

Data File : VD065471.D
Acq On : 10 Mar 2020 19:19
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 11 01:58:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	433792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	650187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	603567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	296335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	193241	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	7.92	113	202071	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.34	98	769031	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.64	95	249779	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	159638	42.820	ug/l	98
3) Chloromethane	2.21	50	200228	44.485	ug/l	100
4) Vinyl Chloride	2.35	62	204030	45.957	ug/l	99
5) Bromomethane	2.77	94	133350	53.987	ug/l	99
6) Chloroethane	2.92	64	130111	47.852	ug/l	97
7) Trichlorofluoromethane	3.27	101	306767	46.894	ug/l	100
8) Diethyl Ether	3.71	74	102340	52.607	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.08	101	198306	47.068	ug/l	99
10) Methyl Iodide	4.29	142	226508	51.749	ug/l	99
11) Tert butyl alcohol	5.25	59	54687	256.219	ug/l #	94
12) 1,1-Dichloroethene	4.06	96	189463	46.963	ug/l	95
13) Acrolein	3.92	56	122676	333.267	ug/l	98
14) Allyl chloride	4.71	41	311351	50.239	ug/l	99
15) Acrylonitrile	5.43	53	226425	267.541	ug/l	98
16) Acetone	4.17	43	166924	221.811	ug/l	99
17) Carbon Disulfide	4.40	76	619532	46.113	ug/l	99
18) Methyl Acetate	4.73	43	99517	52.132	ug/l	98
19) Methyl tert-butyl Ether	5.49	73	426937	55.030	ug/l	98
20) Methylene Chloride	4.96	84	230376	56.845	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	226248	50.414	ug/l	99
22) Diisopropyl ether	6.37	45	639119	55.476	ug/l	98
23) Vinyl Acetate	6.31	43	1817053	284.055	ug/l	99
24) 1,1-Dichloroethane	6.26	63	381053	51.567	ug/l	98
25) 2-Butanone	7.23	43	262846	255.944	ug/l	98
26) 2,2-Dichloropropane	7.21	77	315634	48.878	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	245846	53.594	ug/l	97
28) Bromochloromethane	7.55	49	172225	58.254	ug/l	100
29) Tetrahydrofuran	7.57	42	181270	276.396	ug/l	98
30) Chloroform	7.71	83	392882	53.193	ug/l	96
31) Cyclohexane	7.98	56	335762	45.441	ug/l	99
32) 1,1,1-Trichloroethane	7.91	97	342043	50.112	ug/l	99
36) 1,1-Dichloropropene	8.11	75	301206	48.329	ug/l	99
37) Ethyl Acetate	7.30	43	126751	52.617	ug/l	99
38) Carbon Tetrachloride	8.10	117	309847	47.943	ug/l	97

Data File : VD065471.D
Acq On : 10 Mar 2020 19:19
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 11 01:58:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	361073	47.967	ug/l	96
40) Benzene	8.36	78	903736	51.862	ug/l	99
41) Methacrylonitrile	7.53	41	61213	48.049	ug/l	97
42) 1,2-Dichloroethane	8.43	62	239072	52.540	ug/l	100
43) Isopropyl Acetate	8.46	43	229963	51.701	ug/l	98
44) Trichloroethene	9.11	130	242793	49.337	ug/l	98
45) 1,2-Dichloropropane	9.39	63	221355	52.441	ug/l	96
46) Dibromomethane	9.48	93	117093	53.480	ug/l	98
47) Bromodichloromethane	9.67	83	302821	53.163	ug/l	96
48) Methyl methacrylate	9.46	41	111660	53.368	ug/l	99
49) 1,4-Dioxane	9.47	88	27431	1095.286	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	620554	277.243	ug/l	100
52) Toluene	10.41	92	574214	52.308	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	283668	53.290	ug/l	100
54) cis-1,3-Dichloropropene	10.10	75	347217	53.889	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	165050	53.224	ug/l	97
56) Ethyl methacrylate	10.67	69	197172	56.400	ug/l	99
57) 1,3-Dichloropropane	10.95	76	279174	53.207	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	266686	244.126	ug/l	99
59) 2-Hexanone	10.99	43	416547	268.836	ug/l	99
60) Dibromochloromethane	11.14	129	213915	53.814	ug/l	100
61) 1,2-Dibromoethane	11.25	107	157150	53.128	ug/l	99
64) Tetrachloroethene	10.88	164	209495	48.439	ug/l	97
65) Chlorobenzene	11.68	112	609338	51.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	225768	51.901	ug/l	99
67) Ethyl Benzene	11.75	91	1067654	51.733	ug/l	100
68) m/p-Xylenes	11.86	106	820414	103.097	ug/l	100
69) o-Xylene	12.18	106	370321	52.904	ug/l	99
70) Styrene	12.20	104	661340	53.683	ug/l	99
71) Bromoform	12.37	173	132205	54.107	ug/l #	98
73) Isopropylbenzene	12.48	105	999718	51.290	ug/l	100
74) N-amyl acetate	12.30	43	213321	53.459	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	175589	51.250	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	225927	96.619	ug/l #	100
77) Bromobenzene	12.77	156	250200	51.666	ug/l	99
78) n-propylbenzene	12.83	91	1186306	51.296	ug/l	100
79) 2-Chlorotoluene	12.91	91	663011	50.869	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	822557	51.333	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	55829	50.385	ug/l	98
82) 4-Chlorotoluene	13.01	91	698219	50.979	ug/l	99
83) tert-Butylbenzene	13.23	119	694464	51.227	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	830156	52.557	ug/l	100
85) sec-Butylbenzene	13.41	105	976558	50.466	ug/l	100
86) p-Isopropyltoluene	13.53	119	906428	51.334	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	475871	51.112	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	461902	49.874	ug/l	100
89) n-Butylbenzene	13.86	91	812255	49.757	ug/l	99
90) Hexachloroethane	14.12	117	180152	49.542	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	411353	51.919	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27726	53.137	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031020\
Quantitation Report (Not Reviewed)

Data File : VD065471.D
Acq On : 10 Mar 2020 19:19
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 11 01:58:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration

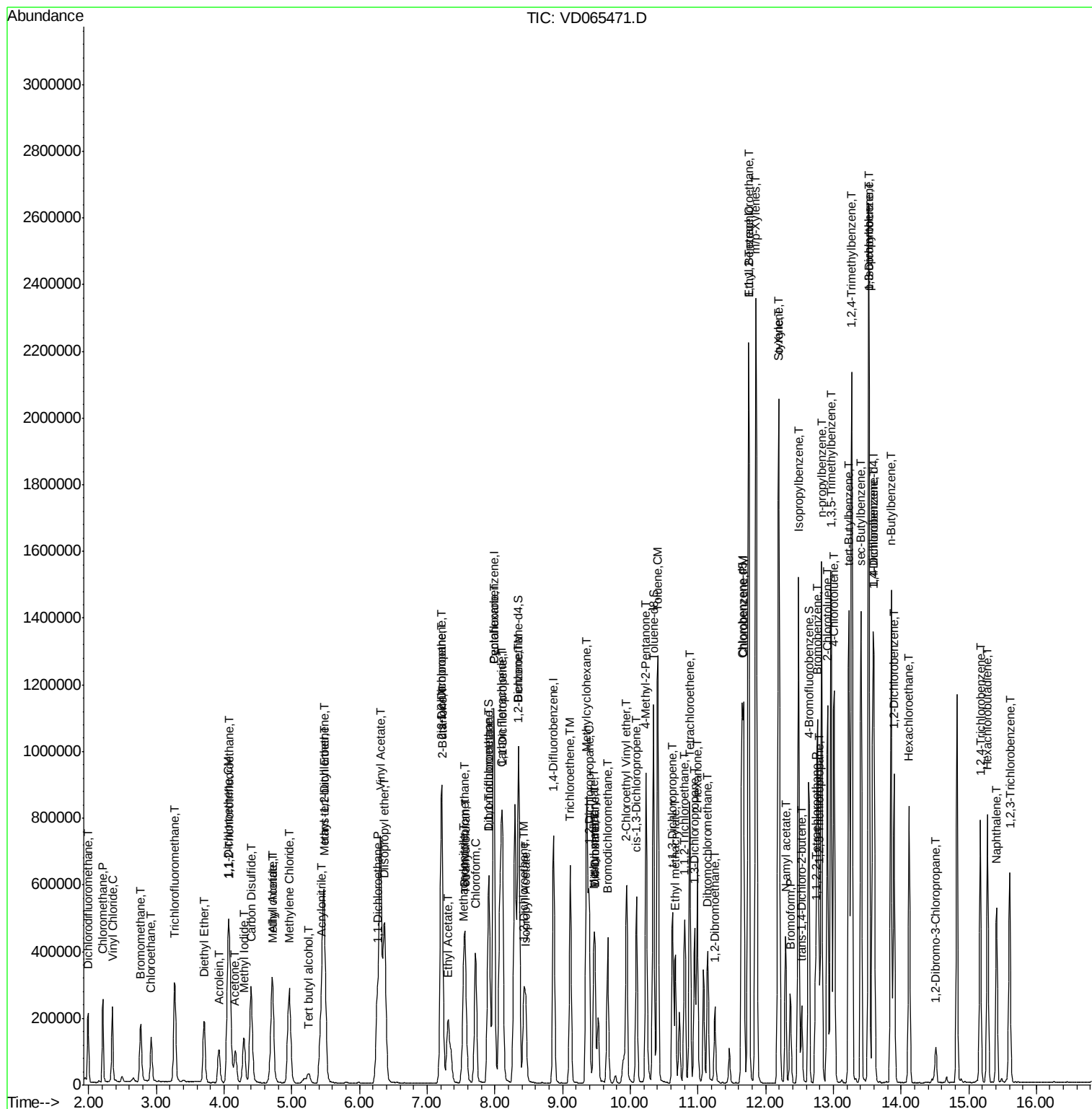
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	272409	50.728	ug/l	100
94) Hexachlorobutadiene	15.28	225	168000	47.613	ug/l	98
95) Naphthalene	15.41	128	461720	48.397	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	240541	51.837	ug/l	99

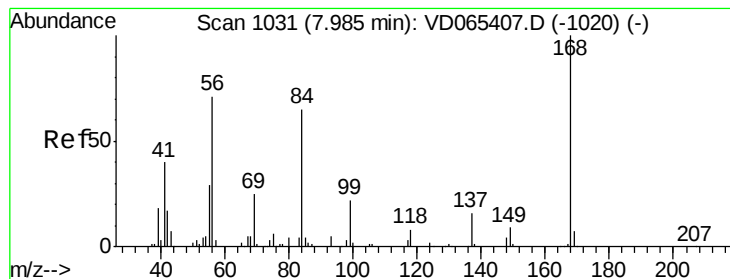
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VD065471.D
Acq On : 10 Mar 2020 19:19
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 11 01:58:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

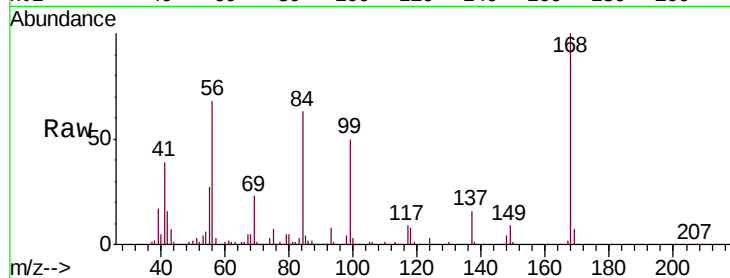
VSTDCCC050EC

Tgt Ion:168 Resp: 433792

Ion Ratio Lower Upper

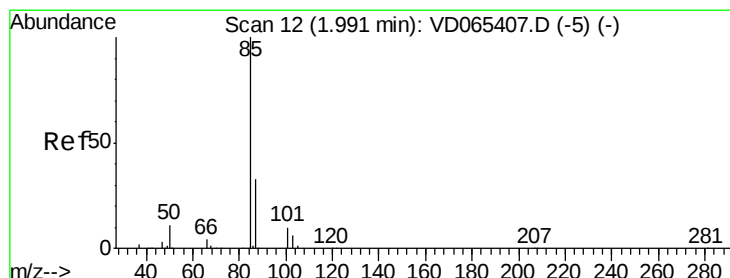
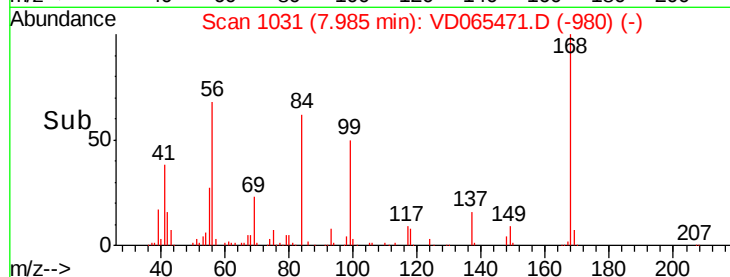
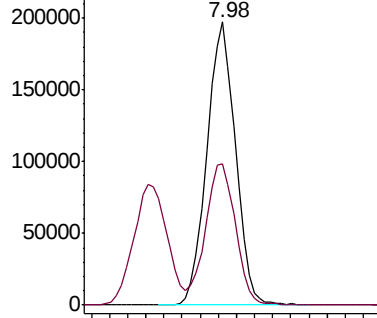
168 100

99 49.7 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 42.820 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065471.D

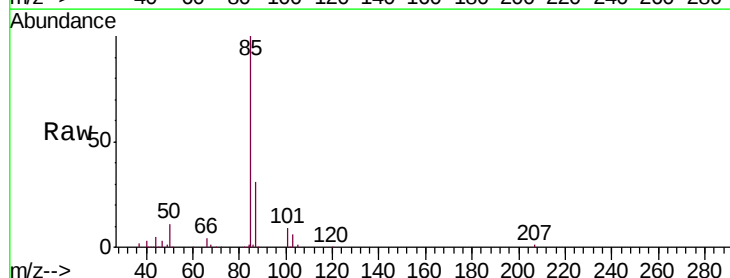
Acq: 10 Mar 2020 19:19

Tgt Ion: 85 Resp: 159638

Ion Ratio Lower Upper

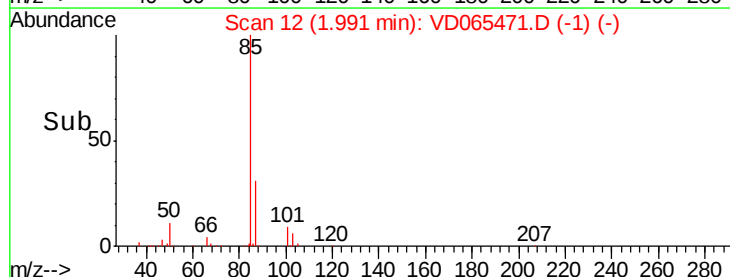
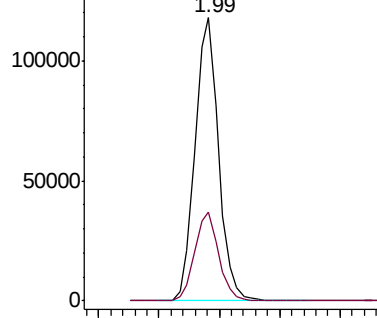
85 100

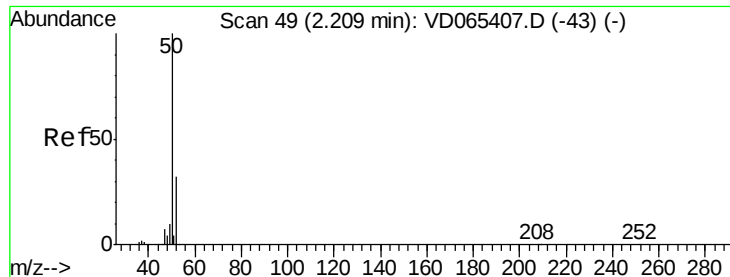
87 31.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.485 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

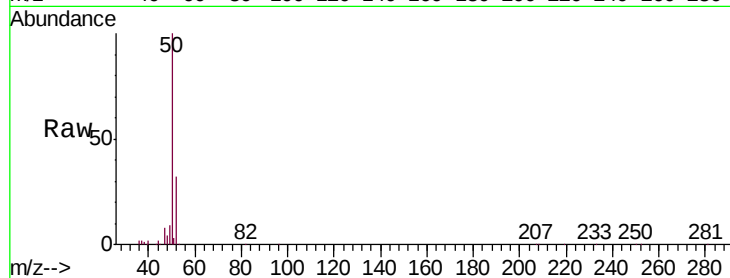
VSTDCCC050EC

Tgt Ion: 50 Resp: 200228

Ion Ratio Lower Upper

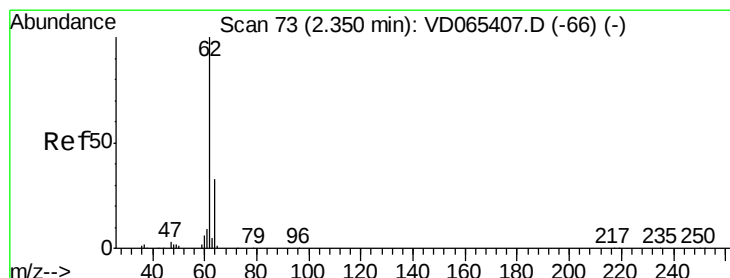
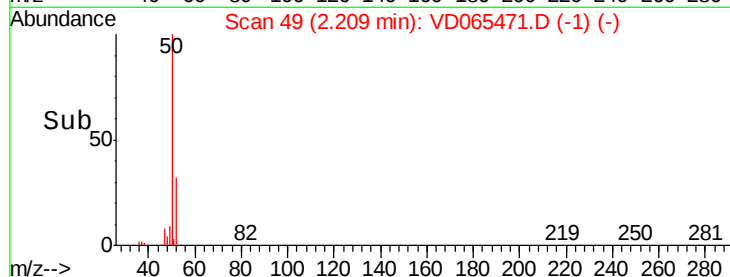
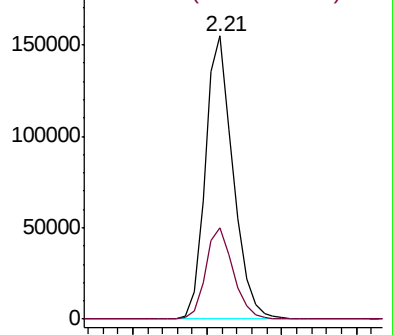
50 100

52 32.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 45.957 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065471.D

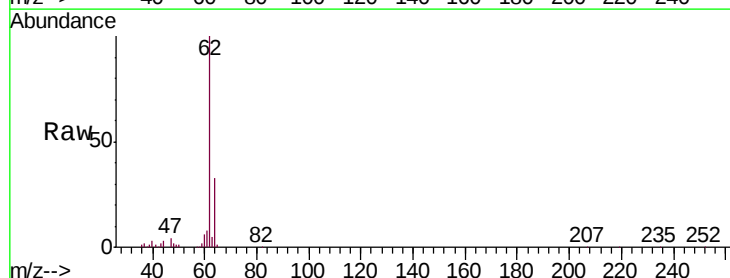
Acq: 10 Mar 2020 19:19

Tgt Ion: 62 Resp: 204030

Ion Ratio Lower Upper

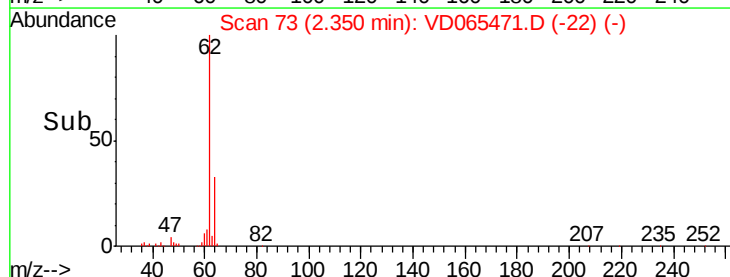
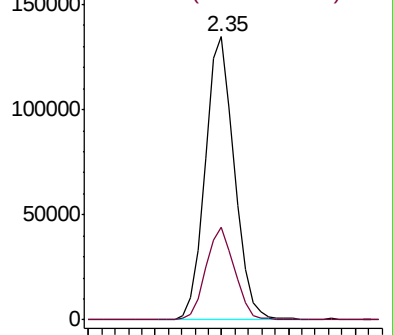
62 100

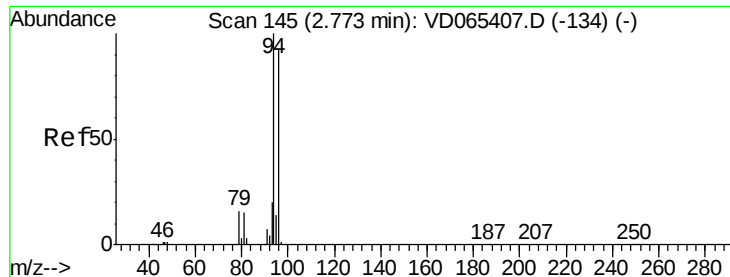
64 32.6 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 53.987 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

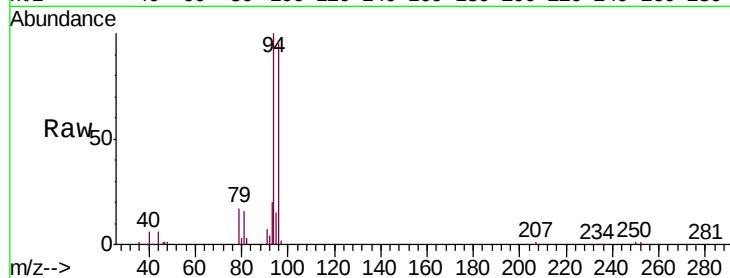
VSTDCCC050EC

Tgt Ion: 94 Resp: 133350

Ion Ratio Lower Upper

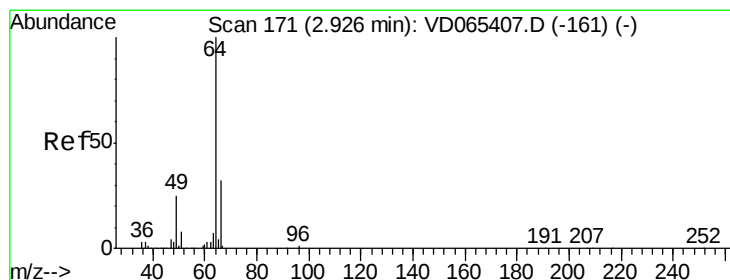
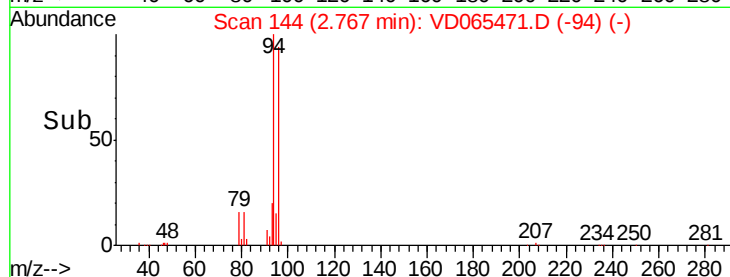
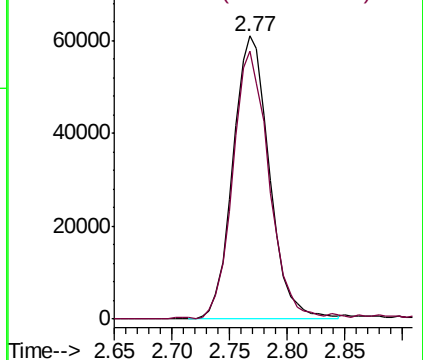
94 100

96 94.1 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 47.852 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065471.D

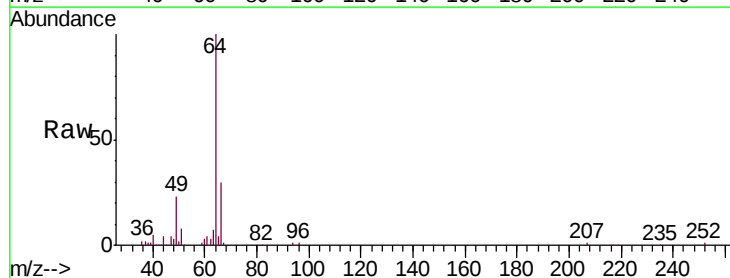
Acq: 10 Mar 2020 19:19

Tgt Ion: 64 Resp: 130111

Ion Ratio Lower Upper

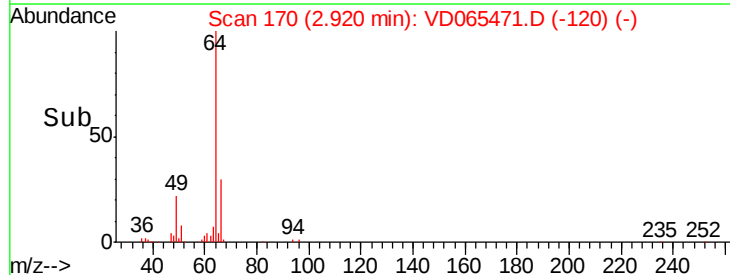
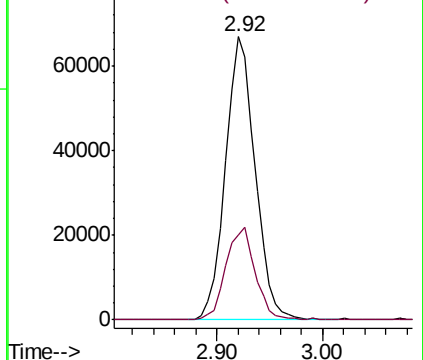
64 100

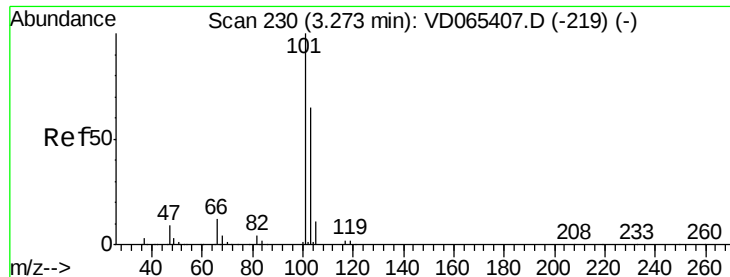
66 30.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



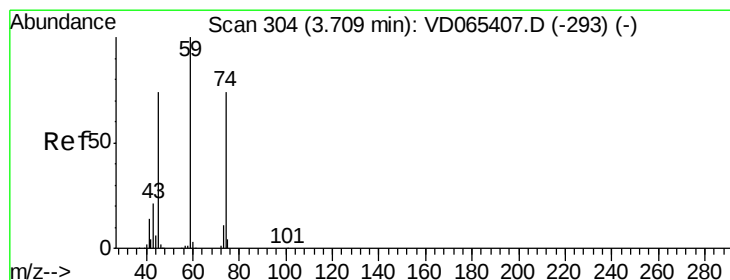
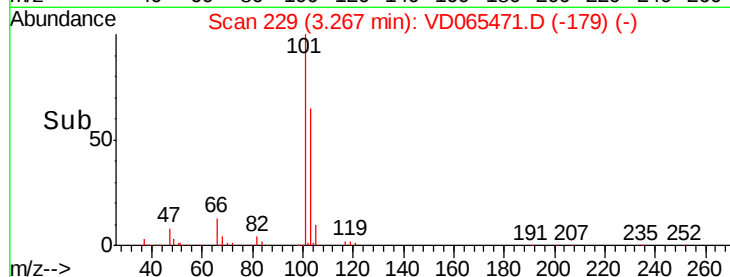
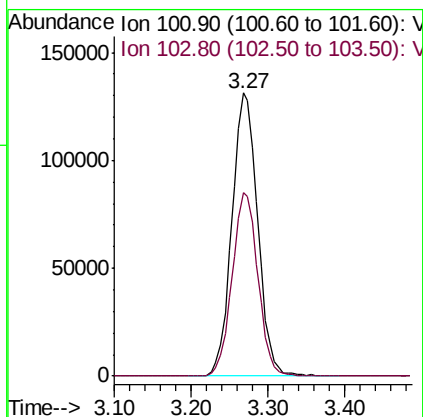
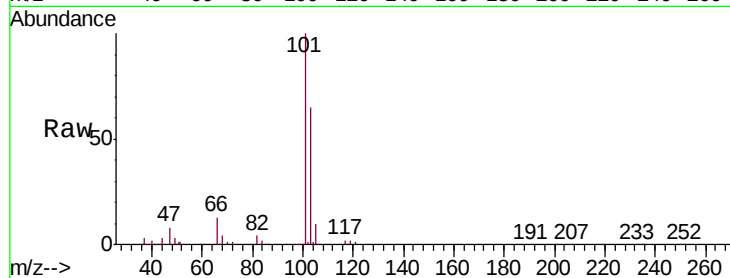


#7

Trichlorofluoromethane
 Concen: 46.894 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

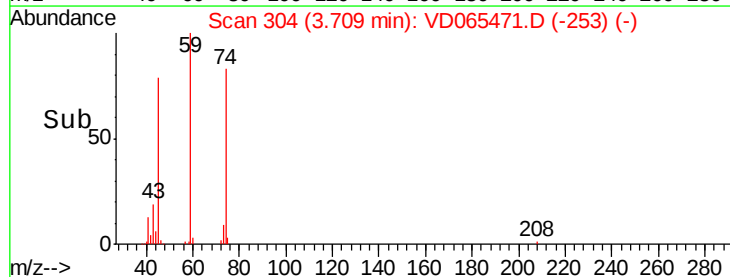
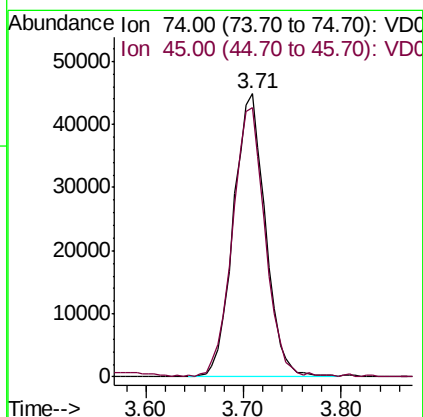
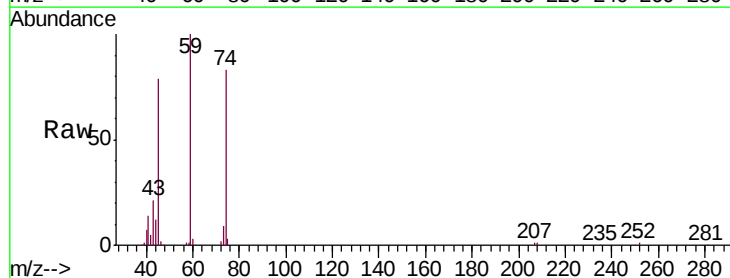
Tgt Ion: 101 Resp: 306767
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.1 78.1

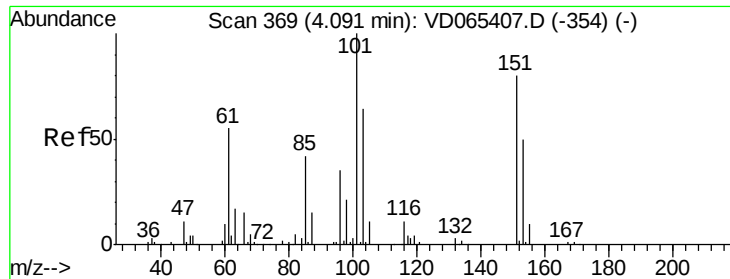


#8

Diethyl Ether
 Concen: 52.607 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion: 74 Resp: 102340
 Ion Ratio Lower Upper
 74 100
 45 97.5 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.068 ug/l

