

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
 Data File : VD066982.D
 Acq On : 30 Sep 2020 19:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 01 00:57:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	415337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	685386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	633173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	304211	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	182354	44.86	ug/l	0.00
Spiked Amount			Recovery	=	89.72%	
35) Dibromofluoromethane	7.92	113	196323	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	
50) Toluene-d8	10.34	98	680543	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	
62) 4-Bromofluorobenzene	12.63	95	247484	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	130518	44.417	ug/l	94
3) Chloromethane	2.21	50	156724	41.069	ug/l	98
4) Vinyl Chloride	2.35	62	156919	41.623	ug/l	98
5) Bromomethane	2.77	94	119066	44.933	ug/l	98
6) Chloroethane	2.92	64	101079	43.174	ug/l	93
7) Trichlorofluoromethane	3.27	101	348020	44.948	ug/l	94
8) Diethyl Ether	3.71	74	113206	57.593	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	209875	46.746	ug/l	97
10) Methyl Iodide	4.30	142	191284	48.282	ug/l	95
11) Tert butyl alcohol	5.22	59	71461	300.679	ug/l	97
12) 1,1-Dichloroethene	4.07	96	200036	49.184	ug/l	97
13) Acrolein	3.93	56	73634	245.541	ug/l	94
14) Allyl chloride	4.71	41	307414	51.475	ug/l	96
15) Acrylonitrile	5.42	53	246045	282.455	ug/l	99
16) Acetone	4.16	43	179665	208.342	ug/l	97
17) Carbon Disulfide	4.41	76	565255	45.460	ug/l	98
18) Methyl Acetate	4.72	43	111954	58.825	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	522108	59.113	ug/l	97
20) Methylene Chloride	4.96	84	263362	57.455	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	246830	52.414	ug/l	99
22) Diisopropyl ether	6.36	45	673209	54.825	ug/l	96
23) Vinyl Acetate	6.31	43	1808678	271.069	ug/l	98
24) 1,1-Dichloroethane	6.27	63	421919	51.362	ug/l	97
25) 2-Butanone	7.21	43	283991	274.037	ug/l	99
26) 2,2-Dichloropropane	7.21	77	347464	46.149	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	283038	55.317	ug/l	95
28) Bromochloromethane	7.55	49	175951	51.847	ug/l	92
29) Tetrahydrofuran	7.56	42	188393	283.714	ug/l	96
30) Chloroform	7.71	83	466047	52.631	ug/l	100
31) Cyclohexane	7.98	56	327335	44.285	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	407779	50.907	ug/l	98
36) 1,1-Dichloropropene	8.11	75	325669	47.895	ug/l	98
37) Ethyl Acetate	7.30	43	134117	54.561	ug/l #	95
38) Carbon Tetrachloride	8.10	117	360831	48.539	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	390828	50.062	ug/l	98
40) Benzene	8.35	78	978449	51.632	ug/l	96
41) Methacrylonitrile	7.56	41	91846	60.759	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	284326	50.753	ug/l	99
43) Isopropyl Acetate	8.45	43	258471	54.540	ug/l	100
44) Trichloroethene	9.11	130	280539	51.937	ug/l	94
45) 1,2-Dichloropropane	9.38	63	248495	52.118	ug/l	99
46) Dibromomethane	9.47	93	142089	54.849	ug/l	96
47) Bromodichloromethane	9.66	83	366302	52.637	ug/l	99
48) Methyl methacrylate	9.46	41	122812	52.560	ug/l	93
49) 1,4-Dioxane	9.46	88	32889	1133.361	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	678844	282.695	ug/l	98
52) Toluene	10.40	92	659490	54.028	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	330530	55.804	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	389640	53.950	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	196955	55.305	ug/l	98
56) Ethyl methacrylate	10.66	69	237081	62.143	ug/l	94
57) 1,3-Dichloropropane	10.94	76	327056	55.617	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	454562	251.637	ug/l	97
59) 2-Hexanone	10.98	43	454945	280.935	ug/l	95
60) Dibromochloromethane	11.14	129	262290	56.432	ug/l	99
61) 1,2-Dibromoethane	11.24	107	187926	56.734	ug/l	98
64) Tetrachloroethene	10.87	164	238548	52.376	ug/l	97
65) Chlorobenzene	11.67	112	701506	53.226	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	276217	55.373	ug/l	98
67) Ethyl Benzene	11.74	91	1232442	53.242	ug/l	99
68) m/p-Xylenes	11.86	106	956130	109.096	ug/l	98
69) o-Xylene	12.18	106	444322	56.067	ug/l	99
70) Styrene	12.20	104	772900	56.160	ug/l	99
71) Bromoform	12.36	173	146294	57.924	ug/l #	100
73) Isopropylbenzene	12.48	105	1188642	54.088	ug/l	97
74) N-amyl acetate	12.29	43	240248	55.981	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	204250	53.862	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	268231	106.396	ug/l #	100
77) Bromobenzene	12.76	156	286475	55.737	ug/l	93
78) n-propylbenzene	12.82	91	1386694	52.450	ug/l	99
79) 2-Chlorotoluene	12.91	91	796101	52.841	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1007544	54.032	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	61468	61.001	ug/l	94
82) 4-Chlorotoluene	13.01	91	837691	52.746	ug/l	99
83) tert-Butylbenzene	13.23	119	838930	54.751	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	1003765	54.285	ug/l	99
85) sec-Butylbenzene	13.40	105	1171367	53.161	ug/l	100
86) p-Isopropyltoluene	13.52	119	1079740	54.364	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	539663	53.146	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	533350	52.884	ug/l	98
89) n-Butylbenzene	13.85	91	984041	52.126	ug/l	99
90) Hexachloroethane	14.11	117	209922	52.061	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	474376	54.605	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	34295	56.220	ug/l	91

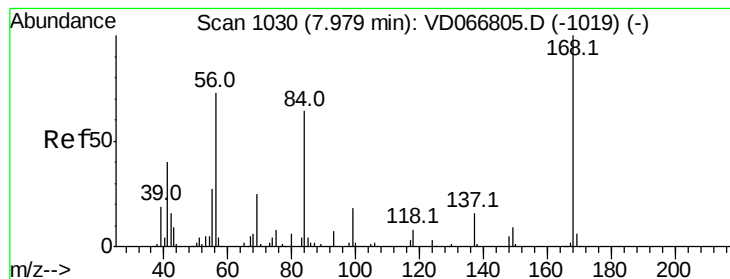
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD093020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	323718	59.193	ug/l	98
94) Hexachlorobutadiene	15.28	225	179467	54.763	ug/l	99
95) Naphthalene	15.41	128	606510	65.323	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	282900	59.934	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

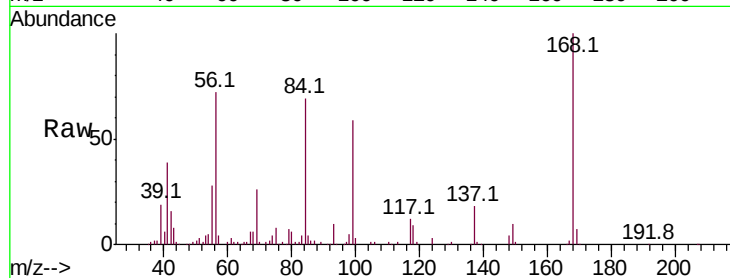
VSTDCCC050EC

Tot Ion:168 Resp: 415337

Ion Ratio Lower Upper

168 100

99 58.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

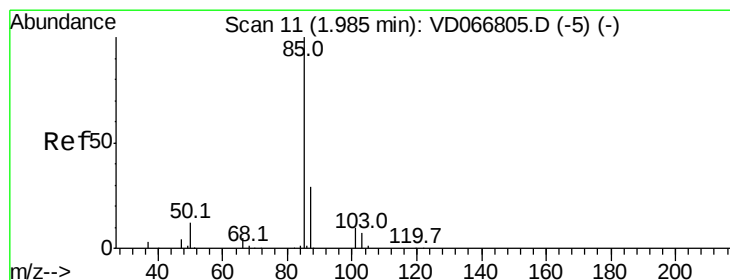
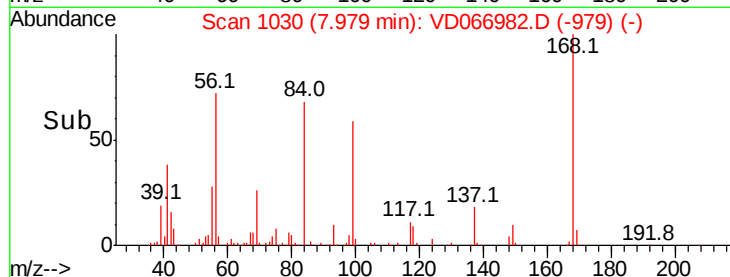
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 44.417 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066982.D

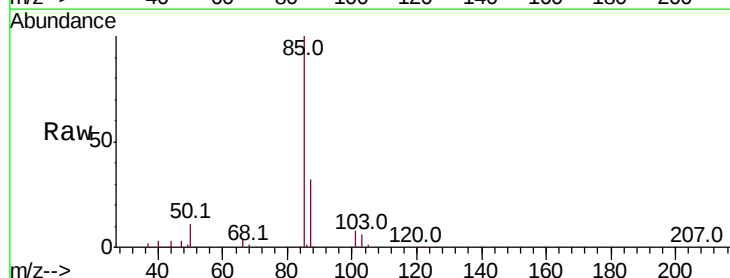
Acq: 30 Sep 2020 19:05

Tgt Ion: 85 Resp: 130518

Ion Ratio Lower Upper

85 100

87 32.0 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

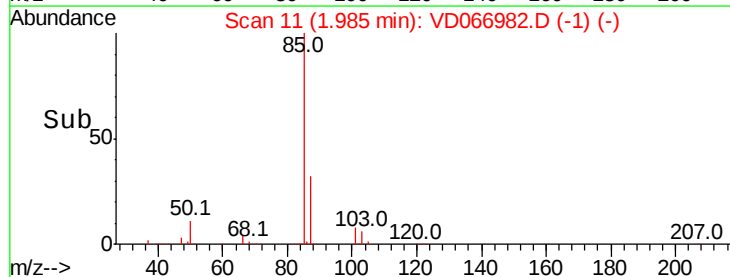
40000

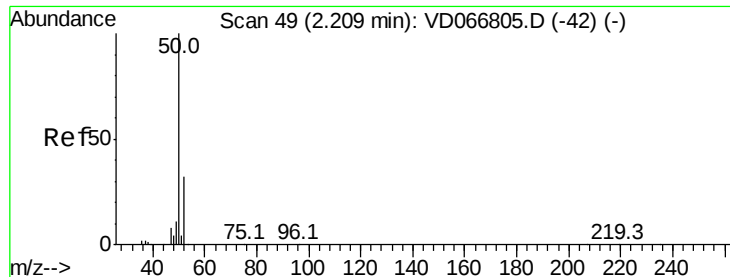
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 41.069 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

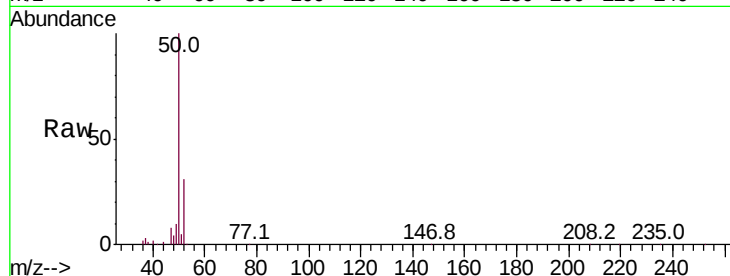
VSTDCCC050EC

Tot Ion: 50 Resp: 156724

Ion Ratio Lower Upper

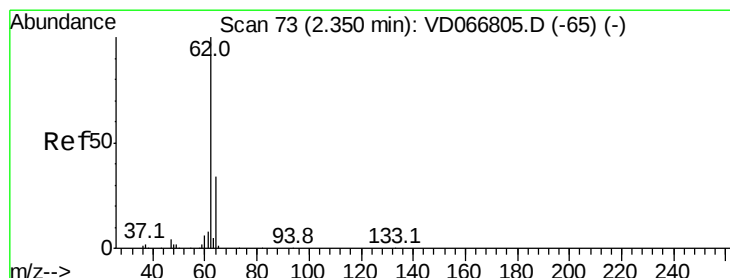
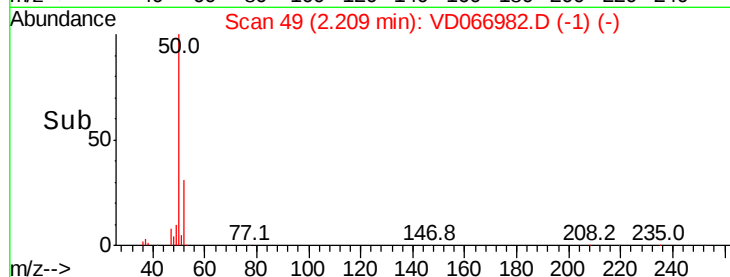
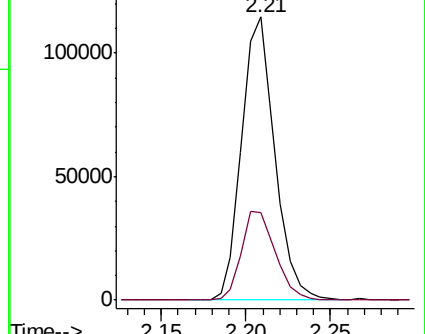
50 100

52 31.1 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 41.623 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066982.D

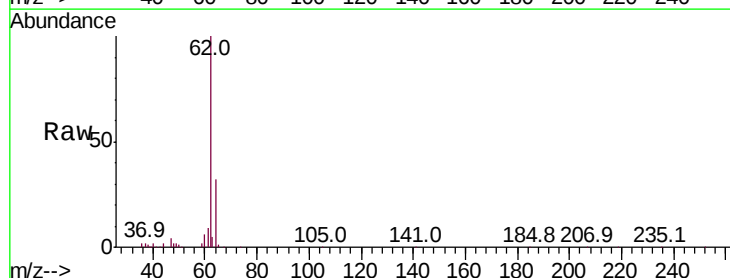
Acq: 30 Sep 2020 19:05

Tgt Ion: 62 Resp: 156919

Ion Ratio Lower Upper

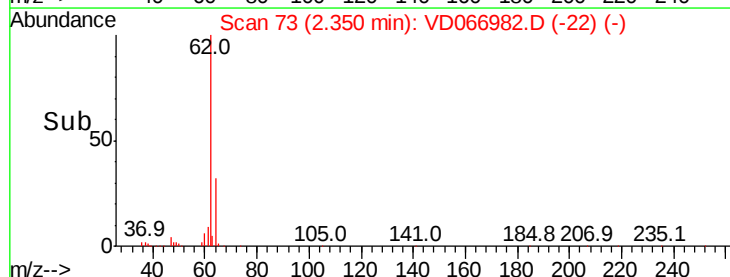
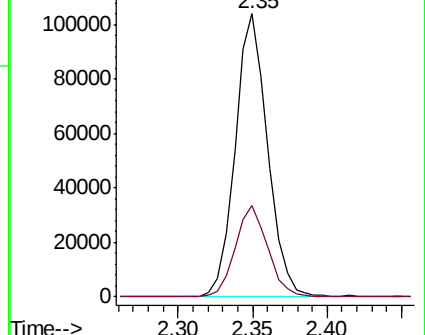
62 100

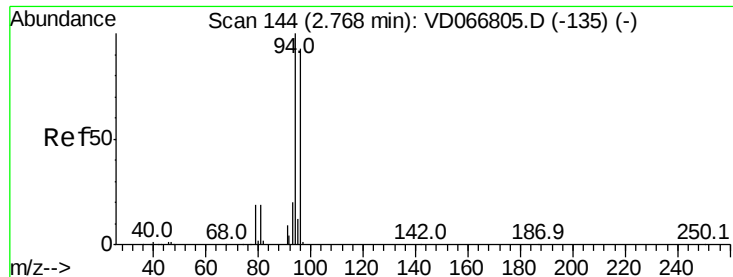
64 32.5 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 44.933 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

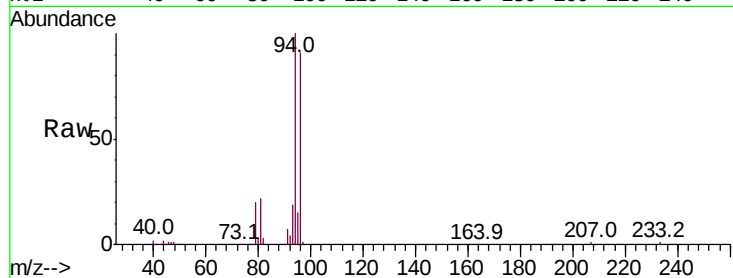
VSTDCCC050EC

Tot Ion: 94 Resp: 119066

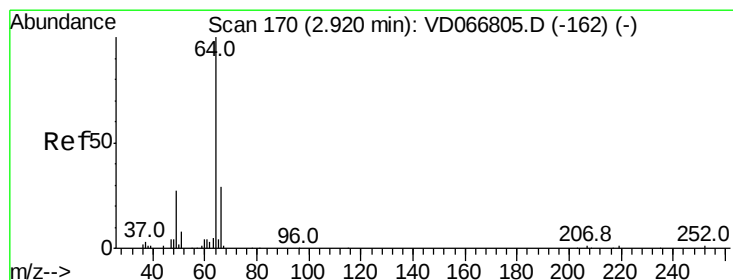
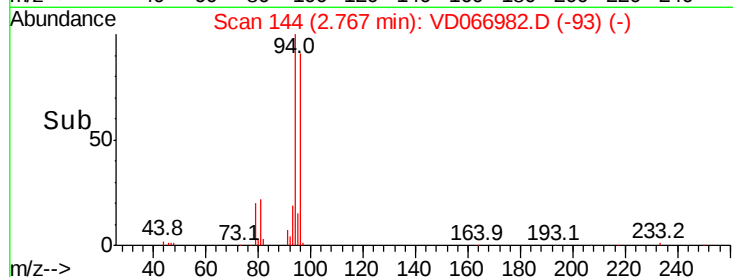
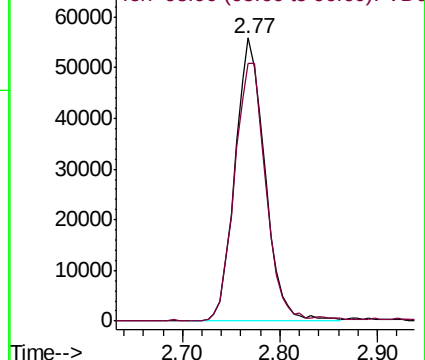
Ion Ratio Lower Upper

94 100

96 90.9 74.3 111.5



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



#6

Chloroethane

Concen: 43.174 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066982.D

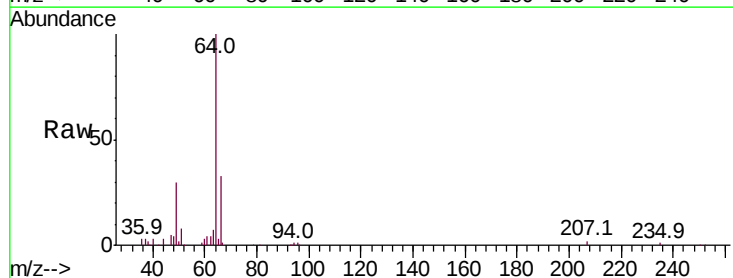
Acq: 30 Sep 2020 19:05

Tgt Ion: 64 Resp: 101079

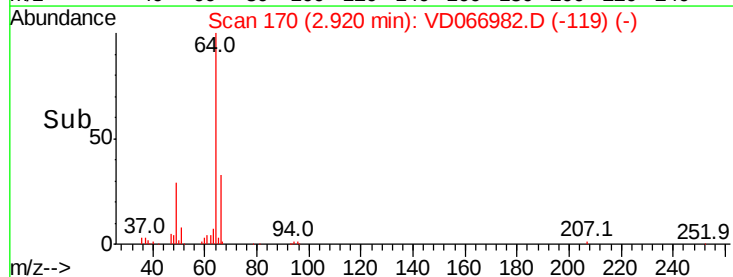
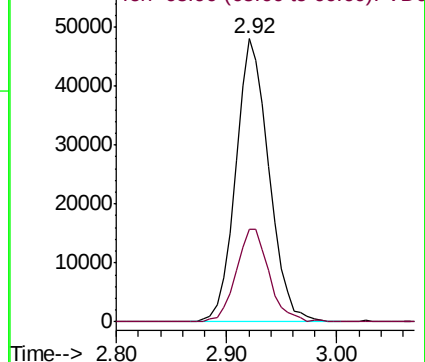
Ion Ratio Lower Upper

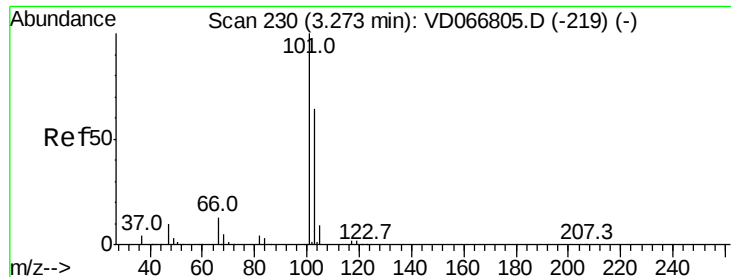
64 100

66 32.7 23.3 34.9



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



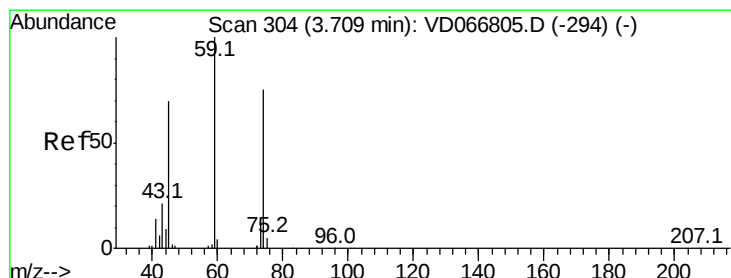
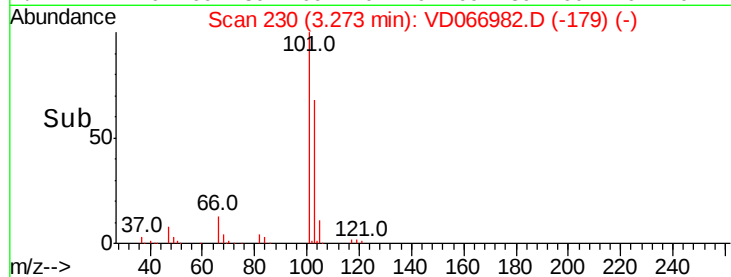
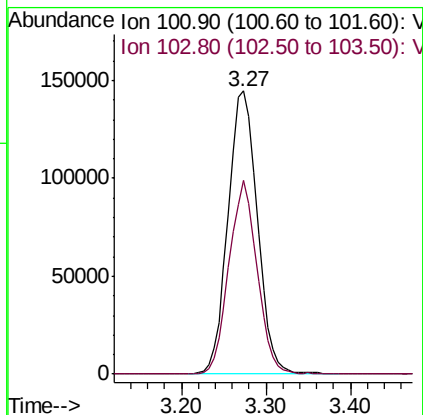
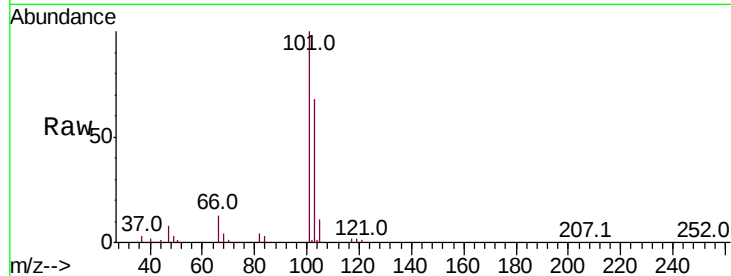


#7

Trichlorofluoromethane
 Concen: 44.948 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066982.D
 Acq: 30 Sep 2020 19:05

Instrument :
 MSVOA_D
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 VSTDCCC050EC

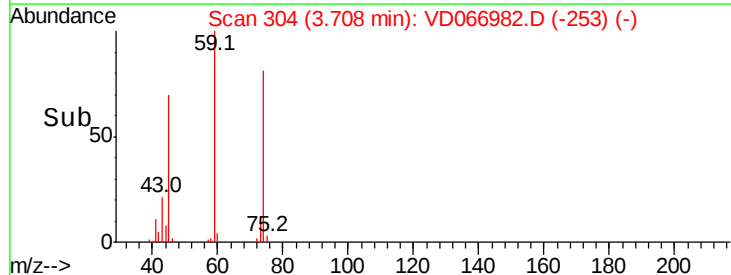
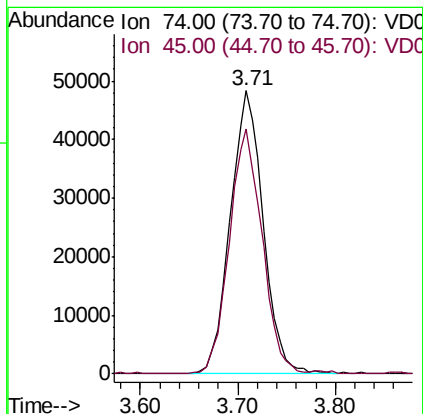
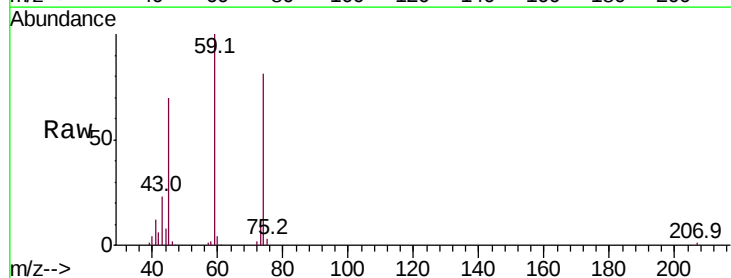
Tot Ion:101 Resp: 348020
 Ion Ratio Lower Upper
 101 100
 103 68.3 51.0 76.6

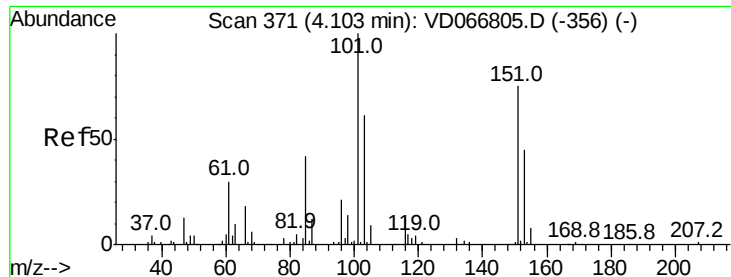


#8

Diethyl Ether
 Concen: 57.593 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066982.D
 Acq: 30 Sep 2020 19:05

Tgt Ion: 74 Resp: 113206
 Ion Ratio Lower Upper
 74 100
 45 86.1 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.746 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

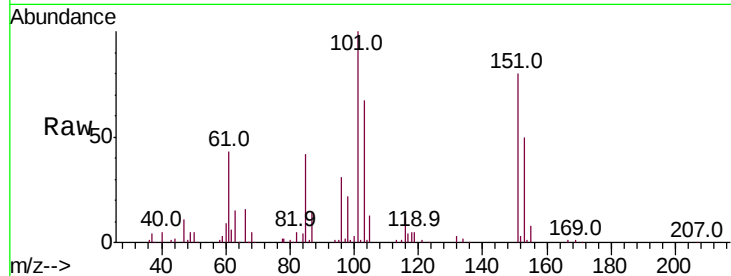
Tot Ion:101 Resp: 209875

Ion Ratio Lower Upper

101 100

85 43.3 35.4 53.2

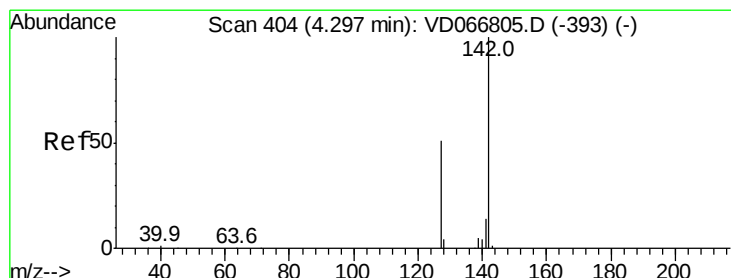
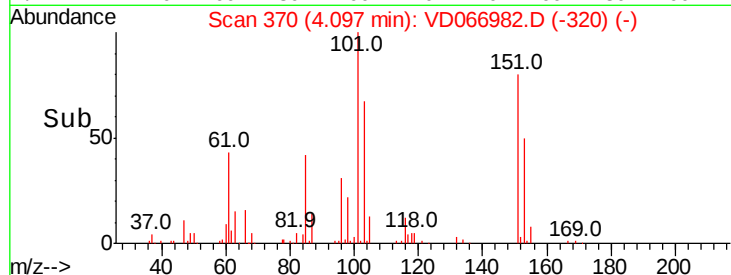
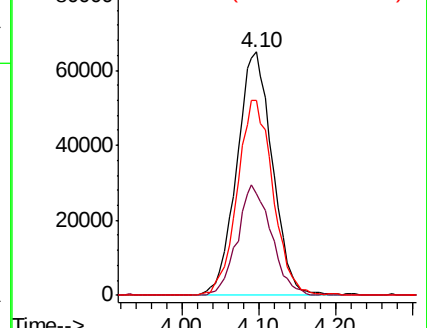
151 80.1 61.4 92.0



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: 48.282 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

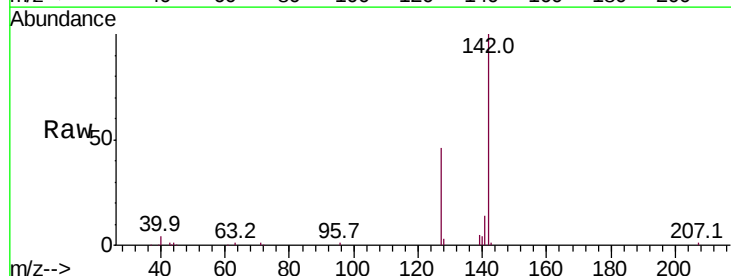
Tgt Ion:142 Resp: 191284

Ion Ratio Lower Upper

142 100

127 45.0 39.4 59.0

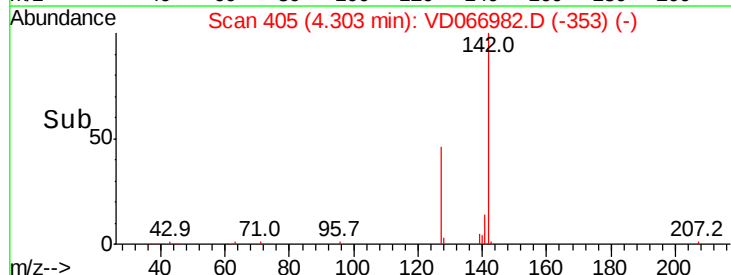
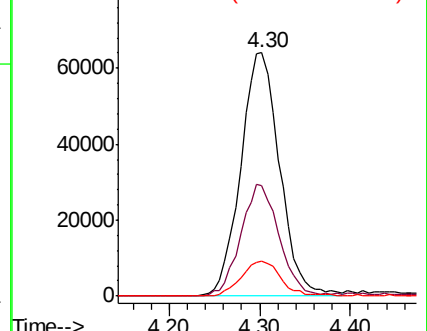
141 14.7 12.1 18.1

