

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083120\
 Data File : VD066491.D
 Acq On : 31 Aug 2020 18:56
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 01 01:03:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	145398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	201959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	188509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	105494	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	83892	58.85	ug/l	0.00
Spiked Amount			Recovery	=	117.70%	
35) Dibromofluoromethane	7.91	113	65163	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
50) Toluene-d8	10.34	98	241807	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	12.63	95	87596	53.42	ug/l	0.00
Spiked Amount			Recovery	=	106.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	55101	44.576	ug/l	98
3) Chloromethane	2.20	50	33611	38.360	ug/l	100
4) Vinyl Chloride	2.35	62	41506	44.120	ug/l	98
5) Bromomethane	2.76	94	37451	53.224	ug/l	93
6) Chloroethane	2.91	64	28725	47.686	ug/l	96
7) Trichlorofluoromethane	3.27	101	136896	53.514	ug/l	95
8) Diethyl Ether	3.71	74	25377	44.275	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	4.09	101	57831	45.808	ug/l	96
10) Methyl Iodide	4.30	142	62160	43.170	ug/l	92
11) Tert butyl alcohol	5.22	59	21845	271.034	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	52003	43.883	ug/l	94
13) Acrolein	3.92	56	8119	128.262	ug/l	92
14) Allyl chloride	4.72	41	62672	39.622	ug/l #	73
15) Acrylonitrile	5.42	53	48165	209.444	ug/l	99
16) Acetone	4.16	43	55263	215.039	ug/l	97
17) Carbon Disulfide	4.41	76	141434	39.382	ug/l	100
18) Methyl Acetate	4.71	43	20174	41.826	ug/l #	89
19) Methyl tert-butyl Ether	5.47	73	150322	52.681	ug/l	98
20) Methylene Chloride	4.96	84	64699	46.693	ug/l #	91
21) trans-1,2-Dichloroethene	5.47	96	63274	45.869	ug/l	96
22) Diisopropyl ether	6.36	45	125641	41.027	ug/l #	87
23) Vinyl Acetate	6.30	43	408898	215.683	ug/l	95
24) 1,1-Dichloroethane	6.26	63	97091	44.863	ug/l #	93
25) 2-Butanone	7.21	43	57382	196.683	ug/l	95
26) 2,2-Dichloropropane	7.20	77	120726	52.048	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	69237	46.842	ug/l	98
28) Bromochloromethane	7.55	49	32862	44.083	ug/l	81
29) Tetrahydrofuran	7.56	42	32039	193.345	ug/l #	88
30) Chloroform	7.71	83	127705	51.002	ug/l	99
31) Cyclohexane	7.98	56	71845	36.299	ug/l	87
32) 1,1,1-Trichloroethane	7.90	97	140005	54.633	ug/l	98
36) 1,1-Dichloropropene	8.10	75	86243	46.801	ug/l	99
37) Ethyl Acetate	7.29	43	25790	41.149	ug/l #	93
38) Carbon Tetrachloride	8.09	117	138367	57.633	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.35	83	96940	44.658	ug/l	99
40) Benzene	8.35	78	226861	46.798	ug/l	94
41) Methacrylonitrile	7.56	41	40082	103.705	ug/l #	96
42) 1,2-Dichloroethane	8.42	62	101408	59.394	ug/l	95
43) Isopropyl Acetate	8.45	43	57358	45.596	ug/l	99
44) Trichloroethene	9.11	130	79478	50.456	ug/l	99
45) 1,2-Dichloropropane	9.38	63	47384	43.116	ug/l	98
46) Dibromomethane	9.47	93	35077	51.263	ug/l	98
47) Bromodichloromethane	9.66	83	101217	53.789	ug/l	99
48) Methyl methacrylate	9.45	41	29189	44.997	ug/l #	83
49) 1,4-Dioxane	9.45	88	7428	934.889	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	133377	219.170	ug/l	98
52) Toluene	10.40	92	167721	51.068	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	92765	51.953	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	96110	47.954	ug/l #	86
55) 1,1,2-Trichloroethane	10.80	97	43752	47.232	ug/l	89
56) Ethyl methacrylate	10.66	69	49577	46.233	ug/l #	83
57) 1,3-Dichloropropane	10.94	76	72695	47.443	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	97767	219.518	ug/l	90
59) 2-Hexanone	10.98	43	93747	218.395	ug/l	97
60) Dibromochloromethane	11.14	129	72917	52.222	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43140	47.323	ug/l	100
64) Tetrachloroethene	10.87	164	72733	50.862	ug/l	96
65) Chlorobenzene	11.67	112	187946	50.114	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	80464	52.499	ug/l	97
67) Ethyl Benzene	11.74	91	336008	50.897	ug/l	95
68) m/p-Xylenes	11.85	106	259252	103.031	ug/l	96
69) o-Xylene	12.18	106	119837	51.194	ug/l	98
70) Styrene	12.20	104	209001	51.999	ug/l	97
71) Bromoform	12.36	173	44918	51.657	ug/l #	97
73) Isopropylbenzene	12.48	105	341068	48.262	ug/l	100
74) N-amyl acetate	12.29	43	51461	40.318	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	40095	39.716	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	66313	89.352	ug/l #	1
77) Bromobenzene	12.76	156	87714	48.901	ug/l	95
78) n-propylbenzene	12.82	91	370913	45.775	ug/l	96
79) 2-Chlorotoluene	12.91	91	221147	47.785	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	298206	48.872	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	14937	42.722	ug/l	87
82) 4-Chlorotoluene	13.01	91	231119	47.137	ug/l	95
83) tert-Butylbenzene	13.23	119	262410	49.513	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	306029	51.063	ug/l	97
85) sec-Butylbenzene	13.40	105	326002	46.948	ug/l	98
86) p-Isopropyltoluene	13.52	119	334571	49.969	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	160892	48.053	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	161371	48.001	ug/l	99
89) n-Butylbenzene	13.84	91	272781	46.168	ug/l	98
90) Hexachloroethane	14.11	117	59621	45.077	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	143844	49.905	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10469	49.444	ug/l	83

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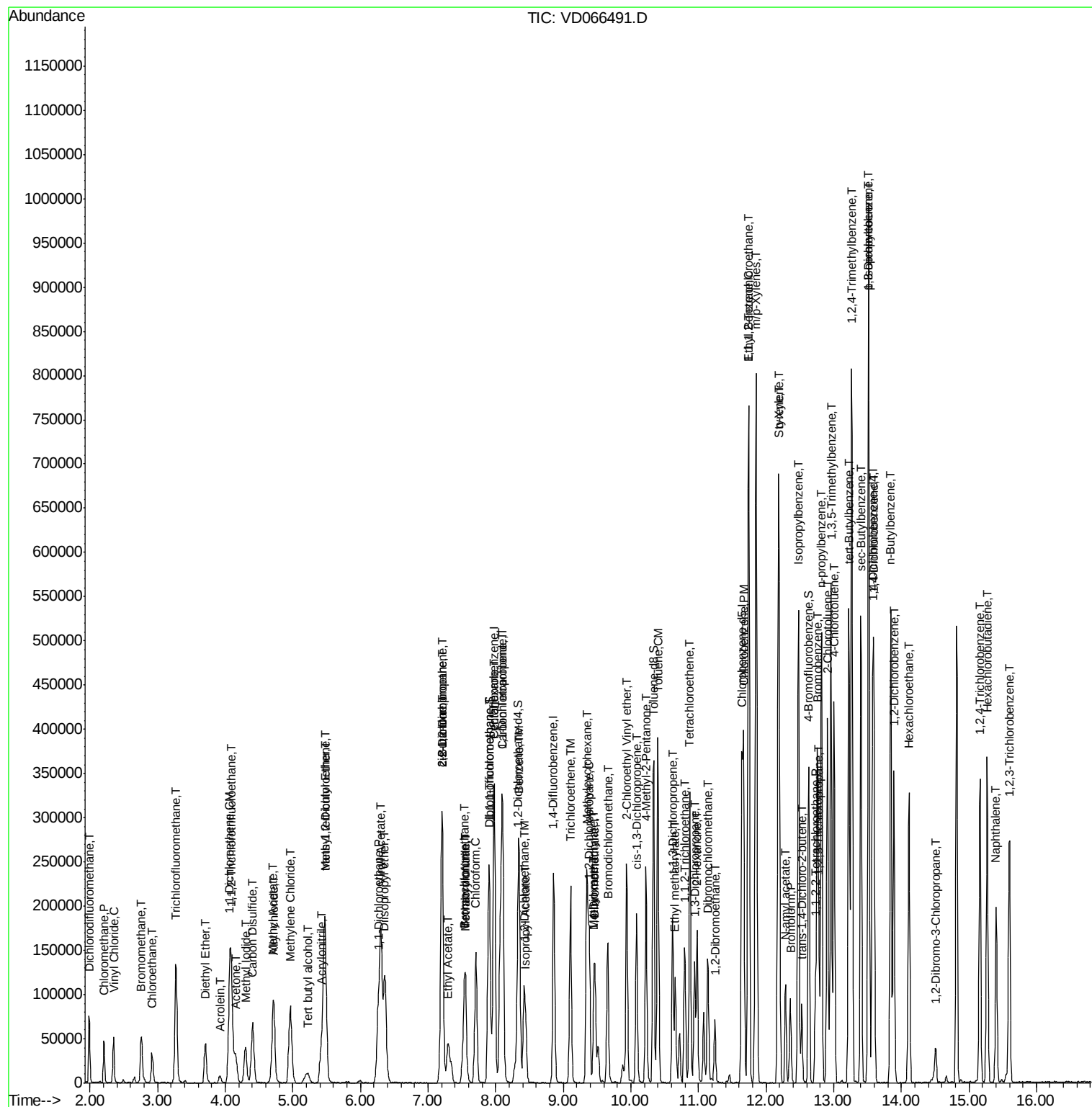
Quant Time: Sep 01 01:03:21 2020
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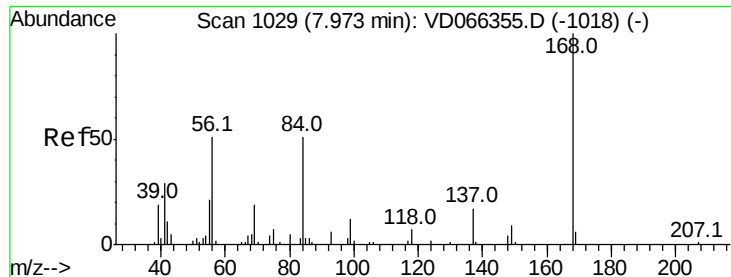
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	114418	50.847	ug/l	98
94) Hexachlorobutadiene	15.27	225	73700	52.704	ug/l	96
95) Naphthalene	15.40	128	174783	49.454	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	97019	50.330	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066491.D

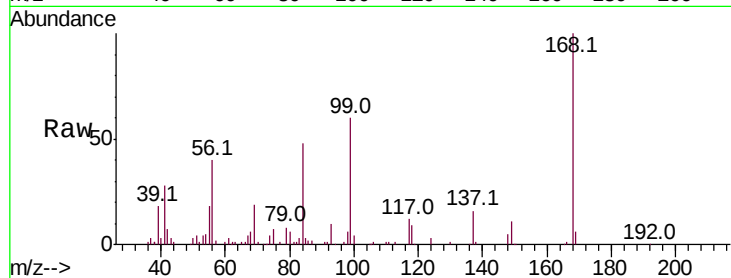
Acq: 31 Aug 2020 18:56

Tot Ion:168 Resp: 145398

Ion Ratio Lower Upper

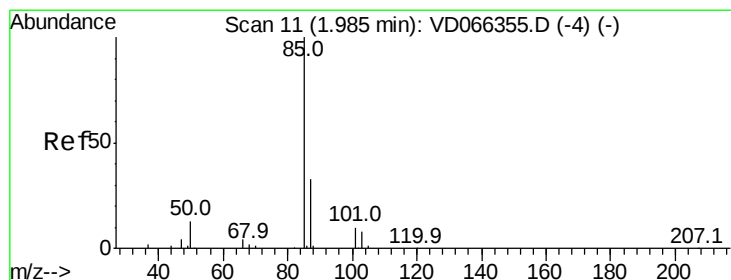
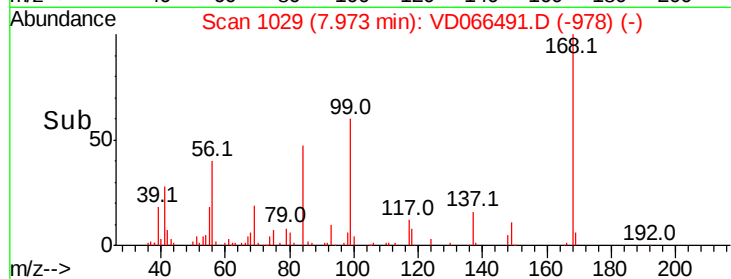
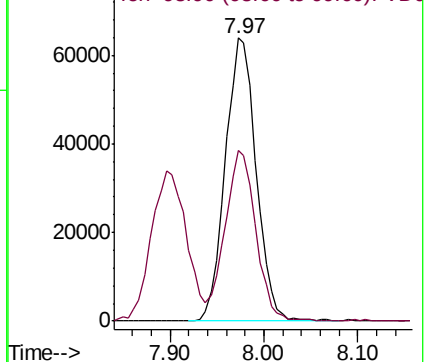
168 100

99 60.2 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 44.576 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066491.D

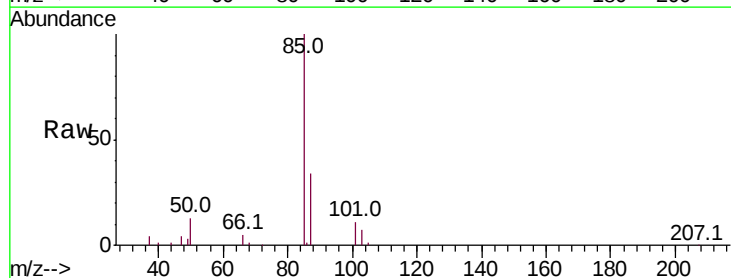
Acq: 31 Aug 2020 18:56

Tgt Ion: 85 Resp: 55101

Ion Ratio Lower Upper

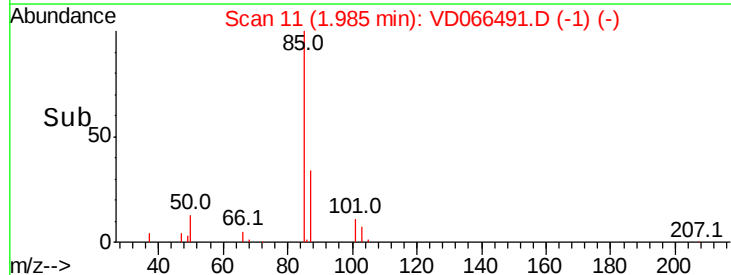
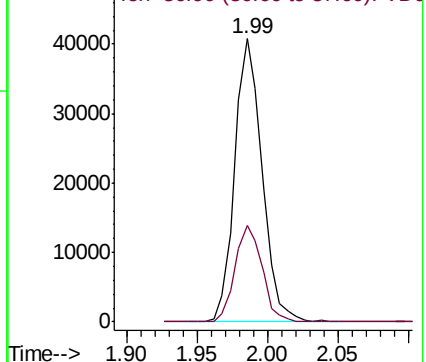
85 100

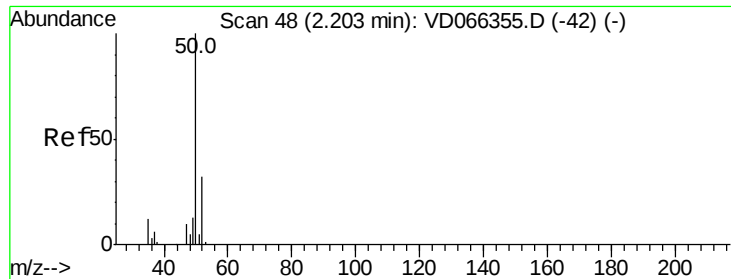
87 34.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 38.360 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD066491.D

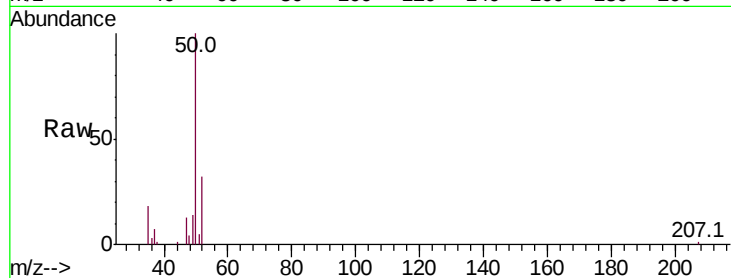
Acq: 31 Aug 2020 18:56

Tot Ion: 50 Resp: 33611

Ion Ratio Lower Upper

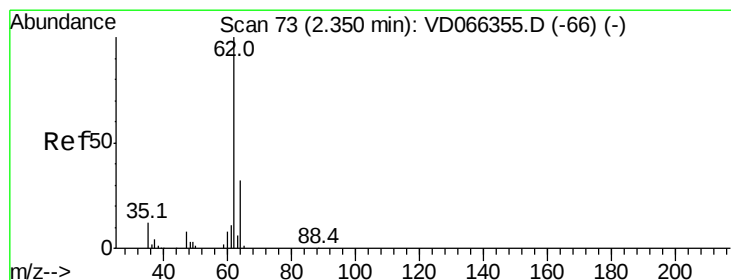
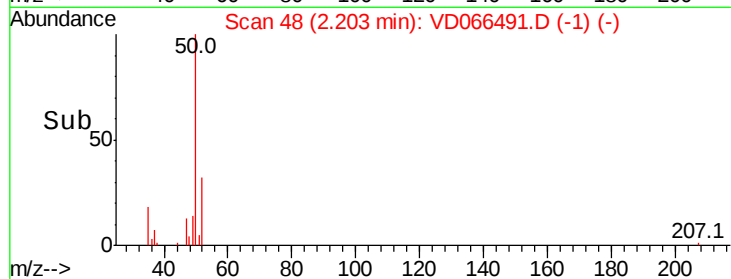
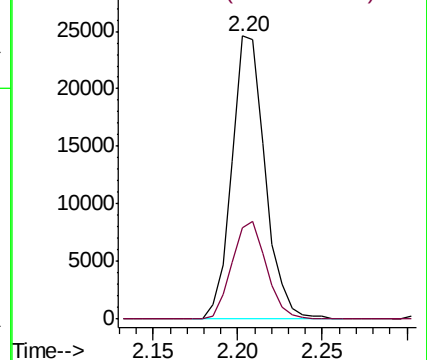
50 100

52 32.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 44.120 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066491.D