RT: 4.08 min Scan# 367

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

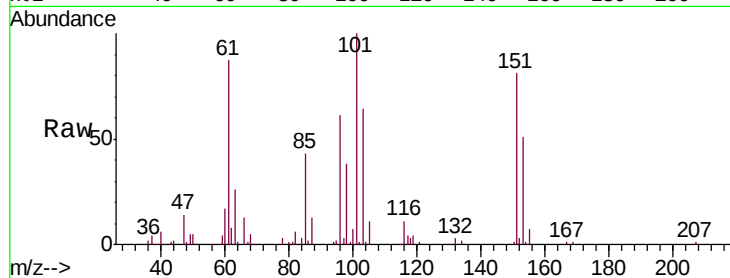
Tgt Ion:101 Resp: 198306

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.2

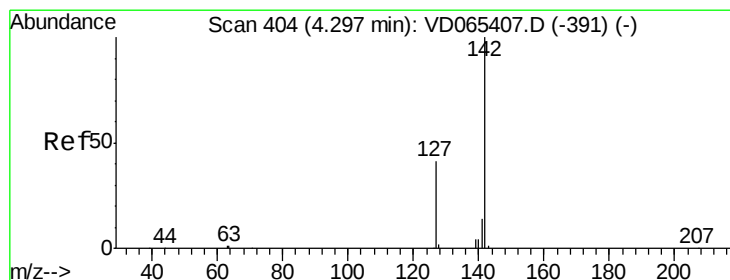
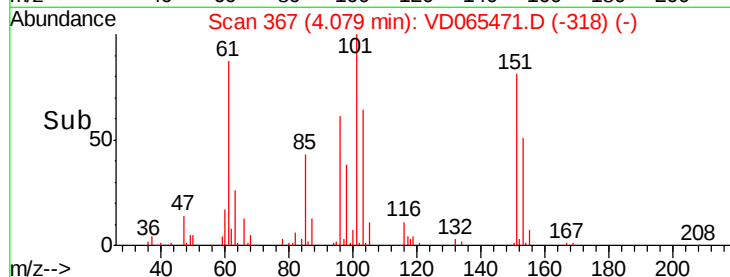
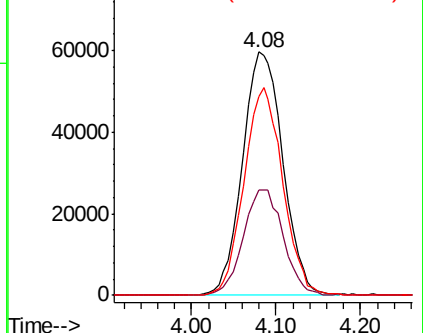
151 82.0 65.1 97.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.749 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

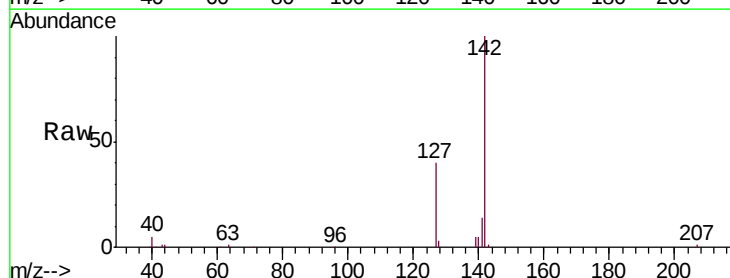
Tgt Ion:142 Resp: 226508

Ion Ratio Lower Upper

142 100

127 43.4 35.0 52.6

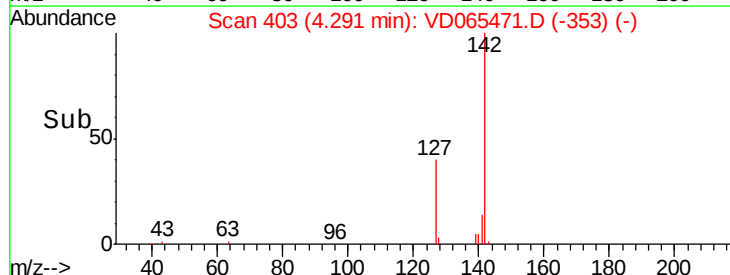
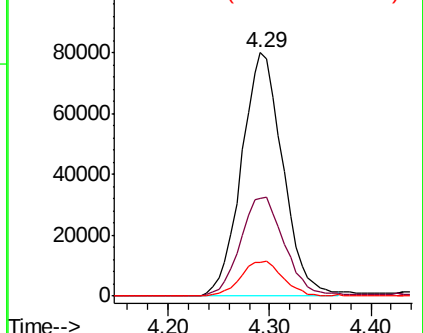
141 14.7 12.4 18.6

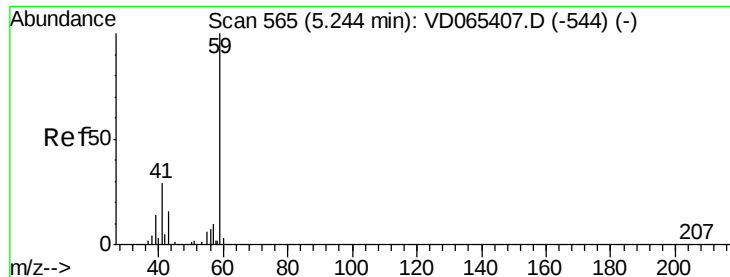


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

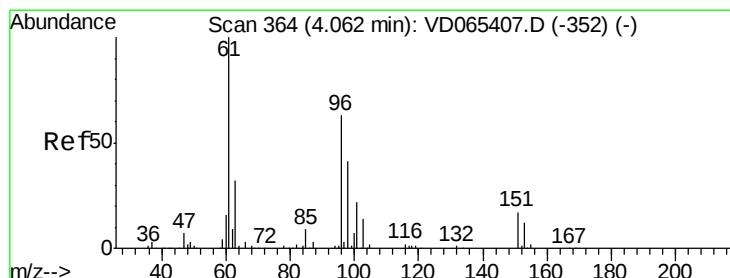
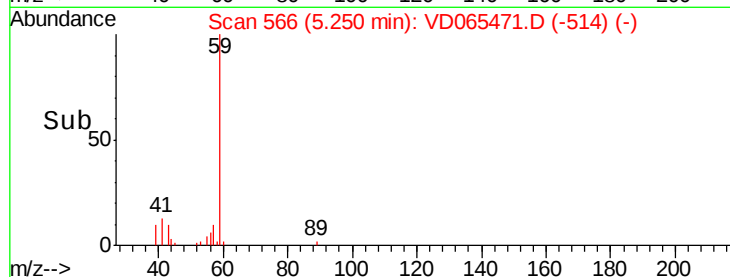
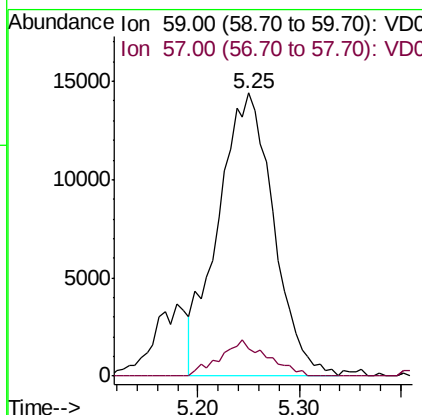
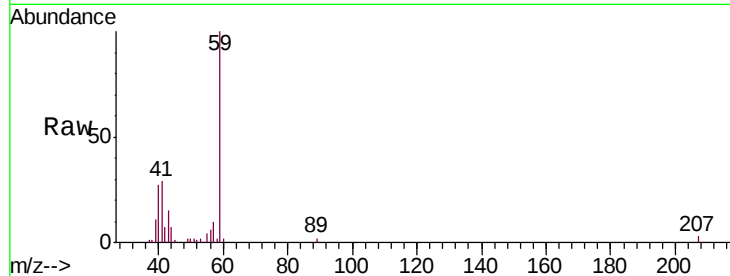




#11
Tert butyl alcohol
Concen: 256.219 ug/l
RT: 5.25 min Scan# 566
Delta R.T. 0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

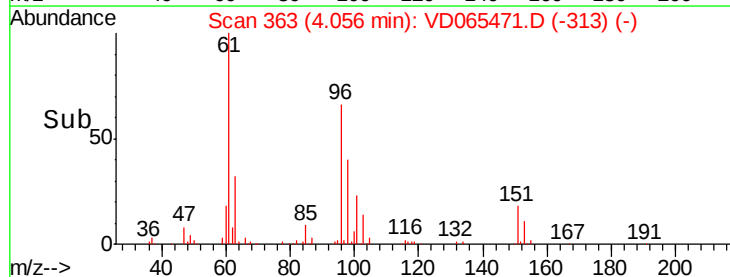
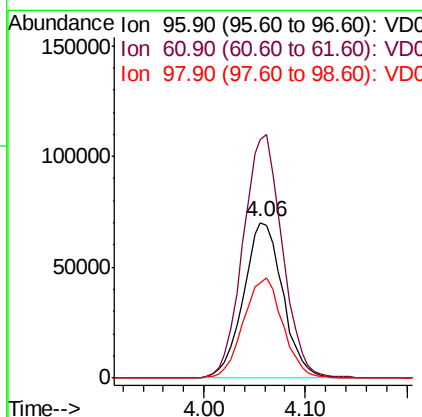
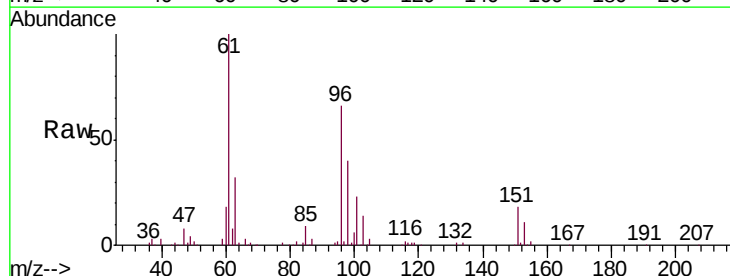
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

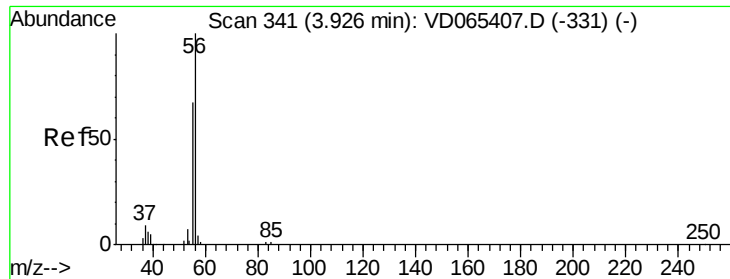
Tgt Ion: 59 Resp: 54687
Ion Ratio Lower Upper
59 100
57 10.8 6.9 10.3#



#12
1,1-Dichloroethene
Concen: 46.963 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion: 96 Resp: 189463
Ion Ratio Lower Upper
96 100
61 152.7 128.0 192.0
98 61.1 51.9 77.9

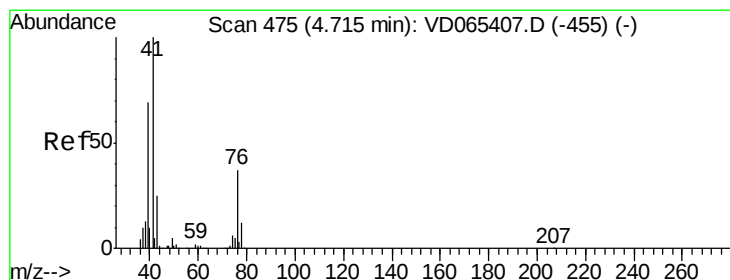
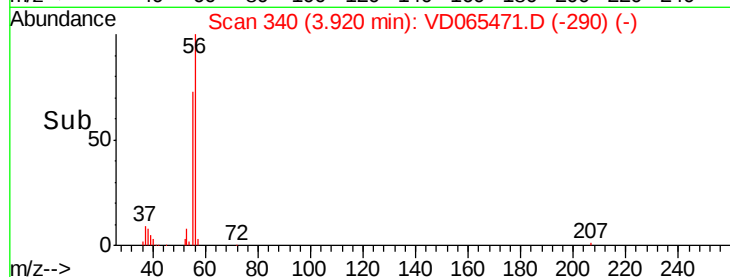
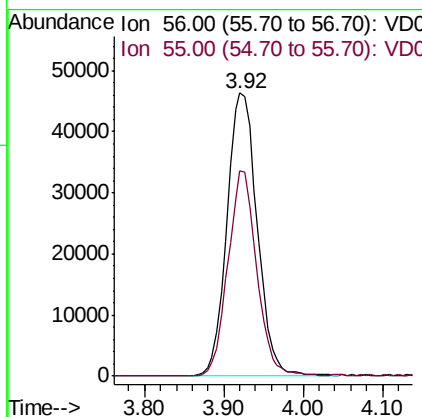
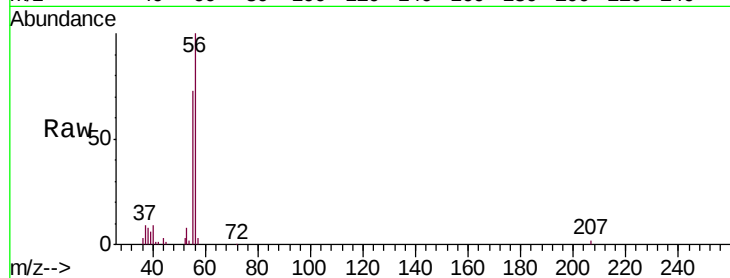




#13
Acrolein
Concen: 333.267 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

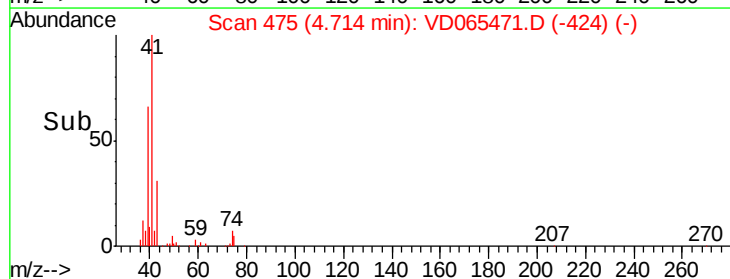
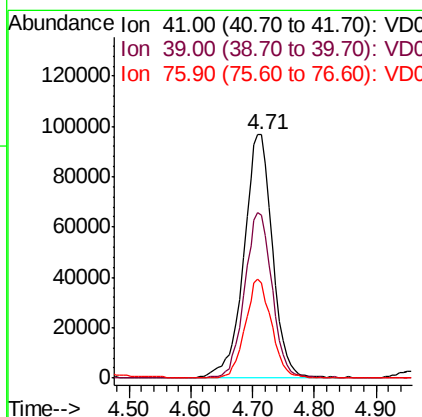
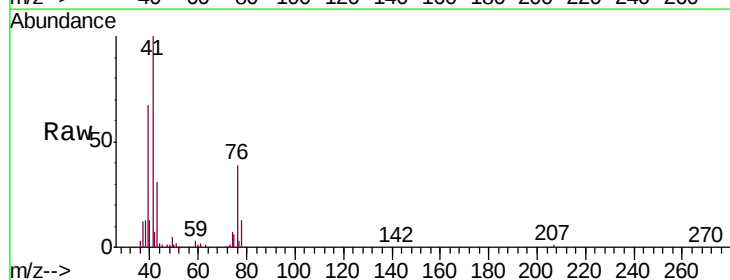
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

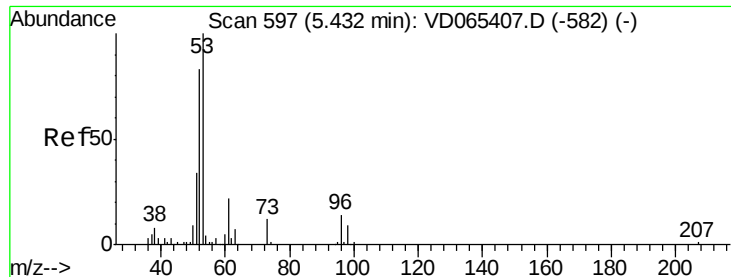
Tgt Ion: 56 Resp: 122676
Ion Ratio Lower Upper
56 100
55 69.2 56.6 85.0



#14
Allyl chloride
Concen: 50.239 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion: 41 Resp: 311351
Ion Ratio Lower Upper
41 100
39 65.3 52.6 79.0
76 37.4 29.2 43.8





#15

Acrylonitrile

Concen: 267.541 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

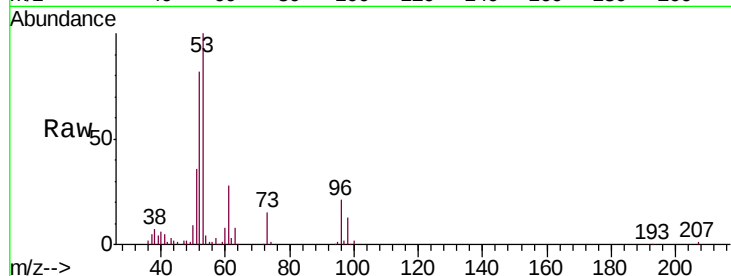
Tgt Ion: 53 Resp: 226425

Ion Ratio Lower Upper

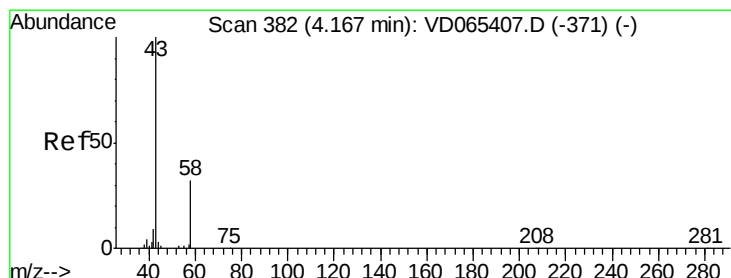
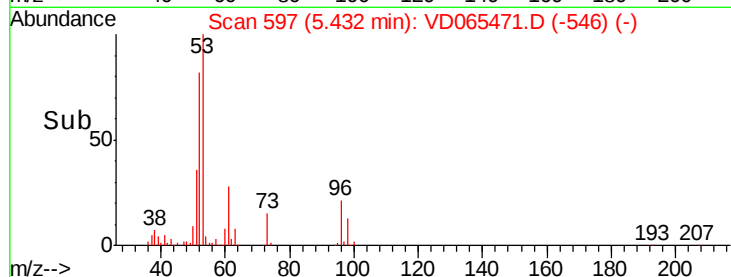
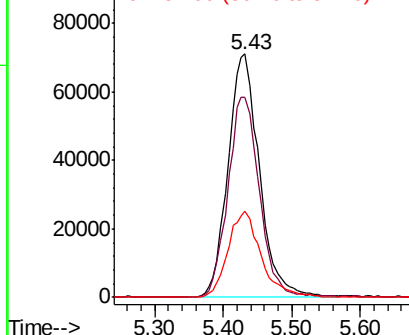
53 100

52 82.6 65.1 97.7

51 37.4 28.5 42.7



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



#16

Acetone

Concen: 221.811 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065471.D

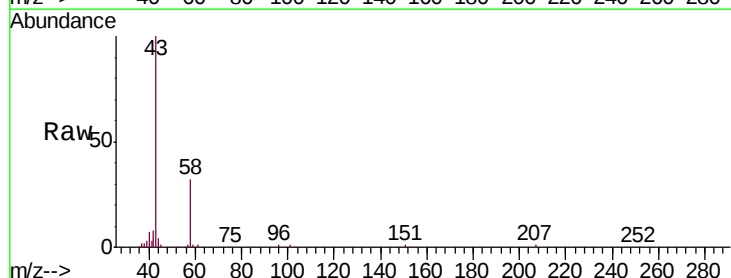
Acq: 10 Mar 2020 19:19

Tgt Ion: 43 Resp: 166924

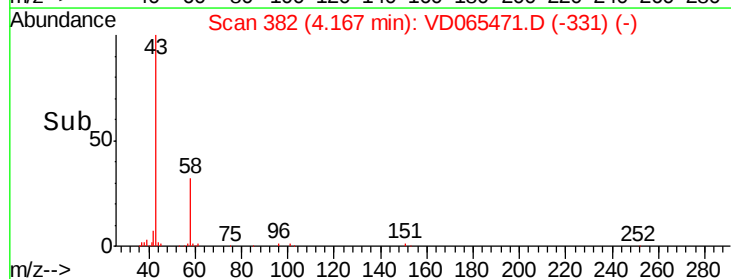
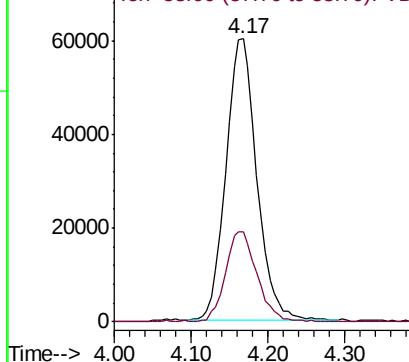
Ion Ratio Lower Upper

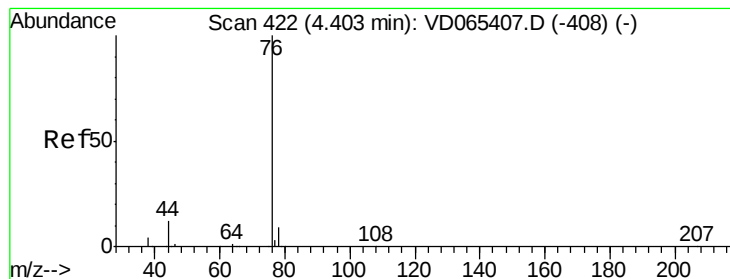
43 100

58 32.1 25.1 37.7



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





#17

Carbon Disulfide

Concen: 46.113 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

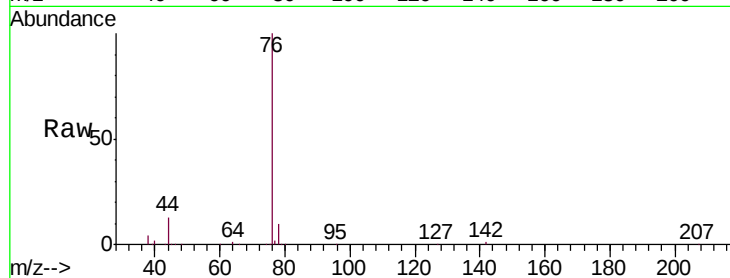
VSTDCCC050EC

Tgt Ion: 76 Resp: 619532

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

250000

200000

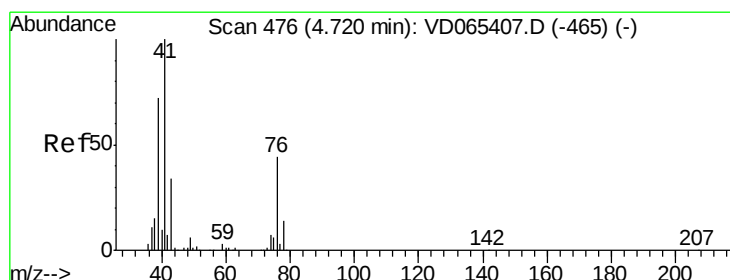
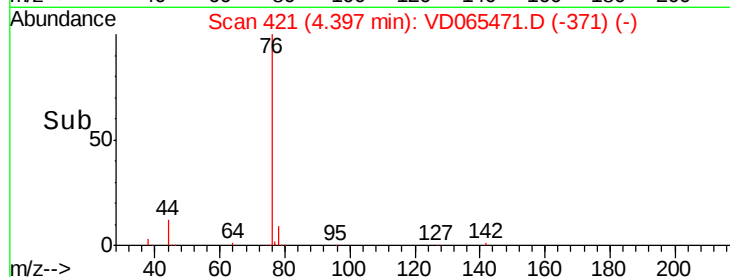
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.132 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD065471.D

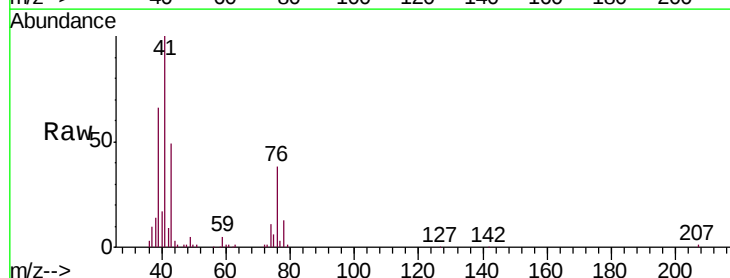
Acq: 10 Mar 2020 19:19

Tgt Ion: 43 Resp: 99517

Ion Ratio Lower Upper

43 100

74 23.7 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.73

40000

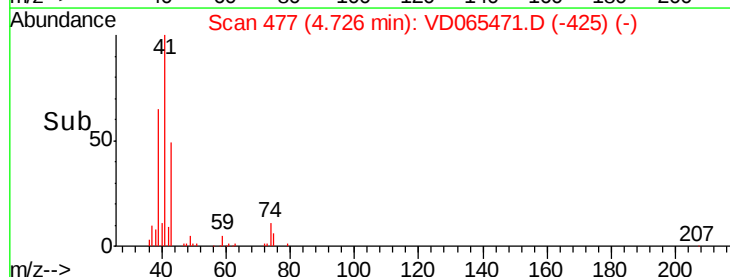
30000

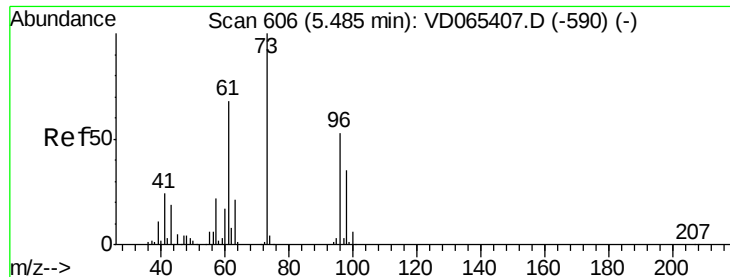
20000

10000

0

Time-->

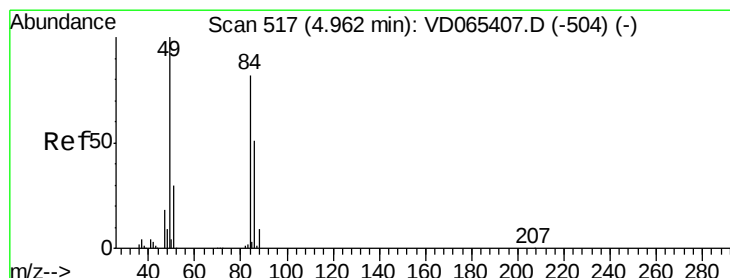
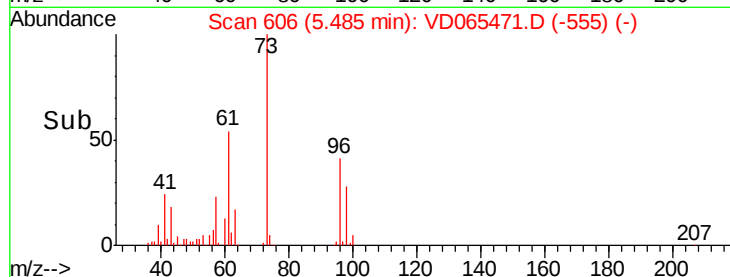
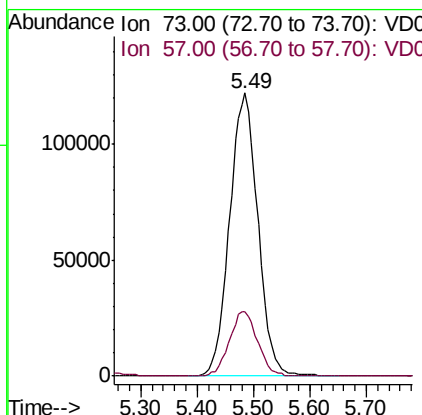
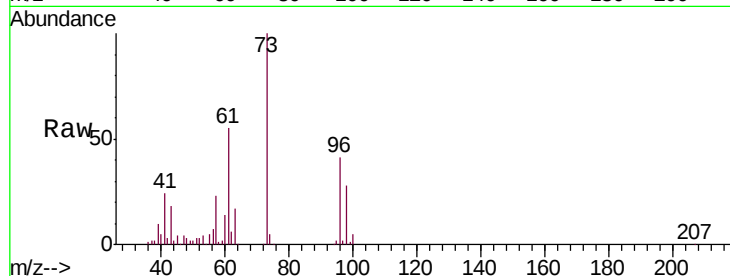




#19
Methyl tert-butyl Ether
Concen: 55.030 ug/l
RT: 5.49 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

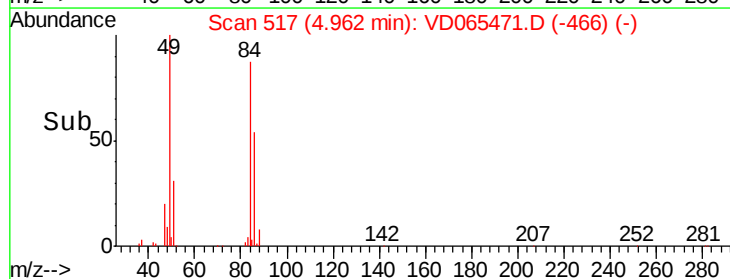
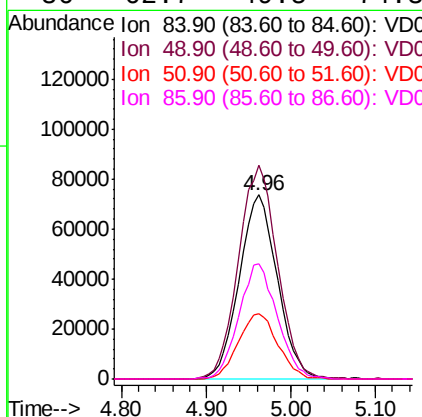
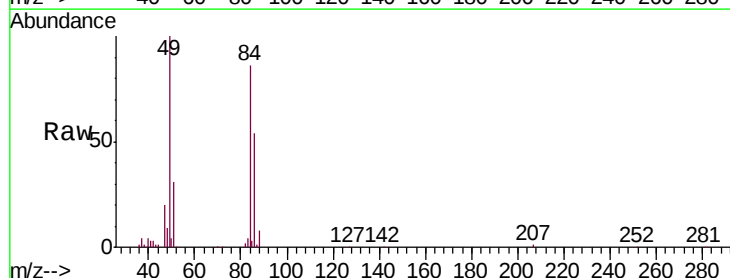
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

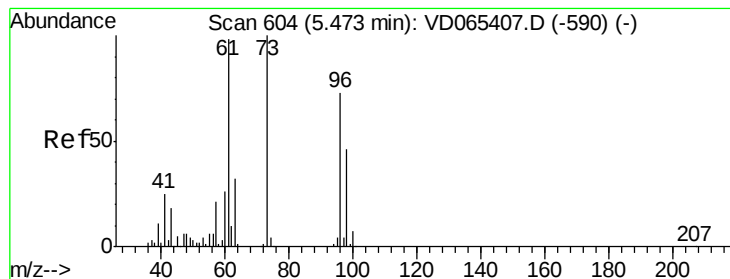
Tgt Ion: 73 Resp: 426937
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 56.845 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion: 84 Resp: 230376
Ion Ratio Lower Upper
84 100
49 116.1 97.7 146.5
51 35.6 28.8 43.2
86 62.7 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 50.414 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