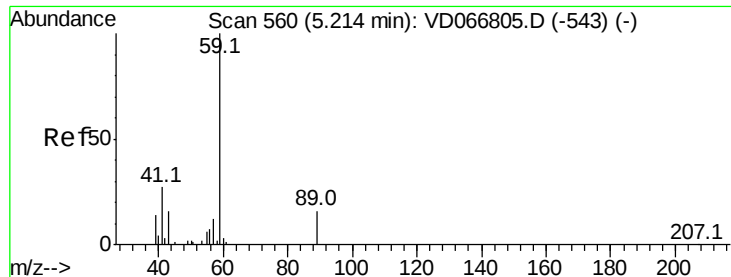


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



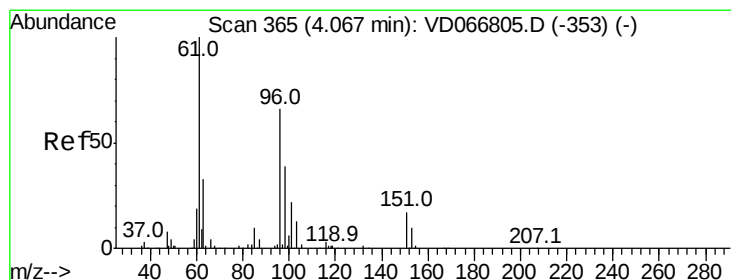
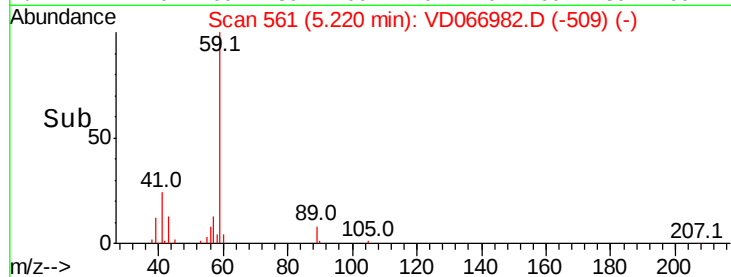
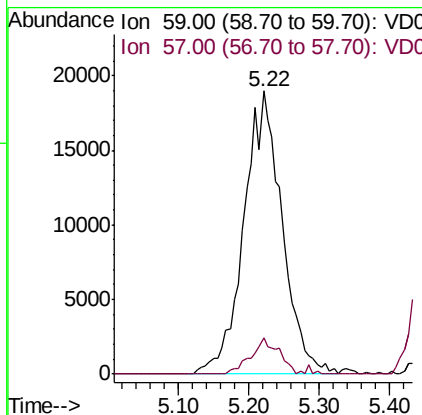
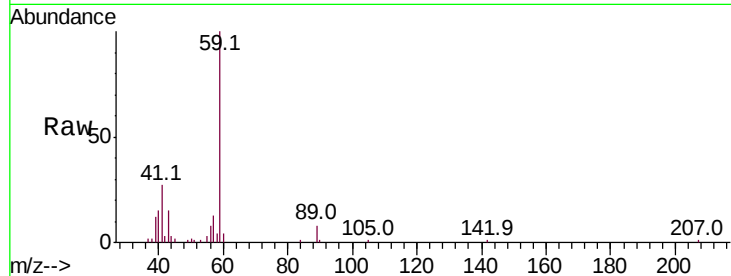


#11

Tert butyl alcohol
Concen: 300.679 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

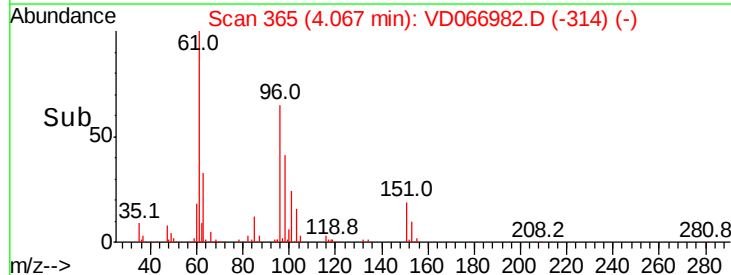
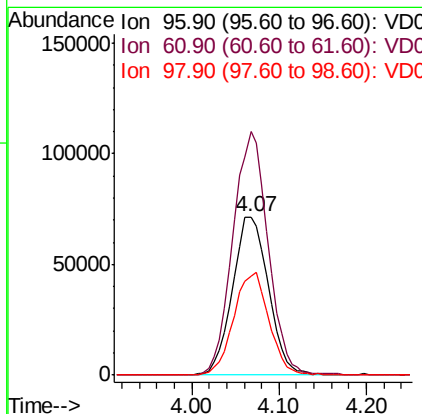
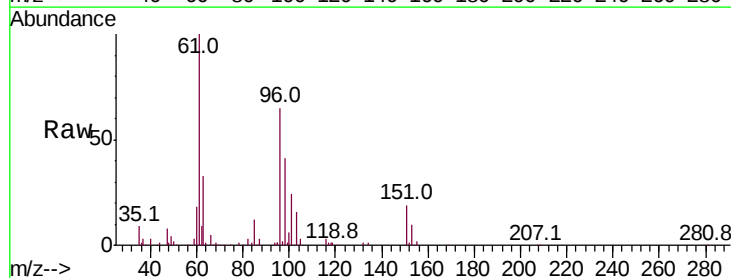
Tot Ion: 59 Resp: 71461
Ion Ratio Lower Upper
59 100
57 9.3 8.3 12.5

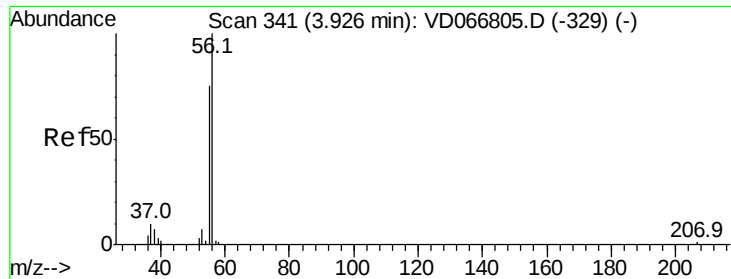


#12

1,1-Dichloroethene
Concen: 49.184 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion: 96 Resp: 200036
Ion Ratio Lower Upper
96 100
61 153.6 120.8 181.2
98 62.6 47.7 71.5





#13

Acrolein

Concen: 245.541 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

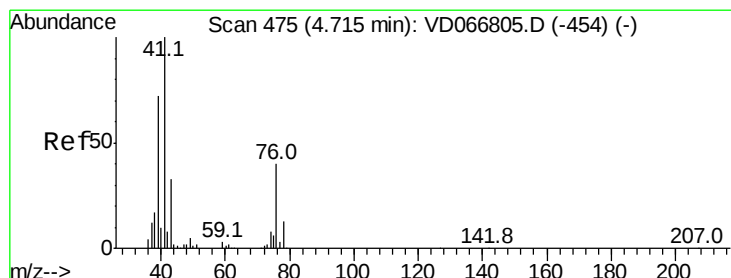
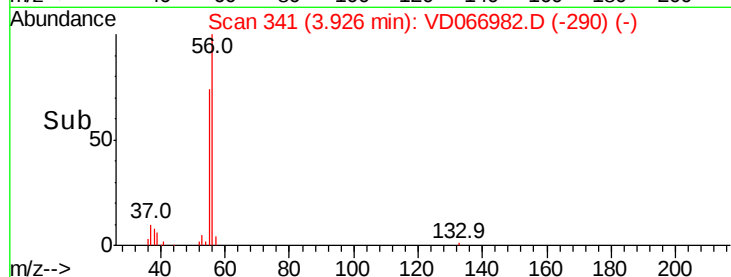
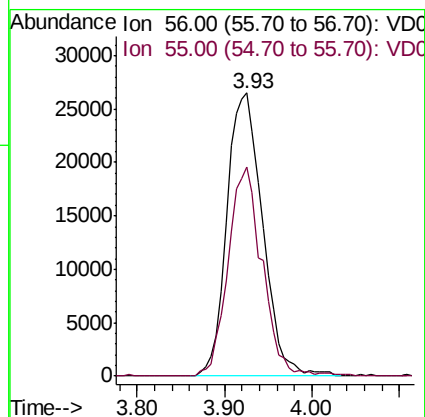
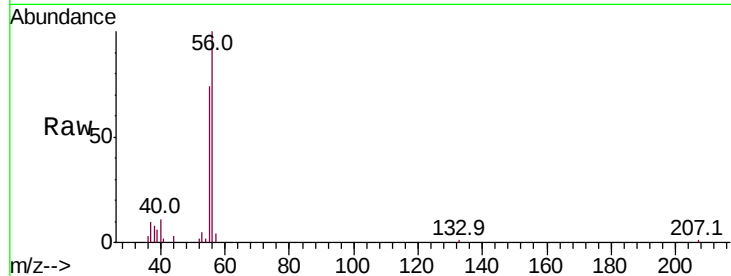
VSTDCCC050EC

Tot Ion: 56 Resp: 73634

Ion Ratio Lower Upper

56 100

55 70.1 60.3 90.5



#14

Allyl chloride

Concen: 51.475 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

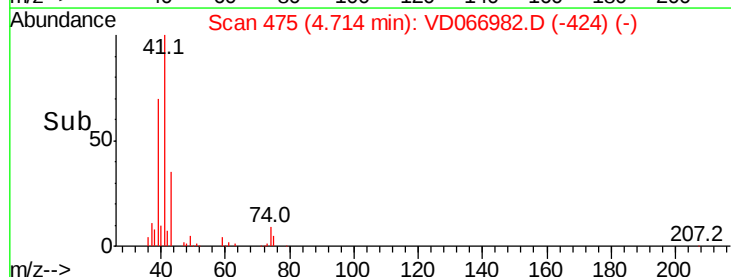
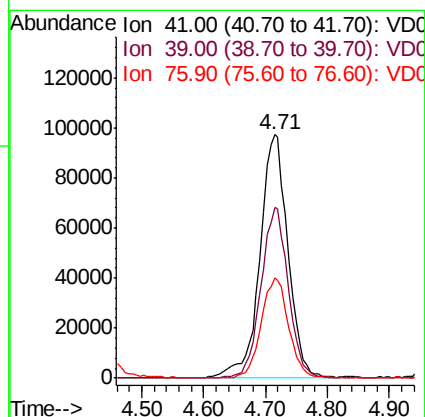
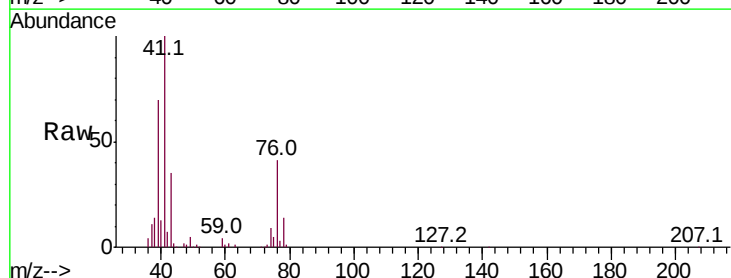
Tgt Ion: 41 Resp: 307414

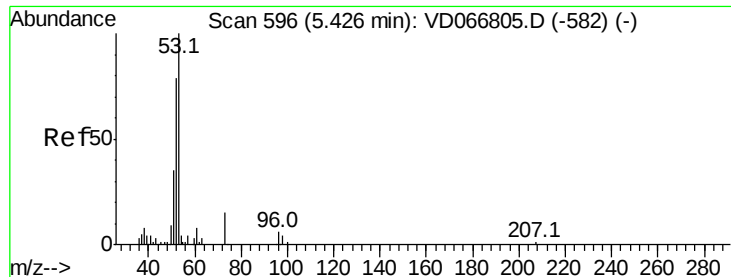
Ion Ratio Lower Upper

41 100

39 68.2 57.8 86.8

76 40.2 30.9 46.3





#15

Acrylonitrile

Concen: 282.455 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

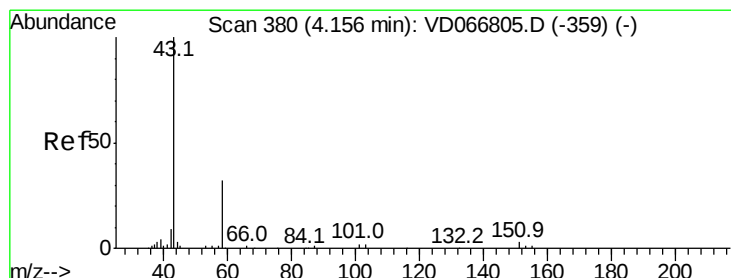
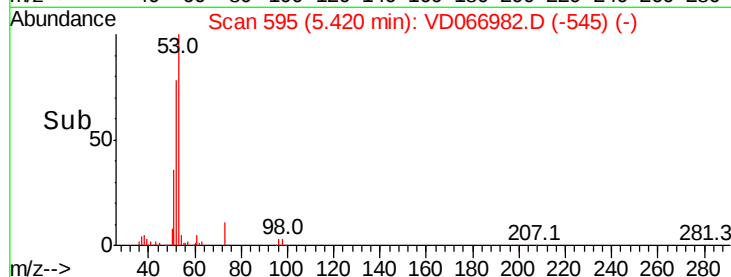
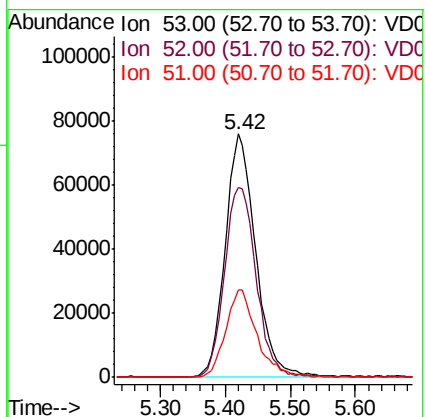
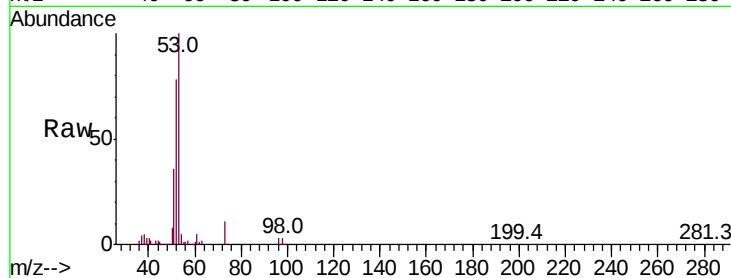
Tot Ion: 53 Resp: 246045

Ion Ratio Lower Upper

53 100

52 81.5 65.2 97.8

51 36.9 30.6 46.0



#16

Acetone

Concen: 208.342 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066982.D

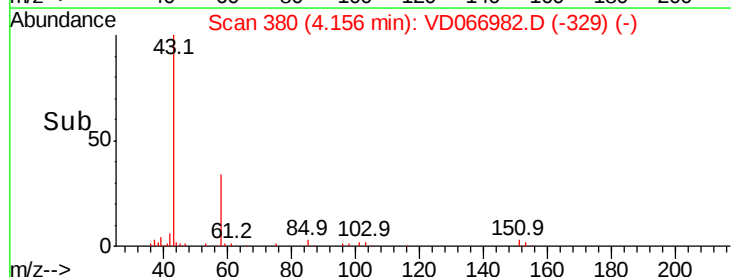
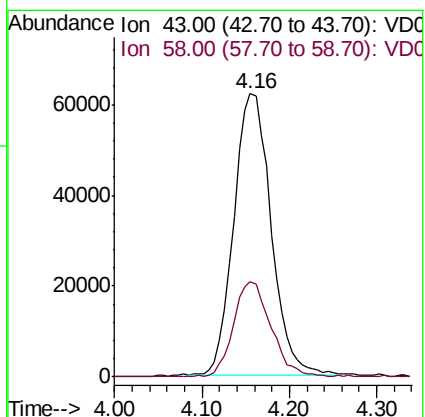
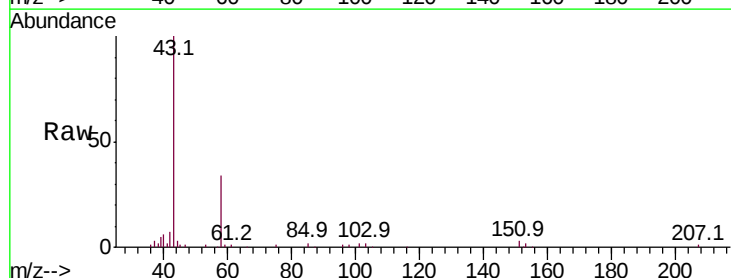
Acq: 30 Sep 2020 19:05

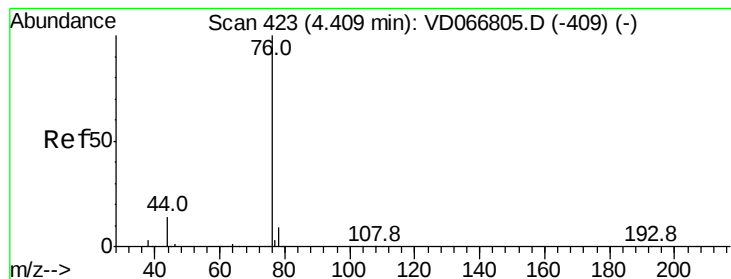
Tgt Ion: 43 Resp: 179665

Ion Ratio Lower Upper

43 100

58 33.8 25.6 38.4





#17

Carbon Disulfide

Concen: 45.460 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

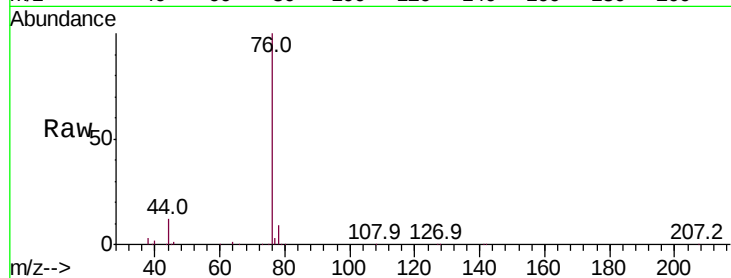
VSTDCCC050EC

Tot Ion: 76 Resp: 565255

Ion Ratio Lower Upper

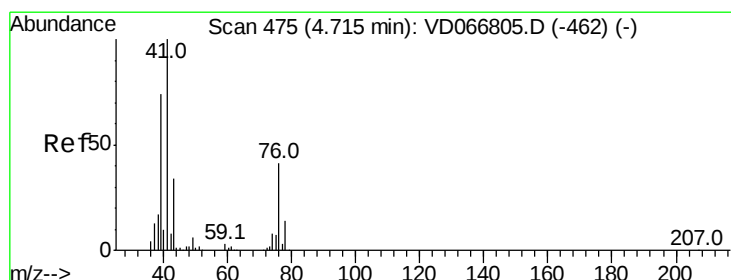
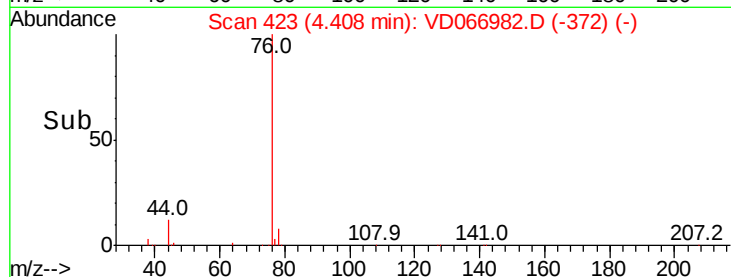
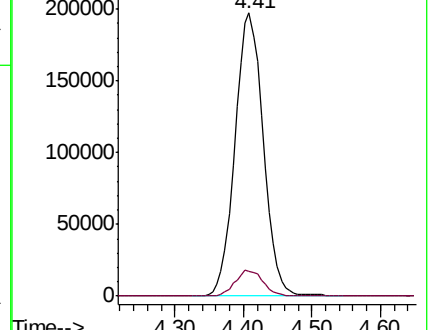
76 100

78 8.6 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 58.825 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066982.D

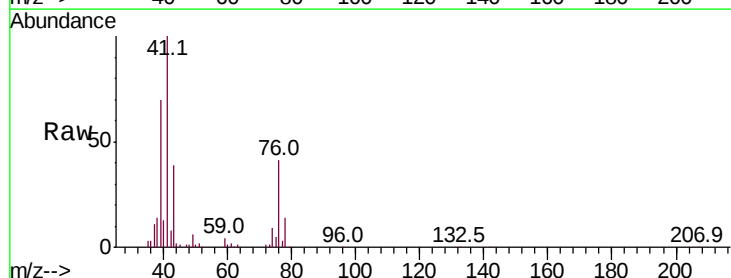
Acq: 30 Sep 2020 19:05

Tgt Ion: 43 Resp: 111954

Ion Ratio Lower Upper

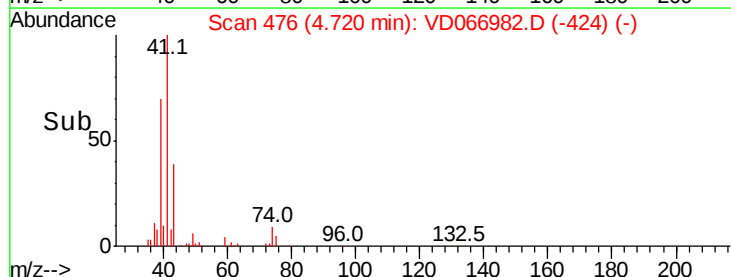
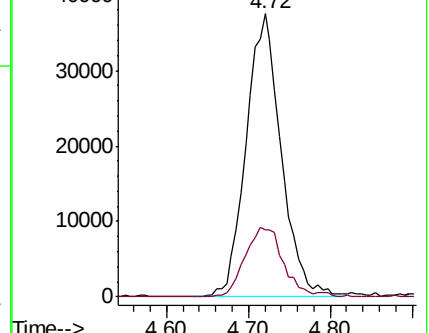
43 100

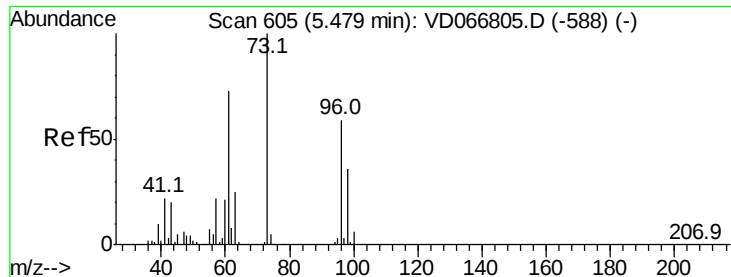
74 26.2 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



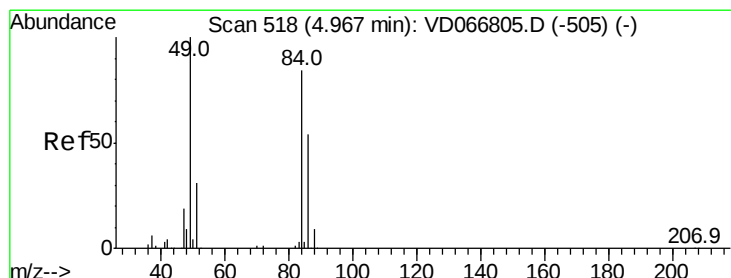
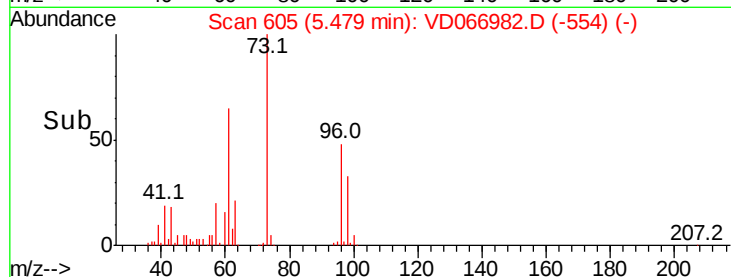
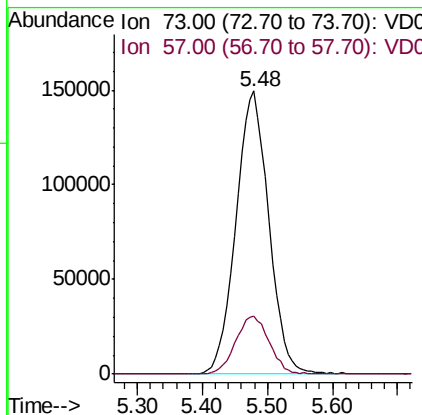
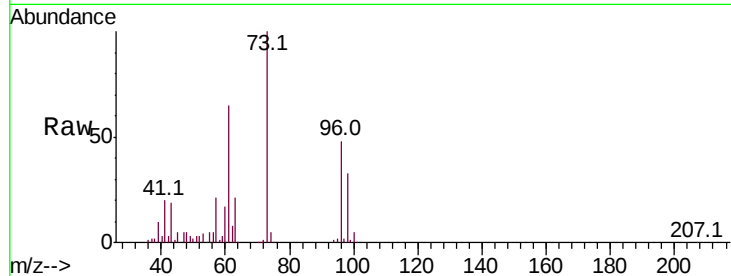


#19

Methyl tert-butyl Ether
 Concen: 59.113 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VD066982.D
 Acq: 30 Sep 2020 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

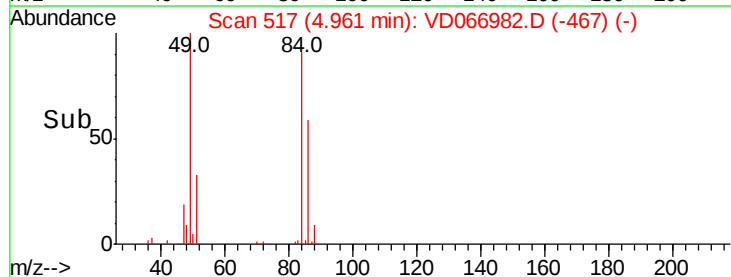
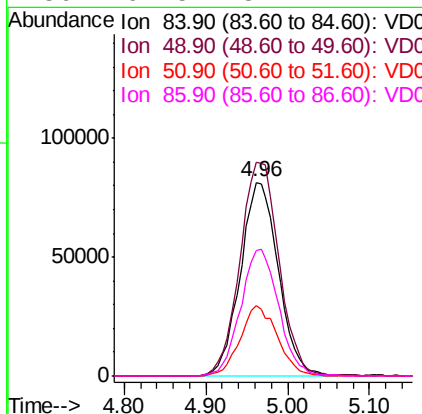
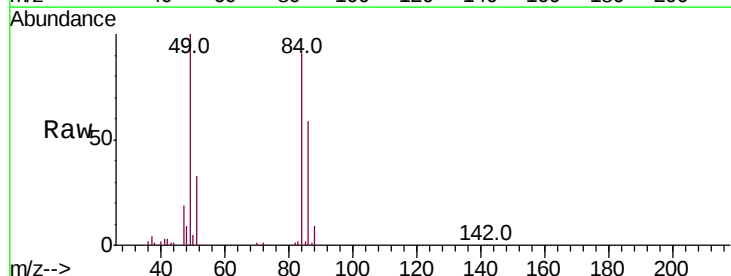
Tot Ion: 73 Resp: 522108
 Ion Ratio Lower Upper
 73 100
 57 20.6 17.4 26.2

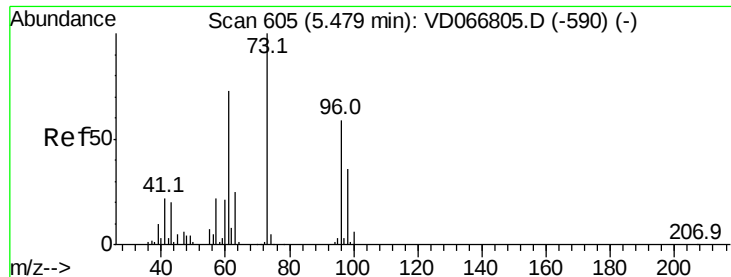


#20

Methylene Chloride
 Concen: 57.455 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD066982.D
 Acq: 30 Sep 2020 19:05

Tgt Ion: 84 Resp: 263362
 Ion Ratio Lower Upper
 84 100
 49 110.2 95.4 143.2
 51 36.4 29.7 44.5
 86 64.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 52.414 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

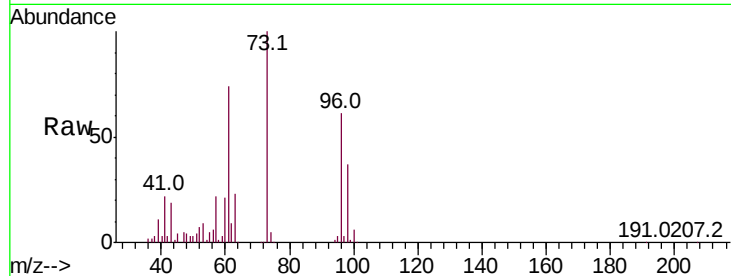
Tot Ion: 96 Resp: 246830

Ion Ratio Lower Upper

96 100

61 121.6 98.9 148.3

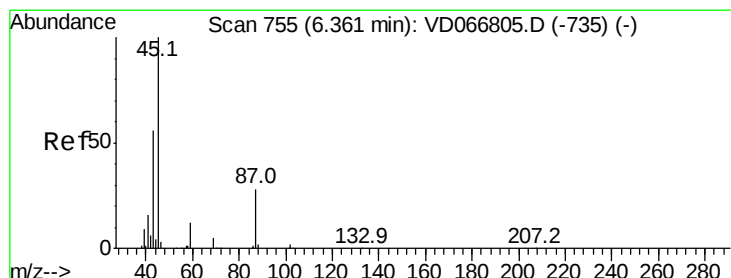
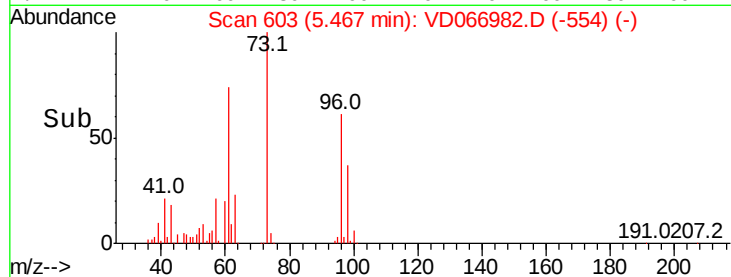
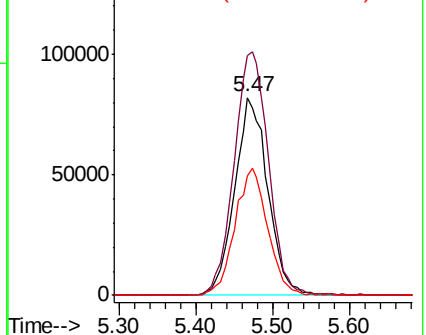
98 60.1 48.4 72.6



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



#22

Diisopropyl ether

Concen: 54.825 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Tgt Ion: 45 Resp: 673209

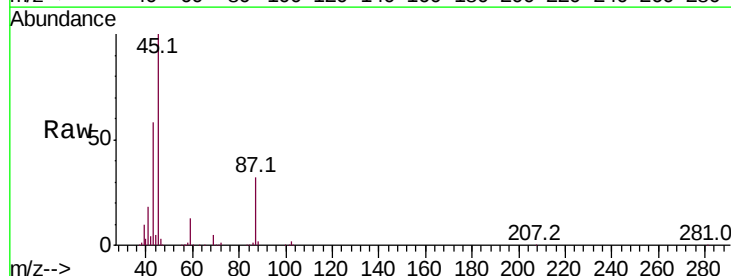
Ion Ratio Lower Upper

45 100

43 57.7 44.5 66.7

87 31.7 22.9 34.3

59 12.8 9.4 14.0

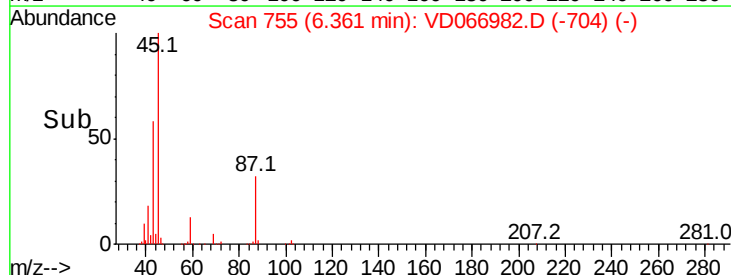
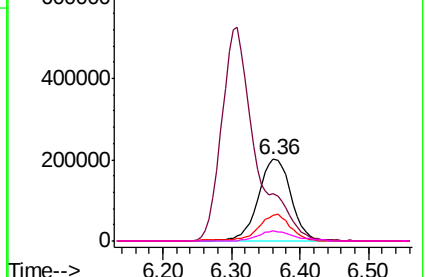


