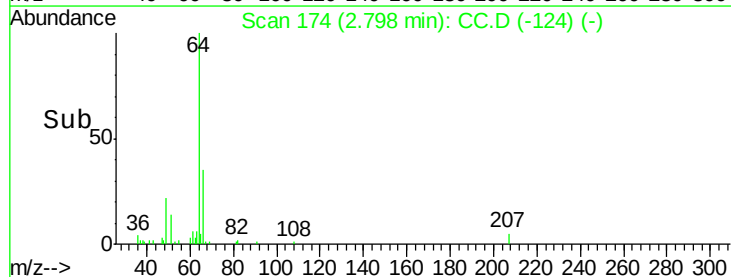
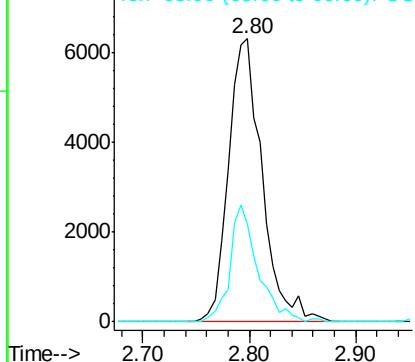
Ion Ratio Lower Upper

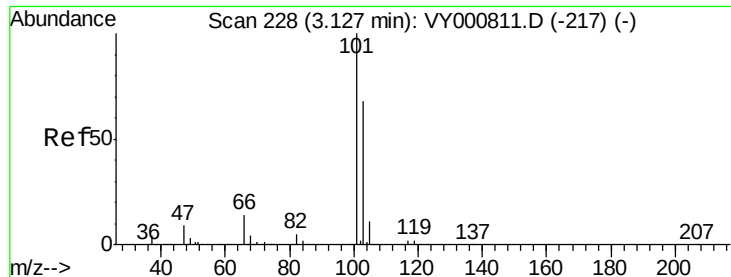
64 100

66 34.7 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): CC.
Ion 65.90 (65.60 to 66.60): CC.





#7

Trichlorofluoromethane

Concen: 5.305 ug/l

RT: 3.13 min Scan# 229

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

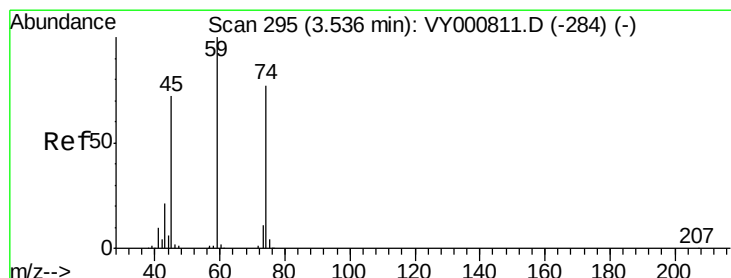
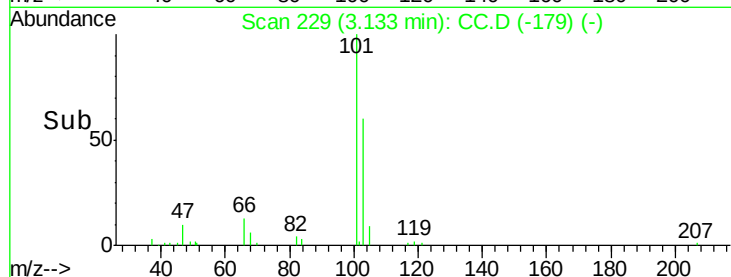
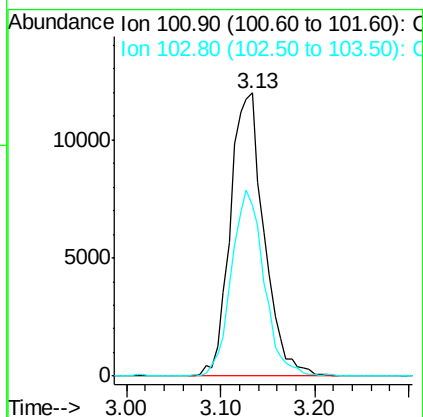
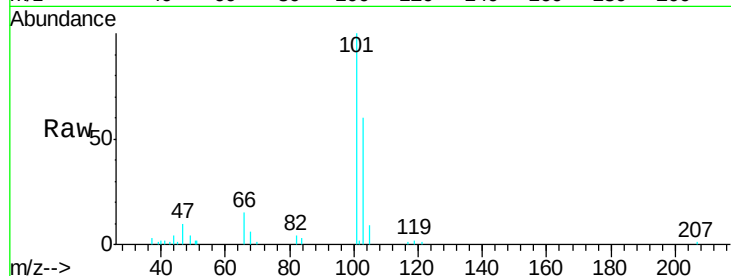
VSTDIC005

Tgt Ion:101 Resp: 29848

Ion Ratio Lower Upper

101 100

103 60.2 54.2 81.2



#8

Diethyl Ether

Concen: 5.476 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: CC.D

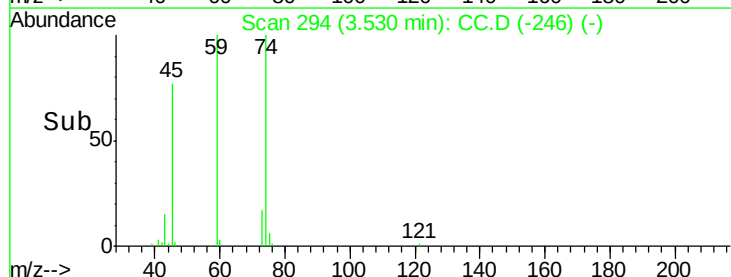
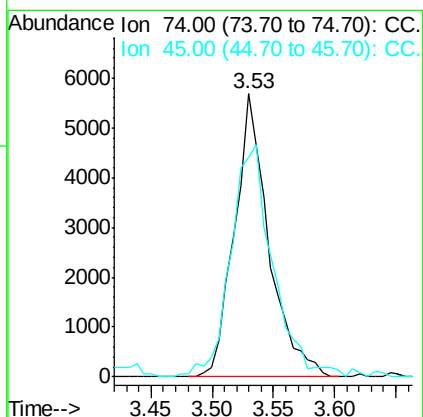
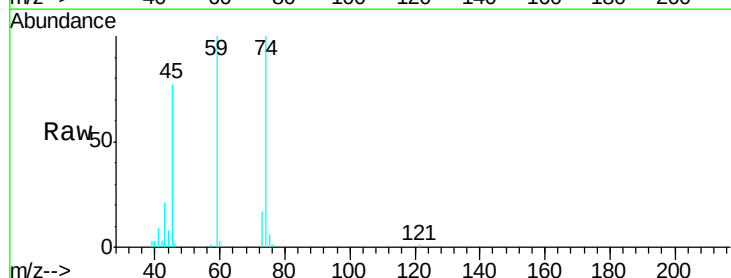
Acq: 27 Nov 2019 10:12

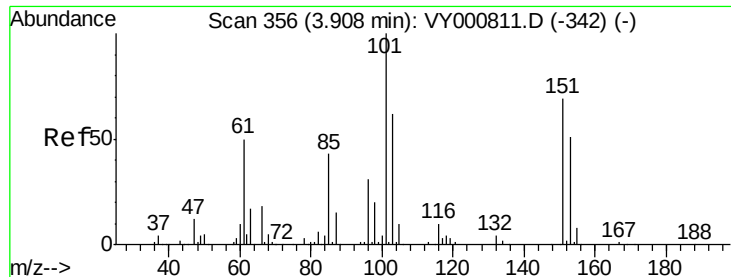
Tgt Ion: 74 Resp: 11085

Ion Ratio Lower Upper

74 100

45 97.7 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.248 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

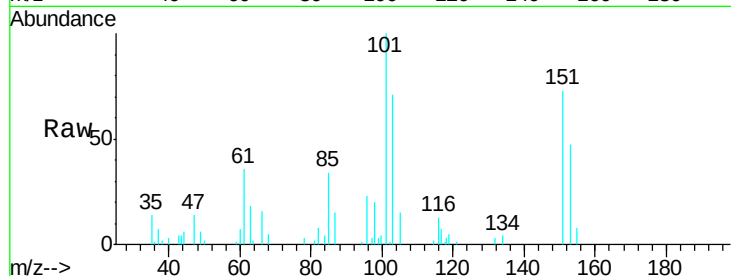
Tgt Ion:101 Resp: 17969

Ion Ratio Lower Upper

101 100

85 48.9 36.0 54.0

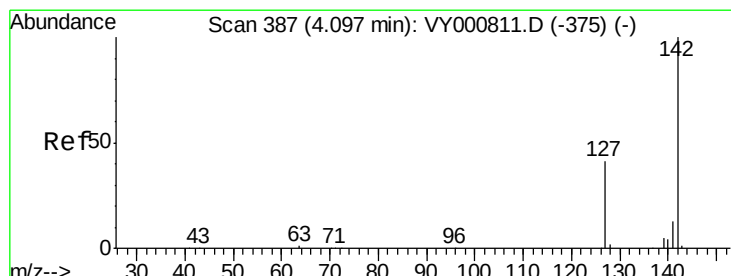
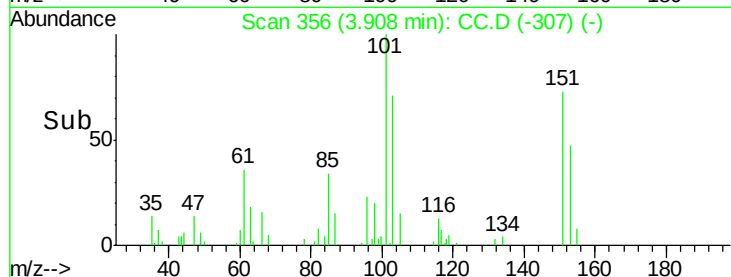
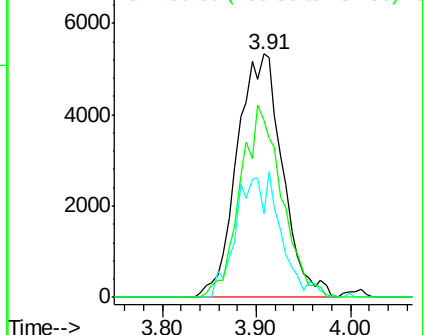
151 72.0 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): C

Ion 84.90 (84.60 to 85.60): CC.

Ion 150.80 (150.50 to 151.50): C



#10

Methyl Iodide

Concen: 5.296 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

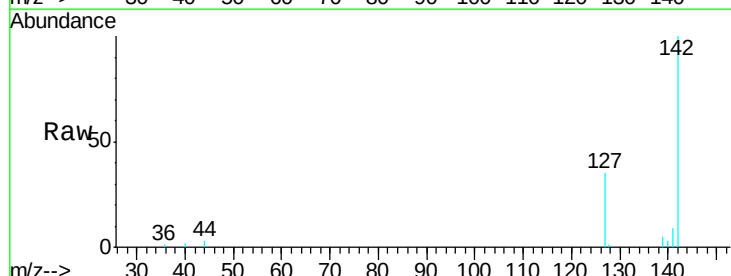
Tgt Ion:142 Resp: 21473

Ion Ratio Lower Upper

142 100

127 39.8 33.8 50.8

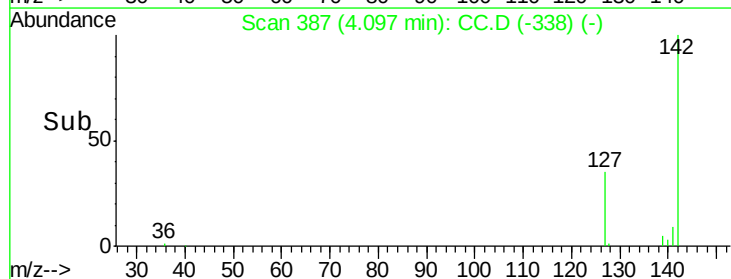
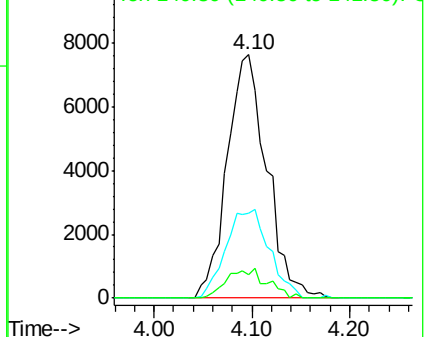
141 12.2 10.9 16.3

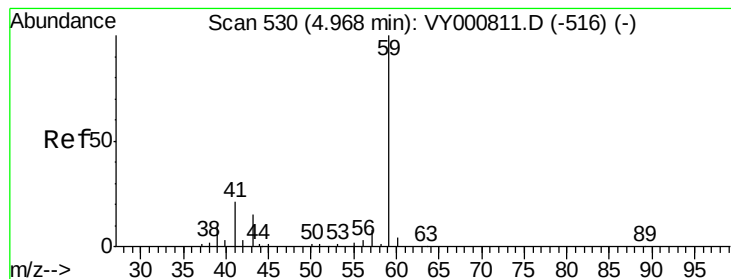


Abundance Ion 141.80 (141.50 to 142.50): C

Ion 126.80 (126.50 to 127.50): C

Ion 140.80 (140.50 to 141.50): C



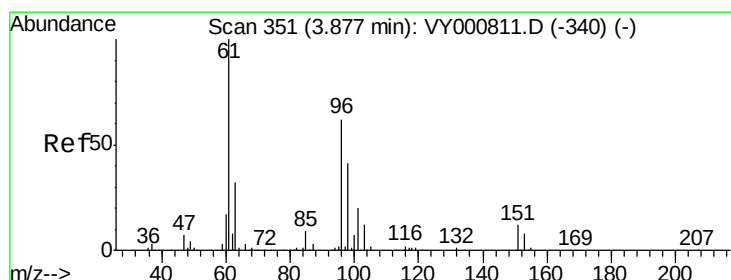
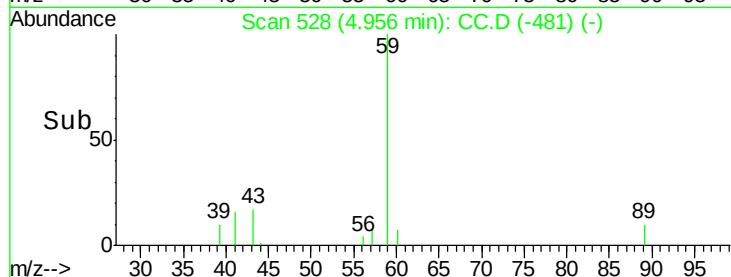
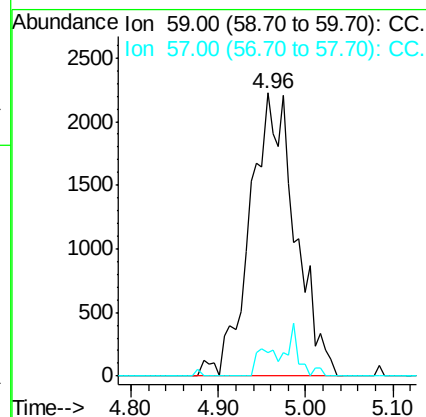
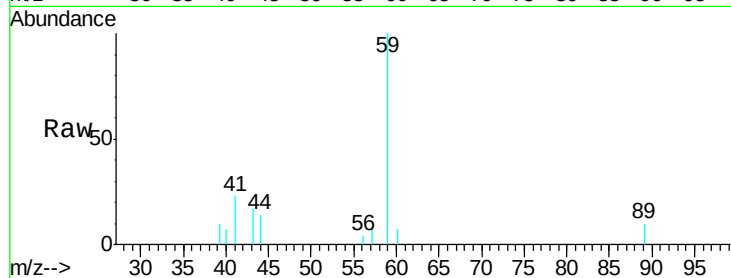


#11

Tert butyl alcohol
 Concen: 23.483 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

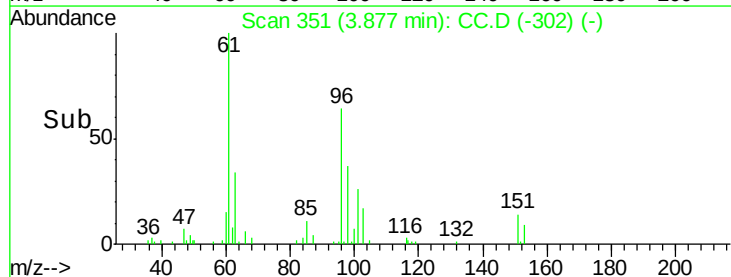
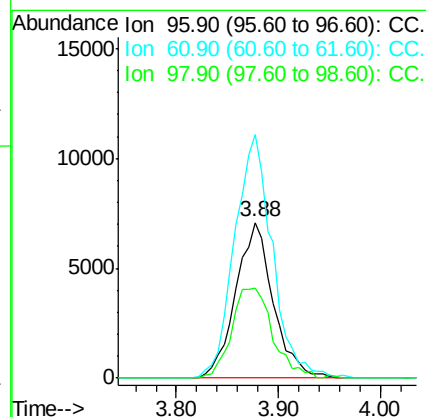
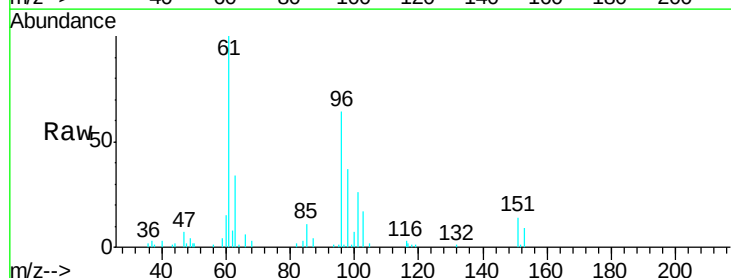
Tgt Ion: 59 Resp: 8030
 Ion Ratio Lower Upper
 59 100
 57 4.1 7.8 11.6#

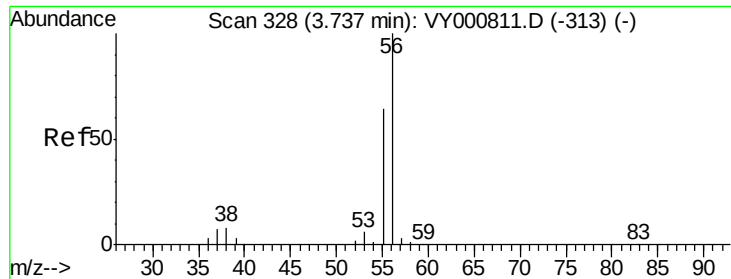


#12

1,1-Dichloroethene
 Concen: 5.457 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

Tgt Ion: 96 Resp: 18003
 Ion Ratio Lower Upper
 96 100
 61 156.5 129.4 194.2
 98 57.5 53.4 80.0





#13

Acrolein

Concen: 26.493 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

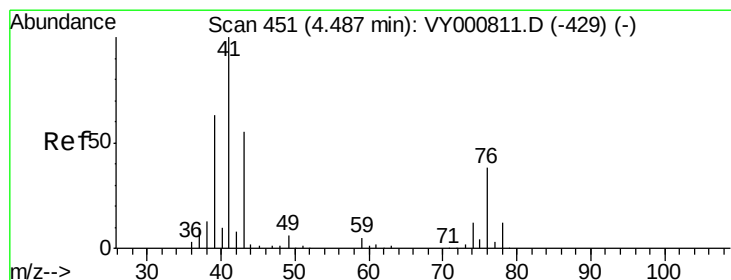
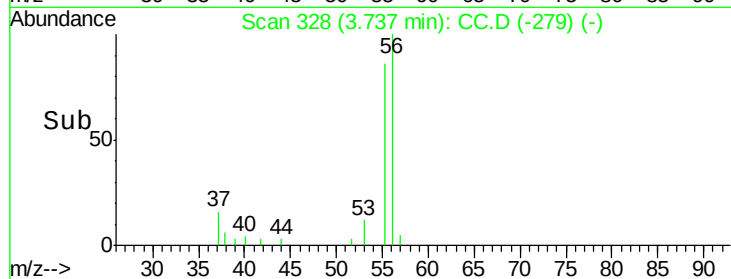
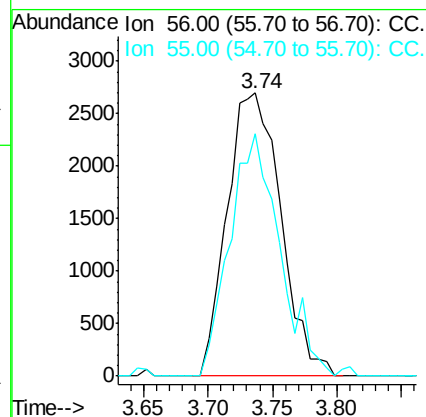
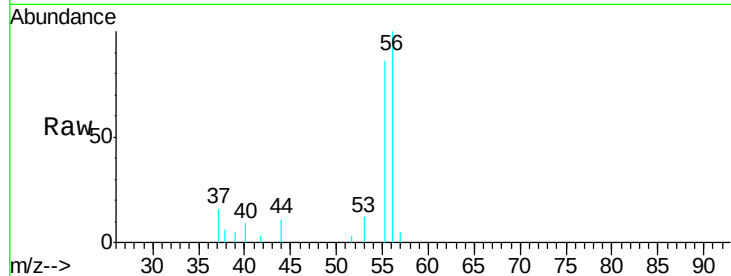
VSTDIC005

Tgt Ion: 56 Resp: 7834

Ion Ratio Lower Upper

56 100

55 79.7 55.7 83.5



#14

Allyl chloride

Concen: 5.740 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

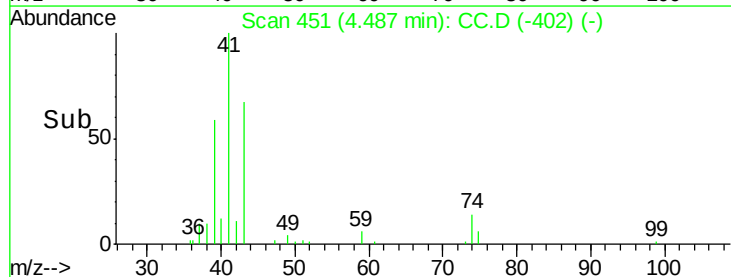
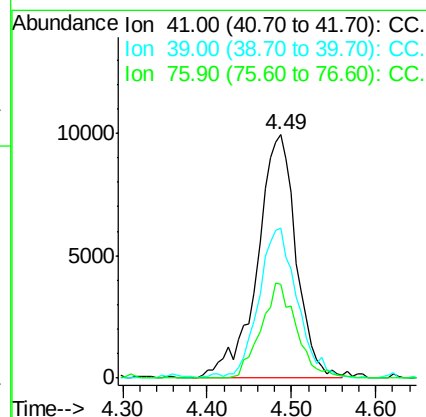
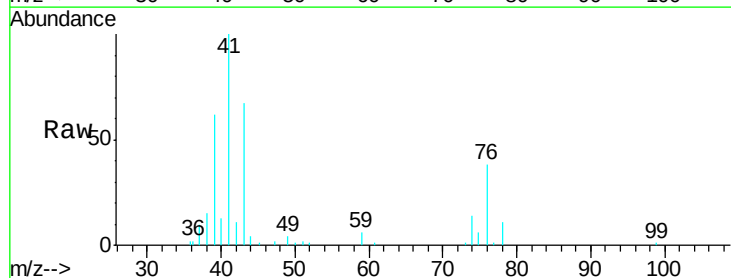
Tgt Ion: 41 Resp: 31511

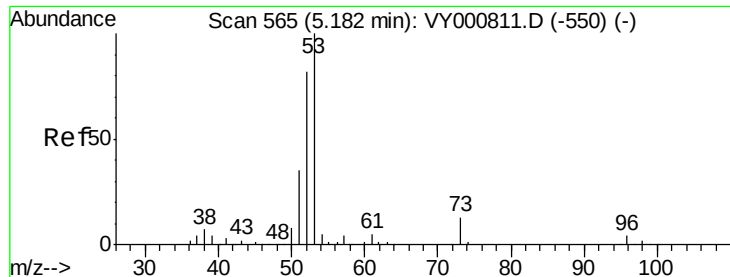
Ion Ratio Lower Upper

41 100

39 60.5 49.2 73.8

76 35.9 29.2 43.8





#15

Acrylonitrile

Concen: 25.375 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

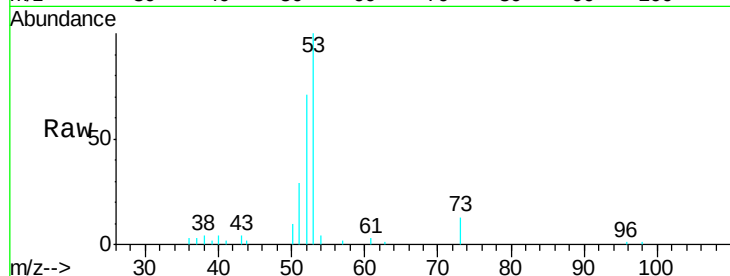
Tgt Ion: 53 Resp: 26541

Ion Ratio Lower Upper

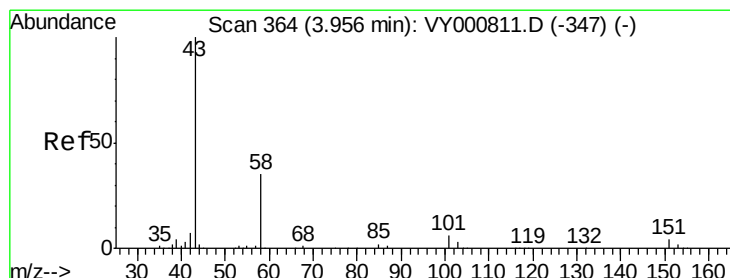
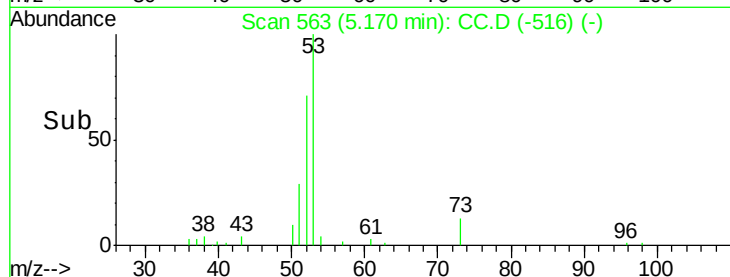
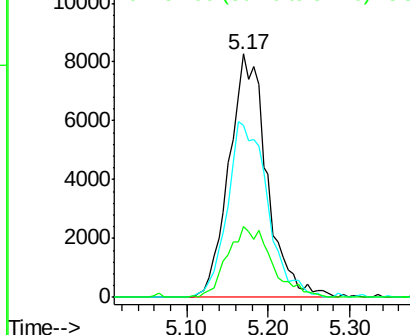
53 100

52 76.6 65.1 97.7

51 33.9 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): CC.
Ion 52.00 (51.70 to 52.70): CC.
Ion 51.00 (50.70 to 51.70): CC.



#16

Acetone

Concen: 22.843 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: CC.D

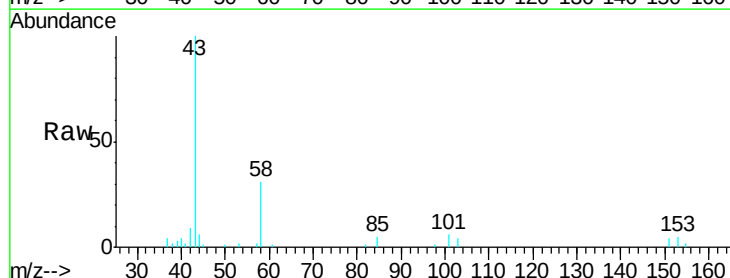
Acq: 27 Nov 2019 10:12

Tgt Ion: 43 Resp: 20497

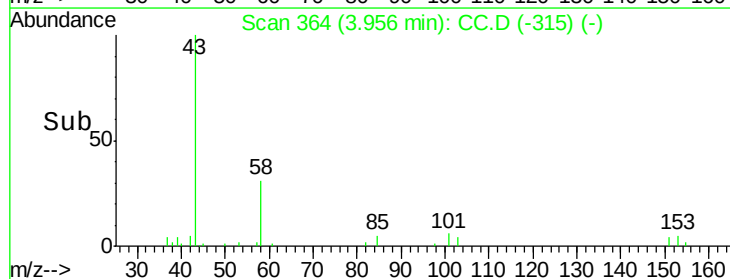
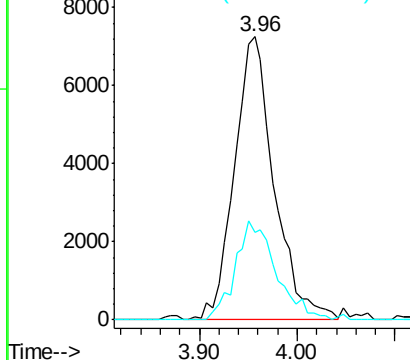
Ion Ratio Lower Upper

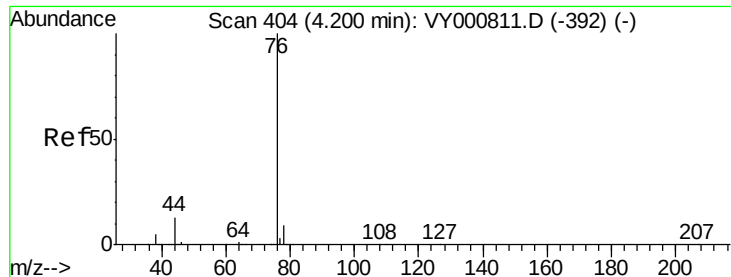
43 100

58 30.9 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): CC.
Ion 58.00 (57.70 to 58.70): CC.