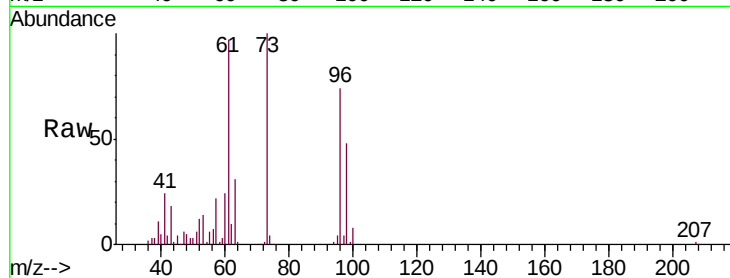
Tgt Ion: 96 Resp: 226248

Ion Ratio Lower Upper

96 100

61 132.1 106.3 159.5

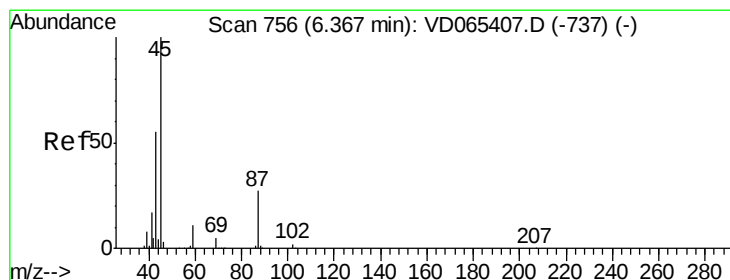
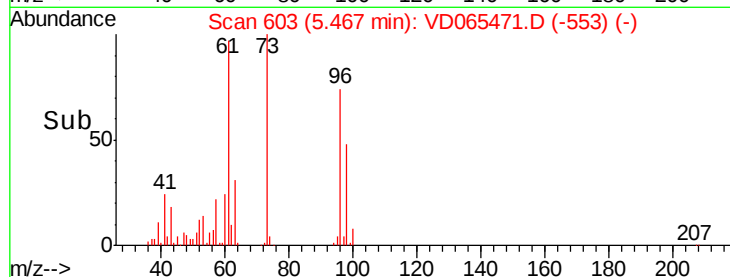
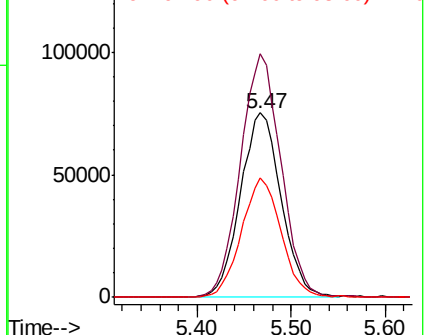
98 65.0 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 55.476 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tgt Ion: 45 Resp: 639119

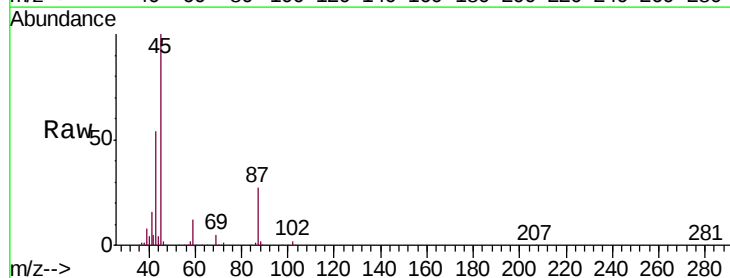
Ion Ratio Lower Upper

45 100

43 53.1 44.4 66.6

87 27.0 21.9 32.9

59 11.7 9.2 13.8

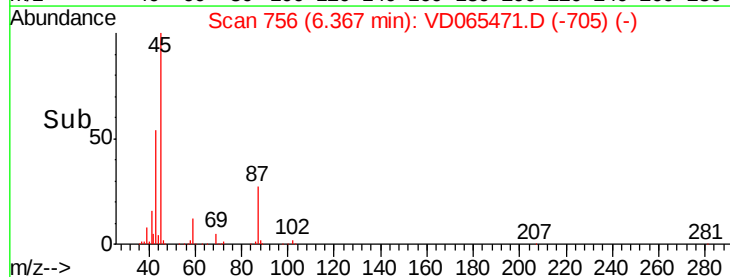
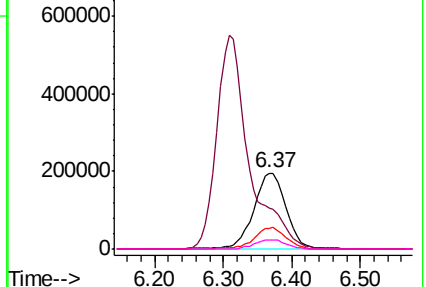


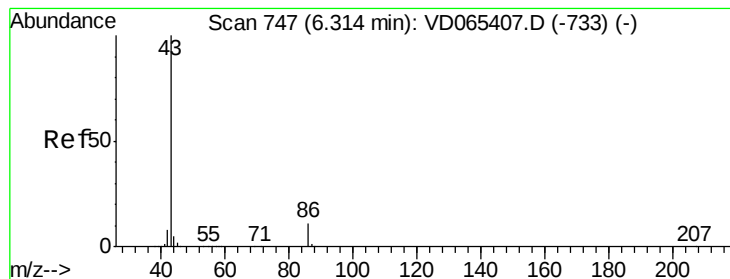
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 284.055 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

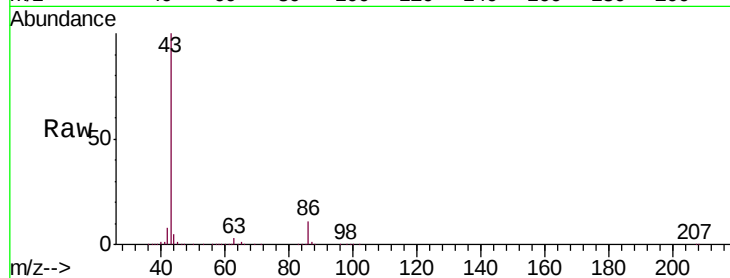
VSTDCCC050EC

Tgt Ion: 43 Resp: 1817053

Ion Ratio Lower Upper

43 100

86 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

600000

500000

400000

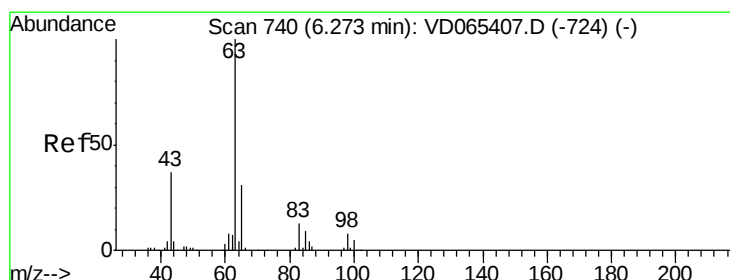
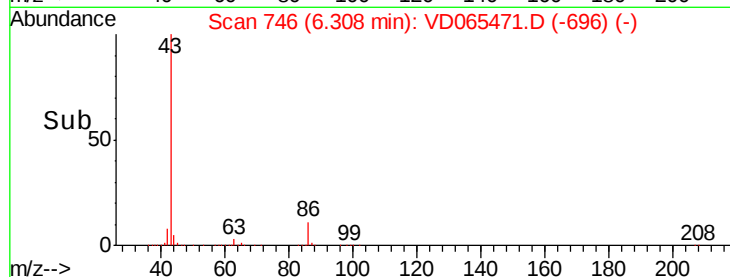
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 51.567 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

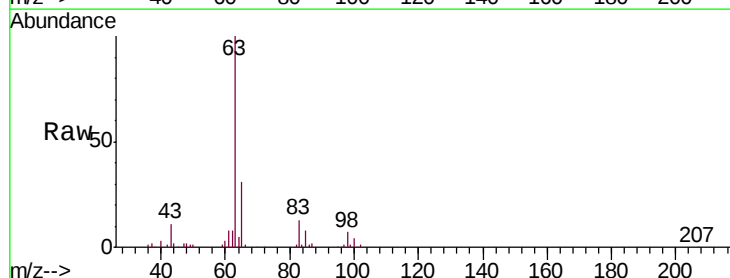
Tgt Ion: 63 Resp: 381053

Ion Ratio Lower Upper

63 100

98 7.2 4.2 12.6

100 4.4 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

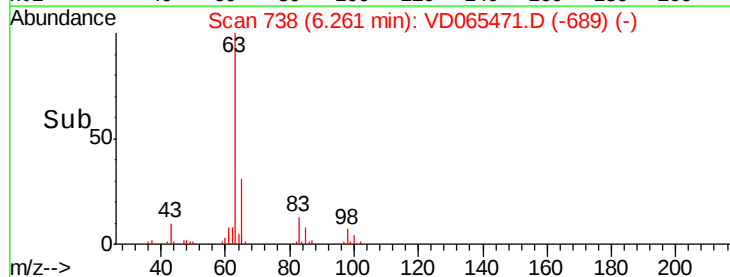
150000

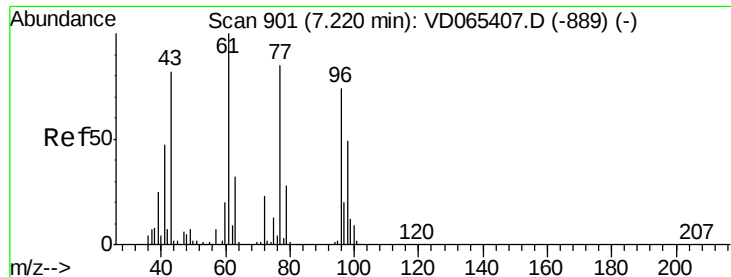
100000

50000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 255.944 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

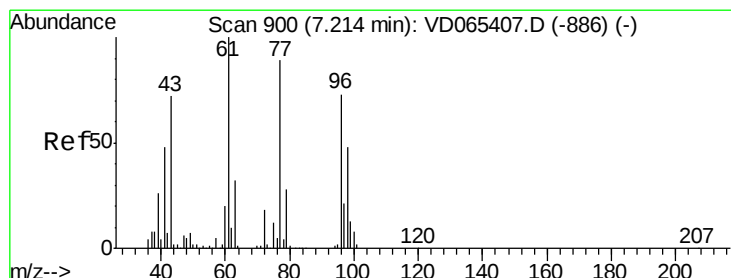
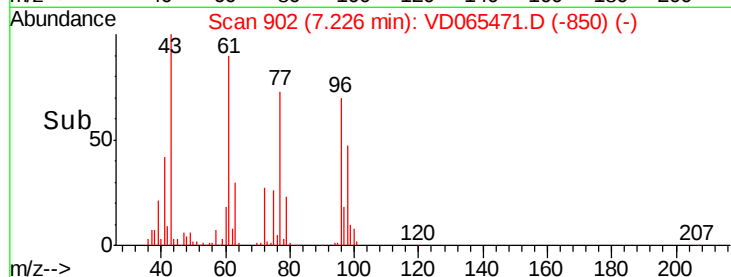
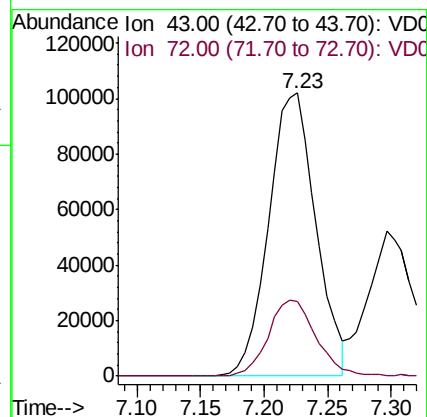
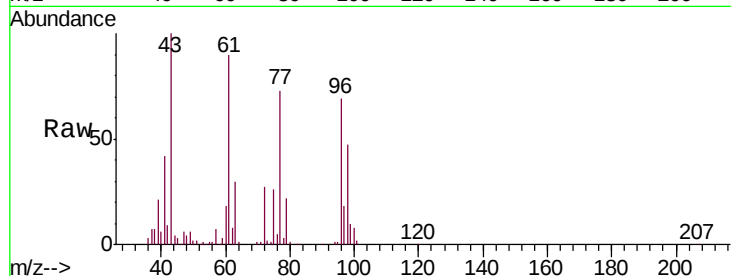
VSTDCCC050EC

Tgt Ion: 43 Resp: 262846

Ion Ratio Lower Upper

43 100

72 26.7 22.3 33.5



#26

2,2-Dichloropropane

Concen: 48.878 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD065471.D

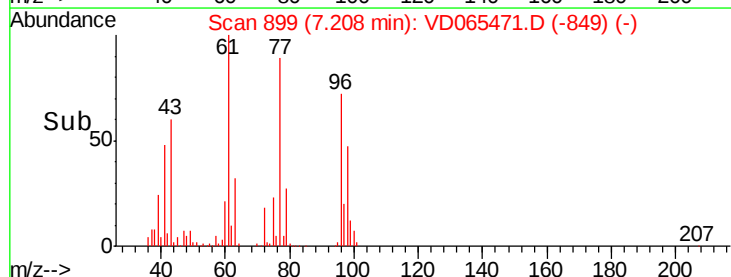
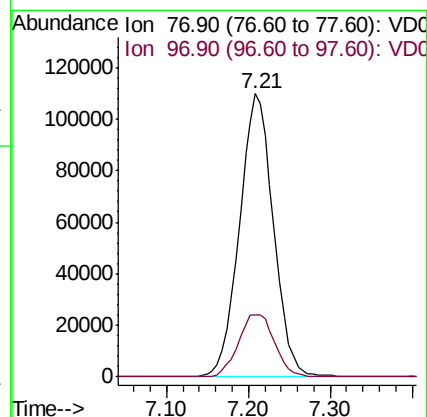
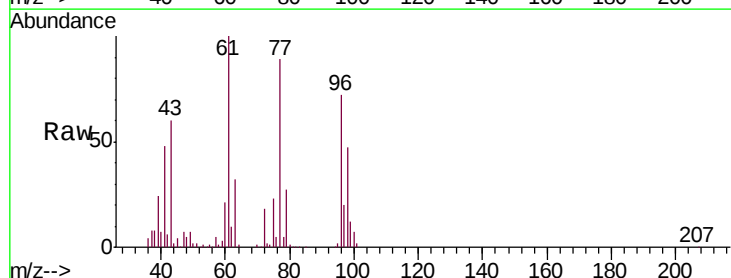
Acq: 10 Mar 2020 19:19

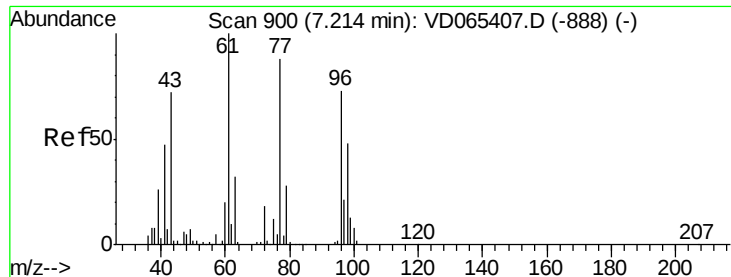
Tgt Ion: 77 Resp: 315634

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 53.594 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

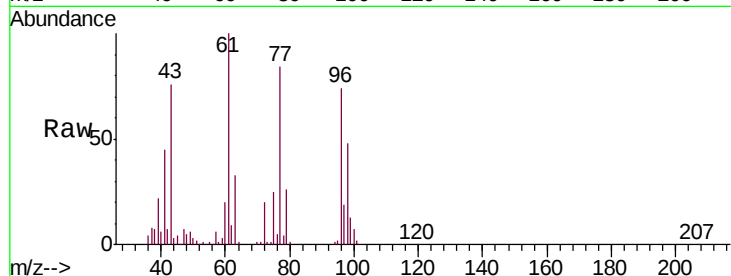
Tgt Ion: 96 Resp: 245846

Ion Ratio Lower Upper

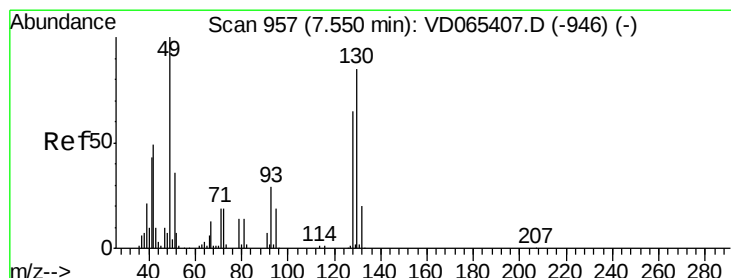
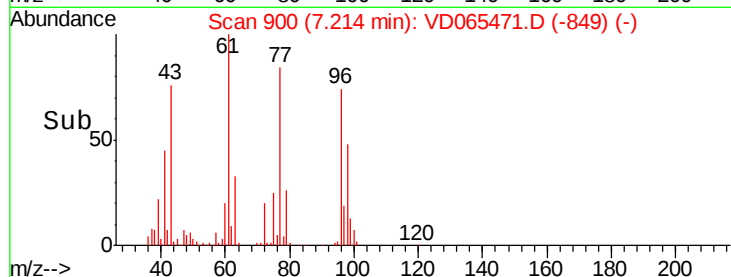
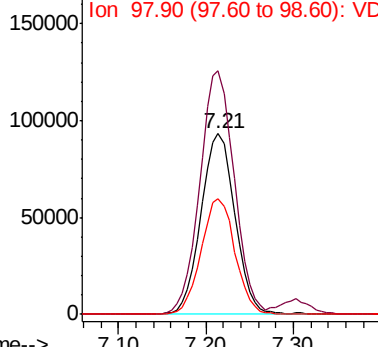
96 100

61 136.0 0.0 280.4

98 63.9 0.0 132.6



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



#28

Bromochloromethane

Concen: 58.254 ug/l

RT: 7.55 min Scan# 957

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

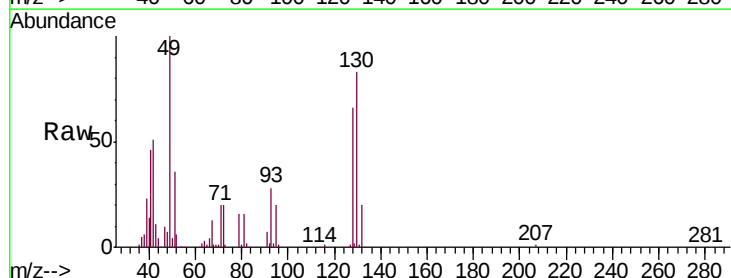
Tgt Ion: 49 Resp: 172225

Ion Ratio Lower Upper

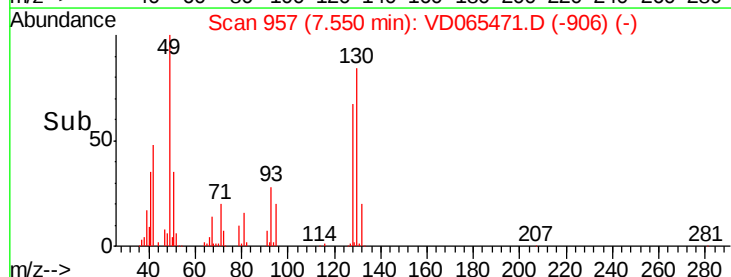
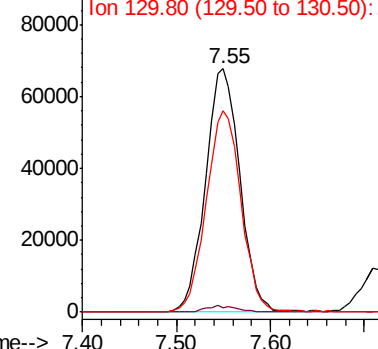
49 100

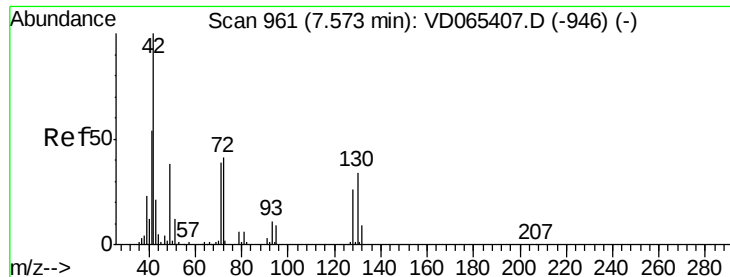
129 2.2 0.0 4.6

130 83.1 66.6 100.0



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 276.396 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

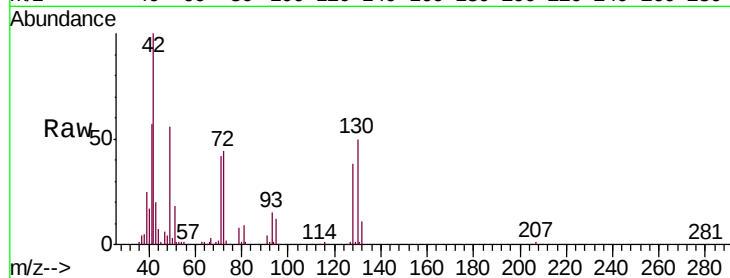
Tgt Ion: 42 Resp: 181270

Ion Ratio Lower Upper

42 100

72 42.9 33.0 49.6

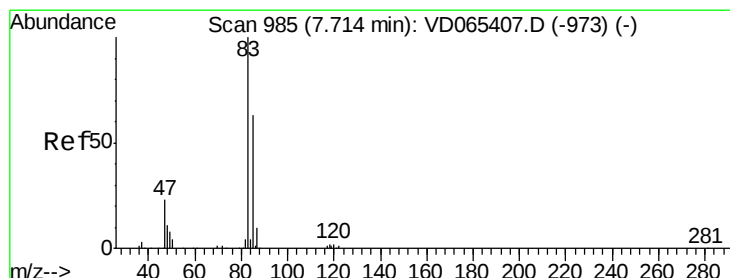
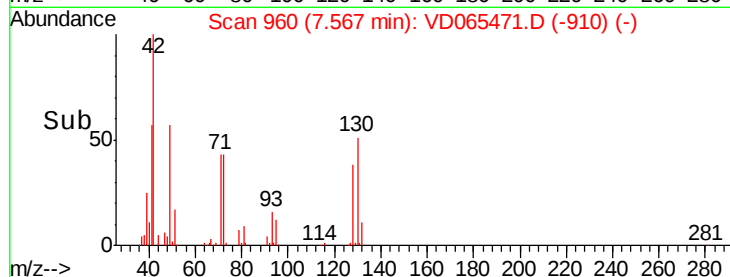
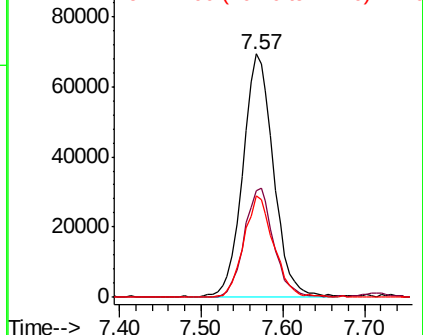
71 40.3 32.0 48.0



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 53.193 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065471.D

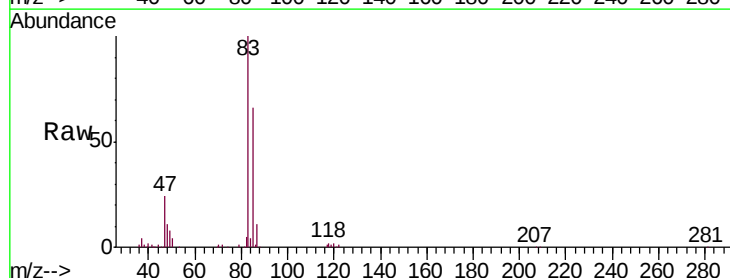
Acq: 10 Mar 2020 19:19

Tgt Ion: 83 Resp: 392882

Ion Ratio Lower Upper

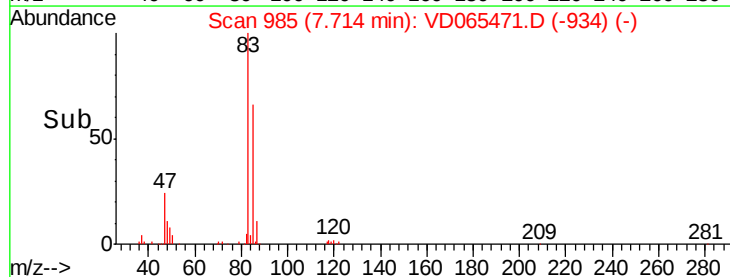
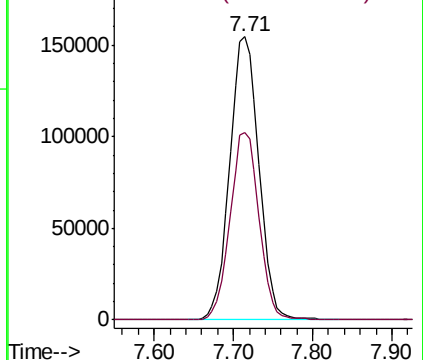
83 100

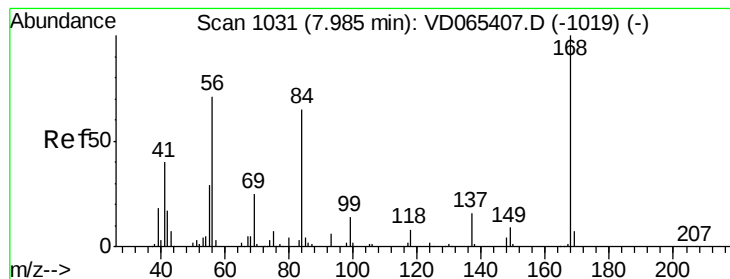
85 66.2 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 45.441 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

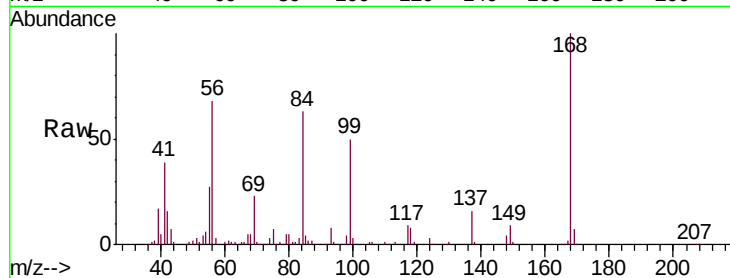
Tgt Ion: 56 Resp: 335762

Ion Ratio Lower Upper

56 100

69 34.1 28.3 42.5

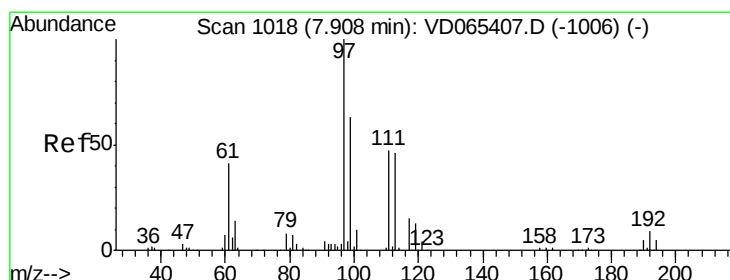
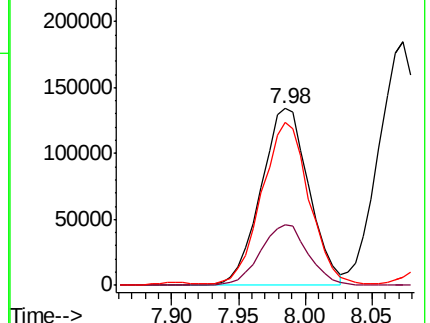
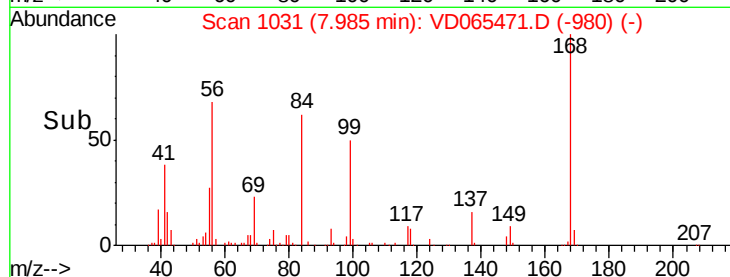
84 90.7 73.1 109.7



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 50.112 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

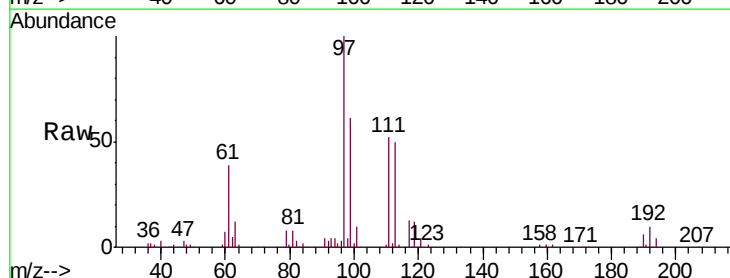
Tgt Ion: 97 Resp: 342043

Ion Ratio Lower Upper

97 100

99 63.5 50.9 76.3

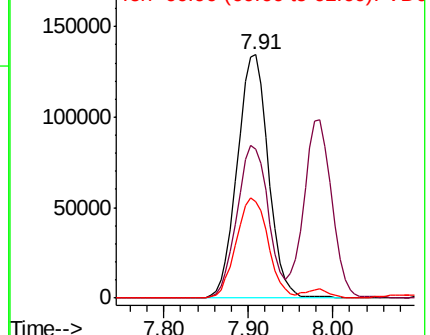
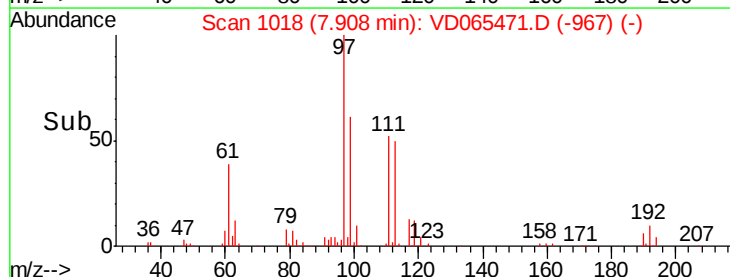
61 42.3 33.2 49.8

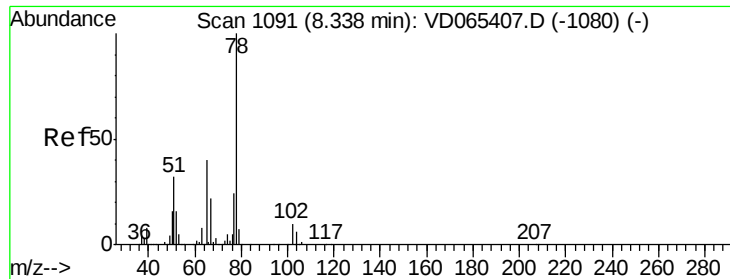


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

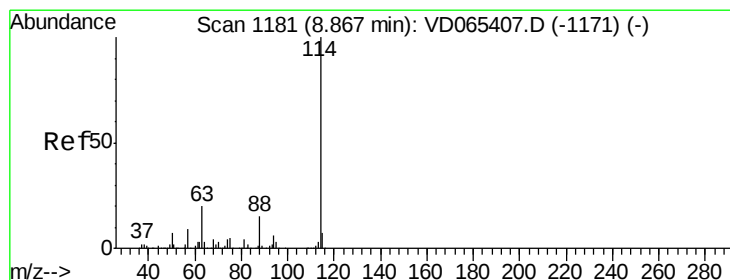
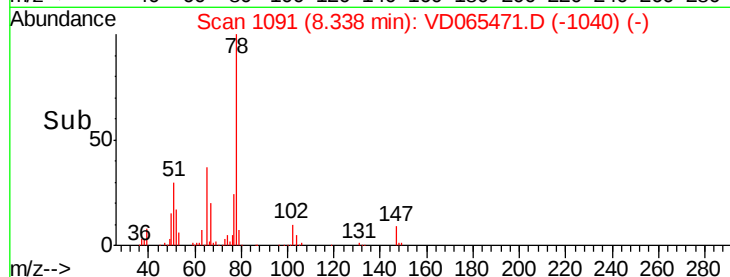
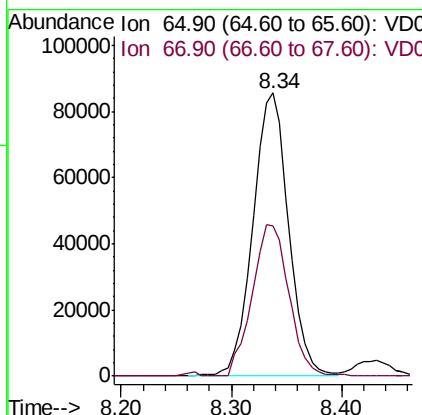
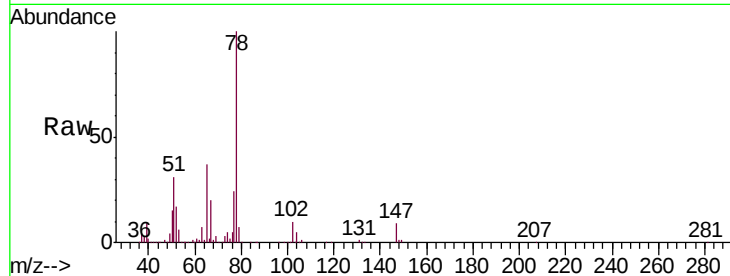




#33
 1,2-Dichloroethane-d4
 Concen: 51.932 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