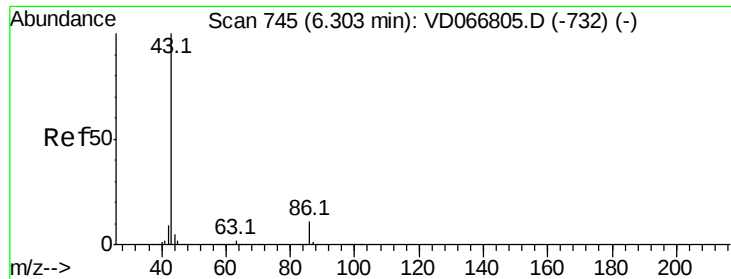
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 271.069 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

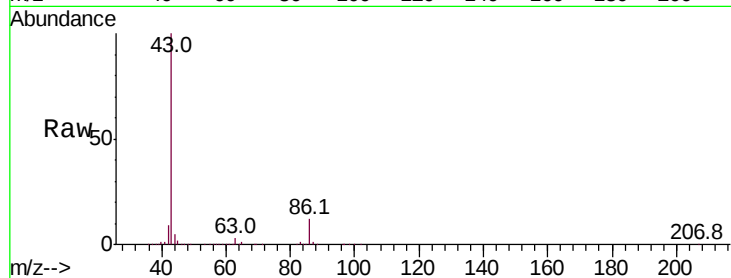
VSTDCCC050EC

Tot Ion: 43 Resp: 1808678

Ion Ratio Lower Upper

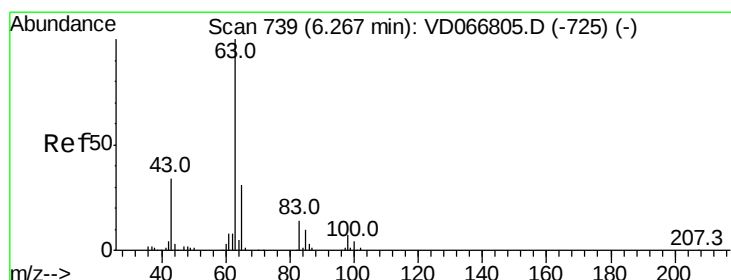
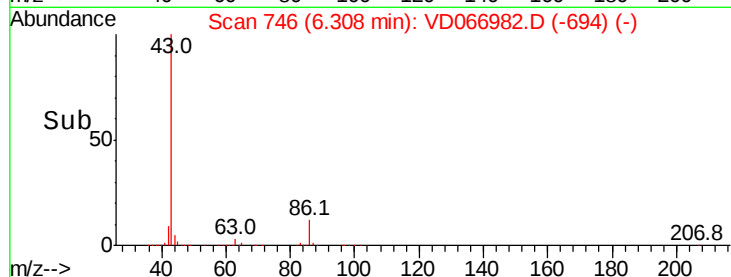
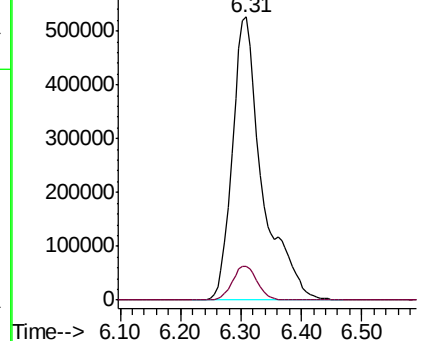
43 100

86 12.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 51.362 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

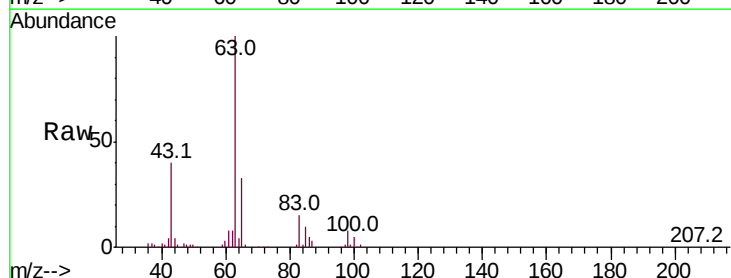
Tgt Ion: 63 Resp: 421919

Ion Ratio Lower Upper

63 100

98 8.2 3.7 11.1

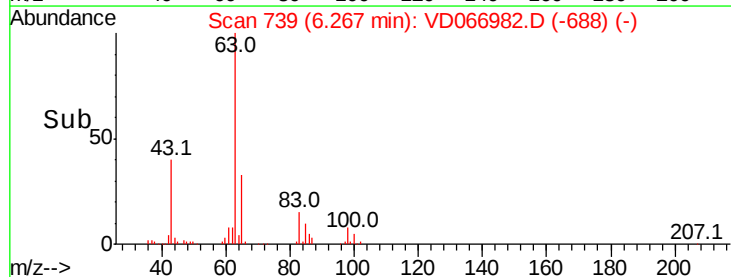
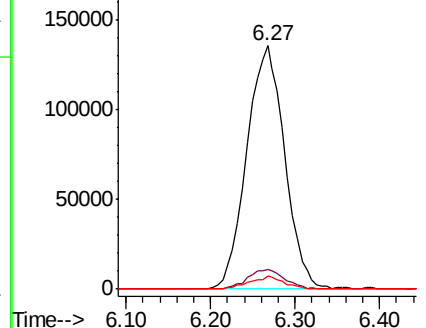
100 5.2 1.8 5.5

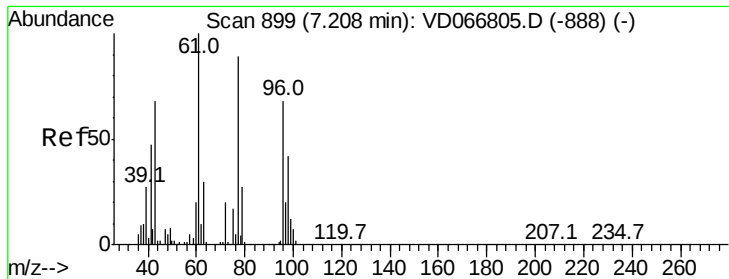


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 274.037 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

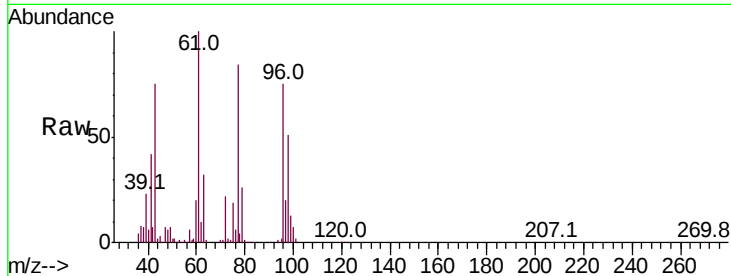
VSTDCCC050EC

Tot Ion: 43 Resp: 283991

Ion Ratio Lower Upper

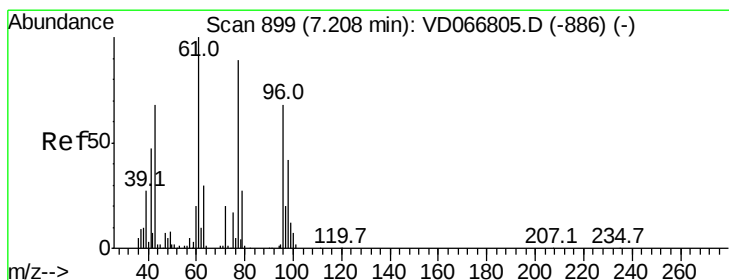
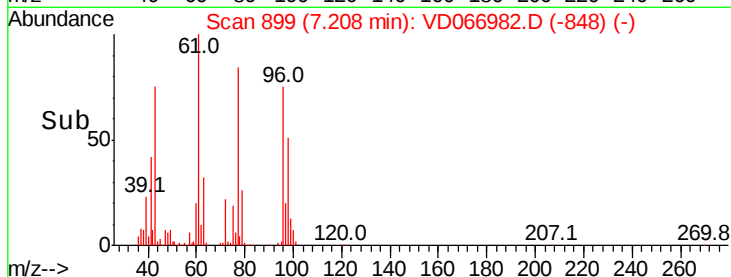
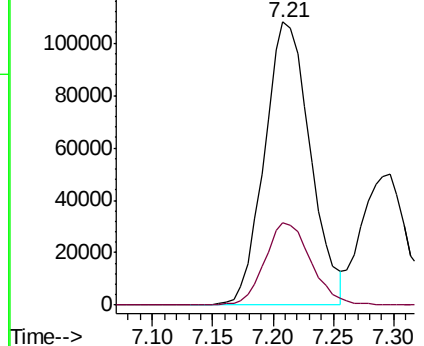
43 100

72 29.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 46.149 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066982.D

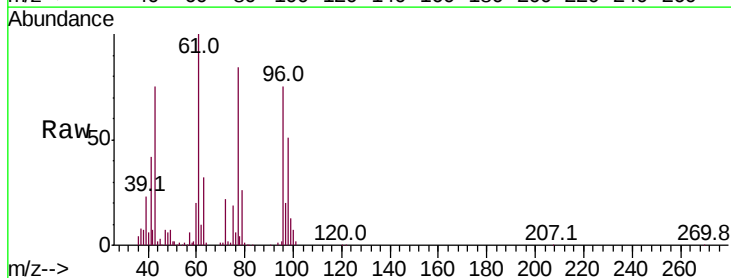
Acq: 30 Sep 2020 19:05

Tgt Ion: 77 Resp: 347464

Ion Ratio Lower Upper

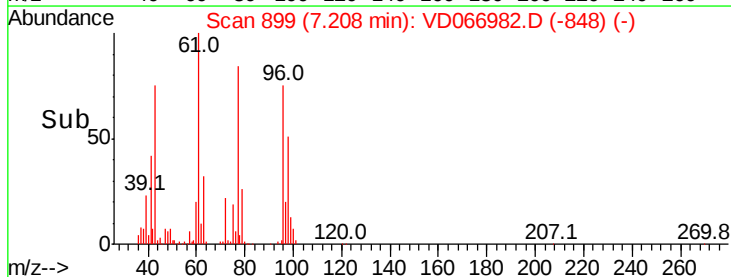
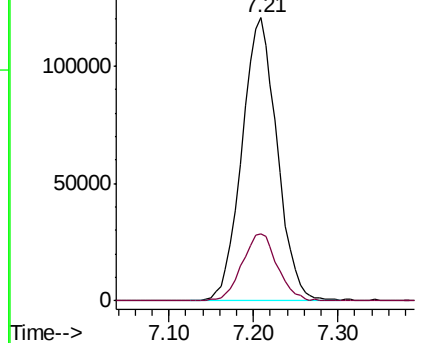
77 100

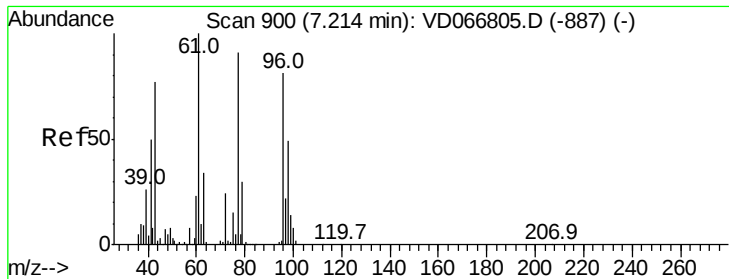
97 24.0 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



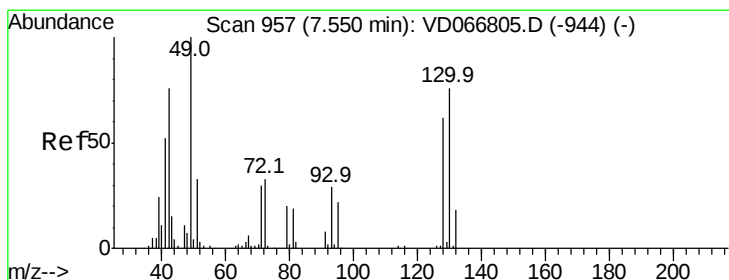
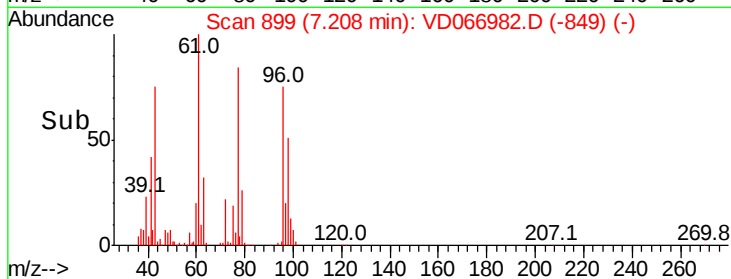
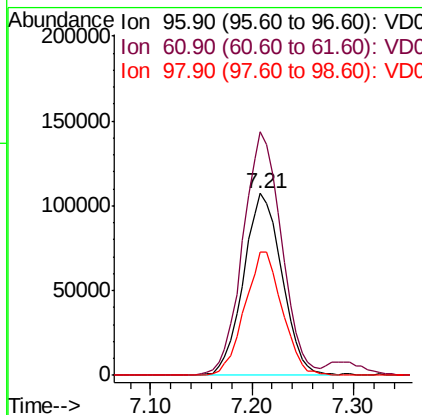
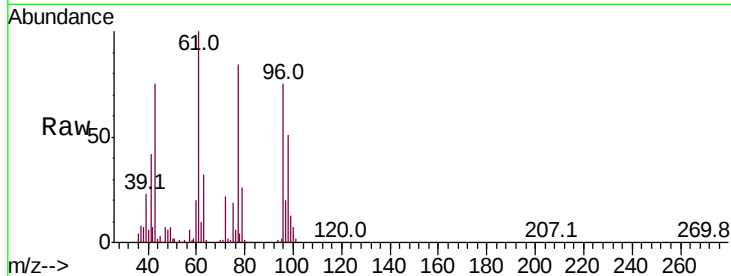


#27

cis-1,2-Dichloroethene
 Concen: 55.317 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066982.D
 Acq: 30 Sep 2020 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

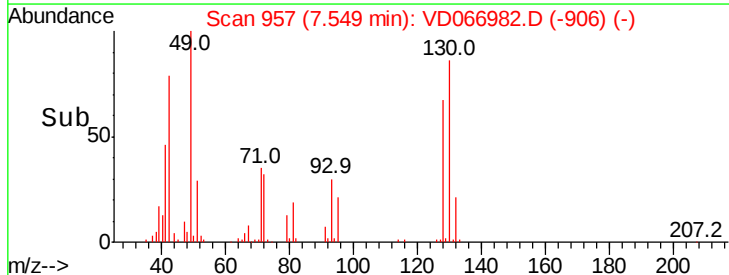
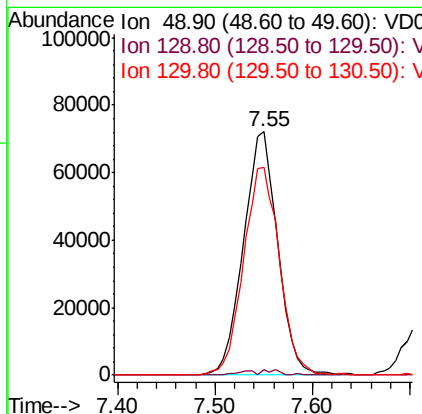
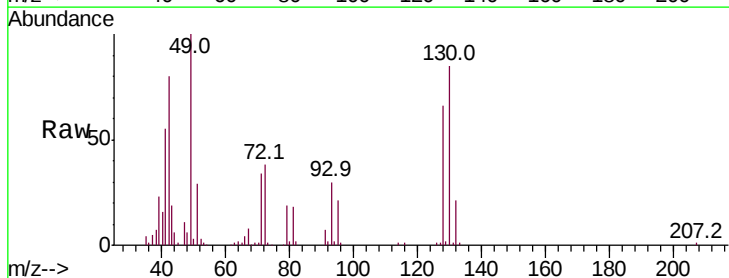
Tot Ion	96	Resp	283038
Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	283.8
98	66.2	0.0	128.4

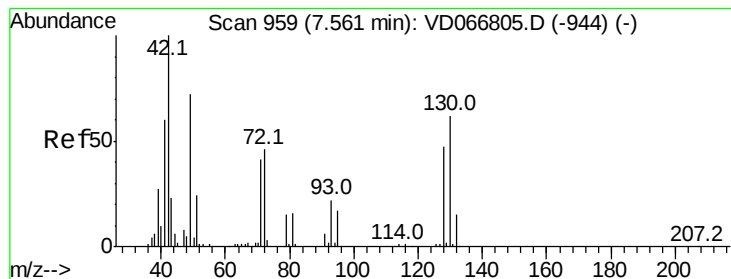


#28

Bromochloromethane
 Concen: 51.847 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD066982.D
 Acq: 30 Sep 2020 19:05

Tgt Ion	49	Resp	175951
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.0
130	89.6	65.9	98.9





#29

Tetrahydrofuran

Concen: 283.714 ug/l

RT: 7.56 min Scan# 959

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

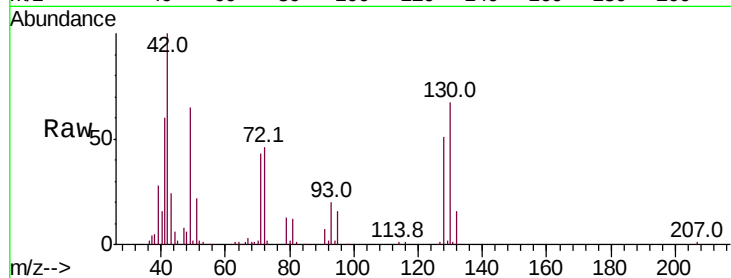
Tot Ion: 42 Resp: 188393

Ion Ratio Lower Upper

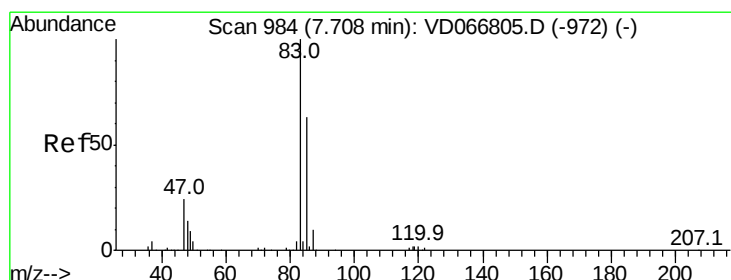
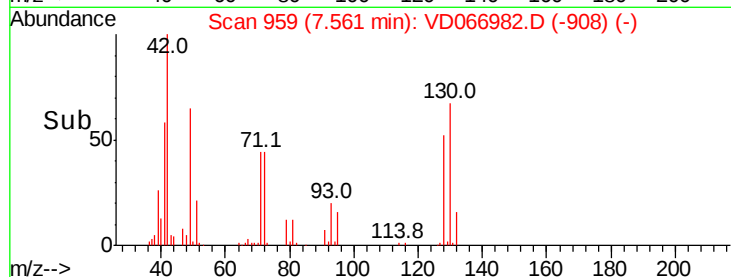
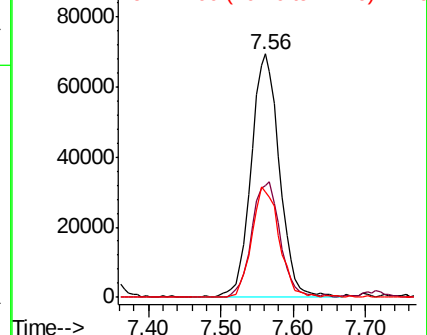
42 100

72 47.5 36.2 54.4

71 43.6 32.4 48.6



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: 52.631 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066982.D

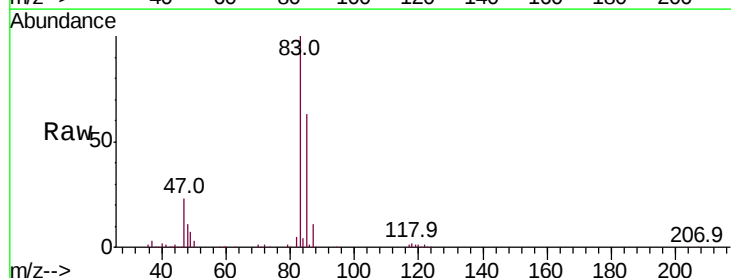
Acq: 30 Sep 2020 19:05

Tgt Ion: 83 Resp: 466047

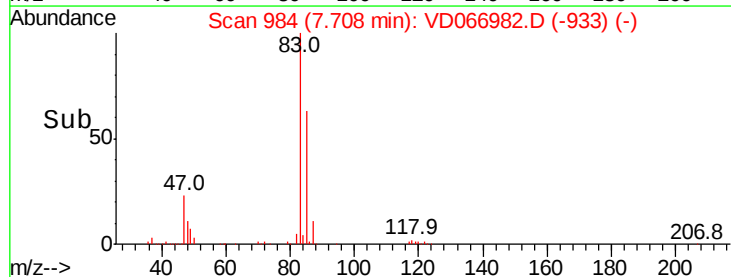
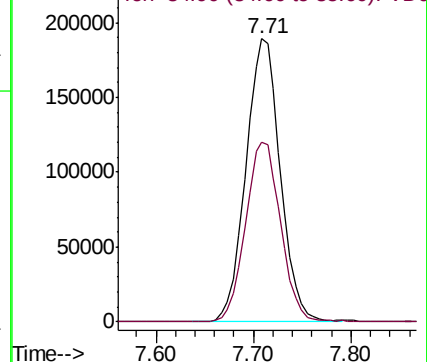
Ion Ratio Lower Upper

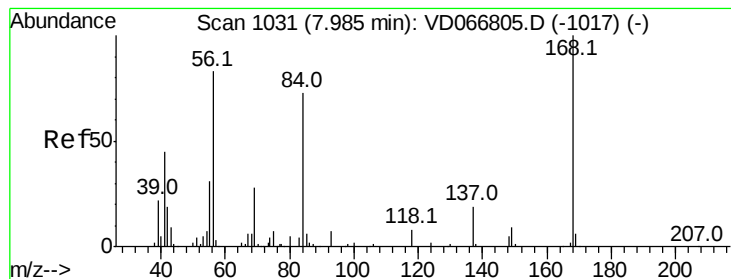
83 100

85 63.4 50.6 75.8



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





#31

Cyclohexane

Concen: 44.285 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

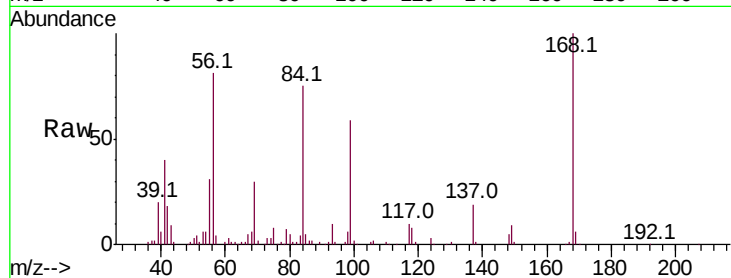
Tot Ion: 56 Resp: 327335

Ion Ratio Lower Upper

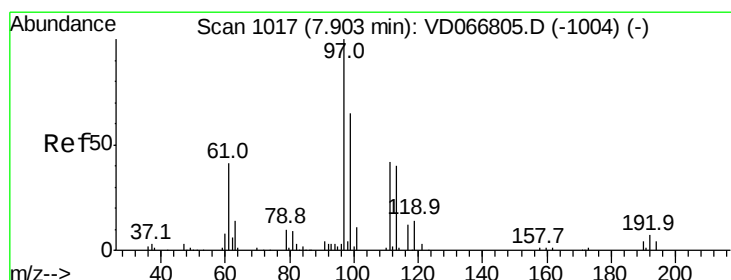
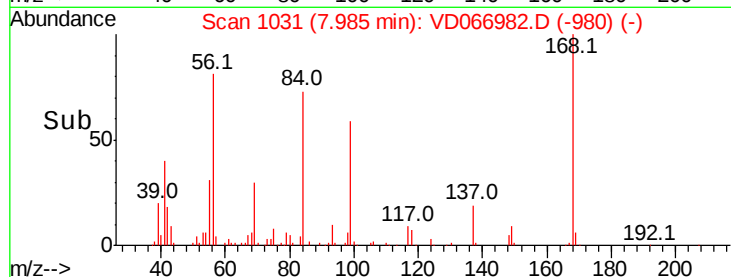
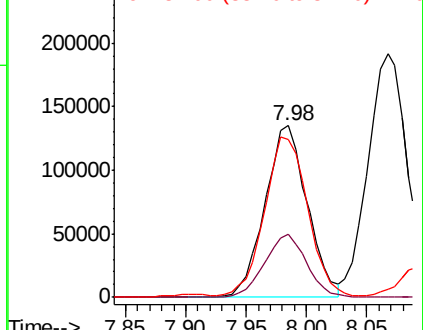
56 100

69 36.9 27.0 40.4

84 90.3 70.2 105.4



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: 50.907 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

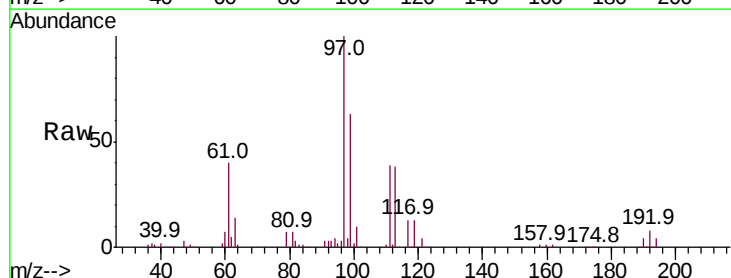
Tgt Ion: 97 Resp: 407779

Ion Ratio Lower Upper

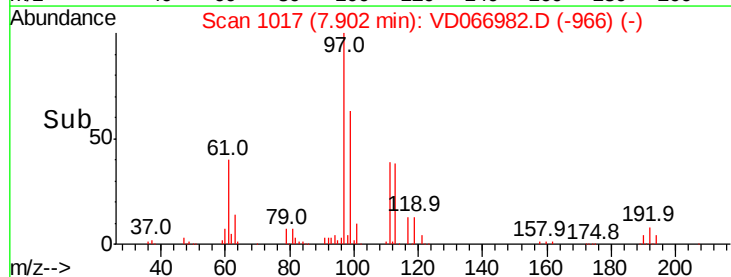
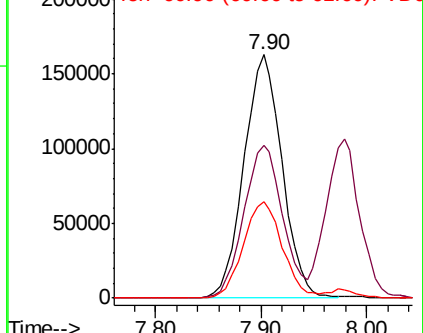
97 100

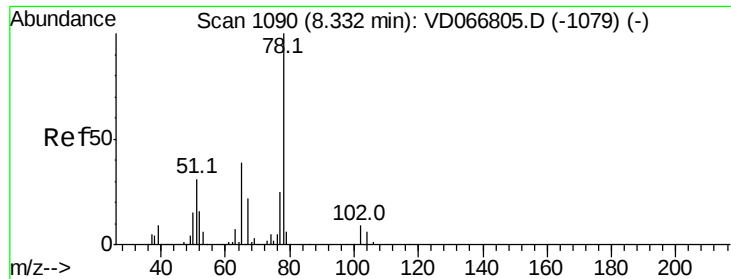
99 64.2 51.5 77.3

61 40.6 34.2 51.4



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: 44.858 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

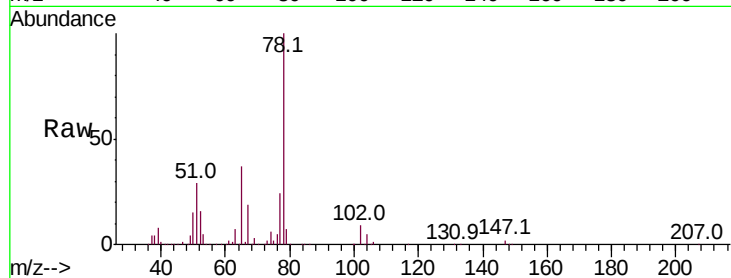
VSTDCCC050EC

Tot Ion: 65 Resp: 182354

Ion Ratio Lower Upper

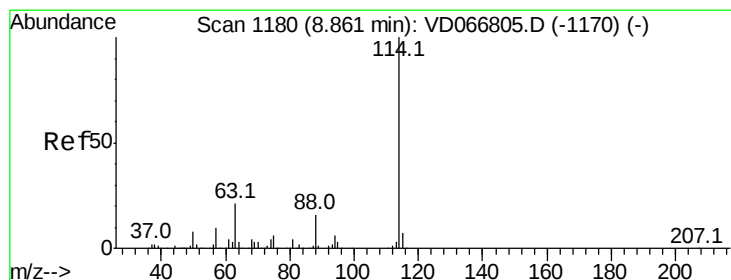
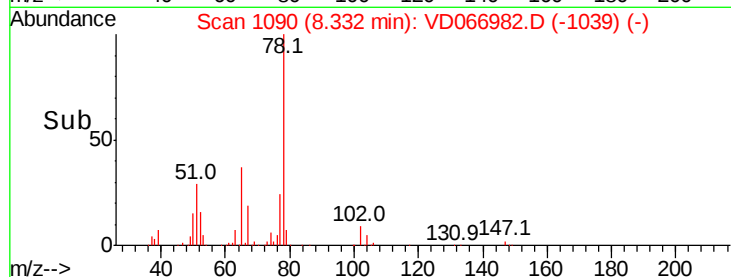
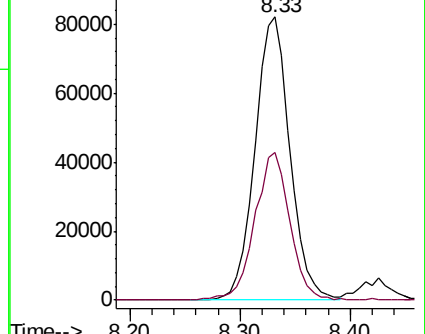
65 100

67 52.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

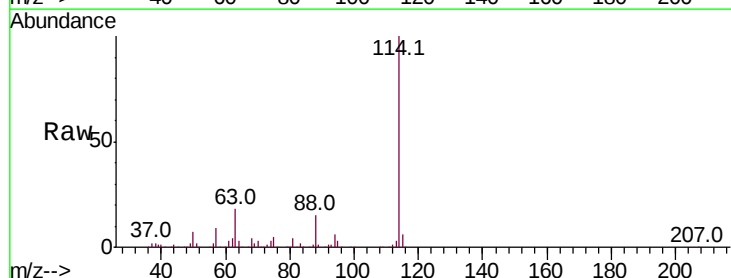
Tgt Ion: 114 Resp: 685386

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.6

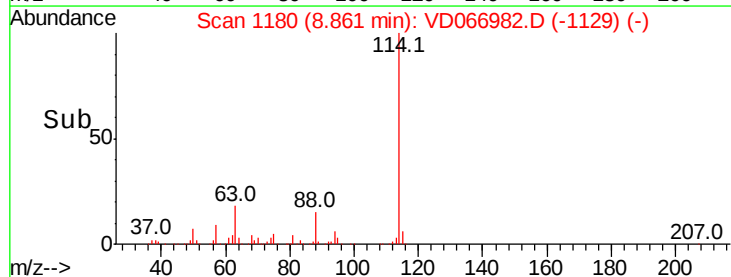
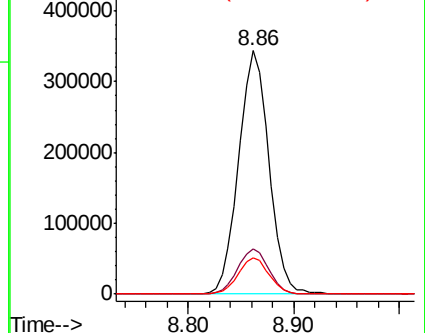
88 15.1 0.0 32.6