#17

Carbon Disulfide

Concen: 5.207 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

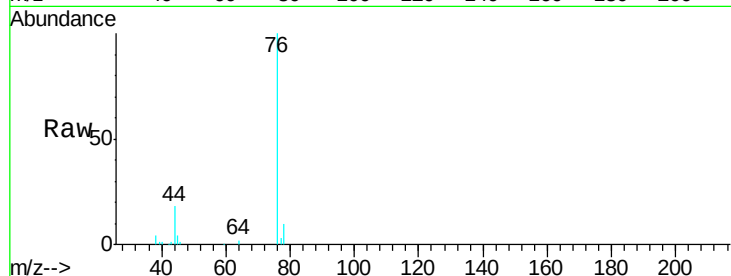
VSTDIC005

Tgt Ion: 76 Resp: 54984

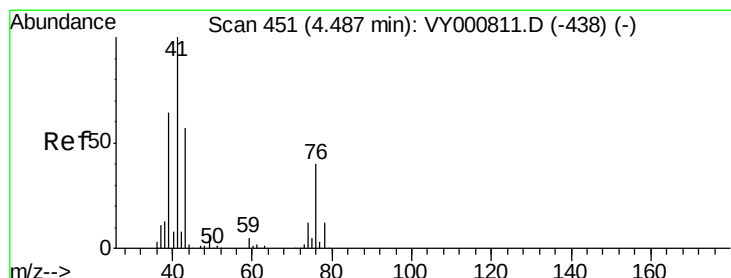
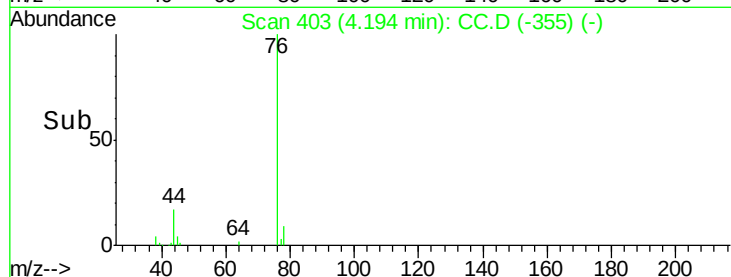
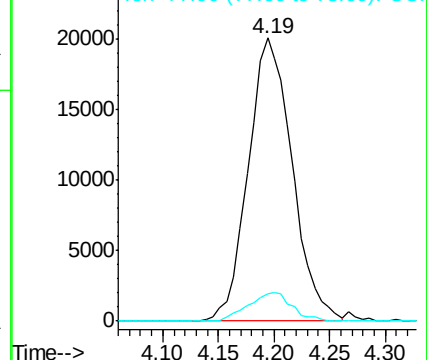
Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): CC.
Ion 77.90 (77.60 to 78.60): CC.



#18

Methyl Acetate

Concen: 6.858 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: CC.D

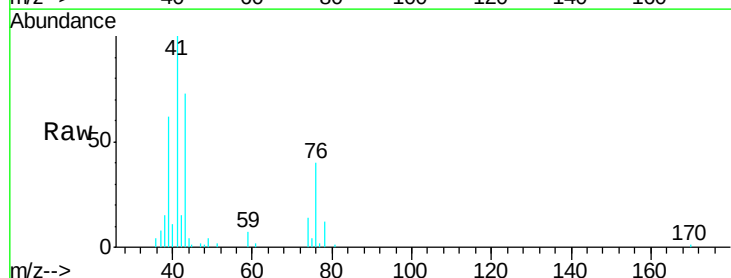
Acq: 27 Nov 2019 10:12

Tgt Ion: 43 Resp: 20656

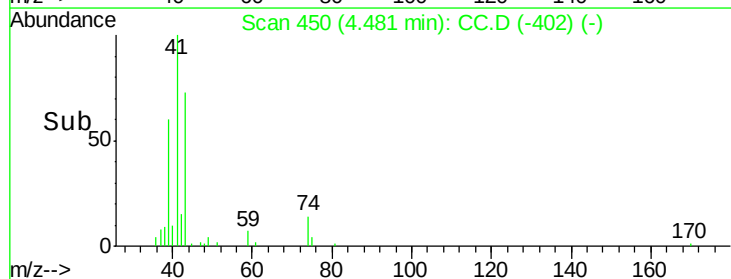
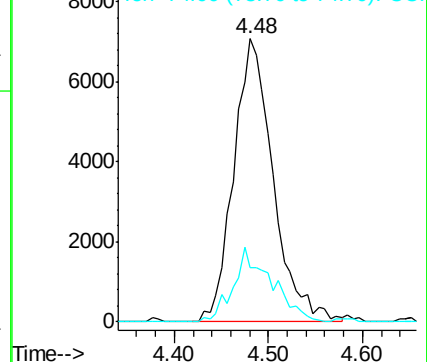
Ion Ratio Lower Upper

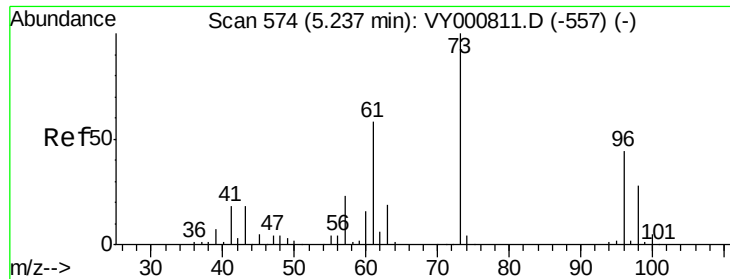
43 100

74 25.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): CC.
Ion 74.00 (73.70 to 74.70): CC.

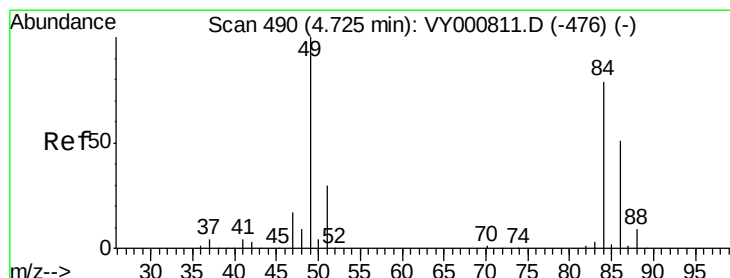
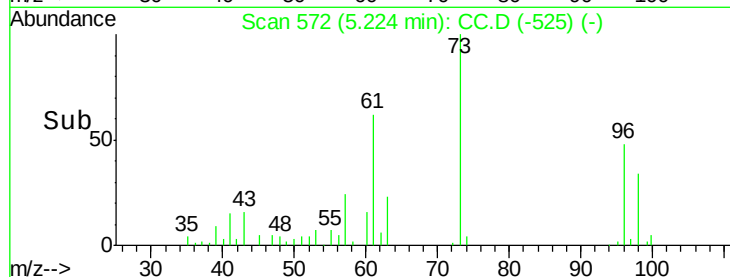
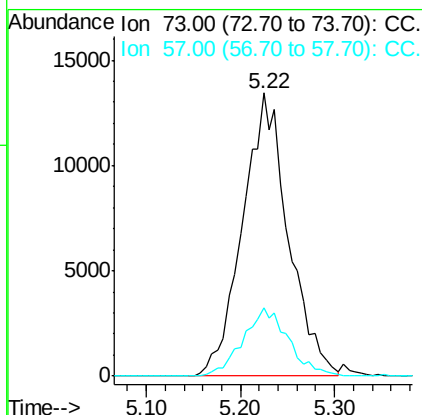
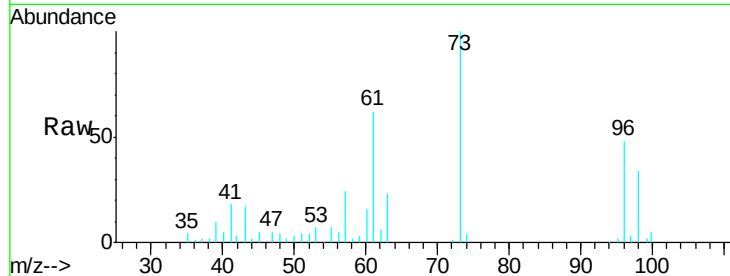




#19
Methyl tert-butyl Ether
Concen: 4.918 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

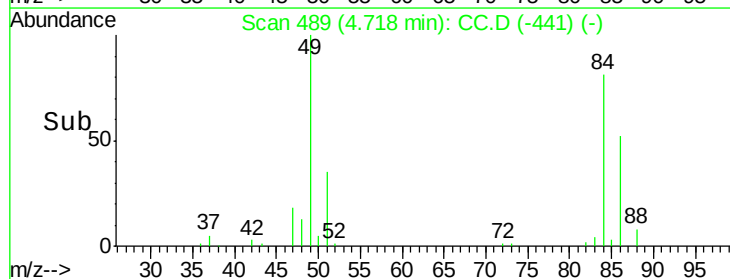
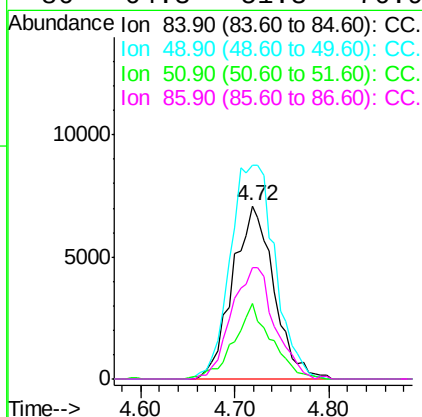
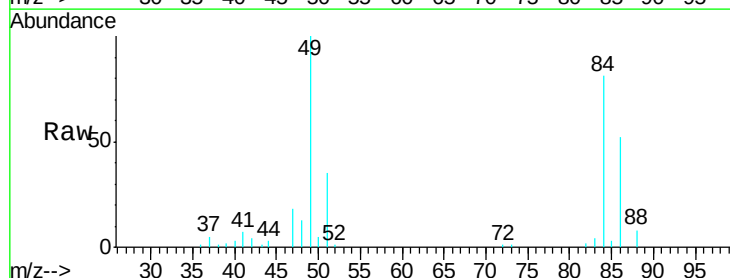
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

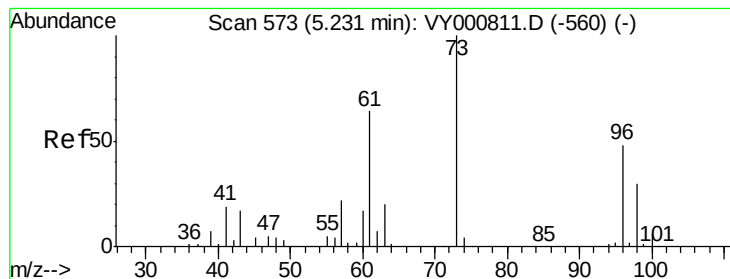
Tgt Ion: 73 Resp: 45682
Ion Ratio Lower Upper
73 100
57 24.0 18.2 27.4



#20
Methylene Chloride
Concen: 5.318 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion: 84 Resp: 21703
Ion Ratio Lower Upper
84 100
49 123.1 101.3 151.9
51 43.6 30.6 45.8
86 64.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 5.764 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

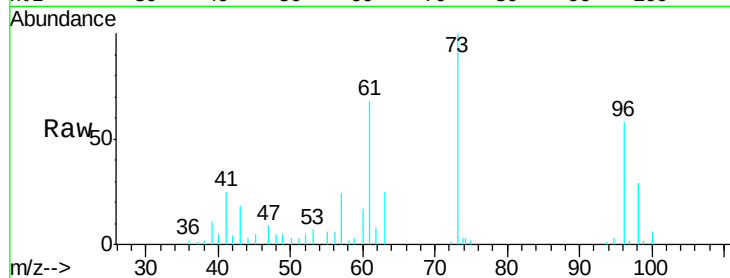
Tgt Ion: 96 Resp: 21702

Ion Ratio Lower Upper

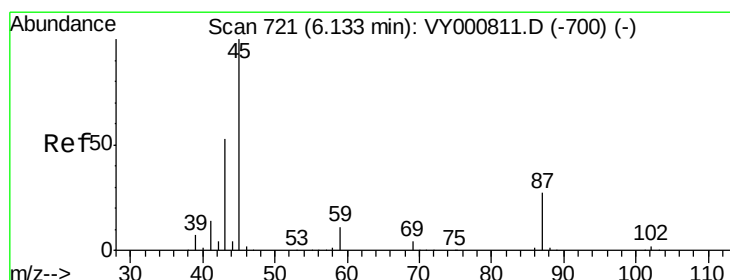
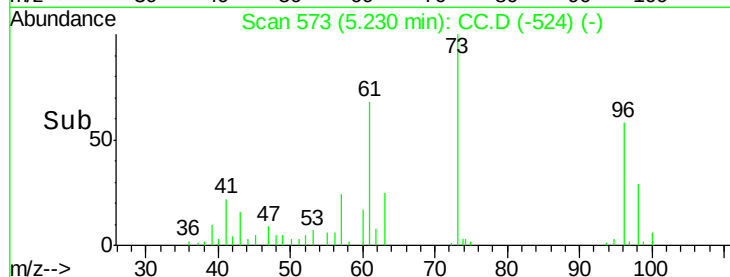
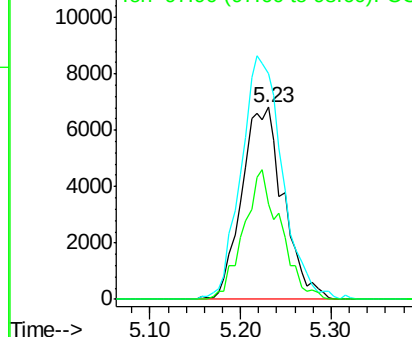
96 100

61 117.4 105.9 158.9

98 49.2 49.4 74.2#



Abundance Ion 95.90 (95.60 to 96.60): CC.
Ion 60.90 (60.60 to 61.60): CC.
Ion 97.90 (97.60 to 98.60): CC.



#22

Diisopropyl ether

Concen: 5.431 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Tgt Ion: 45 Resp: 64256

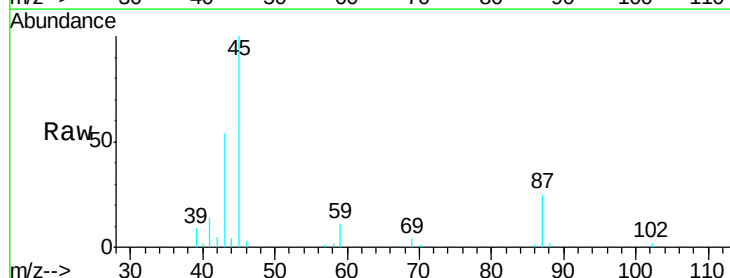
Ion Ratio Lower Upper

45 100

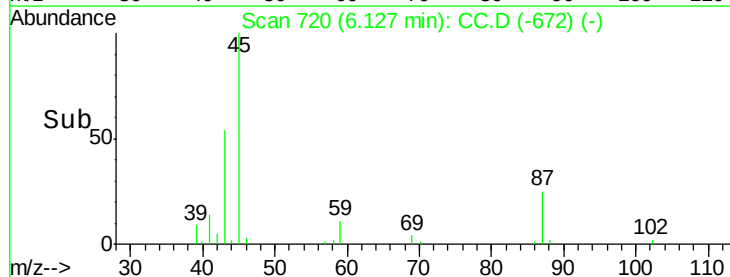
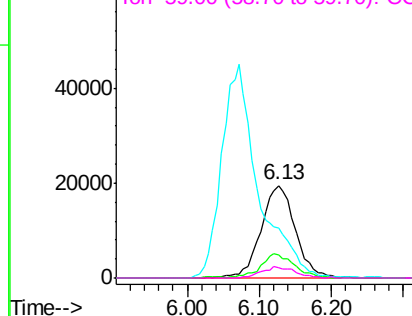
43 52.9 42.7 64.1

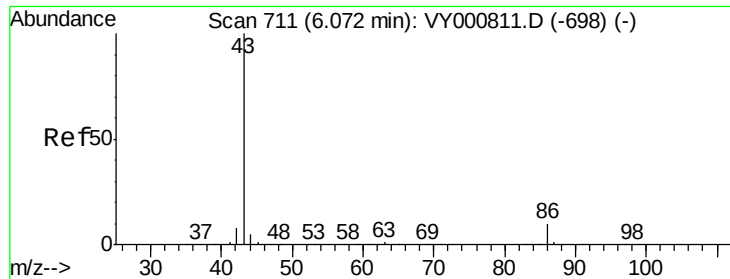
87 25.5 22.0 33.0

59 11.4 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): CC.
Ion 43.00 (42.70 to 43.70): CC.
Ion 87.00 (86.70 to 87.70): CC.
Ion 59.00 (58.70 to 59.70): CC.





#23

Vinyl Acetate

Concen: 21.274 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

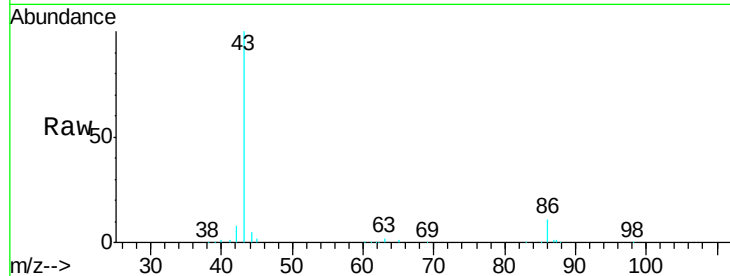
VSTDIC005

Tgt Ion: 43 Resp: 158927

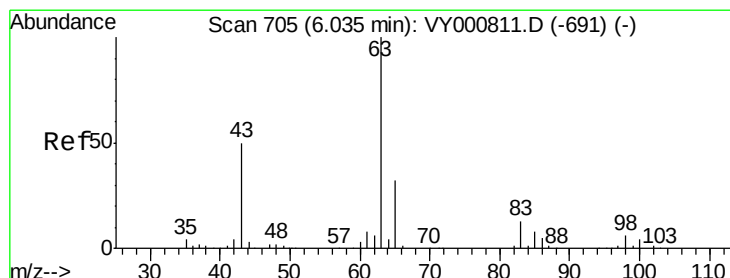
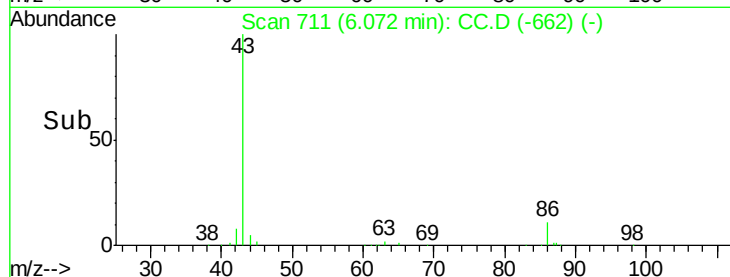
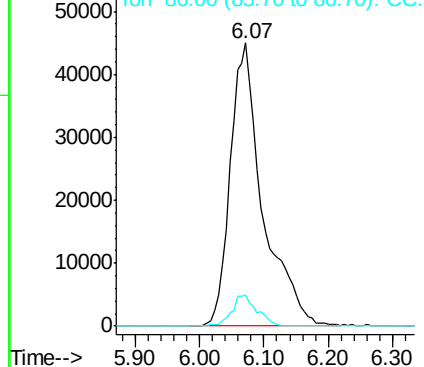
Ion Ratio Lower Upper

43 100

86 11.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): CC.
Ion 86.00 (85.70 to 86.70): CC.



#24

1,1-Dichloroethane

Concen: 5.446 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

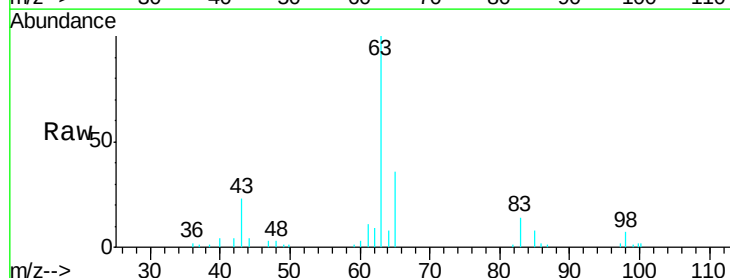
Tgt Ion: 63 Resp: 35013

Ion Ratio Lower Upper

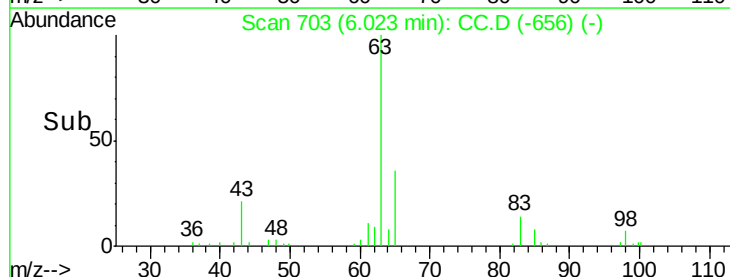
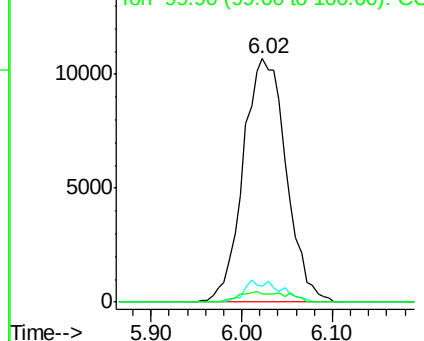
63 100

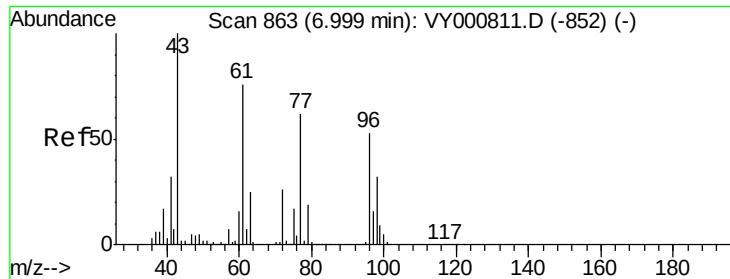
98 6.7 3.3 9.8

100 3.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): CC.
Ion 97.90 (97.60 to 98.60): CC.
Ion 99.90 (99.60 to 100.60): CC.





#25

2-Butanone

Concen: 22.040 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

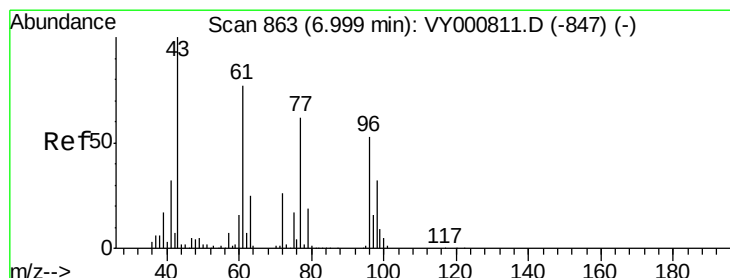
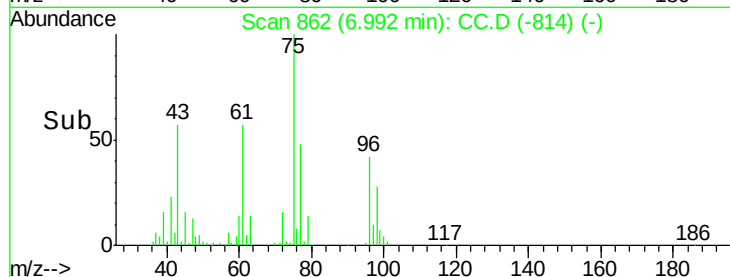
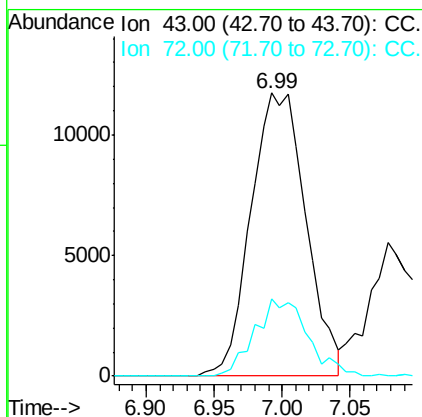
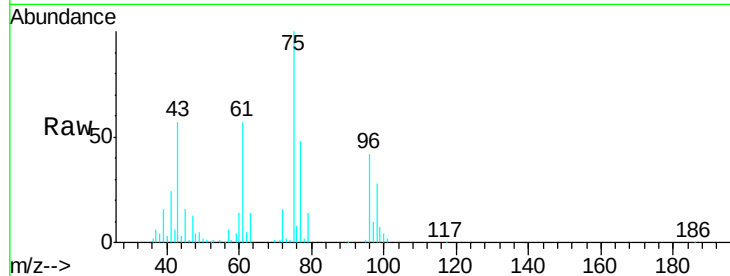
VSTDIC005

Tgt Ion: 43 Resp: 33250

Ion Ratio Lower Upper

43 100

72 27.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 5.256 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: CC.D

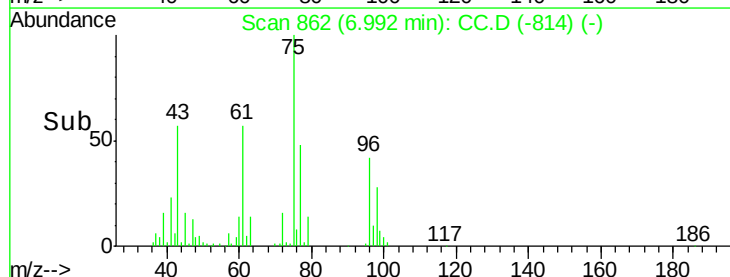
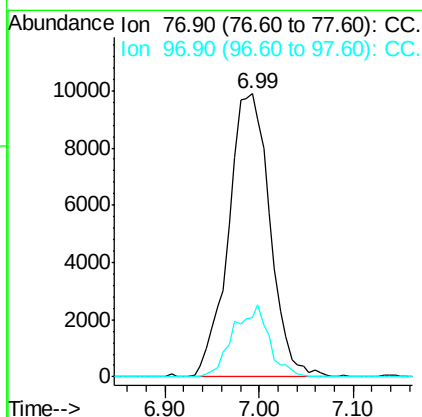
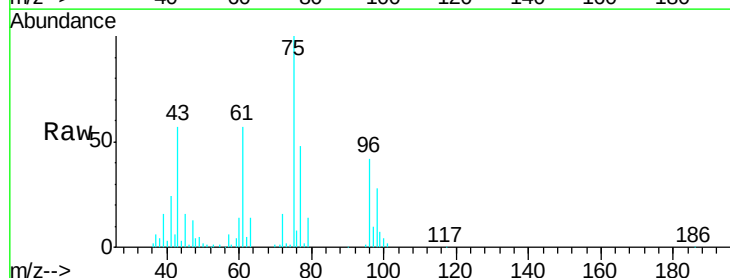
Acq: 27 Nov 2019 10:12

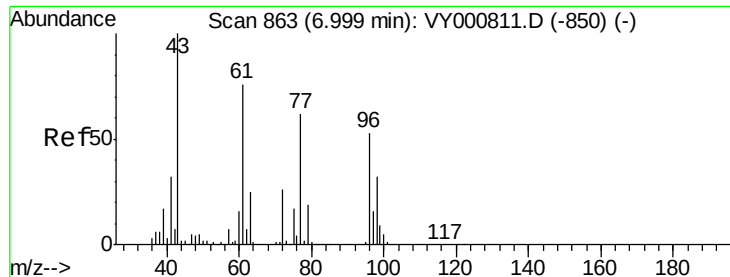
Tgt Ion: 77 Resp: 30403

Ion Ratio Lower Upper

77 100

97 21.9 11.9 35.9



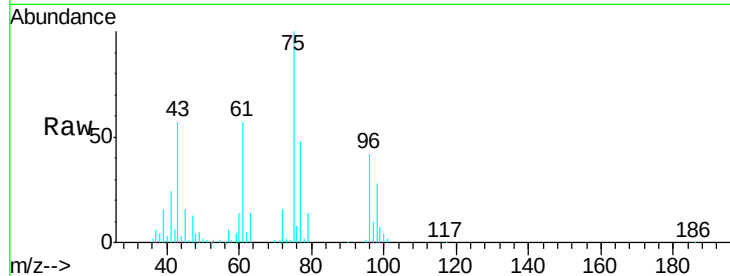


#27

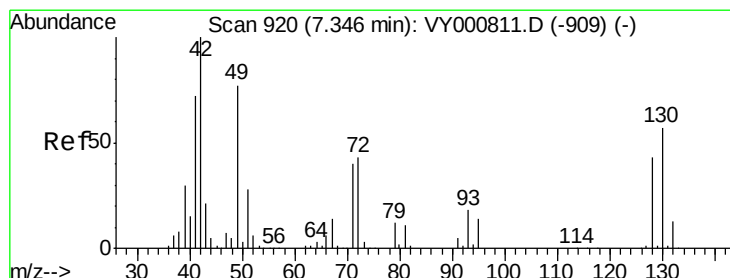
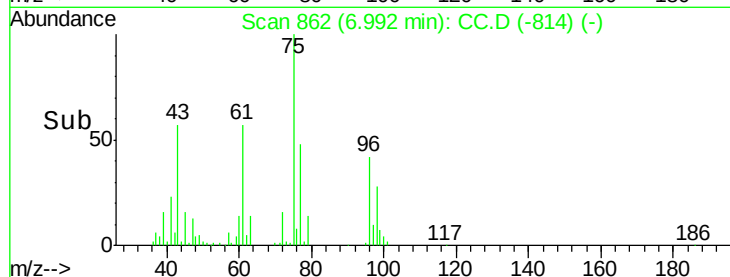
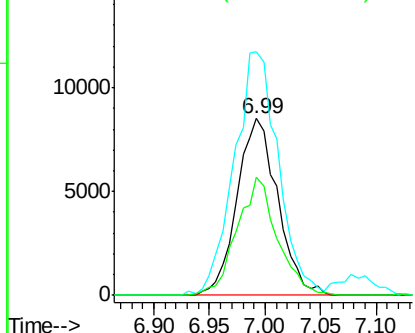
cis-1,2-Dichloroethene
Concen: 5.261 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 21684
Ion Ratio Lower Upper
96 100
61 149.9 0.0 285.0
98 65.9 0.0 128.0



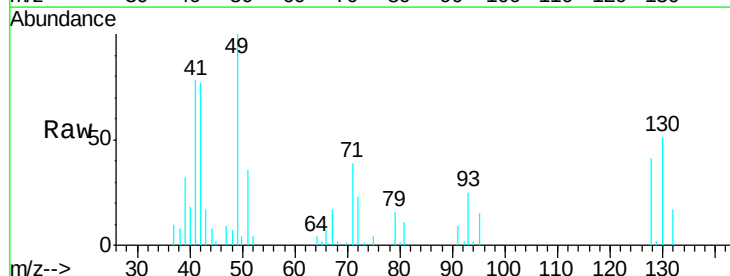
Abundance Ion 95.90 (95.60 to 96.60): CC.
Ion 60.90 (60.60 to 61.60): CC.
Ion 97.90 (97.60 to 98.60): CC.