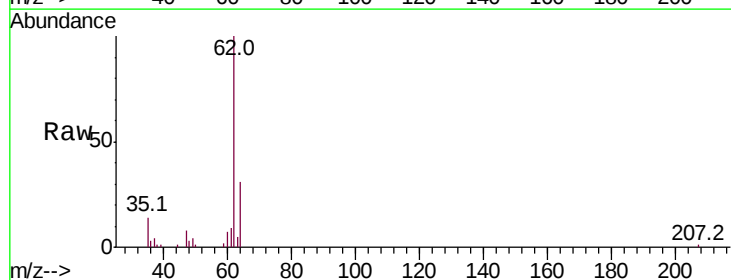
Acq: 31 Aug 2020 18:56

Tgt Ion: 62 Resp: 41506

Ion Ratio Lower Upper

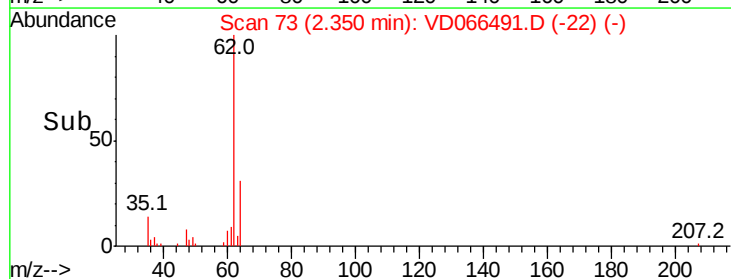
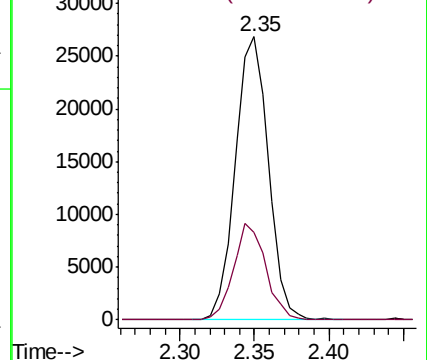
62 100

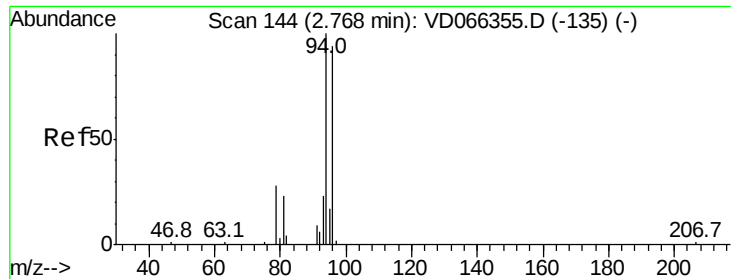
64 30.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 53.224 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066491.D

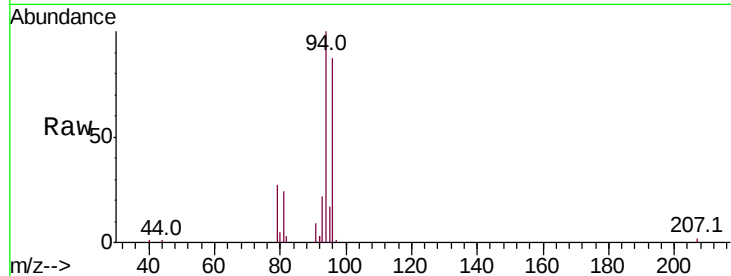
Acq: 31 Aug 2020 18:56

Tot Ion: 94 Resp: 37451

Ion Ratio Lower Upper

94 100

96 86.7 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

20000

15000

10000

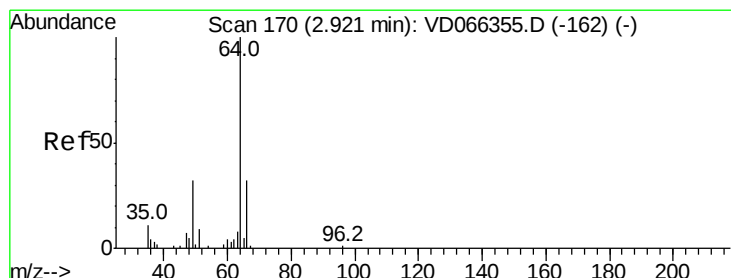
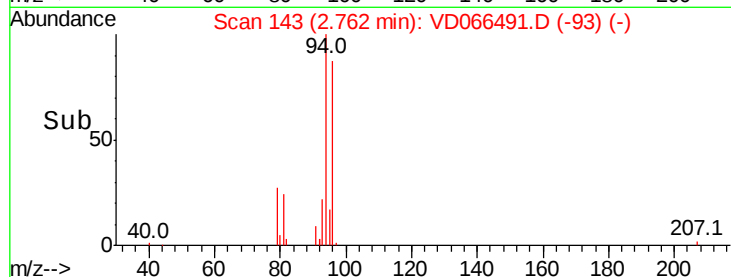
5000

0

2.76

2.70 2.80

Time-->



#6

Chloroethane

Concen: 47.686 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066491.D

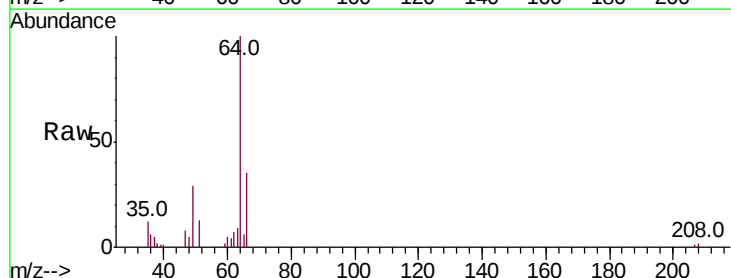
Acq: 31 Aug 2020 18:56

Tgt Ion: 64 Resp: 28725

Ion Ratio Lower Upper

64 100

66 34.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

15000

10000

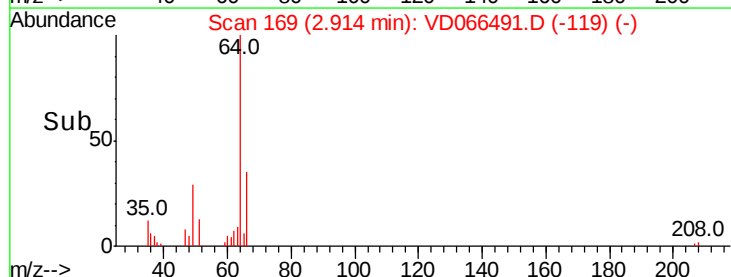
5000

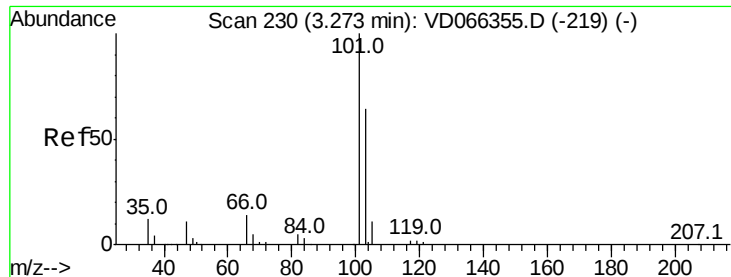
0

2.91

2.85 2.95 3.00

Time-->

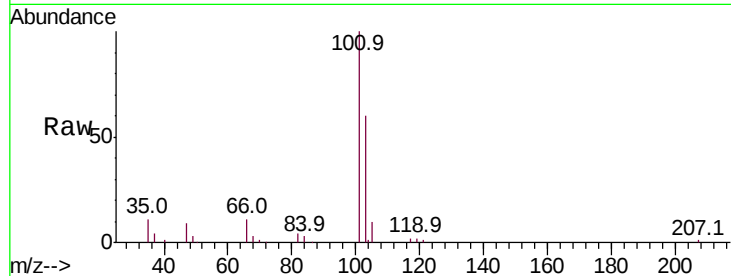




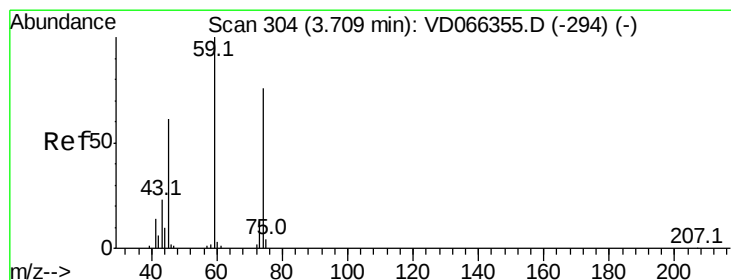
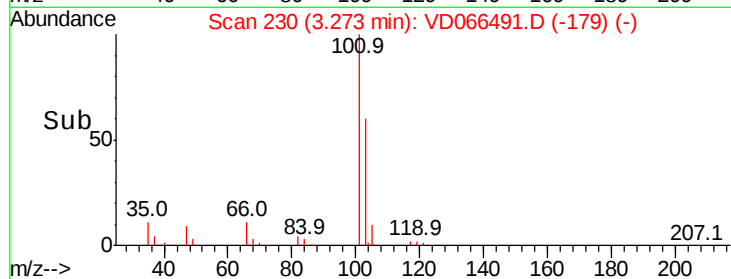
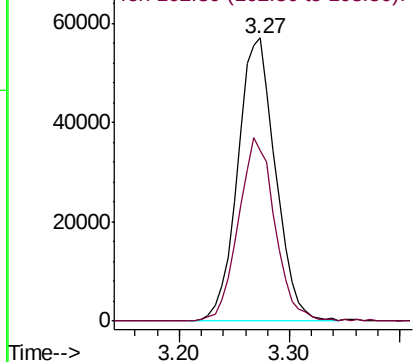
#7

Trichlorofluoromethane
Concen: 53.514 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tot Ion:101 Resp: 136896
Ion Ratio Lower Upper
101 100
103 60.3 51.4 77.0



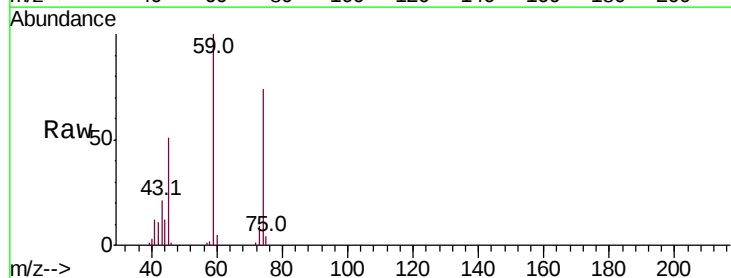
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



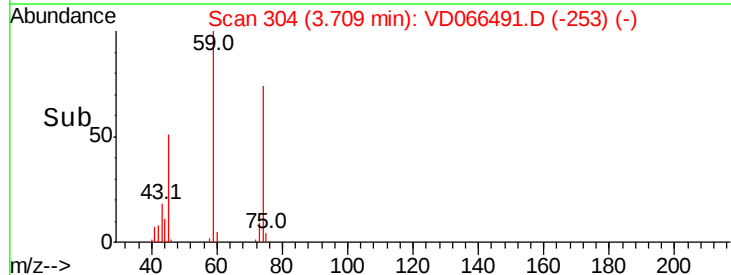
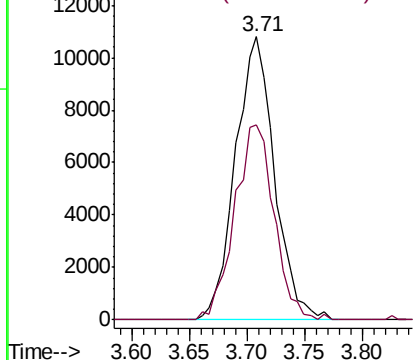
#8

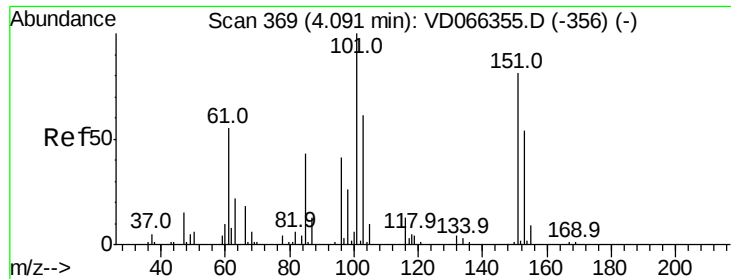
Diethyl Ether
Concen: 44.275 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion: 74 Resp: 25377
Ion Ratio Lower Upper
74 100
45 69.6 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.808 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

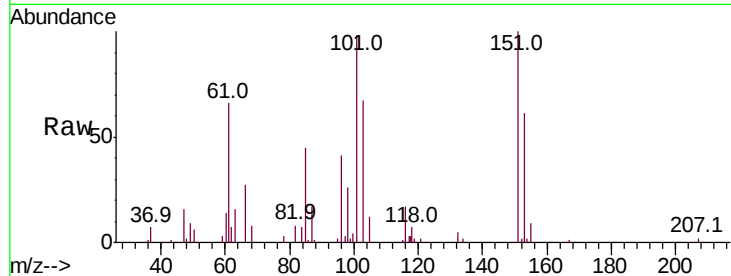
Tot Ion:101 Resp: 57831

Ion Ratio Lower Upper

101 100

85 46.8 36.4 54.6

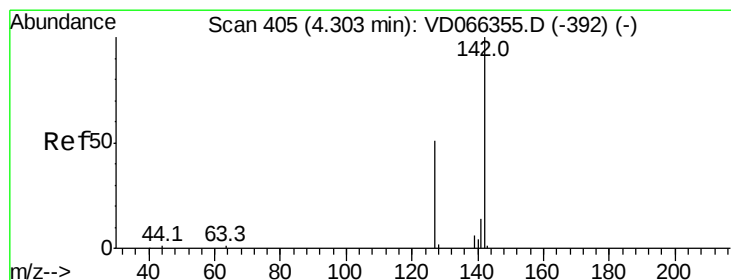
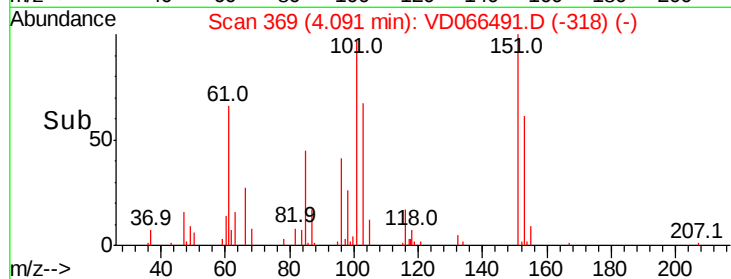
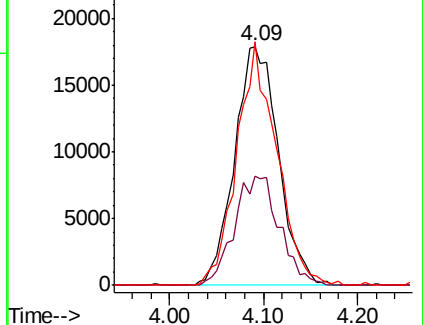
151 92.6 70.5 105.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.170 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

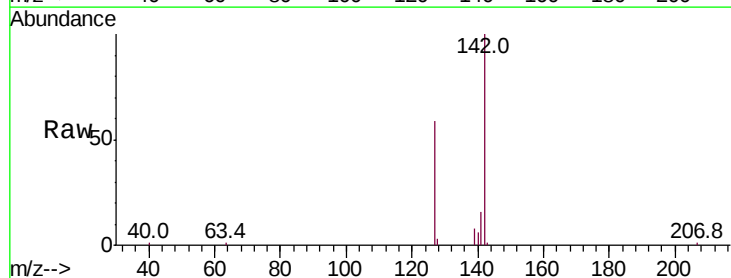
Tgt Ion:142 Resp: 62160

Ion Ratio Lower Upper

142 100

127 59.4 41.8 62.8

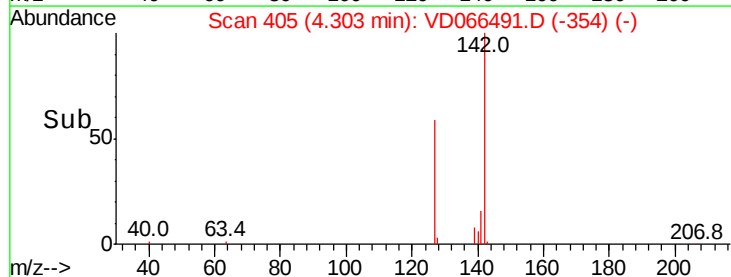
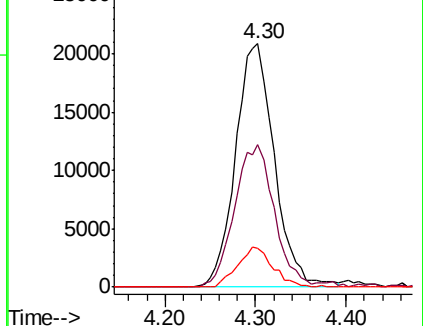
141 14.7 11.8 17.6

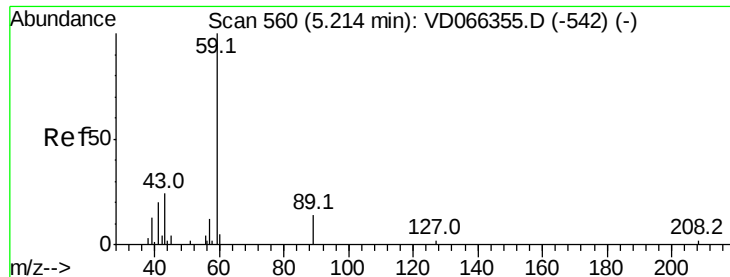


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

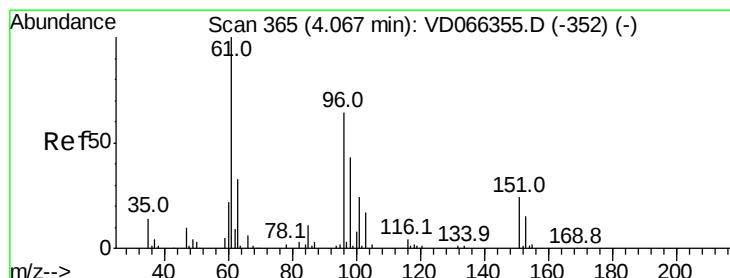
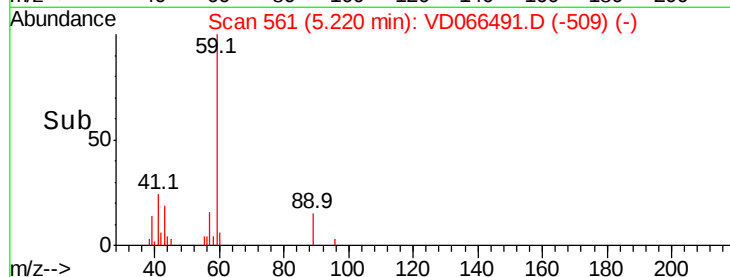
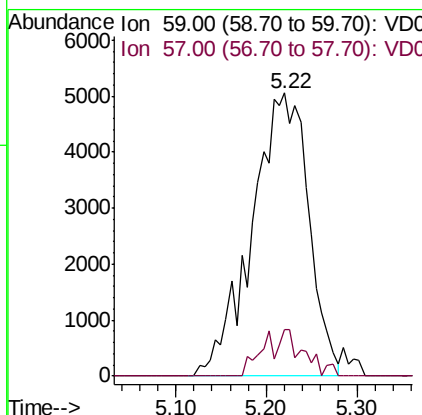
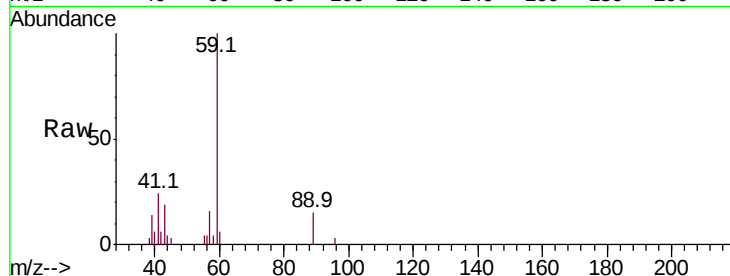