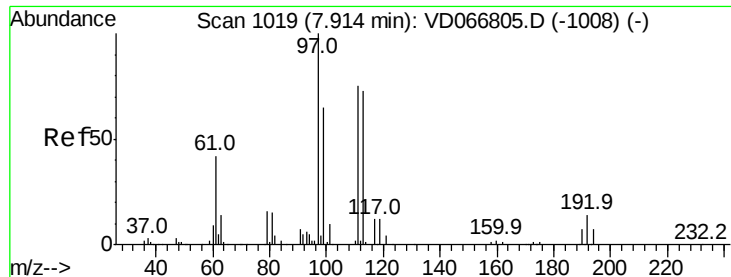


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

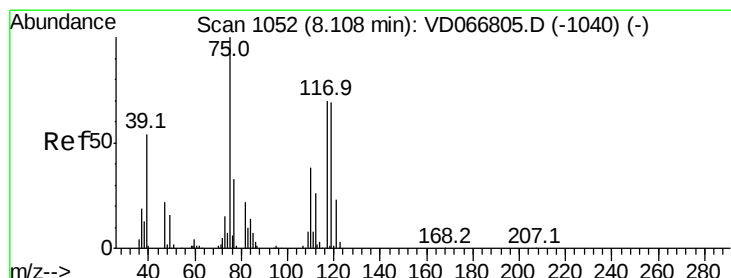
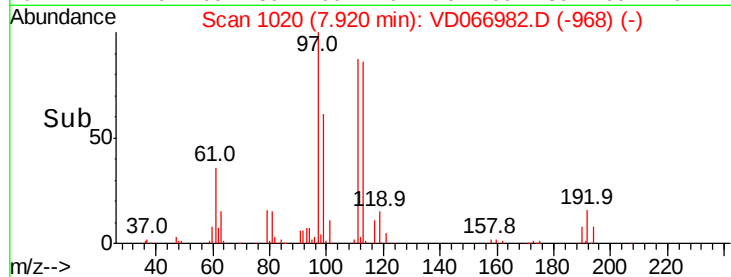
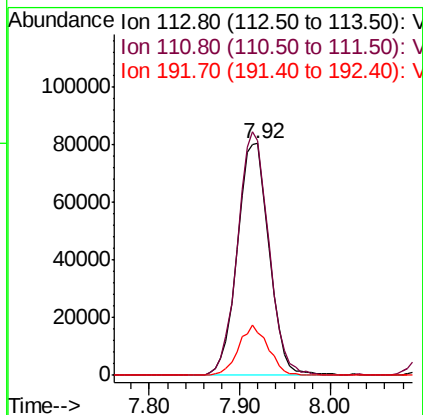
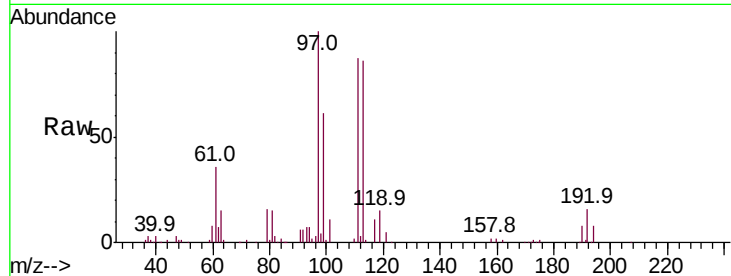




#35
Dibromofluoromethane
Concen: 45.024 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

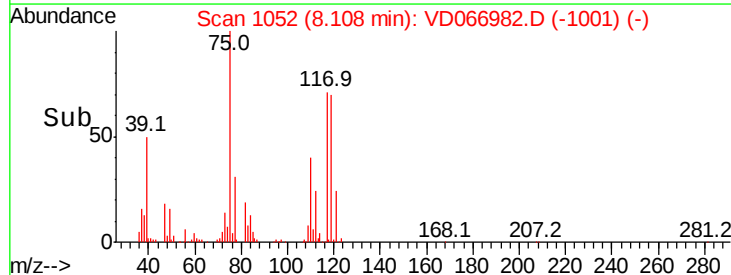
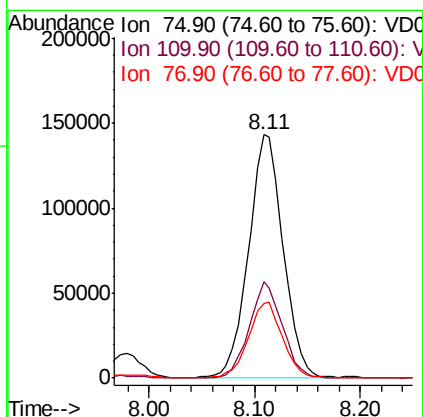
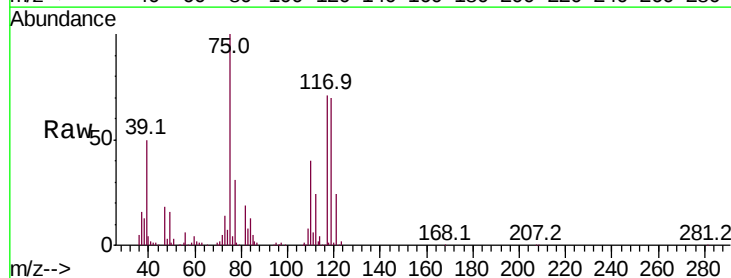
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

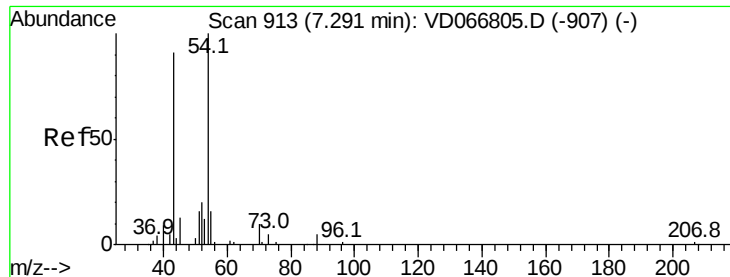
Tot Ion:113 Resp: 196323
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 20.0 14.4 21.6



#36
1,1-Dichloropropene
Concen: 47.895 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion: 75 Resp: 325669
Ion Ratio Lower Upper
75 100
110 37.8 17.9 53.8
77 31.1 25.0 37.6

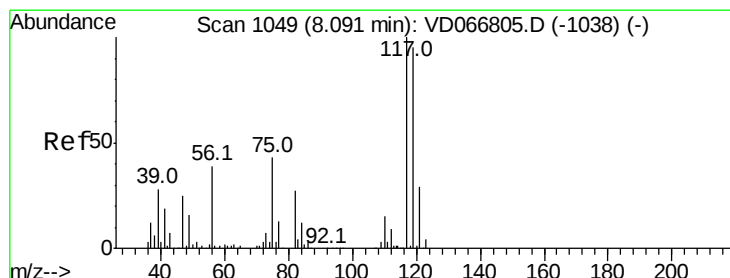
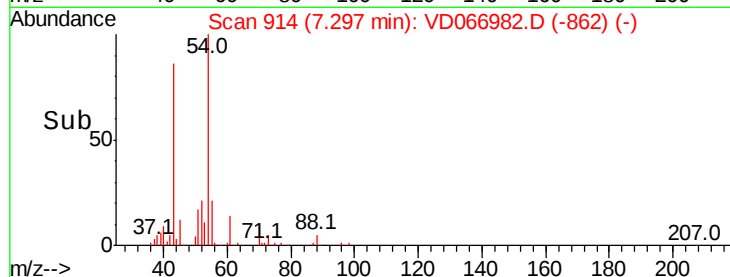
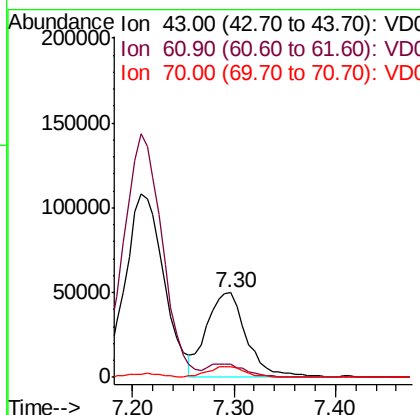
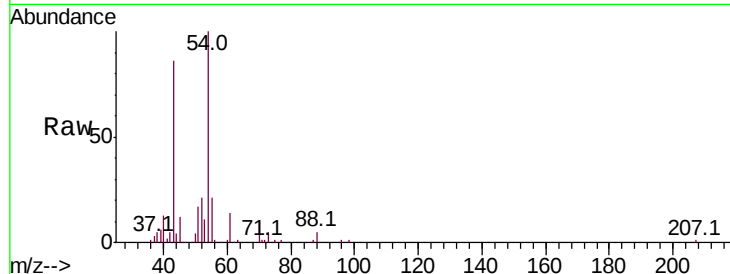




#37
Ethyl Acetate
Concen: 54.561 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

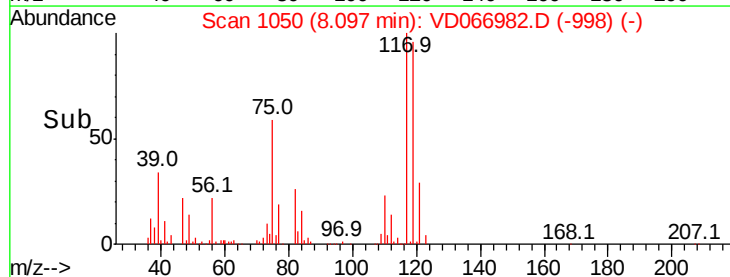
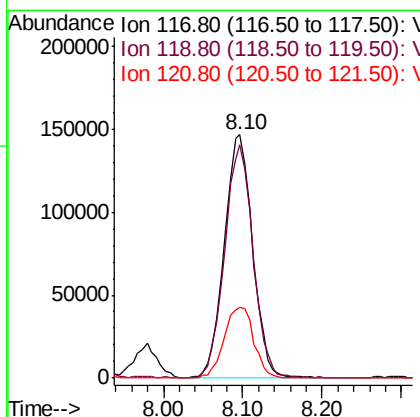
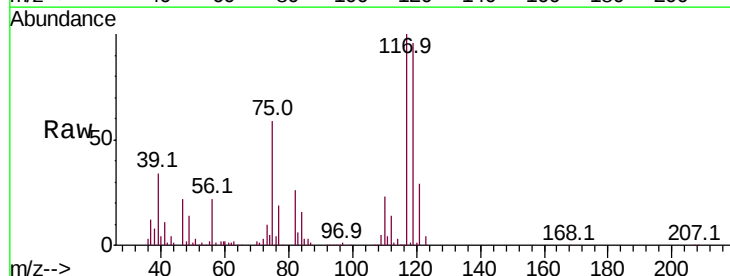
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

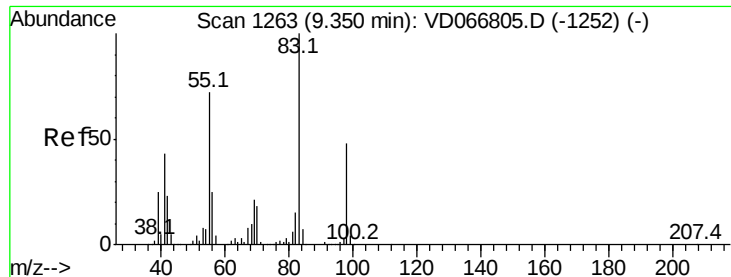
Tot Ion: 43 Resp: 134117
Ion Ratio Lower Upper
43 100
61 14.8 9.8 14.8#
70 11.9 8.5 12.7



#38
Carbon Tetrachloride
Concen: 48.539 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion: 117 Resp: 360831
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
121 29.2 23.4 35.0

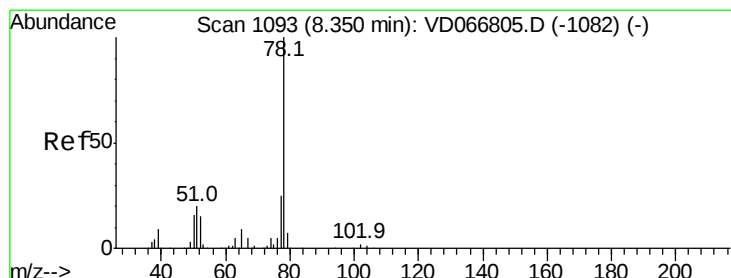
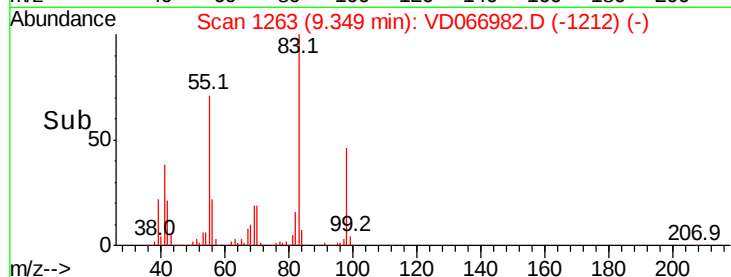
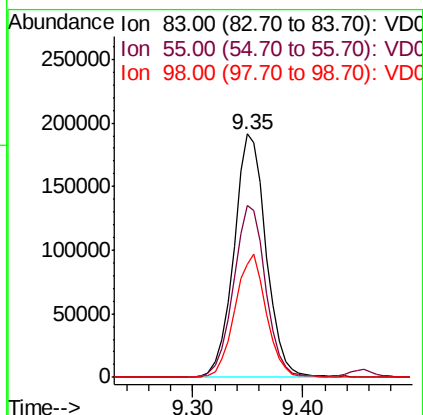
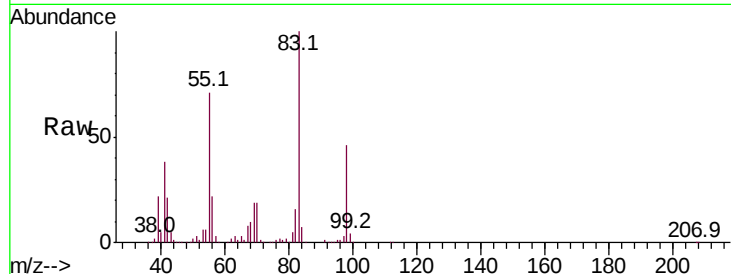




#39
Methvlcvclohexane
Concen: 50.062 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

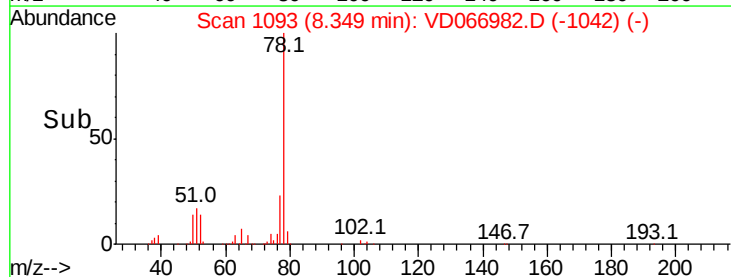
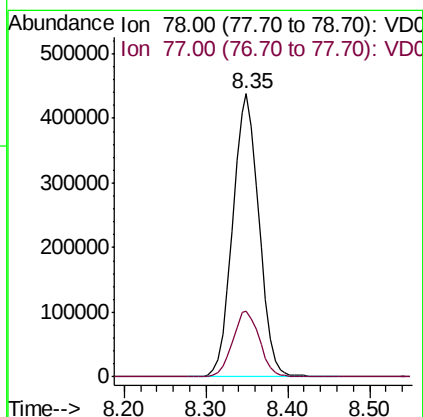
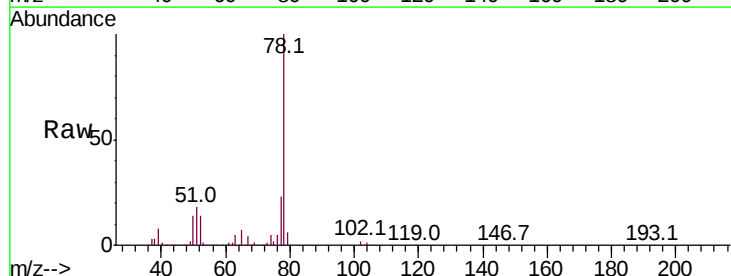
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

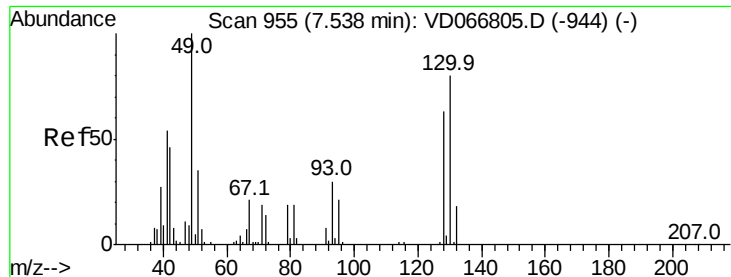
Tot Ion	83	Resp	390828
Ion Ratio	100	Lower	Upper
55	70.7	57.7	86.5
98	46.3	38.4	57.6



#40
Benzene
Concen: 51.632 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion	78	Resp	978449
Ion Ratio	100	Lower	Upper
77	23.1	19.9	29.9

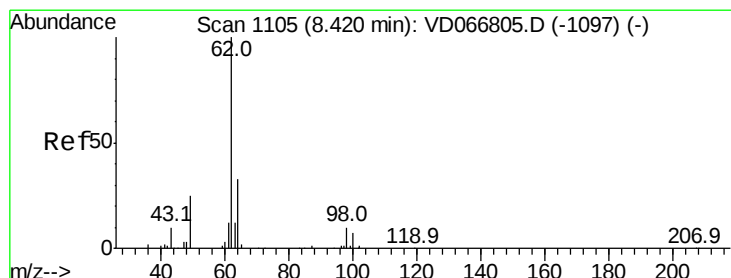
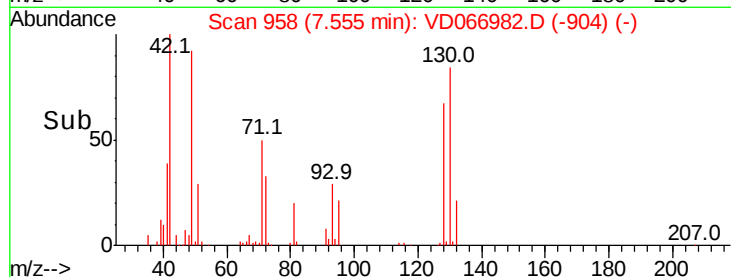
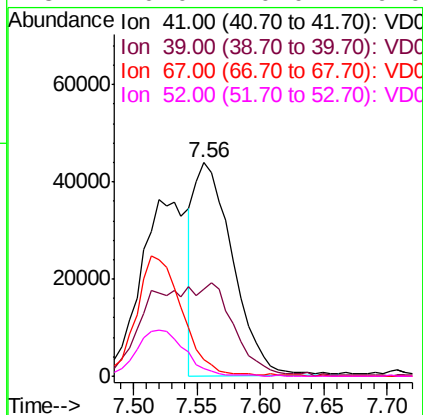
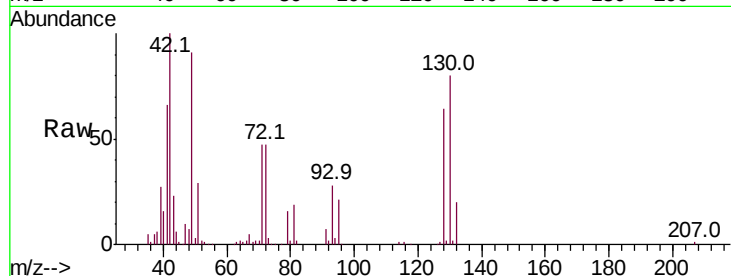




#41
Methacrylonitrile
Concen: 60.759 ug/l
RT: 7.56 min Scan# 958
Delta R.T. 0.02 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

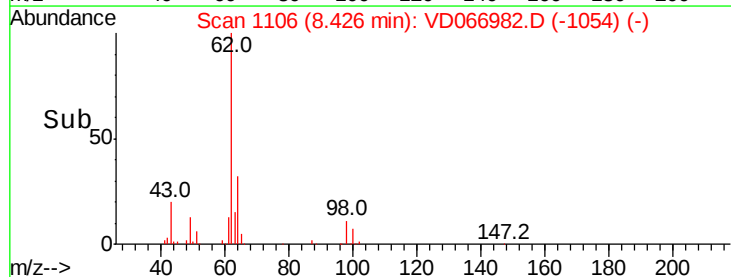
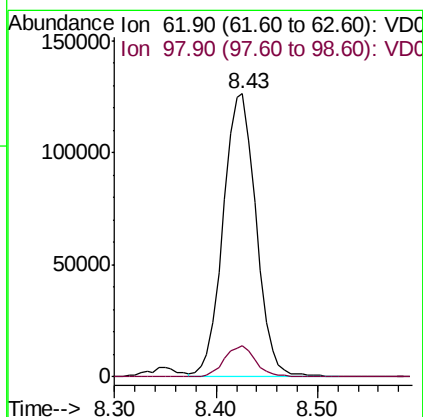
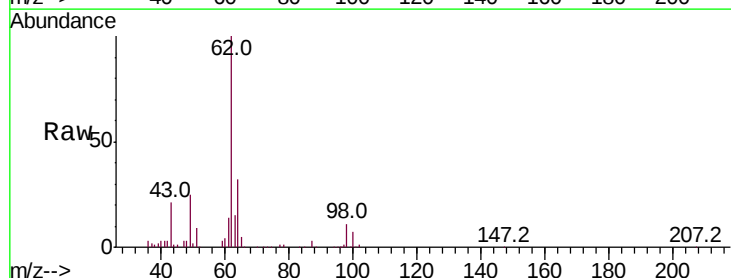
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

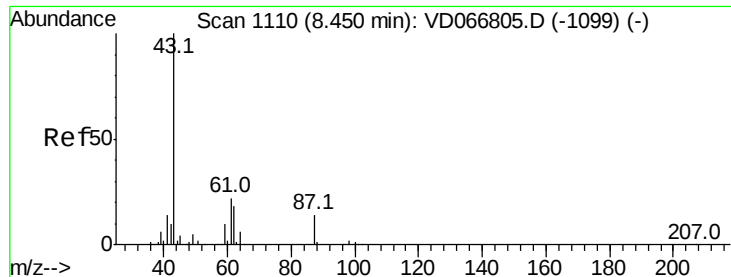
Tot Ion:	41	Resp:	91846
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.753 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion:	62	Resp:	284326
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.8





#43

Isopropyl Acetate

Concen: 54.540 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

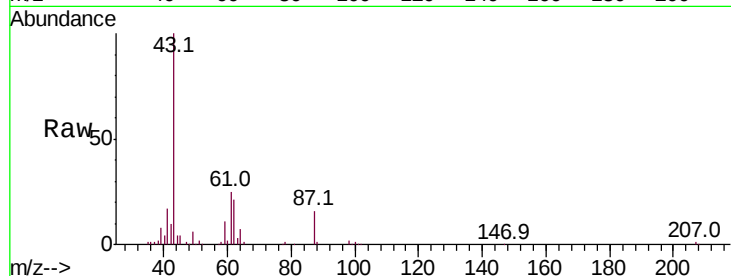
Tot Ion: 43 Resp: 258471

Ion Ratio Lower Upper

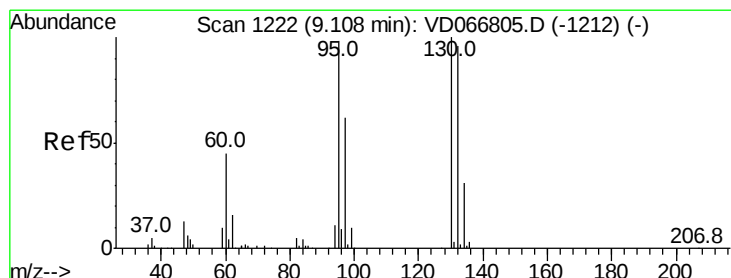
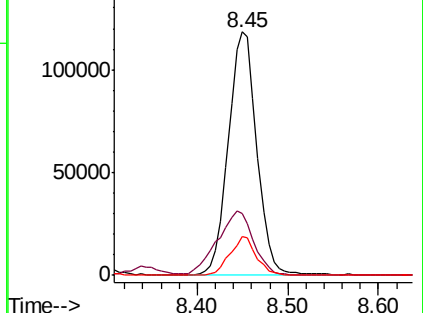
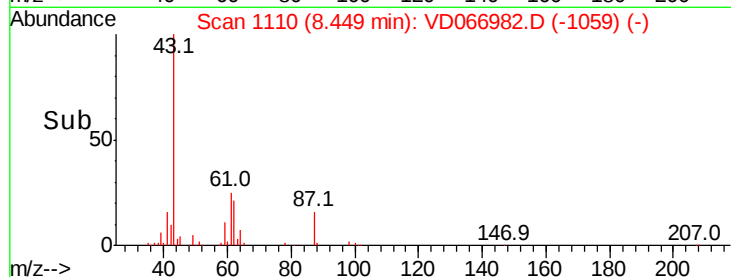
43 100

61 32.9 26.2 39.4

87 14.8 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 51.937 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066982.D

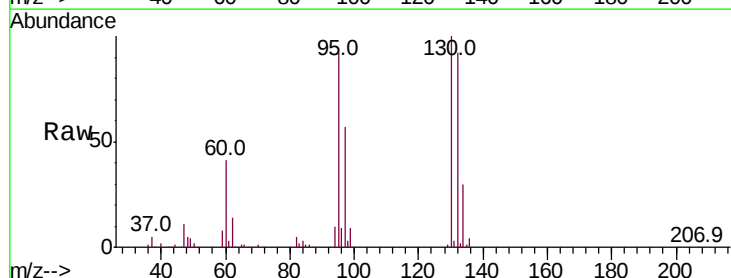
Acq: 30 Sep 2020 19:05

Tgt Ion: 130 Resp: 280539

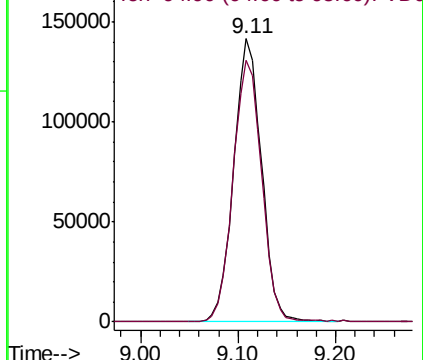
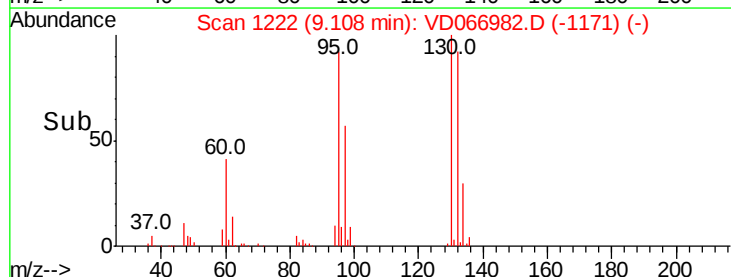
Ion Ratio Lower Upper

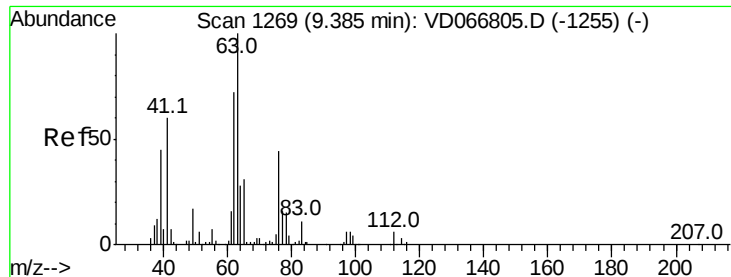
130 100

95 92.5 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 52.118 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

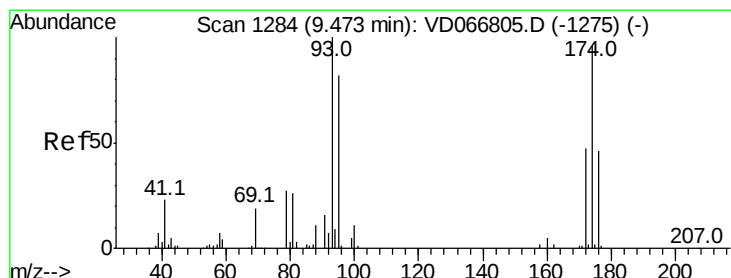
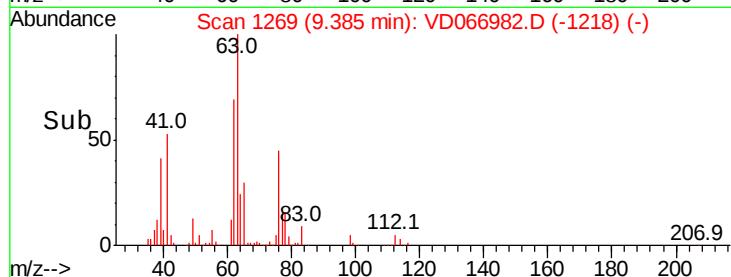
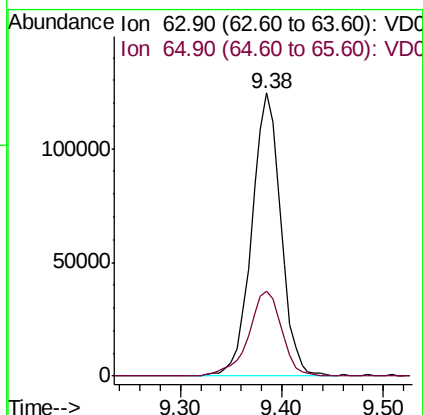
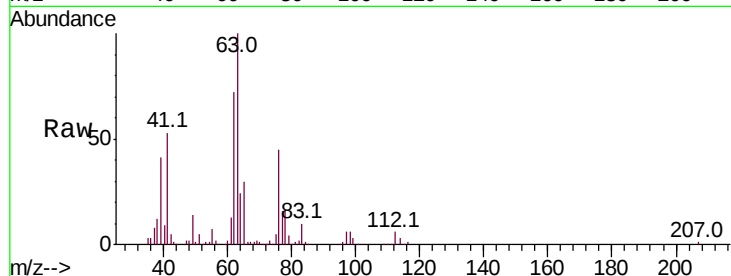
VSTDCCC050EC

Tot Ion: 63 Resp: 248495

Ion Ratio Lower Upper

63 100

65 30.1 24.7 37.1



#46

Dibromomethane

Concen: 54.849 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

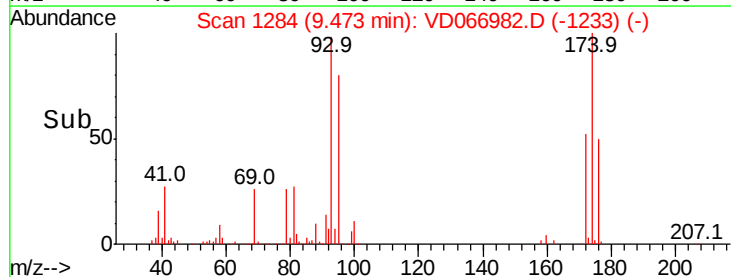
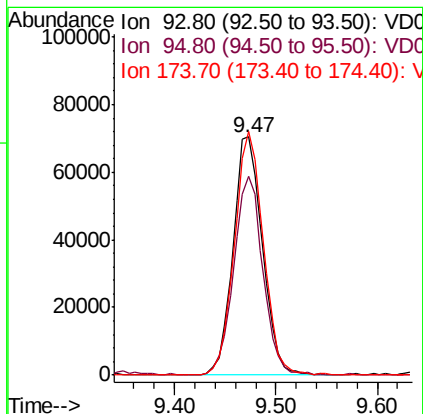
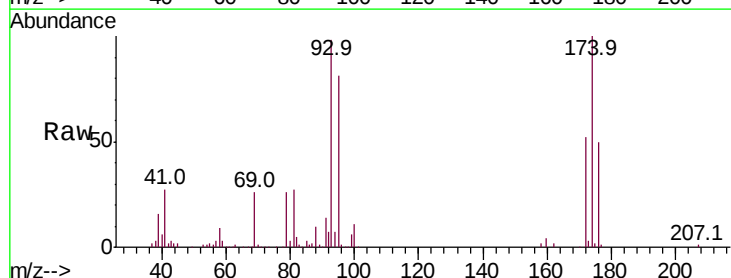
Tgt Ion: 93 Resp: 142089