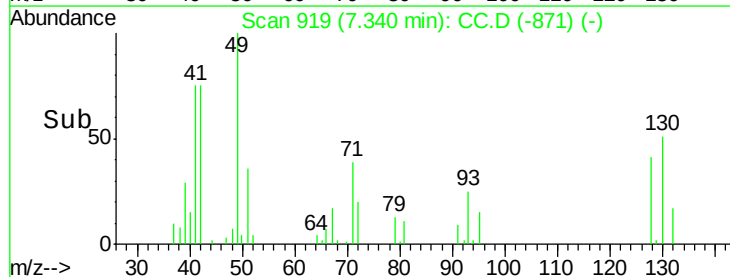
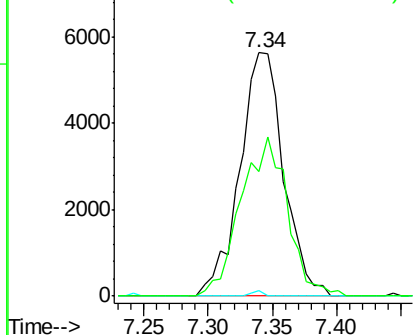
#28

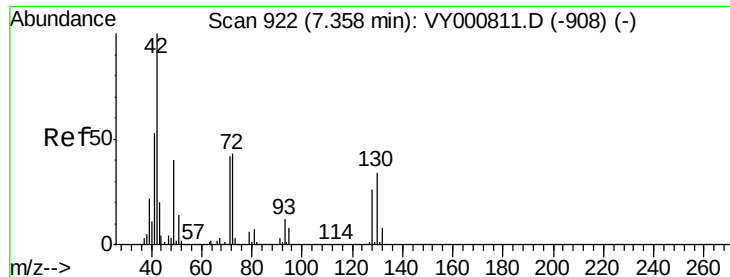
Bromochloromethane
Concen: 5.382 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion: 49 Resp: 13317
Ion Ratio Lower Upper
49 100
129 0.6 0.0 3.8
130 69.6 58.7 88.1



Abundance Ion 48.90 (48.60 to 49.60): CC.
Ion 128.80 (128.50 to 129.50): C
Ion 129.80 (129.50 to 130.50): C

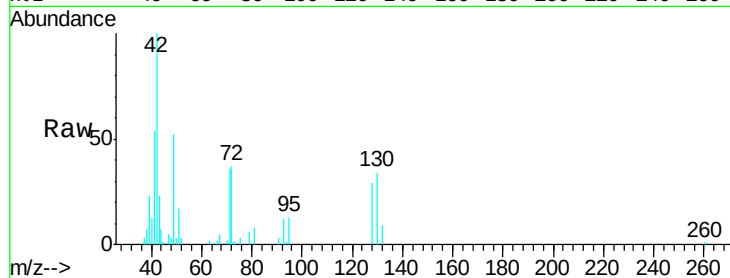




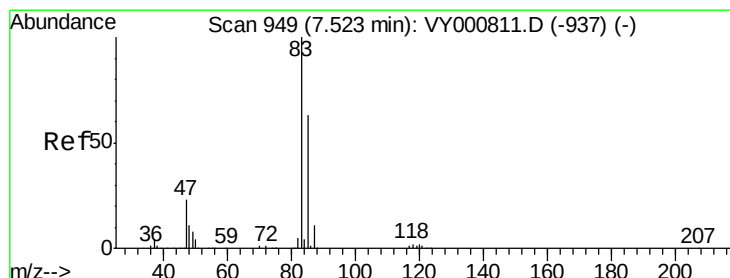
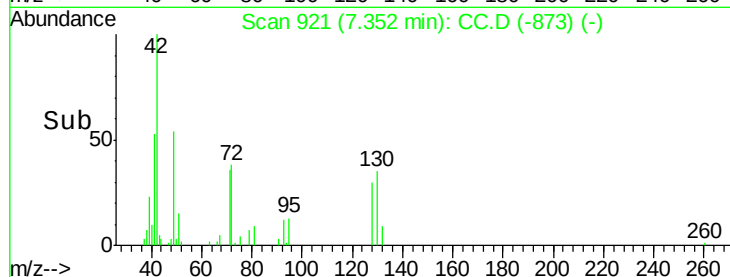
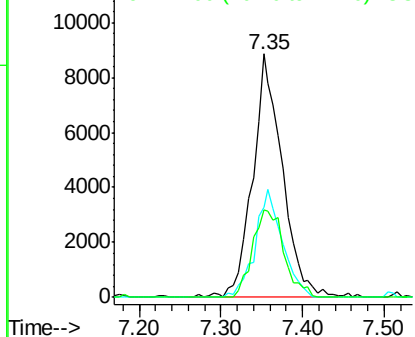
#29
Tetrahydrofuran
Concen: 23.832 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 22343
Ion Ratio Lower Upper
42 100
72 41.1 35.1 52.7
71 38.2 32.8 49.2

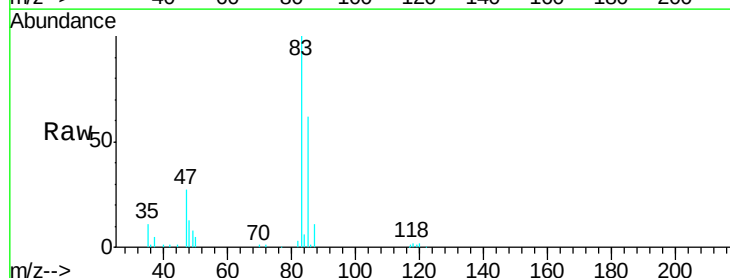


Abundance Ion 42.00 (41.70 to 42.70): CC.
Ion 72.00 (71.70 to 72.70): CC.
Ion 71.00 (70.70 to 71.70): CC.

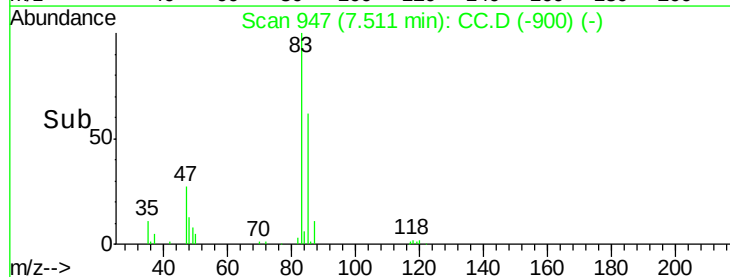
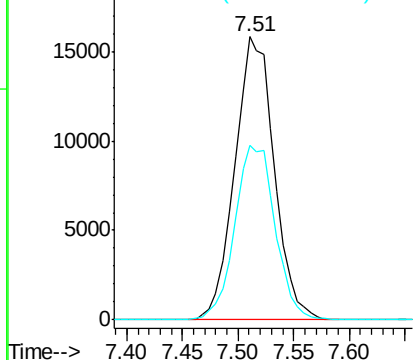


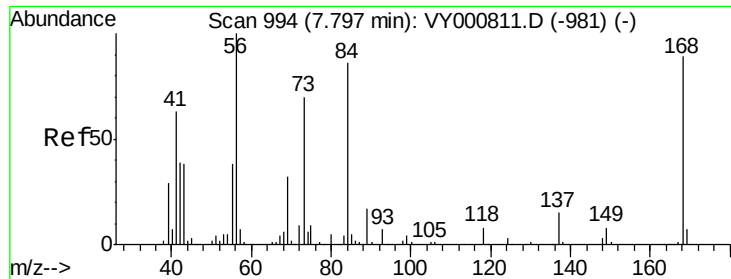
#30
Chloroform
Concen: 6.026 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion: 83 Resp: 38799
Ion Ratio Lower Upper
83 100
85 61.7 50.4 75.6



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

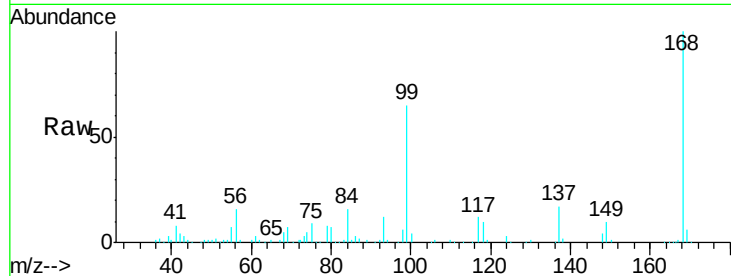




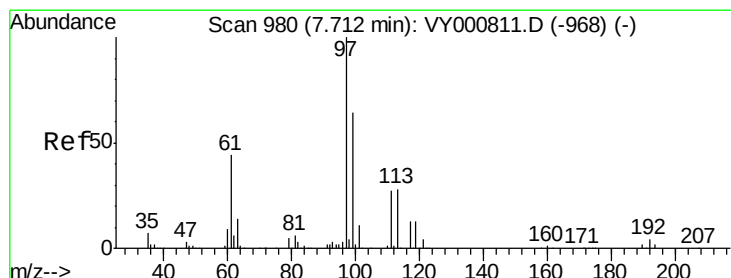
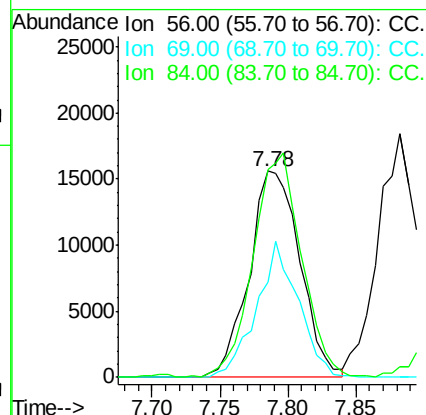
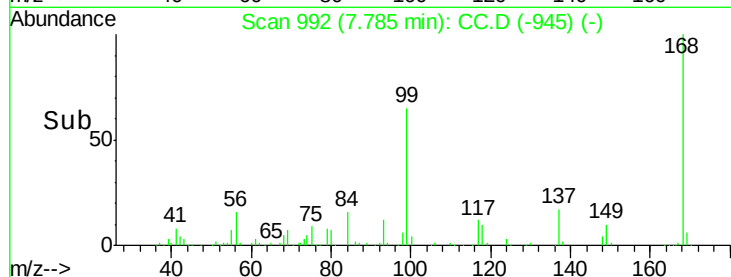
#31
Cyclohexane
Concen: 6.067 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 40799
Ion Ratio Lower Upper
56 100
69 46.5 25.9 38.9#
84 100.1 68.6 102.8

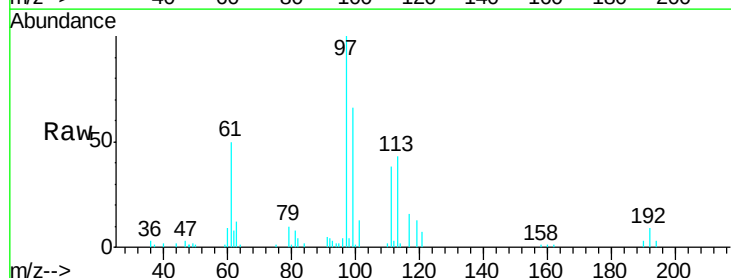


Abundance Ion 56.00 (55.70 to 56.70): CC.
Ion 69.00 (68.70 to 69.70): CC.
Ion 84.00 (83.70 to 84.70): CC.

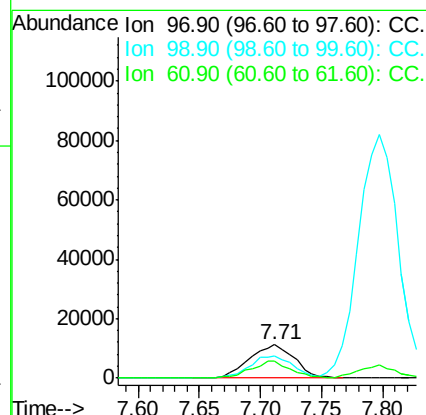
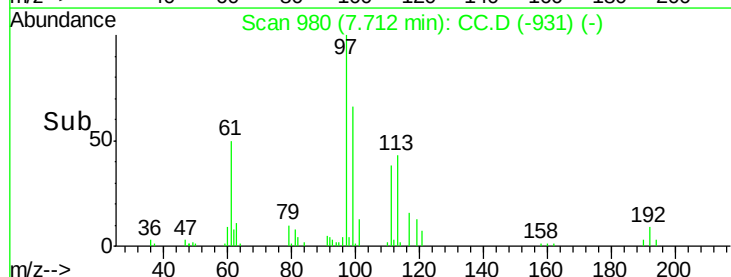


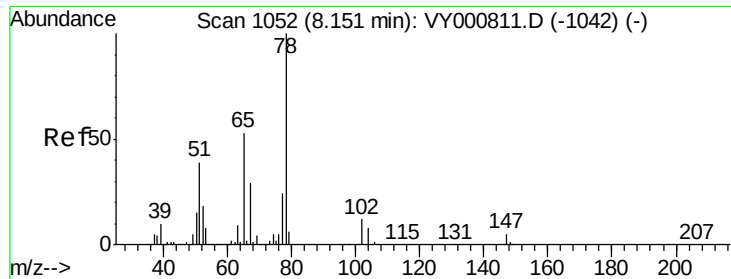
#32
1,1,1-Trichloroethane
Concen: 5.062 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion: 97 Resp: 28738
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 46.2 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): CC.
Ion 98.90 (98.60 to 99.60): CC.
Ion 60.90 (60.60 to 61.60): CC.

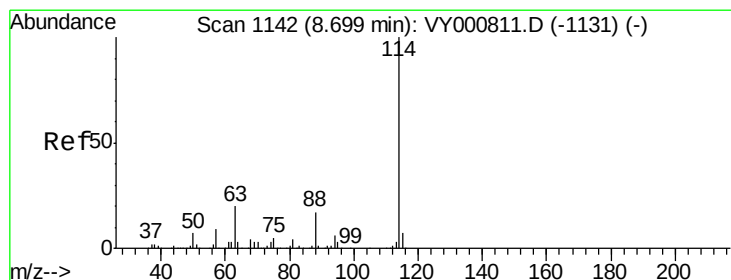
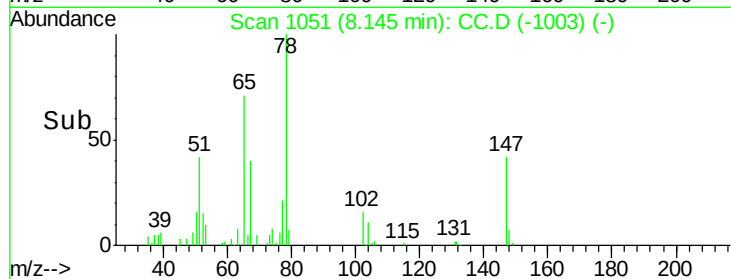
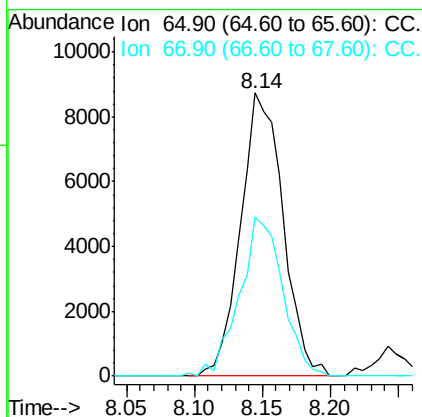
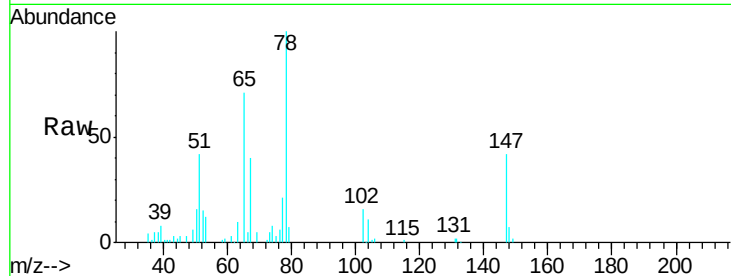




#33
 1,2-Dichloroethane-d4
 Concen: 5.701 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

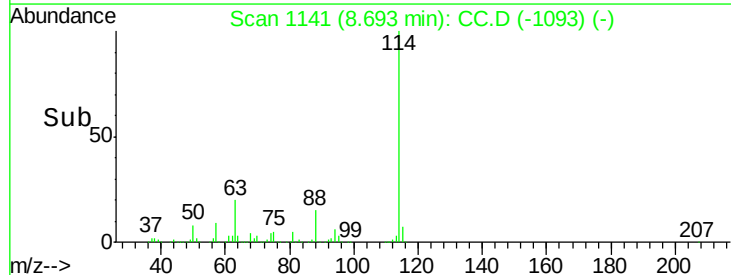
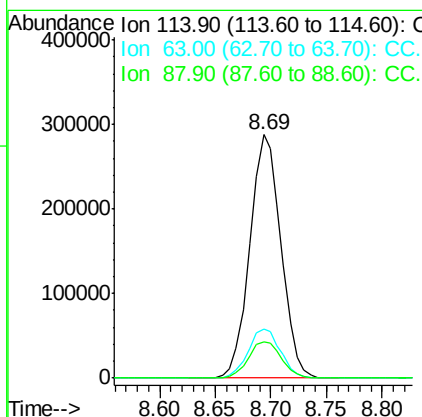
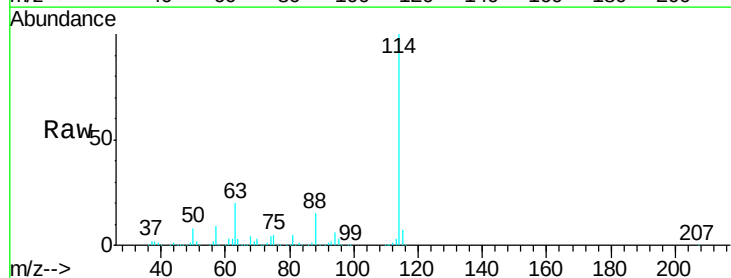
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

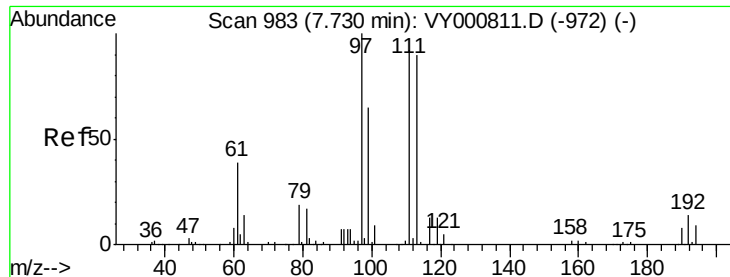
Tgt Ion: 65 Resp: 19037
 Ion Ratio Lower Upper
 65 100
 67 57.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

Tgt Ion: 114 Resp: 560215
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 14.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 5.225 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

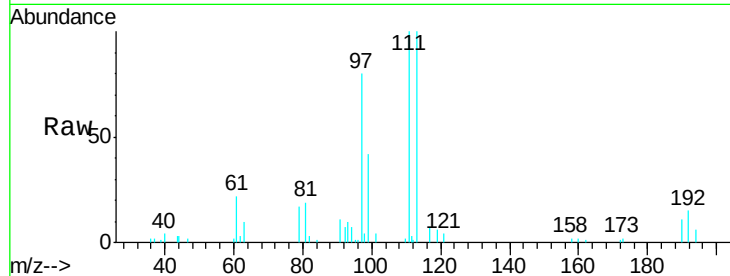
Tgt Ion:113 Resp: 17000

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

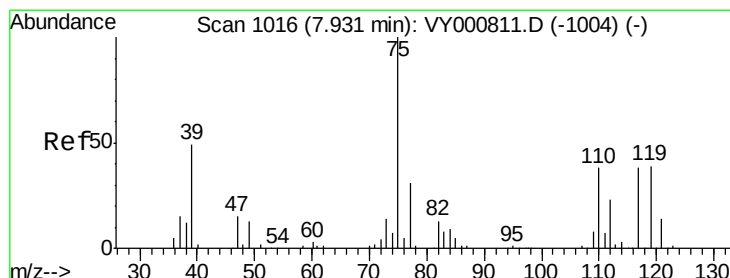
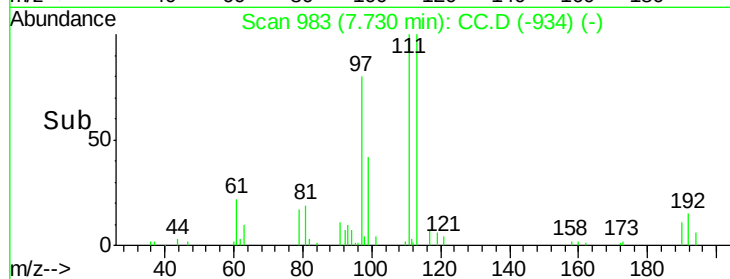
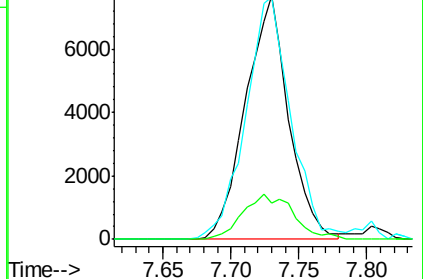
192 21.6 14.2 21.2#



Abundance Ion 112.80 (112.50 to 113.50): C

Ion 110.80 (110.50 to 111.50): C

Ion 191.70 (191.40 to 192.40): C



#36

1,1-Dichloropropene

Concen: 5.305 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

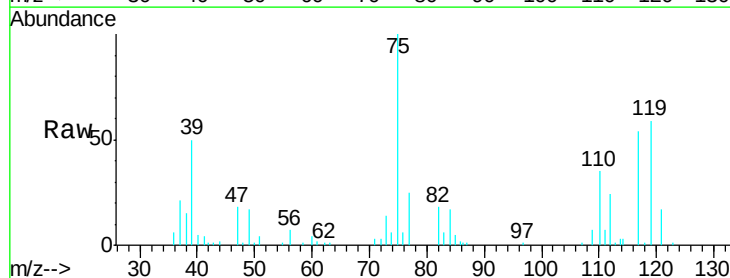
Tgt Ion: 75 Resp: 28506

Ion Ratio Lower Upper

75 100

110 34.7 17.9 53.7

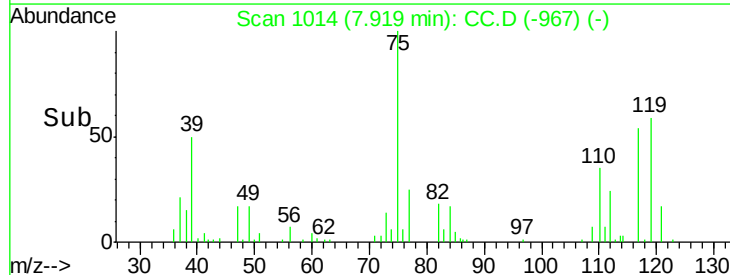
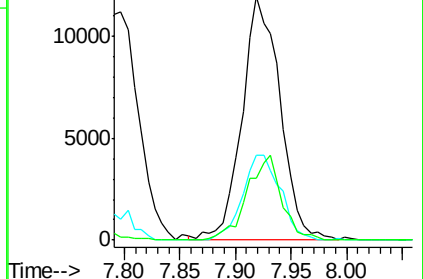
77 31.8 24.7 37.1

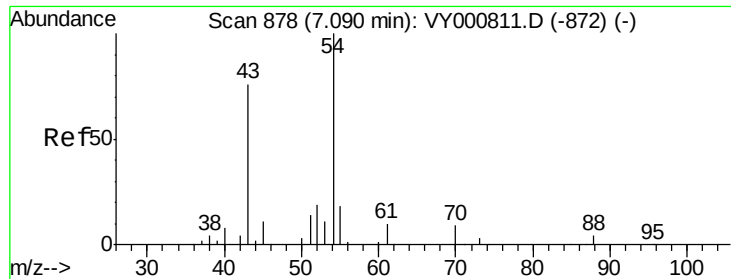


Abundance Ion 74.90 (74.60 to 75.60): CC.

Ion 109.90 (109.60 to 110.60): C

Ion 76.90 (76.60 to 77.60): CC.

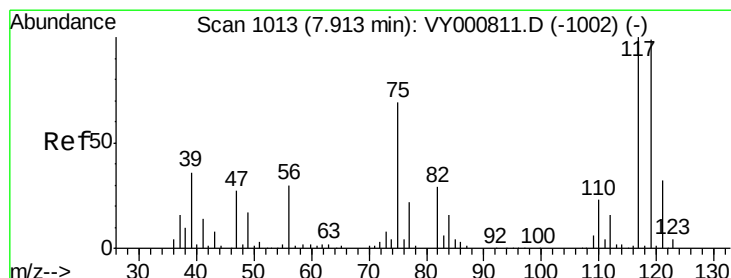
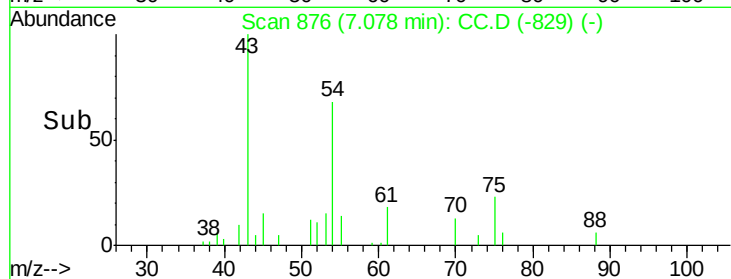
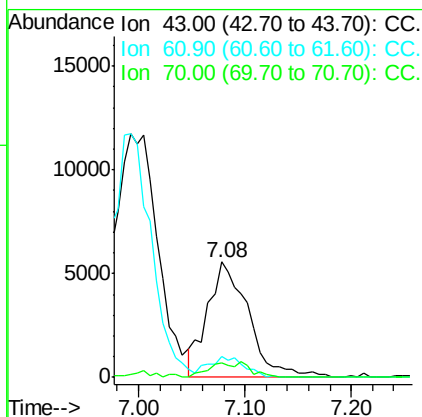
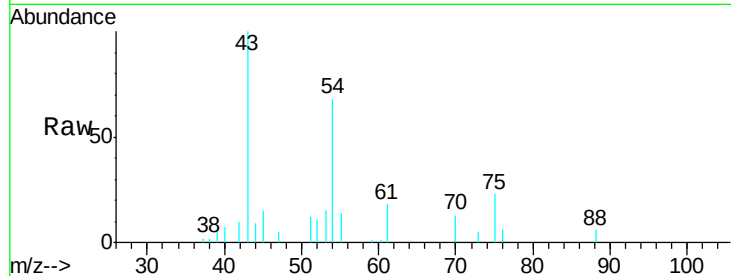




#37
Ethyl Acetate
 Concen: 4.631 ug/l
 RT: 7.08 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

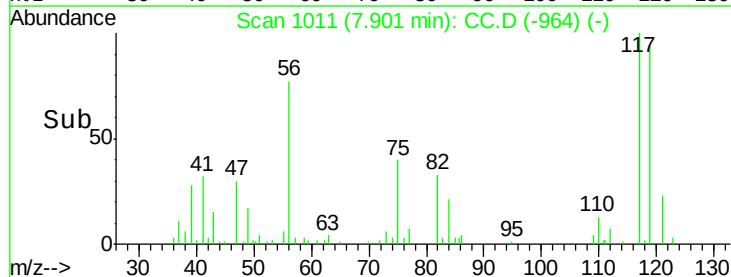
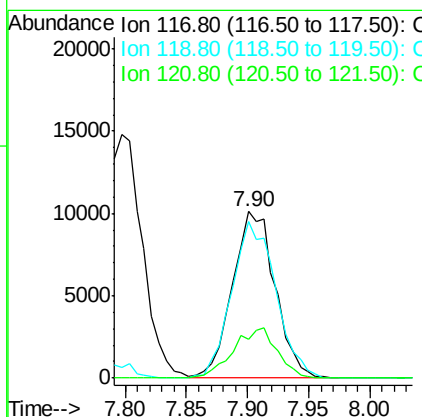
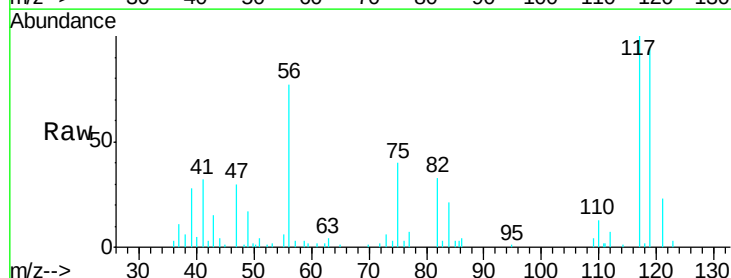
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

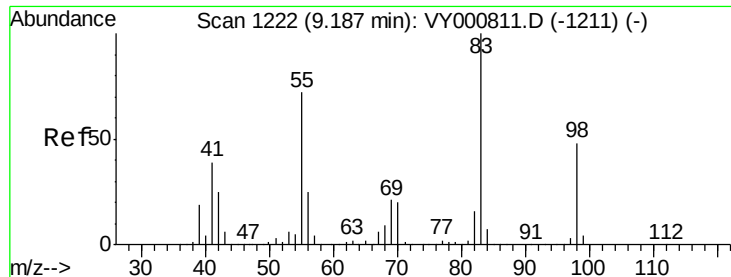
Tgt Ion: 43 Resp: 14907
 Ion Ratio Lower Upper
 43 100
 61 15.6 11.8 17.8
 70 7.7 8.7 13.1#



#38
Carbon Tetrachloride
 Concen: 4.817 ug/l
 RT: 7.90 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

Tgt Ion: 117 Resp: 24548
 Ion Ratio Lower Upper
 117 100
 119 94.0 79.3 118.9
 121 23.3 25.5 38.3#

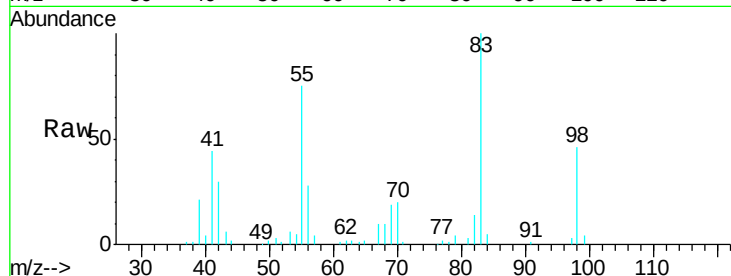




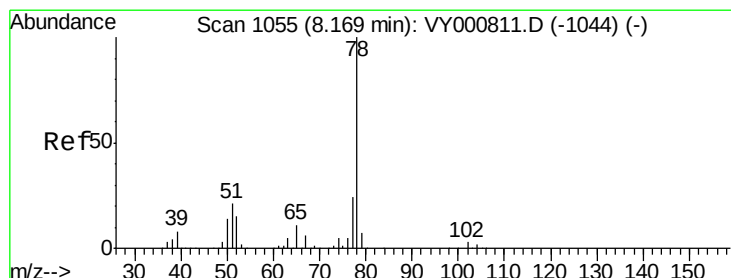
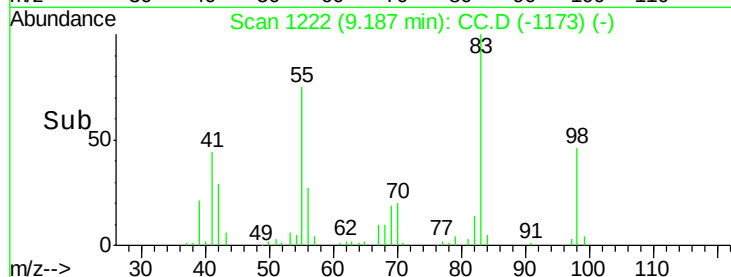
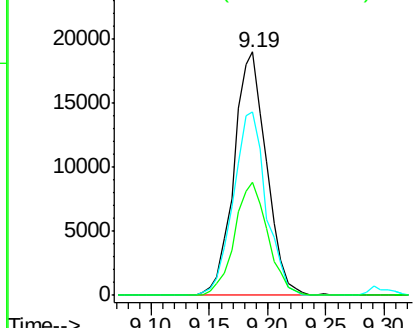
#39
Methylcyclohexane
Concen: 5.302 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 36806
Ion Ratio Lower Upper
83 100
55 75.2 57.8 86.6
98 46.4 38.6 58.0

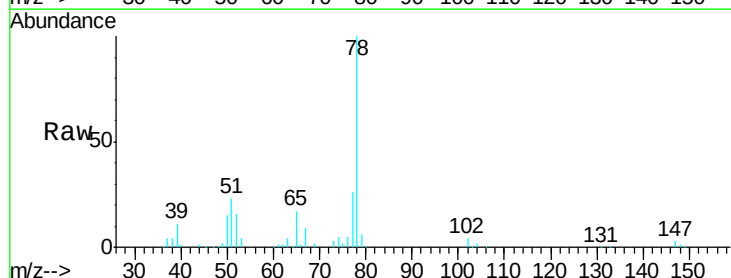


Abundance Ion 83.00 (82.70 to 83.70): CC.
Ion 55.00 (54.70 to 55.70): CC.
Ion 98.00 (97.70 to 98.70): CC.