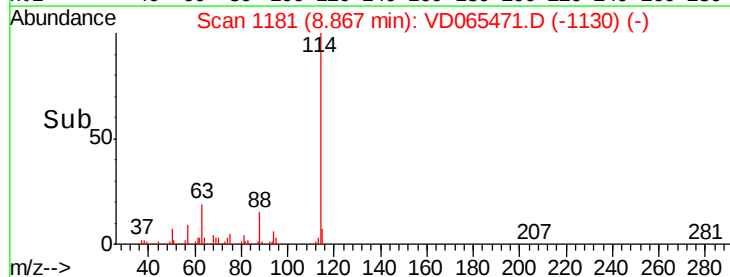
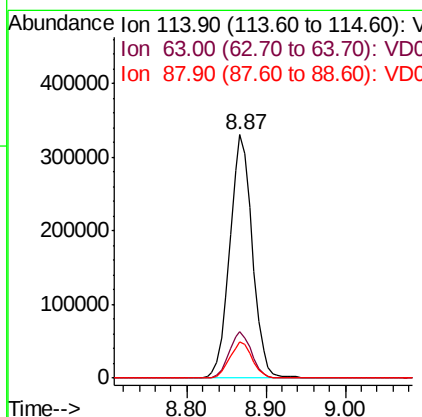
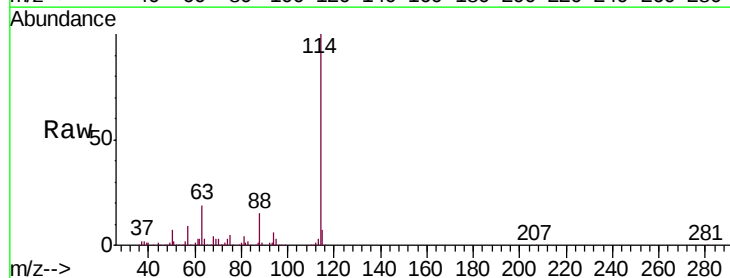
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 193241
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion: 114 Resp: 650187
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.6
 88 15.2 0.0 30.4

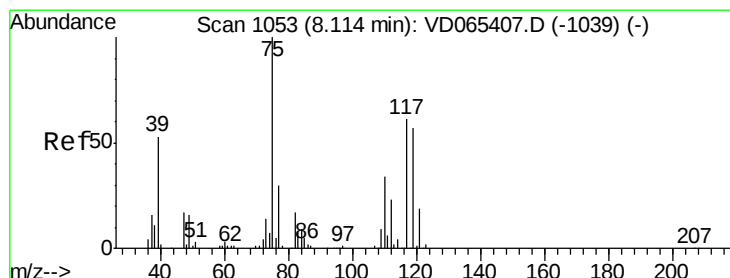
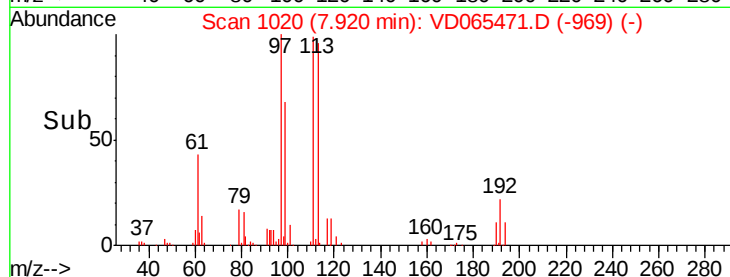
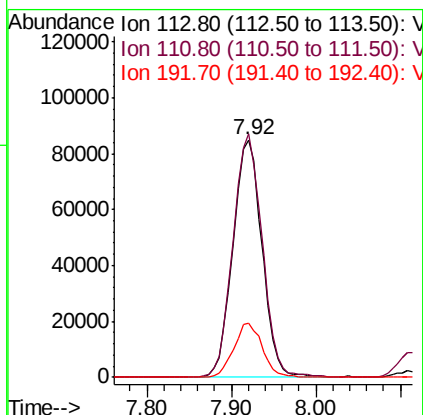
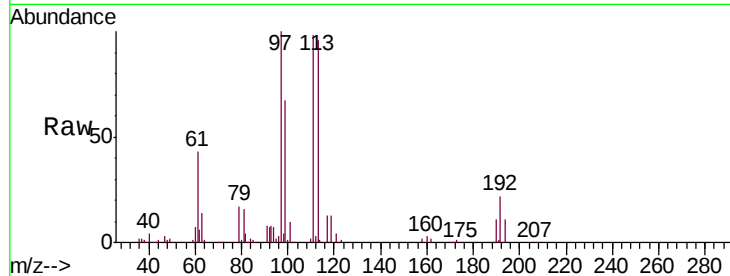




#35
Dibromofluoromethane
Concen: 50.256 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

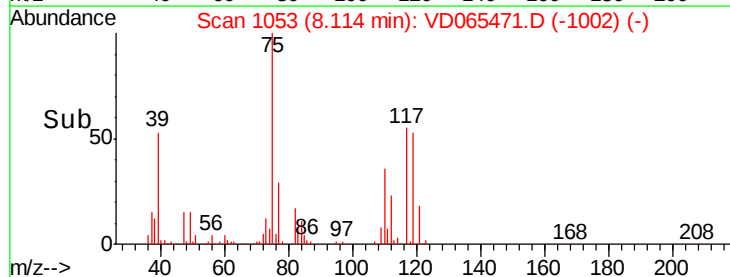
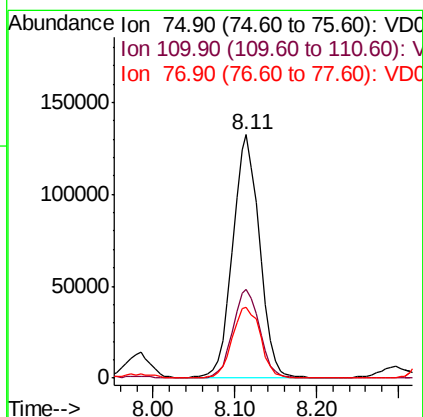
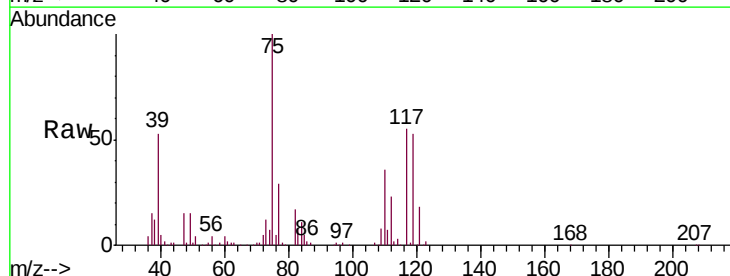
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

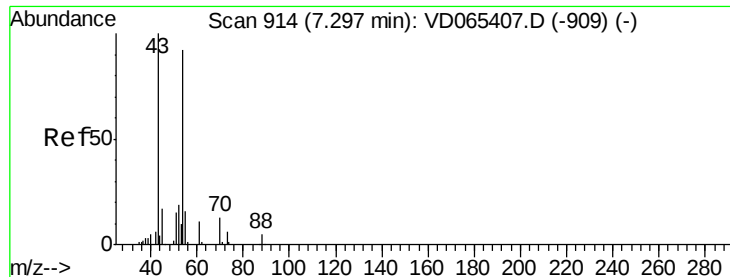
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.1	123.1
192	22.2	17.2	25.8



#36
1,1-Dichloropropene
Concen: 48.329 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.1
77	31.1	25.2	37.8

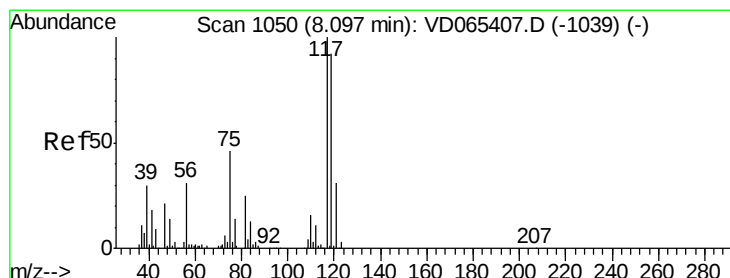
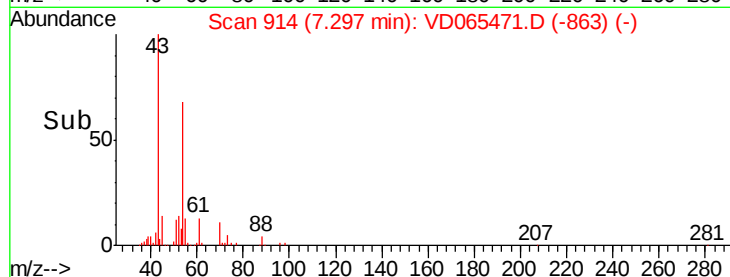
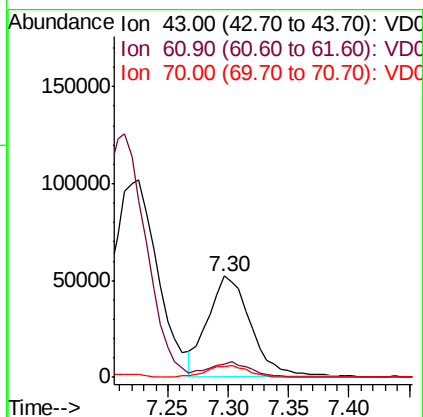
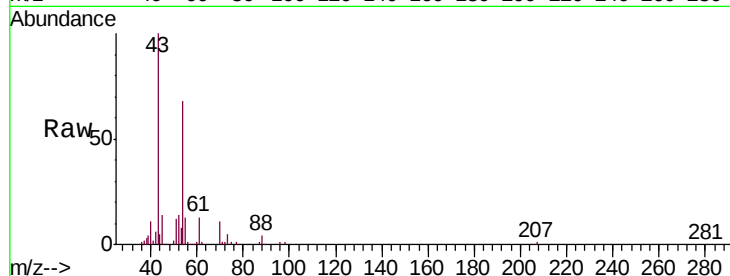




#37
Ethyl Acetate
Concen: 52.617 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

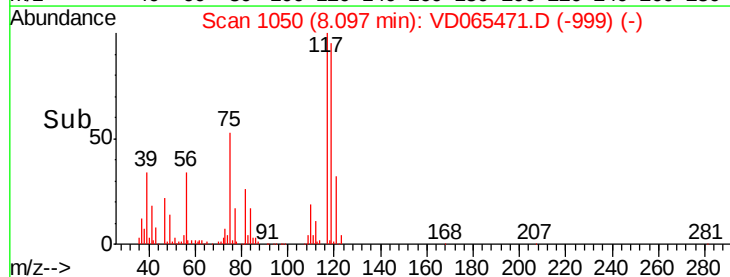
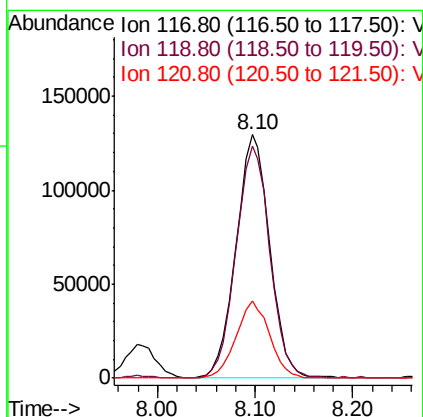
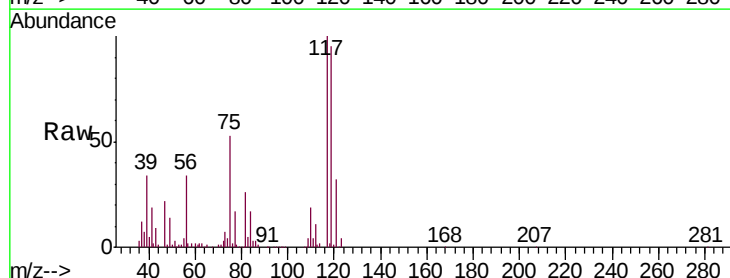
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

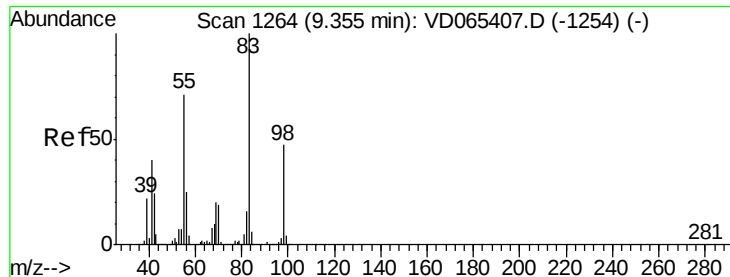
Tgt Ion: 43 Resp: 126751
Ion Ratio Lower Upper
43 100
61 13.8 11.4 17.0
70 11.6 9.0 13.4



#38
Carbon Tetrachloride
Concen: 47.943 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion: 117 Resp: 309847
Ion Ratio Lower Upper
117 100
119 95.7 73.3 109.9
121 31.7 25.0 37.4

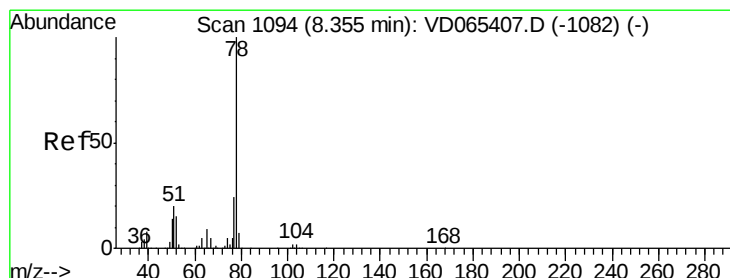
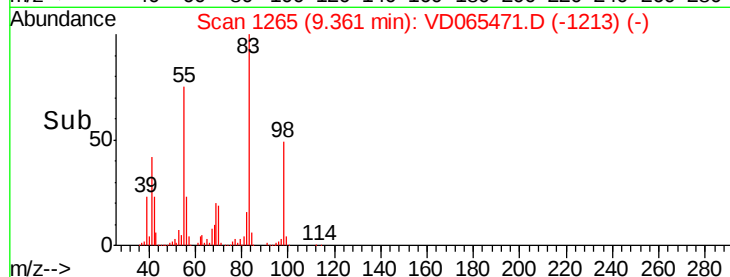
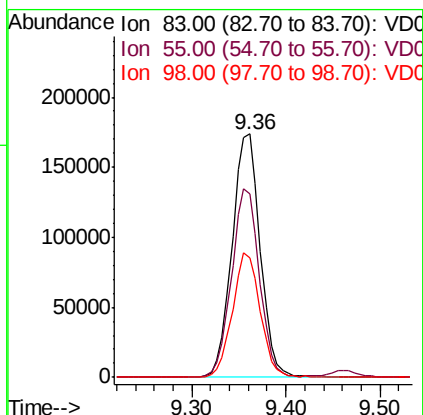
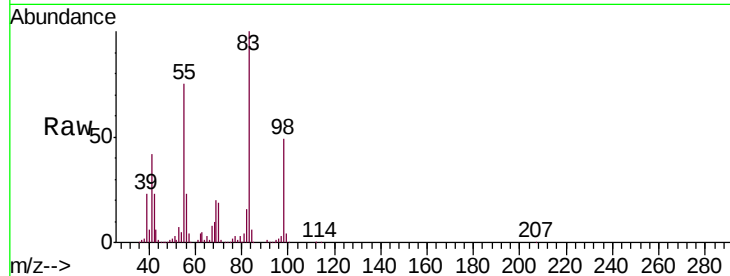




#39
Methylcyclohexane
Concen: 47.967 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

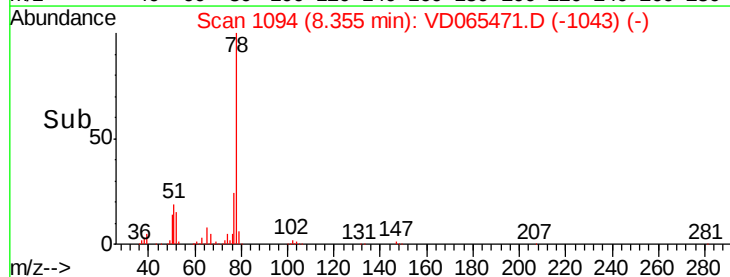
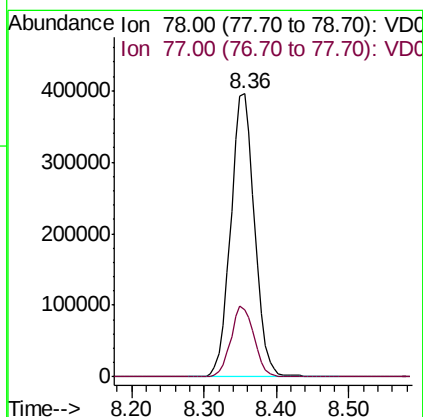
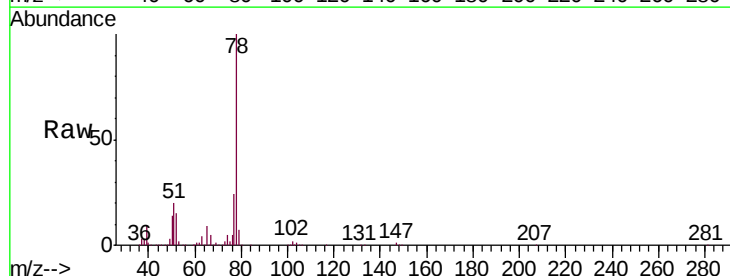
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

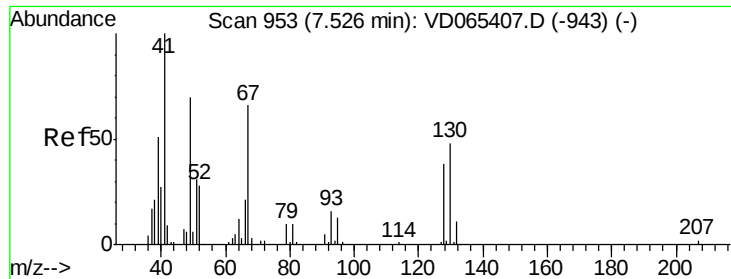
Tgt Ion: 83 Resp: 361073
Ion Ratio Lower Upper
83 100
55 75.1 57.1 85.7
98 49.2 37.8 56.8



#40
Benzene
Concen: 51.862 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion: 78 Resp: 903736
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

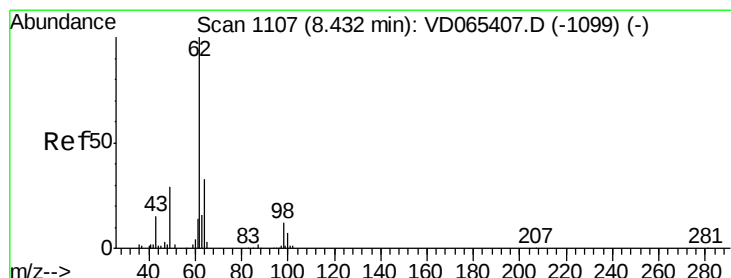
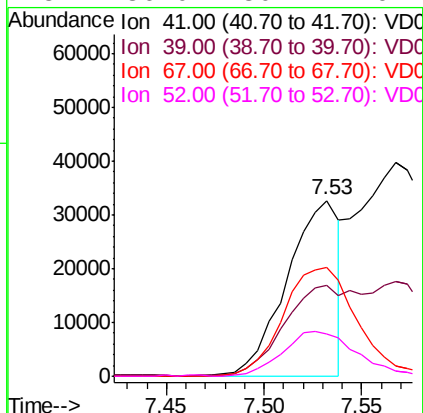
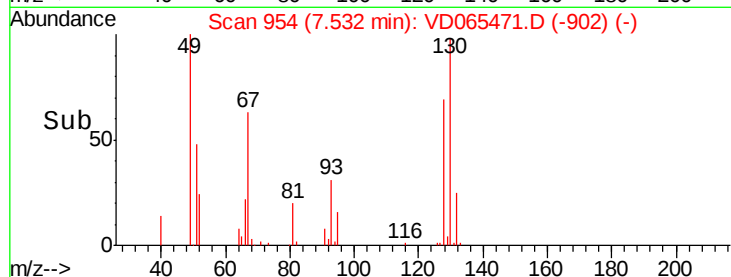
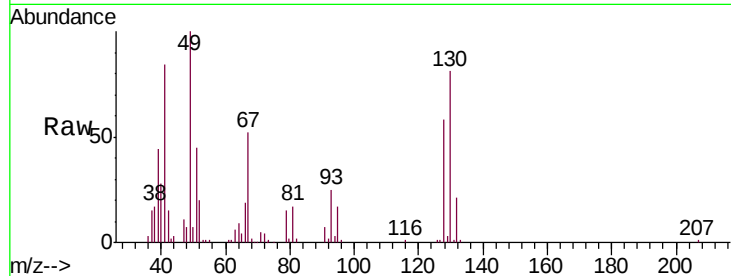




#41
Methacrylonitrile
Concen: 48.049 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

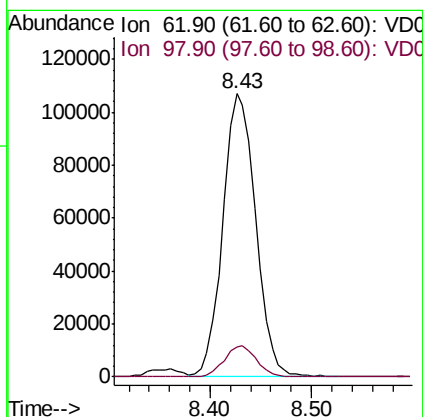
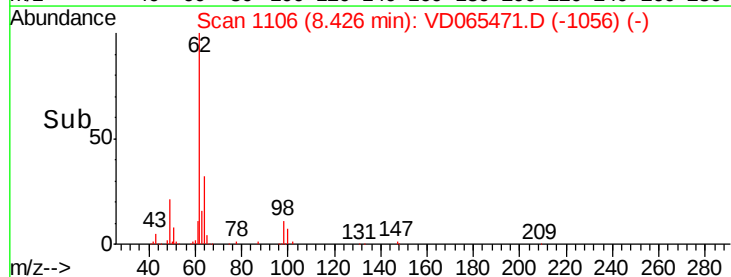
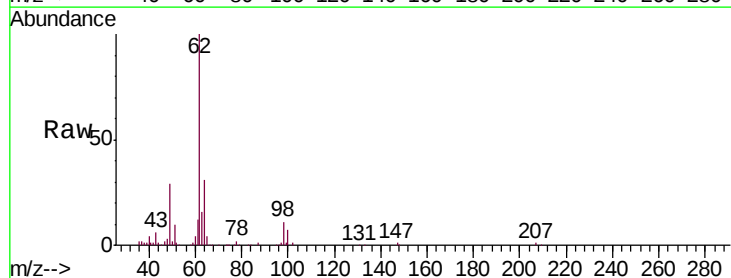
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

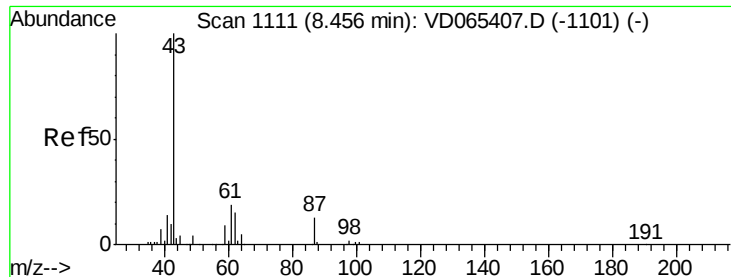
Tgt Ion:	41	Resp:	61213
Ion	Ratio	Lower	Upper
41	100		
39	72.4	55.0	82.6
67	86.6	70.3	105.5
52	36.0	30.7	46.1



#42
1,2-Dichloroethane
Concen: 52.540 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion:	62	Resp:	239072
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4

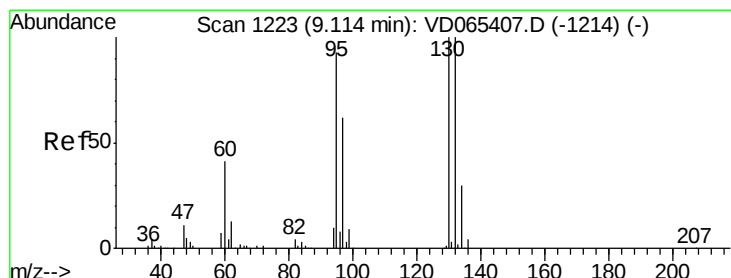
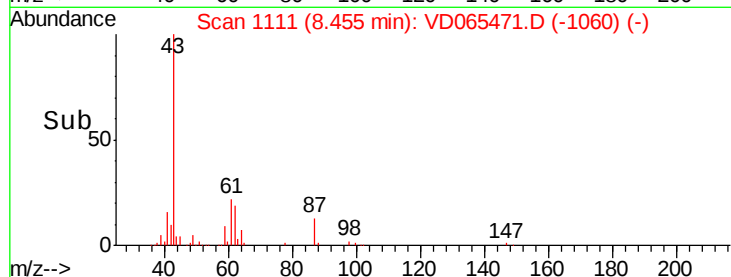
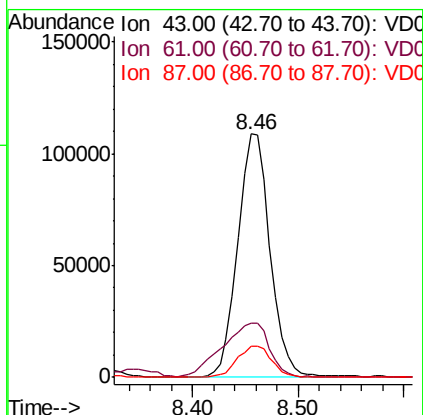
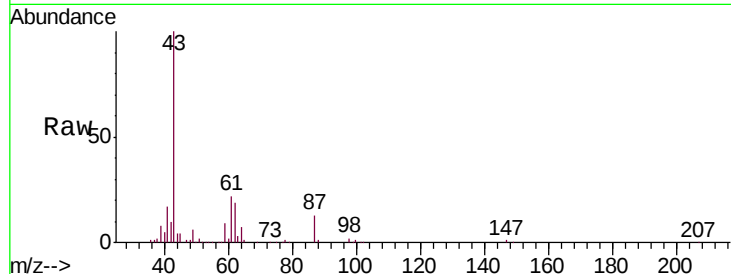




#43
Isopropyl Acetate
Concen: 51.701 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

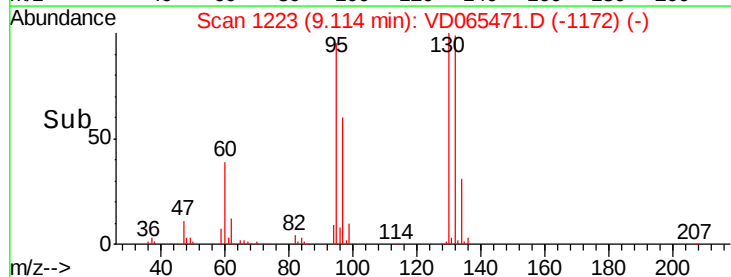
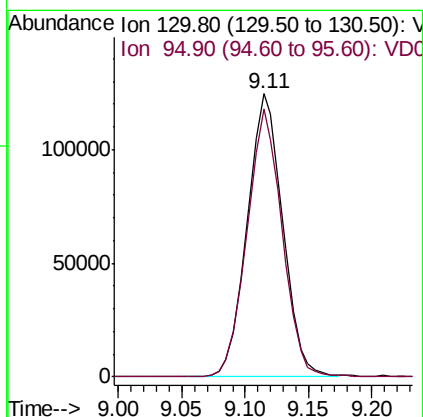
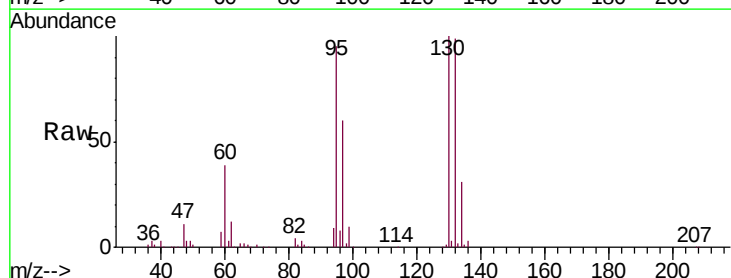
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

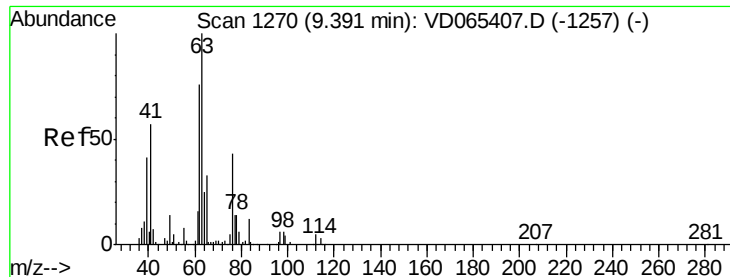
Tgt Ion: 43 Resp: 229963
Ion Ratio Lower Upper
43 100
61 32.9 25.0 37.6
87 13.9 11.0 16.4



#44
Trichloroethene
Concen: 49.337 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion: 130 Resp: 242793
Ion Ratio Lower Upper
130 100
95 94.6 0.0 186.0

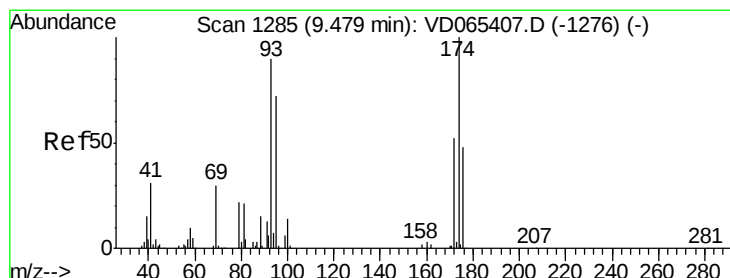
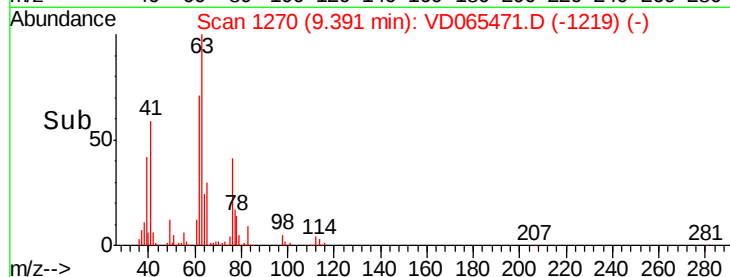
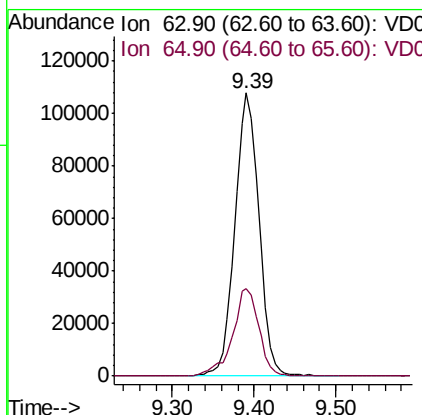
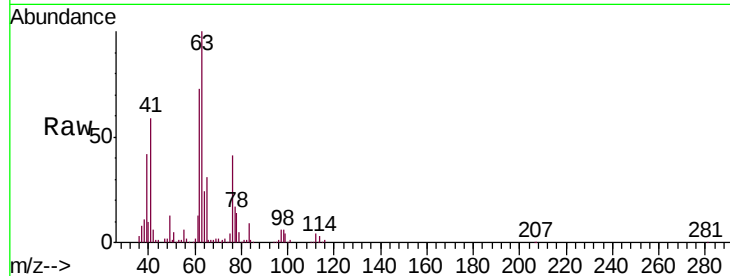




#45
 1,2-Dichloropropane
 Concen: 52.441 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