#11

Tert butyl alcohol
Concen: 271.034 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

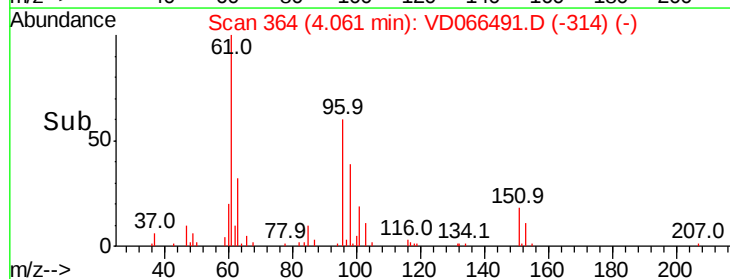
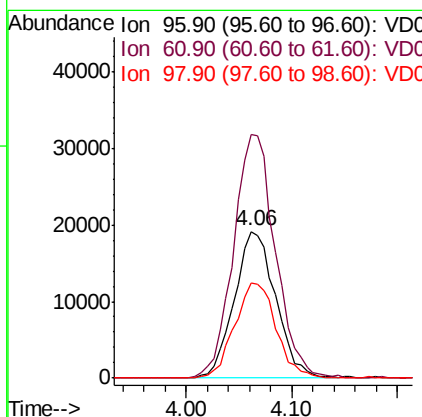
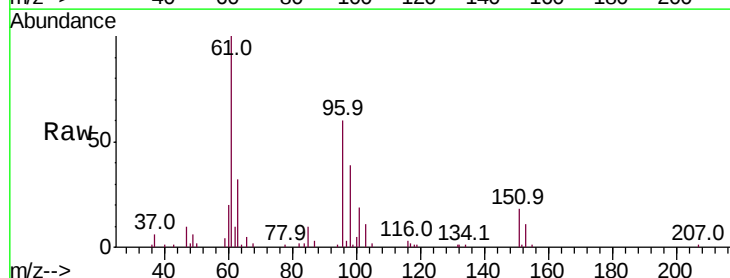
Tot Ion: 59 Resp: 21845
Ion Ratio Lower Upper
59 100
57 7.2 9.0 13.4#

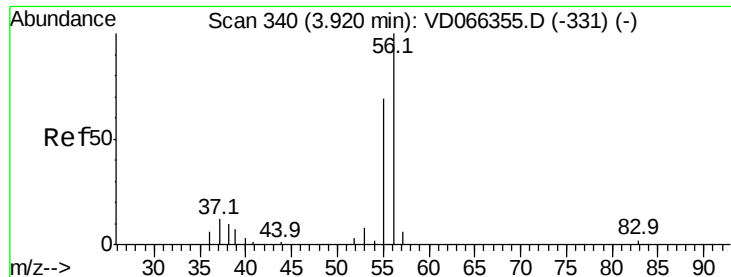


#12

1,1-Dichloroethene
Concen: 43.883 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion: 96 Resp: 52003
Ion Ratio Lower Upper
96 100
61 165.8 124.3 186.5
98 64.6 53.2 79.8





#13

Acrolein

Concen: 128.262 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066491.D

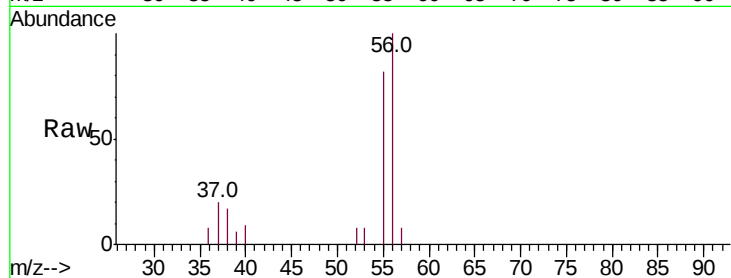
Acq: 31 Aug 2020 18:56

Tot Ion: 56 Resp: 8119

Ion Ratio Lower Upper

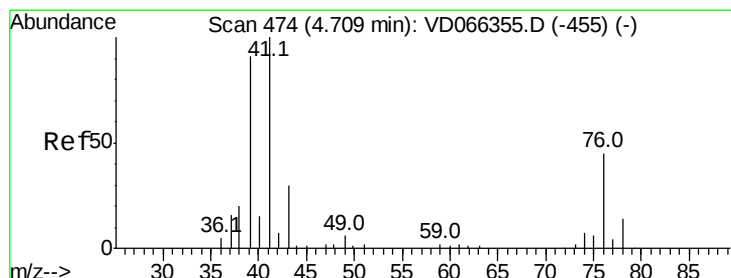
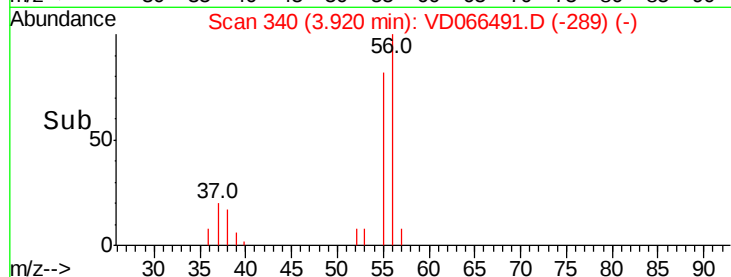
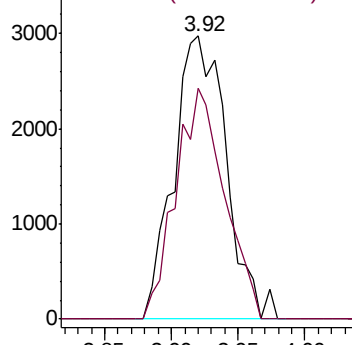
56 100

55 76.2 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 39.622 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

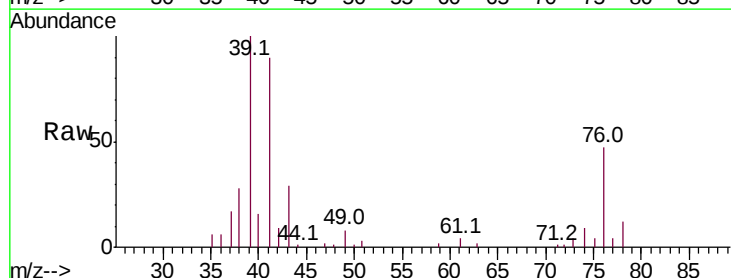
Tgt Ion: 41 Resp: 62672

Ion Ratio Lower Upper

41 100

39 123.3 72.8 109.2#

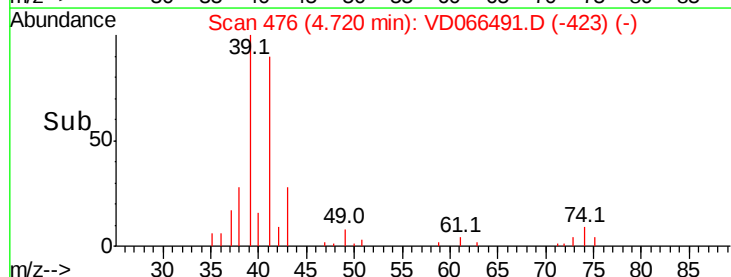
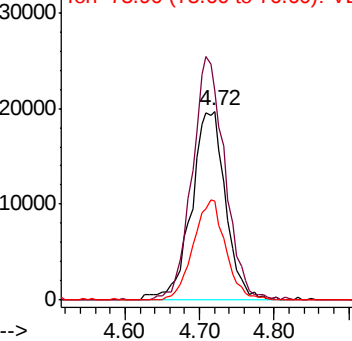
76 50.2 34.0 51.0

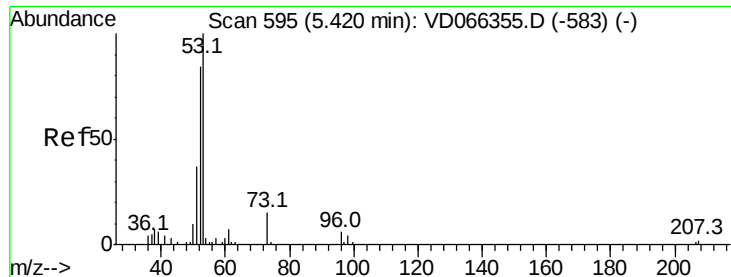


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 209.444 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

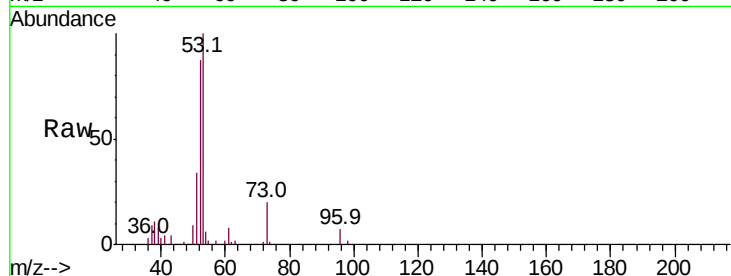
Tot Ion: 53 Resp: 48165

Ion Ratio Lower Upper

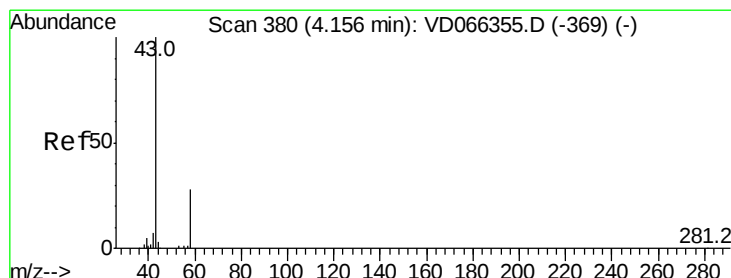
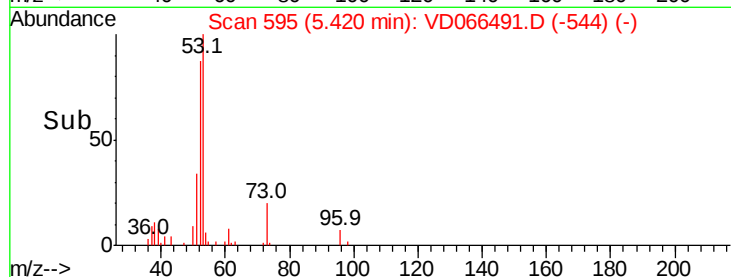
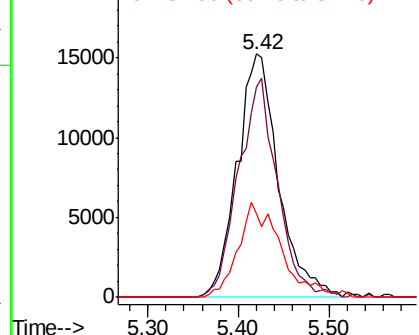
53 100

52 85.1 68.1 102.1

51 40.5 33.8 50.6



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



#16

Acetone

Concen: 215.039 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066491.D

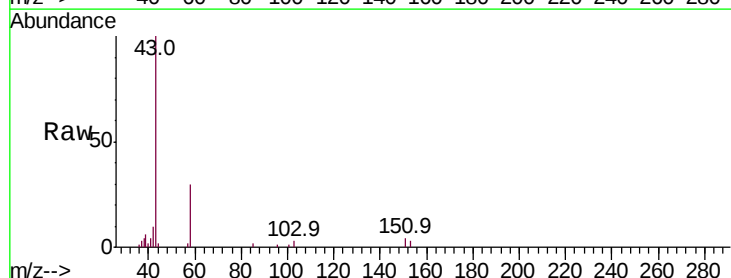
Acq: 31 Aug 2020 18:56

Tgt Ion: 43 Resp: 55263

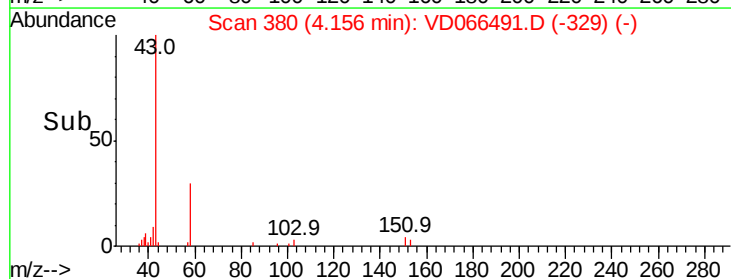
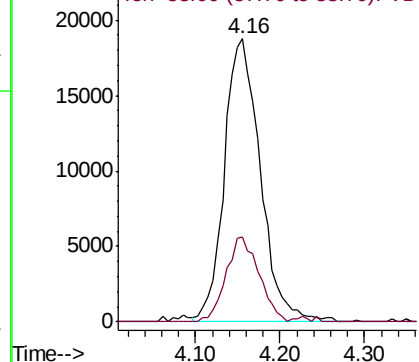
Ion Ratio Lower Upper

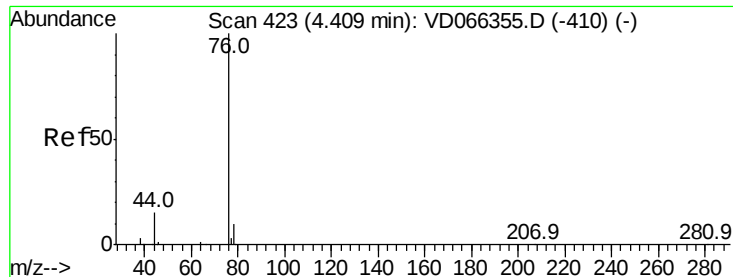
43 100

58 30.0 22.7 34.1



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





#17

Carbon Disulfide

Concen: 39.382 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066491.D

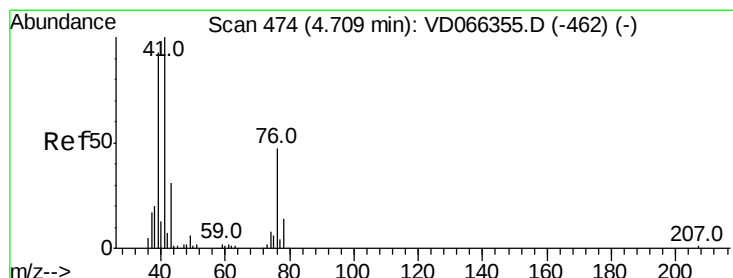
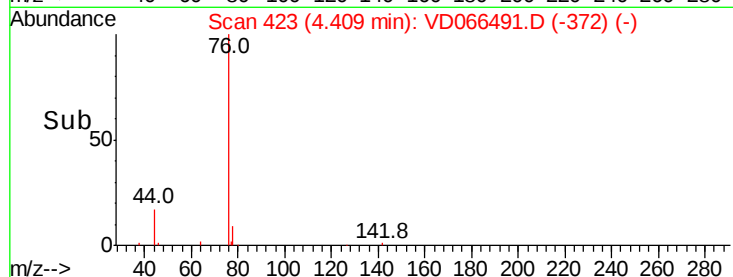
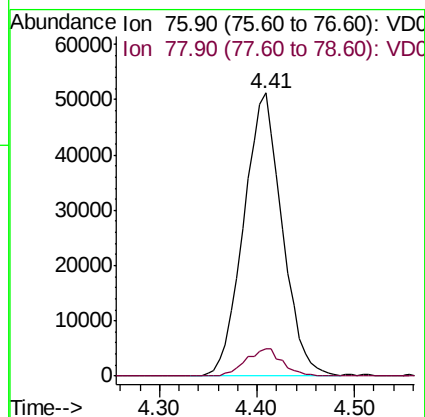
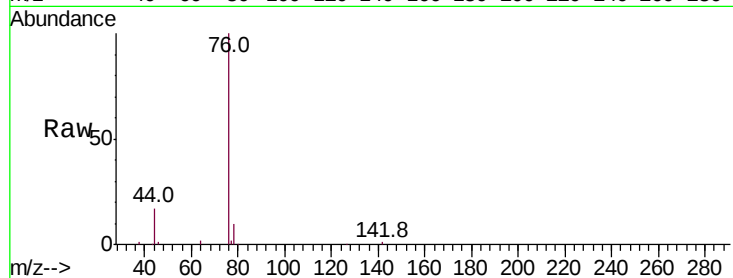
Acq: 31 Aug 2020 18:56

Tot Ion: 76 Resp: 141434

Ion Ratio Lower Upper

76 100

78 9.5 7.7 11.5



#18

Methyl Acetate

Concen: 41.826 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066491.D

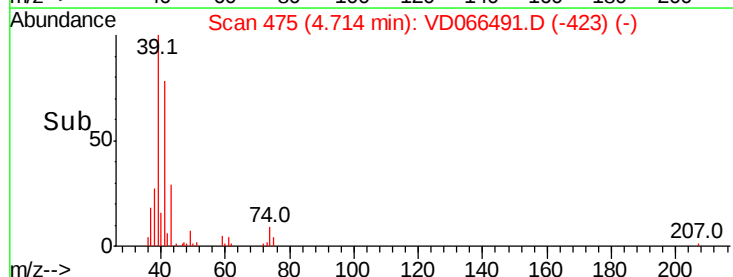
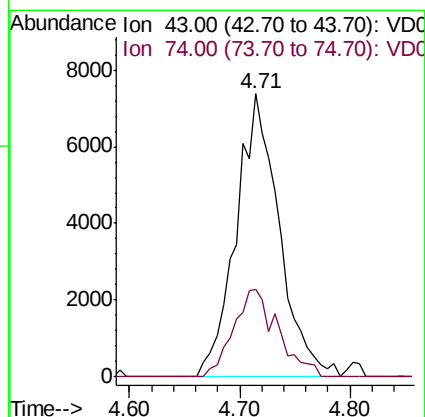
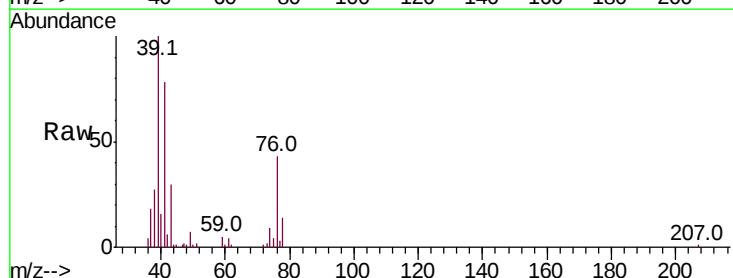
Acq: 31 Aug 2020 18:56