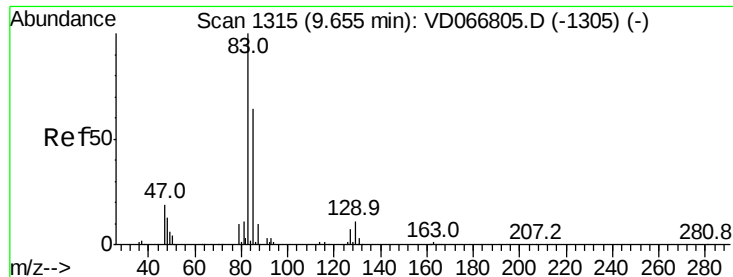
Ion Ratio Lower Upper

93 100

95 82.6 65.3 97.9

174 99.8 75.4 113.2





#47

Bromodichloromethane

Concen: 52.637 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

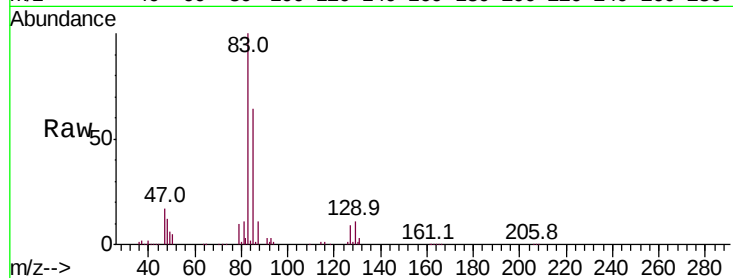
Tot Ion: 83 Resp: 366302

Ion Ratio Lower Upper

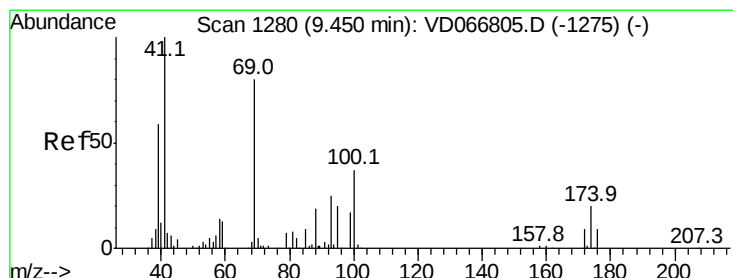
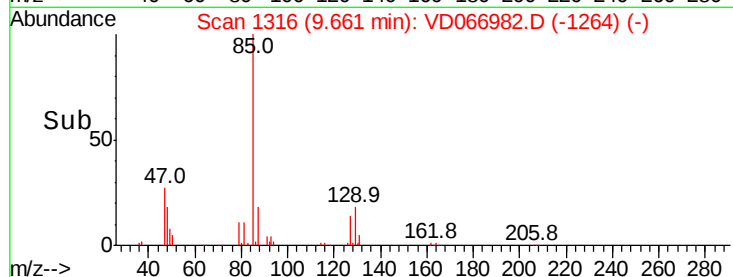
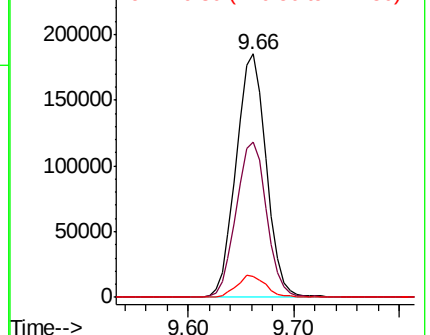
83 100

85 63.8 50.9 76.3

127 8.8 5.9 8.9



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: 52.560 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

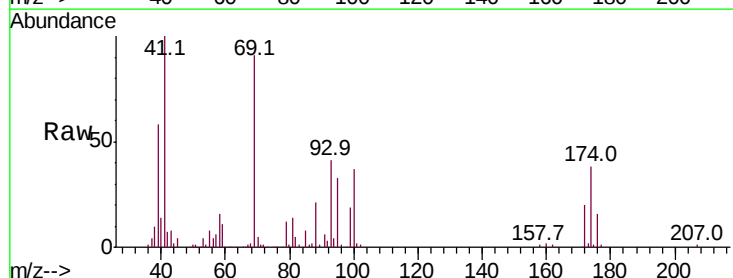
Tgt Ion: 41 Resp: 122812

Ion Ratio Lower Upper

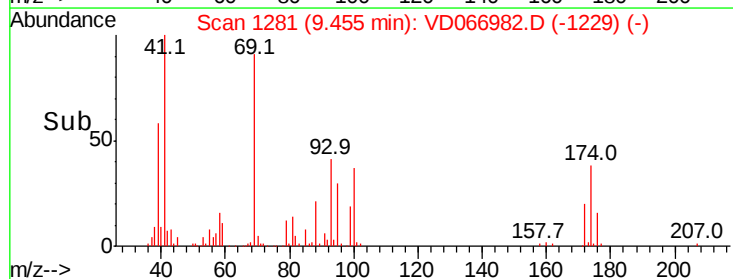
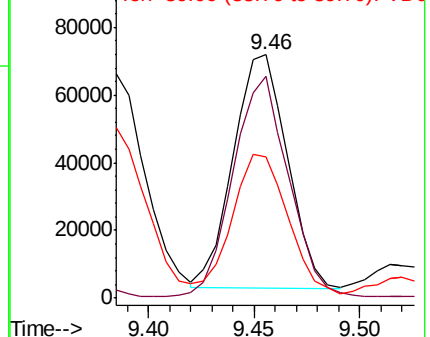
41 100

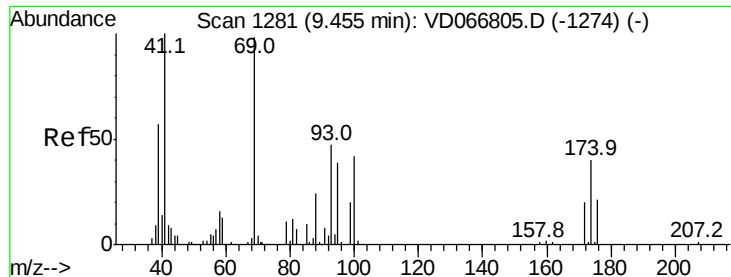
69 98.2 74.5 111.7

39 65.3 47.0 70.6



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

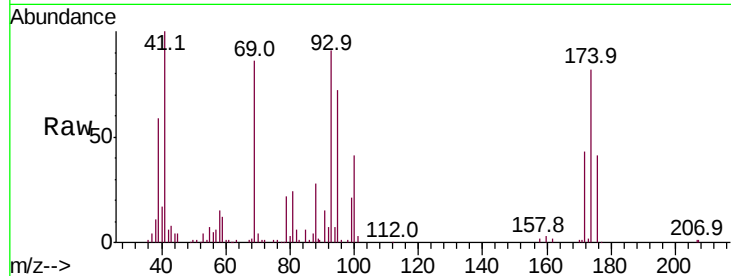




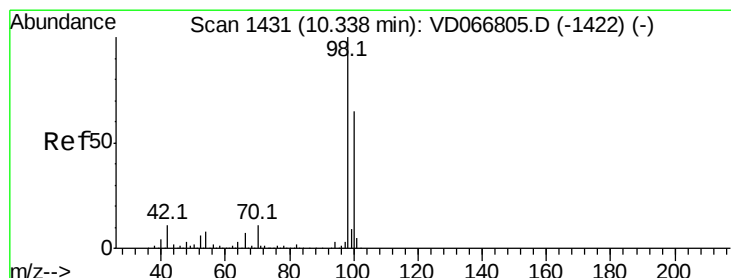
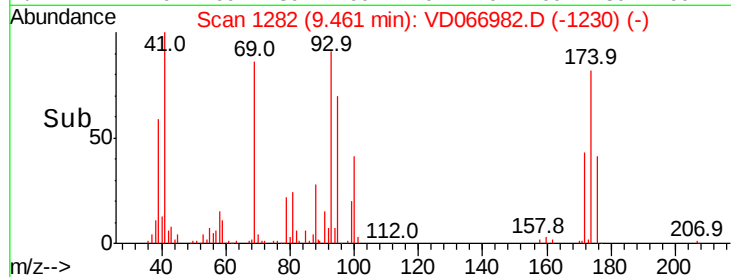
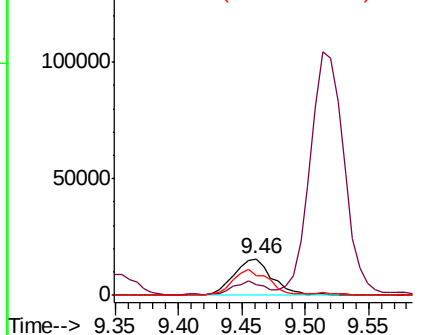
#49
1,4-Dioxane
Concen: 1133.361 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 32889
Ion Ratio Lower Upper
88 100
43 31.5 27.7 41.5
58 69.1 55.5 83.3

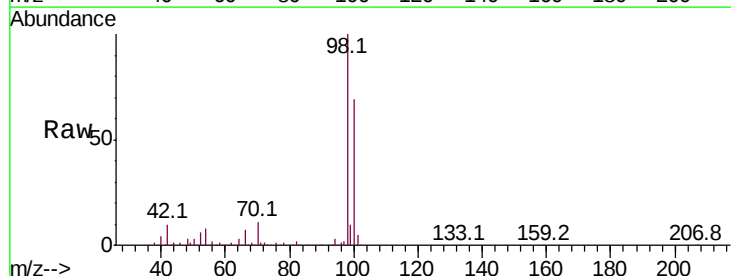


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

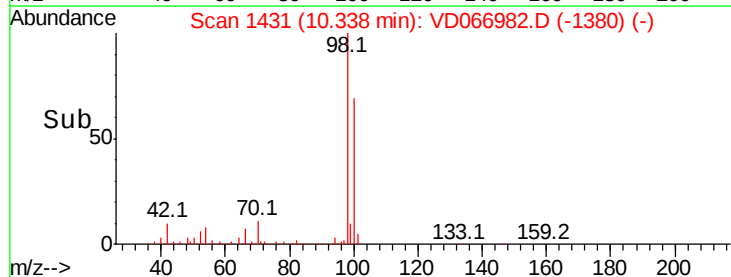
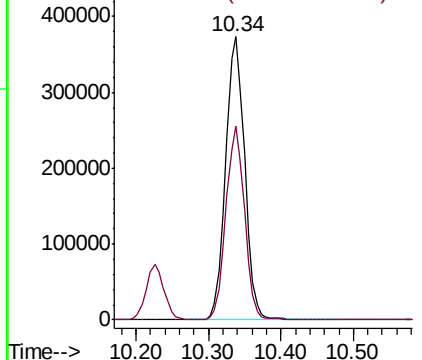


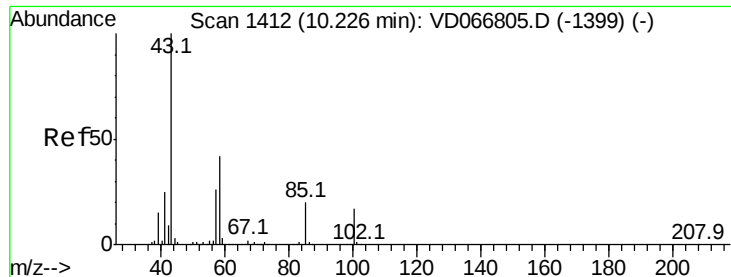
#50
Toluene-d8
Concen: 45.807 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion: 98 Resp: 680543
Ion Ratio Lower Upper
98 100
100 67.7 52.2 78.2



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: 282.695 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

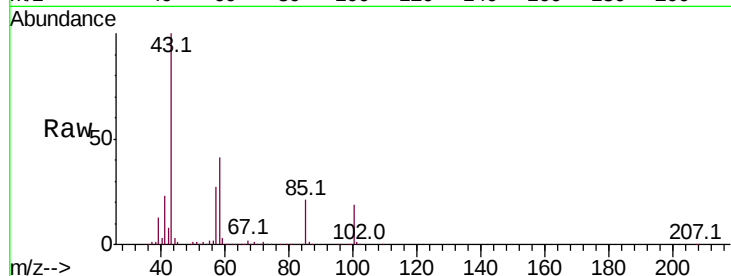
VSTDCCC050EC

Tot Ion: 43 Resp: 678844

Ion Ratio Lower Upper

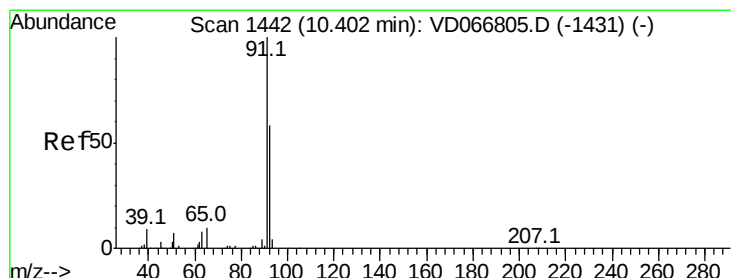
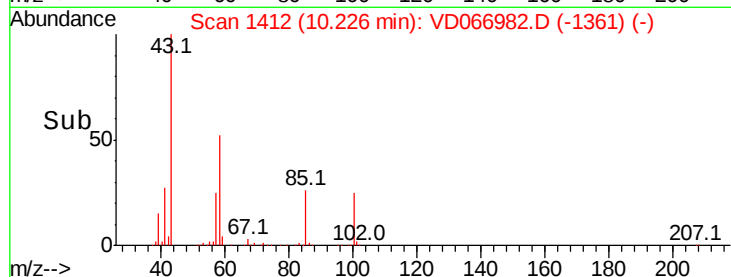
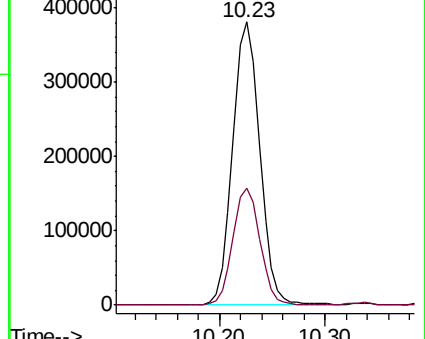
43 100

58 41.2 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 54.028 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066982.D

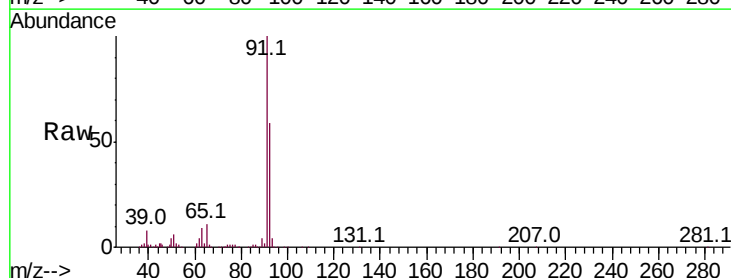
Acq: 30 Sep 2020 19:05

Tgt Ion: 92 Resp: 659490

Ion Ratio Lower Upper

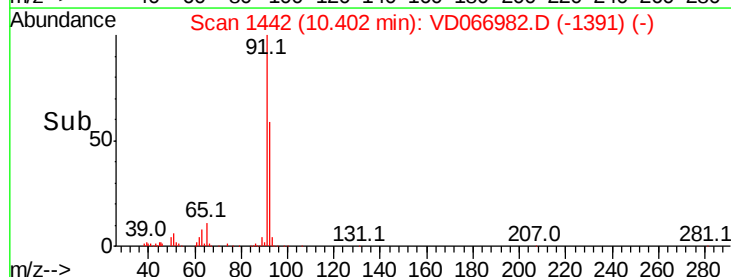
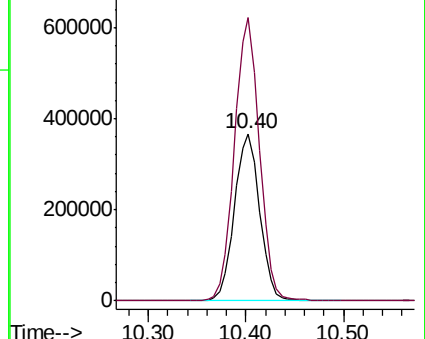
92 100

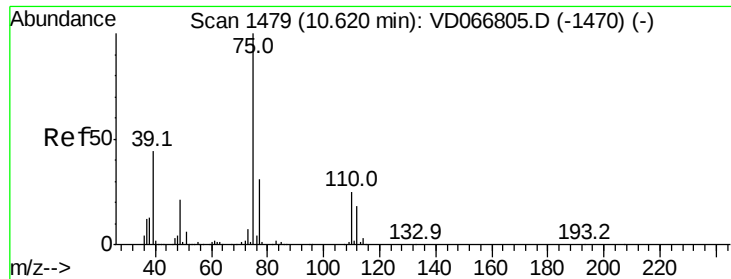
91 167.8 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 55.804 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

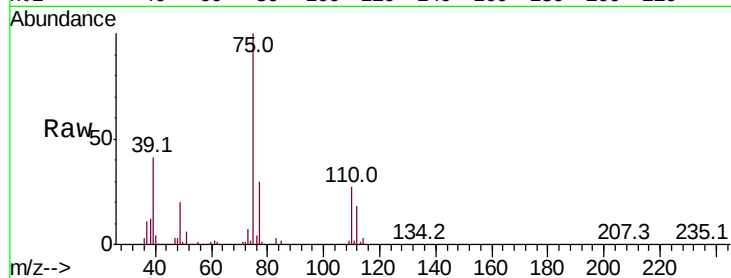
VSTDCCC050EC

Tot Ion: 75 Resp: 330530

Ion Ratio Lower Upper

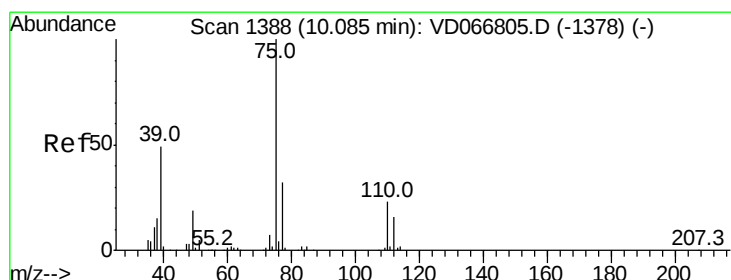
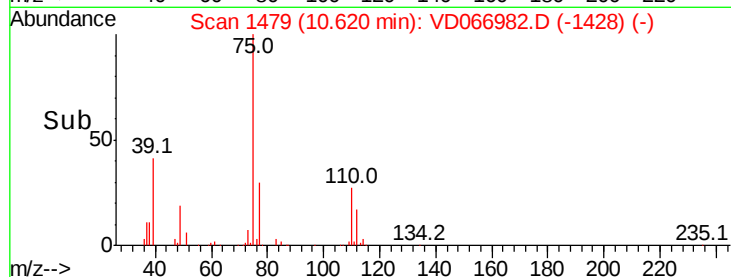
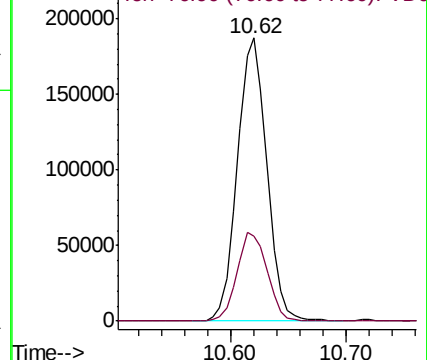
75 100

77 30.0 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 53.950 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

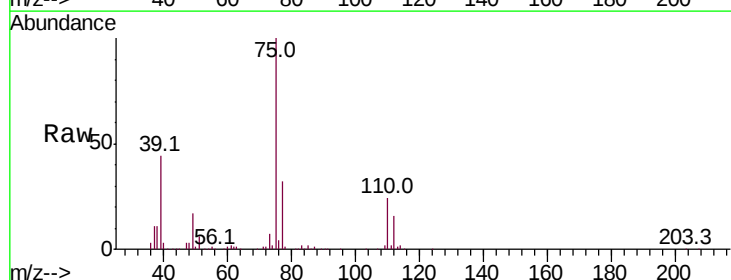
Tgt Ion: 75 Resp: 389640

Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

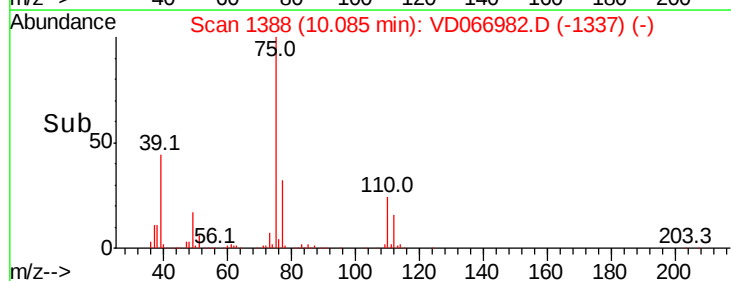
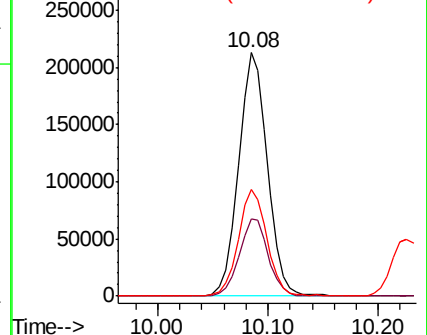
39 43.8 39.2 58.8

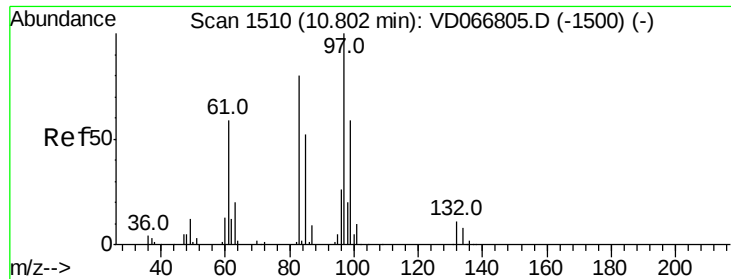


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 55.305 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 196955

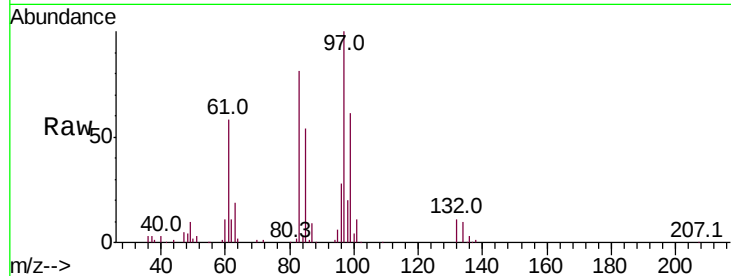
Ion Ratio Lower Upper

97 100

83 81.1 64.2 96.2

85 54.0 41.9 62.9

99 61.3 47.5 71.3

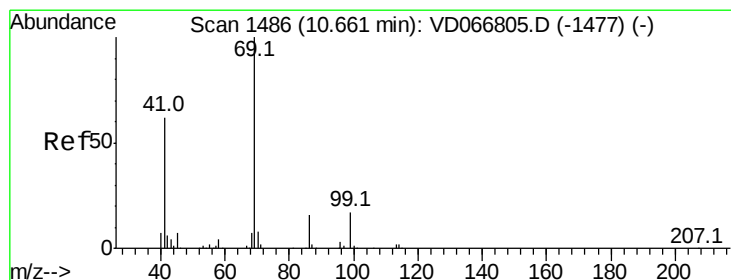
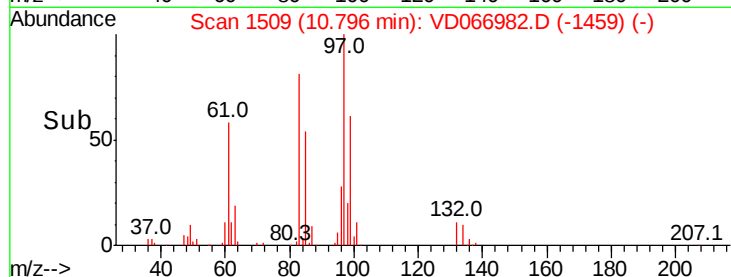
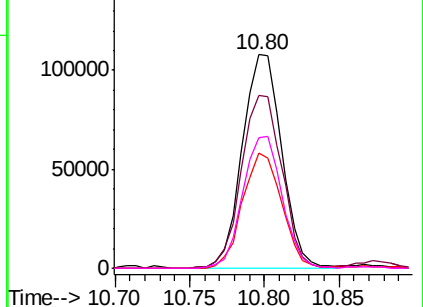


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 62.143 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

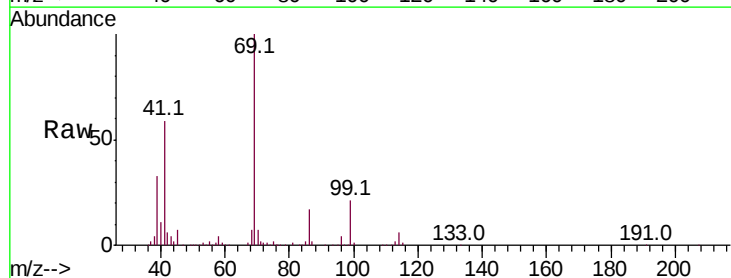
Tgt Ion: 69 Resp: 237081

Ion Ratio Lower Upper

69 100

41 60.7 52.2 78.2

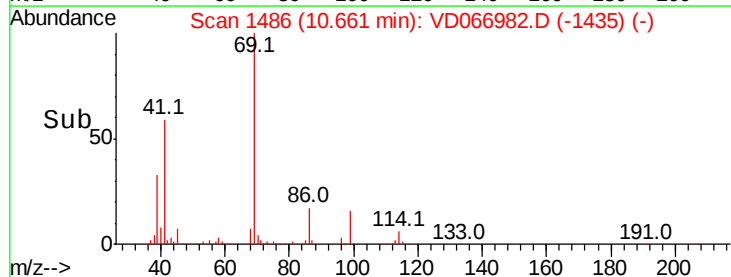
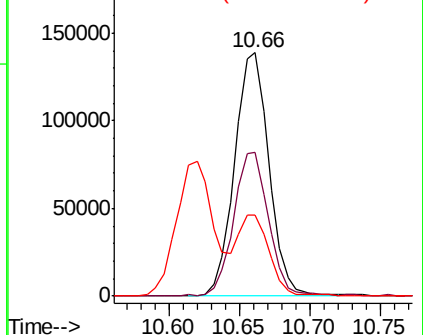
39 29.9 26.6 40.0

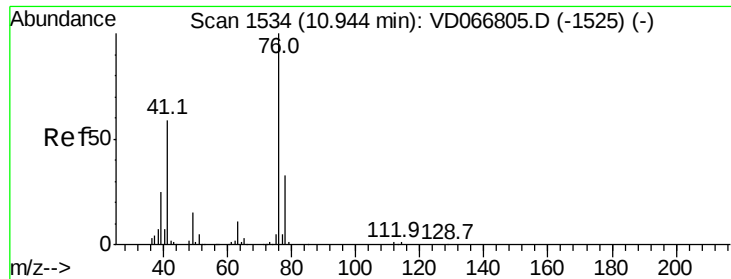


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 55.617 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

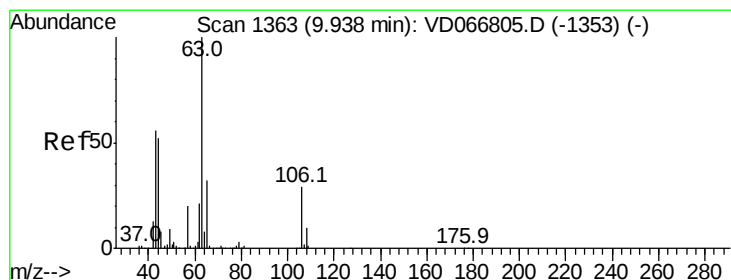
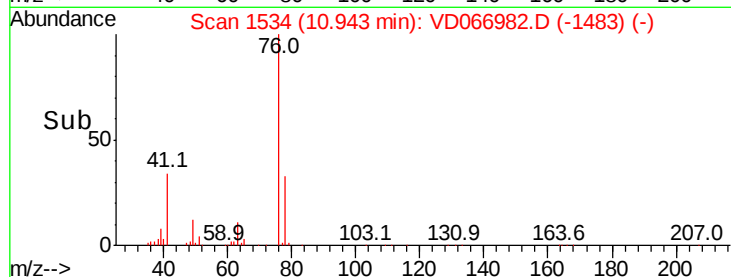
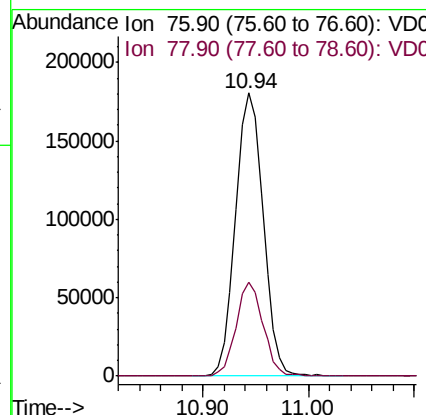
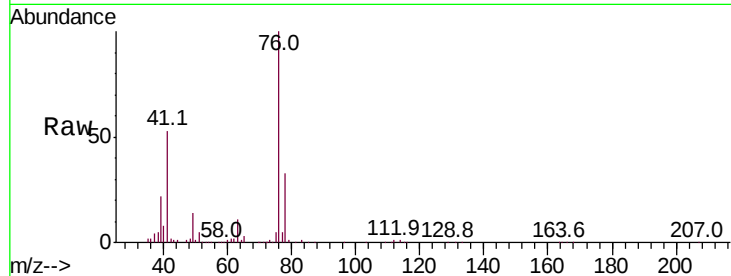
Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 327056

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.3	39.5



#58

2-Chloroethyl Vinyl ether

Concen: 251.637 ug/l

RT: 9.94 min Scan# 1363

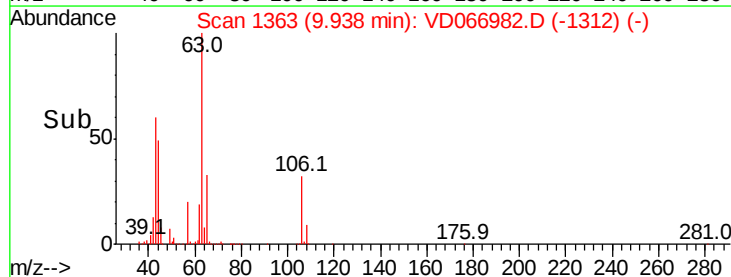
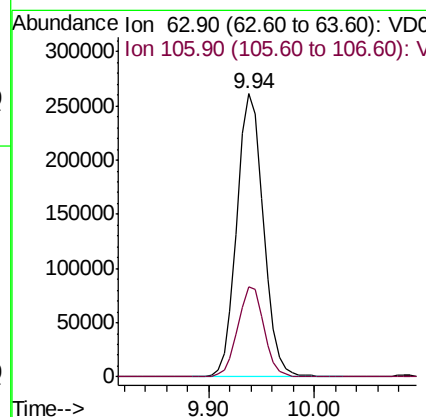
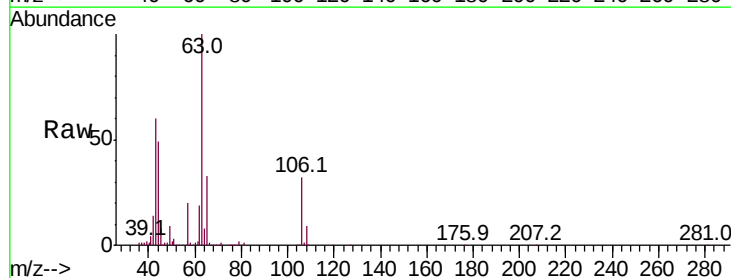
Delta R.T. -0.00 min

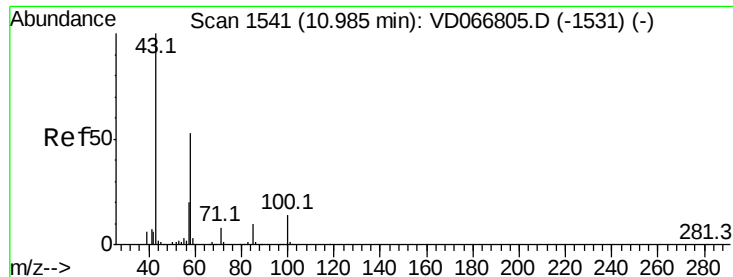
Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Tgt Ion: 63 Resp: 454562