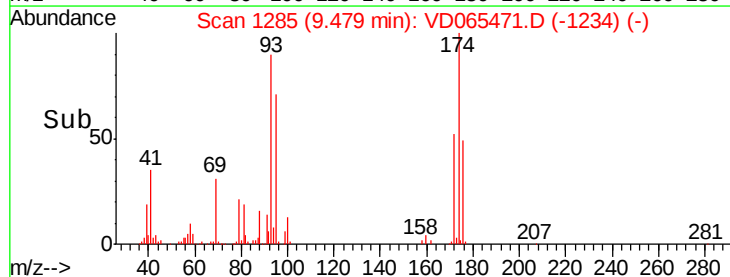
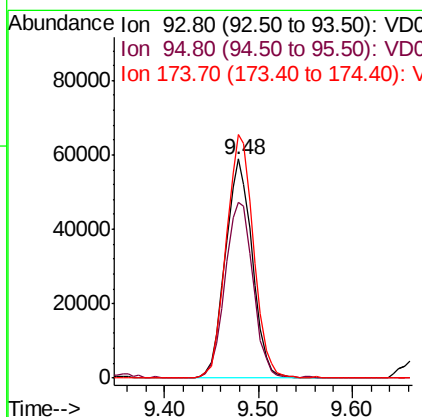
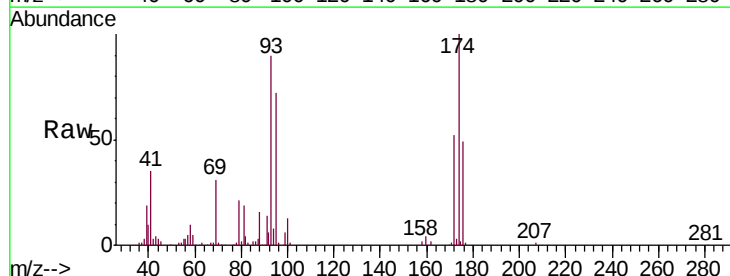
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

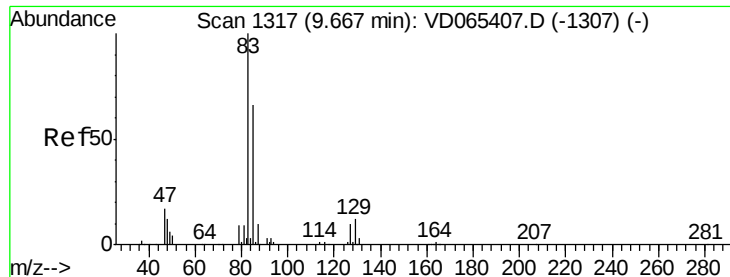
Tgt Ion: 63 Resp: 221355
 Ion Ratio Lower Upper
 63 100
 65 30.7 26.4 39.6



#46
 Dibromomethane
 Concen: 53.480 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion: 93 Resp: 117093
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.0 97.6
 174 112.7 88.3 132.5





#47

Bromodichloromethane

Concen: 53.163 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

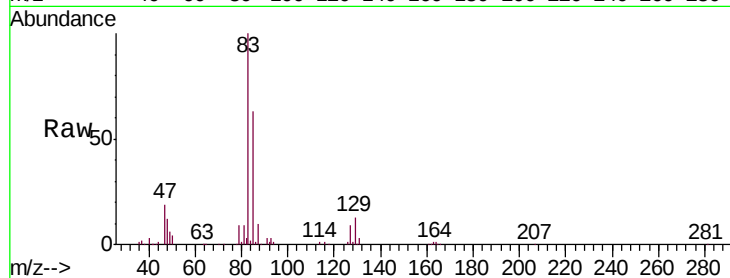
Tgt Ion: 83 Resp: 302821

Ion Ratio Lower Upper

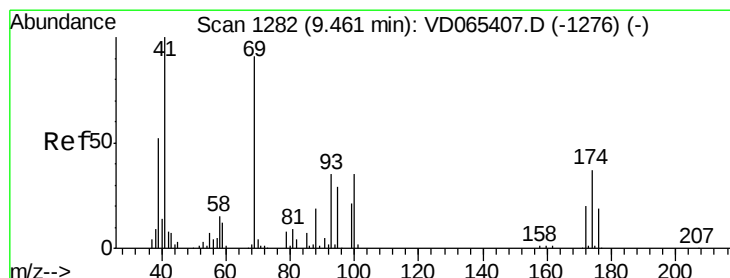
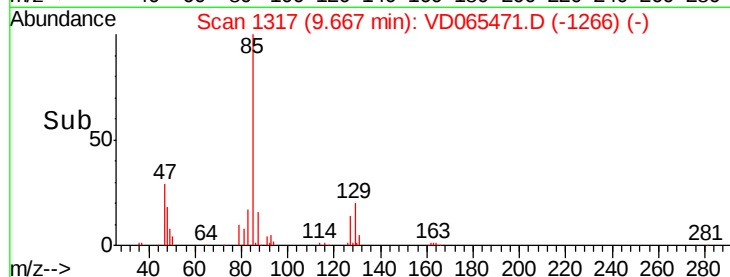
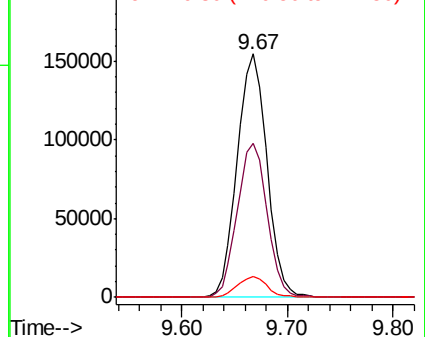
83 100

85 63.0 52.8 79.2

127 8.8 8.0 12.0



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 53.368 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

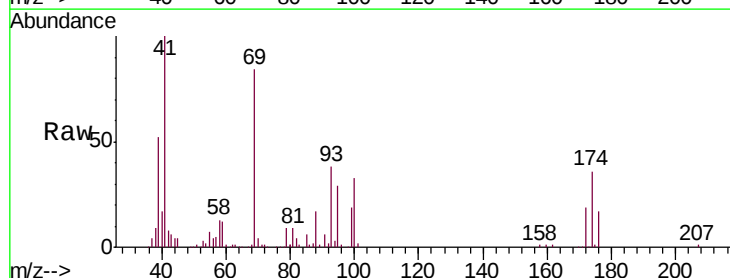
Tgt Ion: 41 Resp: 111660

Ion Ratio Lower Upper

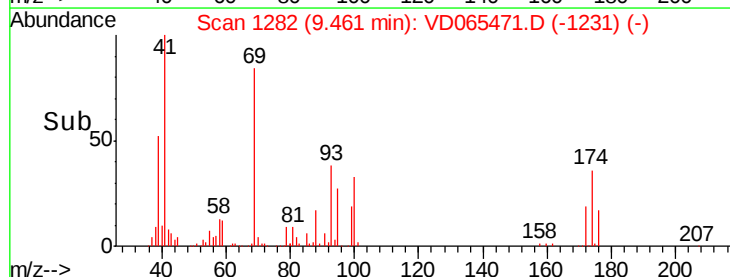
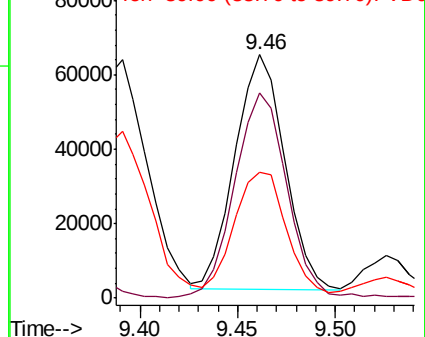
41 100

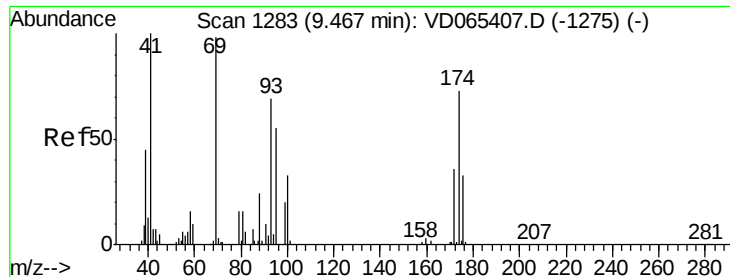
69 91.8 72.5 108.7

39 52.3 41.6 62.4



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





#49

1,4-Dioxane

Concen: 1095.286 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

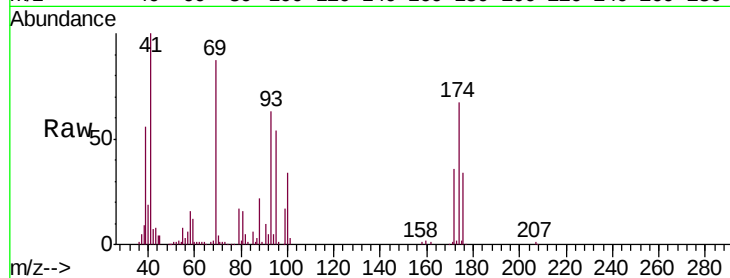
Tgt Ion: 88 Resp: 27431

Ion Ratio Lower Upper

88 100

43 29.4 24.5 36.7

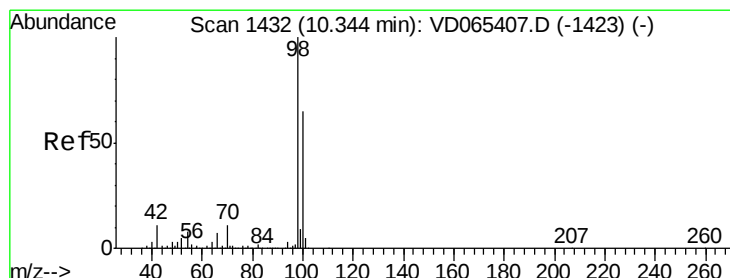
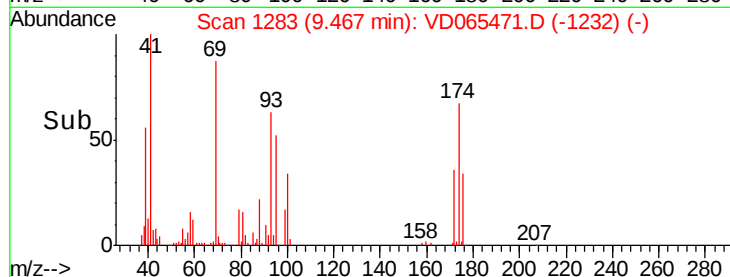
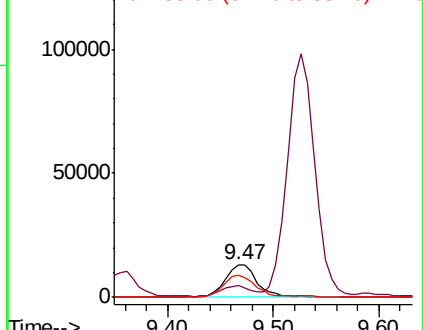
58 70.0 54.5 81.7



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 49.855 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065471.D

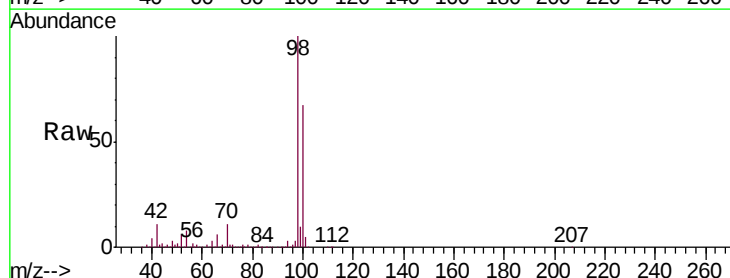
Acq: 10 Mar 2020 19:19

Tgt Ion: 98 Resp: 769031

Ion Ratio Lower Upper

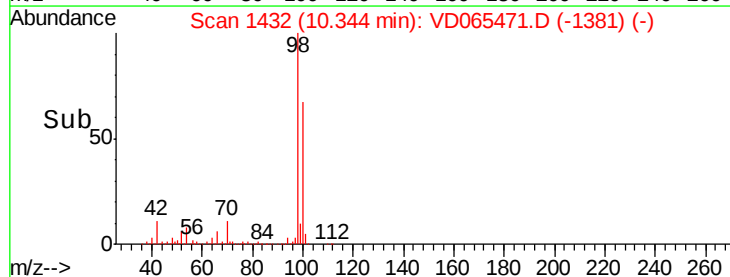
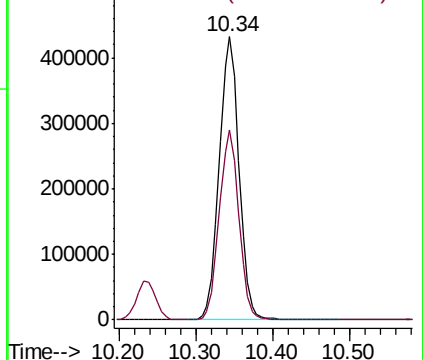
98 100

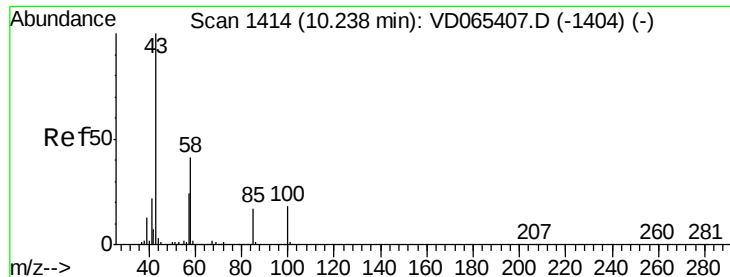
100 66.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

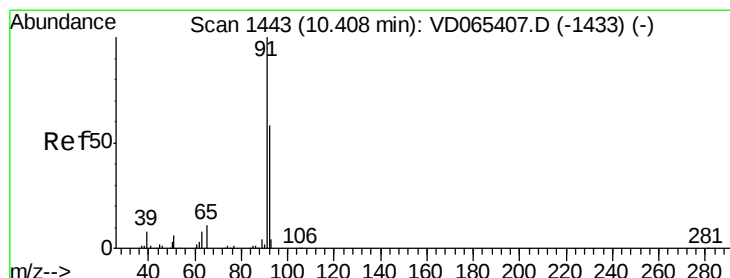
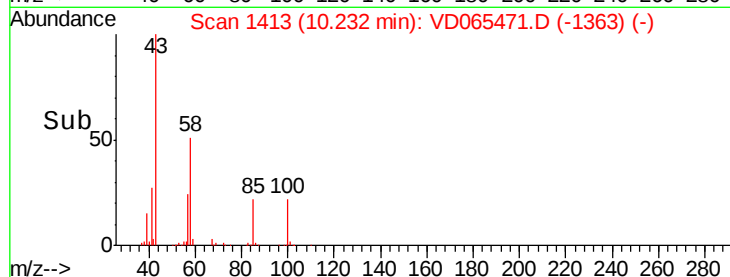
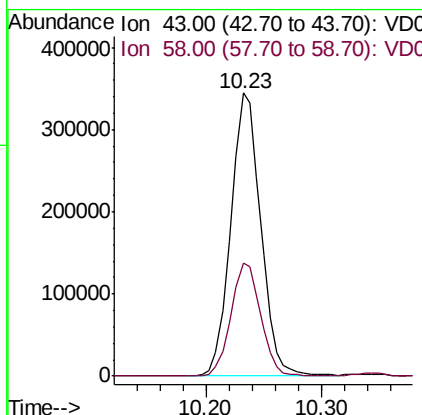
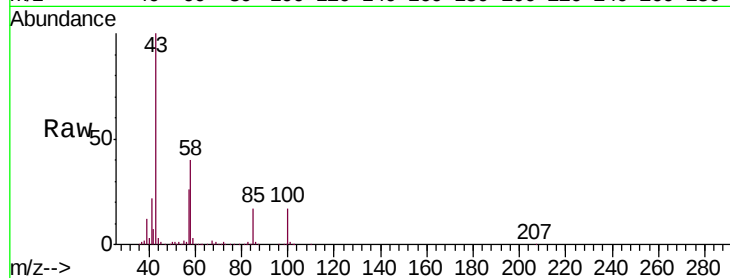




#51
 4-Methyl-2-Pentanone
 Concen: 277.243 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

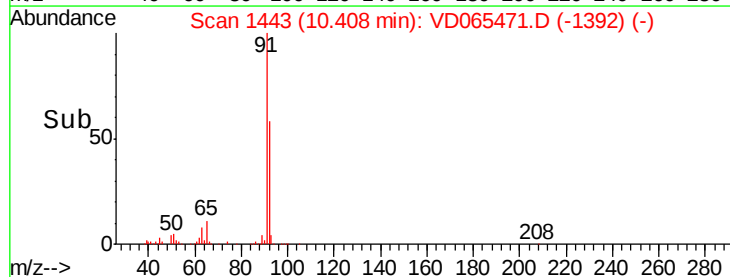
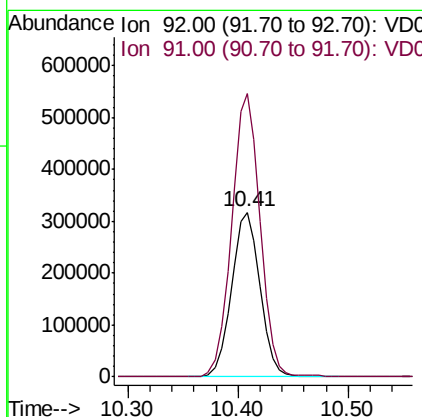
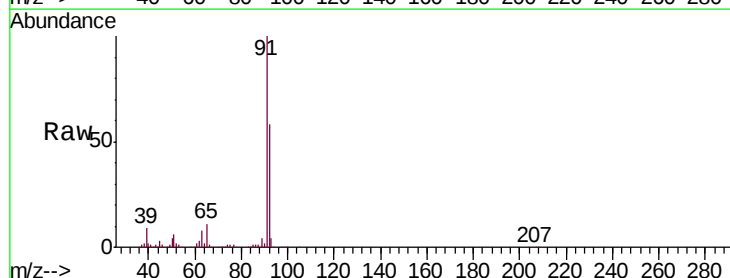
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

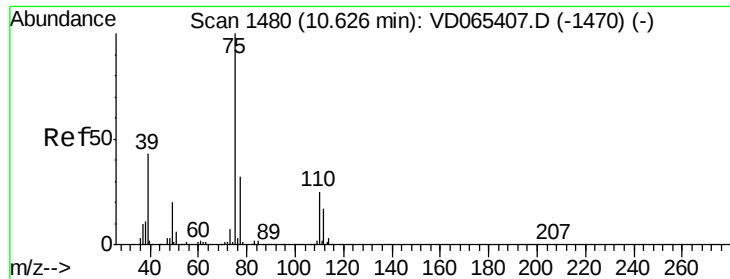
Tgt Ion: 43 Resp: 620554
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.8 47.6



#52
 Toluene
 Concen: 52.308 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion: 92 Resp: 574214
 Ion Ratio Lower Upper
 92 100
 91 172.0 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 53.290 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

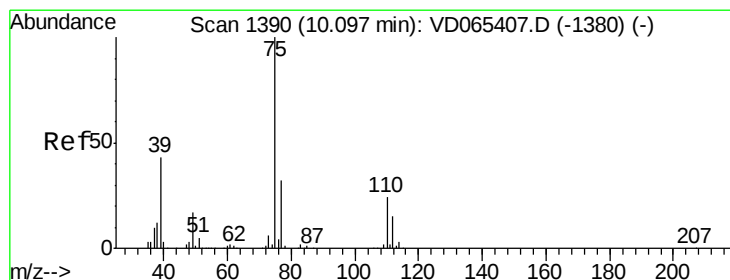
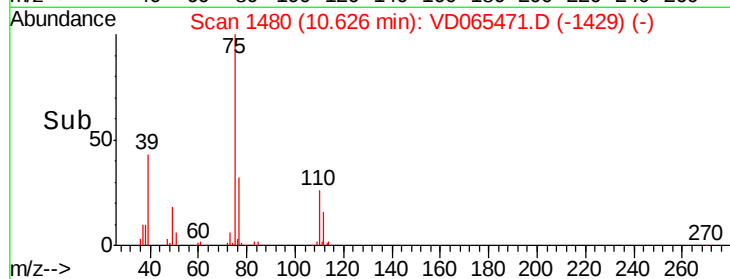
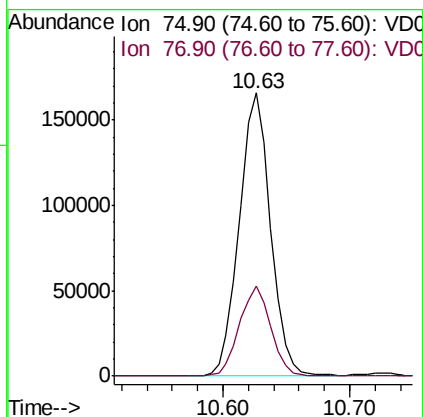
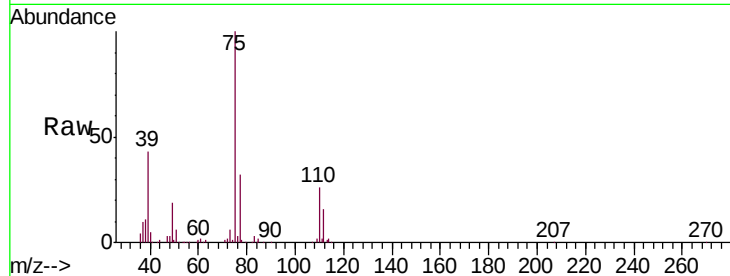
VSTDCCC050EC

Tgt Ion: 75 Resp: 283668

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 53.889 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

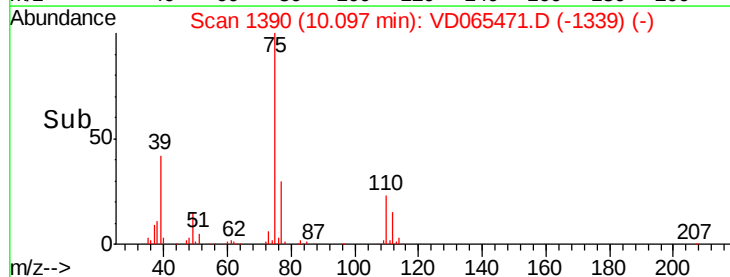
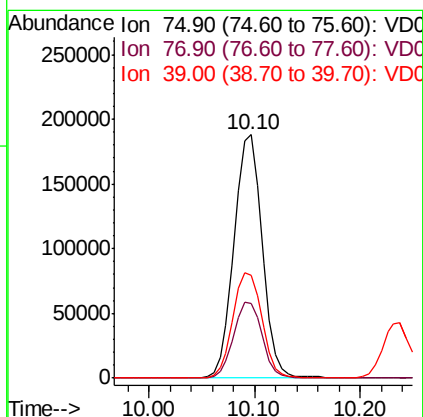
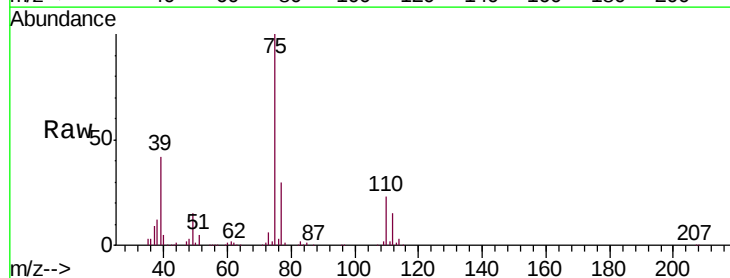
Tgt Ion: 75 Resp: 347217

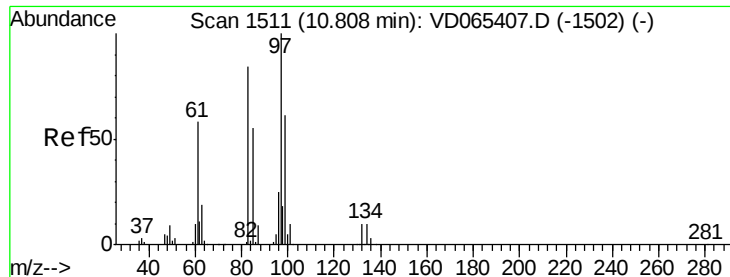
Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9

39 42.4 34.6 52.0

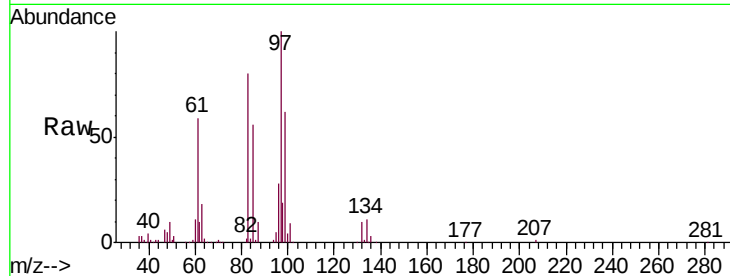




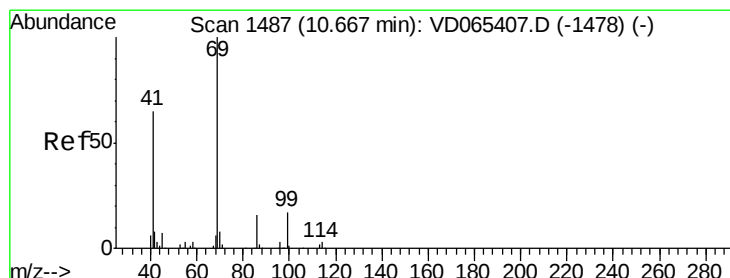
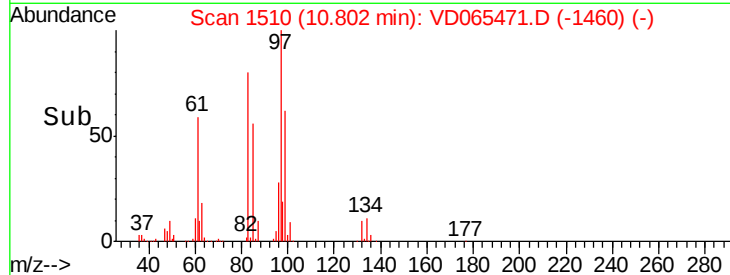
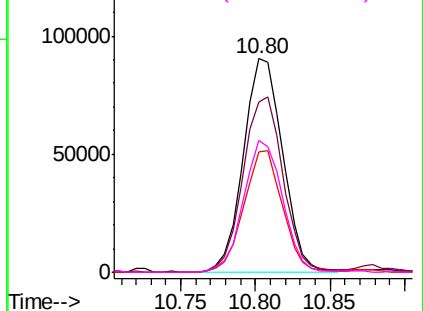
#55
 1,1,2-Trichloroethane
 Concen: 53.224 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	165050
Ion	Ratio	Lower	Upper
97	100		
83	79.5	67.4	101.0
85	56.2	43.8	65.8
99	61.9	48.8	73.2

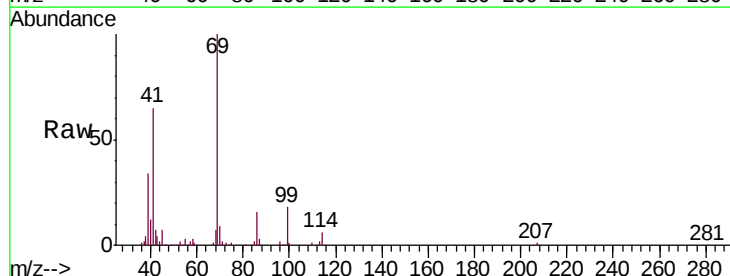


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

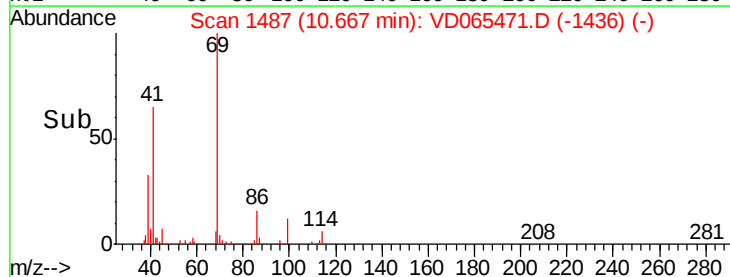
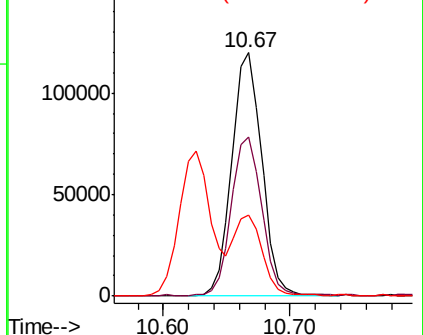


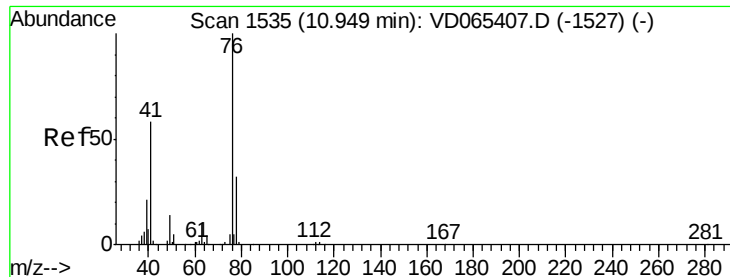
#56
 Ethyl methacrylate
 Concen: 56.400 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion:	69	Resp:	197172
Ion	Ratio	Lower	Upper
69	100		
41	65.4	53.0	79.6
39	31.6	26.0	39.0



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





#57

1,3-Dichloropropane

Concen: 53.207 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

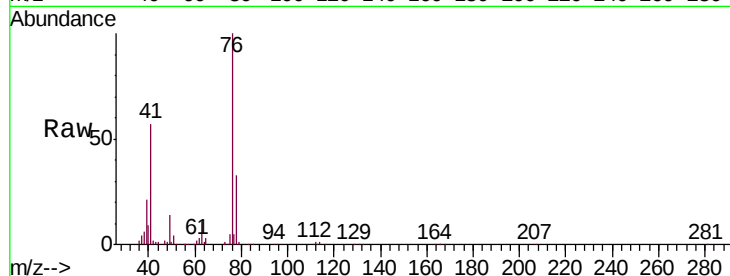
VSTDCCC050EC

Tgt Ion: 76 Resp: 279174

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

150000

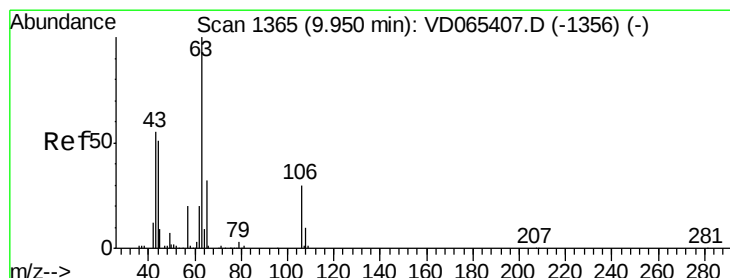
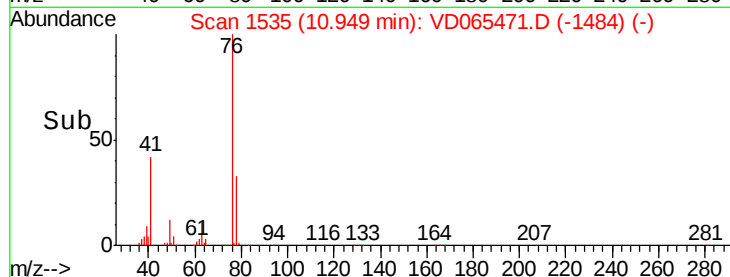
100000