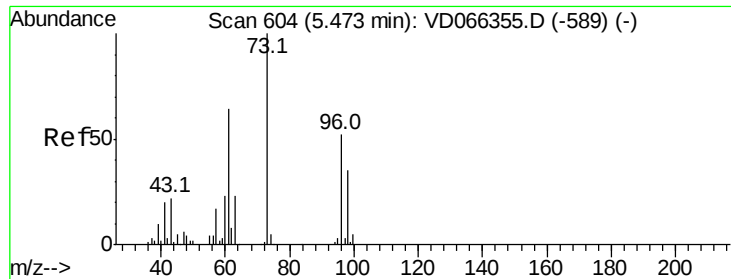
Tgt Ion: 43 Resp: 20174

Ion Ratio Lower Upper

43 100

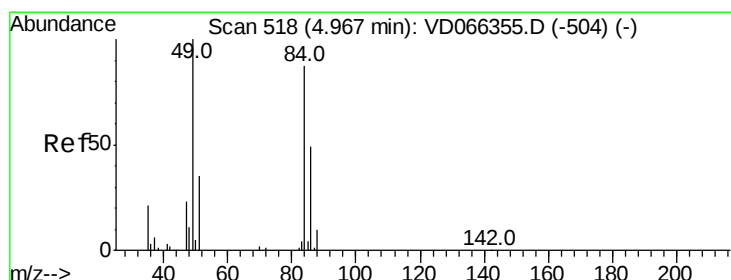
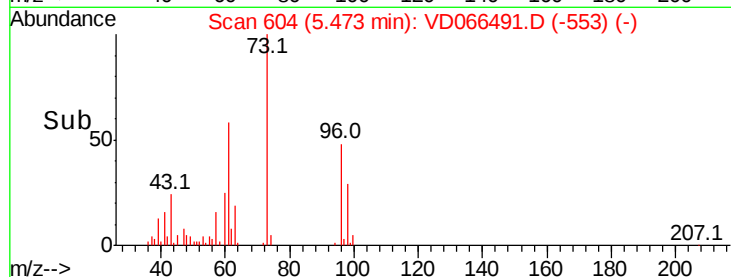
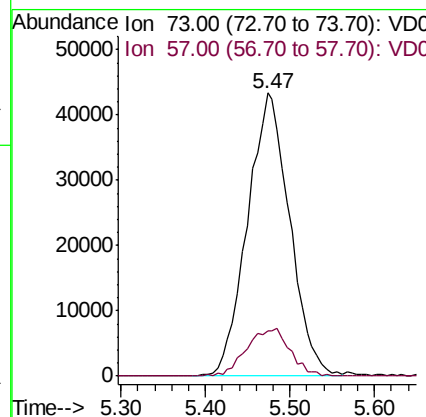
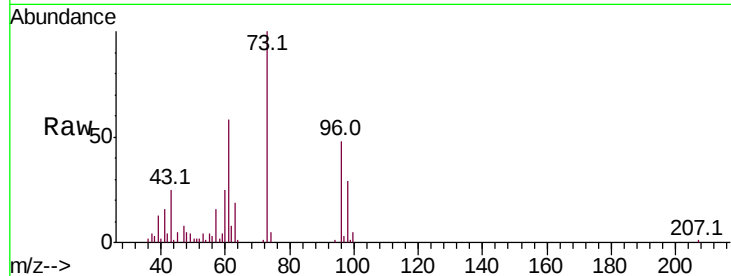
74 31.8 21.0 31.6#





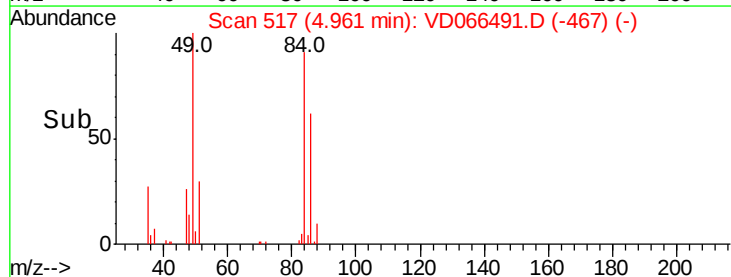
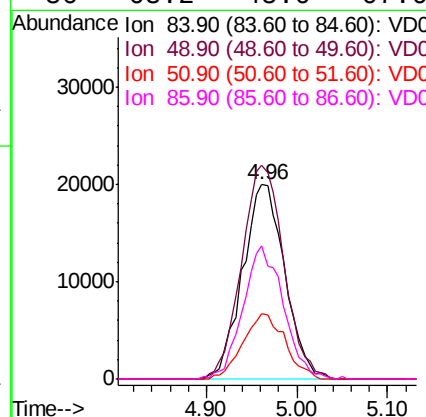
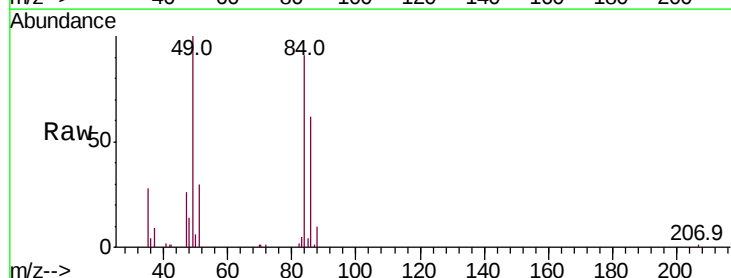
#19
Methvl tert-butvl Ether
Concen: 52.681 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

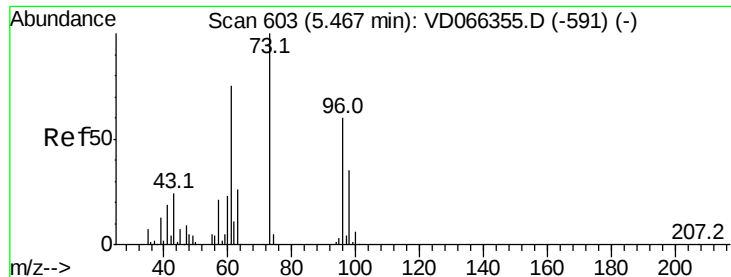
Tot Ion: 73 Resp: 150322
Ion Ratio Lower Upper
73 100
57 16.2 13.8 20.6



#20
Methylene Chloride
Concen: 46.693 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion: 84 Resp: 64699
Ion Ratio Lower Upper
84 100
49 109.8 92.5 138.7
51 33.4 32.5 48.7
86 68.2 45.0 67.6#





#21

trans-1,2-Dichloroethene

Concen: 45.869 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

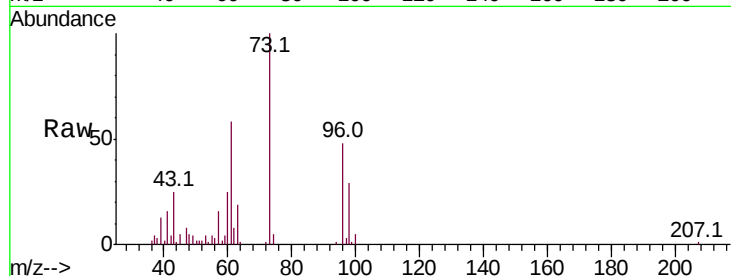
Tot Ion: 96 Resp: 63274

Ion Ratio Lower Upper

96 100

61 120.4 101.1 151.7

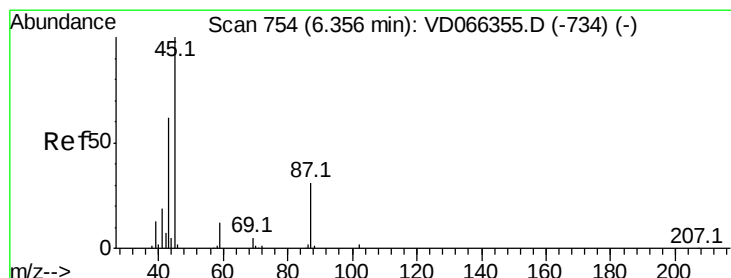
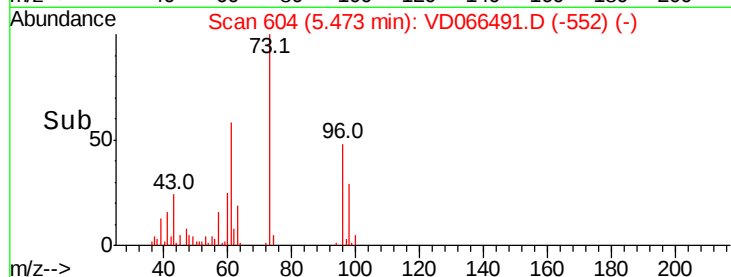
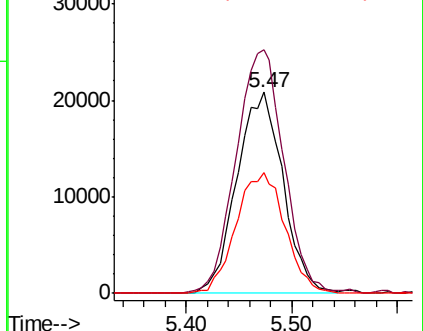
98 59.8 47.0 70.6



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: 41.027 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Tgt Ion: 45 Resp: 125641

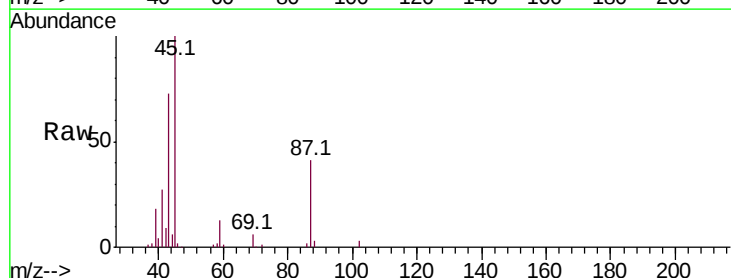
Ion Ratio Lower Upper

45 100

43 72.4 49.8 74.8

87 41.1 25.0 37.6#

59 12.3 9.6 14.4

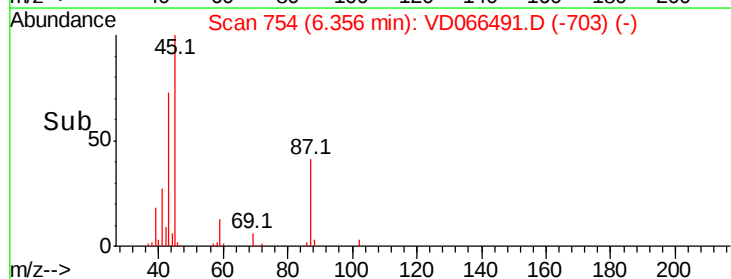
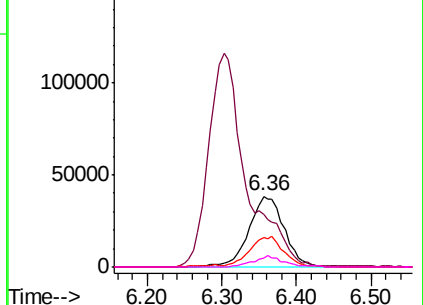


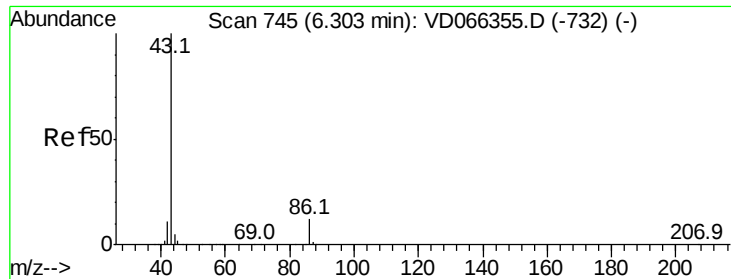
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 215.683 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066491.D

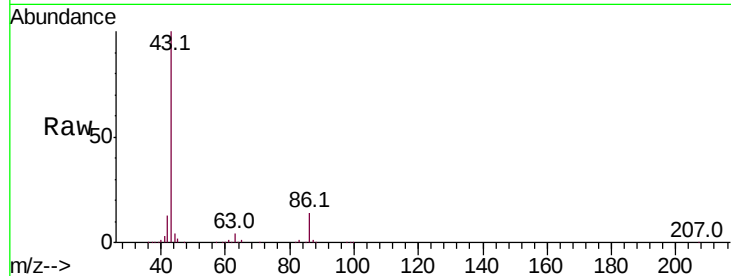
Acq: 31 Aug 2020 18:56

Tot Ion: 43 Resp: 408898

Ion Ratio Lower Upper

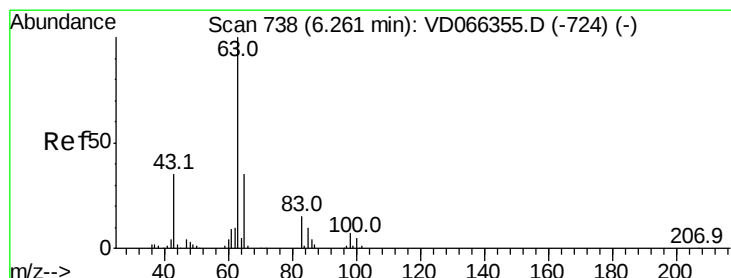
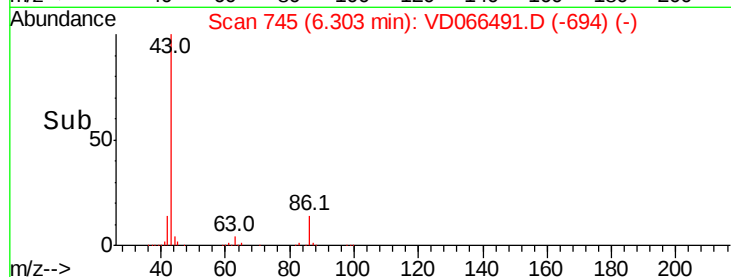
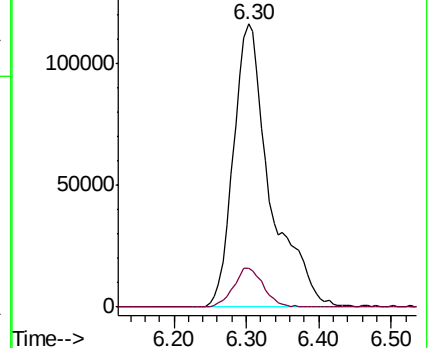
43 100

86 13.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 44.863 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

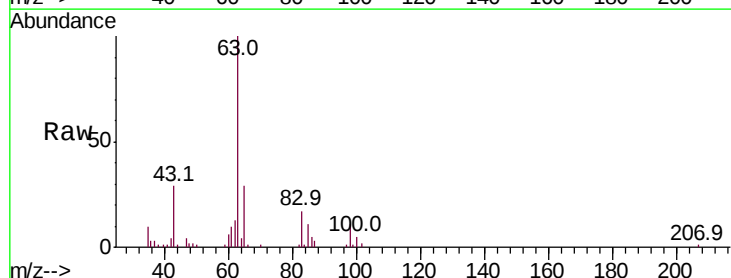
Tgt Ion: 63 Resp: 97091

Ion Ratio Lower Upper

63 100

98 11.3 3.5 10.6#

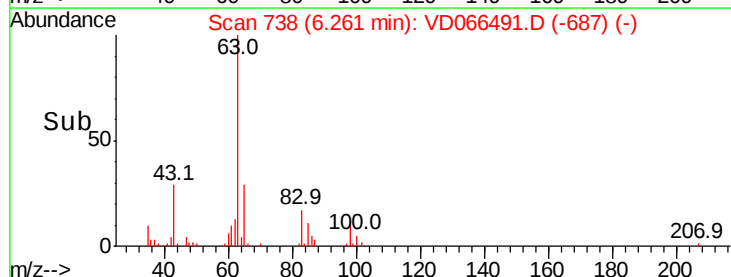
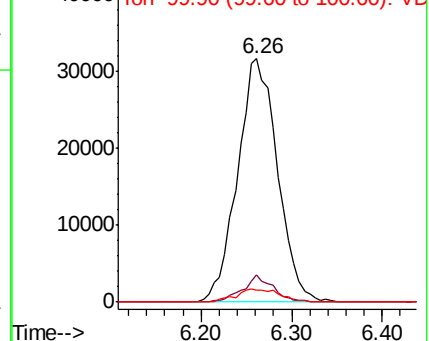
100 5.0 2.5 7.6

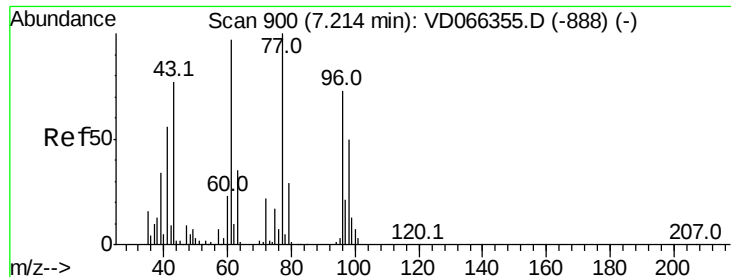


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 196.683 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066491.D

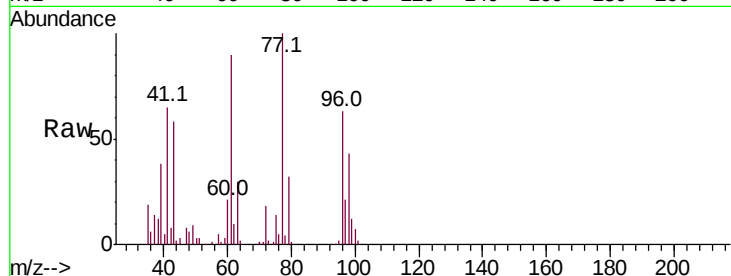
Acq: 31 Aug 2020 18:56

Tot Ion: 43 Resp: 57382

Ion Ratio Lower Upper

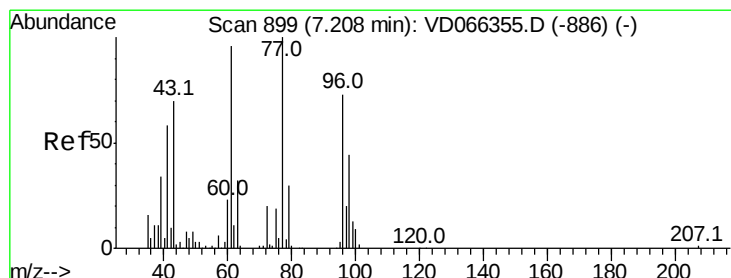
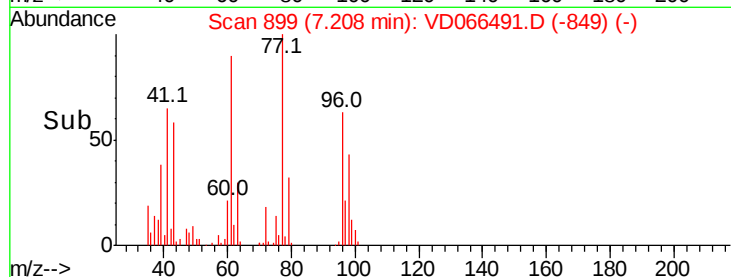
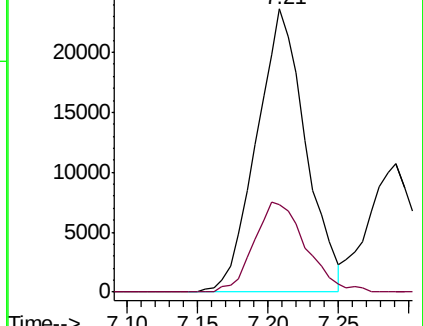
43 100