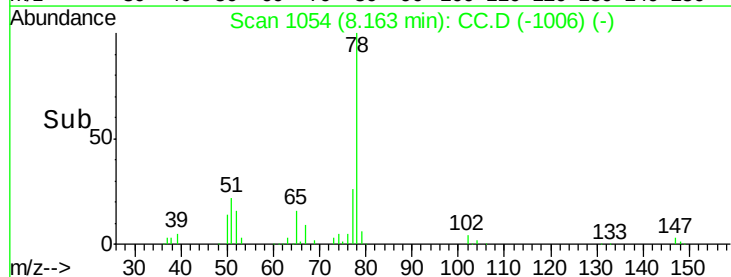
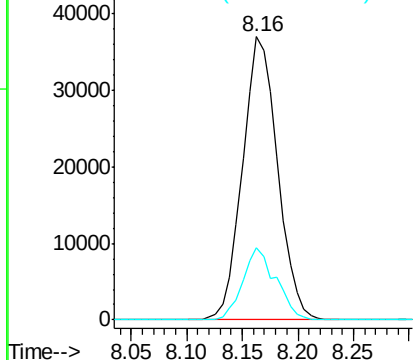


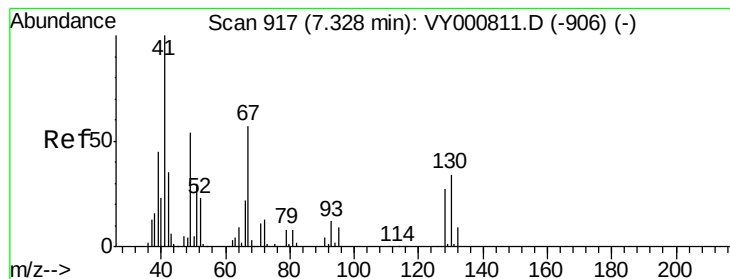
#40
Benzene
Concen: 5.146 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion: 78 Resp: 81129
Ion Ratio Lower Upper
78 100
77 25.6 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): CC.
Ion 77.00 (76.70 to 77.70): CC.





#41

Methacrylonitrile

Concen: 5.127 ug/l

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 9091

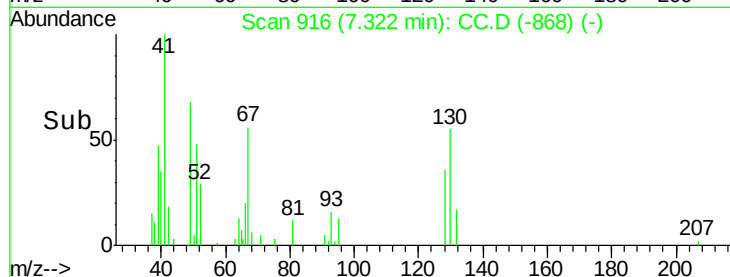
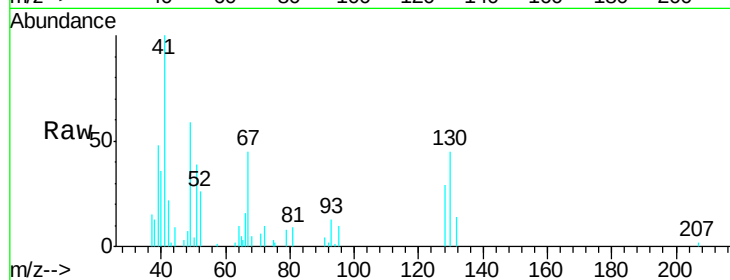
Ion Ratio Lower Upper

41 100

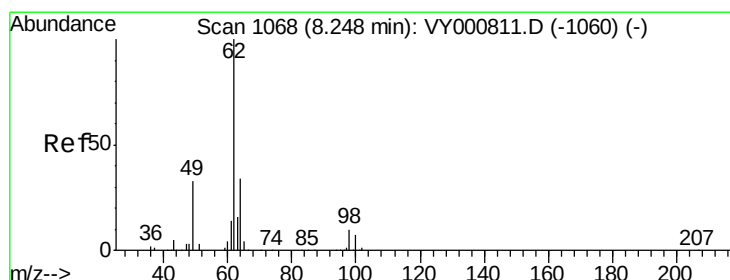
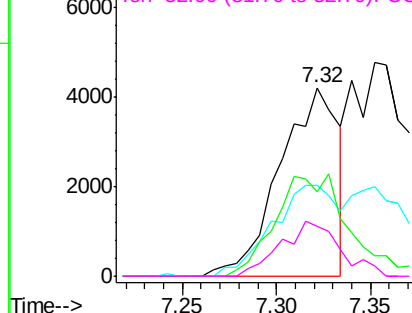
39 53.5 95.7 143.5#

67 66.9 0.0 0.0#

52 29.3 0.0 0.0#



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



#42

1,2-Dichloroethane

Concen: 4.893 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: CC.D

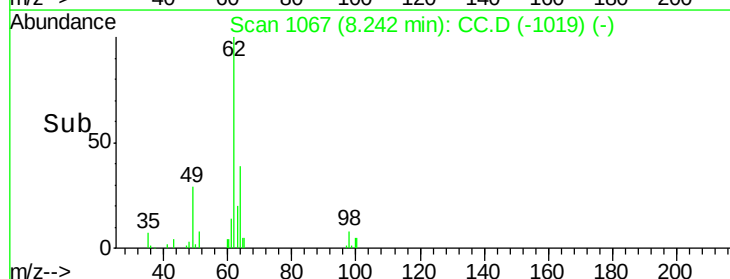
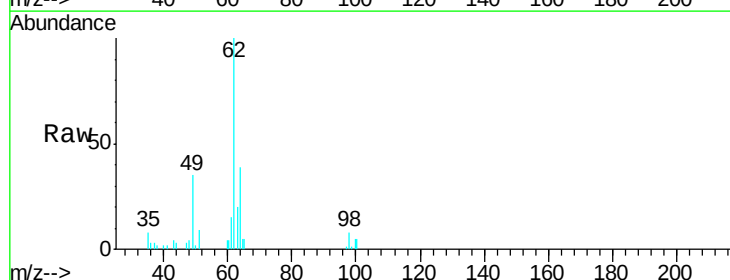
Acq: 27 Nov 2019 10:12

Tgt Ion: 62 Resp: 21601

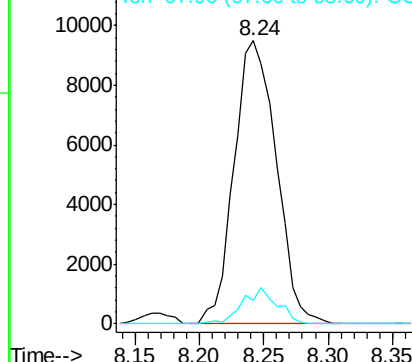
Ion Ratio Lower Upper

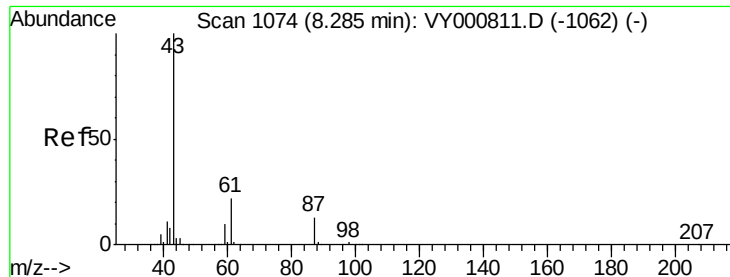
62 100

98 10.5 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): CC.
Ion 97.90 (97.60 to 98.60): CC.

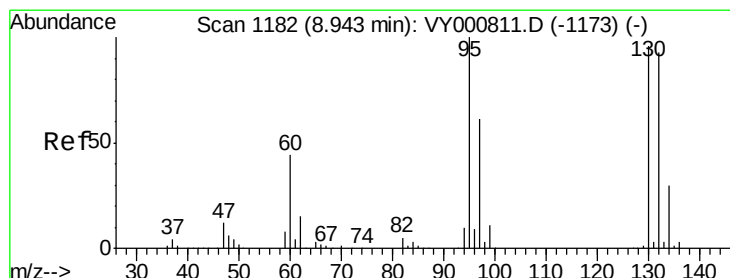
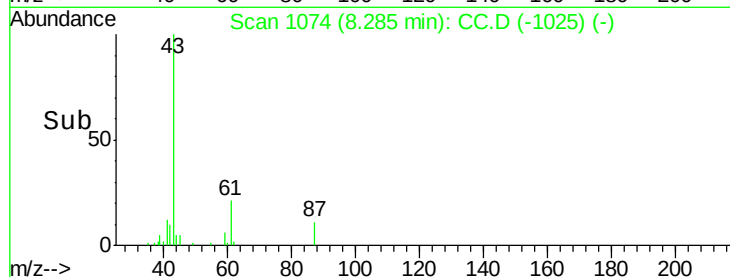
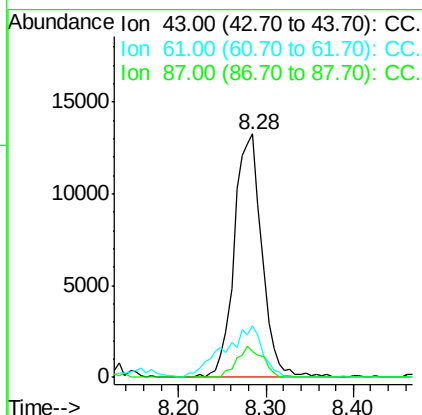
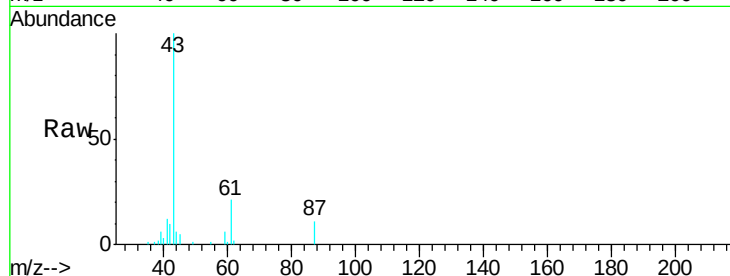




#43
Isopropyl Acetate
Concen: 4.841 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

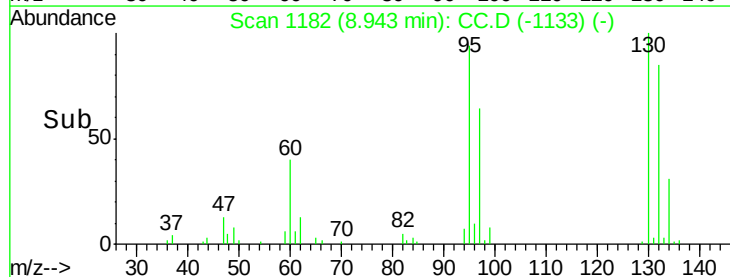
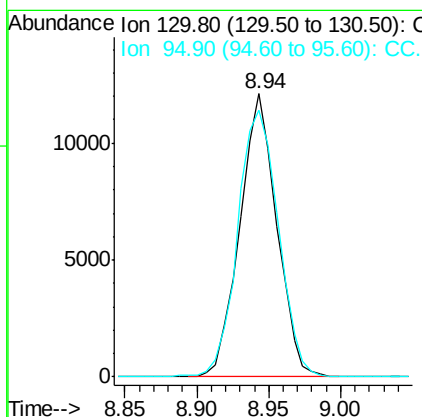
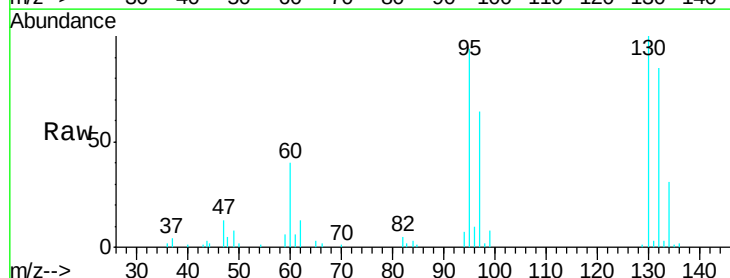
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

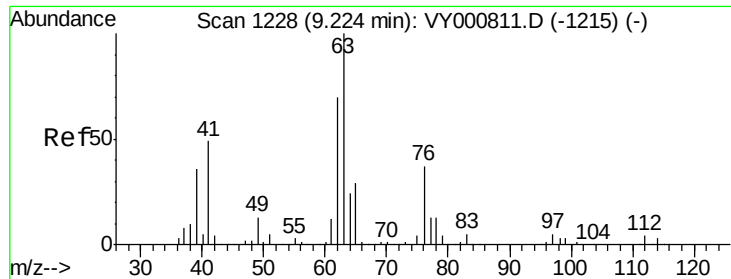
Tgt Ion: 43 Resp: 29243
Ion Ratio Lower Upper
43 100
61 29.4 23.7 35.5
87 12.1 10.6 15.8



#44
Trichloroethene
Concen: 5.187 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion: 130 Resp: 21484
Ion Ratio Lower Upper
130 100
95 94.1 0.0 207.8

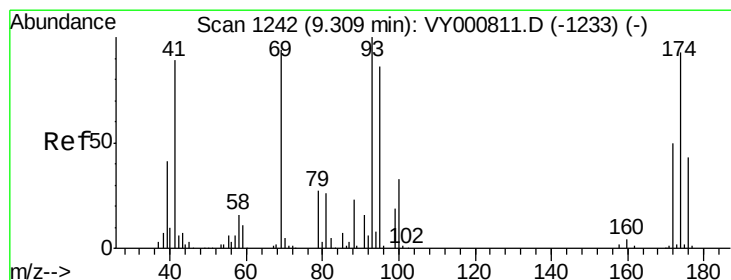
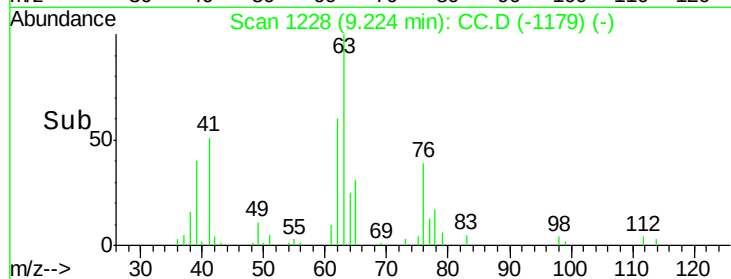
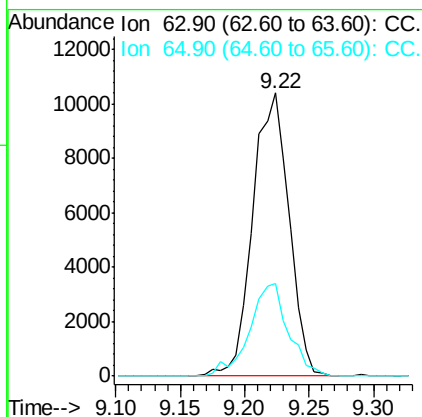
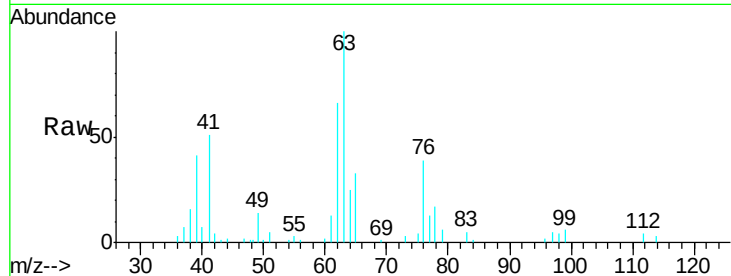




#45
 1,2-Dichloropropane
 Concen: 5.180 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

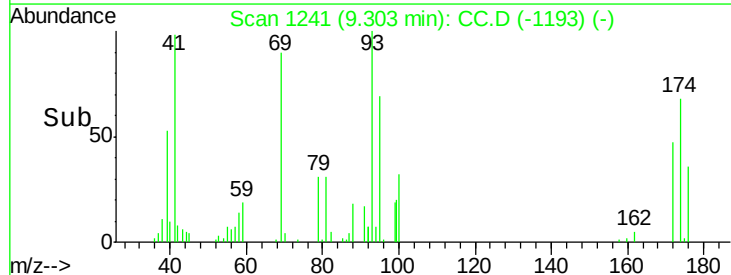
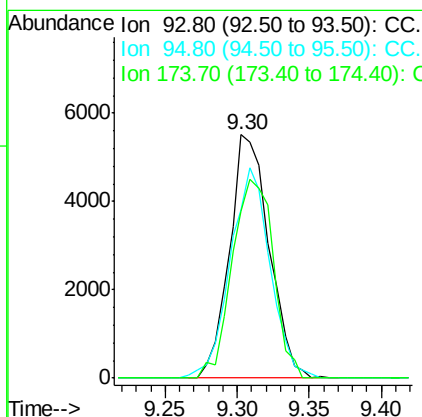
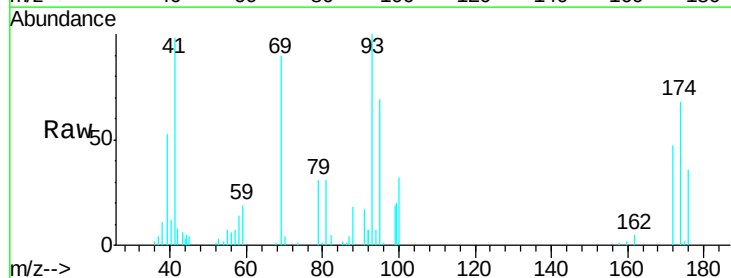
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

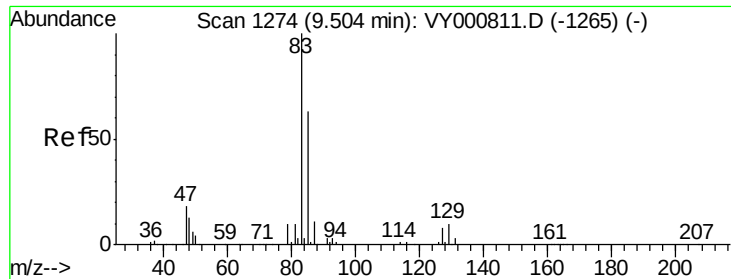
Tgt Ion: 63 Resp: 20237
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.2 34.8



#46
 Dibromomethane
 Concen: 4.955 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

Tgt Ion: 93 Resp: 10562
 Ion Ratio Lower Upper
 93 100
 95 86.9 66.4 99.6
 174 84.6 73.0 109.6

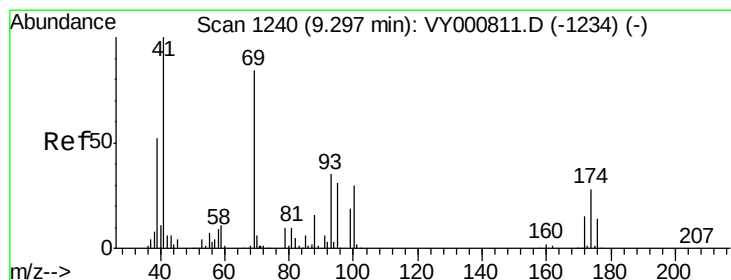
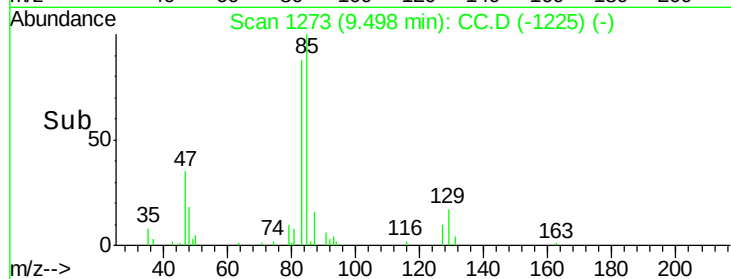
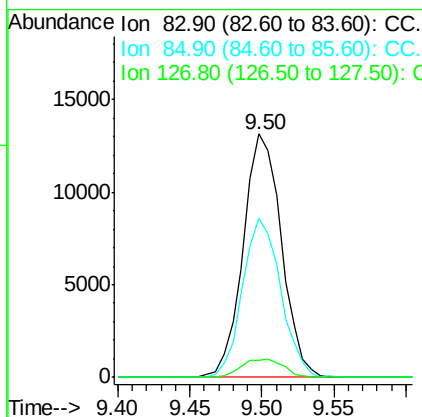
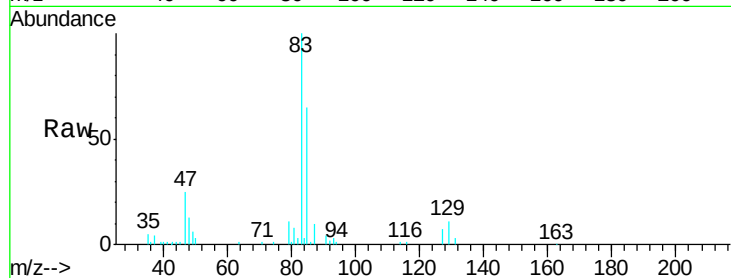




#47
 Bromodichloromethane
 Concen: 4.795 ug/l
 RT: 9.50 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

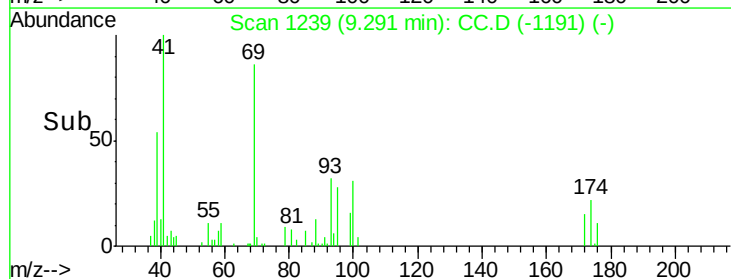
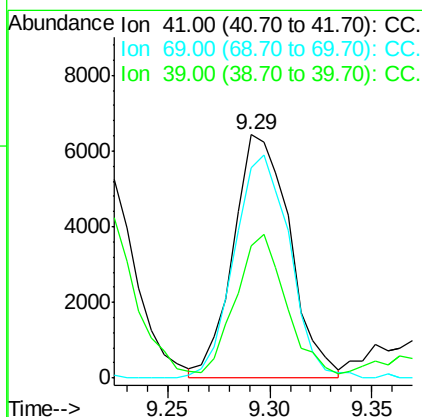
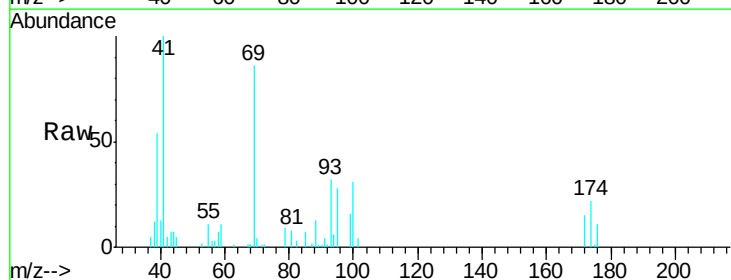
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

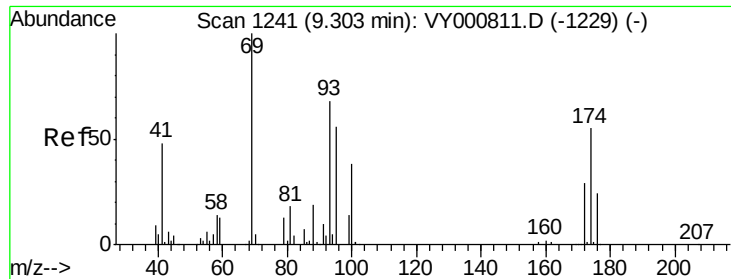
Tgt Ion: 83 Resp: 24106
 Ion Ratio Lower Upper
 83 100
 85 65.4 50.8 76.2
 127 6.8 6.6 10.0



#48
 Methyl methacrylate
 Concen: 4.642 ug/l
 RT: 9.29 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

Tgt Ion: 41 Resp: 12360
 Ion Ratio Lower Upper
 41 100
 69 89.8 70.4 105.6
 39 53.3 40.9 61.3

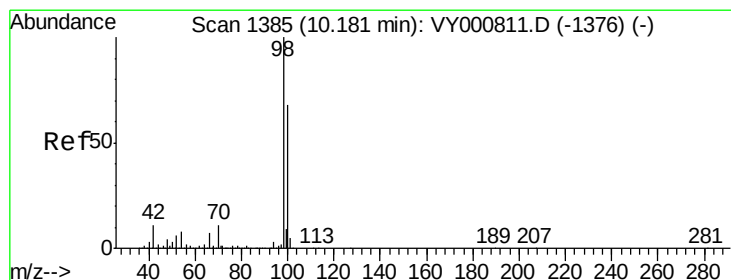
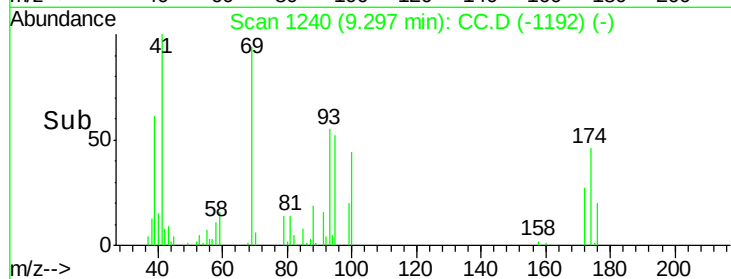
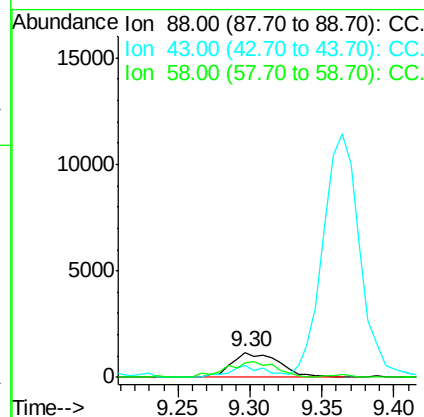
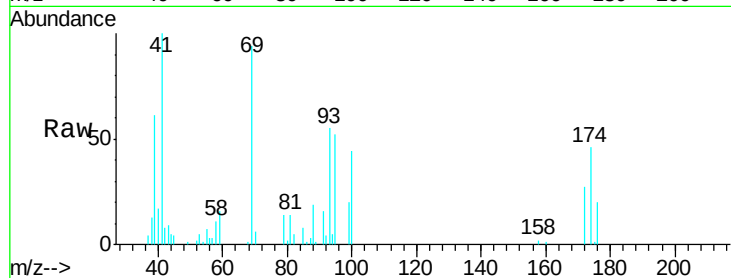




#49
 1,4-Dioxane
 Concen: 93.028 ug/l
 RT: 9.30 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

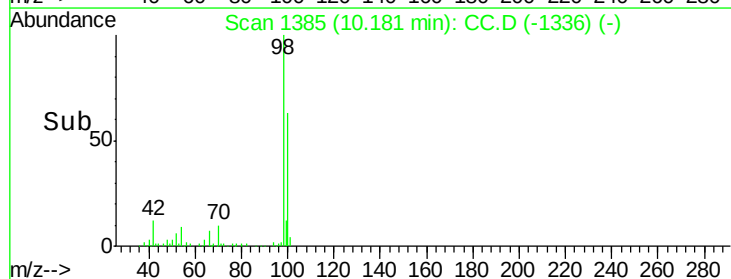
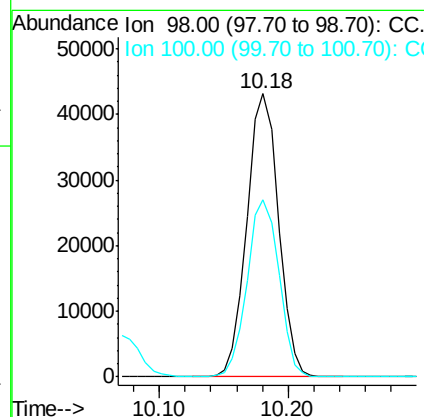
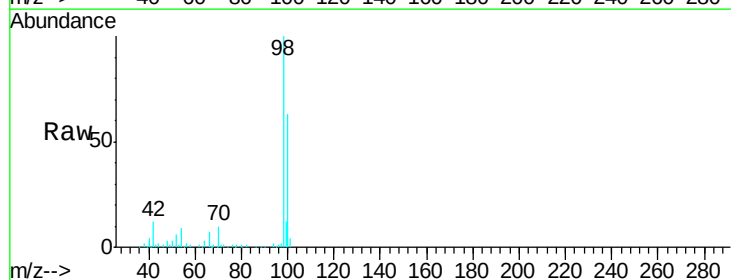
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

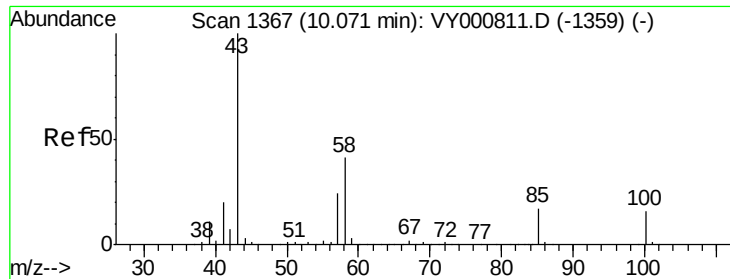
Tgt Ion: 88 Resp: 2717
 Ion Ratio Lower Upper
 88 100
 43 37.7 21.1 31.7#
 58 63.7 50.7 76.1



#50
 Toluene-d8
 Concen: 5.897 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

Tgt Ion: 98 Resp: 73111
 Ion Ratio Lower Upper
 98 100
 100 63.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 21.893 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

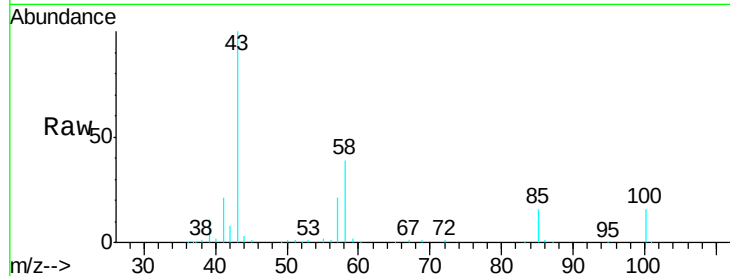
VSTDIC005

Tgt Ion: 43 Resp: 69875

Ion Ratio Lower Upper

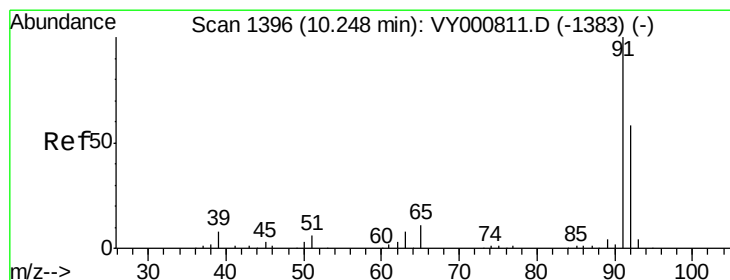
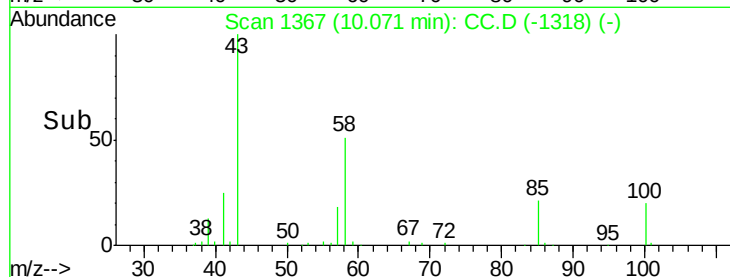
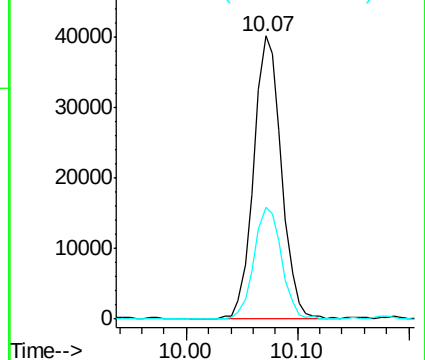
43 100

58 39.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): CC.