Ion	Ratio	Lower	Upper
63	100		
106	31.4	23.8	35.6

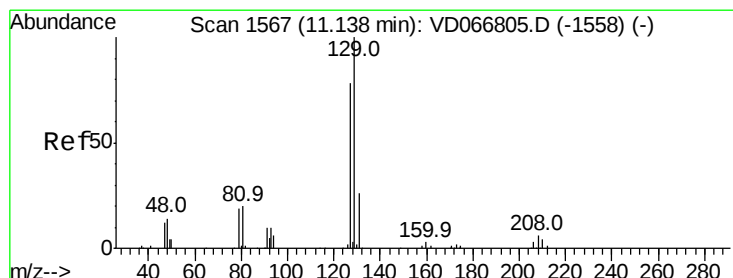
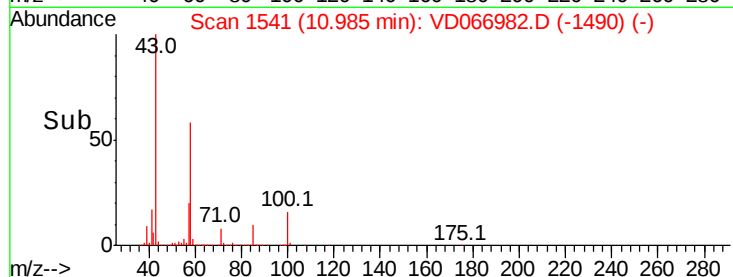
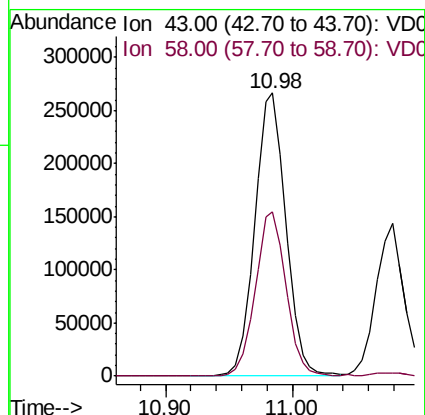
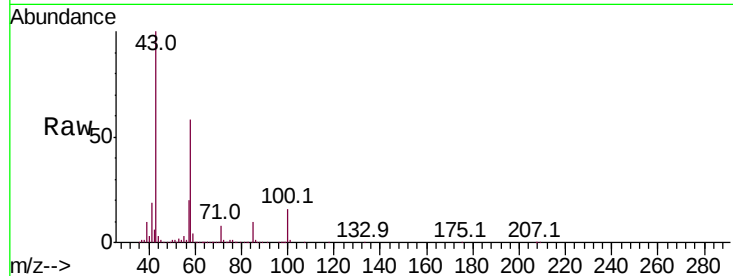




#59
2-Hexanone
Concen: 280.935 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

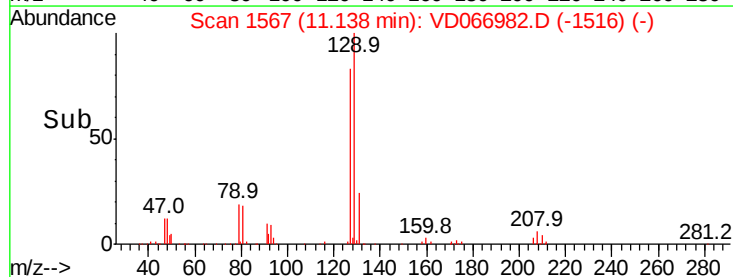
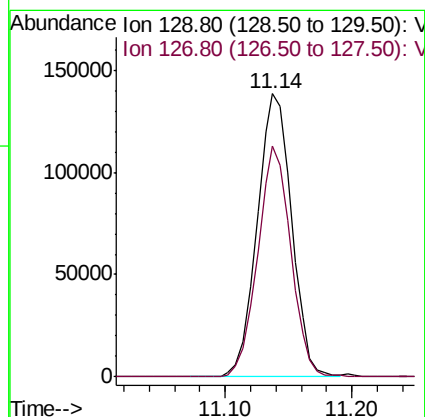
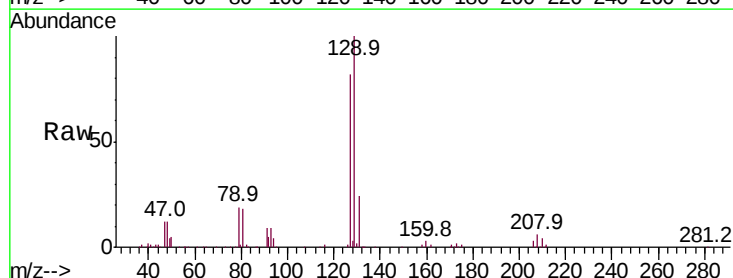
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

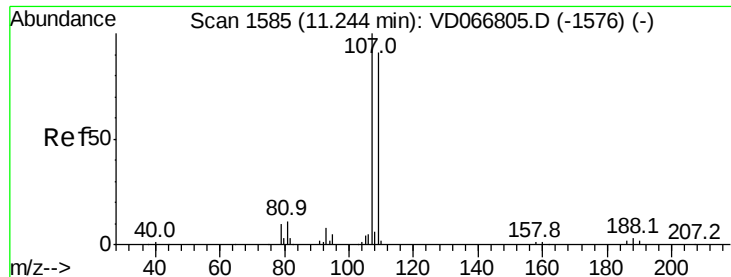
Tot Ion: 43 Resp: 454945
Ion Ratio Lower Upper
43 100
58 57.2 27.0 80.8



#60
Dibromochloromethane
Concen: 56.432 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion: 129 Resp: 262290
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0

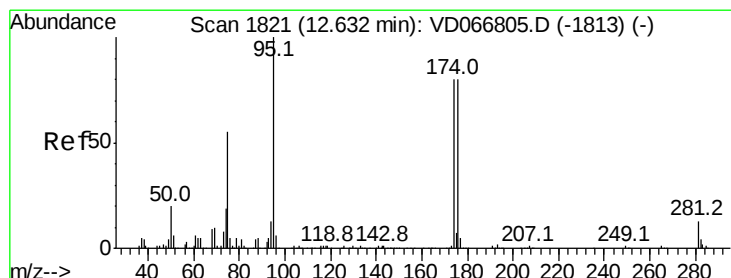
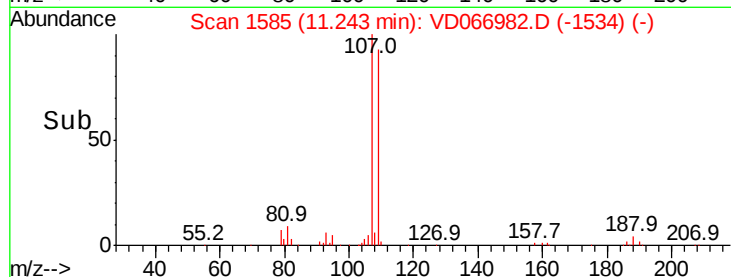
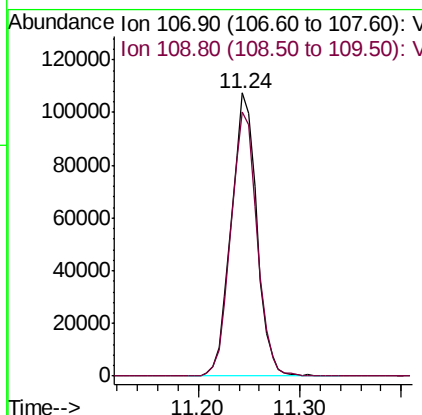
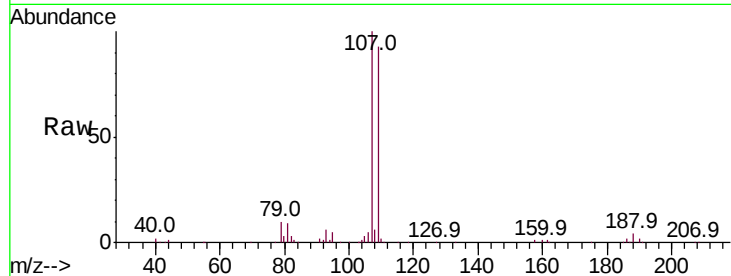




#61
 1,2-Dibromoethane
 Concen: 56.734 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066982.D
 Acq: 30 Sep 2020 19:05

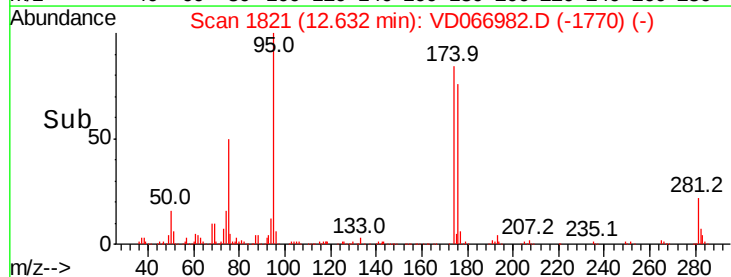
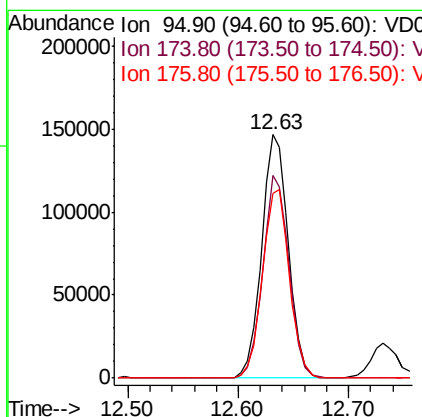
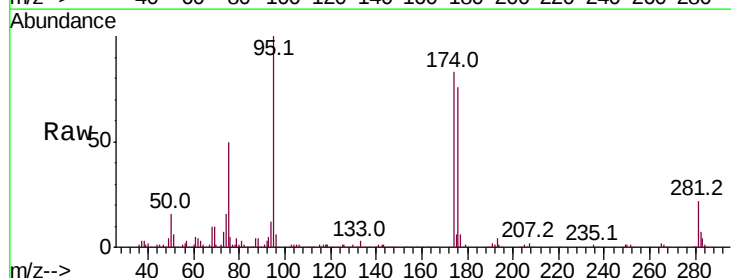
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

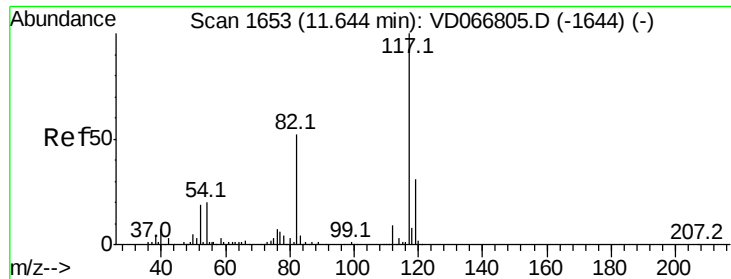
Tot Ion:107 Resp: 187926
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 48.660 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066982.D
 Acq: 30 Sep 2020 19:05

Tgt Ion: 95 Resp: 247484
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 159.8
 176 78.4 0.0 154.4

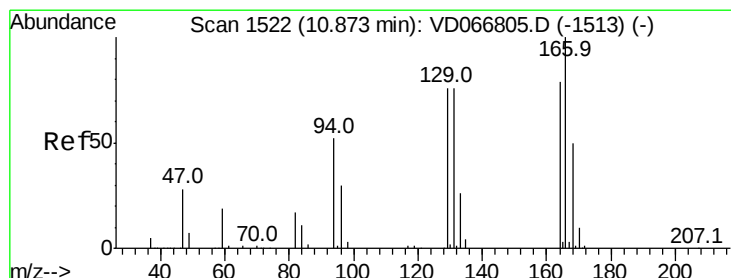
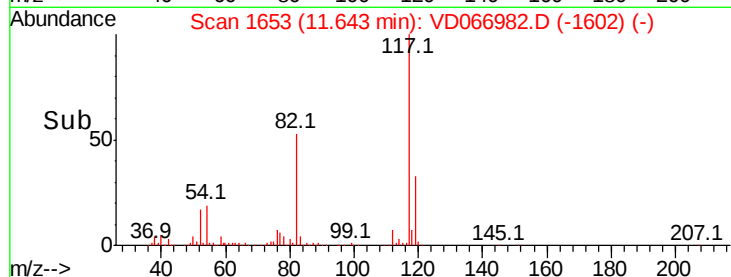
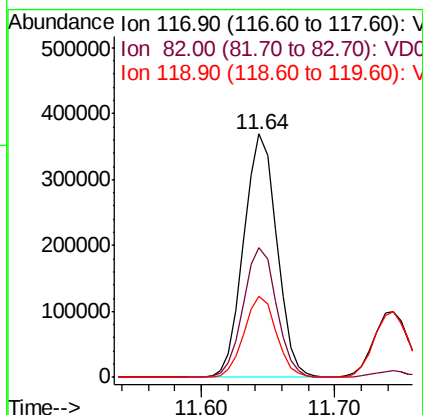
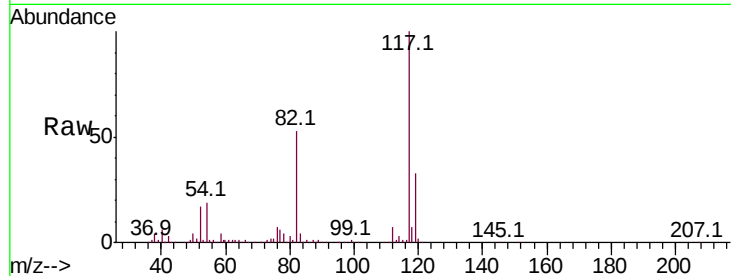




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

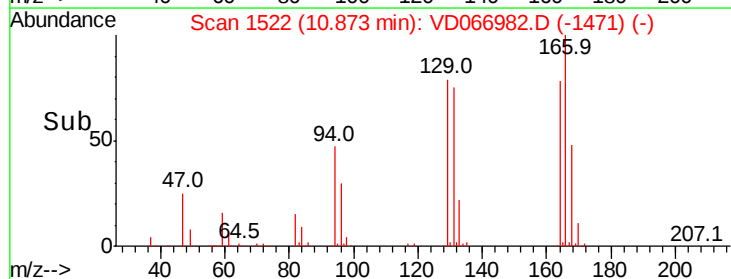
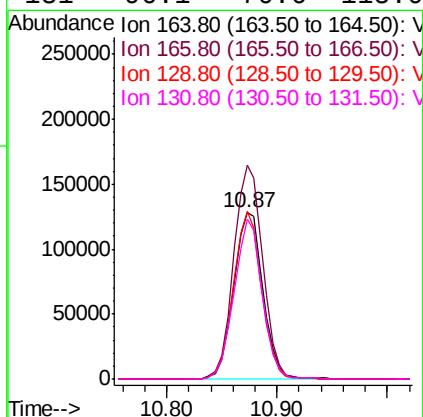
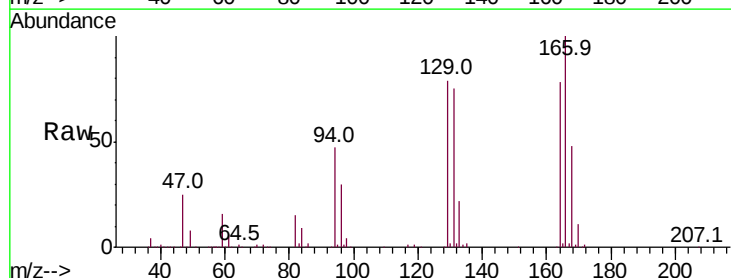
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

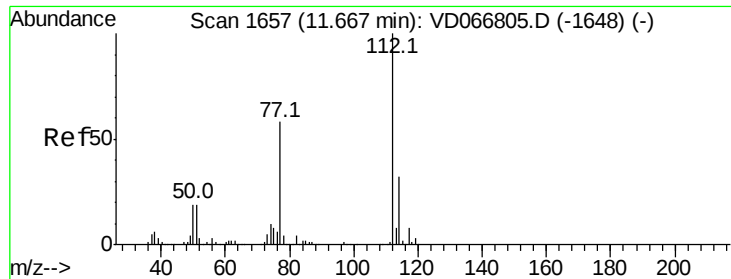
Tot Ion:117 Resp: 633173
Ion Ratio Lower Upper
117 100
82 53.2 41.8 62.6
119 33.4 24.6 37.0



#64
Tetrachloroethene
Concen: 52.376 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion:164 Resp: 238548
Ion Ratio Lower Upper
164 100
166 128.8 101.1 151.7
129 101.4 77.0 115.4
131 96.1 76.6 115.0

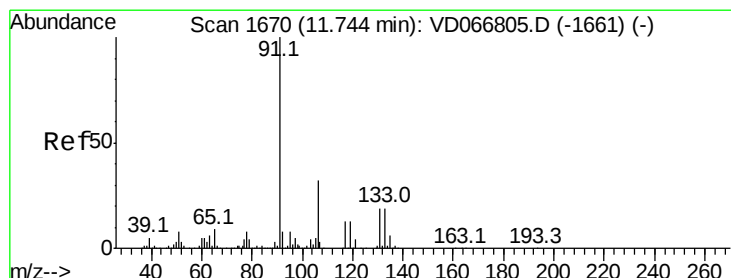
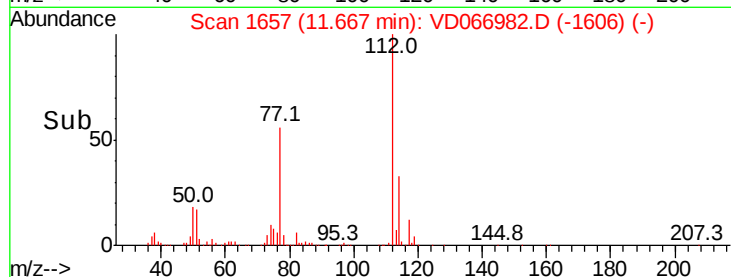
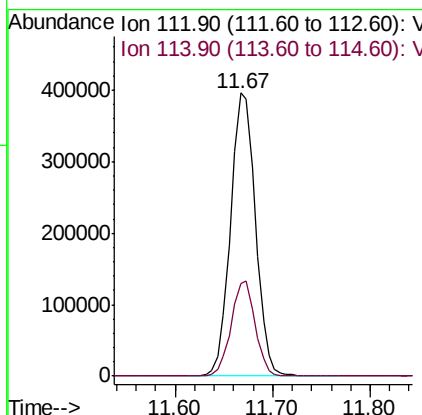
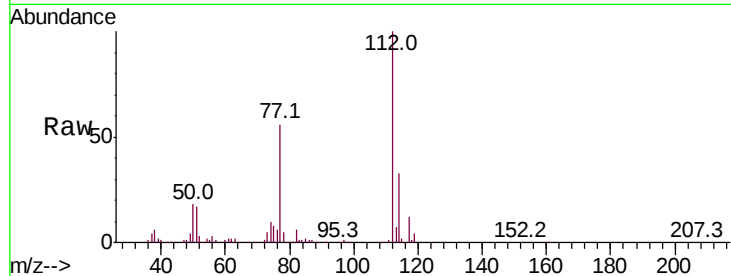




#65
Chlorobenzene
Concen: 53.226 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

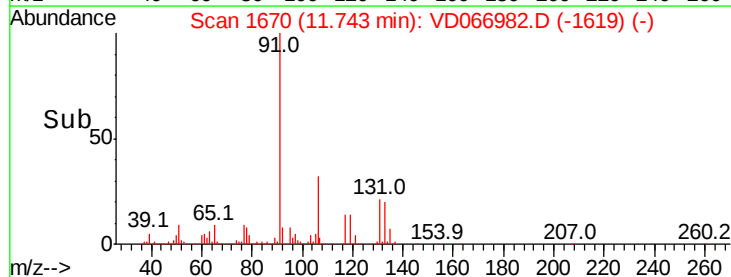
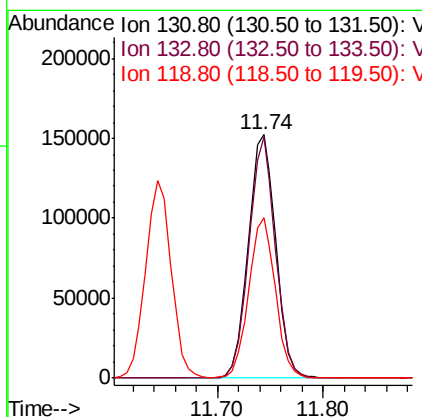
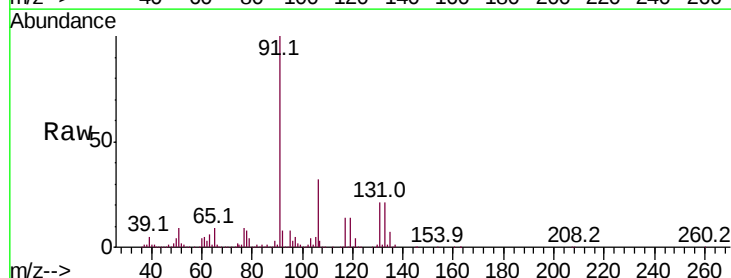
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

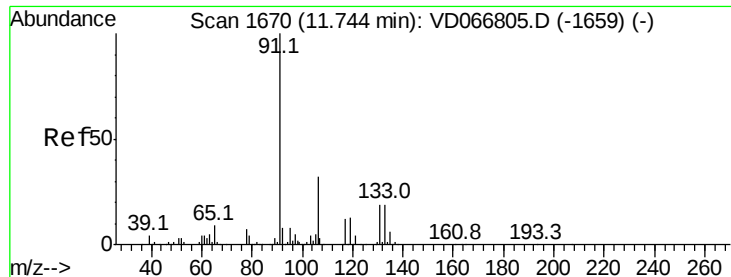
Tot Ion:112 Resp: 701506
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 55.373 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion:131 Resp: 276217
Ion Ratio Lower Upper
131 100
133 95.6 46.7 140.1
119 64.2 32.3 96.9





#67

Ethyl Benzene

Concen: 53.242 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

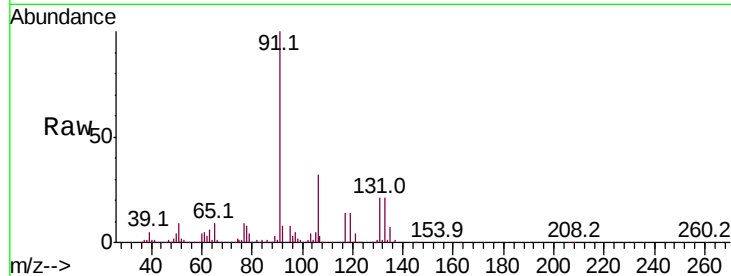
VSTDCCC050EC

Tot Ion: 91 Resp: 1232442

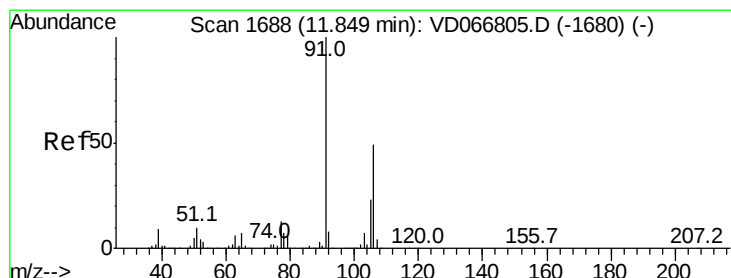
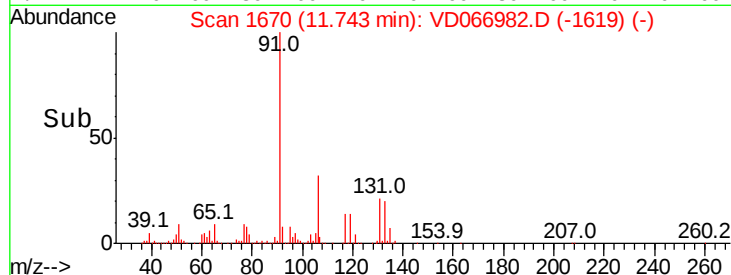
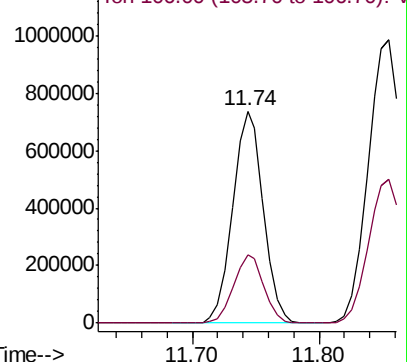
Ion Ratio Lower Upper

91 100

106 32.3 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VD066982.D (-1619) (-)



#68

m/p-Xylenes

Concen: 109.096 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066982.D

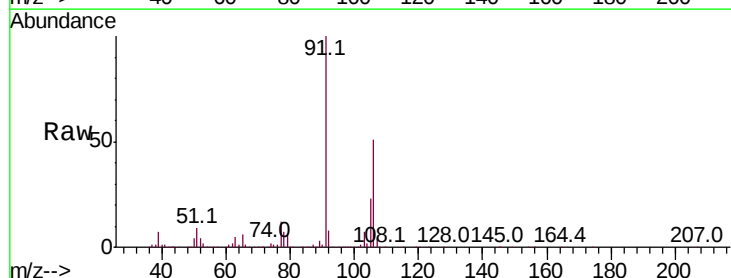
Acq: 30 Sep 2020 19:05

Tgt Ion:106 Resp: 956130

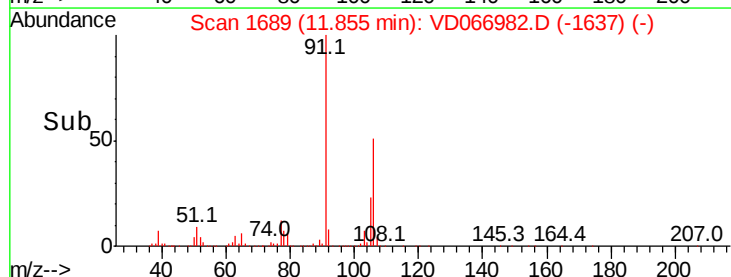
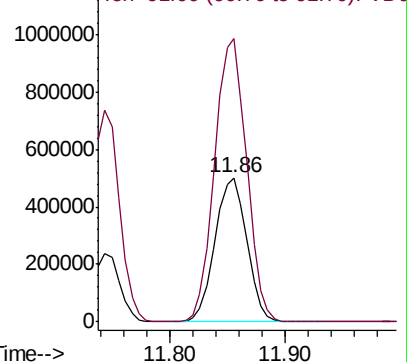
Ion Ratio Lower Upper

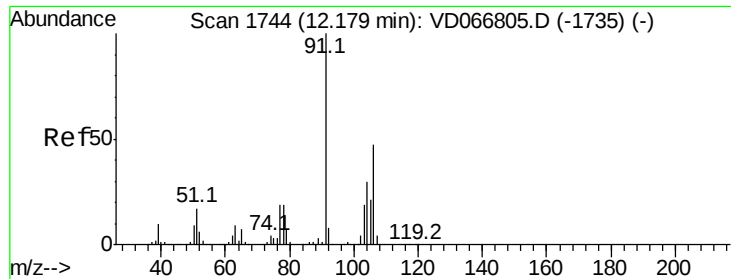
106 100

91 197.7 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066982.D (-1637) (-)

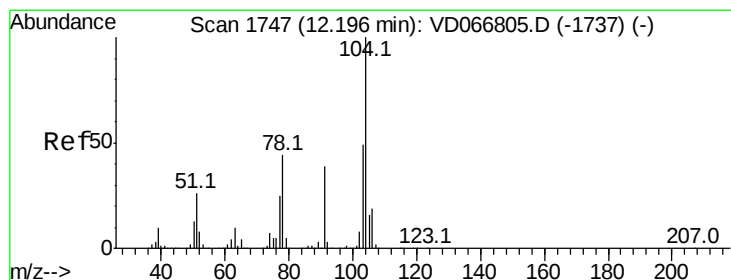
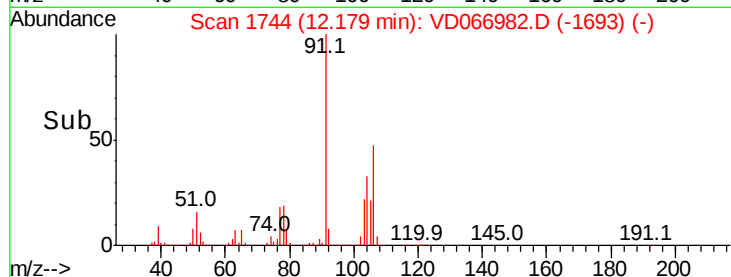
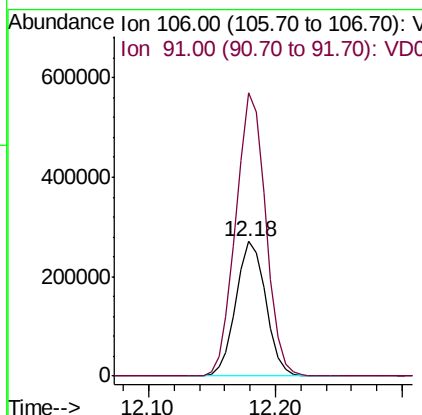
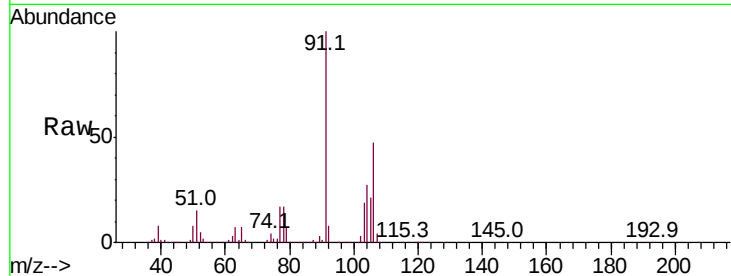




#69
o-Xylene
Concen: 56.067 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

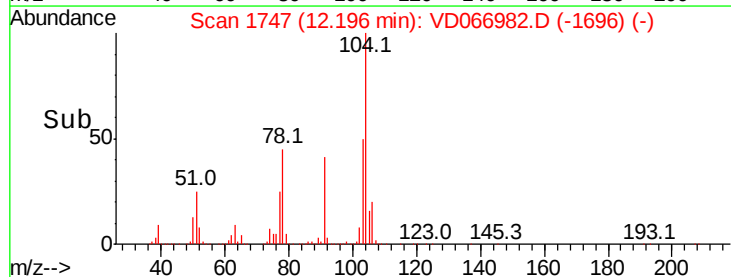
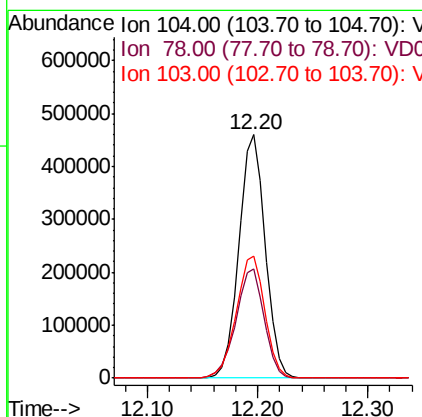
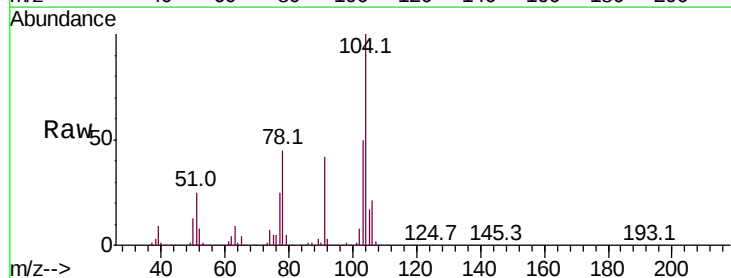
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

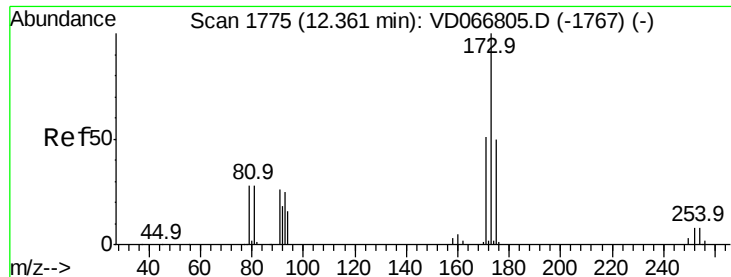
Tot Ion:106 Resp: 444322
Ion Ratio Lower Upper
106 100
91 210.2 106.3 318.8



#70
Styrene
Concen: 56.160 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion:104 Resp: 772900
Ion Ratio Lower Upper
104 100
78 48.2 38.9 58.3
103 54.3 43.2 64.8