72 30.8 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 52.048 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066491.D

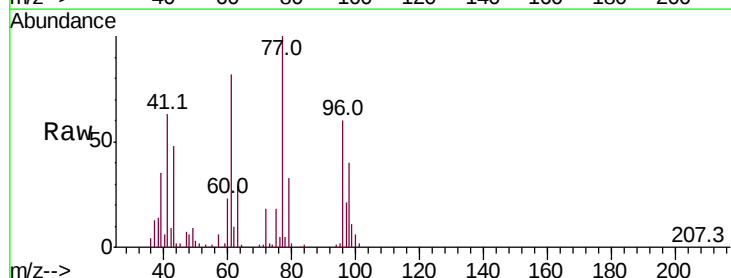
Acq: 31 Aug 2020 18:56

Tgt Ion: 77 Resp: 120726

Ion Ratio Lower Upper

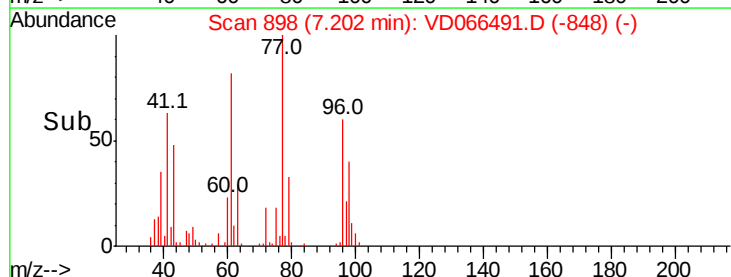
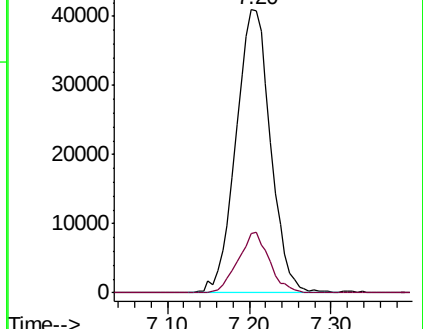
77 100

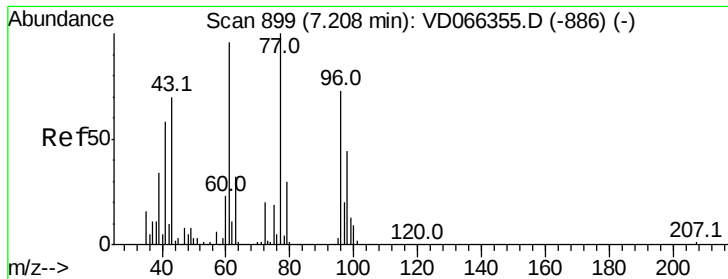
97 19.3 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

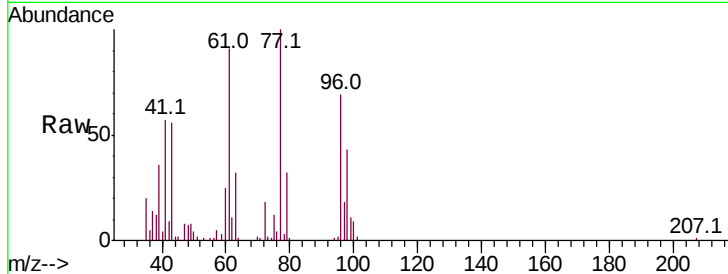




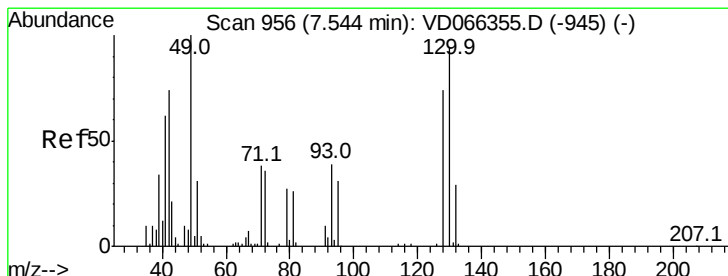
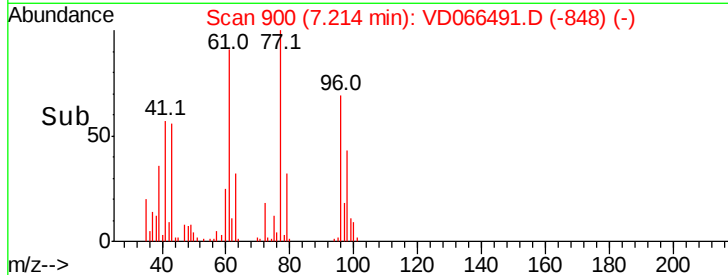
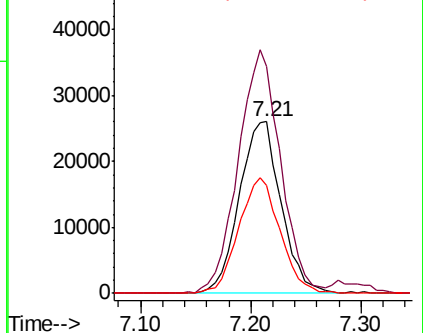
#27

cis-1,2-Dichloroethene
Concen: 46.842 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tot Ion	96	Resp	69237
Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	281.4
98	66.8	0.0	132.2



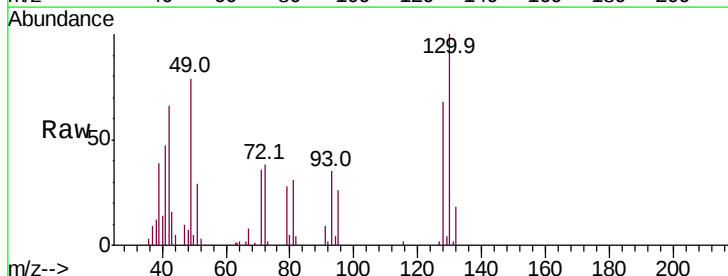
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



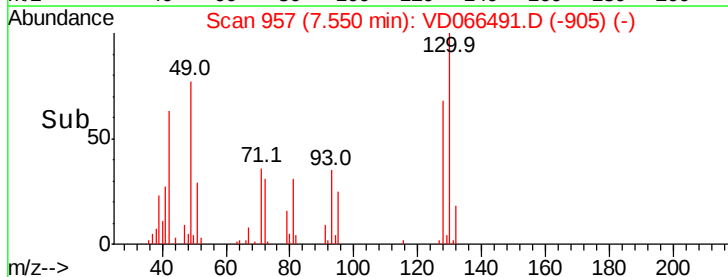
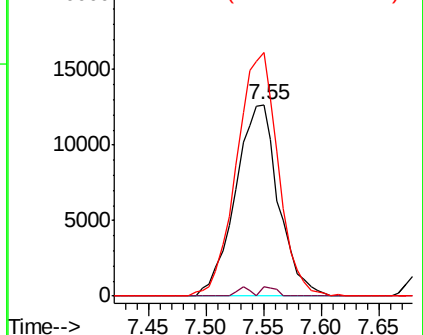
#28

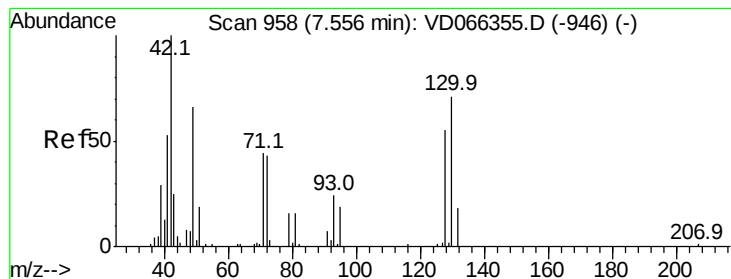
Bromochloromethane
Concen: 44.083 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion	49	Resp	32862
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.0
130	122.6	82.6	124.0



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





#29

Tetrahydrofuran

Concen: 193.345 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

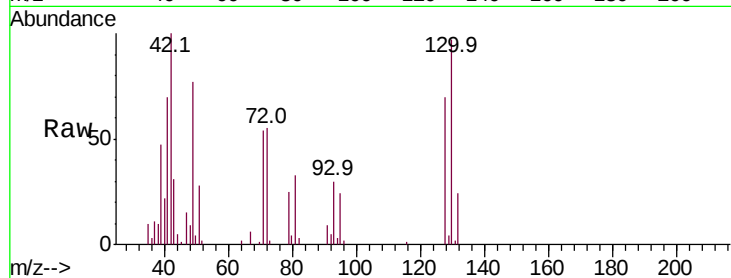
Tot Ion: 42 Resp: 32039

Ion Ratio Lower Upper

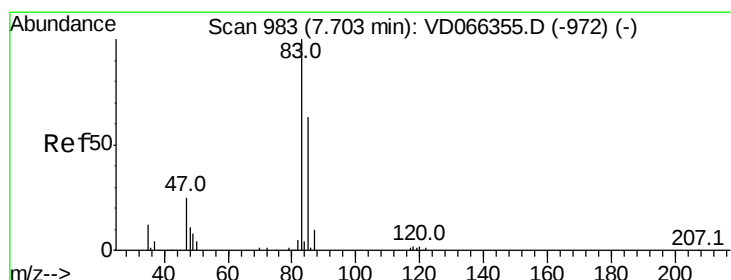
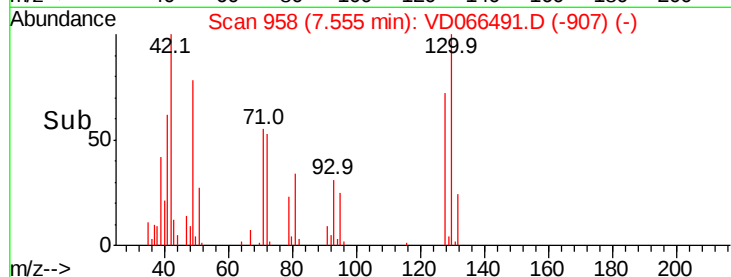
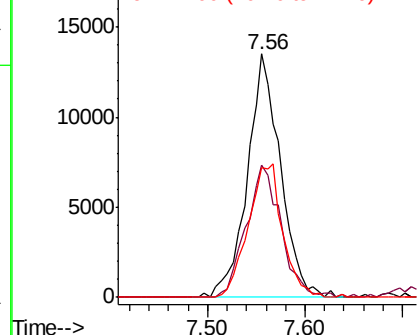
42 100

72 57.3 41.0 61.4

71 57.3 37.2 55.8#



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: 51.002 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066491.D

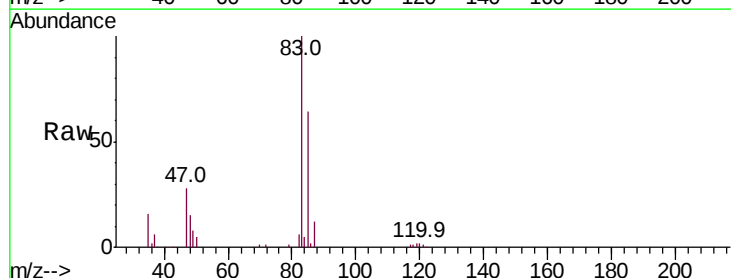
Acq: 31 Aug 2020 18:56

Tgt Ion: 83 Resp: 127705

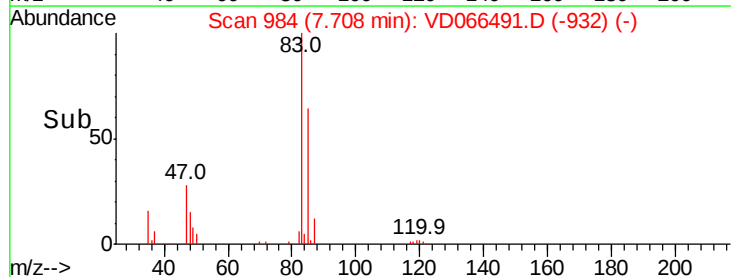
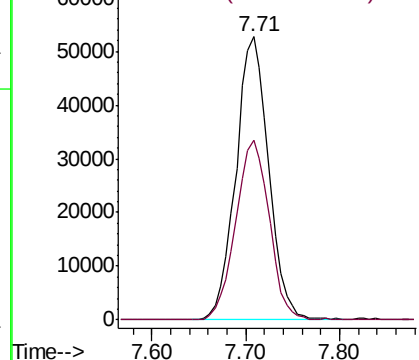
Ion Ratio Lower Upper

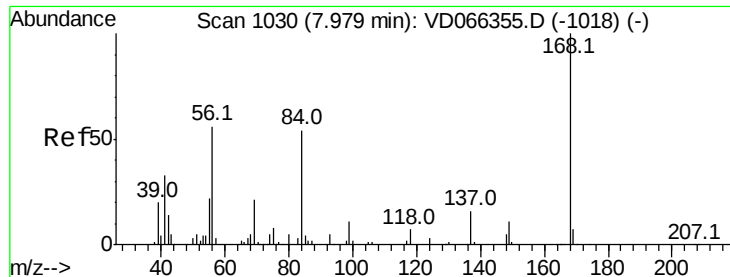
83 100

85 63.6 50.3 75.5



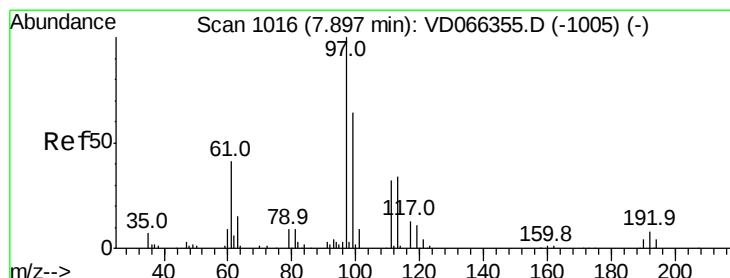
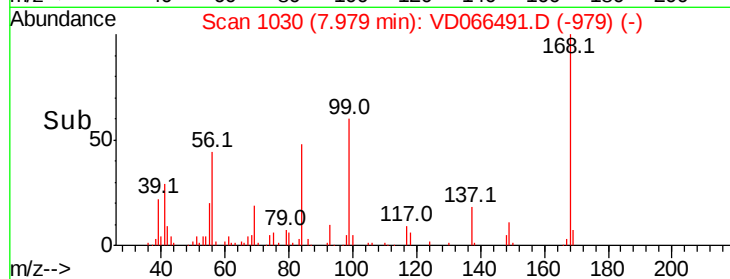
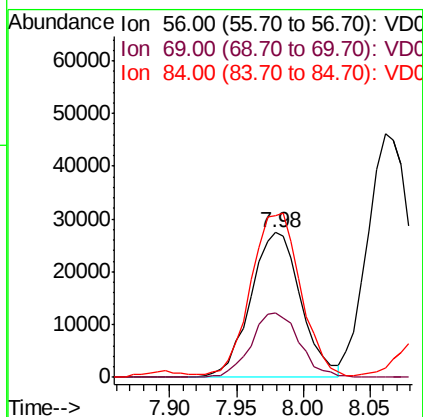
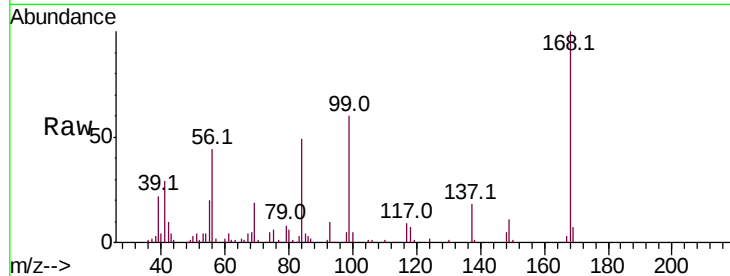
Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC





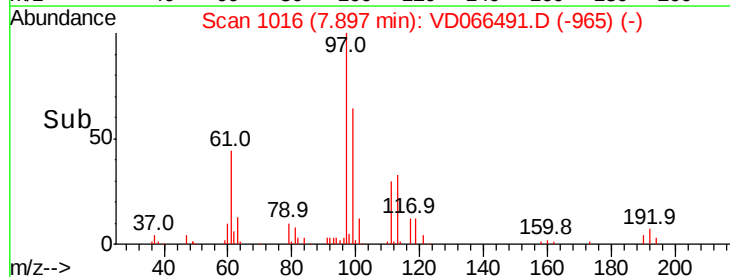
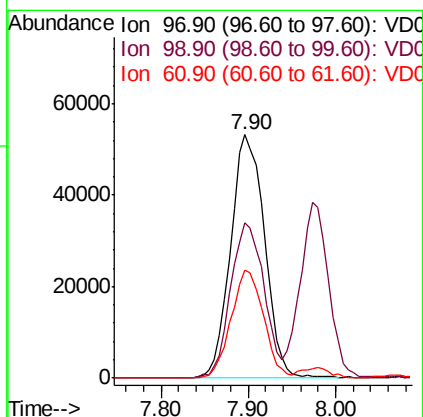
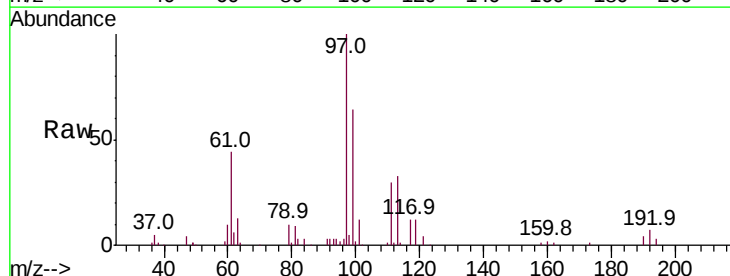
#31
Cyclohexane
Concen: 36.299 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

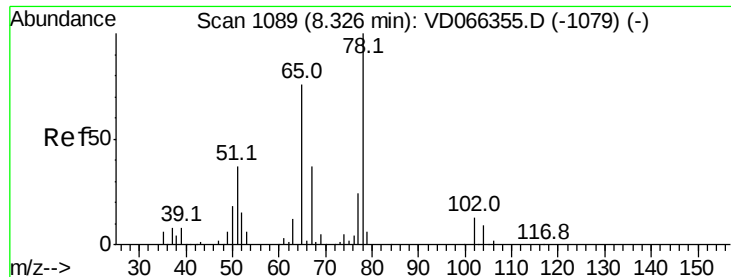
Tot Ion: 56 Resp: 71845
Ion Ratio Lower Upper
56 100
69 43.1 29.6 44.4
84 109.6 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 54.633 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