50000

0

Time-->

10.90 11.00 11.10



#58

2-Chloroethyl Vinyl ether

Concen: 244.126 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065471.D

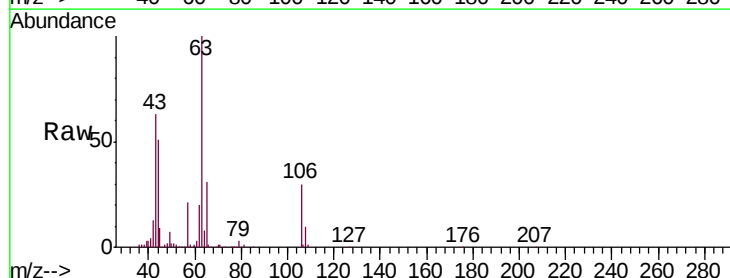
Acq: 10 Mar 2020 19:19

Tgt Ion: 63 Resp: 266686

Ion Ratio Lower Upper

63 100

106 29.9 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

9.95

150000

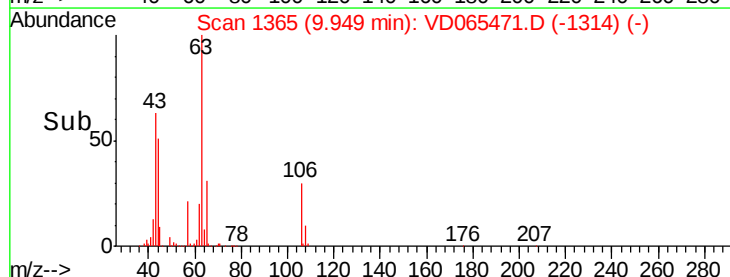
100000

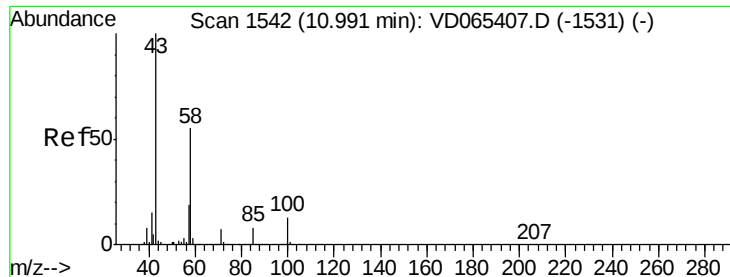
50000

0

Time-->

9.90 10.00

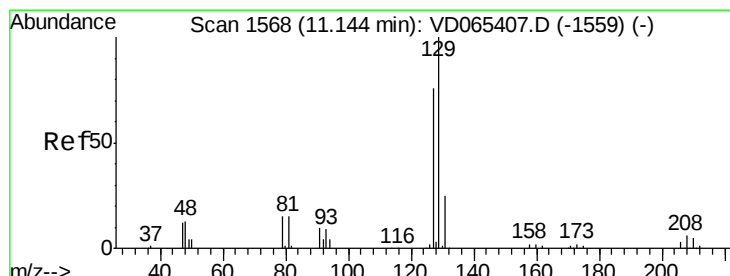
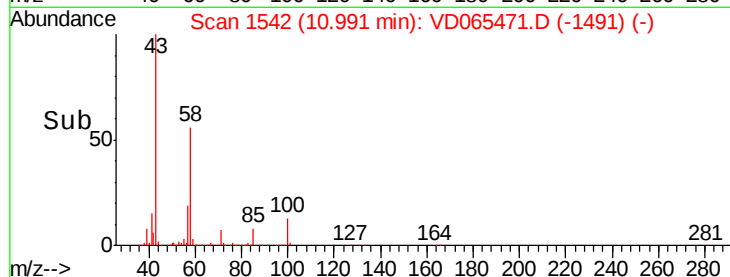
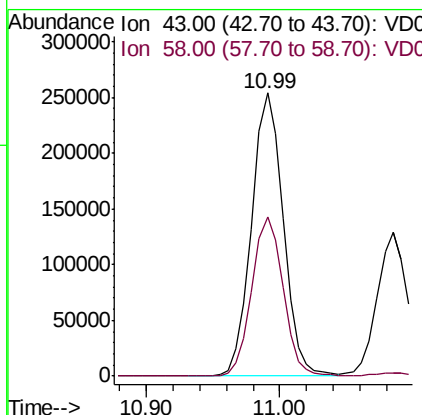
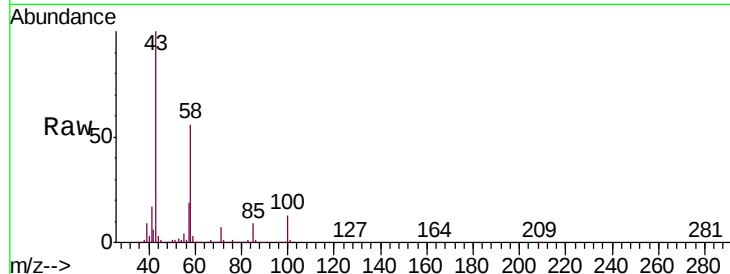




#59
2-Hexanone
Concen: 268.836 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

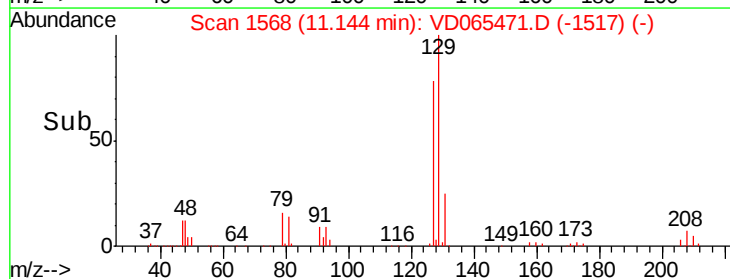
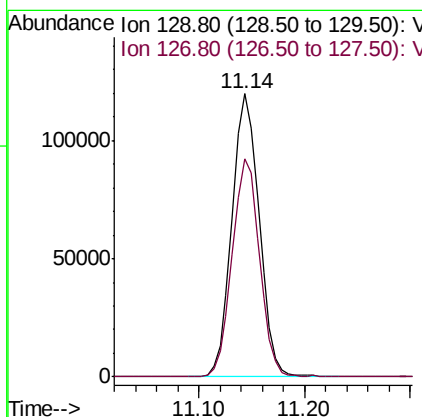
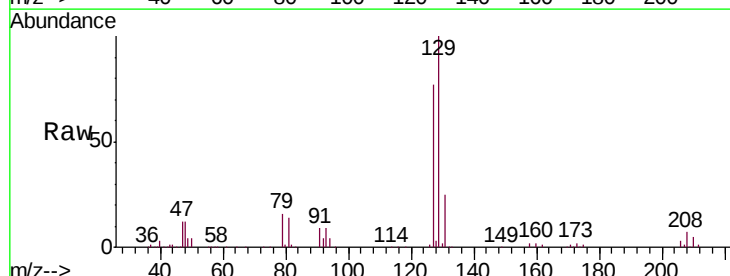
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

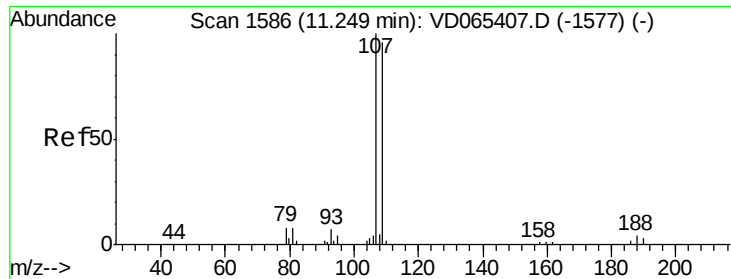
Tgt Ion: 43 Resp: 416547
Ion Ratio Lower Upper
43 100
58 55.7 27.4 82.2



#60
Dibromochloromethane
Concen: 53.814 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion: 129 Resp: 213915
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

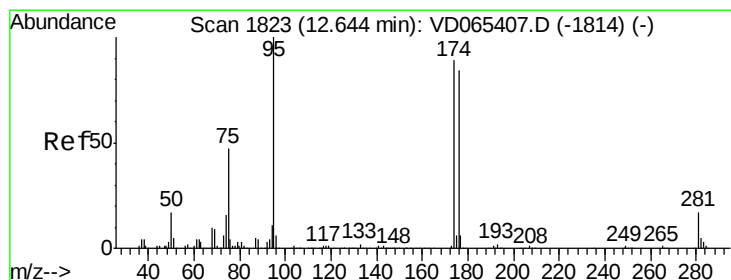
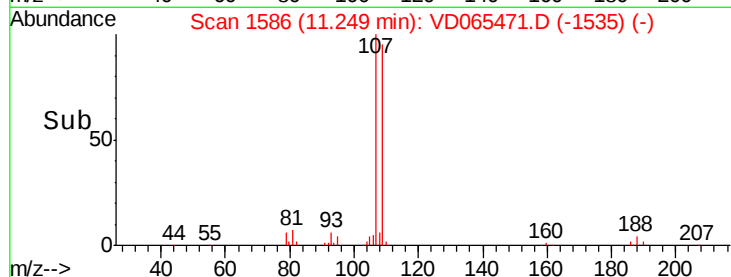
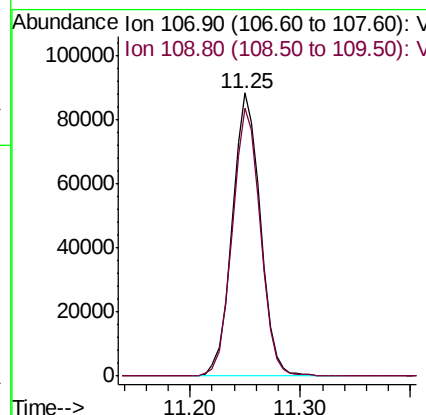
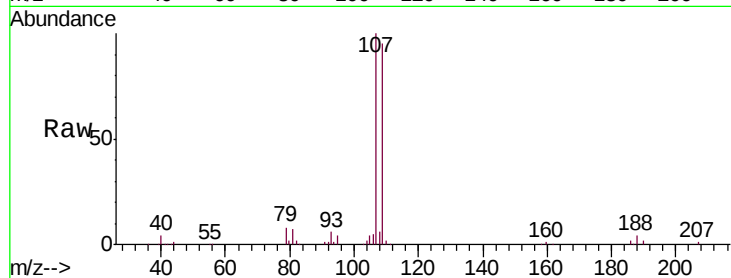




#61
 1,2-Dibromoethane
 Concen: 53.128 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

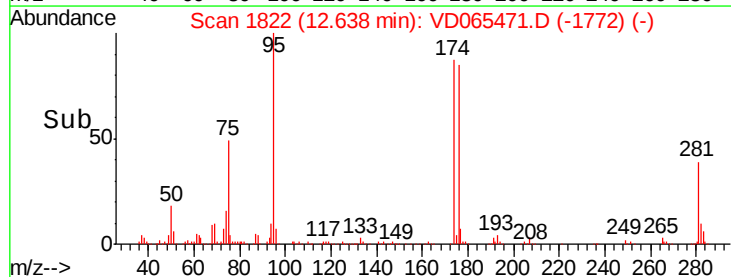
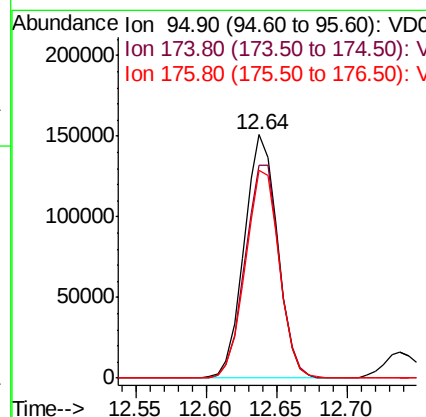
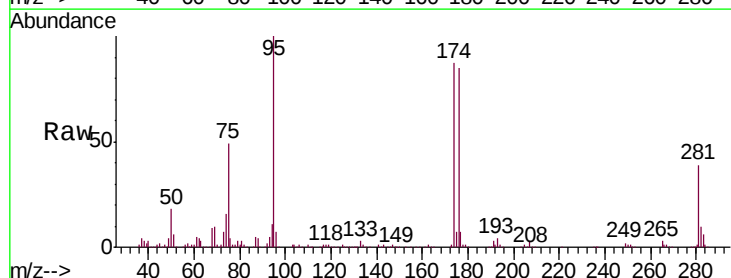
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 157150
 Ion Ratio Lower Upper
 107 100
 109 94.8 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 52.454 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion: 95 Resp: 249779
 Ion Ratio Lower Upper
 95 100
 174 90.0 0.0 176.8
 176 86.9 0.0 171.4

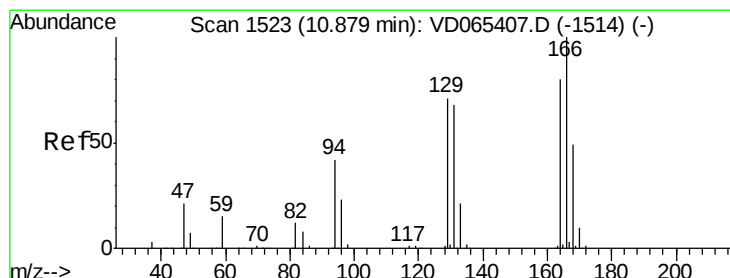
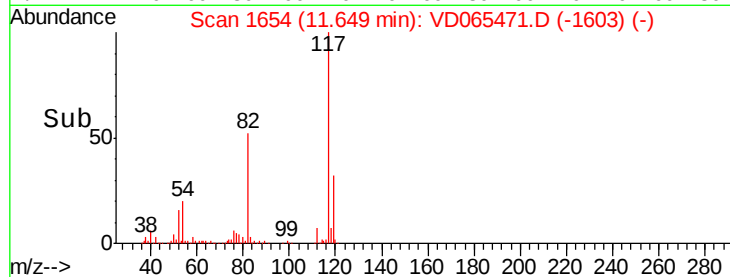
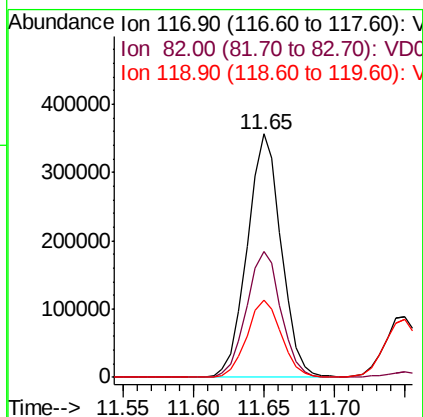
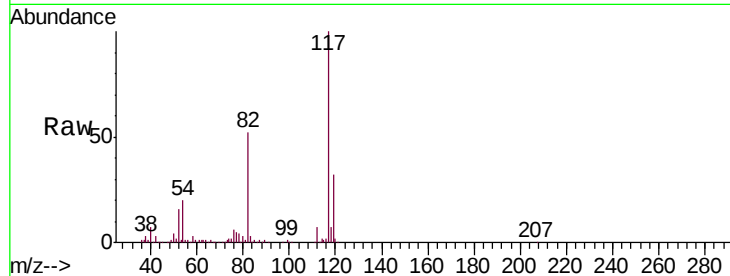




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

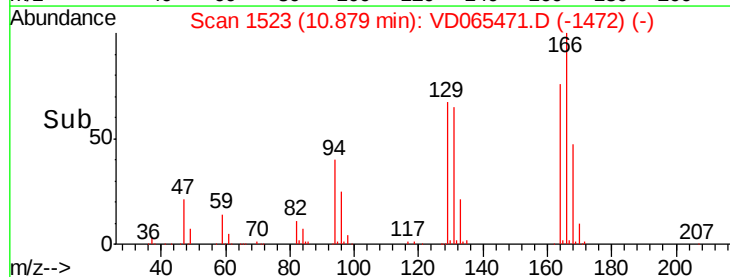
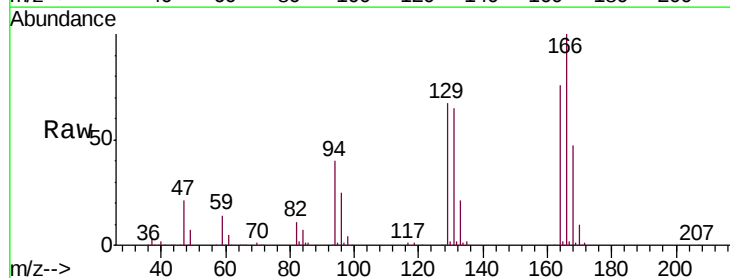
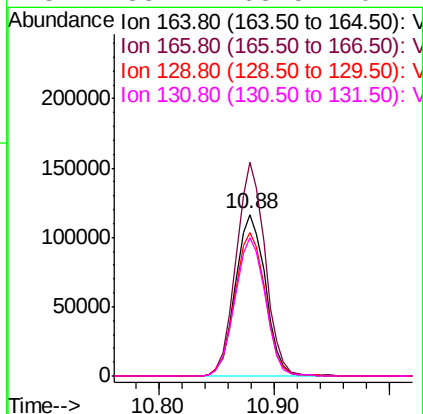
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

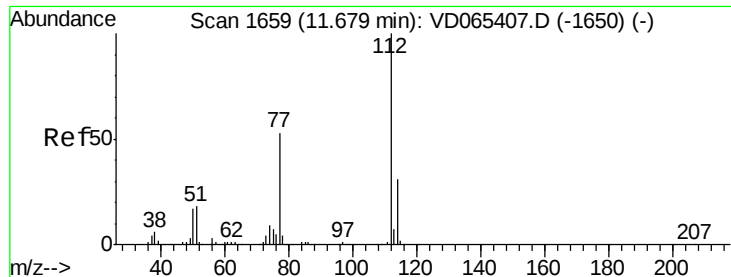
Tgt Ion:117 Resp: 603567
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 31.9 25.4 38.2



#64
Tetrachloroethene
Concen: 48.439 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion:164 Resp: 209495
Ion Ratio Lower Upper
164 100
166 132.3 100.5 150.7
129 88.9 71.5 107.3
131 85.7 68.5 102.7

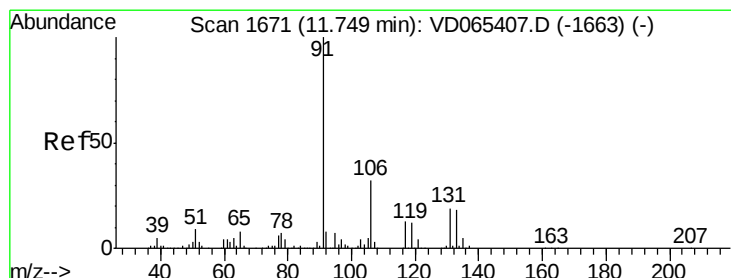
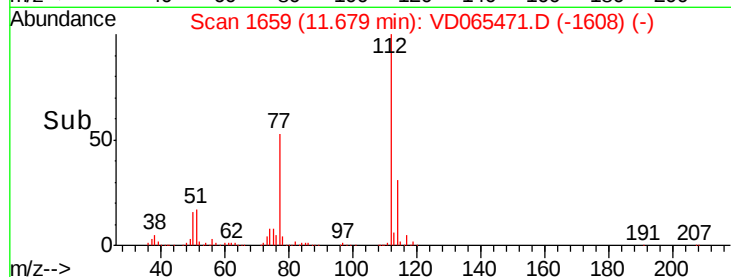
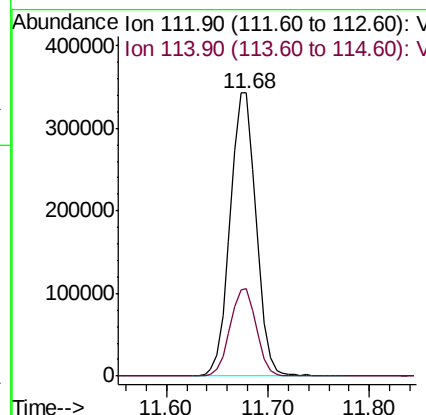
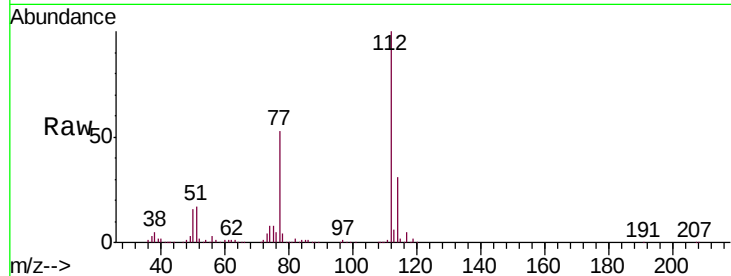




#65
Chlorobenzene
Concen: 51.016 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

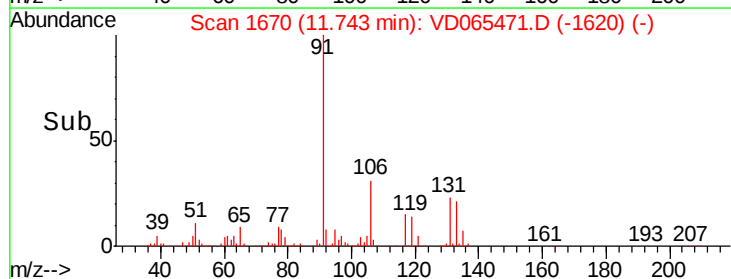
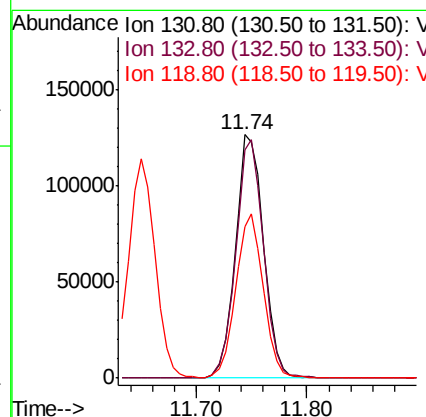
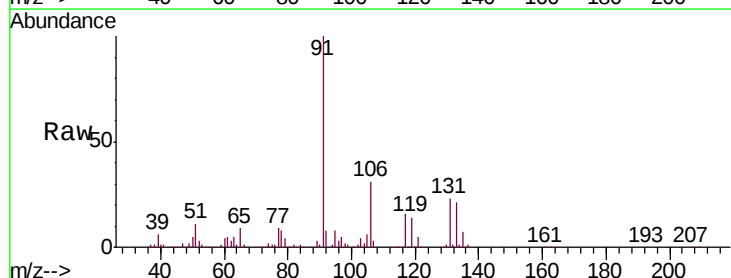
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

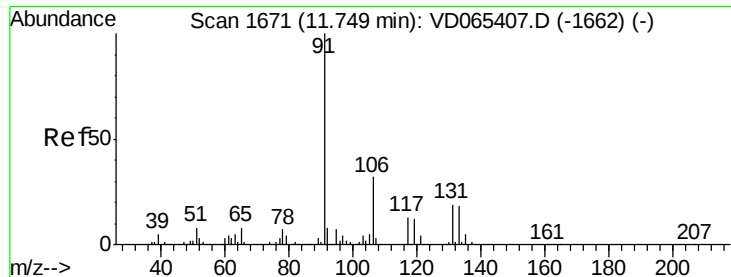
Tgt Ion:112 Resp: 609338
Ion Ratio Lower Upper
112 100
114 30.9 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.901 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion:131 Resp: 225768
Ion Ratio Lower Upper
131 100
133 96.4 49.2 147.6
119 66.1 33.3 99.8

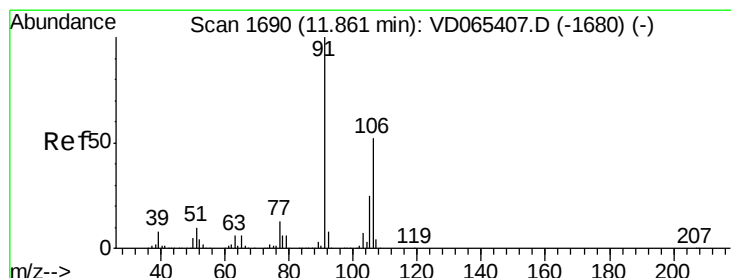
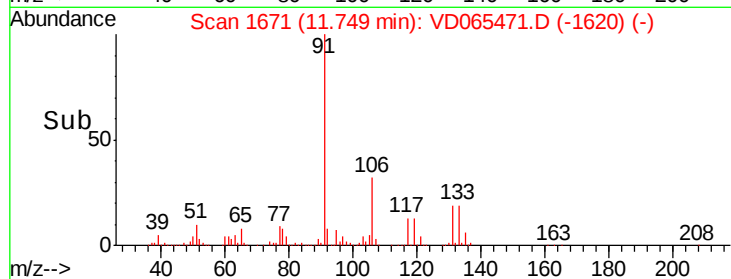
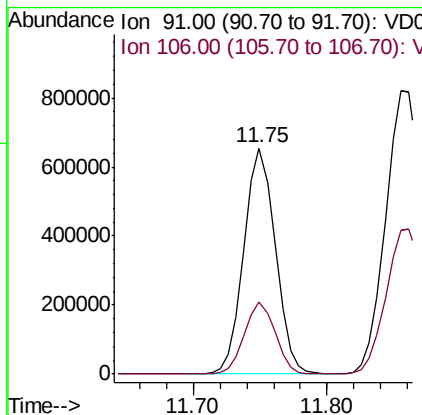
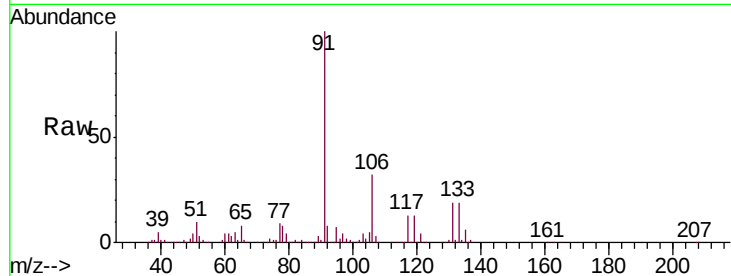




#67
Ethyl Benzene
Concen: 51.733 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

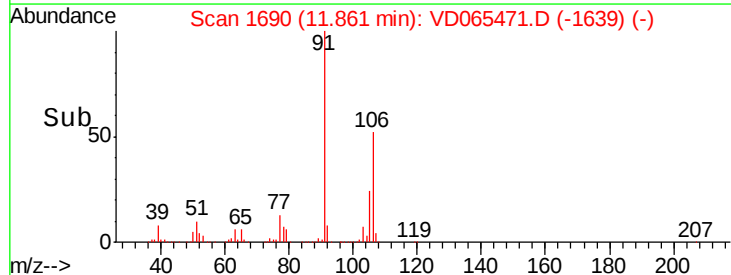
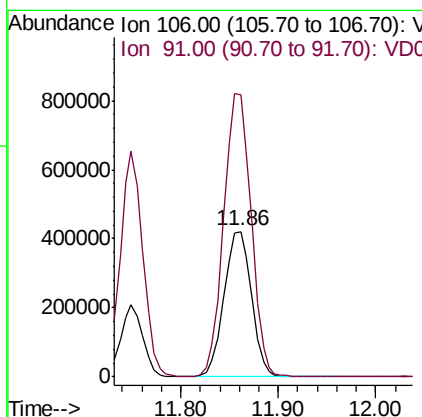
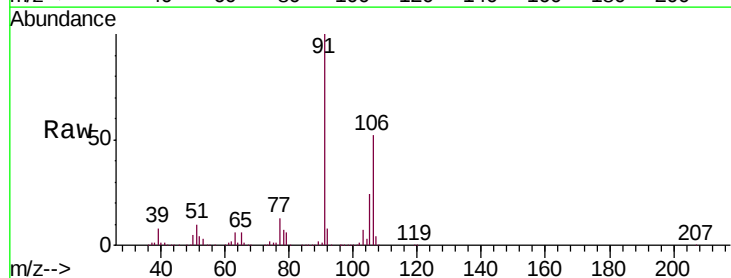
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

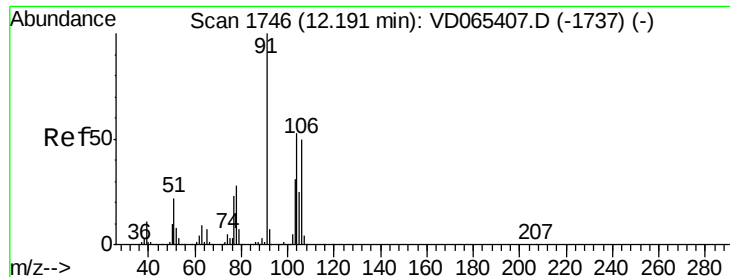
Tgt Ion: 91 Resp: 1067654
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8



#68
m/p-Xylenes
Concen: 103.097 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion: 106 Resp: 820414
Ion Ratio Lower Upper
106 100
91 195.4 155.9 233.9

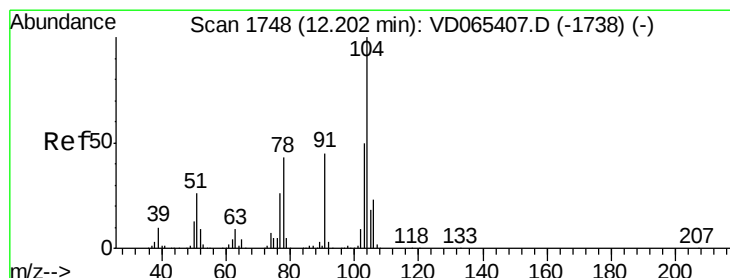
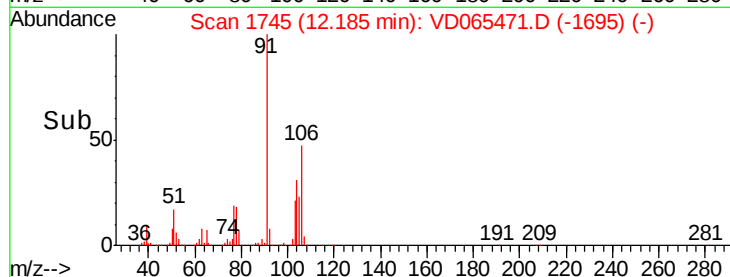
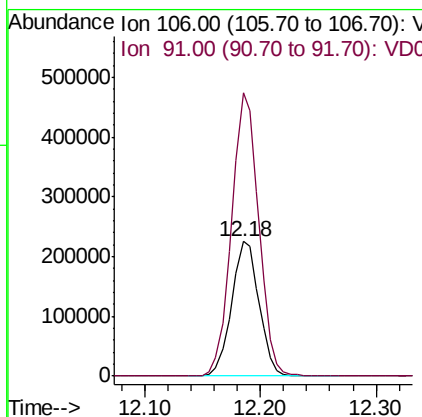
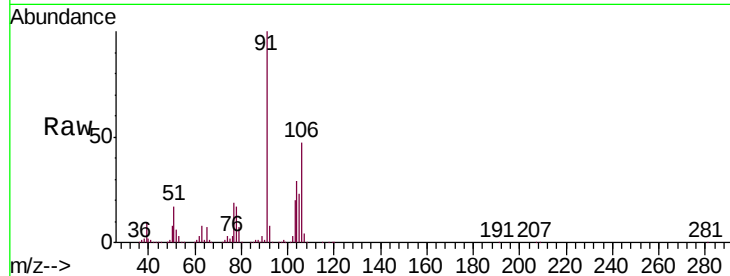




#69
o-Xylene
Concen: 52.904 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

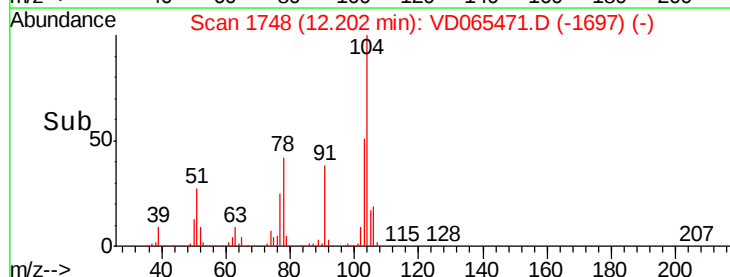
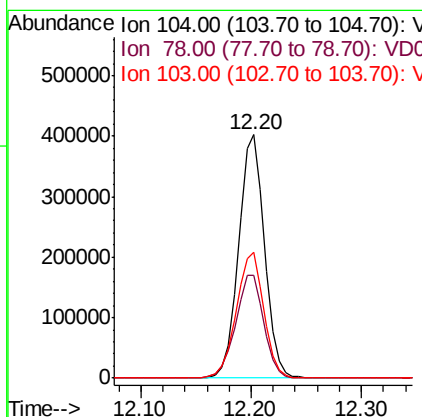
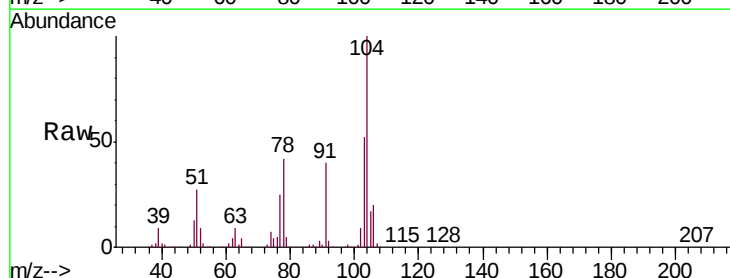
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