Ion 58.00 (57.70 to 58.70): CC.



#52

Toluene

Concen: 4.972 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: CC.D

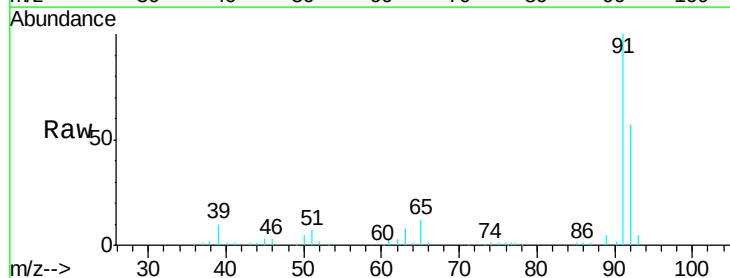
Acq: 27 Nov 2019 10:12

Tgt Ion: 92 Resp: 49454

Ion Ratio Lower Upper

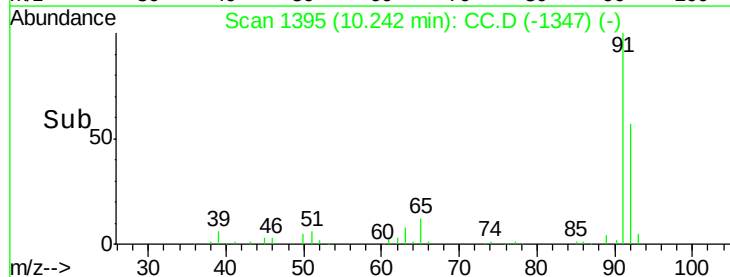
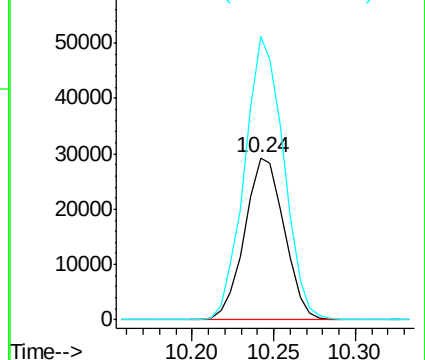
92 100

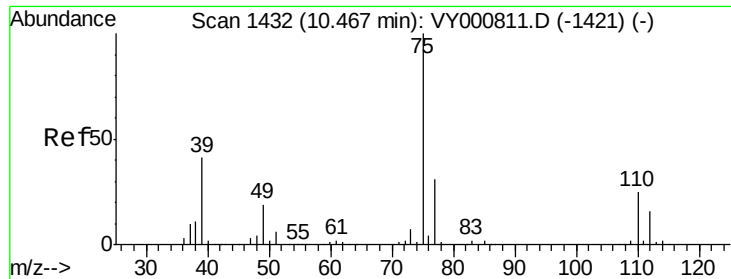
91 173.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): CC.

Ion 91.00 (90.70 to 91.70): CC.

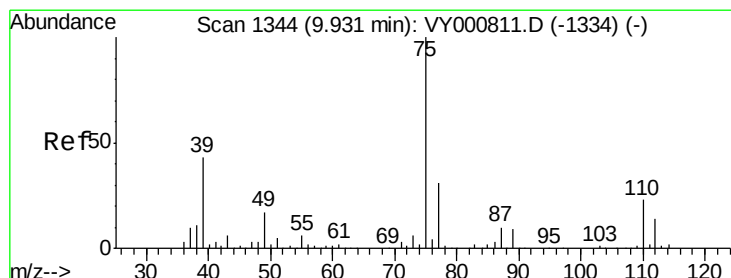
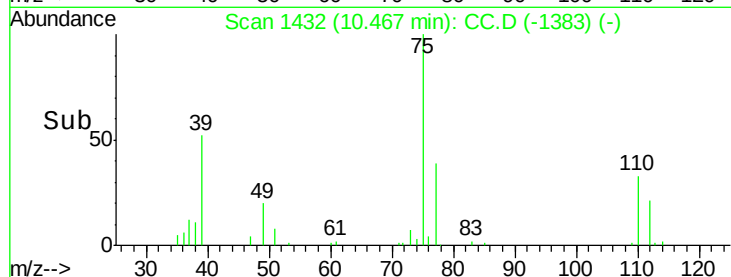
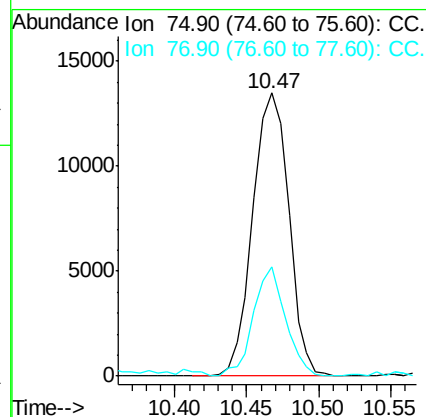
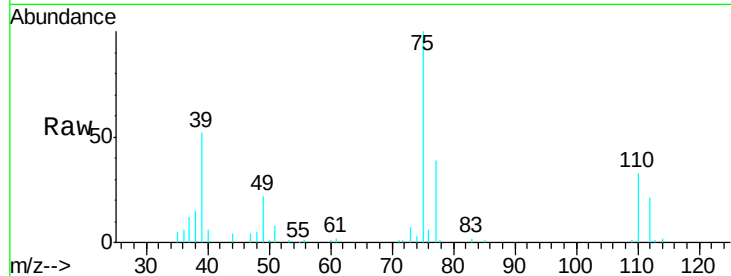




#53
 t-1,3-Dichloropropene
 Concen: 4.336 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

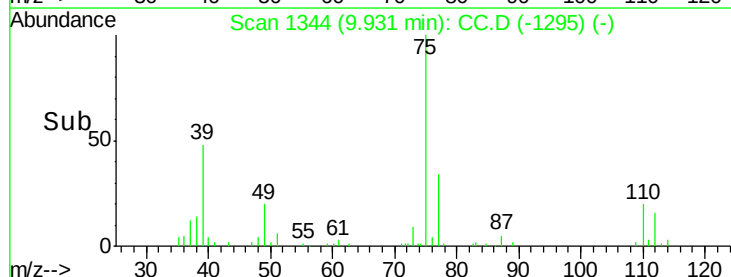
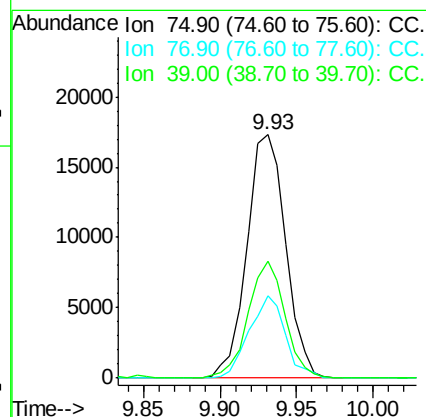
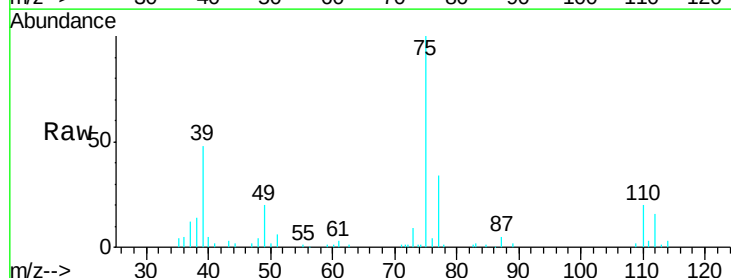
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

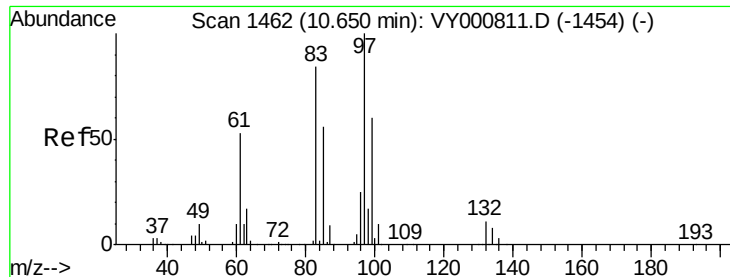
Tgt Ion: 75 Resp: 23356
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.1 37.7#



#54
 cis-1,3-Dichloropropene
 Concen: 4.916 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

Tgt Ion: 75 Resp: 30453
 Ion Ratio Lower Upper
 75 100
 77 34.0 24.7 37.1
 39 47.9 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 5.029 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 15537

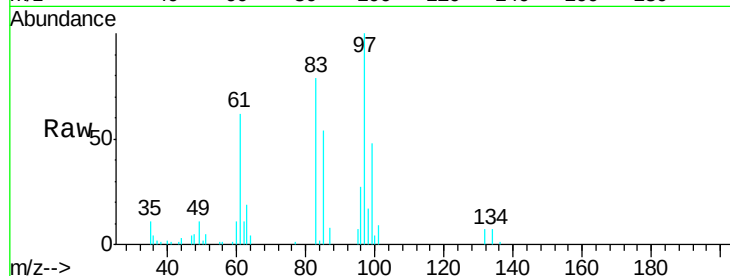
Ion Ratio Lower Upper

97 100

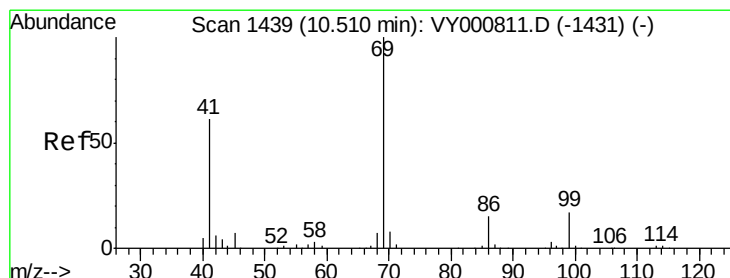
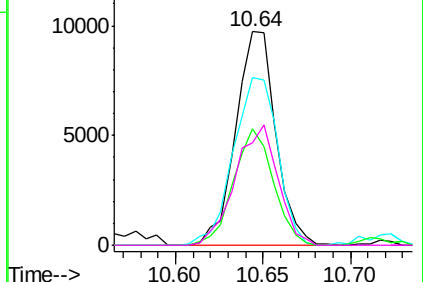
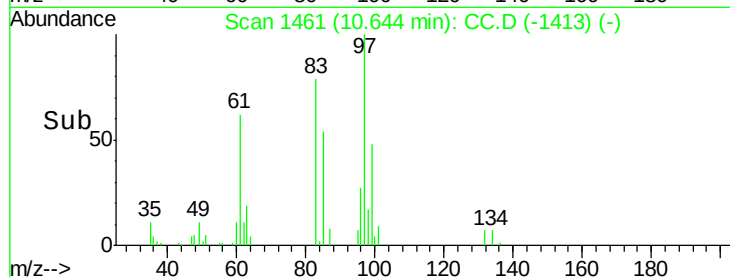
83 77.9 67.5 101.3

85 54.3 44.5 66.7

99 48.2 47.7 71.5



Abundance Ion 96.90 (96.60 to 97.60): CC.
Ion 82.90 (82.60 to 83.60): CC.
Ion 84.90 (84.60 to 85.60): CC.
Ion 98.90 (98.60 to 99.60): CC.



#56

Ethyl methacrylate

Concen: 4.221 ug/l

RT: 10.52 min Scan# 1440

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

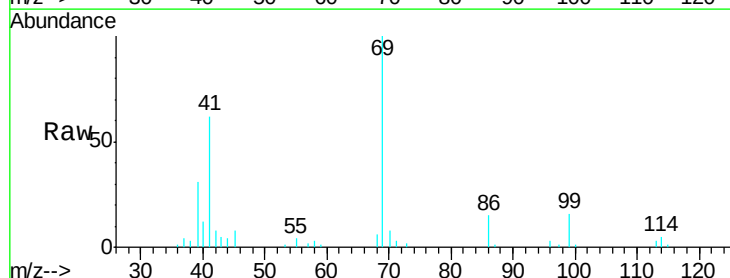
Tgt Ion: 69 Resp: 18591

Ion Ratio Lower Upper

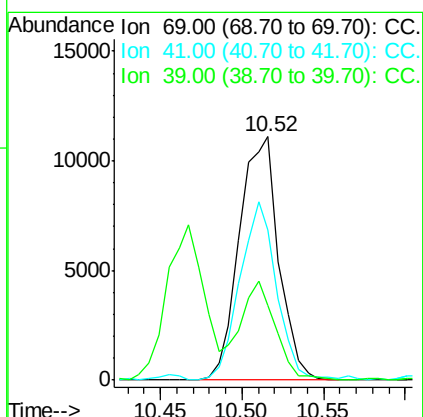
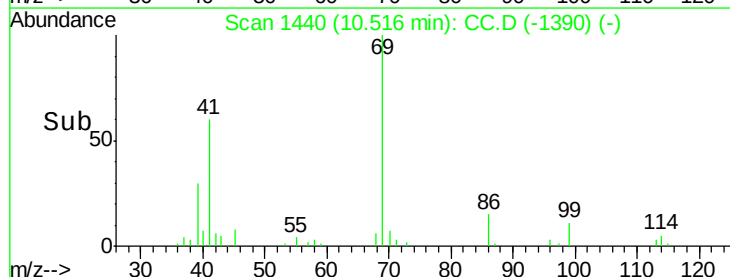
69 100

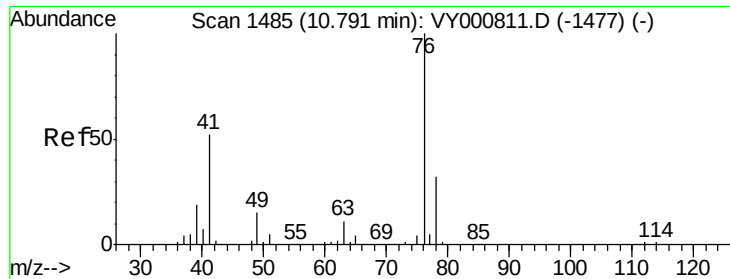
41 68.7 49.0 73.6

39 37.6 23.1 34.7#



Abundance Ion 69.00 (68.70 to 69.70): CC.
Ion 41.00 (40.70 to 41.70): CC.
Ion 39.00 (38.70 to 39.70): CC.

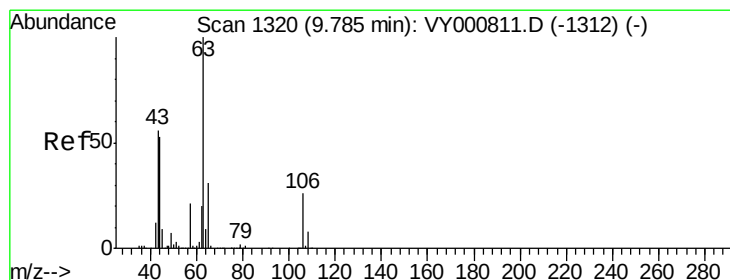
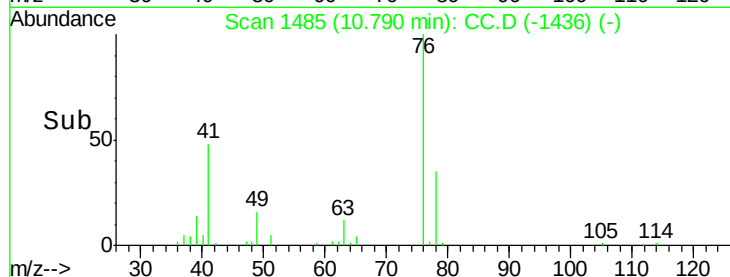
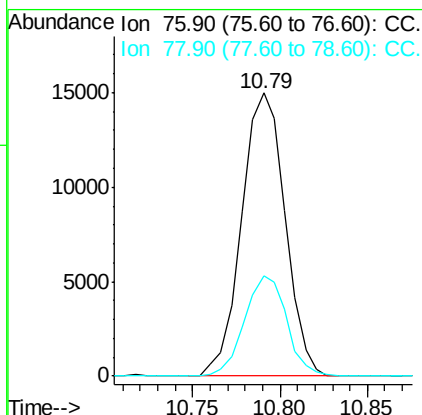
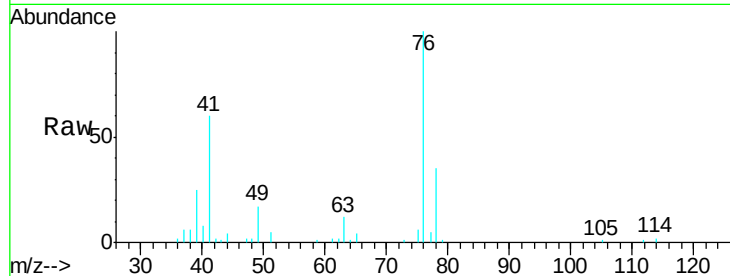




#57
 1,3-Dichloropropane
 Concen: 4.824 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

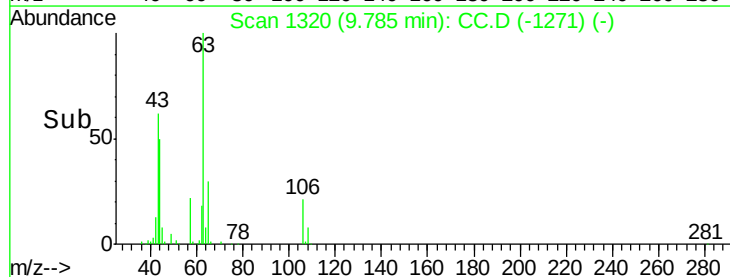
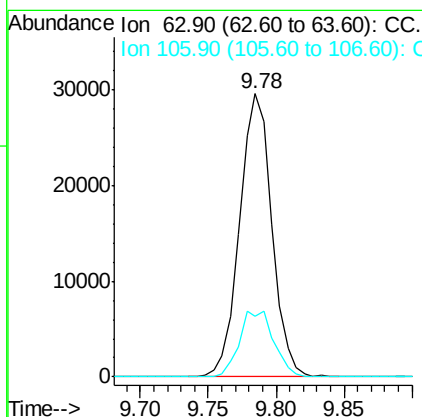
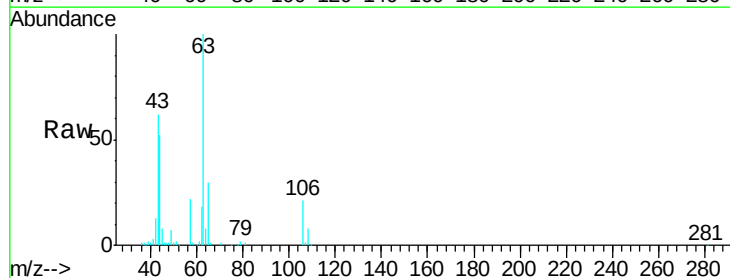
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

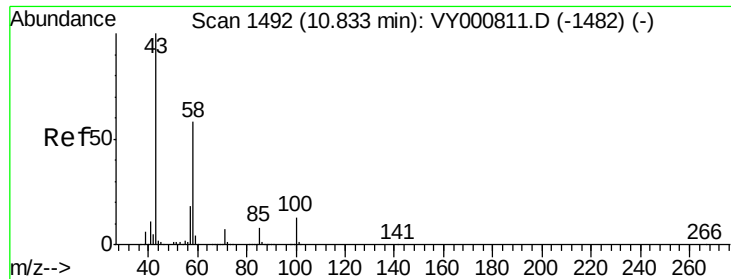
Tgt Ion: 76 Resp: 26065
 Ion Ratio Lower Upper
 76 100
 78 34.3 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.613 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

Tgt Ion: 63 Resp: 48926
 Ion Ratio Lower Upper
 63 100
 106 25.0 21.5 32.3

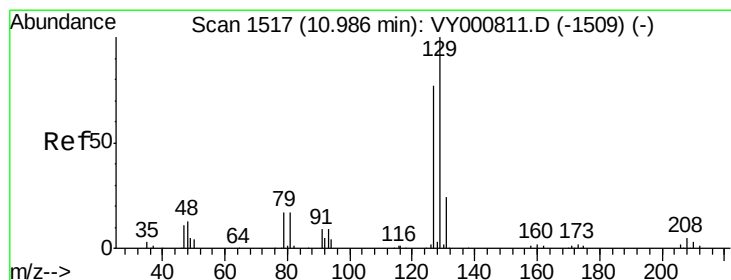
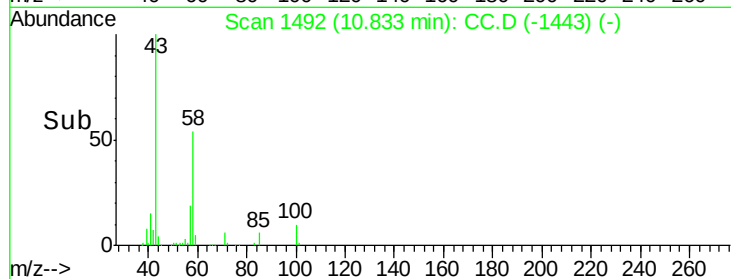
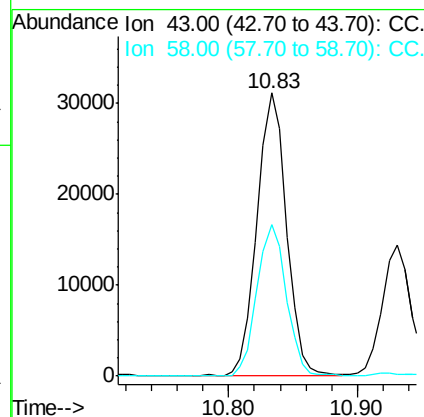
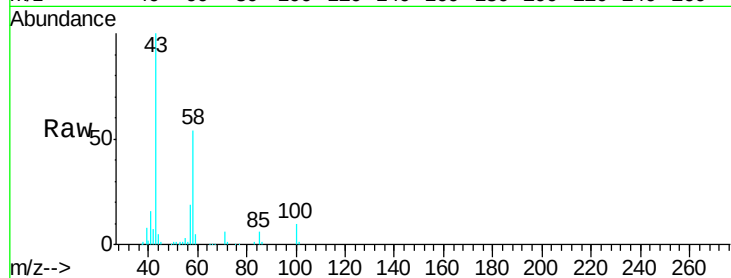




#59
2-Hexanone
Concen: 21.070 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

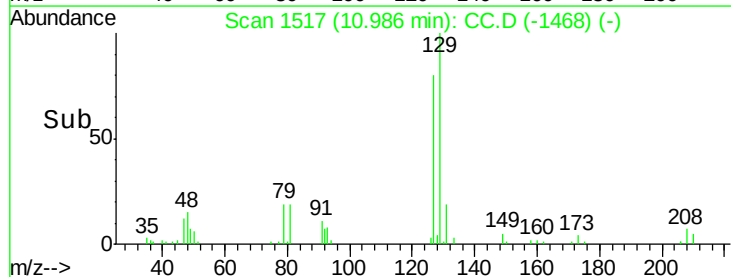
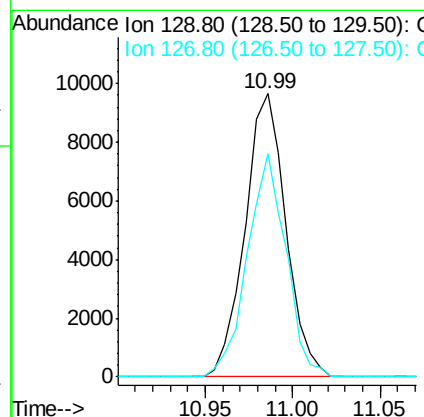
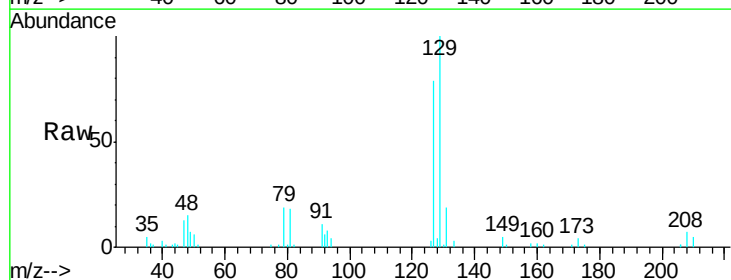
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

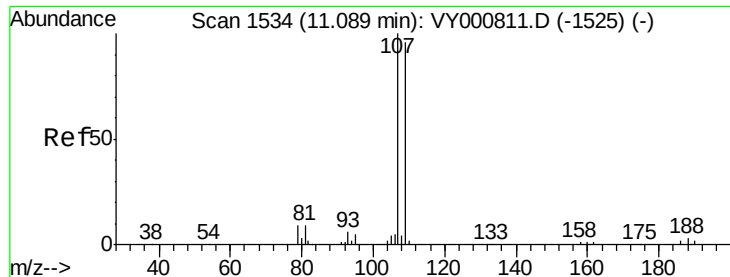
Tgt Ion: 43 Resp: 49240
Ion Ratio Lower Upper
43 100
58 53.2 29.0 87.1



#60
Dibromochloromethane
Concen: 4.465 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion: 129 Resp: 15639
Ion Ratio Lower Upper
129 100
127 74.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 4.810 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

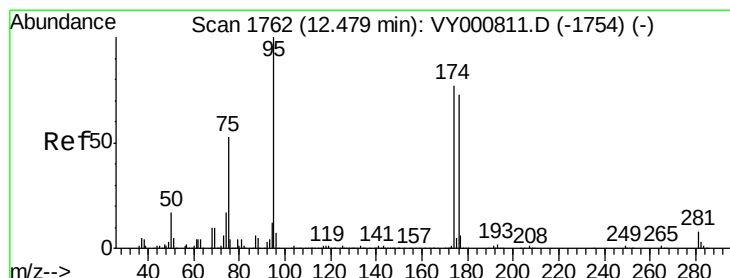
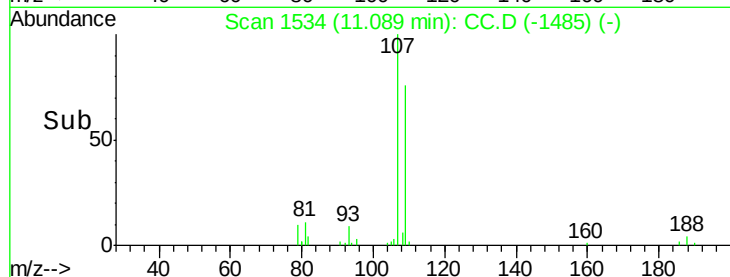
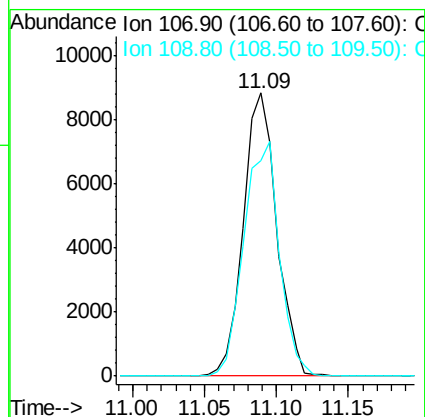
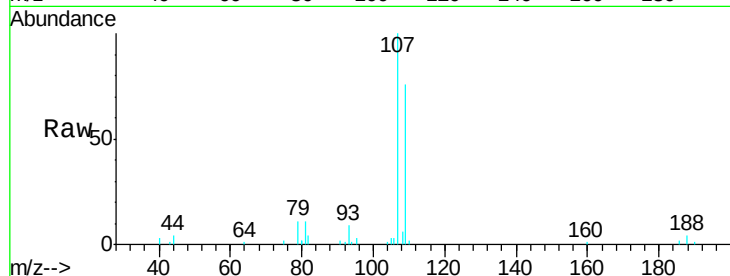
VSTDIC005

Tgt Ion: 107 Resp: 14252

Ion Ratio Lower Upper

107 100

109 87.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 6.086 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