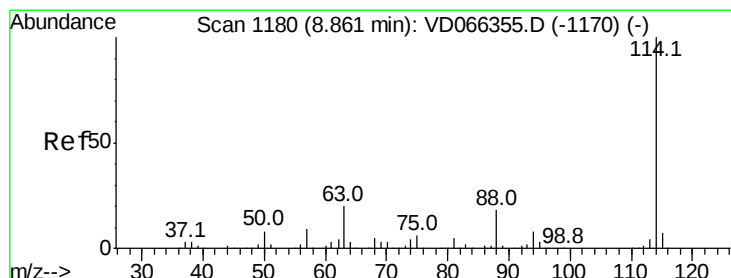
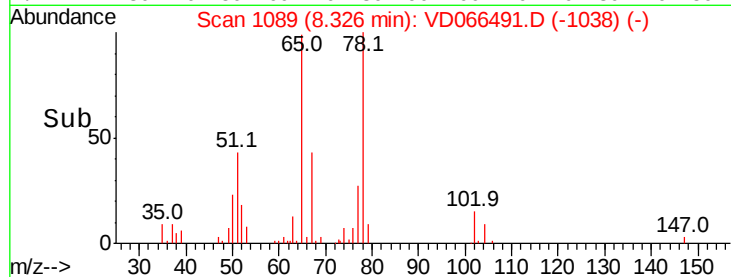
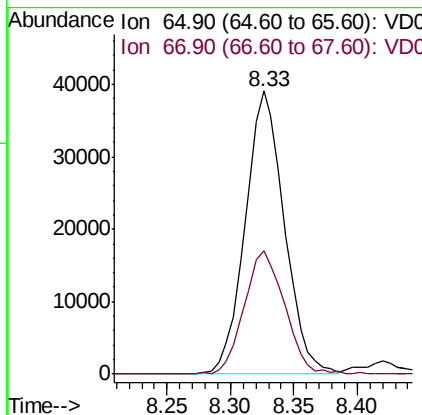
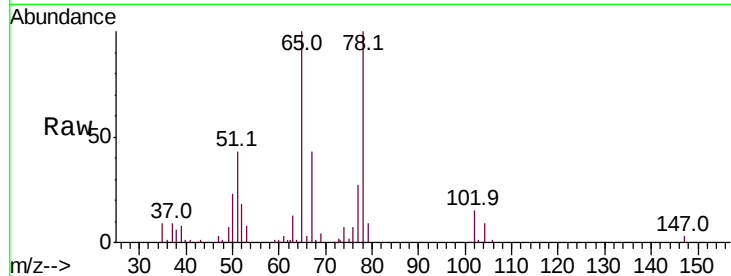
Tgt Ion: 97 Resp: 140005
Ion Ratio Lower Upper
97 100
99 62.9 51.5 77.3
61 42.3 33.3 49.9





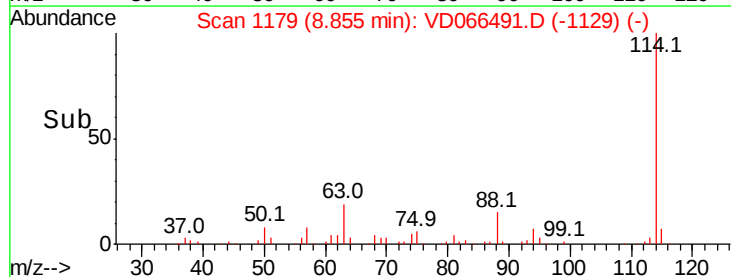
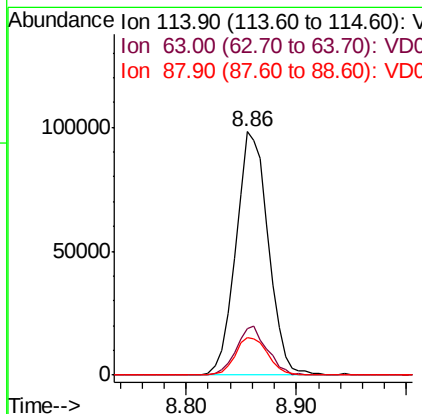
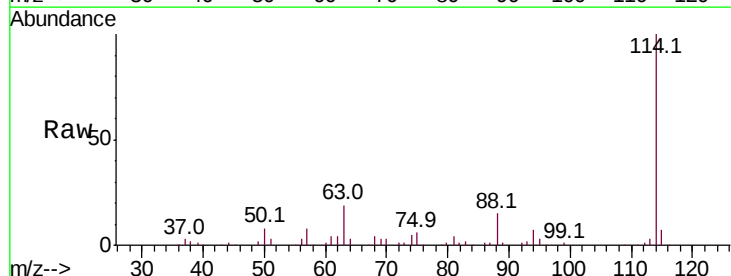
#33
 1,2-Dichloroethane-d4
 Concen: 58.852 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

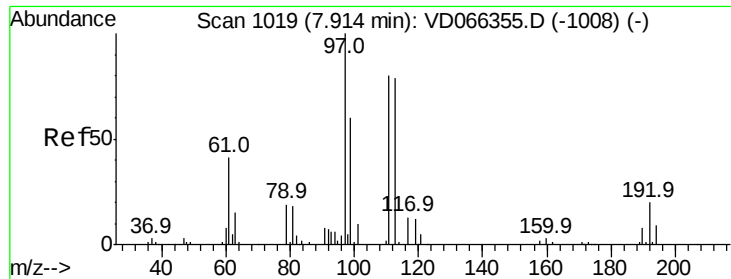
Tot Ion: 65 Resp: 83892
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

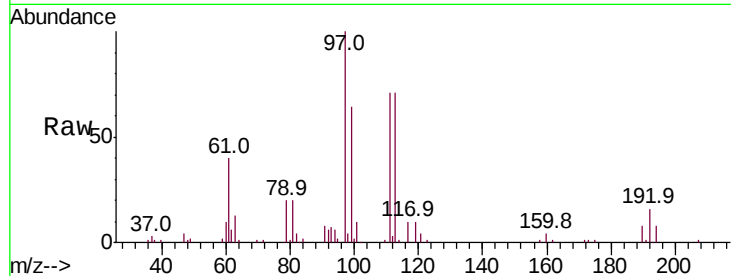
Tgt Ion: 114 Resp: 201959
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.8
 88 15.2 0.0 35.4



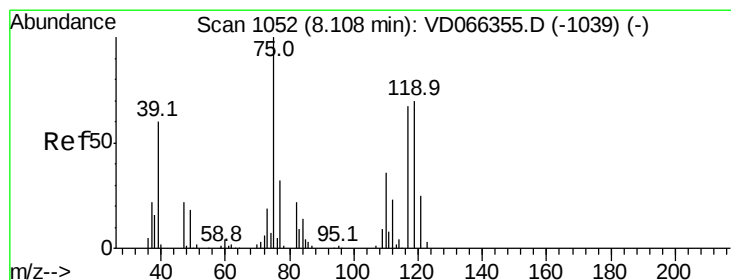
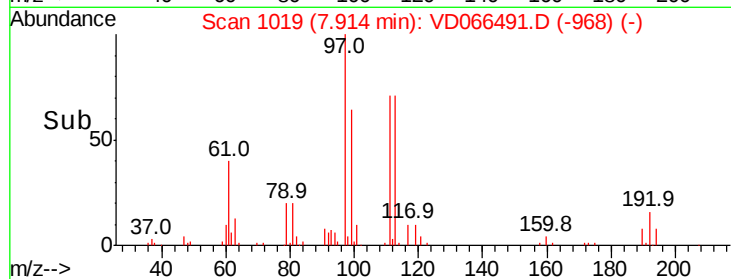
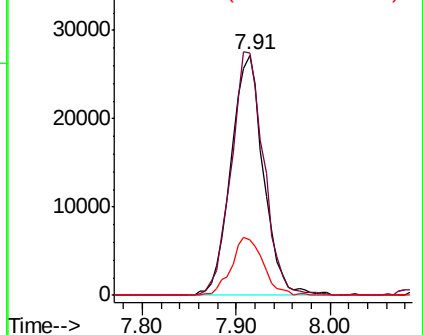


#35
 Dibromofluoromethane
 Concen: 51.599 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.3	120.5
192	23.6	19.0	28.6

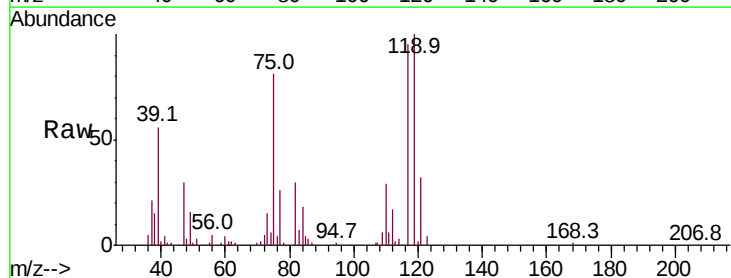


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

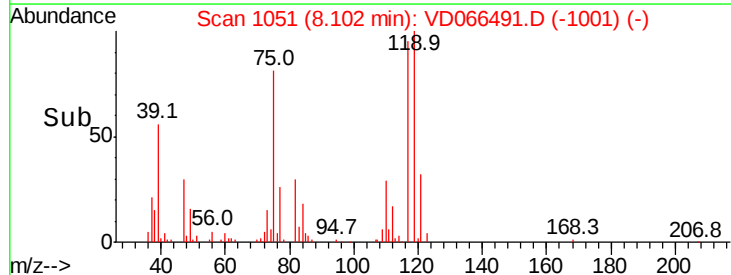
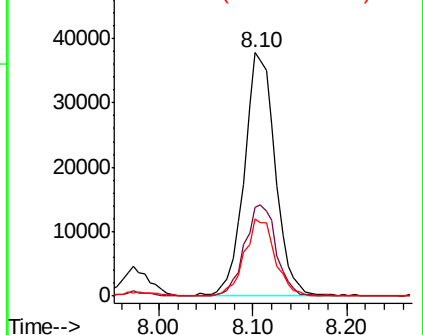


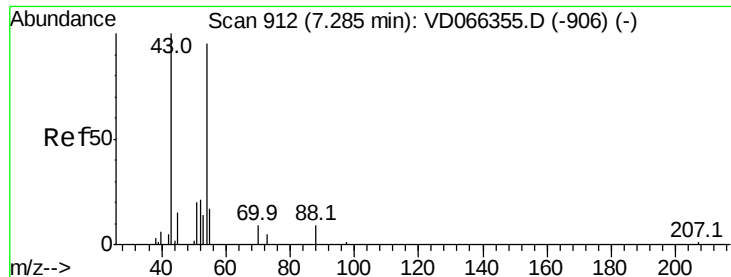
#36
 1,1-Dichloropropene
 Concen: 46.801 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	18.7	56.1
77	31.3	25.2	37.8



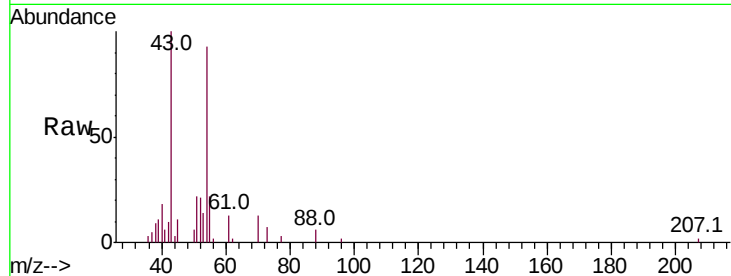
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V



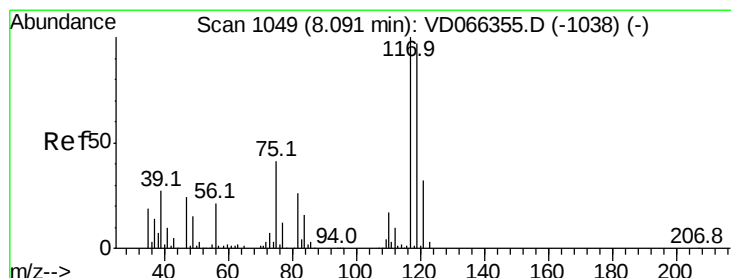
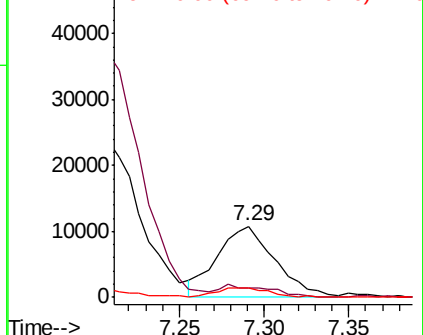
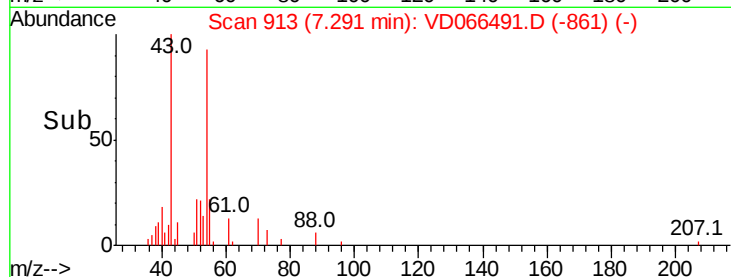


#37
Ethyl Acetate
Concen: 41.149 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tot Ion: 43 Resp: 25790
Ion Ratio Lower Upper
43 100
61 15.6 13.3 19.9
70 12.5 3.5 5.3#

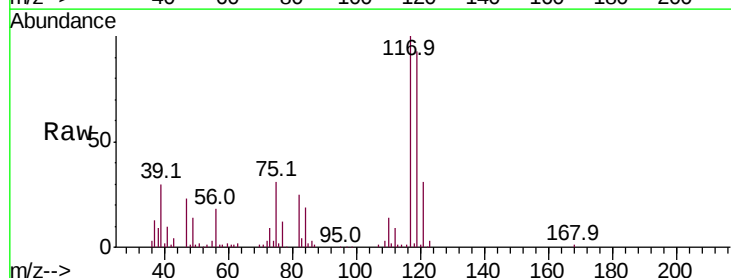


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

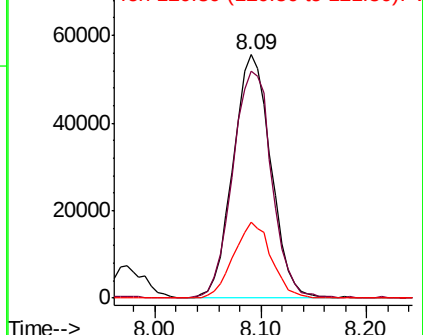
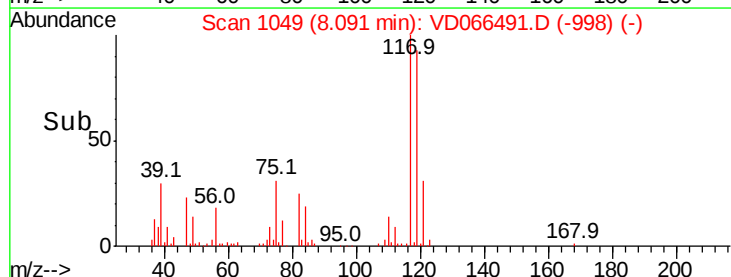


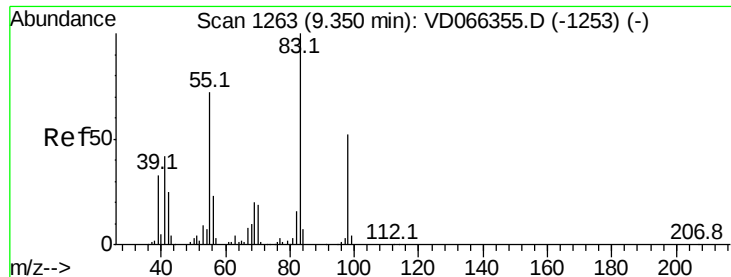
#38
Carbon Tetrachloride
Concen: 57.633 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion: 117 Resp: 138367
Ion Ratio Lower Upper
117 100
119 93.0 77.2 115.8
121 31.1 25.8 38.8



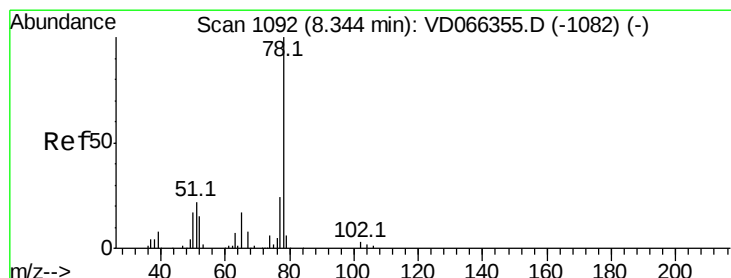
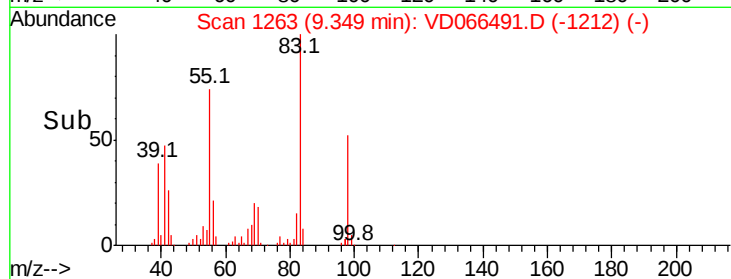
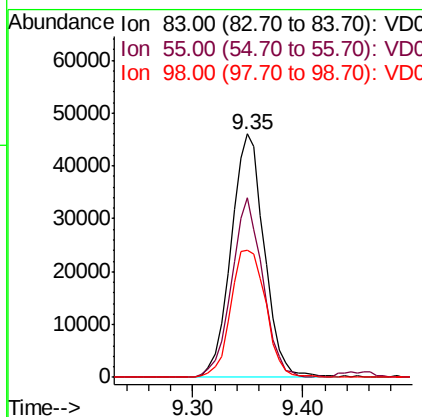
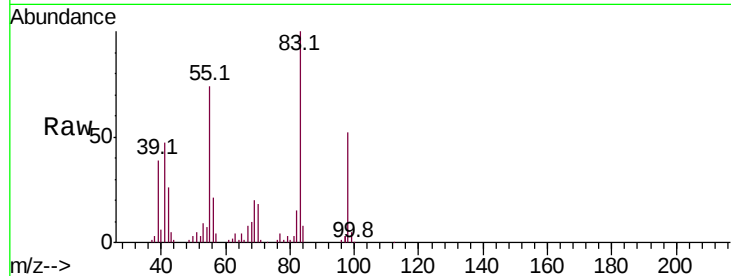
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





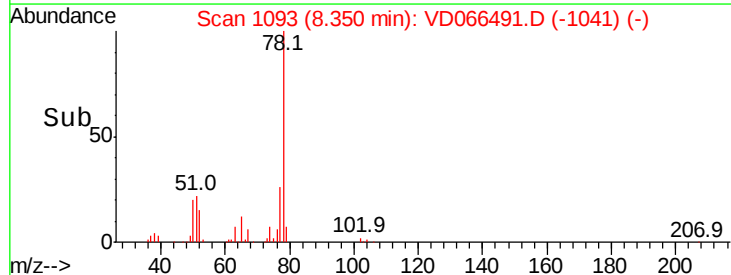
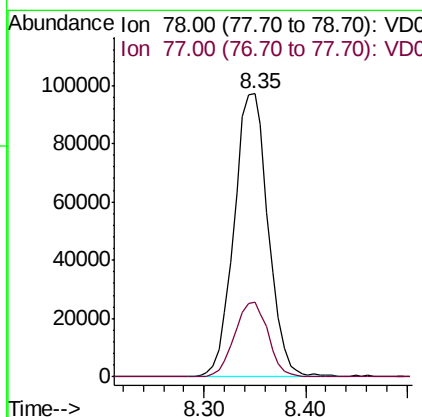
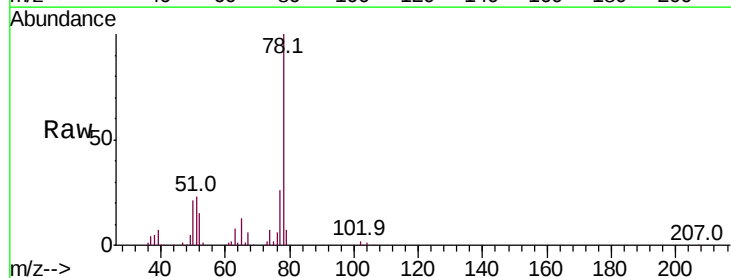
#39
Methvlcvclohexane
Concen: 44.658 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