#71

Bromoform

Concen: 57.924 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

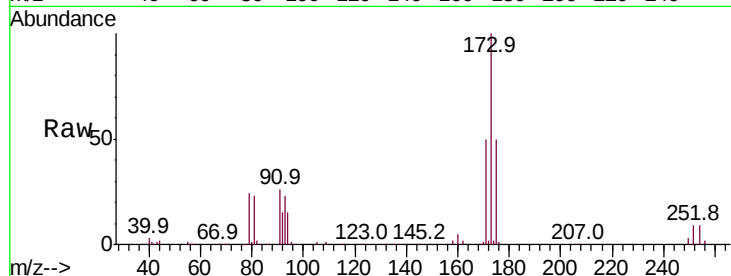
Tot Ion:173 Resp: 146294

Ion Ratio Lower Upper

173 100

175 49.5 24.9 74.6

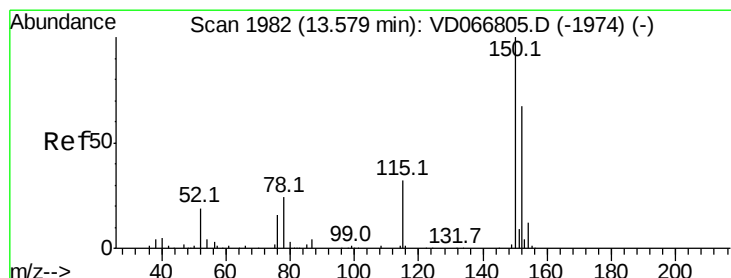
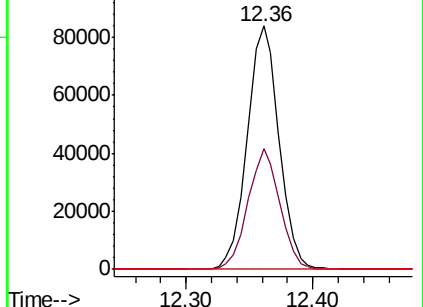
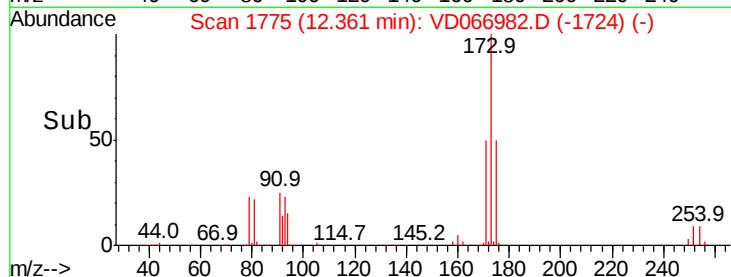
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

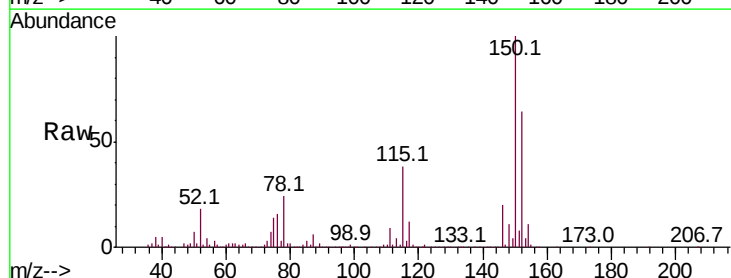
Tgt Ion:152 Resp: 304211

Ion Ratio Lower Upper

152 100

115 60.0 30.3 91.0

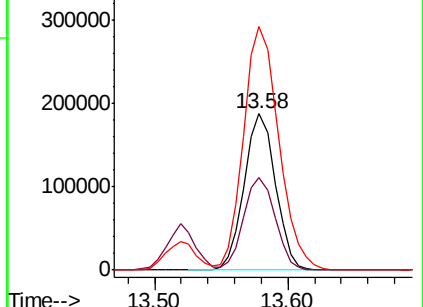
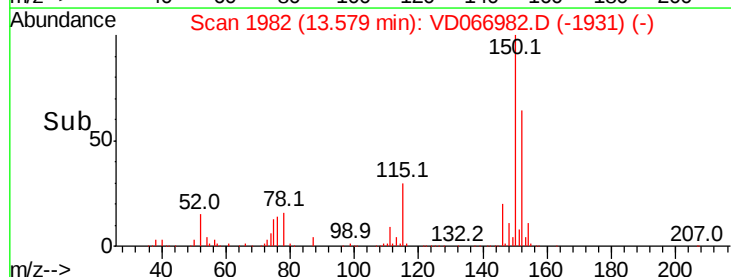
150 175.4 0.0 346.2

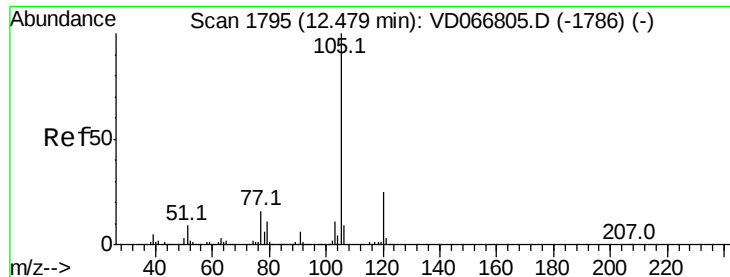


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.088 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

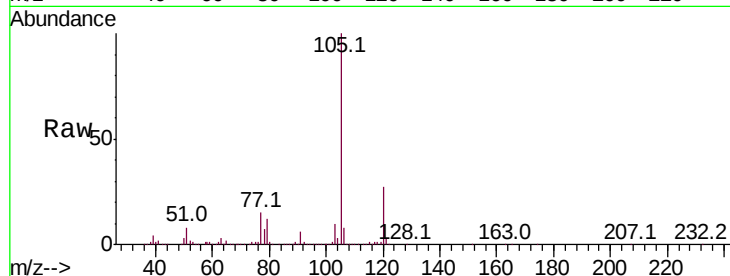
VSTDCCC050EC

Tot Ion:105 Resp: 1188642

Ion Ratio Lower Upper

105 100

120 27.0 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

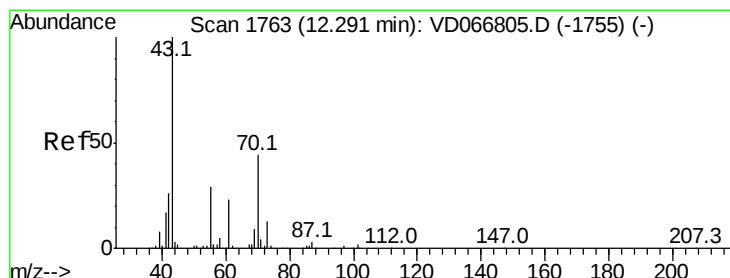
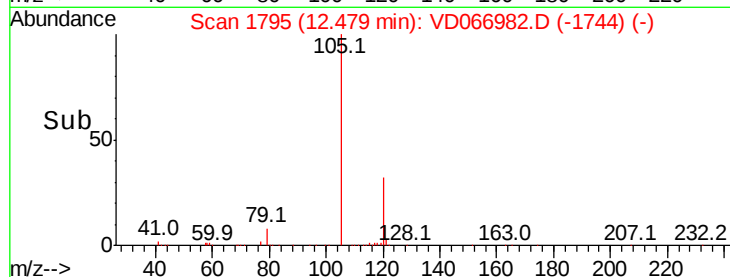
200000

0

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 55.981 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Tgt Ion: 43 Resp: 240248

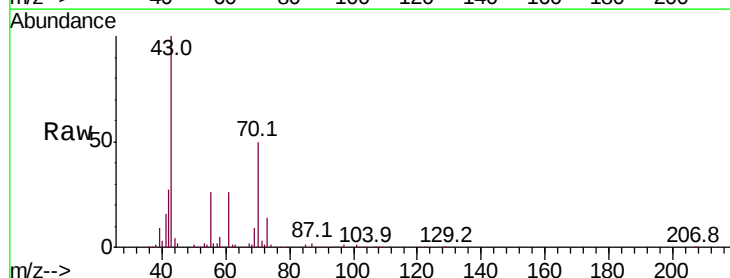
Ion Ratio Lower Upper

43 100

70 47.7 36.1 54.1

55 27.0 21.8 32.8

61 25.9 19.0 28.4



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

250000

200000

150000

100000

50000

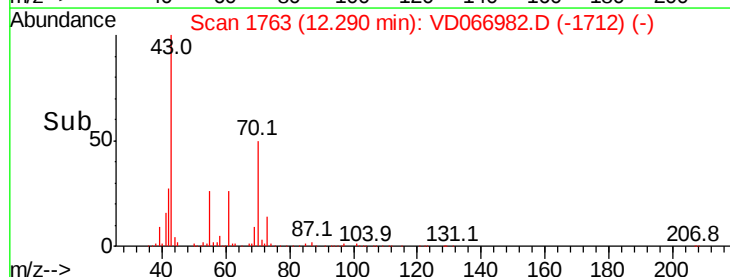
0

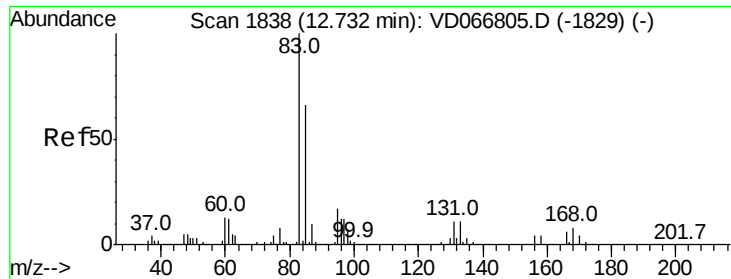
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.862 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

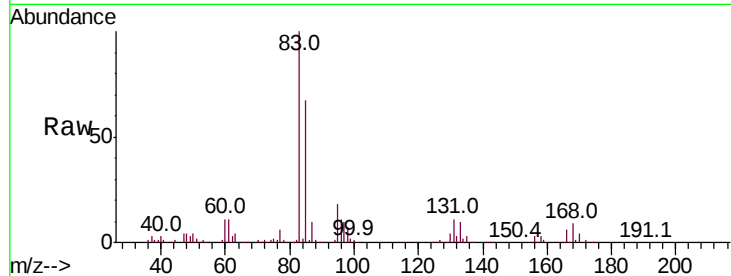
Tot Ion: 83 Resp: 204250

Ion Ratio Lower Upper

83 100

131 11.9 5.5 16.7

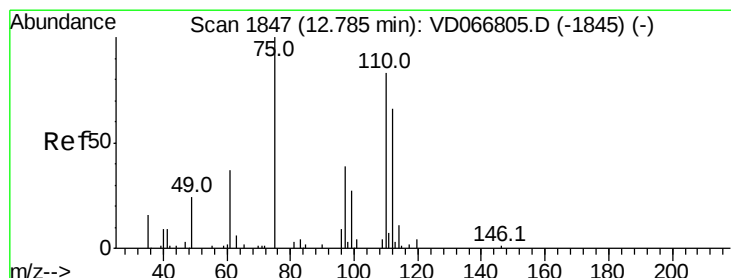
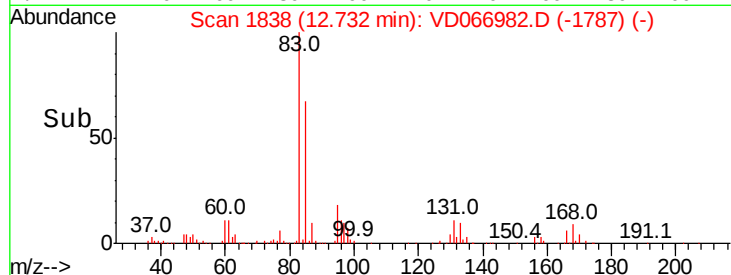
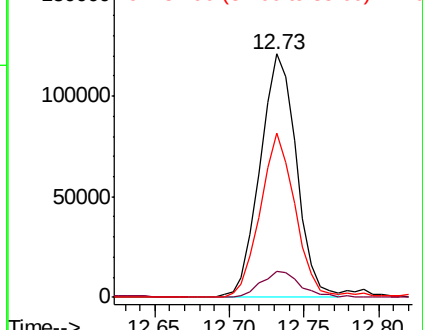
85 64.3 32.1 96.5



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: 106.396 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066982.D

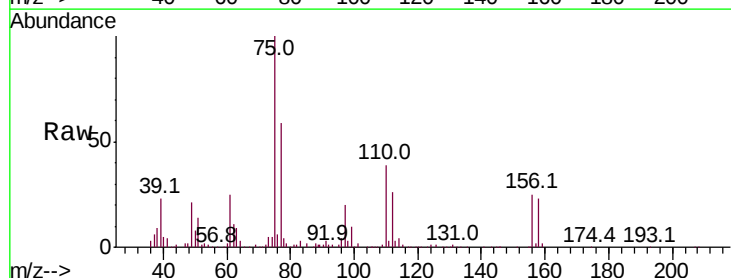
Acq: 30 Sep 2020 19:05

Tgt Ion: 75 Resp: 268231

Ion Ratio Lower Upper

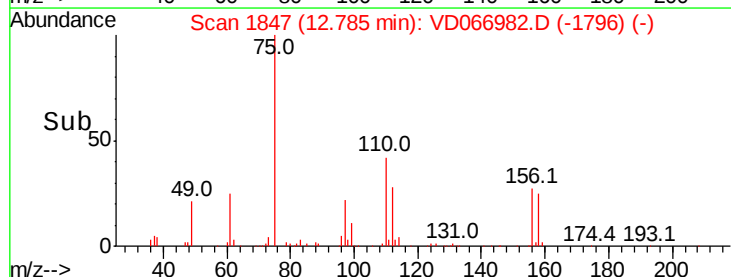
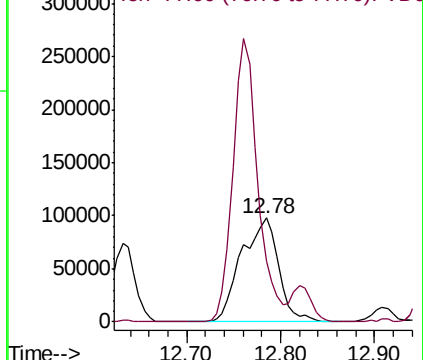
75 100

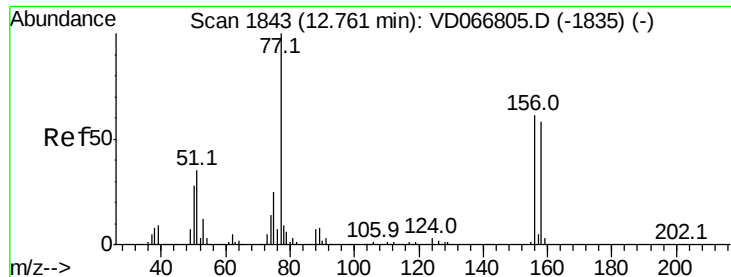
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 55.737 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

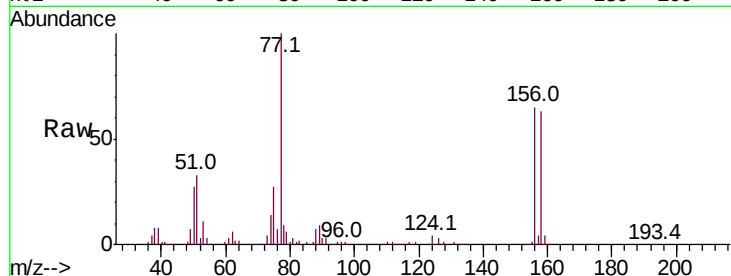
Tot Ion:156 Resp: 286475

Ion Ratio Lower Upper

156 100

77 171.2 92.3 276.9

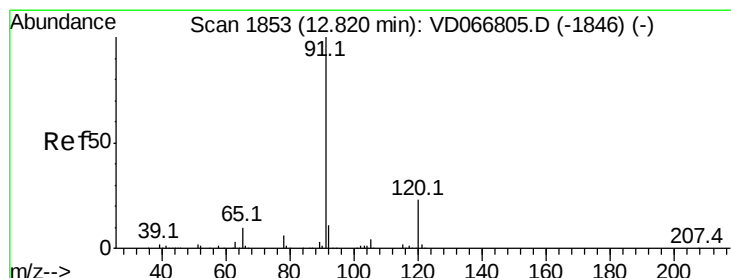
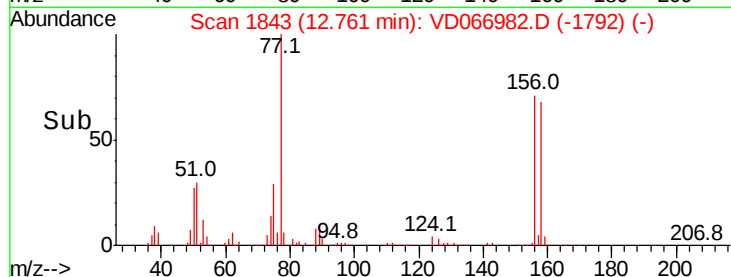
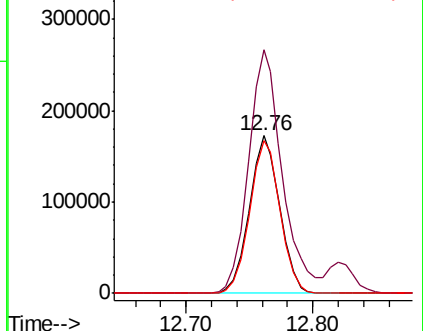
158 97.0 47.6 142.9



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: 52.450 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066982.D

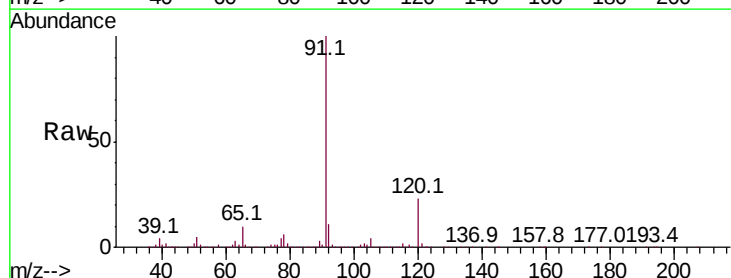
Acq: 30 Sep 2020 19:05

Tgt Ion: 91 Resp: 1386694

Ion Ratio Lower Upper

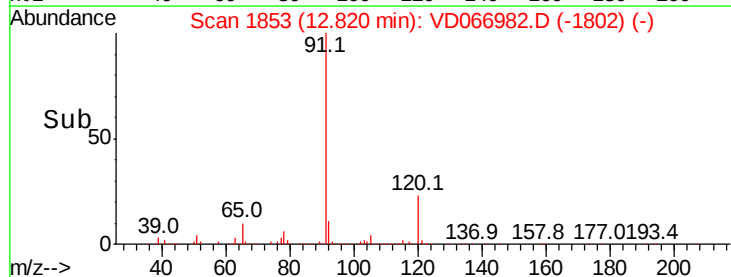
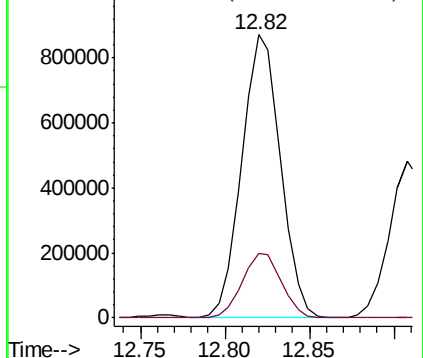
91 100

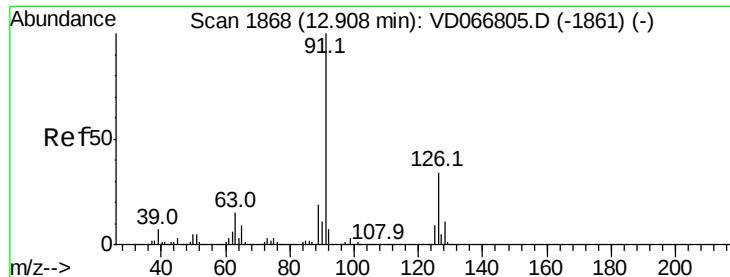
120 23.4 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

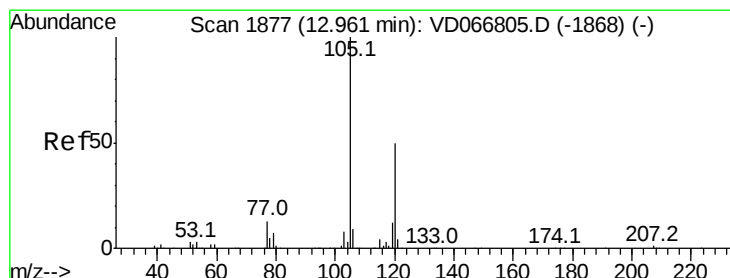
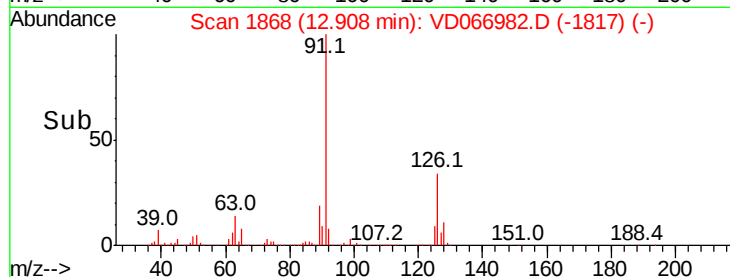
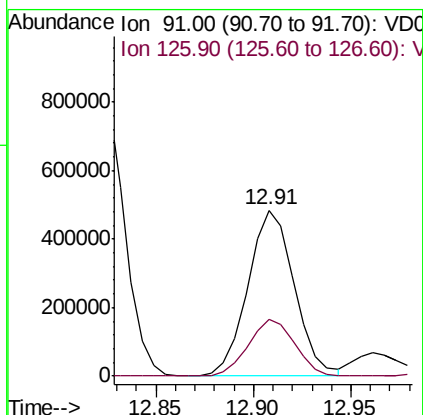
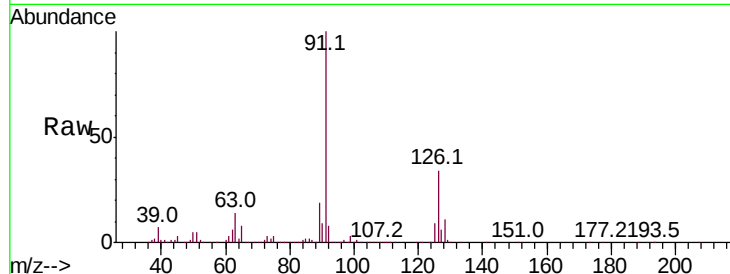




#79
 2-Chlorotoluene
 Concen: 52.841 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066982.D
 Acq: 30 Sep 2020 19:05

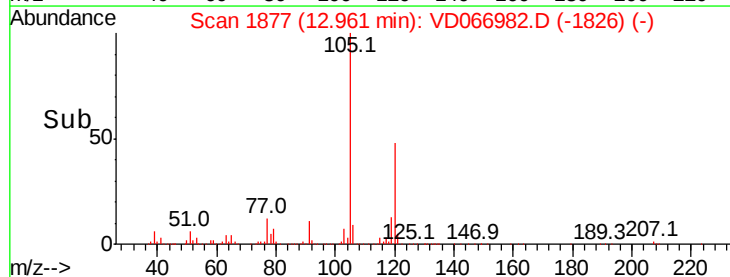
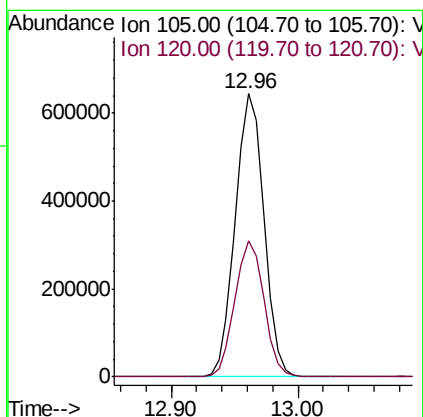
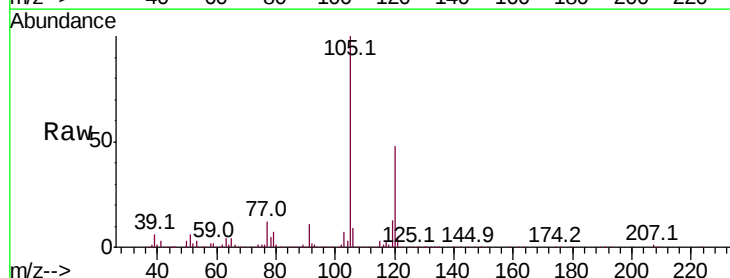
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

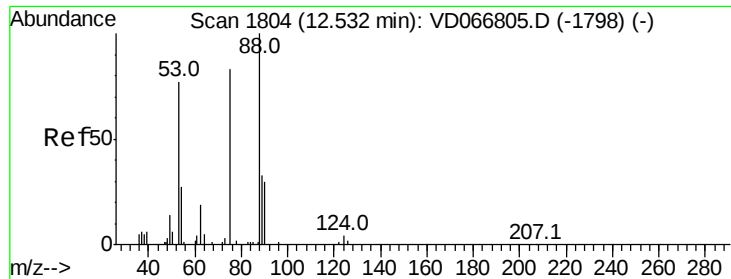
Tot Ion: 91 Resp: 796101
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 54.032 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066982.D
 Acq: 30 Sep 2020 19:05

Tgt Ion: 105 Resp: 1007544
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.4 73.4

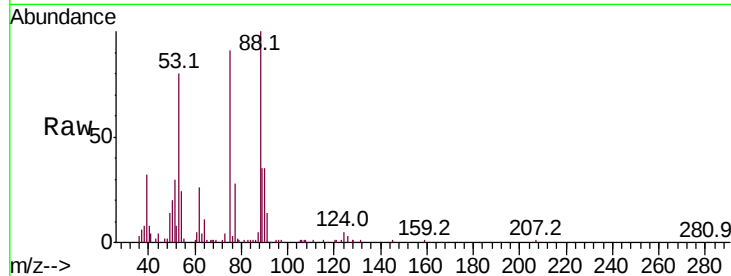




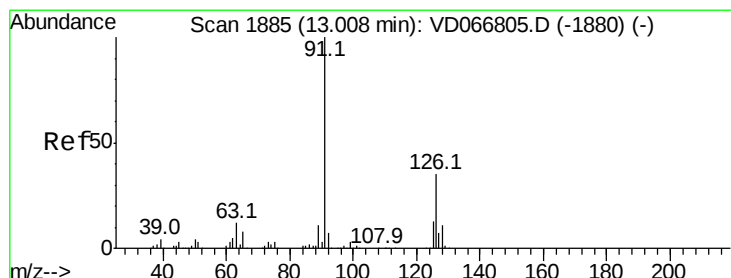
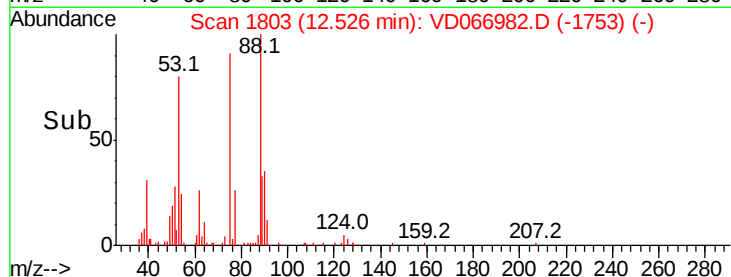
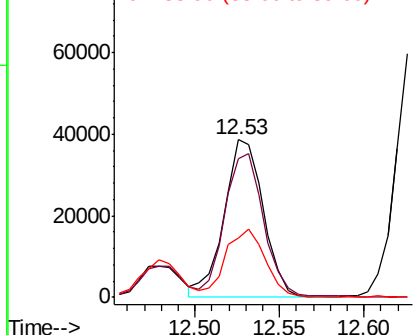
#81
trans-1,4-Dichloro-2-butene
Concen: 61.001 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 61468
Ion Ratio Lower Upper
75 100
53 92.3 78.5 117.7
89 44.4 38.1 57.1

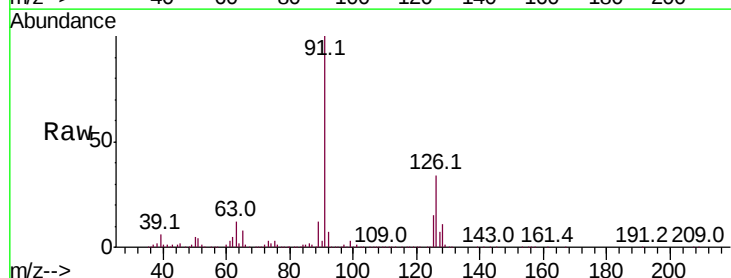


Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC

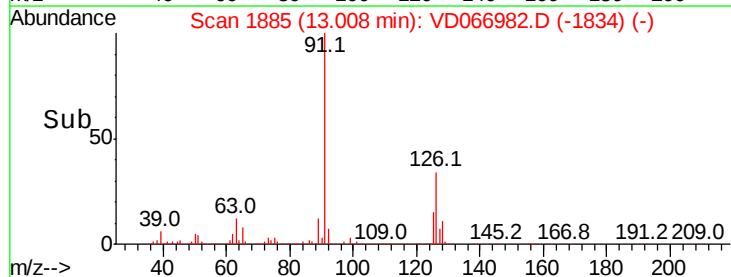
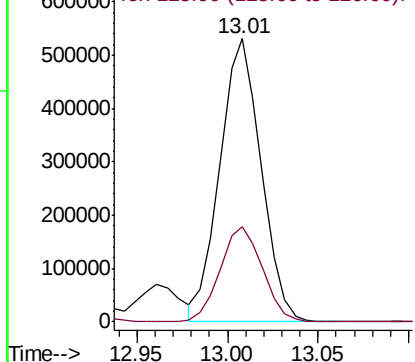


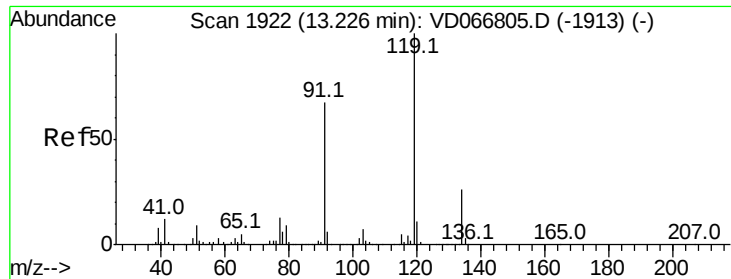
#82
4-Chlorotoluene
Concen: 52.746 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion: 91 Resp: 837691
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

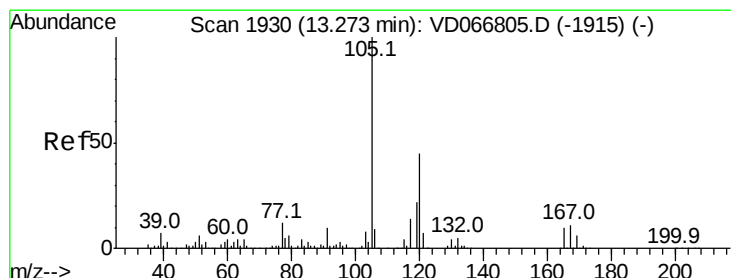
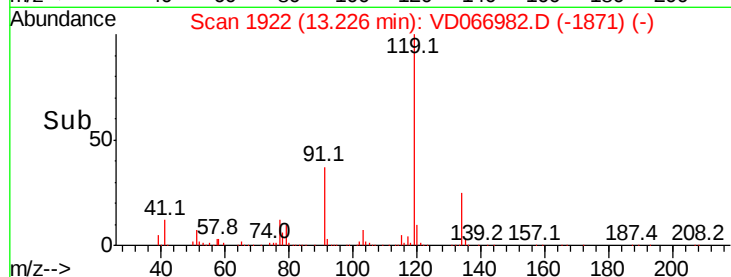
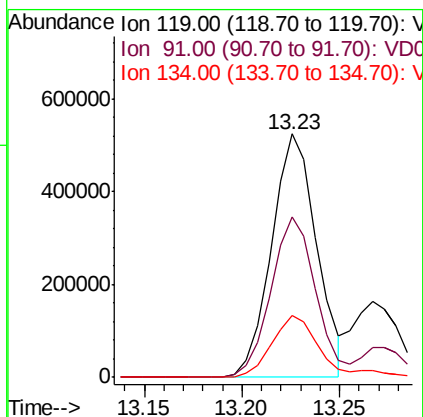
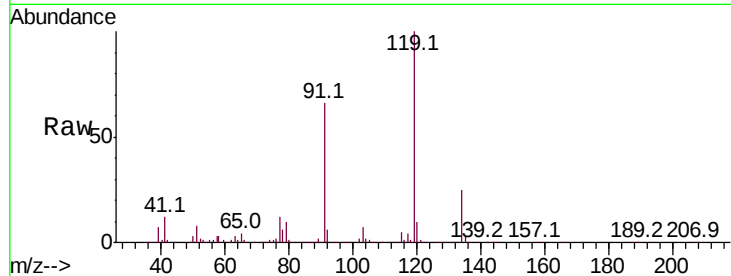