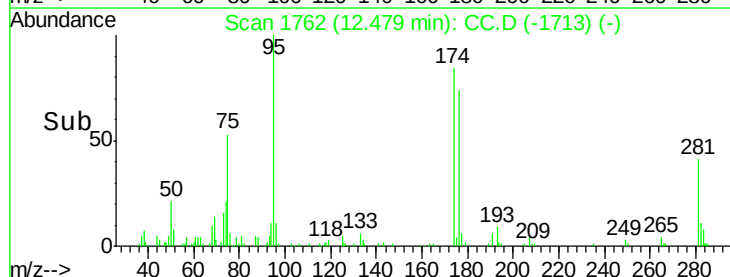
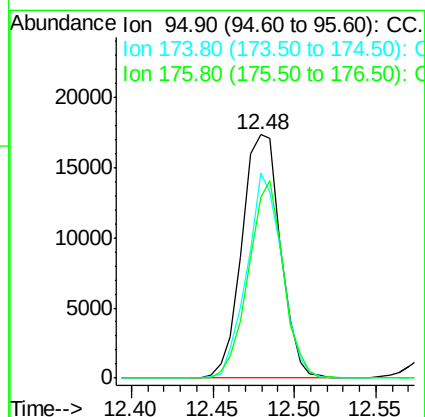
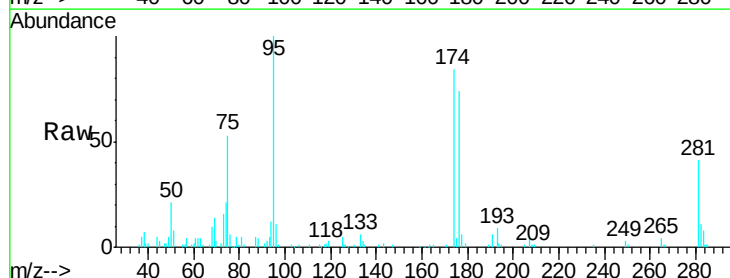
Tgt Ion: 95 Resp: 28645

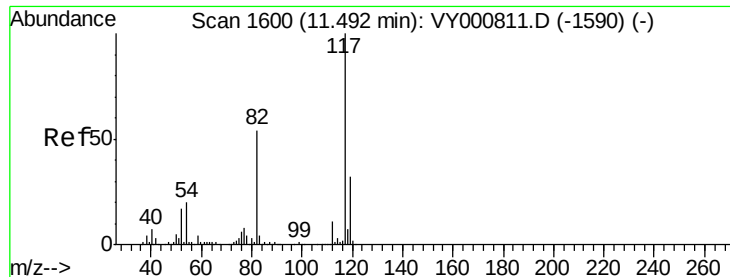
Ion Ratio Lower Upper

95 100

174 76.6 0.0 150.6

176 73.2 0.0 145.2

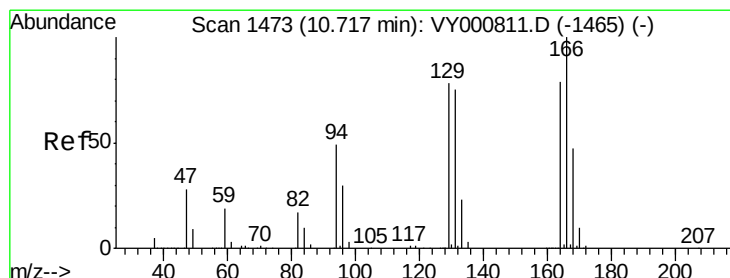
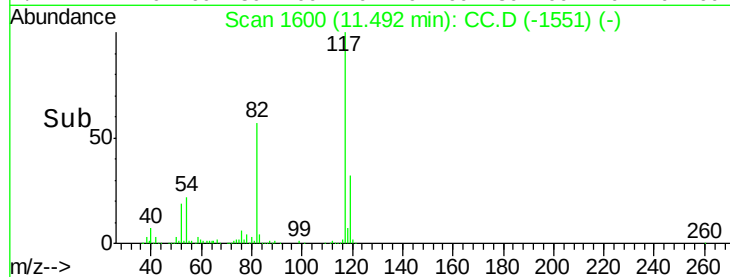
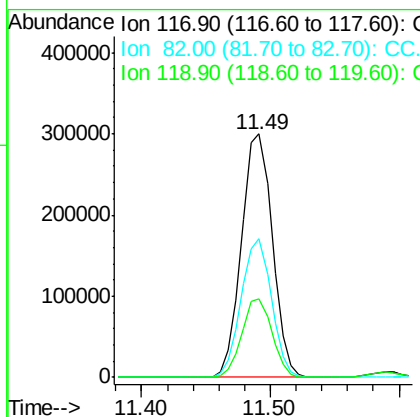
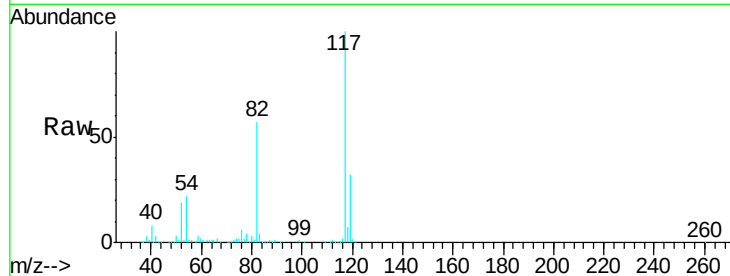




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

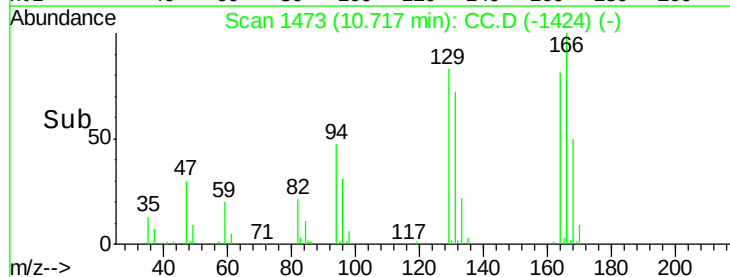
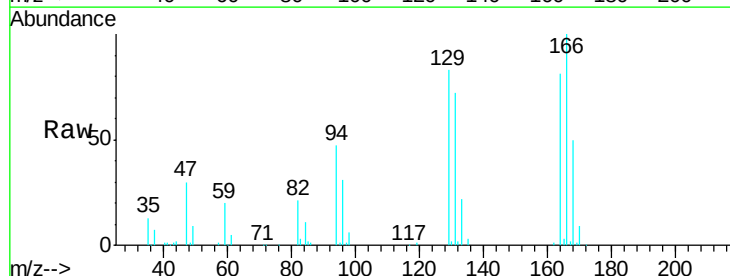
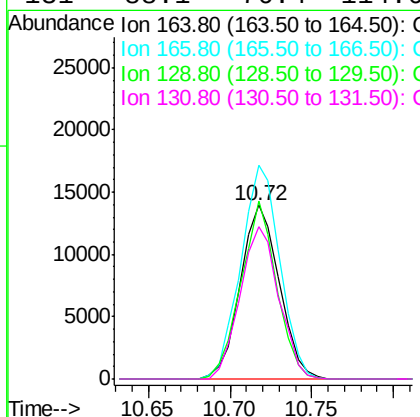
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

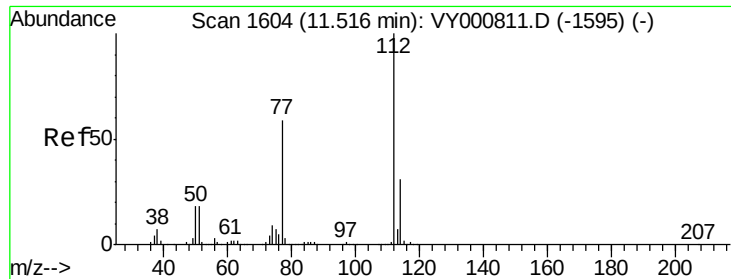
Tgt Ion:117 Resp: 496713
Ion Ratio Lower Upper
117 100
82 56.9 43.1 64.7
119 32.4 25.3 37.9



#64
Tetrachloroethene
Concen: 5.580 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion:164 Resp: 23178
Ion Ratio Lower Upper
164 100
166 123.0 101.8 152.8
129 102.3 79.3 118.9
131 88.1 76.4 114.6

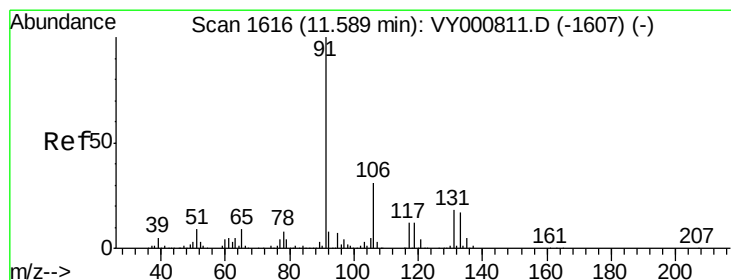
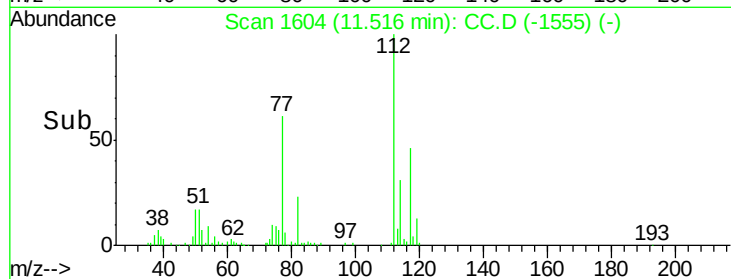
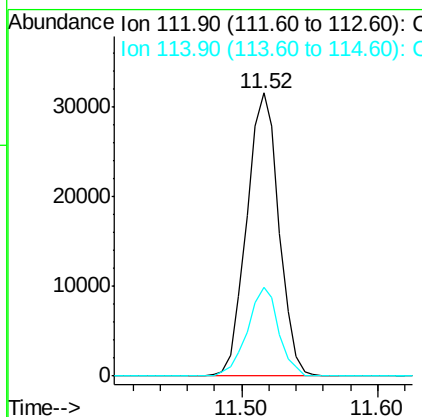
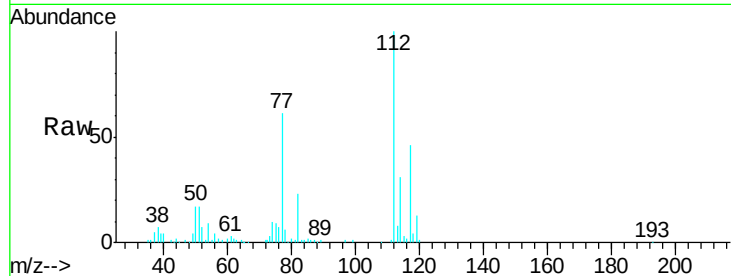




#65
Chlorobenzene
Concen: 5.142 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

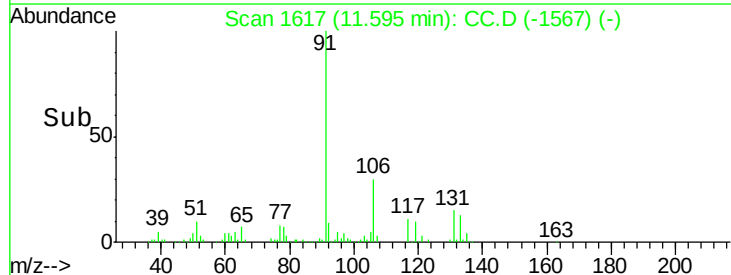
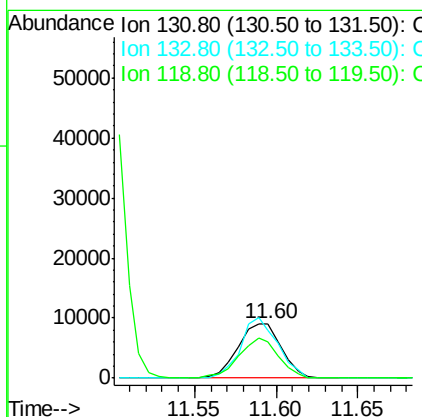
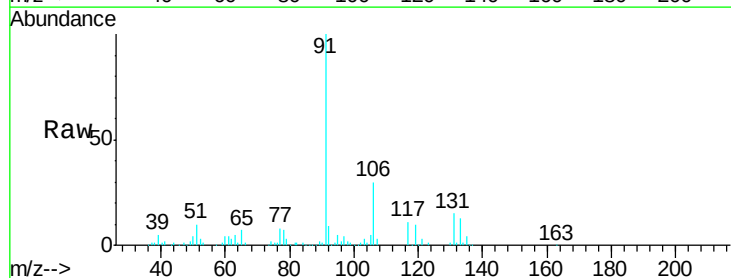
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

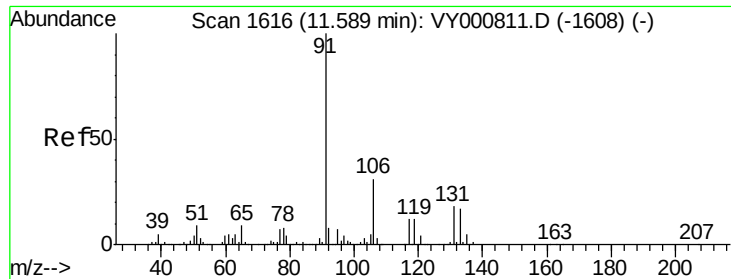
Tgt Ion:112 Resp: 52405
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.766 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion:131 Resp: 16709
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 67.9 33.8 101.3

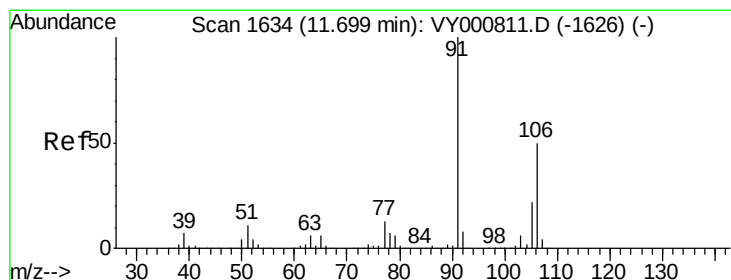
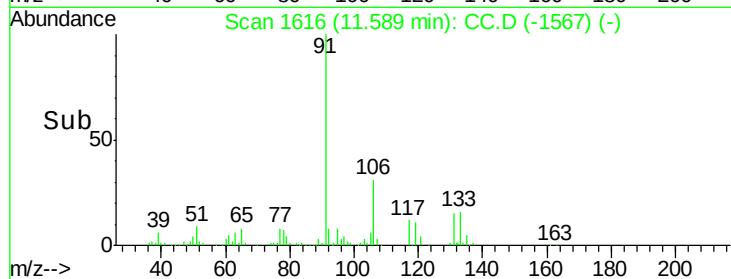
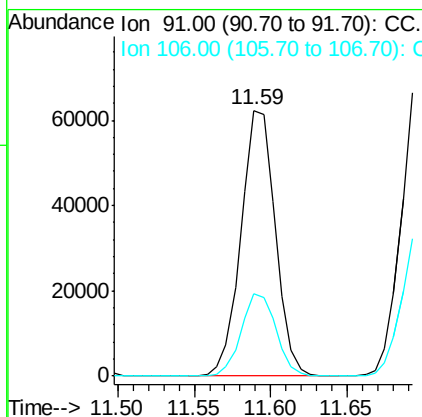
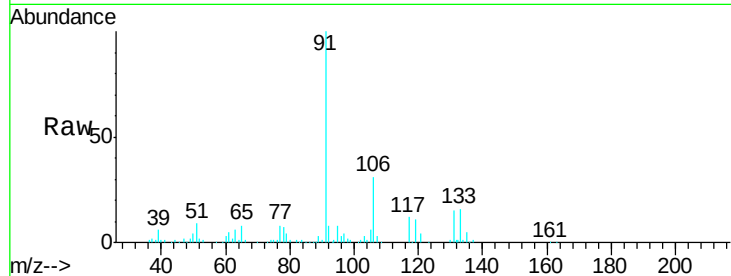




#67
Ethyl Benzene
Concen: 5.193 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

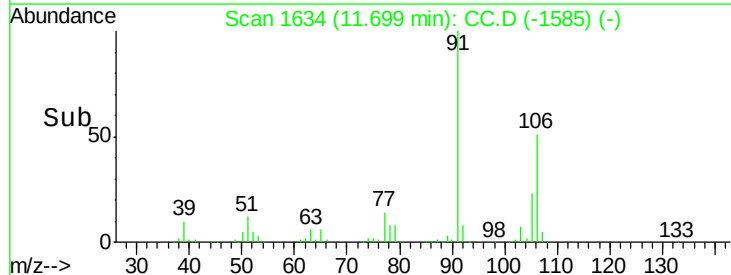
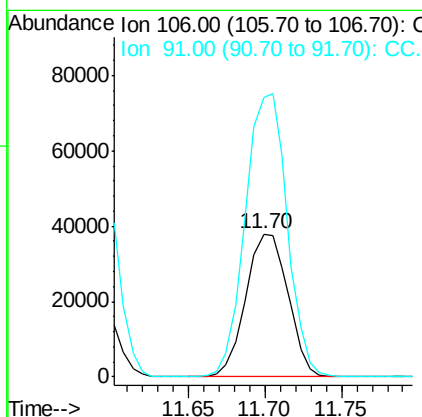
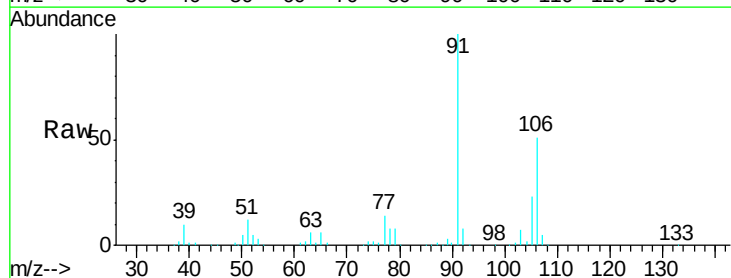
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

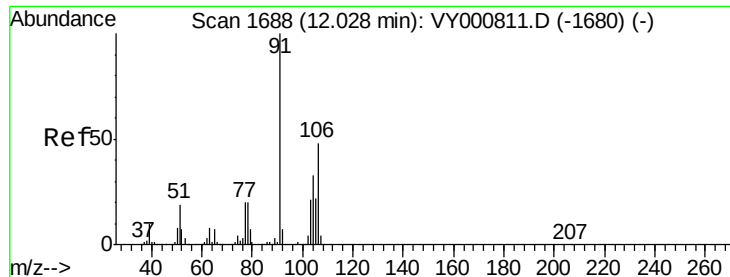
Tgt Ion: 91 Resp: 97146
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6



#68
m/p-Xylenes
Concen: 10.111 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion: 106 Resp: 72691
Ion Ratio Lower Upper
106 100
91 197.2 159.6 239.4

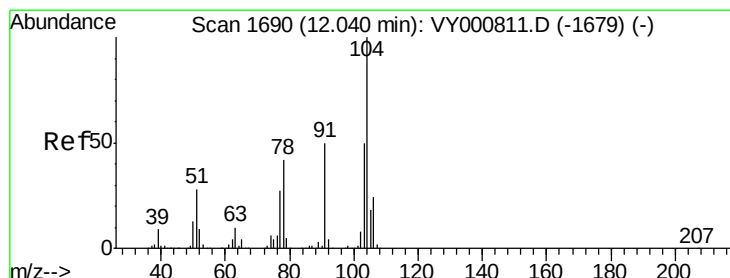
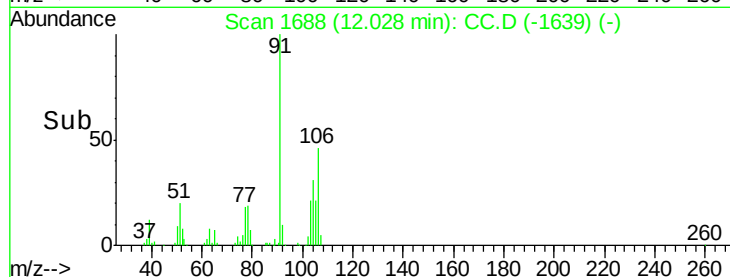
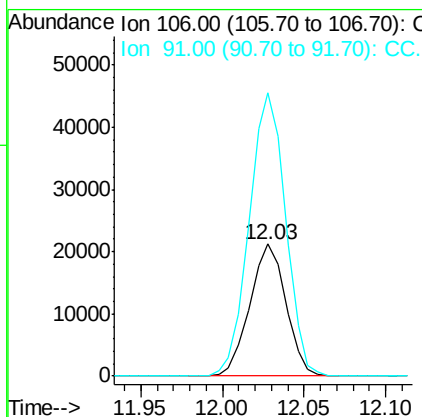
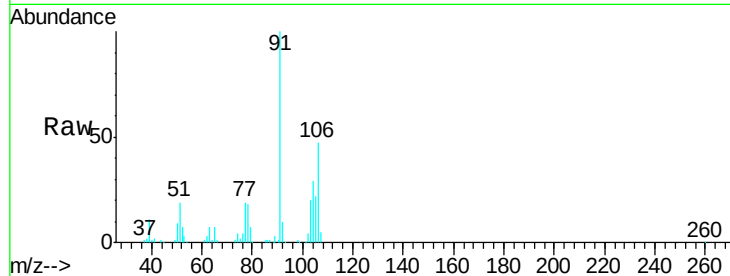




#69
o-Xylene
Concen: 4.833 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

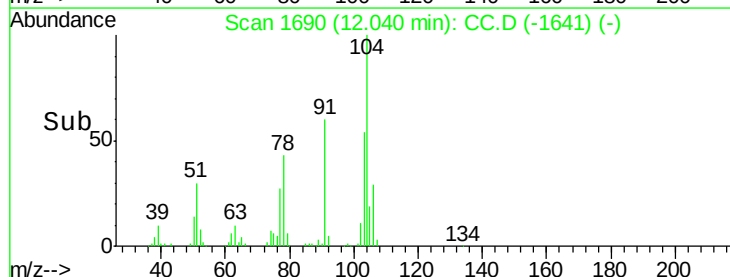
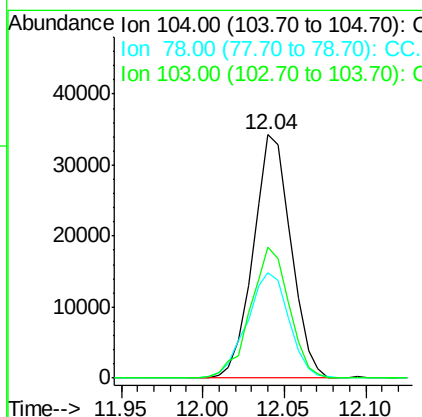
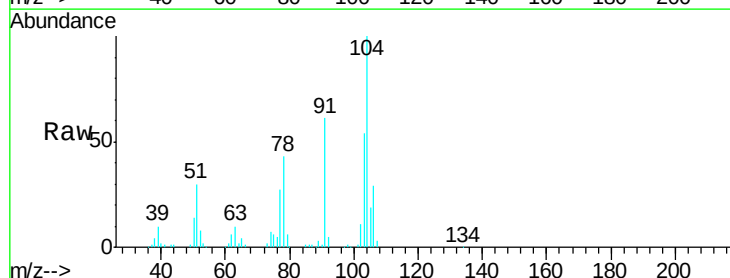
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

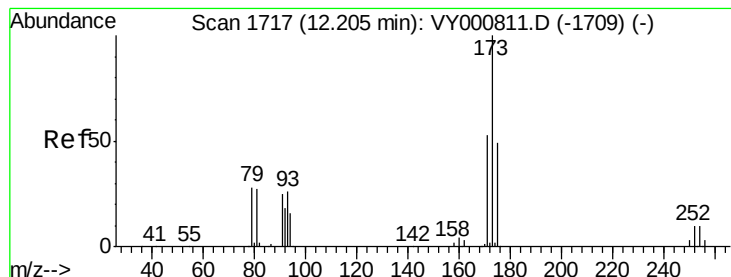
Tgt Ion:106 Resp: 32810
Ion Ratio Lower Upper
106 100
91 215.7 106.1 318.1



#70
Styrene
Concen: 4.742 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion:104 Resp: 55013
Ion Ratio Lower Upper
104 100
78 48.1 38.2 57.4
103 55.1 43.4 65.0





#71

Bromoform

Concen: 4.340 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

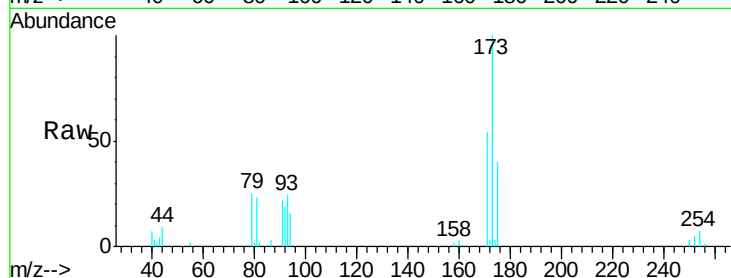
Tgt Ion:173 Resp: 8763

Ion Ratio Lower Upper

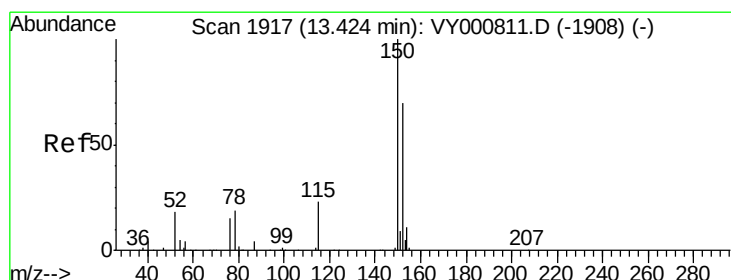
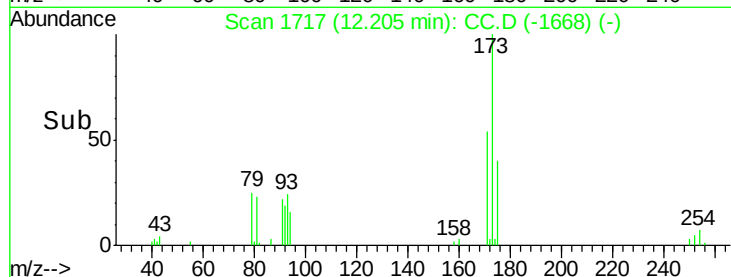
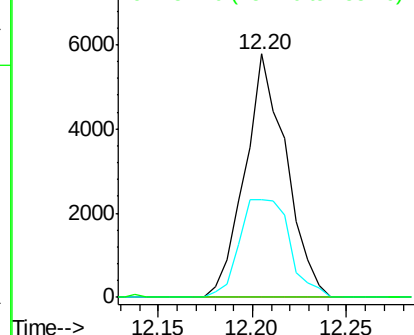
173 100

175 48.9 24.5 73.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

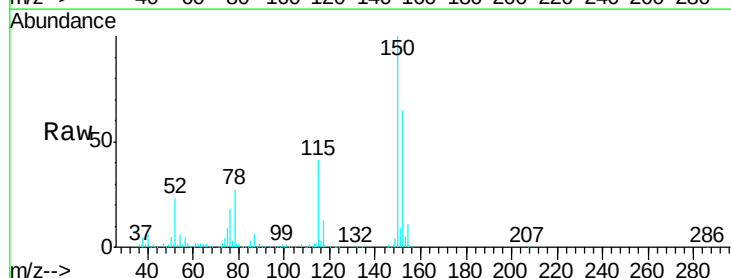
Tgt Ion:152 Resp: 227240

Ion Ratio Lower Upper

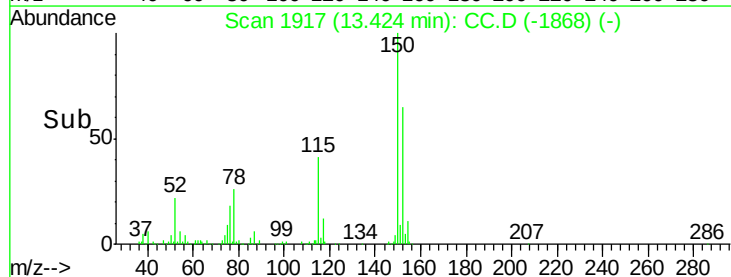
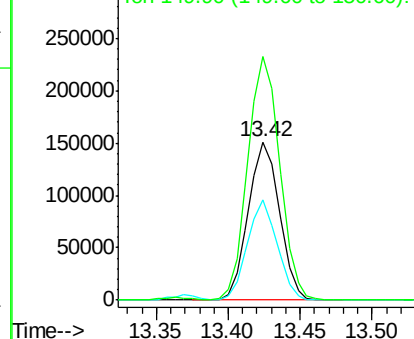
152 100

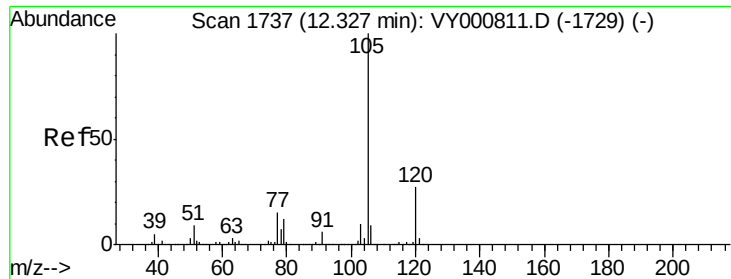
115 60.7 29.3 87.8

150 157.4 0.0 351.2



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





#73

Isopropylbenzene

Concen: 5.212 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

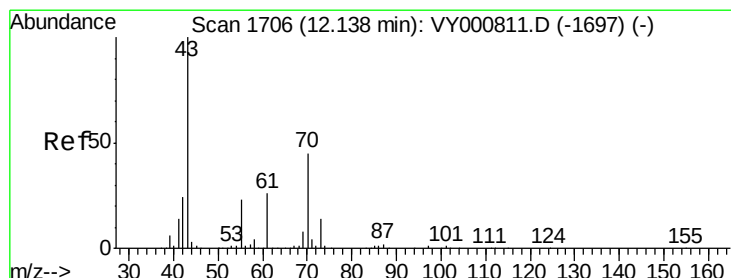
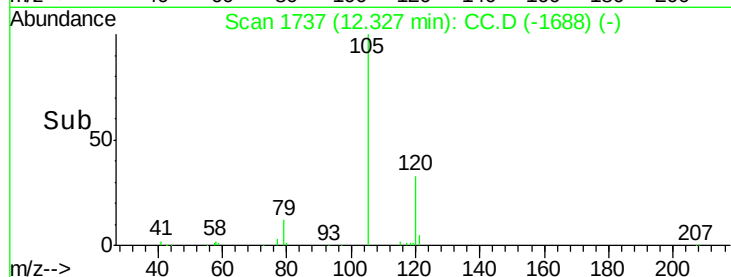
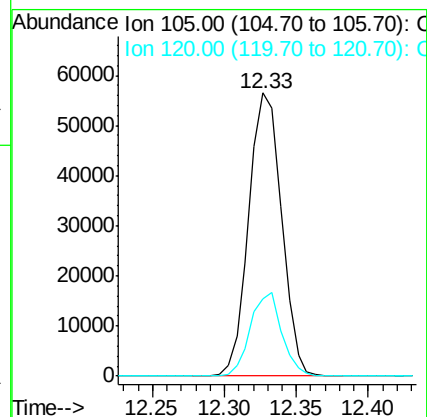
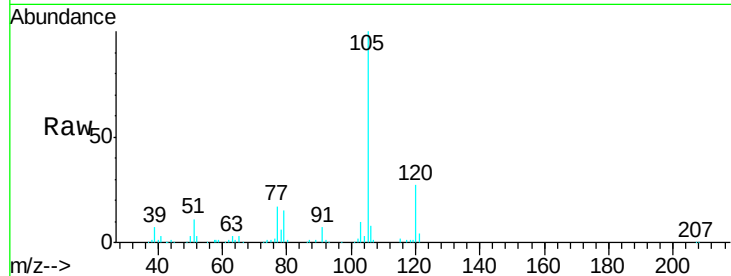
VSTDIC005