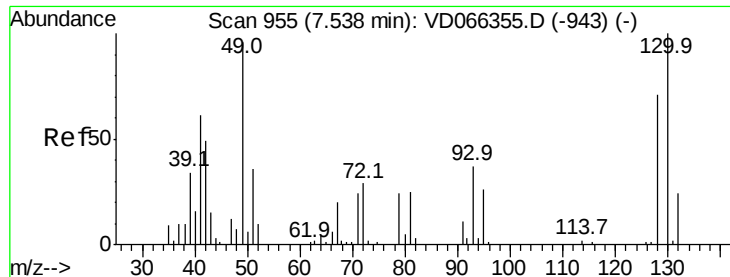
Tot Ion	83	Resp	96940
Ion Ratio	100		
Lower	58.0		
Upper	87.0		
83	73.6		
55	52.4		
98			



#40
Benzene
Concen: 46.798 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion	78	Resp	226861
Ion Ratio	100		
Lower	18.8		
Upper	28.2		
78	26.4		
77			

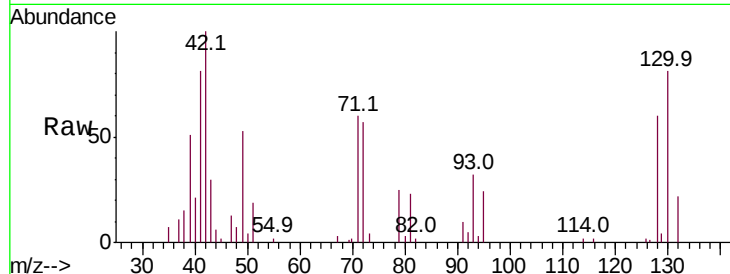




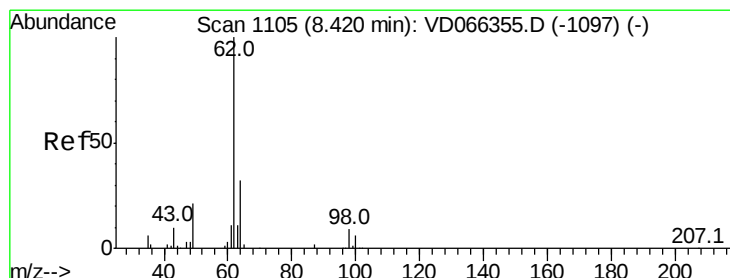
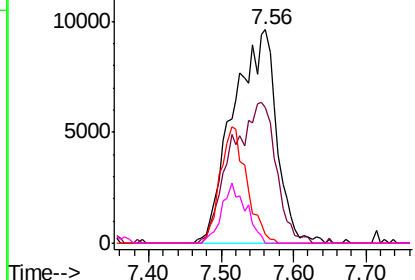
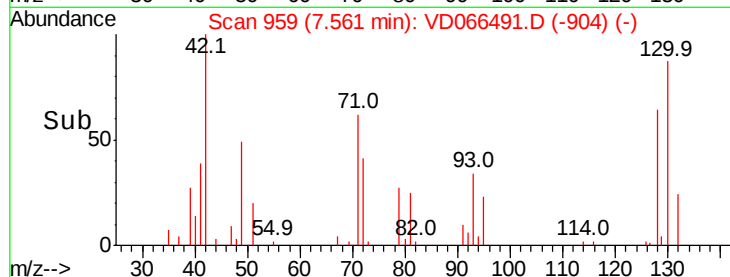
#41
Methacrylonitrile
Concen: 103.705 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.02 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tot Ion: 41 Resp: 40082

Ion	Ratio	Lower	Upper
41	100		
39	67.8	51.8	77.8
67	0.0	0.0	0.0
52	0.0	0.0	0.0



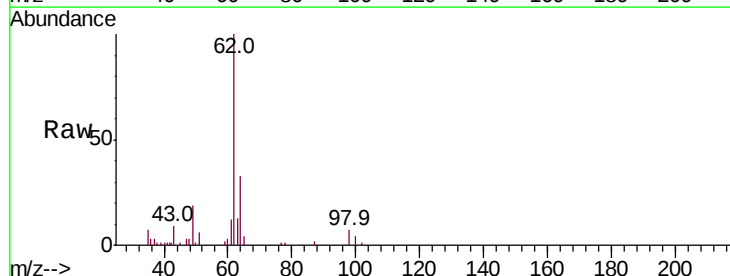
Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC



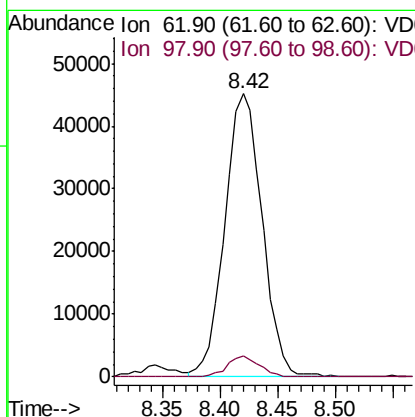
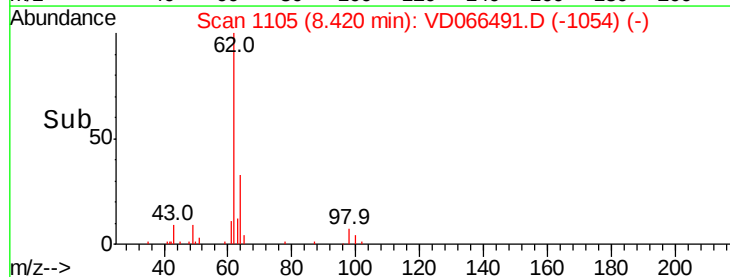
#42
1,2-Dichloroethane
Concen: 59.394 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

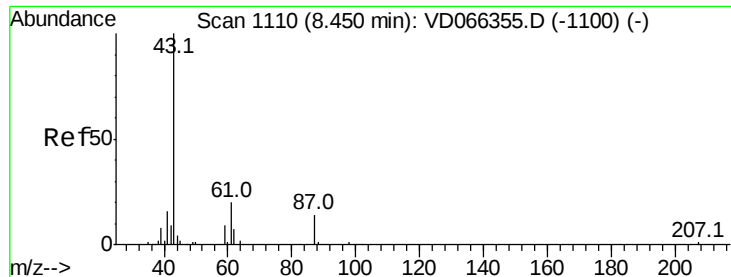
Tgt Ion: 62 Resp: 101408

Ion	Ratio	Lower	Upper
62	100		
98	6.4	0.0	16.2



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





#43

Isopropyl Acetate

Concen: 45.596 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

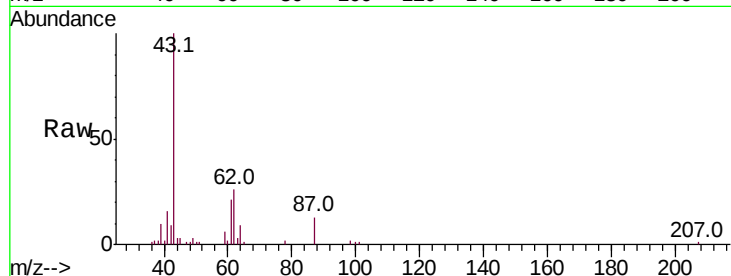
Tot Ion: 43 Resp: 57358

Ion Ratio Lower Upper

43 100

61 32.6 26.5 39.7

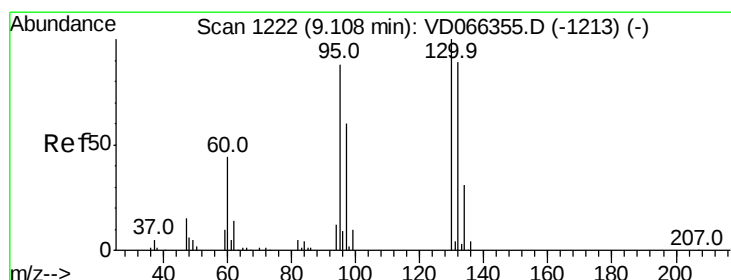
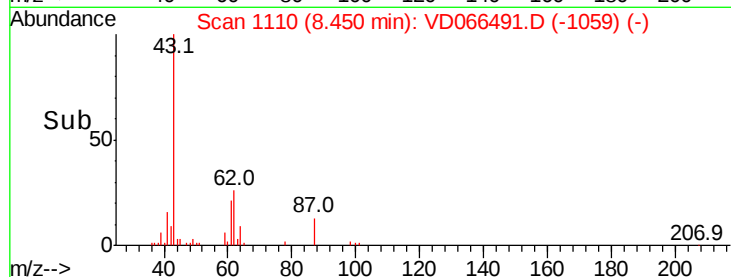
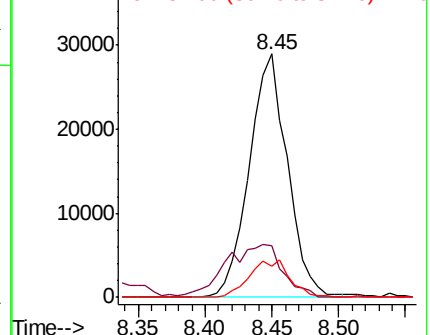
87 16.1 11.9 17.9



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: 50.456 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066491.D

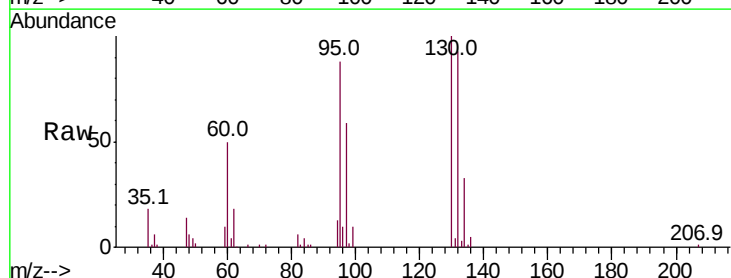
Acq: 31 Aug 2020 18:56

Tgt Ion: 130 Resp: 79478

Ion Ratio Lower Upper

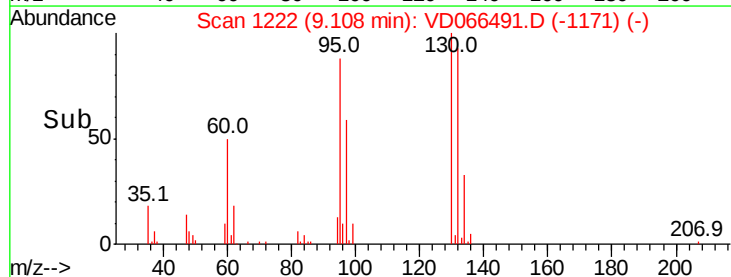
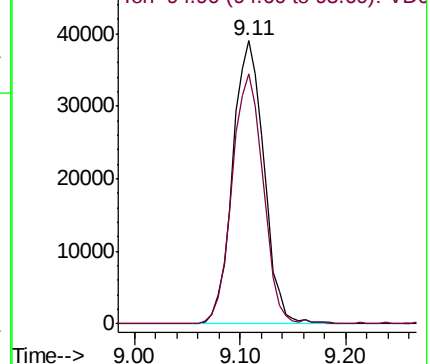
130 100

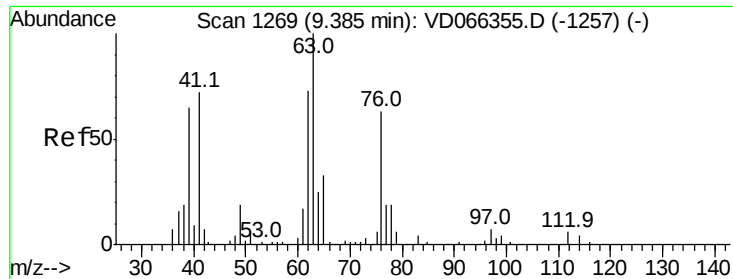
95 88.3 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 43.116 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066491.D

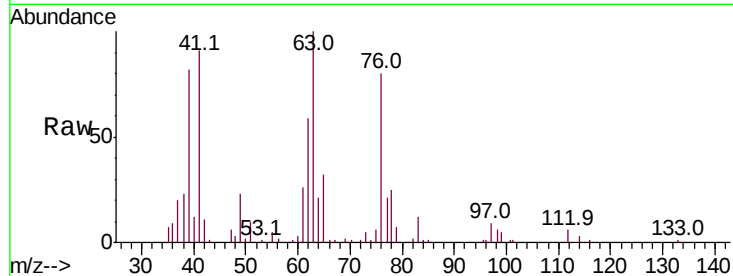
Acq: 31 Aug 2020 18:56

Tot Ion: 63 Resp: 47384

Ion Ratio Lower Upper

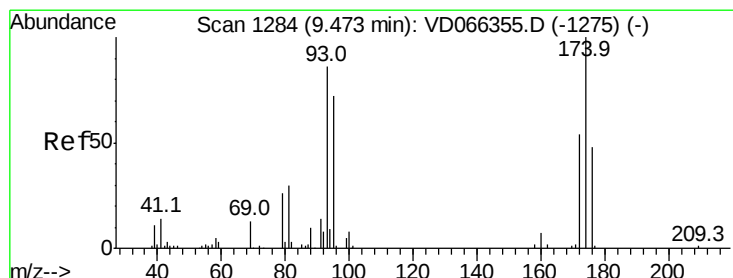
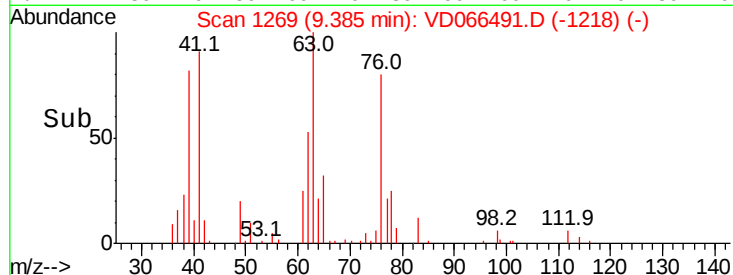
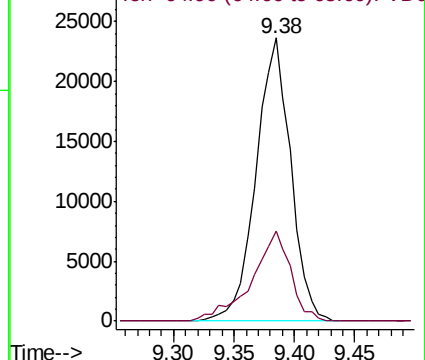
63 100

65 31.8 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 51.263 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

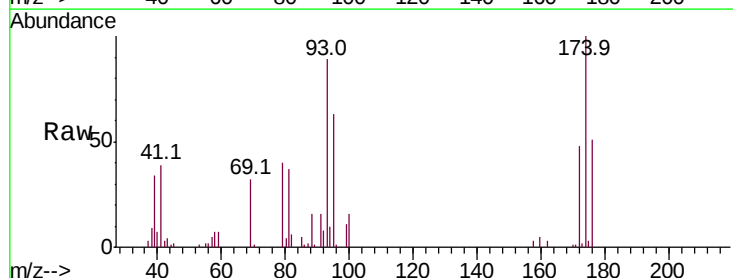
Tgt Ion: 93 Resp: 35077

Ion Ratio Lower Upper

93 100

95 78.3 66.0 99.0

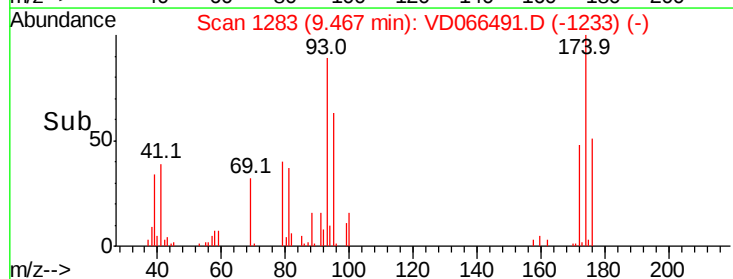
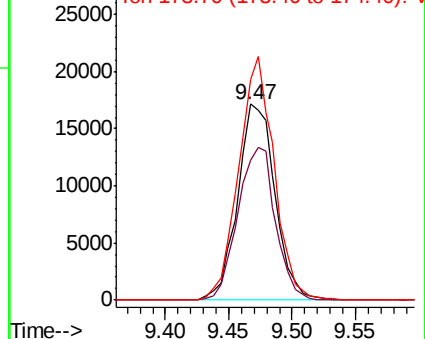
174 117.4 94.6 141.8

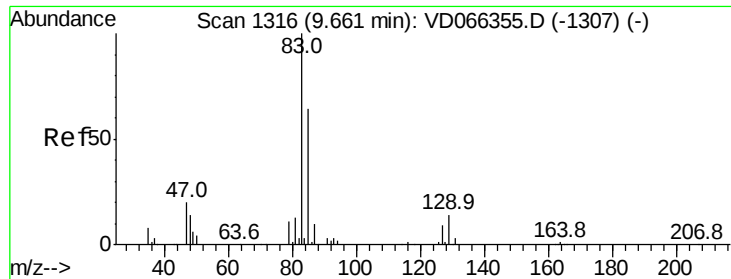


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.789 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

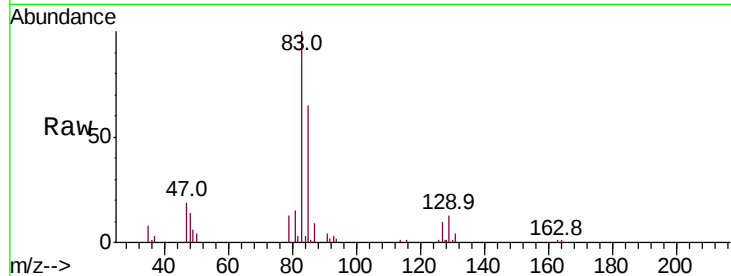
Tot Ion: 83 Resp: 101217

Ion Ratio Lower Upper

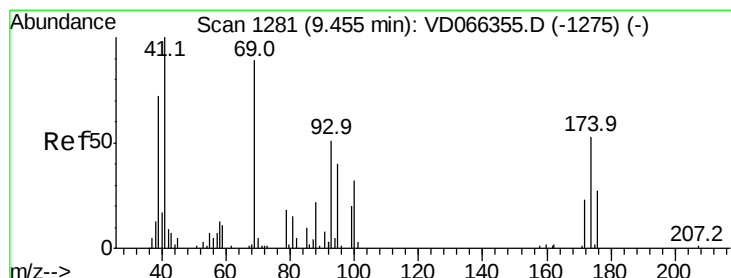
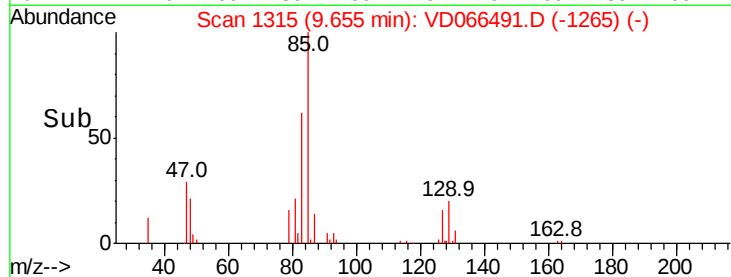
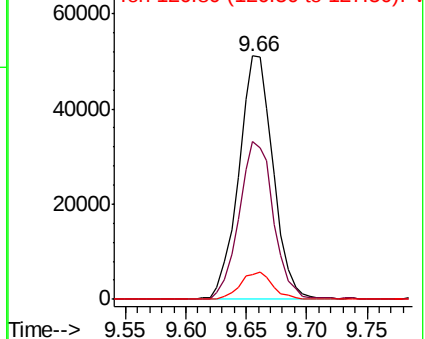
83 100