#83
tert-Butylbenzene
Concen: 54.751 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

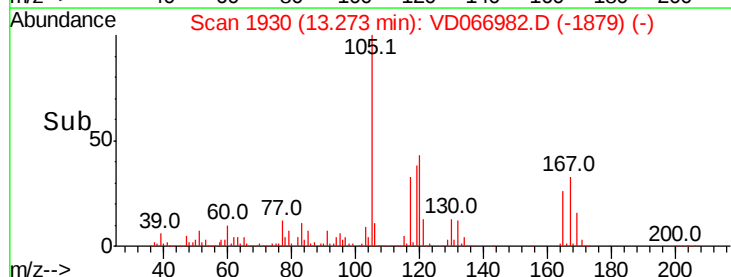
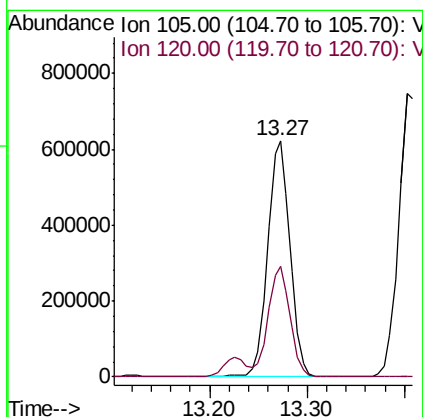
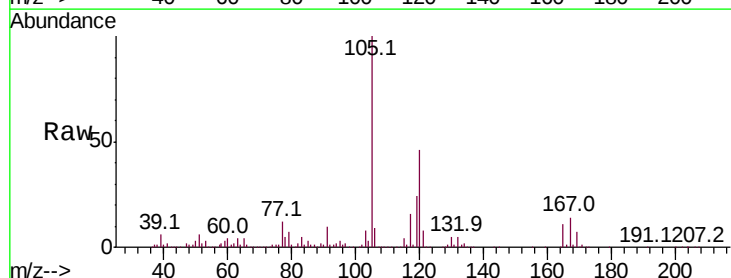
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

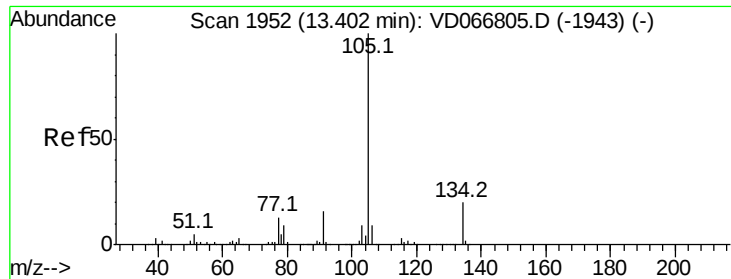
Tot Ion:119 Resp: 838930
Ion Ratio Lower Upper
119 100
91 65.7 33.6 100.8
134 27.4 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 54.285 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion:105 Resp: 1003765
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.161 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

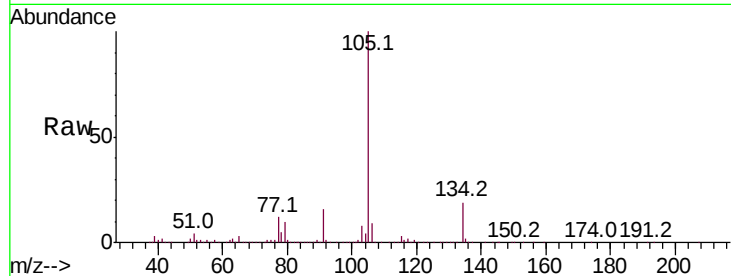
VSTDCCC050EC

Tot Ion:105 Resp: 1171367

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

200000

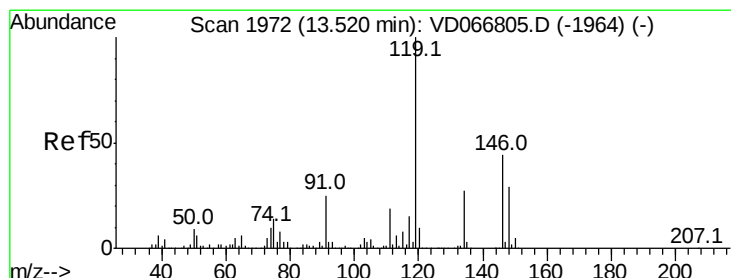
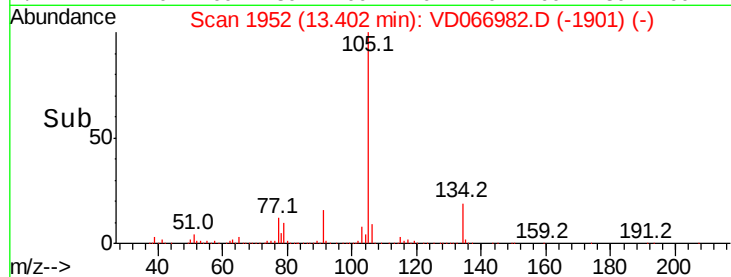
0

13.30

13.40

13.50

Time-->



#86

p-Isopropyltoluene

Concen: 54.364 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

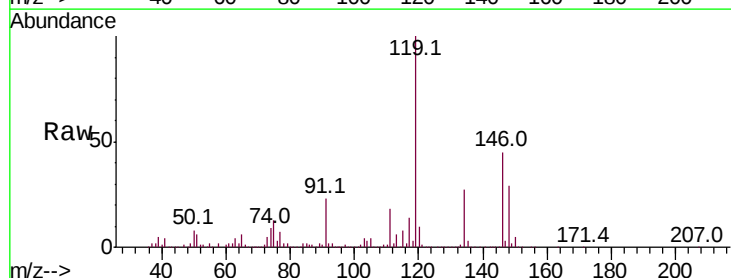
Tgt Ion:119 Resp: 1079740

Ion Ratio Lower Upper

119 100

134 26.7 13.0 38.9

91 23.6 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

800000

600000

400000

200000

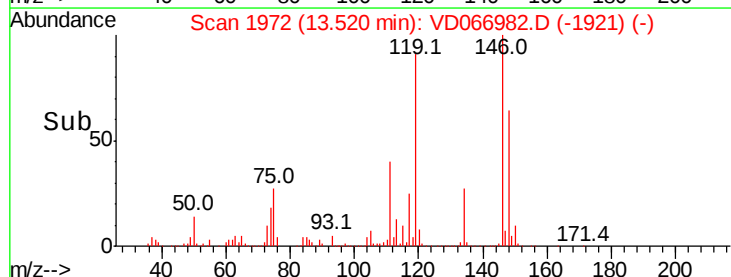
0

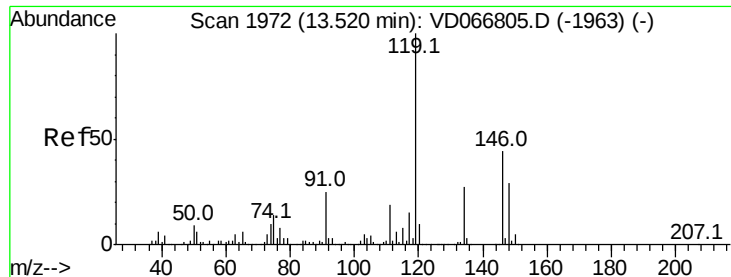
13.50

13.52

13.60

Time-->





#87

1,3-Dichlorobenzene

Concen: 53.146 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

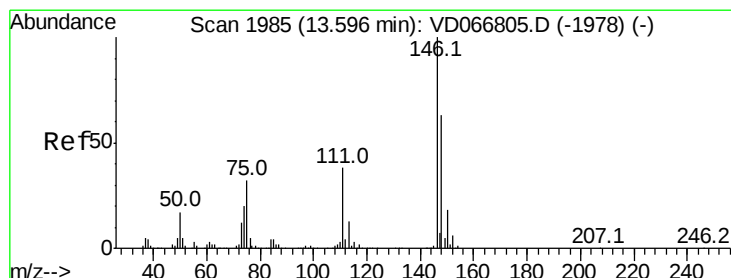
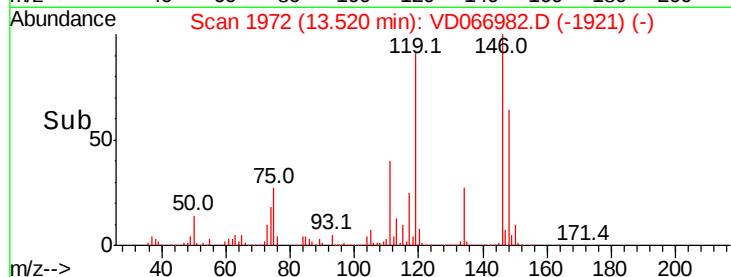
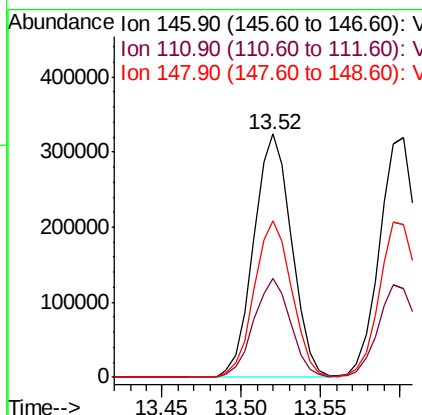
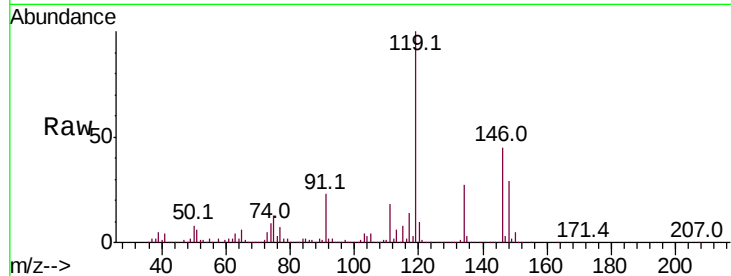
Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 539663

Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.3	60.9
148	63.9	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 52.884 ug/l

RT: 13.60 min Scan# 1986

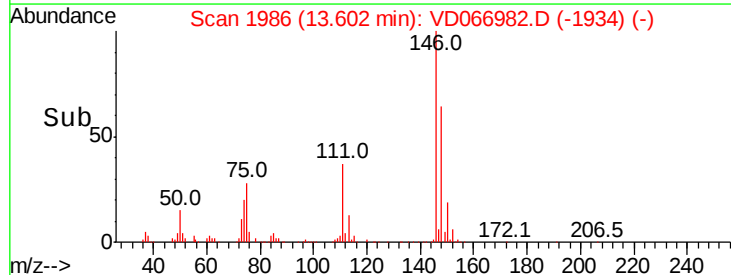
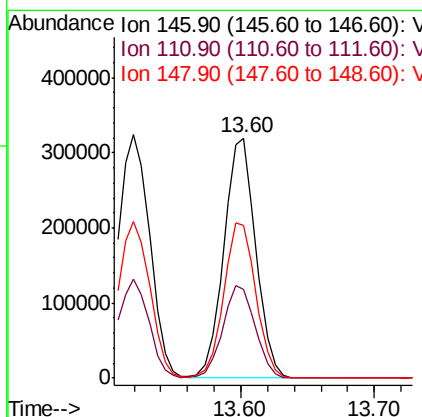
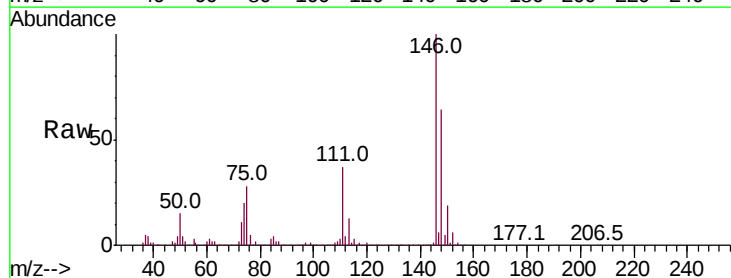
Delta R.T. 0.01 min

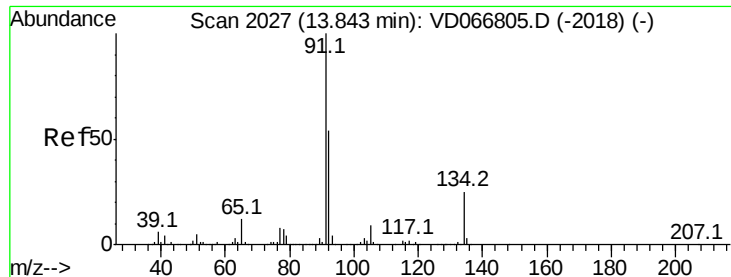
Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Tgt Ion:146 Resp: 533350

Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.2	60.5
148	65.1	31.6	94.7

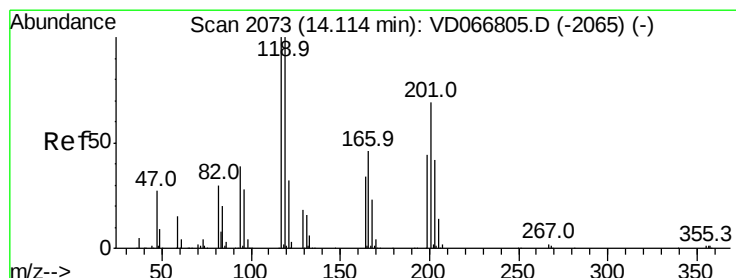
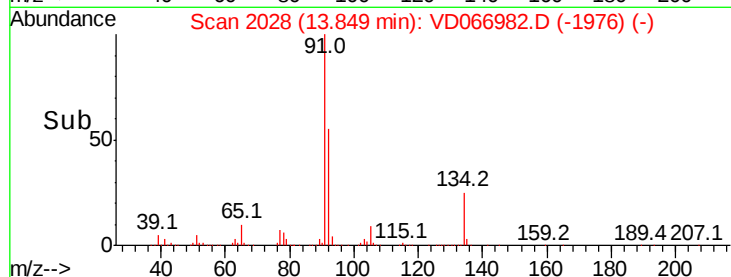
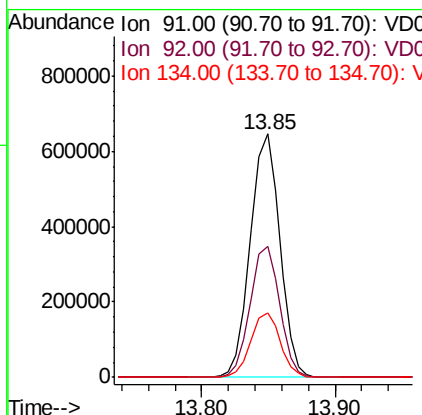
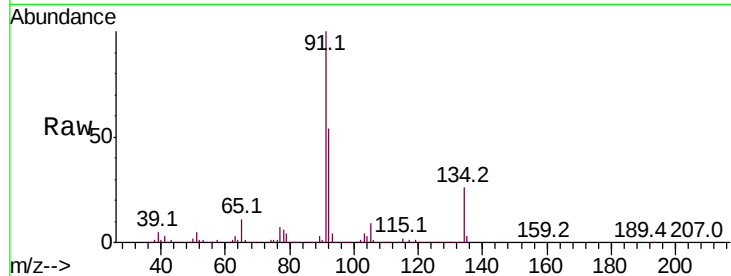




#89
n-Butylbenzene
Concen: 52.126 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

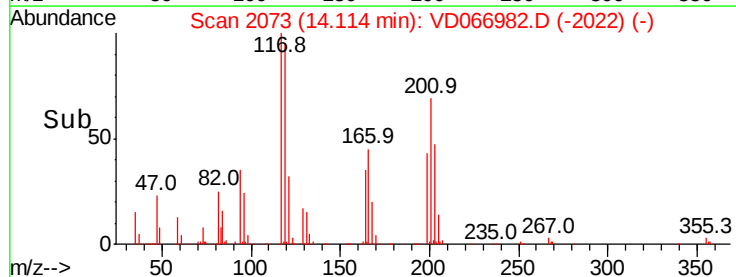
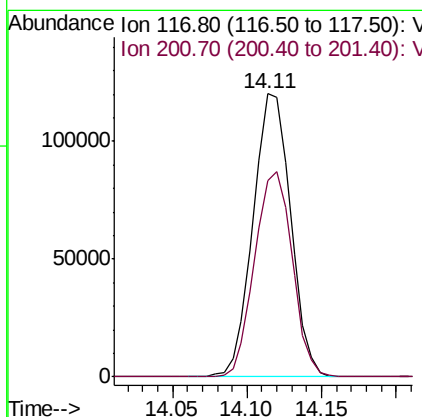
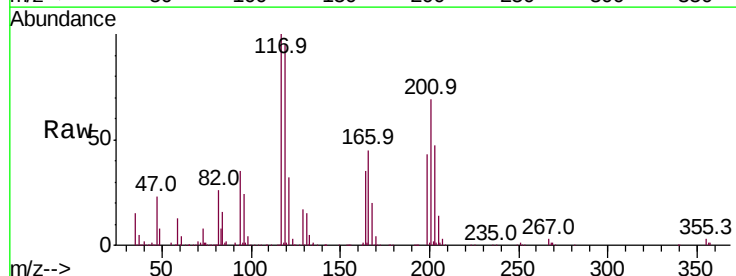
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

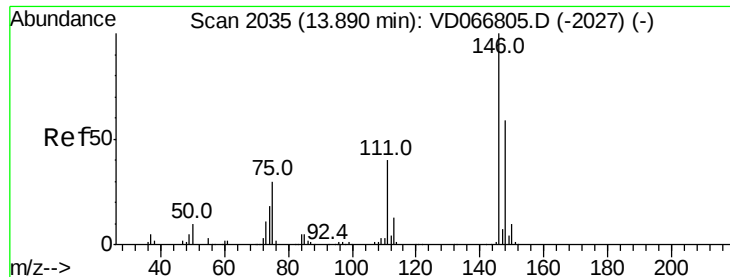
Tot Ion: 91 Resp: 984041
Ion Ratio Lower Upper
91 100
92 53.9 26.7 80.0
134 26.5 13.1 39.1



#90
Hexachloroethane
Concen: 52.061 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion: 117 Resp: 209922
Ion Ratio Lower Upper
117 100
201 72.8 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 54.605 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

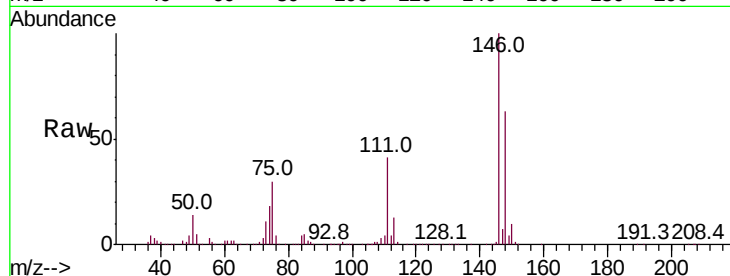
Tot Ion:146 Resp: 474376

Ion Ratio Lower Upper

146 100

111 42.4 20.9 62.7

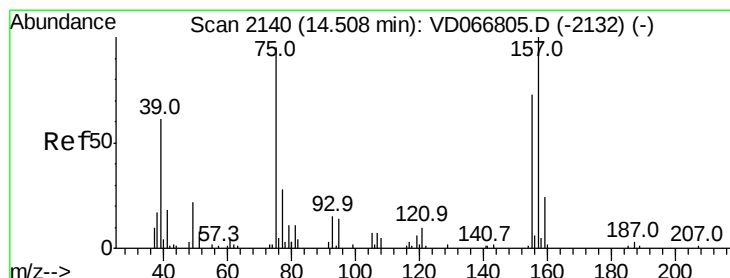
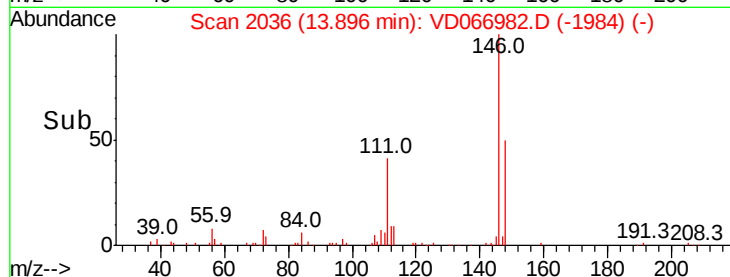
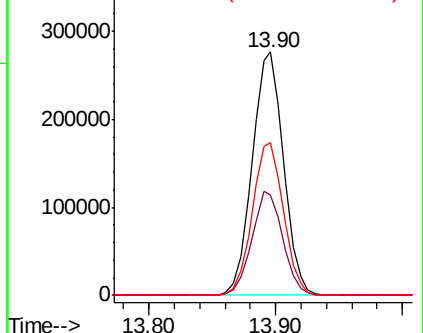
148 62.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.220 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VD066982.D

Acq: 30 Sep 2020 19:05

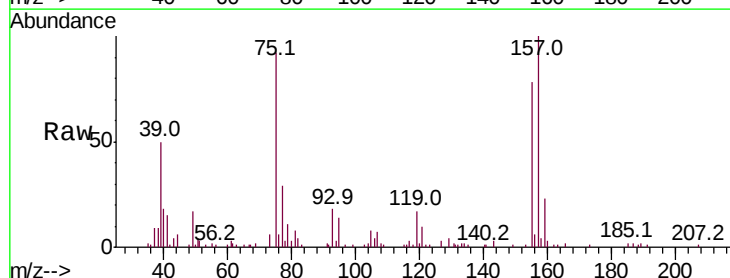
Tgt Ion: 75 Resp: 34295

Ion Ratio Lower Upper

75 100

155 88.4 40.4 121.2

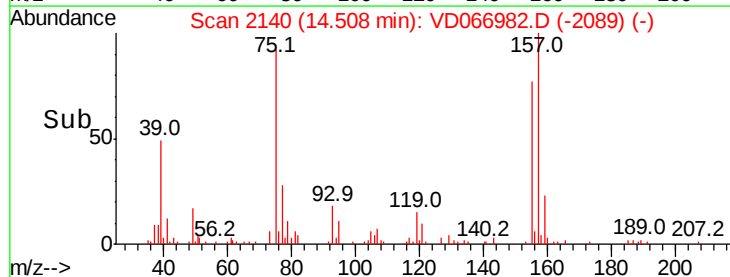
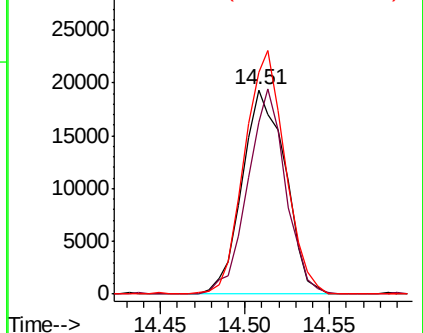
157 112.5 51.3 153.9

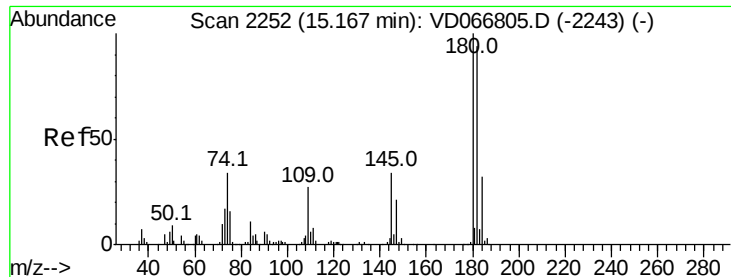


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

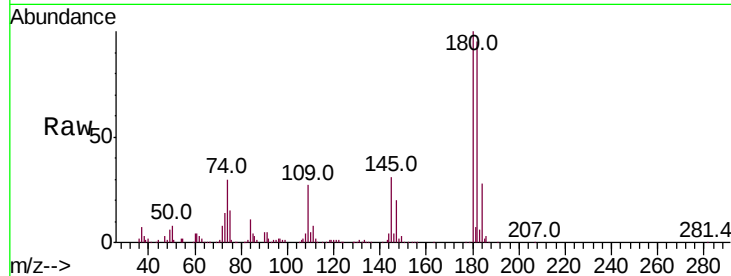




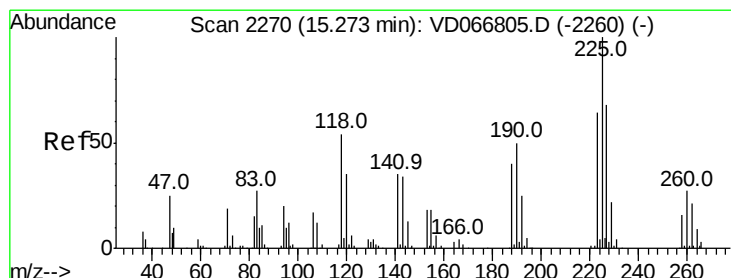
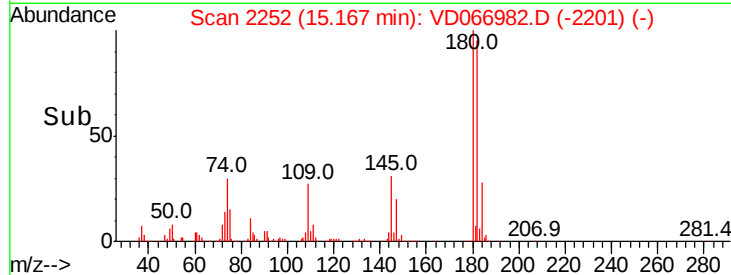
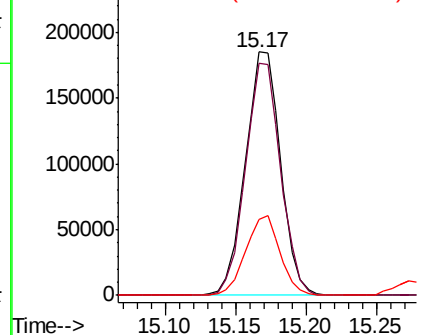
#93
 1,2,4-Trichlorobenzene
 Concen: 59.193 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066982.D
 Acq: 30 Sep 2020 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.8	146.3
145	32.0	16.7	50.0

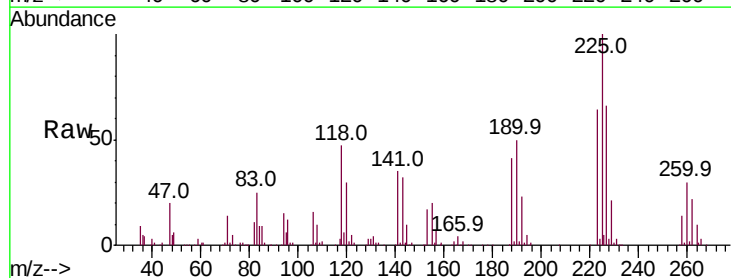


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

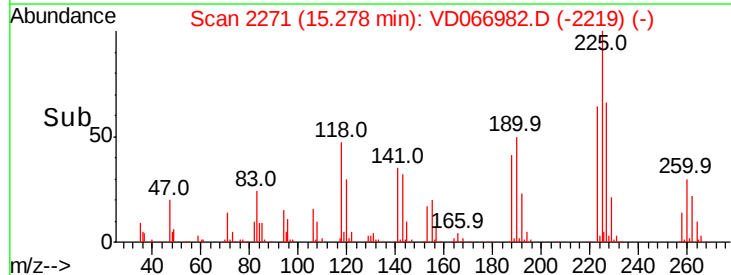
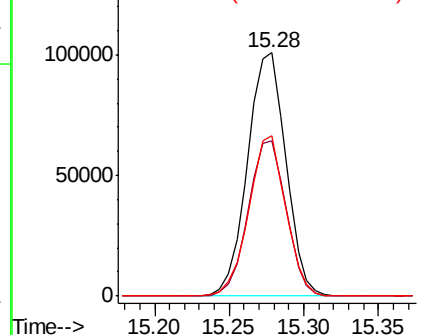


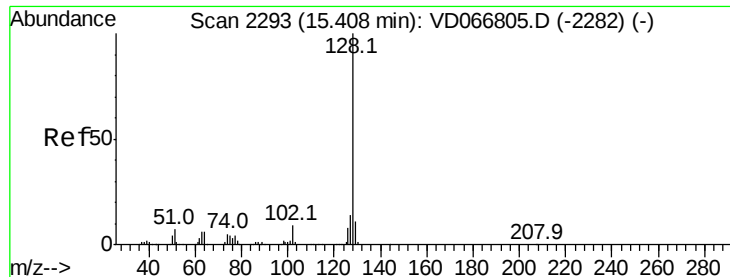
#94
 Hexachlorobutadiene
 Concen: 54.763 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066982.D
 Acq: 30 Sep 2020 19:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.1	93.3
227	63.2	31.7	95.1



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

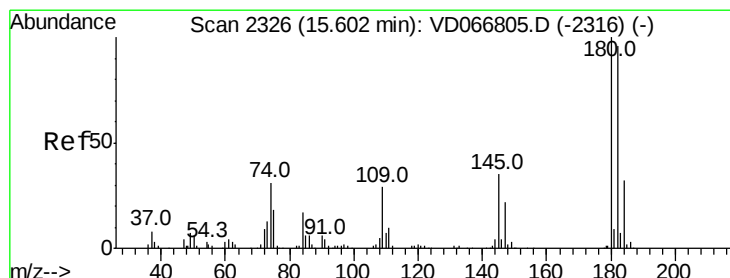
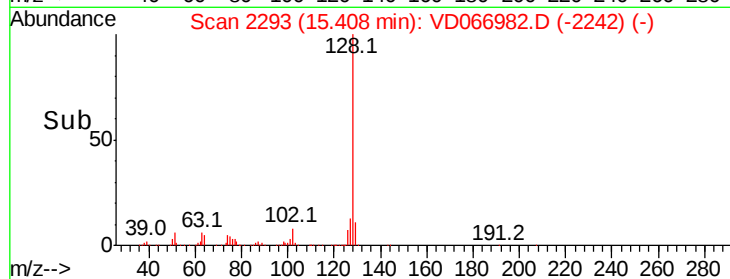
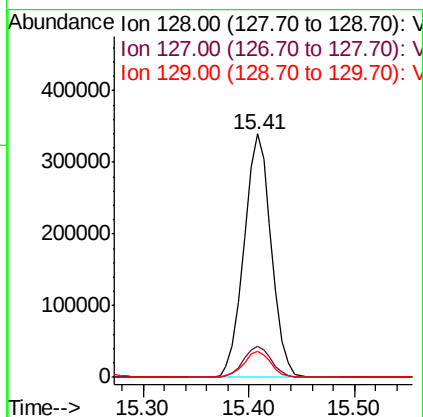
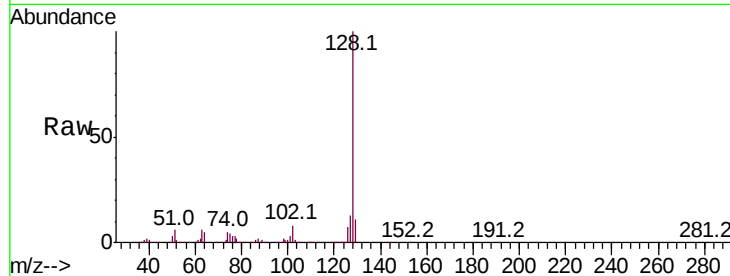




#95
Naphthalene
Concen: 65.323 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 606510
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 59.934 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066982.D
Acq: 30 Sep 2020 19:05

Tgt Ion:180 Resp: 282900
Ion Ratio Lower Upper
180 100
182 96.4 46.8 140.3
145 33.9 17.0 51.0