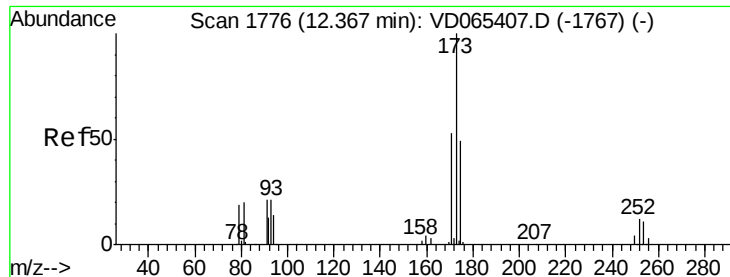
Tgt Ion:106 Resp: 370321
Ion Ratio Lower Upper
106 100
91 208.2 103.5 310.3



#70
Styrene
Concen: 53.683 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion:104 Resp: 661340
Ion Ratio Lower Upper
104 100
78 46.3 37.7 56.5
103 54.9 43.6 65.4

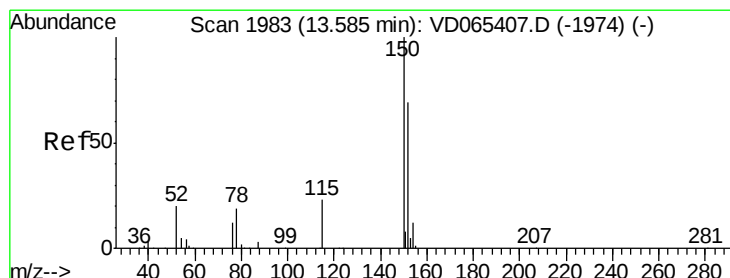
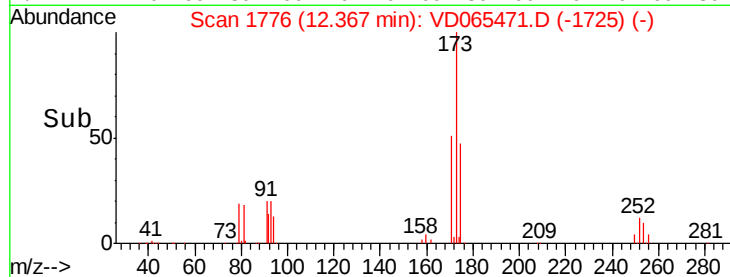
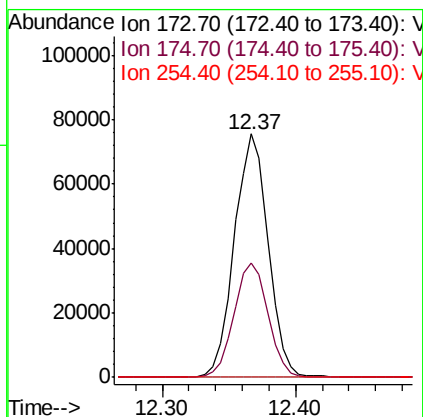
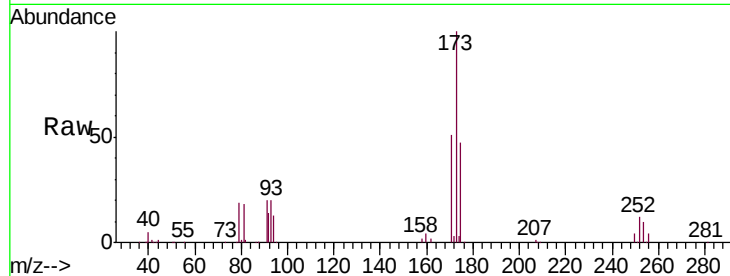




#71
Bromoform
Concen: 54.107 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

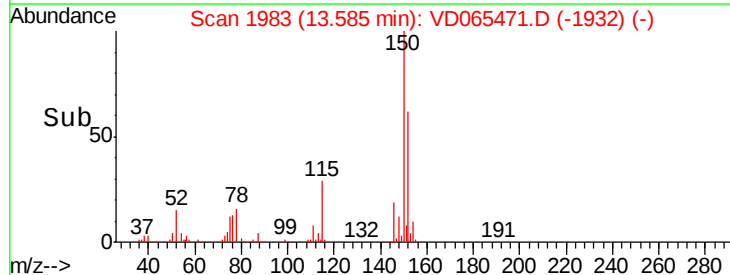
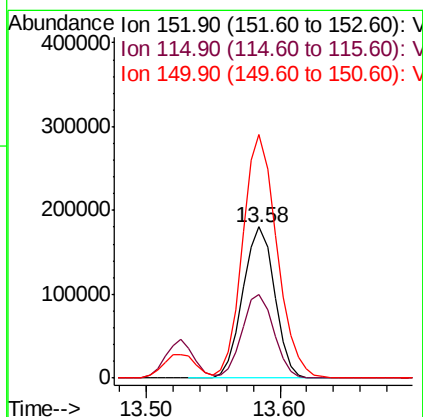
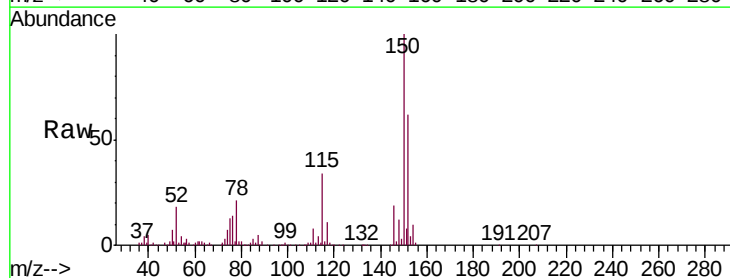
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 132205
Ion Ratio Lower Upper
173 100
175 47.3 24.3 73.0
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion:152 Resp: 296335
Ion Ratio Lower Upper
152 100
115 55.3 27.6 82.8
150 173.7 0.0 345.0





#73

Isopropylbenzene

Concen: 51.290 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

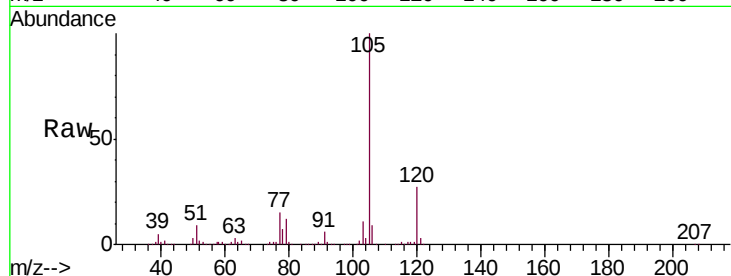
VSTDCCC050EC

Tgt Ion: 105 Resp: 999718

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

600000

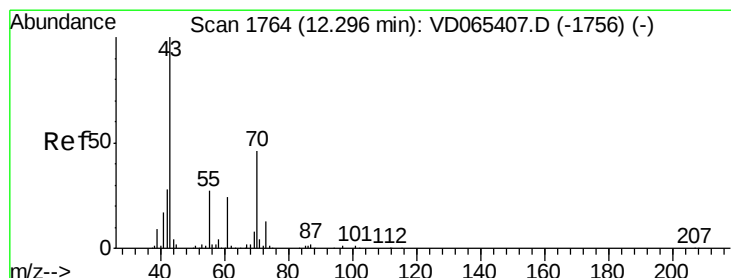
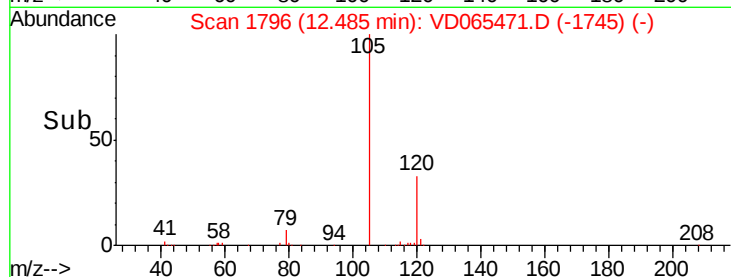
400000

200000

0

Time-->

12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 53.459 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Tgt Ion: 43 Resp: 213321

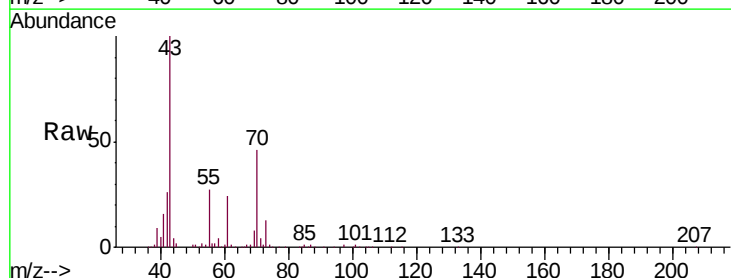
Ion Ratio Lower Upper

43 100

70 44.9 36.1 54.1

55 27.8 21.6 32.4

61 24.1 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

12.30

200000

150000

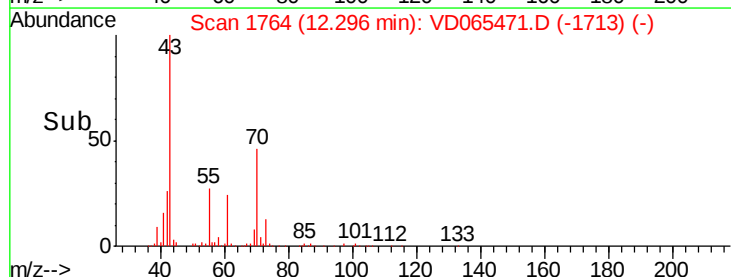
100000

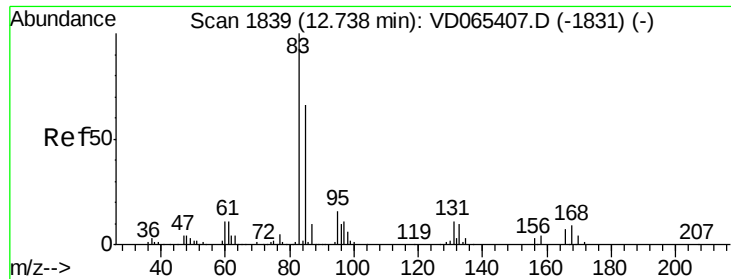
50000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 51.250 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

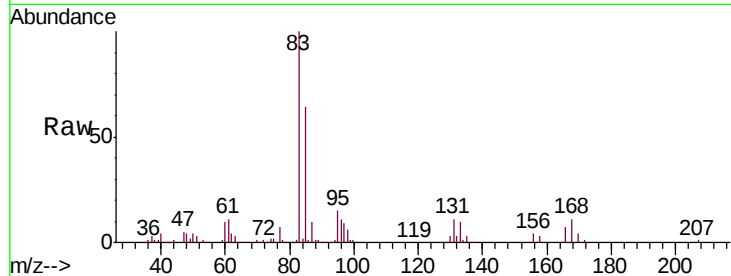
Tgt Ion: 83 Resp: 175589

Ion Ratio Lower Upper

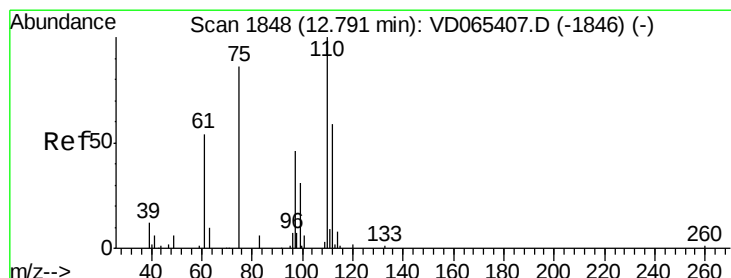
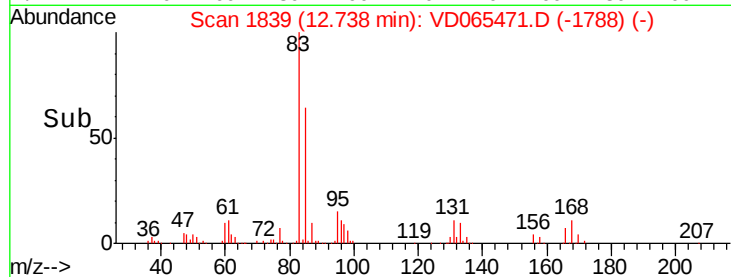
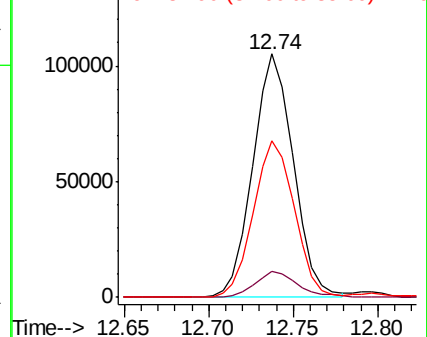
83 100

131 11.3 5.4 16.2

85 65.2 33.0 98.9



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



#76

1,2,3-Trichloropropane

Concen: 96.619 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065471.D

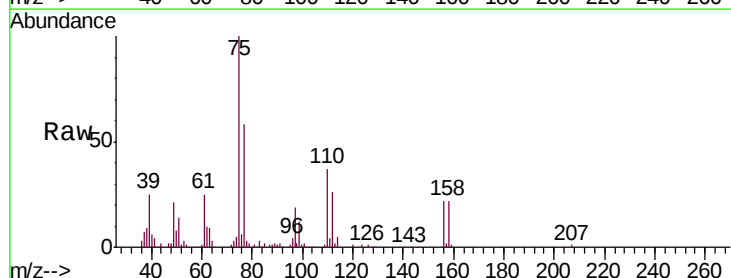
Acq: 10 Mar 2020 19:19

Tgt Ion: 75 Resp: 225927

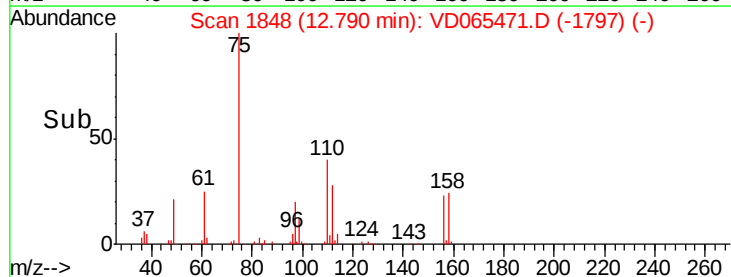
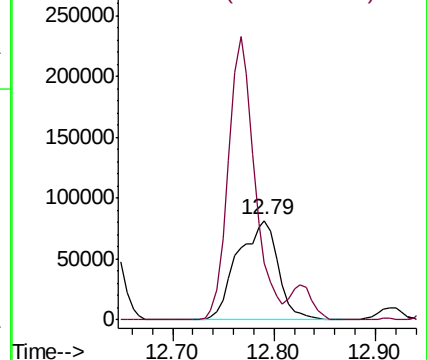
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 51.666 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

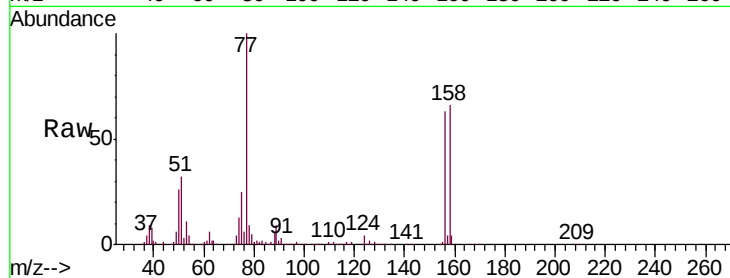
Tgt Ion:156 Resp: 250200

Ion Ratio Lower Upper

156 100

77 168.8 84.9 254.6

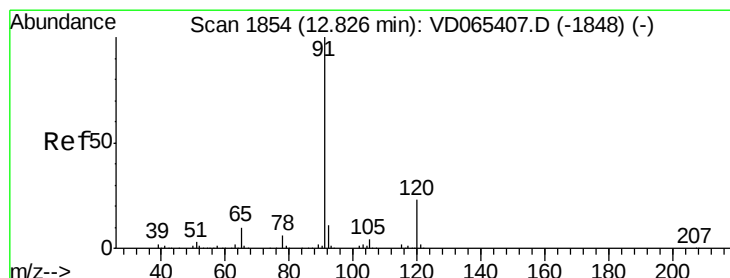
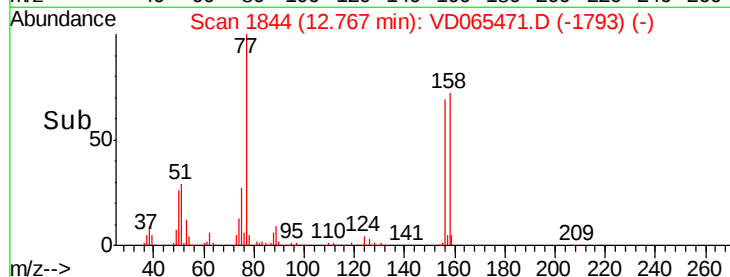
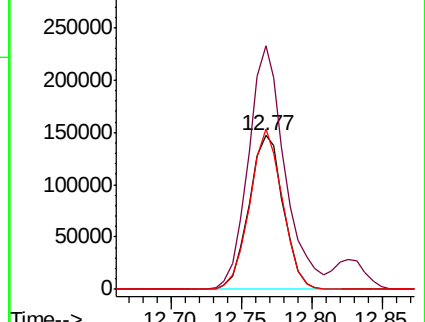
158 99.5 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.296 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065471.D

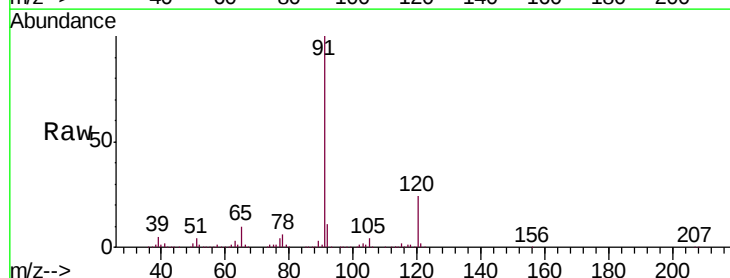
Acq: 10 Mar 2020 19:19

Tgt Ion: 91 Resp: 1186306

Ion Ratio Lower Upper

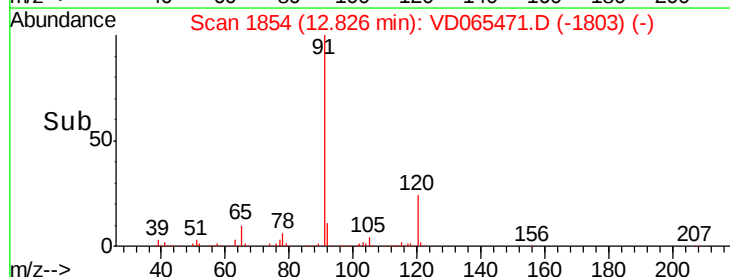
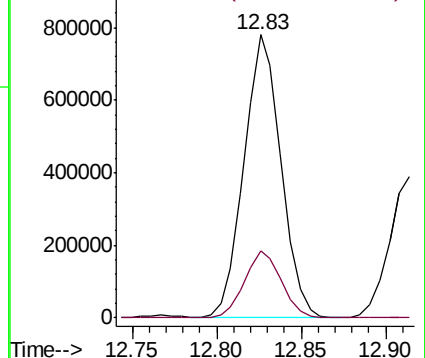
91 100

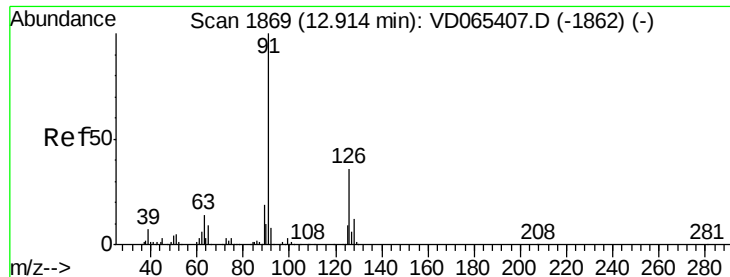
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.869 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

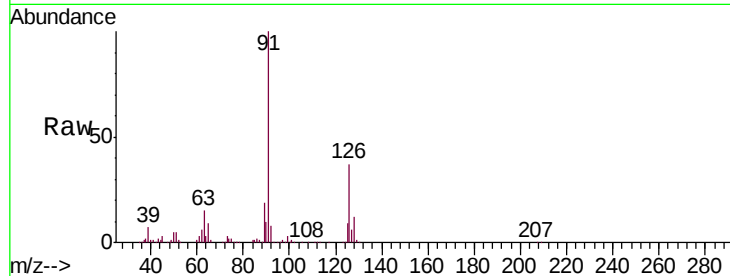
VSTDCCC050EC

Tgt Ion: 91 Resp: 663011

Ion Ratio Lower Upper

91 100

126 35.9 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VD065407.D (-1862) (-)

Ion 125.90 (125.60 to 126.60): VD065407.D (-1862) (-)

800000

600000

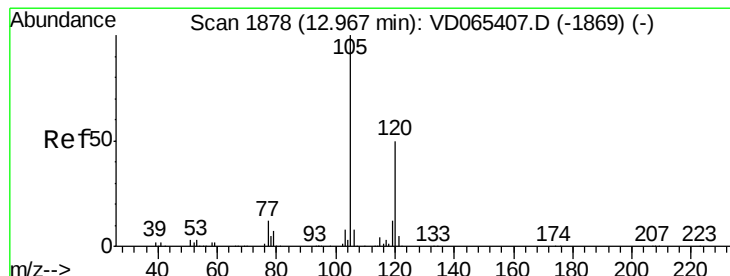
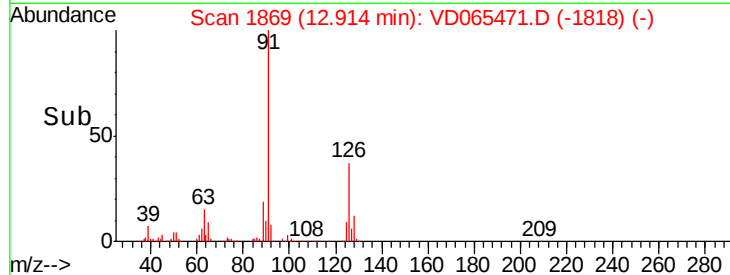
400000

200000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.333 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD065471.D

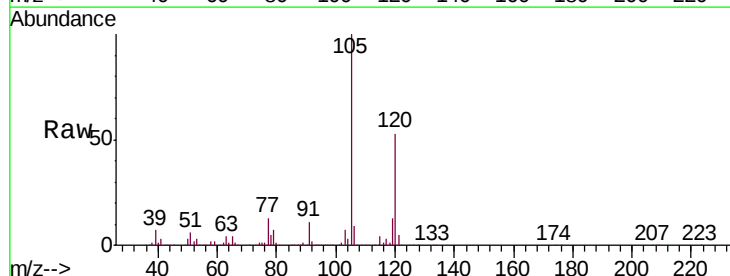
Acq: 10 Mar 2020 19:19

Tgt Ion: 105 Resp: 822557

Ion Ratio Lower Upper

105 100

120 51.5 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VD065407.D (-1869) (-)

Ion 120.00 (119.70 to 120.70): VD065407.D (-1869) (-)

600000

500000

400000

300000

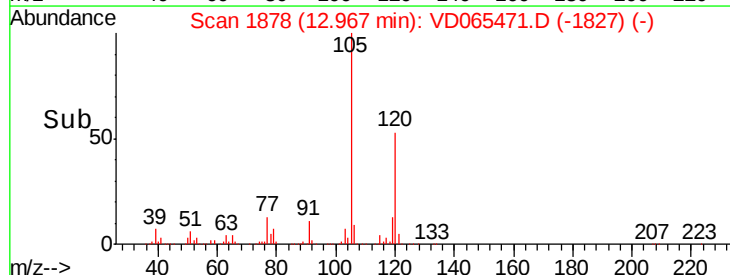
200000

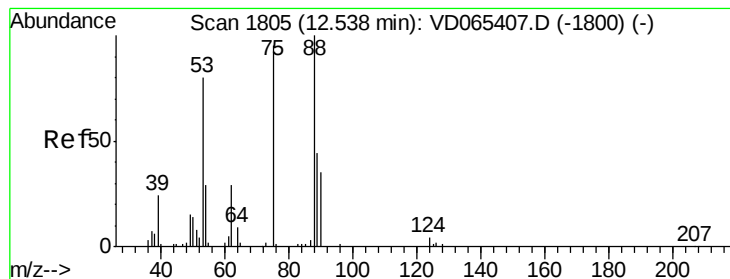
100000

0

12.90 12.95 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.385 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

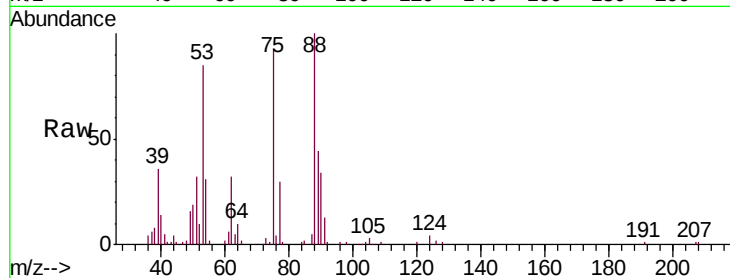
Tgt Ion: 75 Resp: 55829

Ion Ratio Lower Upper

75 100

53 91.4 71.3 106.9

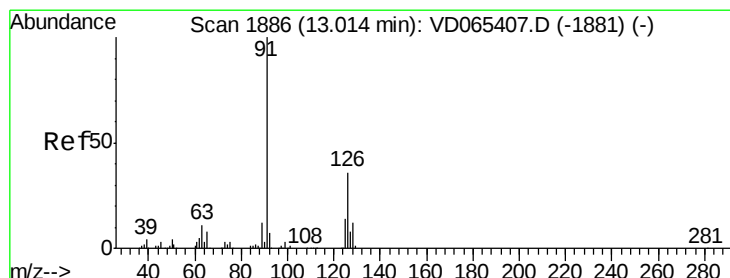
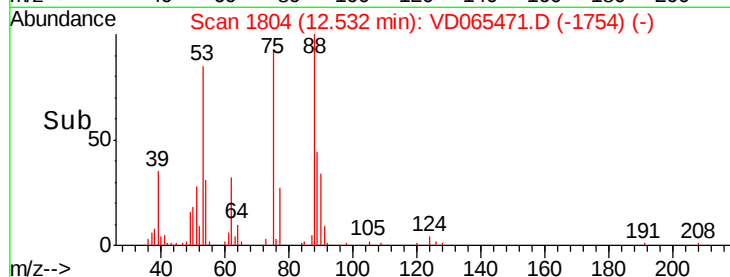
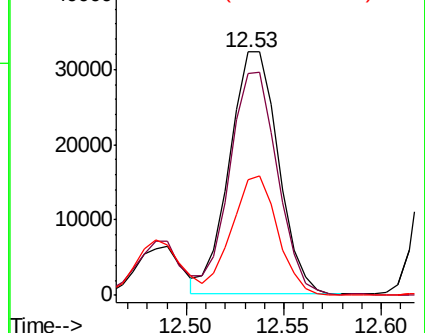
89 46.3 37.0 55.6



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.979 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065471.D

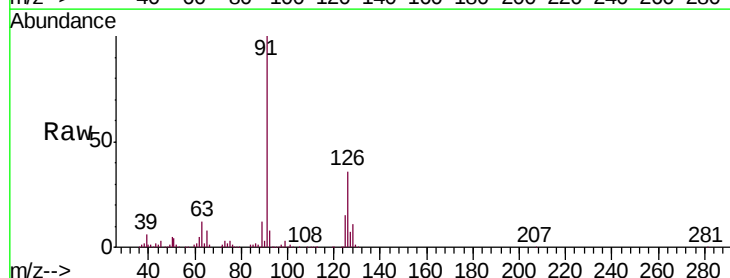
Acq: 10 Mar 2020 19:19

Tgt Ion: 91 Resp: 698219

Ion Ratio Lower Upper

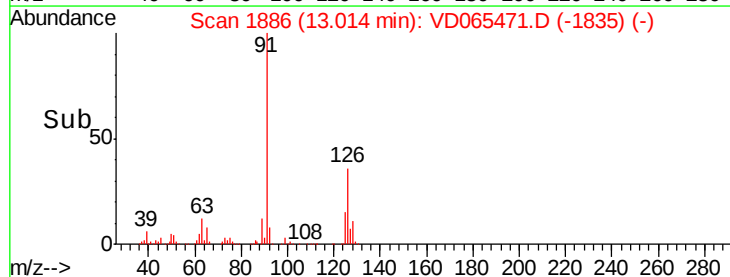
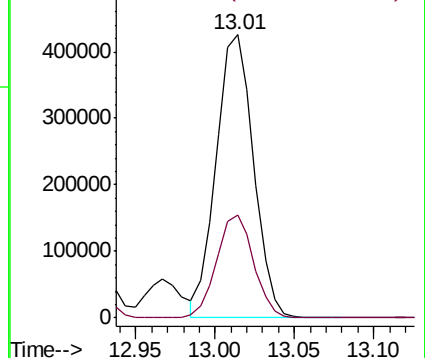
91 100

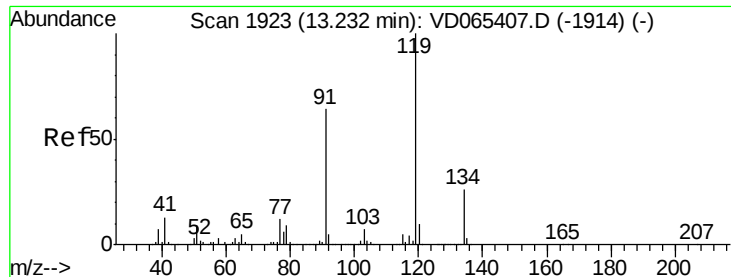
126 36.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

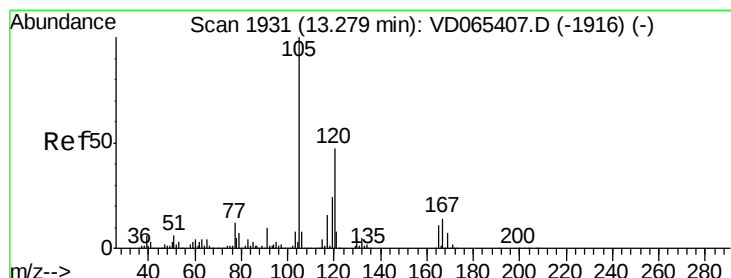
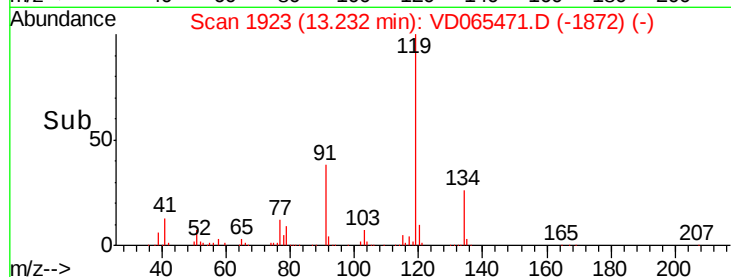
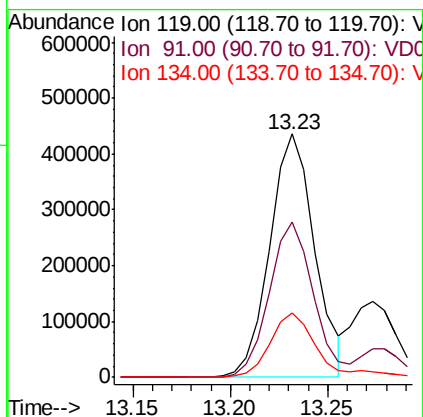
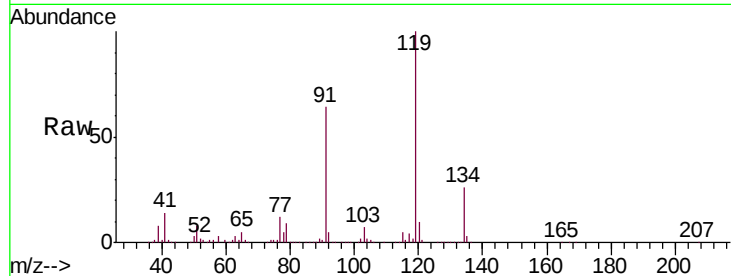