Tgt Ion: 105 Resp: 89205

Ion Ratio Lower Upper

105 100

120 28.0 13.4 40.2



#74

N-ethyl acetate

Concen: 4.649 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Tgt Ion: 43 Resp: 22797

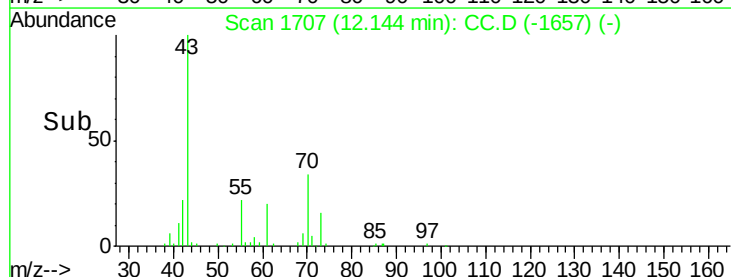
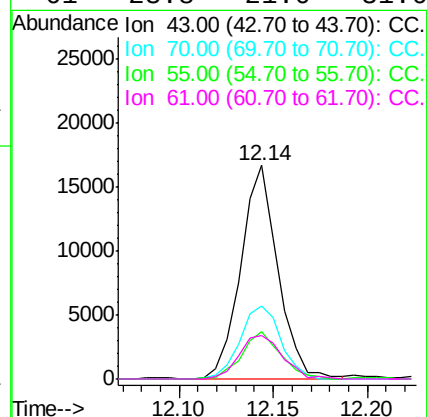
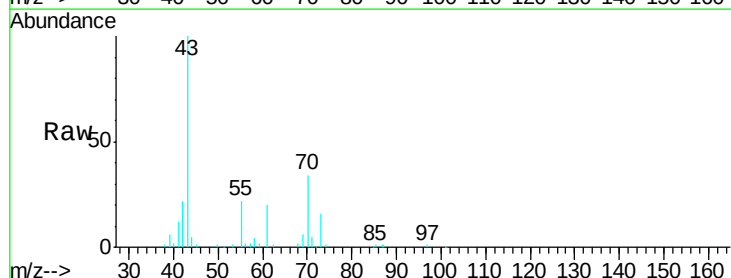
Ion Ratio Lower Upper

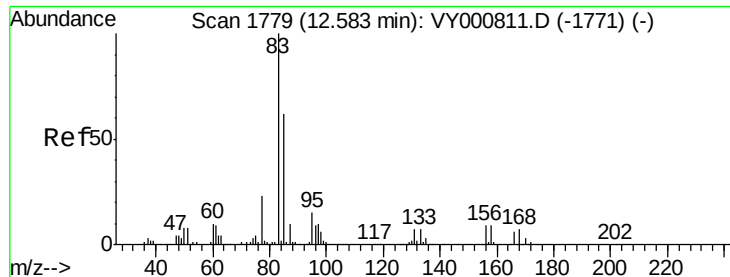
43 100

70 37.4 36.6 54.8

55 23.4 18.8 28.2

61 23.8 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 4.650 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

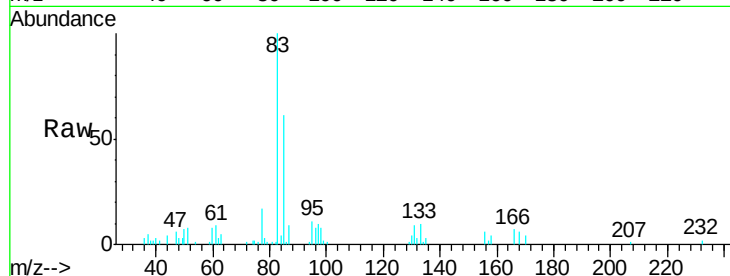
Tgt Ion: 83 Resp: 15944

Ion Ratio Lower Upper

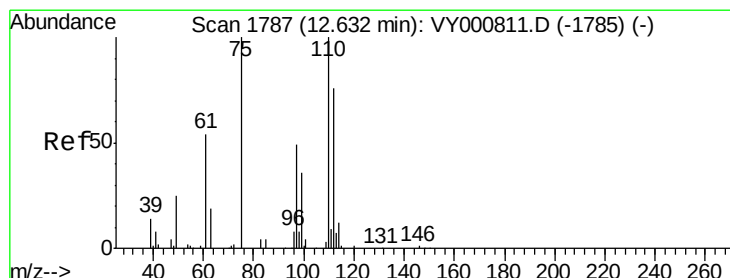
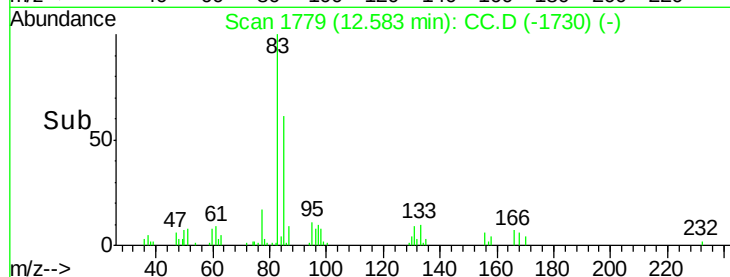
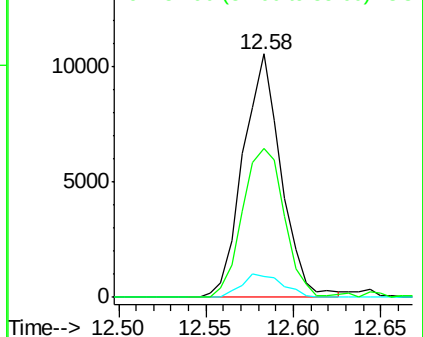
83 100

131 10.1 4.3 13.1

85 67.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): CC.
Ion 130.80 (130.50 to 131.50): CC.
Ion 84.90 (84.60 to 85.60): CC.



#76

1,2,3-Trichloropropane

Concen: 8.671 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: CC.D

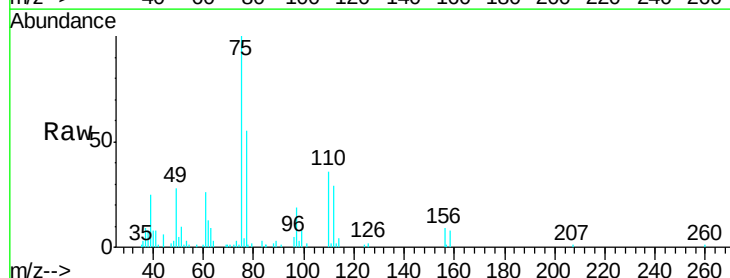
Acq: 27 Nov 2019 10:12

Tgt Ion: 75 Resp: 22136

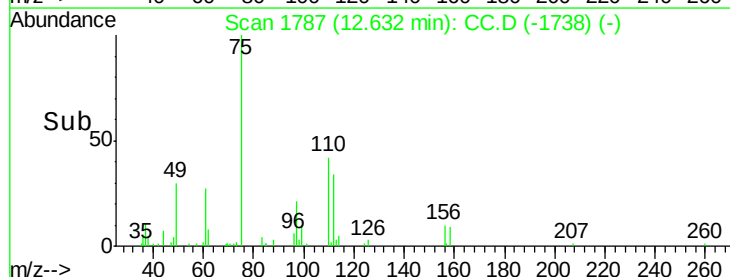
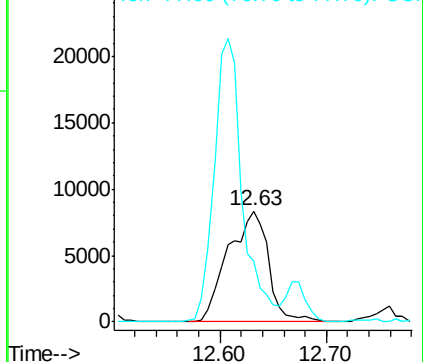
Ion Ratio Lower Upper

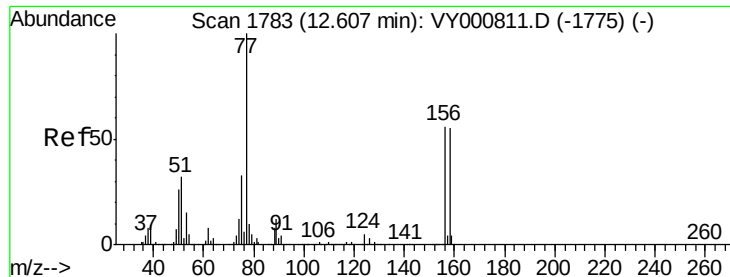
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): CC.
Ion 77.00 (76.70 to 77.70): CC.

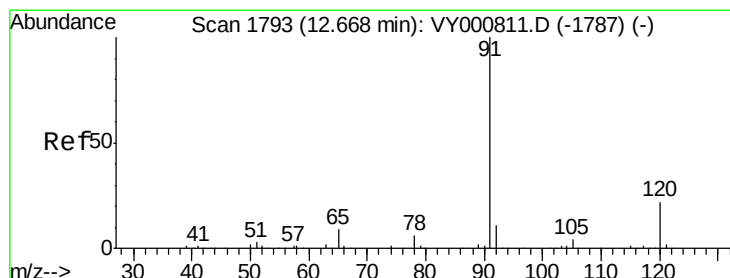
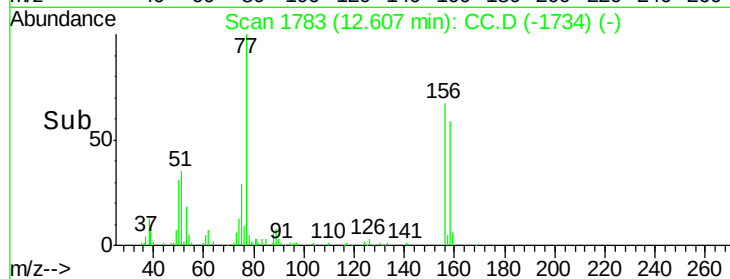
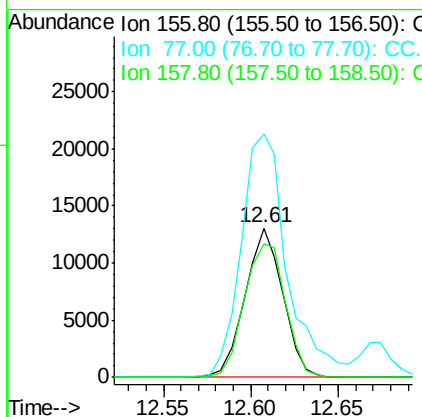
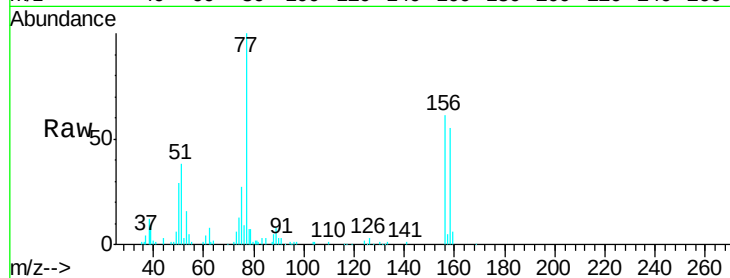




#77
Bromobenzene
Concen: 5.053 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

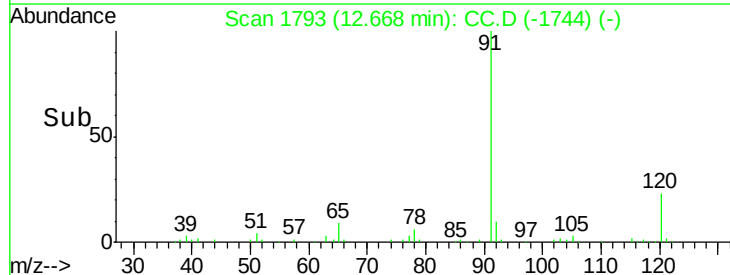
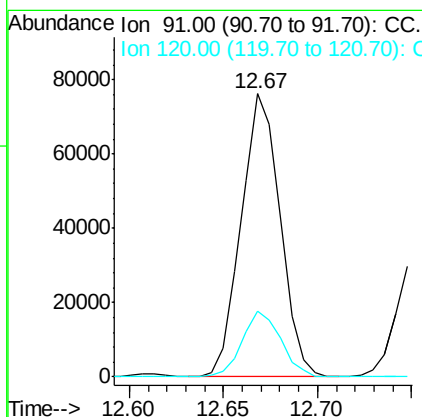
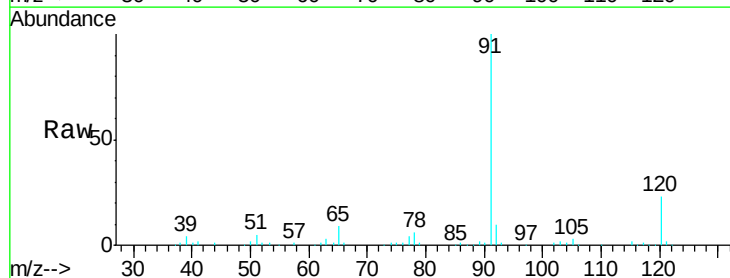
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

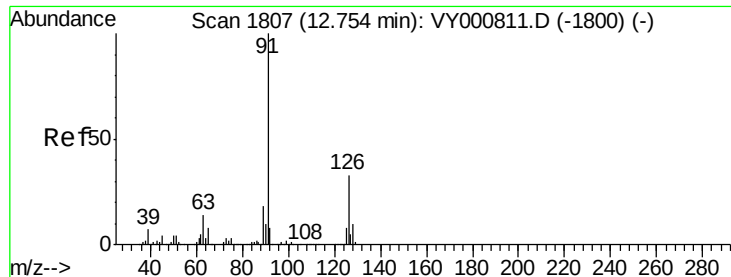
Tgt Ion:156 Resp: 19554
Ion Ratio Lower Upper
156 100
77 201.1 102.6 307.7
158 97.5 47.6 142.8



#78
n-propylbenzene
Concen: 5.300 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion: 91 Resp: 109617
Ion Ratio Lower Upper
91 100
120 22.7 11.2 33.5





#79

2-Chlorotoluene

Concen: 5.534 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

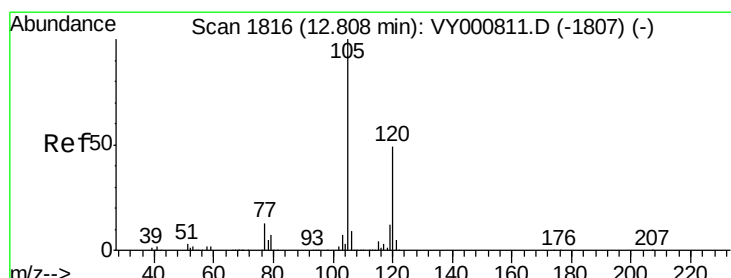
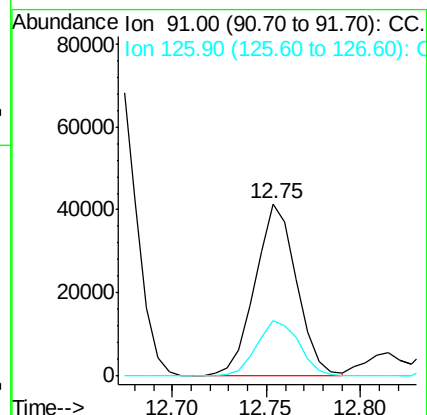
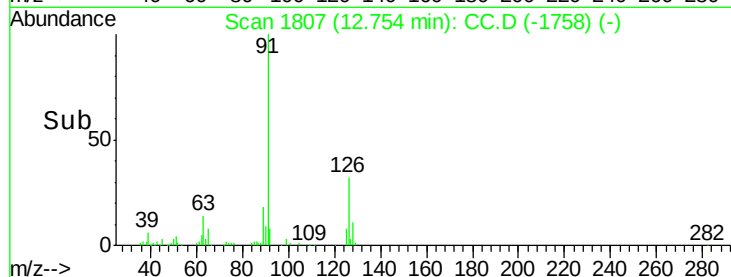
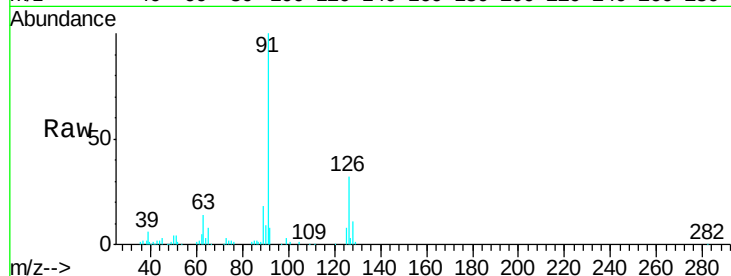
VSTDIC005

Tgt Ion: 91 Resp: 63517

Ion Ratio Lower Upper

91 100

126 33.0 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 5.310 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: CC.D

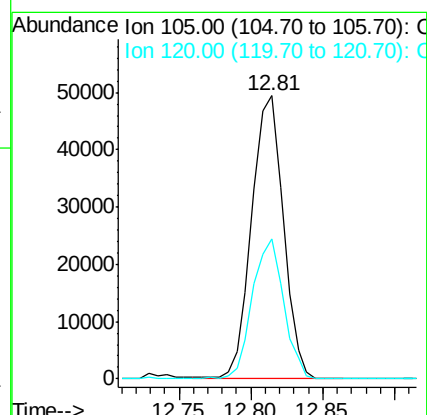
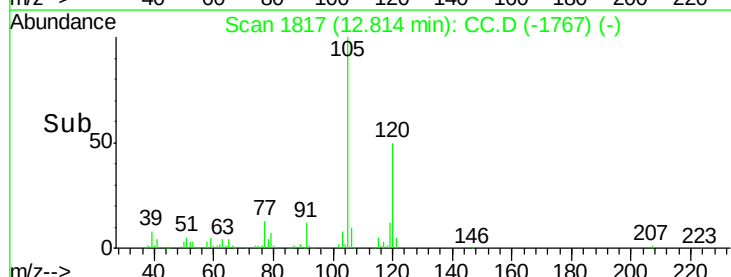
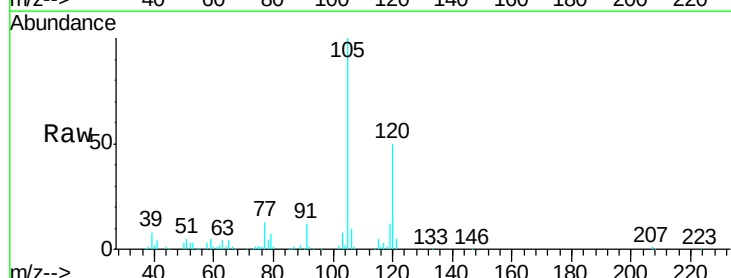
Acq: 27 Nov 2019 10:12

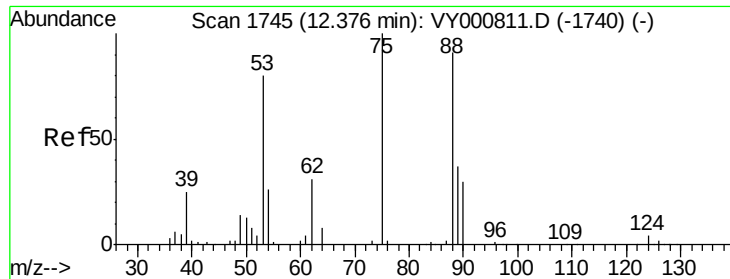
Tgt Ion: 105 Resp: 75460

Ion Ratio Lower Upper

105 100

120 48.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 4.434 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC005

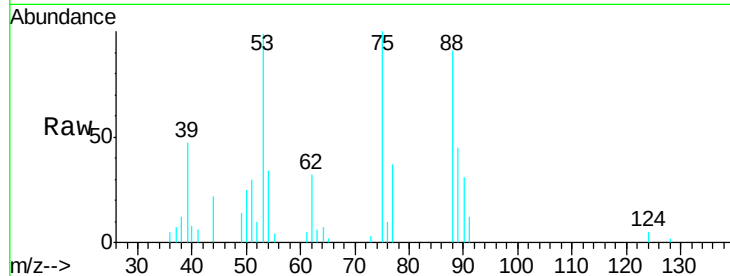
Tgt Ion: 75 Resp: 5350

Ion Ratio Lower Upper

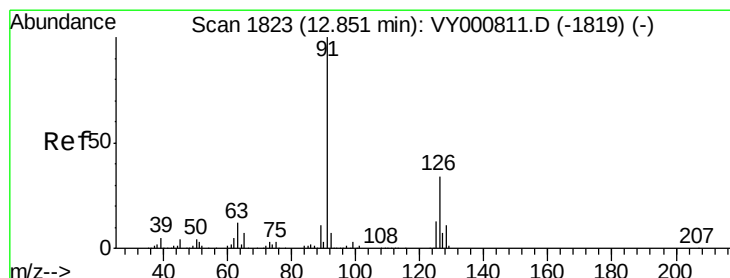
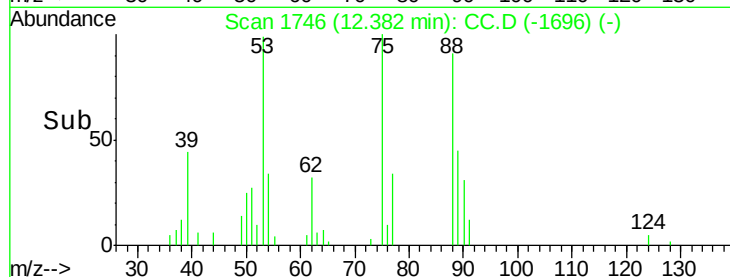
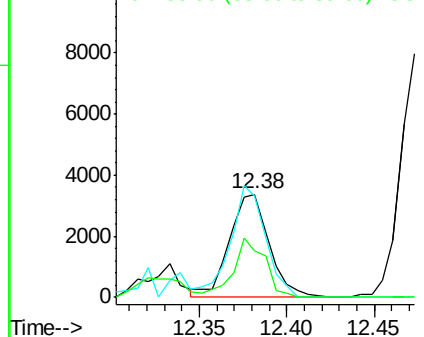
75 100

53 96.4 64.6 96.8

89 45.6 33.6 50.4



Abundance Ion 74.90 (74.60 to 75.60): CC.
Ion 53.00 (52.70 to 53.70): CC.
Ion 88.90 (88.60 to 89.60): CC.



#82

4-Chlorotoluene

Concen: 5.430 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: CC.D

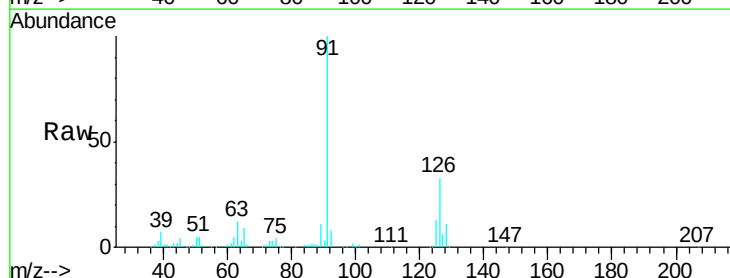
Acq: 27 Nov 2019 10:12

Tgt Ion: 91 Resp: 64331

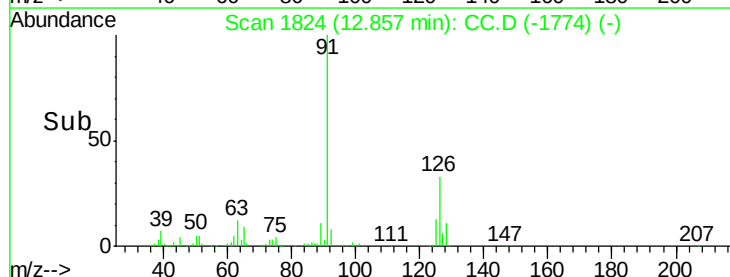
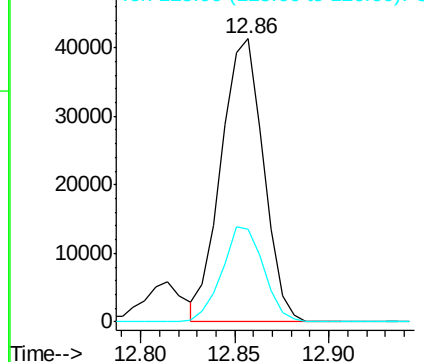
Ion Ratio Lower Upper

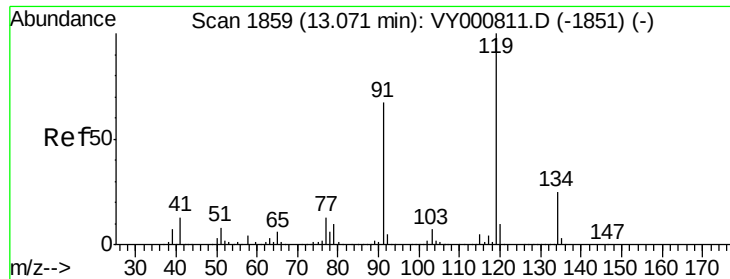
91 100

126 33.2 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): CC.
Ion 125.90 (125.60 to 126.60): C

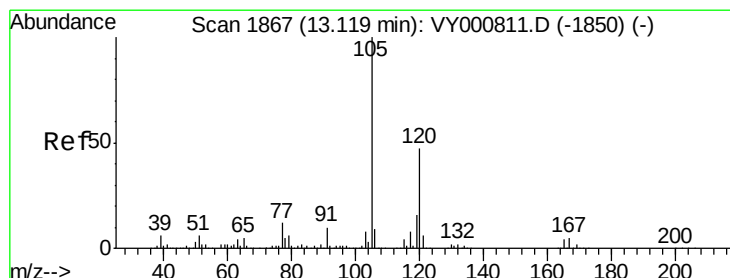
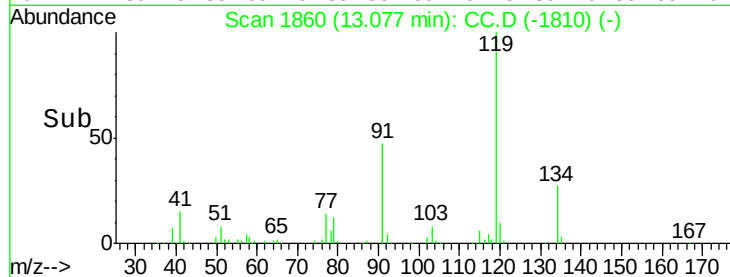
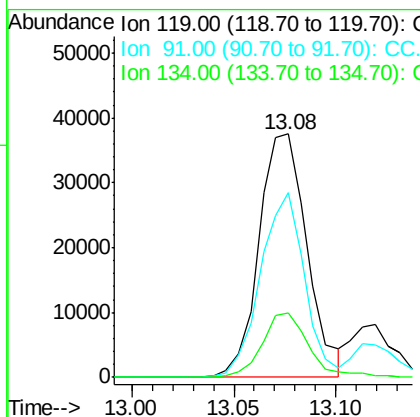
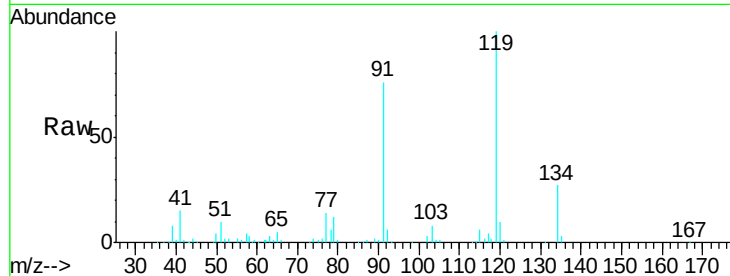




#83
 tert-Butylbenzene
 Concen: 5.098 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

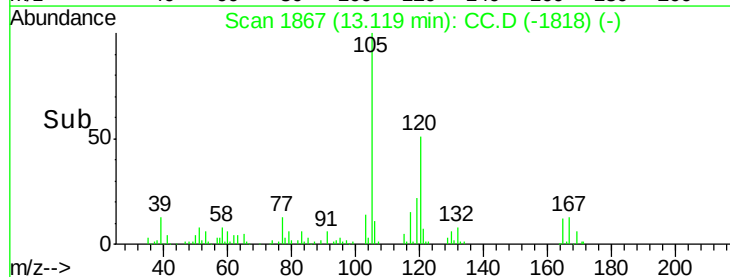
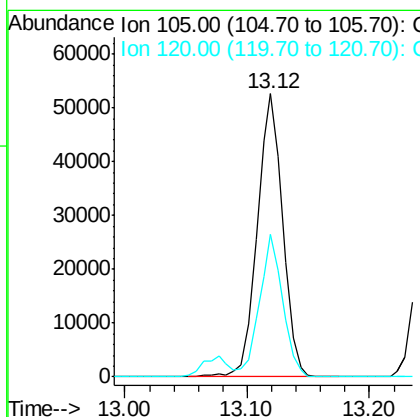
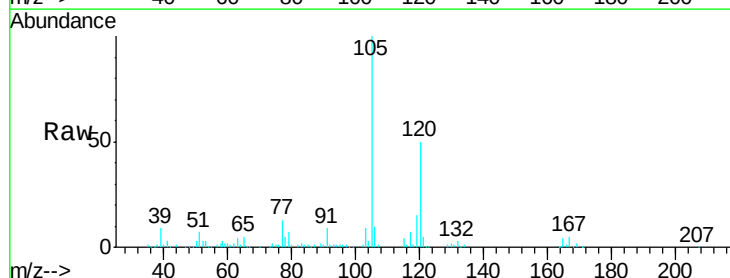
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