#83
 tert-Butylbenzene
 Concen: 51.227 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

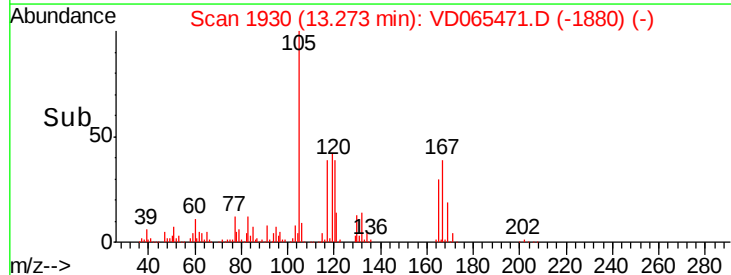
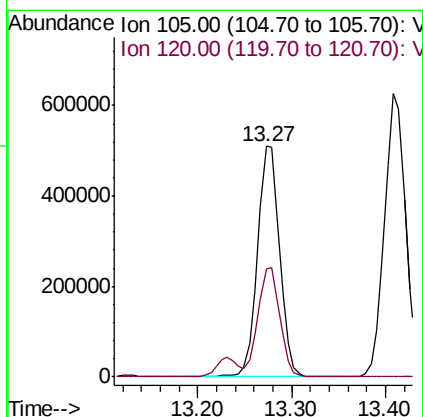
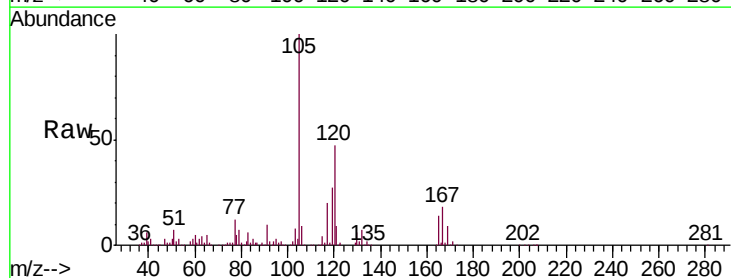
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 694464
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.6 95.0
 134 27.7 14.2 42.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.557 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion:105 Resp: 830156
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.3

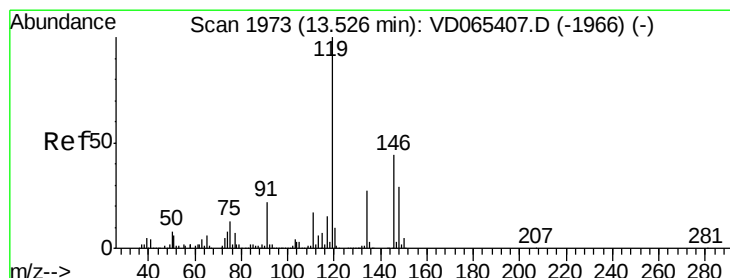
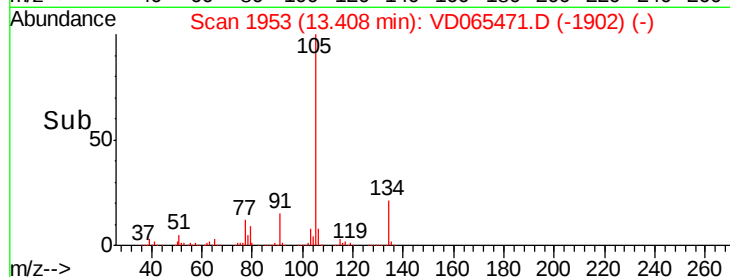
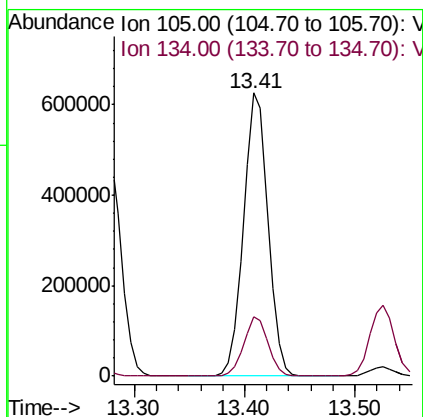
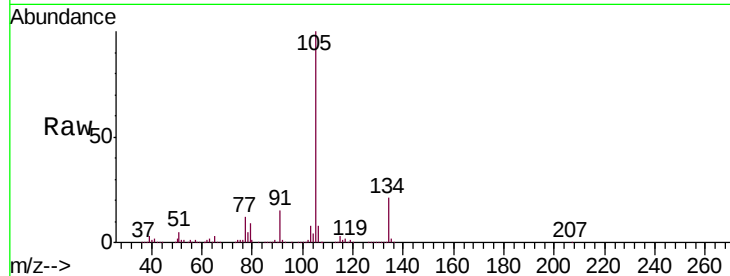




#85
 sec-Butylbenzene
 Concen: 50.466 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

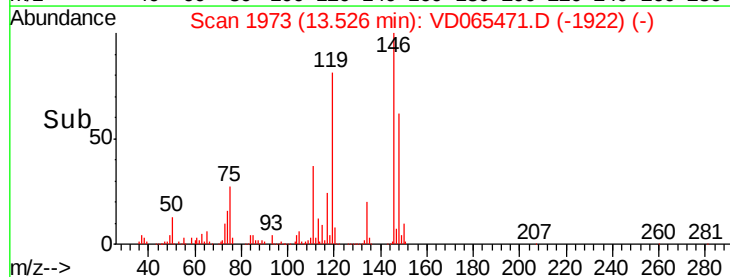
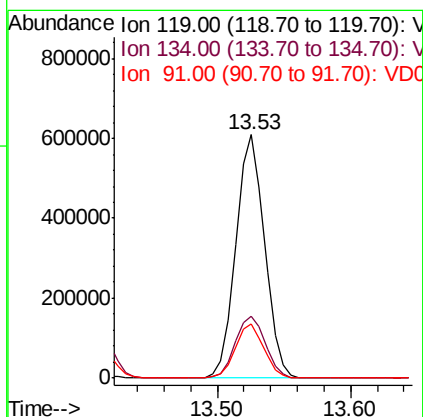
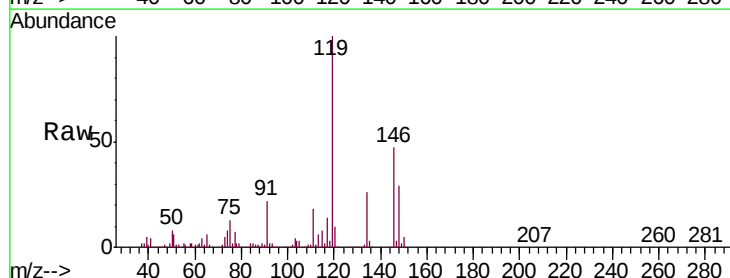
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 976558
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 51.334 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion:119 Resp: 906428
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 22.0 10.9 32.6

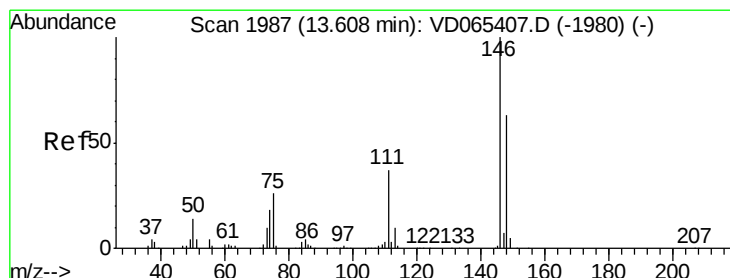
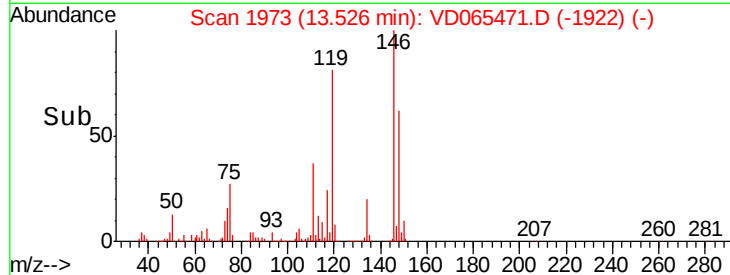
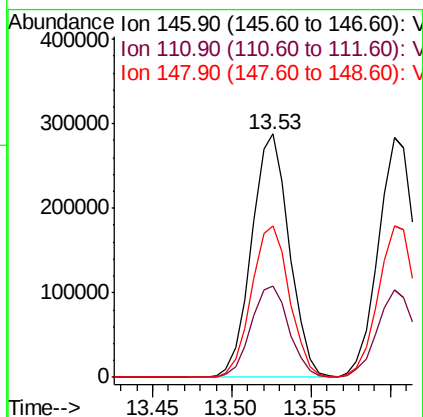
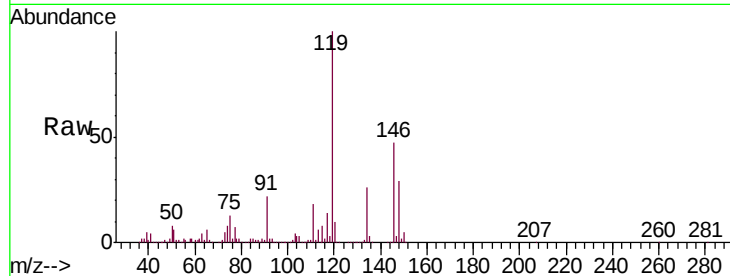




#87
 1,3-Dichlorobenzene
 Concen: 51.112 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

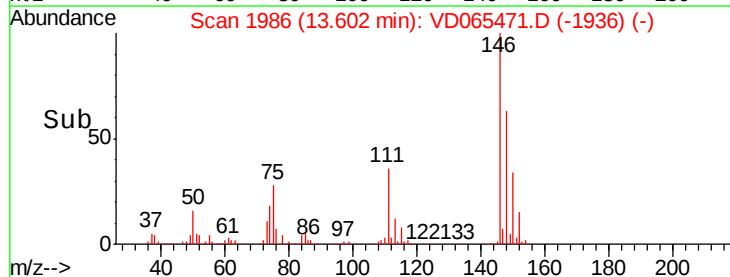
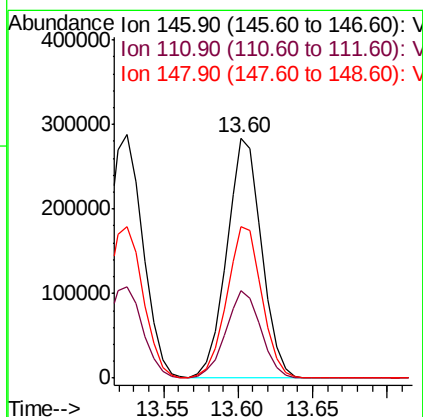
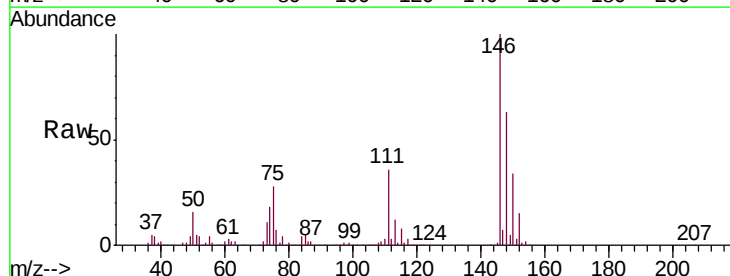
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

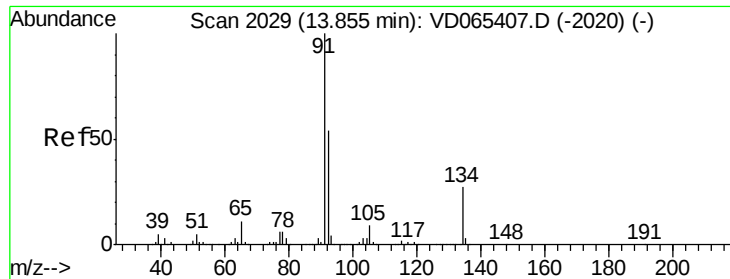
Tgt Ion:146 Resp: 475871
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.1 57.1
 148 62.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 49.874 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion:146 Resp: 461902
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.5 55.5
 148 63.7 32.0 96.0





#89

n-Butylbenzene

Concen: 49.757 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

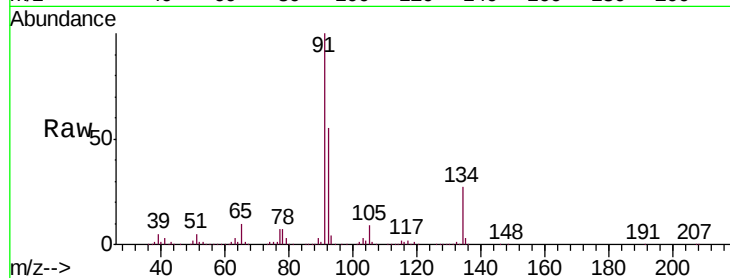
Tgt Ion: 91 Resp: 812255

Ion Ratio Lower Upper

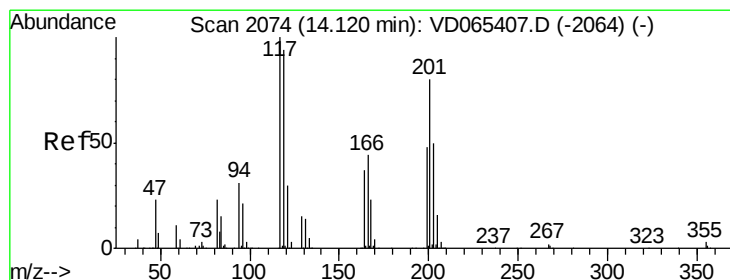
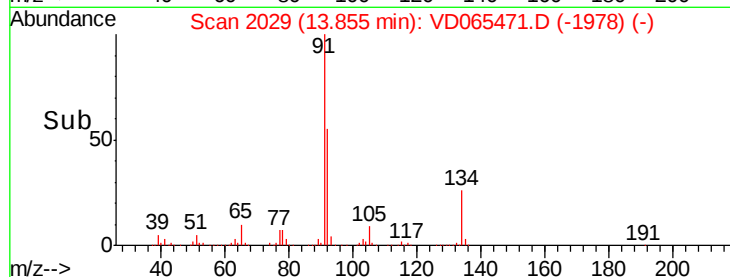
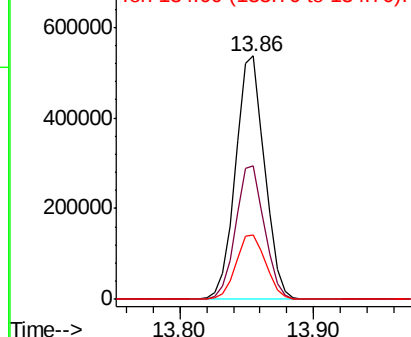
91 100

92 54.3 26.8 80.4

134 26.9 13.4 40.2



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



#90

Hexachloroethane

Concen: 49.542 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD065471.D

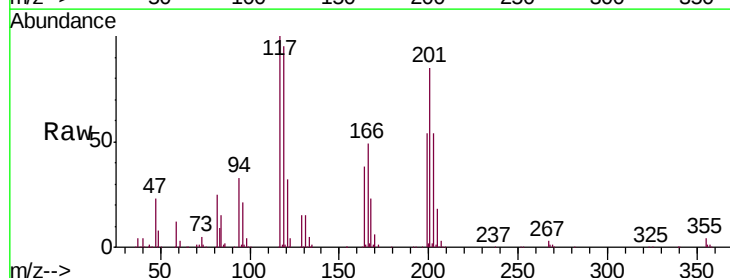
Acq: 10 Mar 2020 19:19

Tgt Ion: 117 Resp: 180152

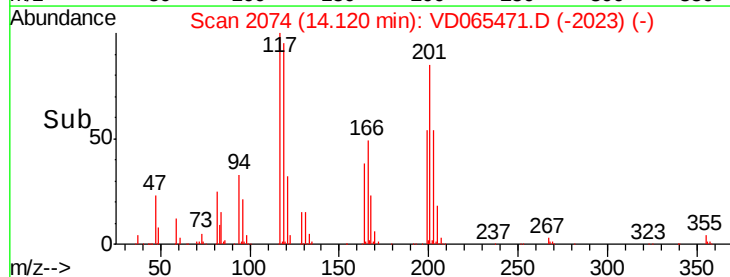
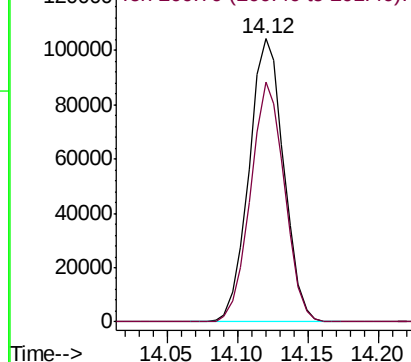
Ion Ratio Lower Upper

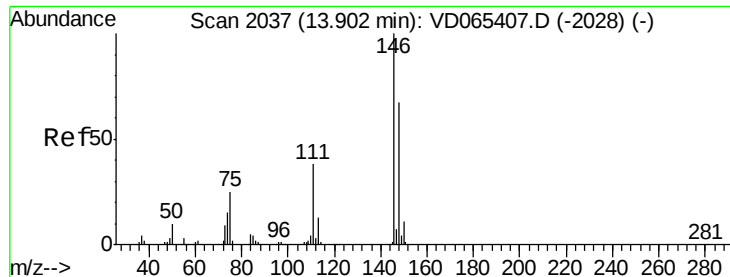
117 100

201 83.0 41.9 125.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

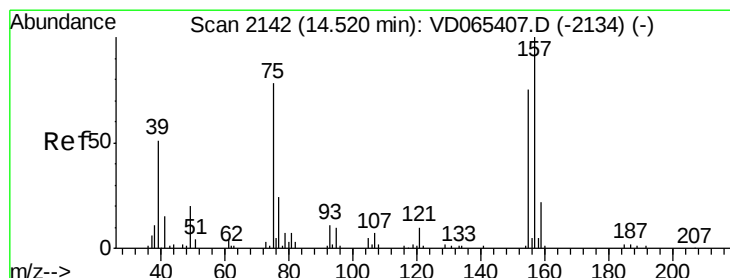
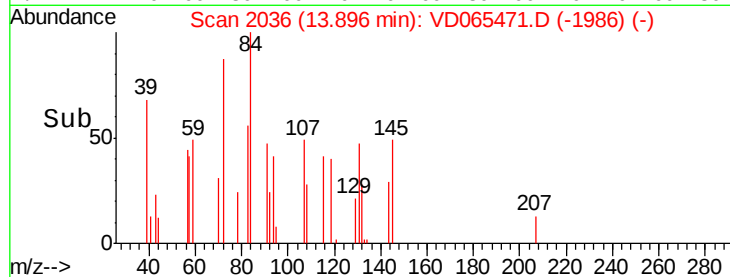
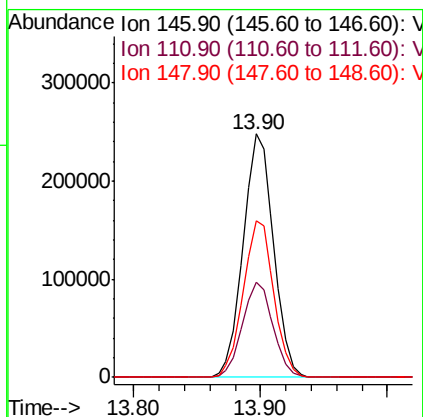
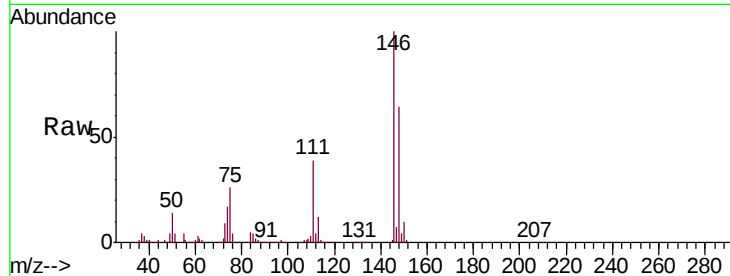




#91
 1,2-Dichlorobenzene
 Concen: 51.919 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

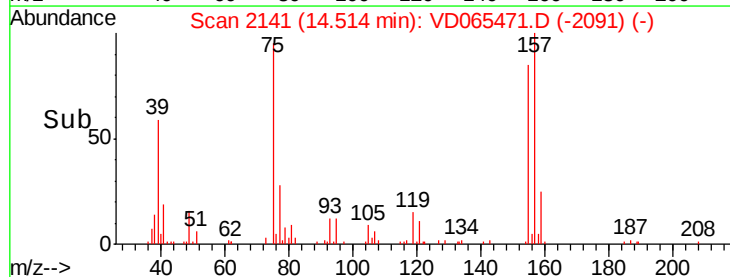
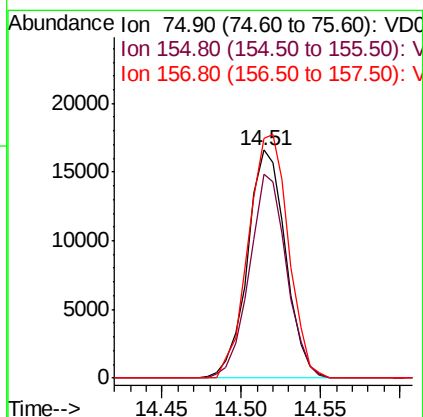
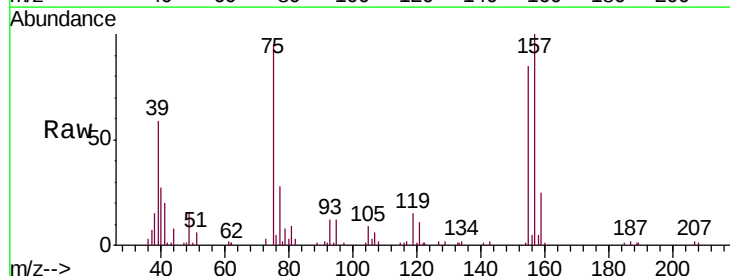
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

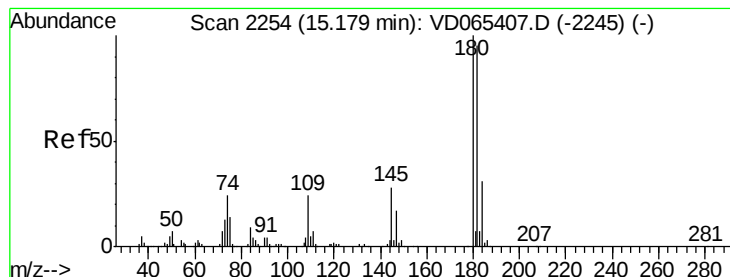
Tgt Ion:146 Resp: 411353
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.8 59.3
 148 65.0 32.6 97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.137 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065471.D
 Acq: 10 Mar 2020 19:19

Tgt Ion: 75 Resp: 27726
 Ion Ratio Lower Upper
 75 100
 155 87.5 46.4 139.1
 157 112.1 60.2 180.4





#93

1,2,4-Trichlorobenzene

Concen: 50.728 ug/l

RT: 15.17 min Scan# 2253

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

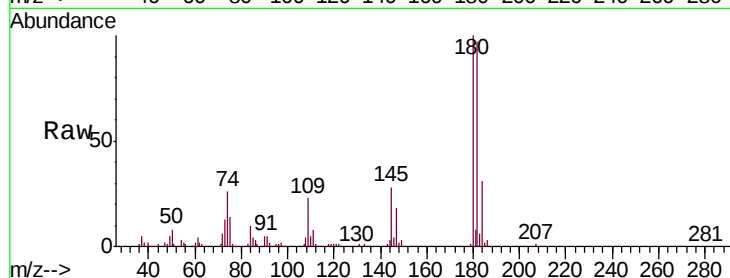
Tgt Ion:180 Resp: 272409

Ion Ratio Lower Upper

180 100

182 96.4 48.3 144.9

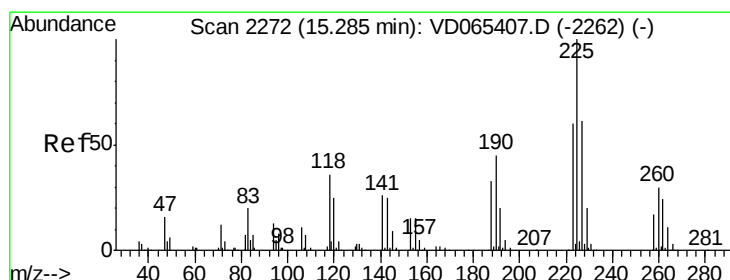
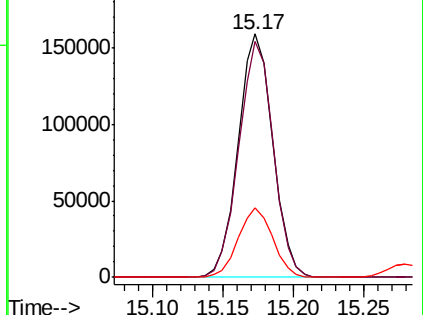
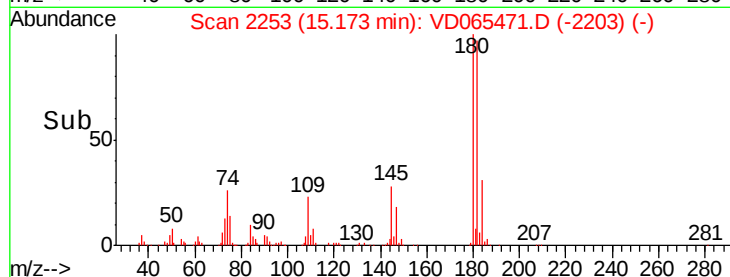
145 28.5 14.4 43.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 47.613 ug/l

RT: 15.28 min Scan# 2271

Delta R.T. -0.01 min

Lab File: VD065471.D

Acq: 10 Mar 2020 19:19

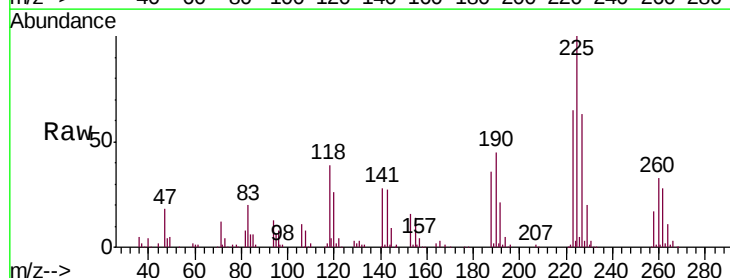
Tgt Ion:225 Resp: 168000

Ion Ratio Lower Upper

225 100

223 63.3 30.9 92.5

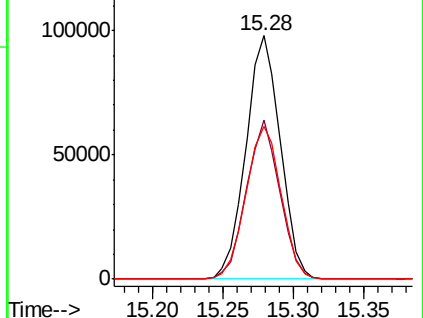
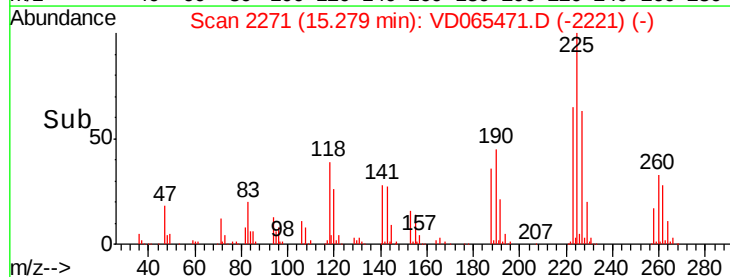
227 64.3 31.6 94.7

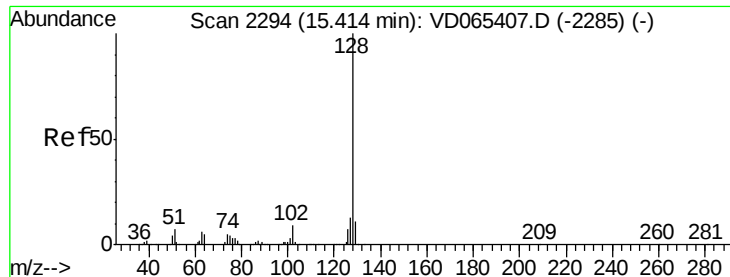


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

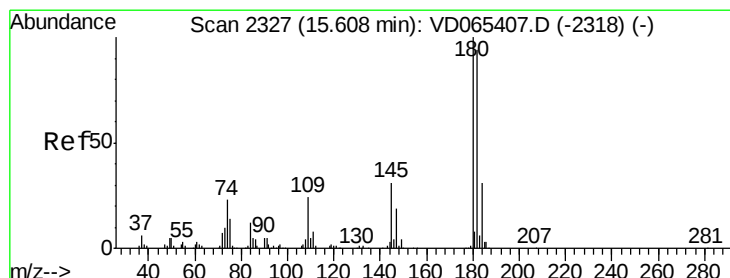
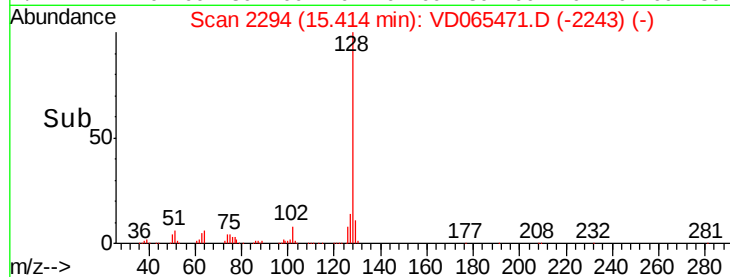
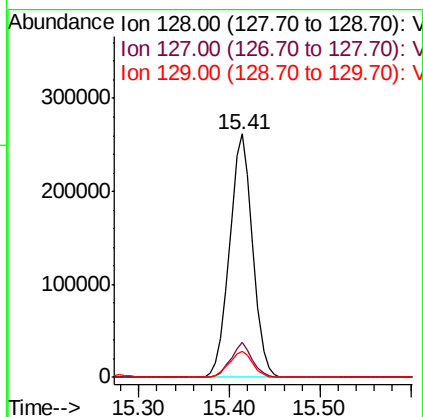
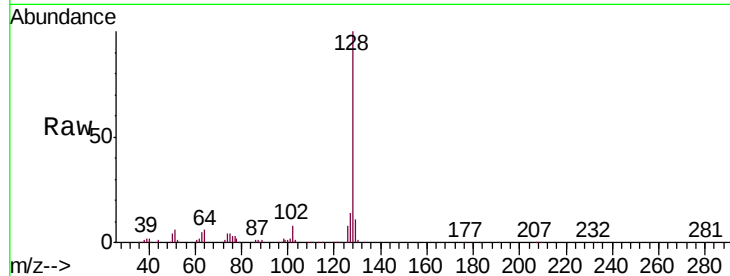




#95
Naphthalene
Concen: 48.397 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 461720
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.837 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065471.D
Acq: 10 Mar 2020 19:19

Tgt Ion:180 Resp: 240541
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.6
145 30.8 15.0 45.1