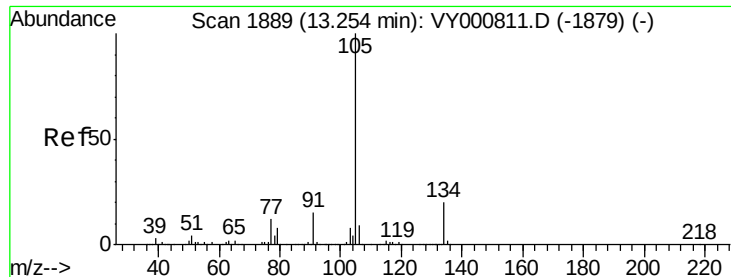
Tgt Ion:119 Resp: 61790
 Ion Ratio Lower Upper
 119 100
 91 69.0 32.3 96.8
 134 25.5 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 5.389 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

Tgt Ion:105 Resp: 76148
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.6 67.8





#85

sec-Butylbenzene

Concen: 5.274 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

Instrument :

MSVOA_Y

ClientSampleId :

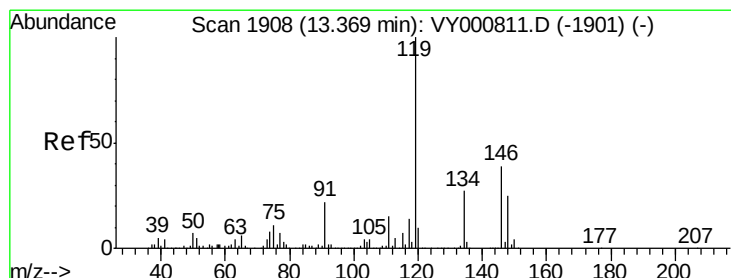
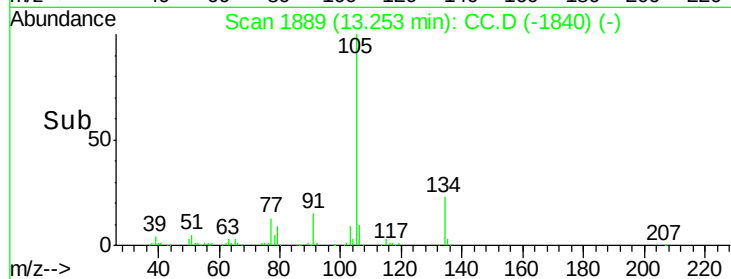
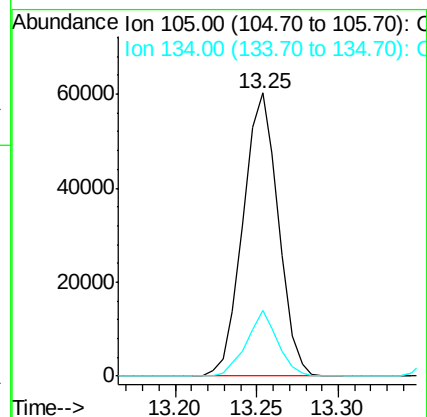
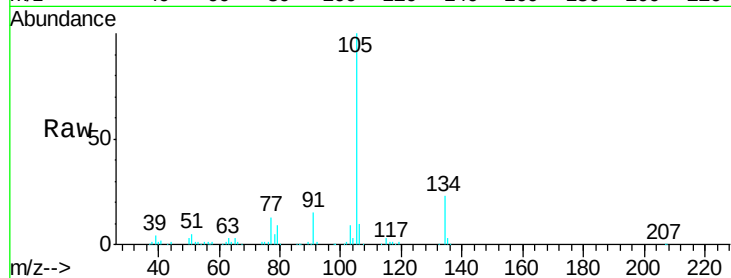
VSTDIC005

Tgt Ion:105 Resp: 90965

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 5.101 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: CC.D

Acq: 27 Nov 2019 10:12

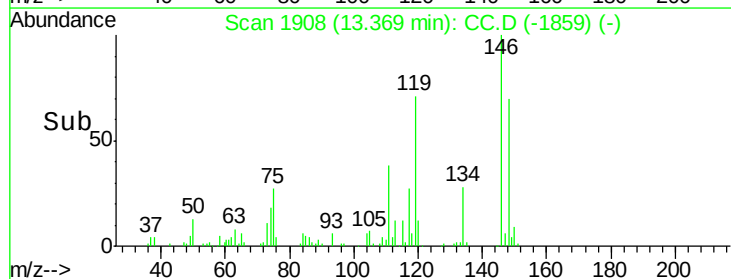
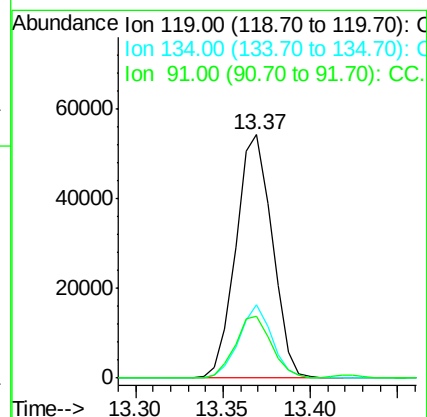
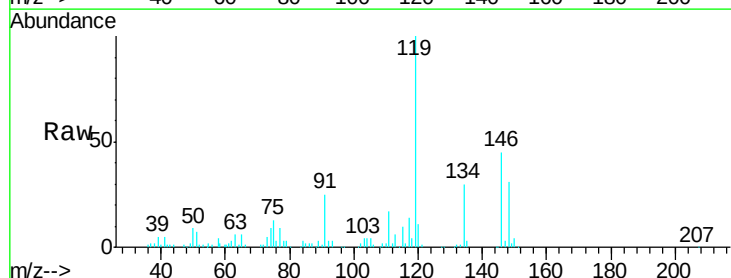
Tgt Ion:119 Resp: 78291

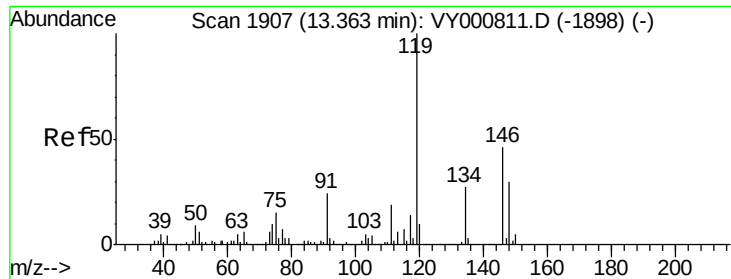
Ion Ratio Lower Upper

119 100

134 27.5 13.5 40.4

91 25.4 11.5 34.5

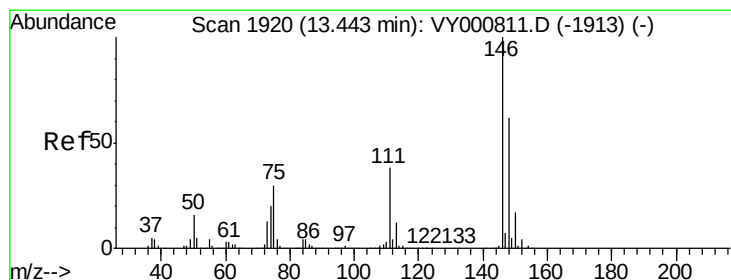
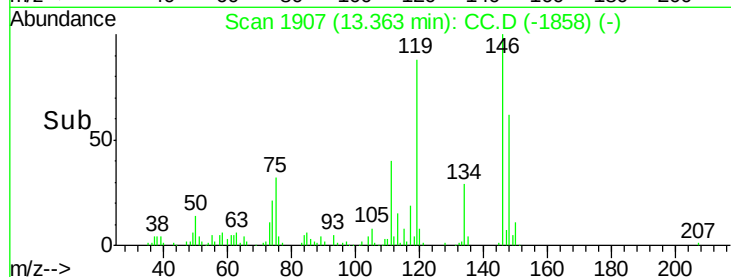
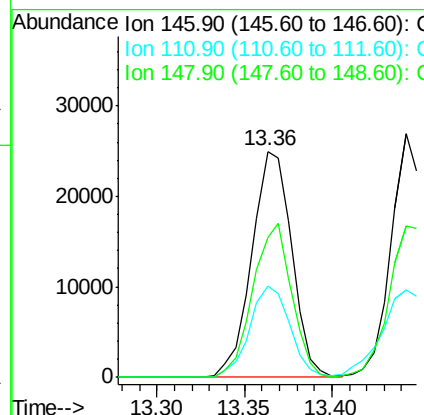
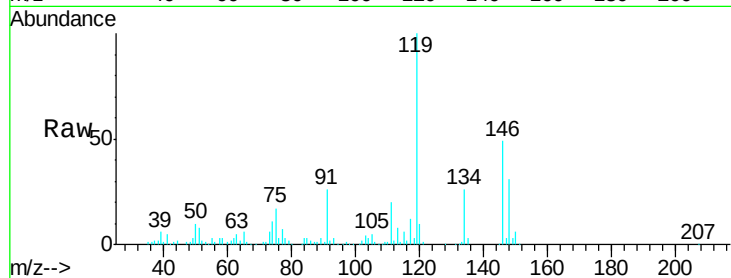




#87
 1,3-Dichlorobenzene
 Concen: 5.272 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

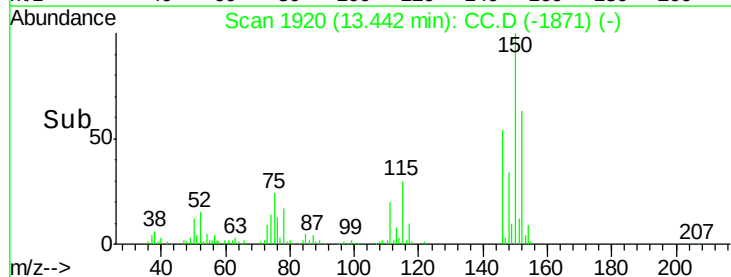
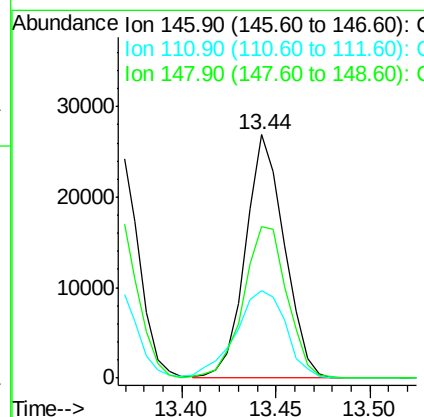
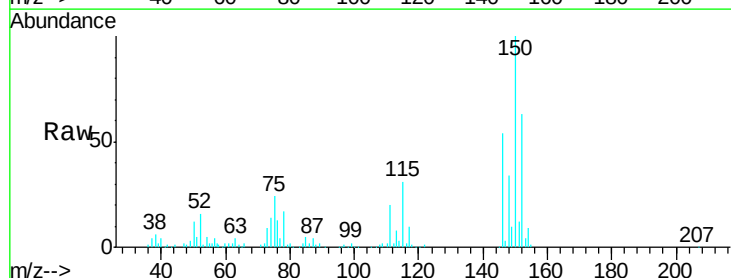
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

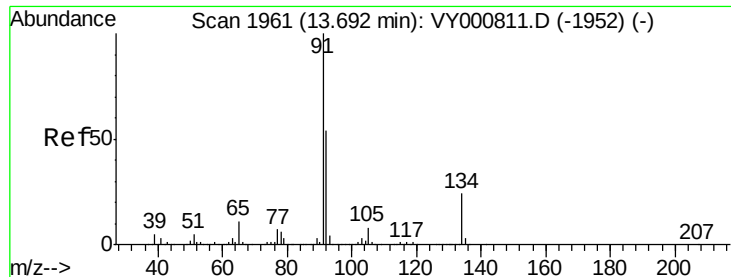
Tgt Ion:146 Resp: 39694
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 60.0
 148 65.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 5.108 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

Tgt Ion:146 Resp: 38465
 Ion Ratio Lower Upper
 146 100
 111 46.8 20.0 59.9
 148 70.3 31.7 95.1

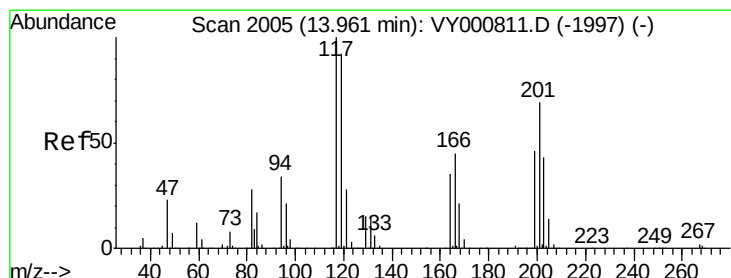
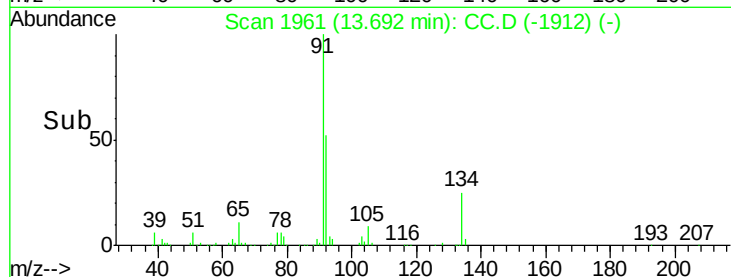
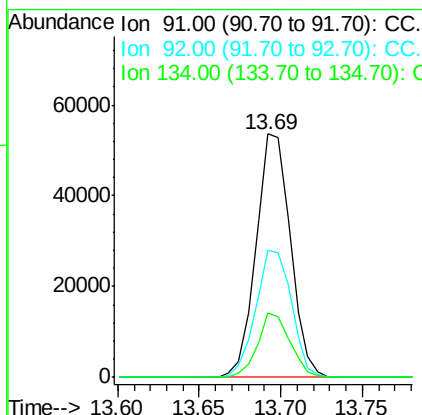
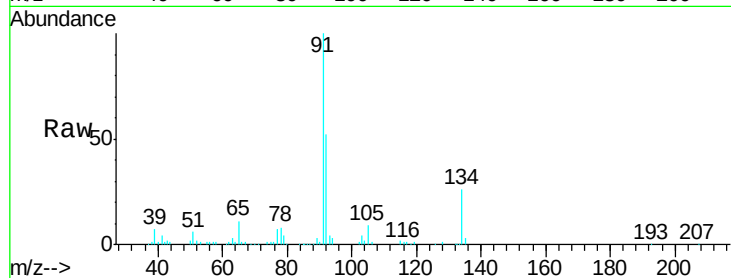




#89
n-Butylbenzene
Concen: 5.171 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

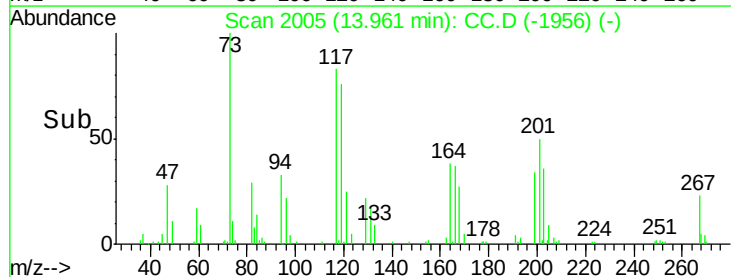
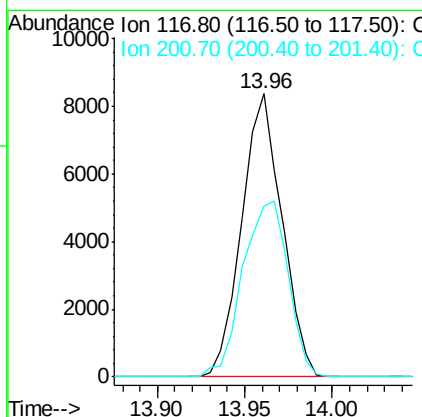
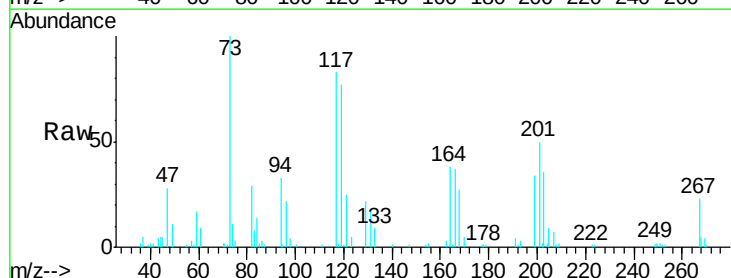
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

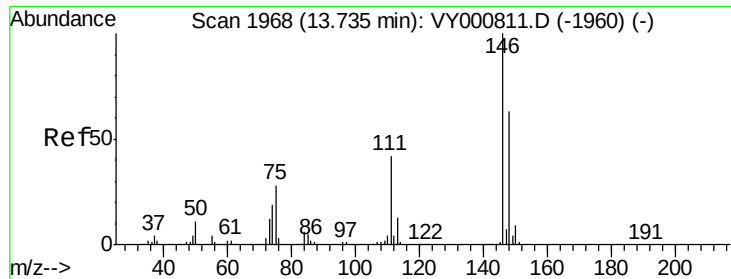
Tgt Ion: 91 Resp: 78560
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.7
134 25.2 12.6 37.6



#90
Hexachloroethane
Concen: 4.696 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion: 117 Resp: 13374
Ion Ratio Lower Upper
117 100
201 69.9 34.0 102.0

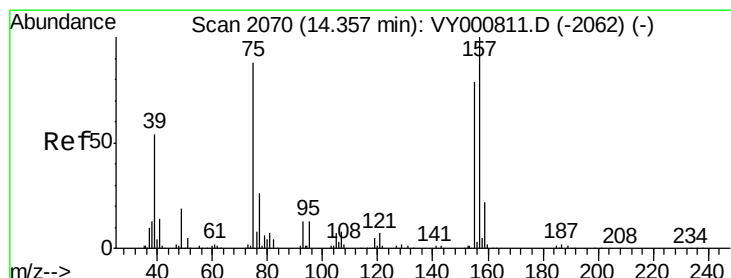
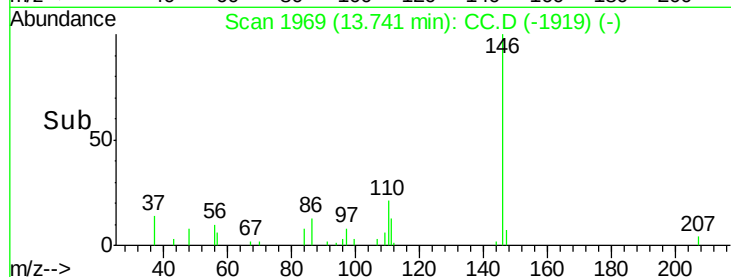
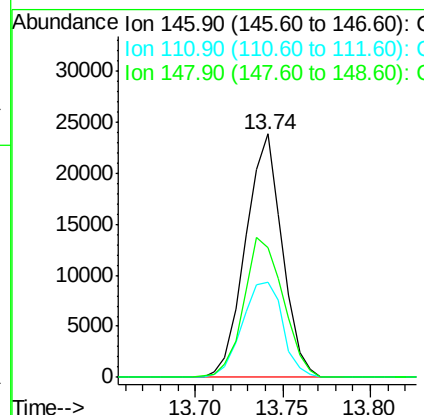
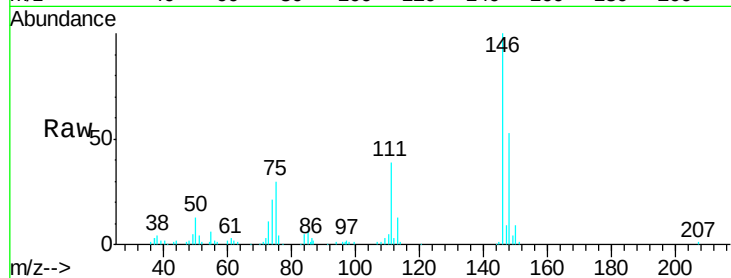




#91
 1,2-Dichlorobenzene
 Concen: 5.078 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

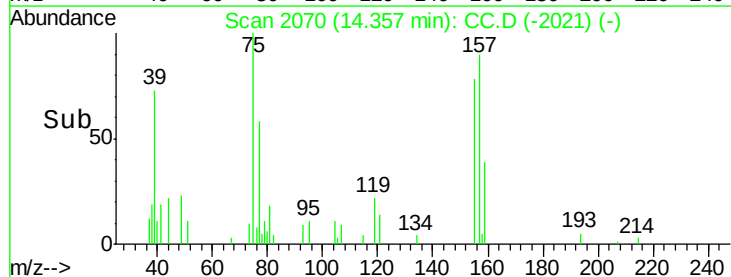
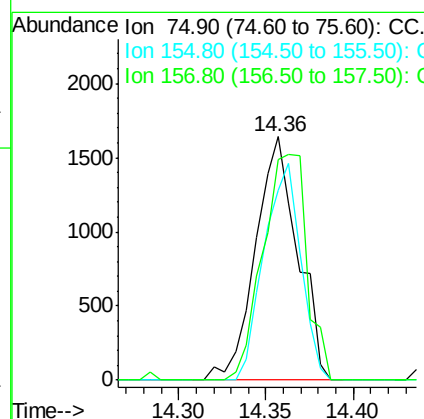
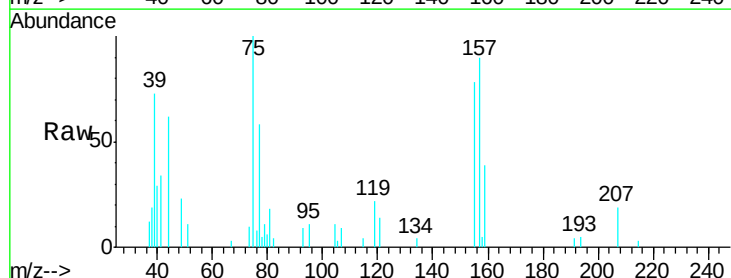
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

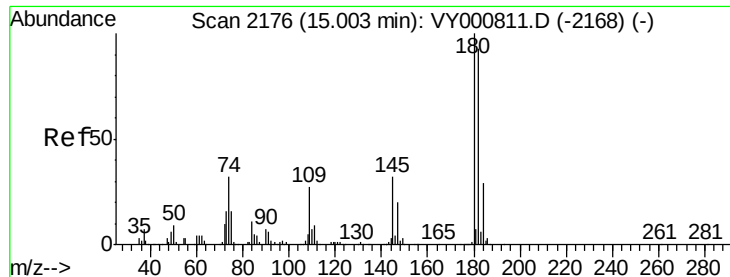
Tgt Ion: 146 Resp: 34715
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.9 62.7
 148 61.6 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.599 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

Tgt Ion: 75 Resp: 2764
 Ion Ratio Lower Upper
 75 100
 155 77.3 44.3 132.9
 157 96.1 56.3 168.9

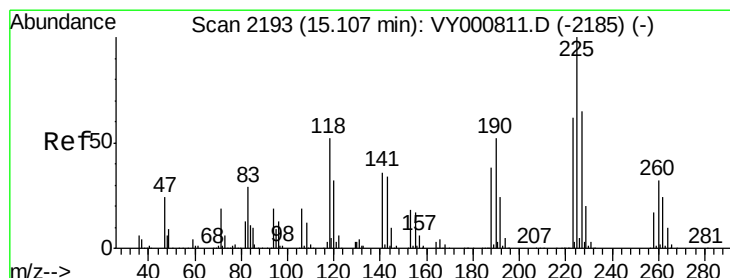
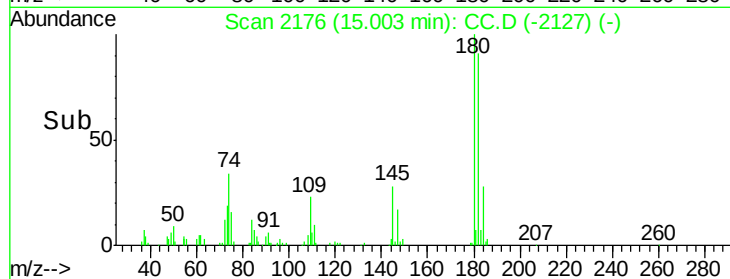
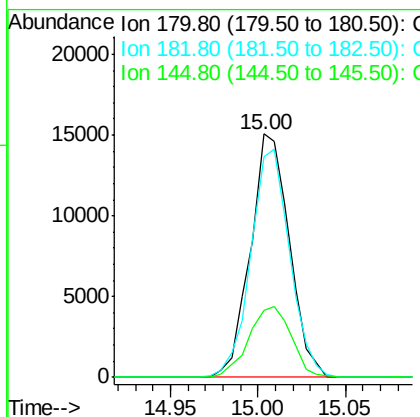
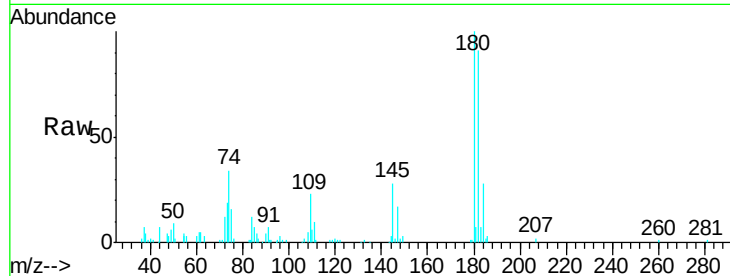




#93
 1,2,4-Trichlorobenzene
 Concen: 4.988 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

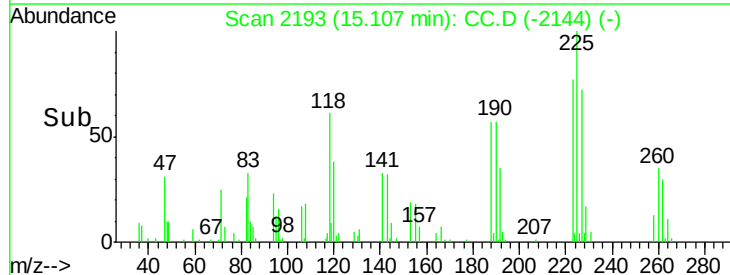
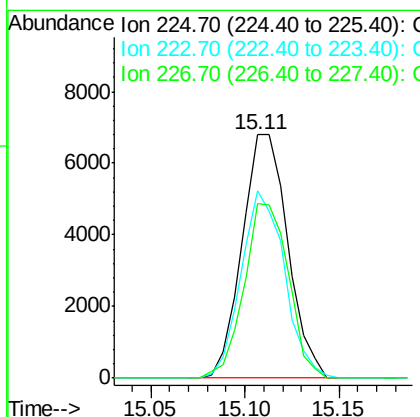
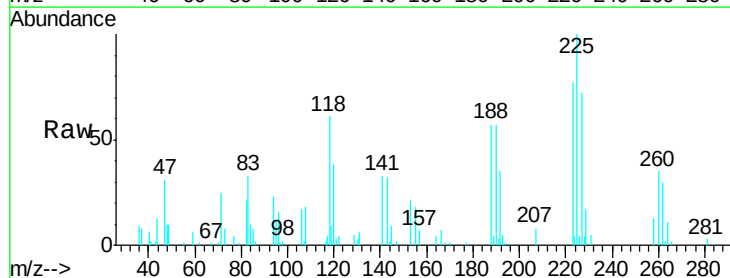
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

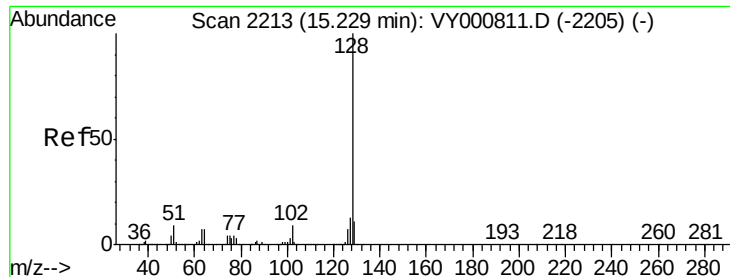
Tgt Ion:180 Resp: 23322
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.3 141.9
 145 31.8 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 4.828 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: CC.D
 Acq: 27 Nov 2019 10:12

Tgt Ion:225 Resp: 11426
 Ion Ratio Lower Upper
 225 100
 223 73.1 31.4 94.3
 227 69.5 31.8 95.3

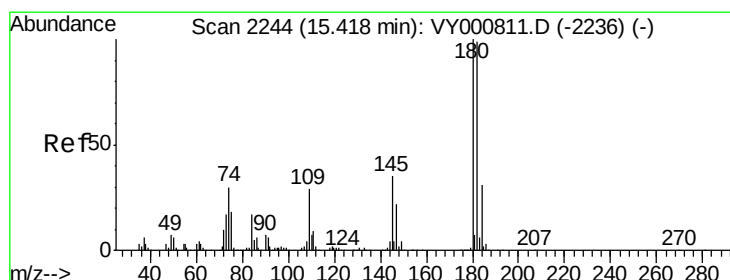
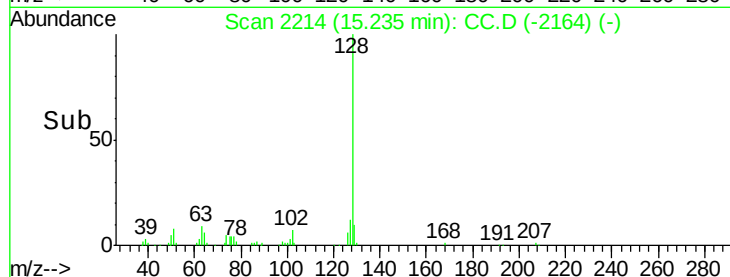
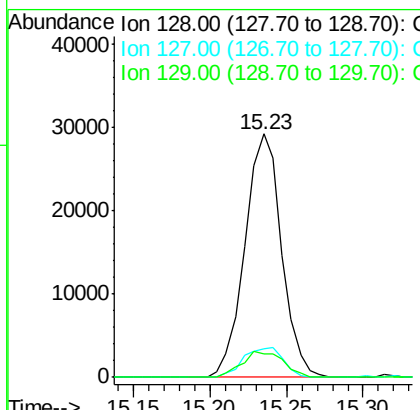
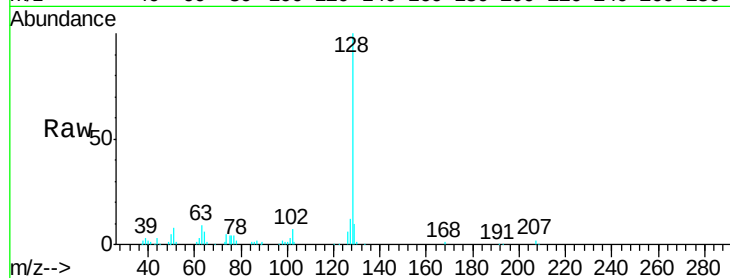




#95
Naphthalene
Concen: 4.641 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 48657
Ion Ratio Lower Upper
128 100
127 13.3 10.1 15.1
129 12.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 5.093 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: CC.D
Acq: 27 Nov 2019 10:12

Tgt Ion:180 Resp: 21201
Ion Ratio Lower Upper
180 100
182 99.0 48.0 144.0
145 30.6 16.9 50.6