85 65.0 51.4 77.0

127 10.4 7.4 11.0



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



#48

Methyl methacrylate

Concen: 44.997 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

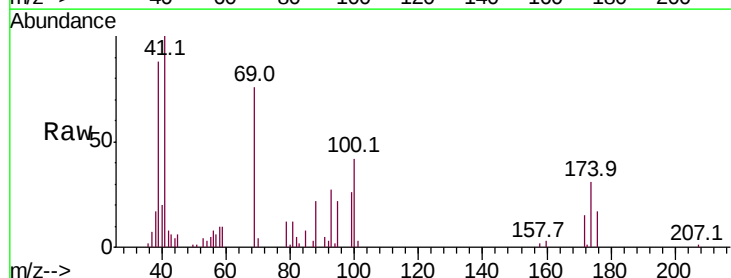
Tgt Ion: 41 Resp: 29189

Ion Ratio Lower Upper

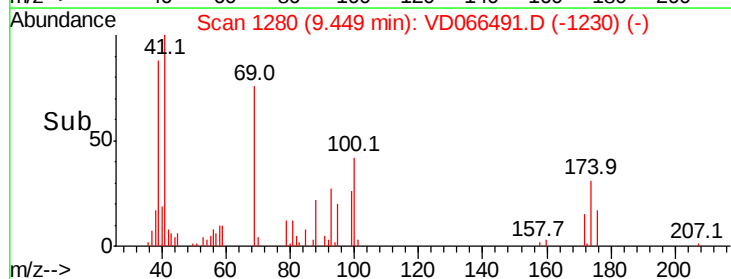
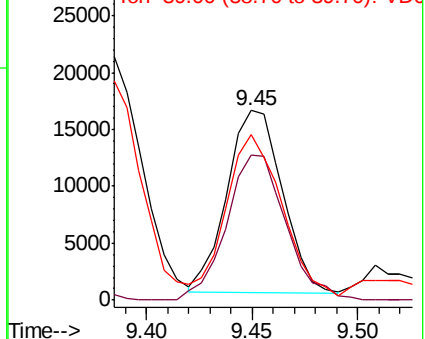
41 100

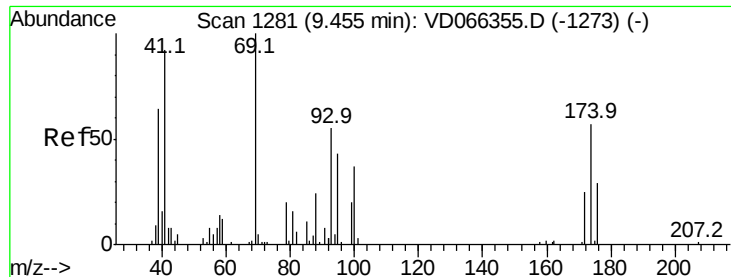
69 85.2 75.5 113.3

39 93.4 57.0 85.4#



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





#49

1,4-Dioxane

Concen: 934.889 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

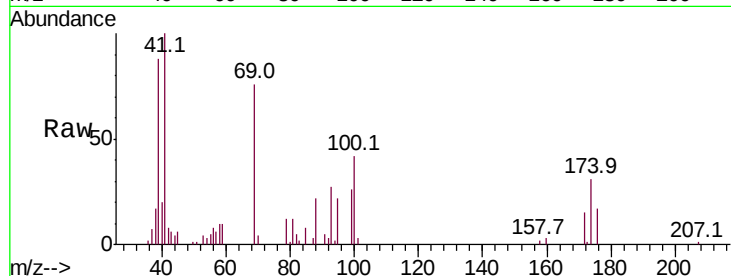
Tot Ion: 88 Resp: 7428

Ion Ratio Lower Upper

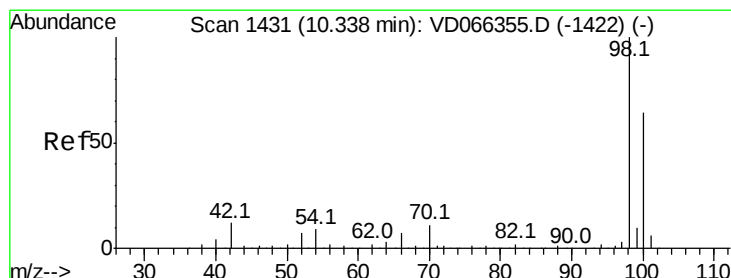
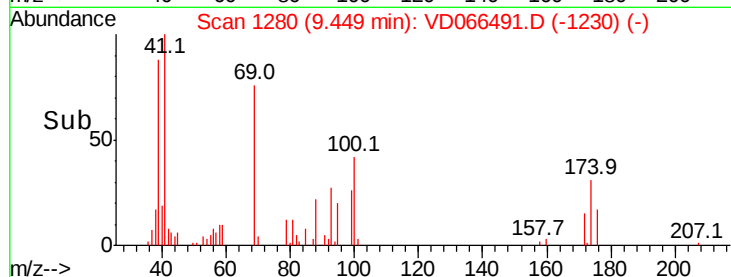
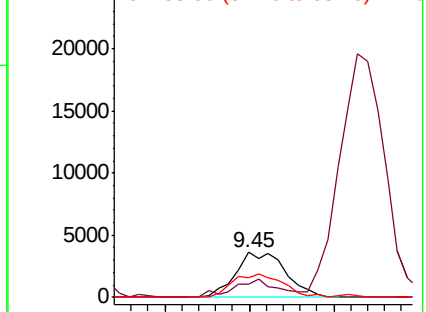
88 100

43 35.3 29.4 44.0

58 53.4 45.4 68.2



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: 52.332 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066491.D

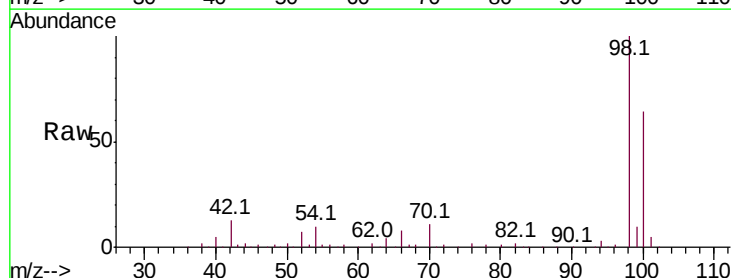
Acq: 31 Aug 2020 18:56

Tgt Ion: 98 Resp: 241807

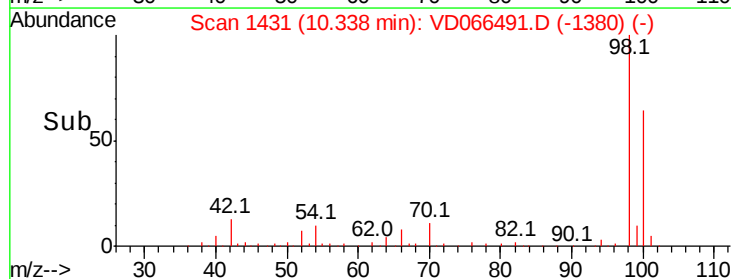
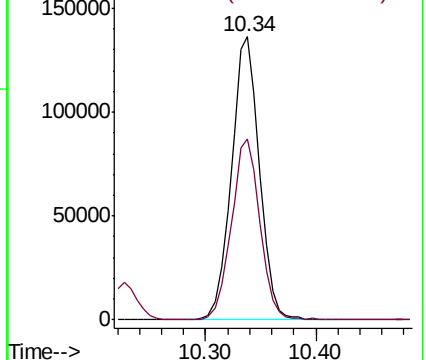
Ion Ratio Lower Upper

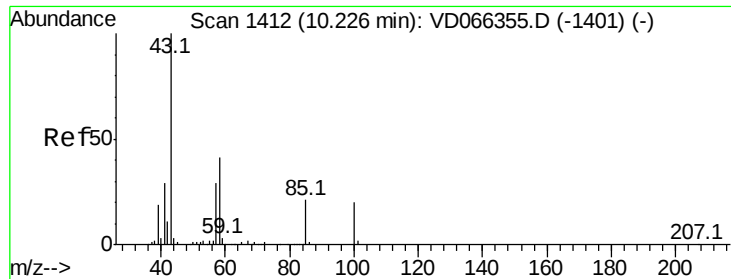
98 100

100 65.3 53.0 79.4



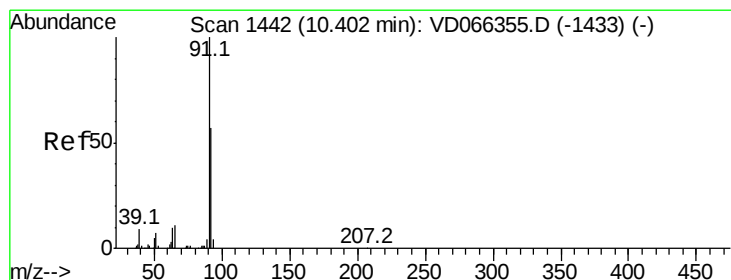
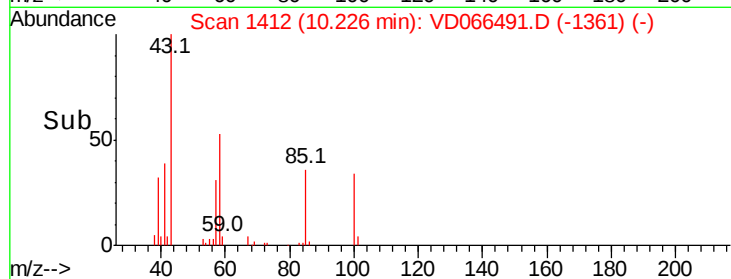
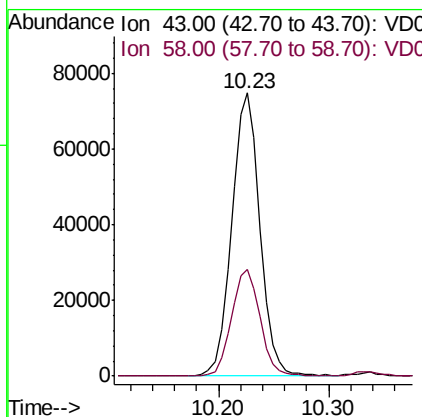
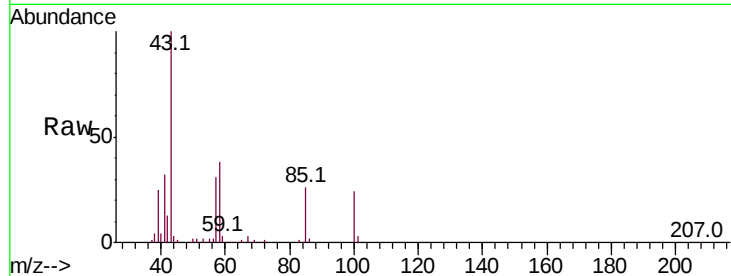
Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC





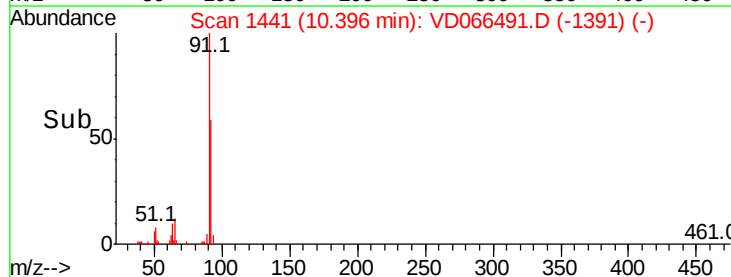
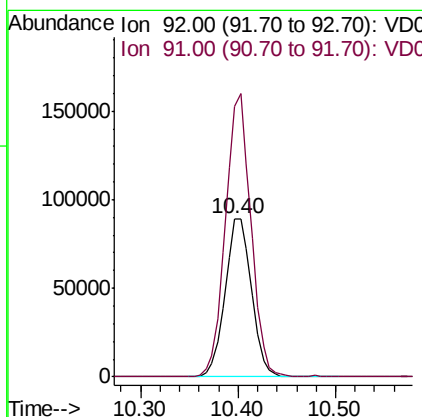
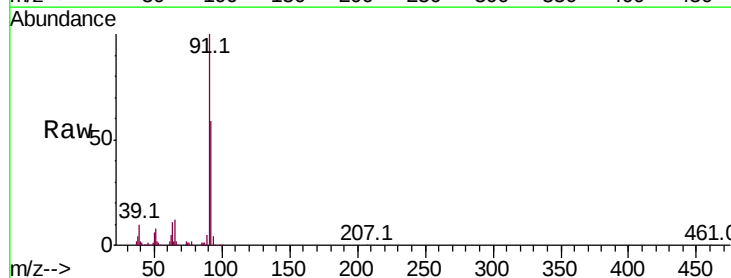
#51
 4-Methyl-2-Pentanone
 Concen: 219.170 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

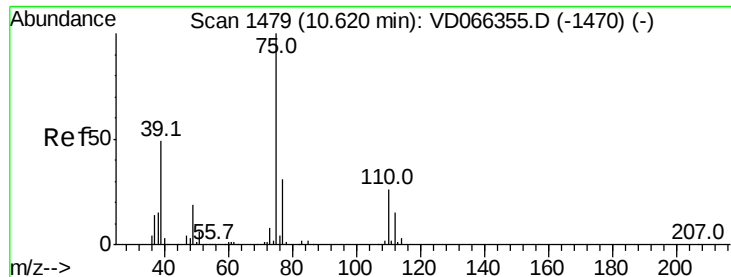
Tot Ion: 43 Resp: 133377
 Ion Ratio Lower Upper
 43 100
 58 38.2 31.4 47.2



#52
 Toluene
 Concen: 51.068 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion: 92 Resp: 167721
 Ion Ratio Lower Upper
 92 100
 91 172.2 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 51.953 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066491.D

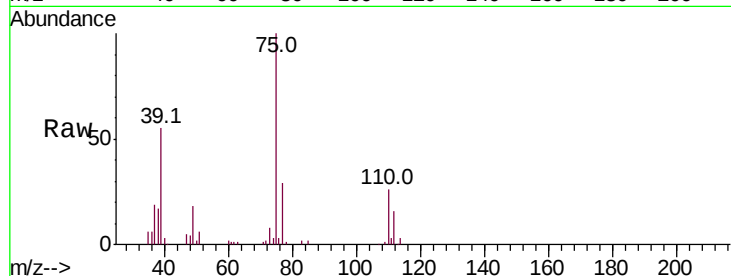
Acq: 31 Aug 2020 18:56

Tot Ion: 75 Resp: 92765

Ion Ratio Lower Upper

75 100

77 28.5 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

60000

50000

40000

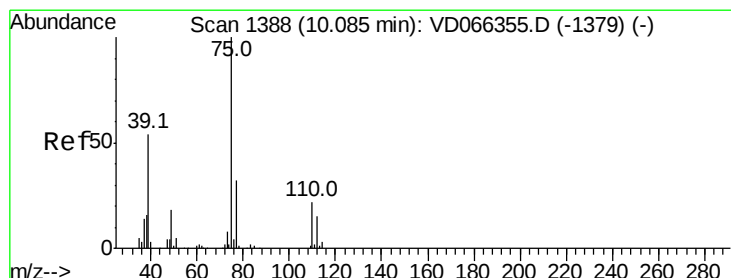
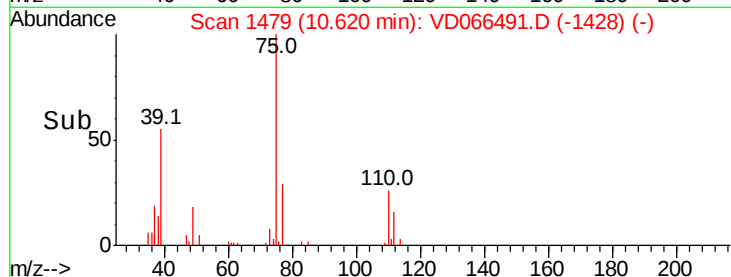
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.954 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

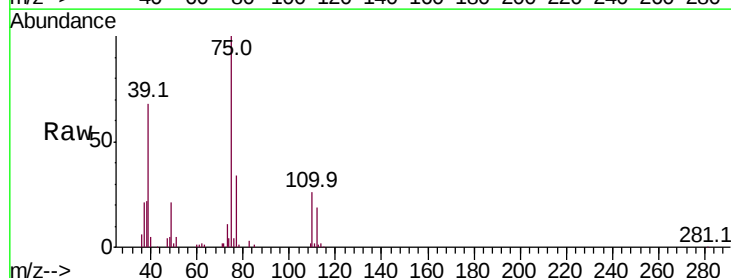
Tgt Ion: 75 Resp: 96110

Ion Ratio Lower Upper

75 100

77 34.0 25.6 38.4

39 68.4 43.4 65.0#



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

10.08

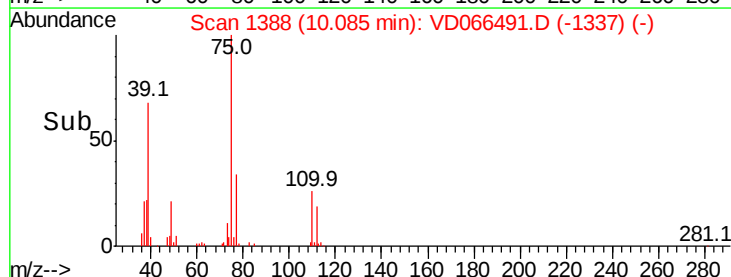
60000

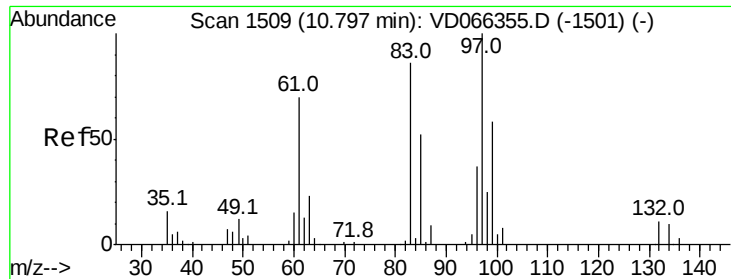
40000

20000

0

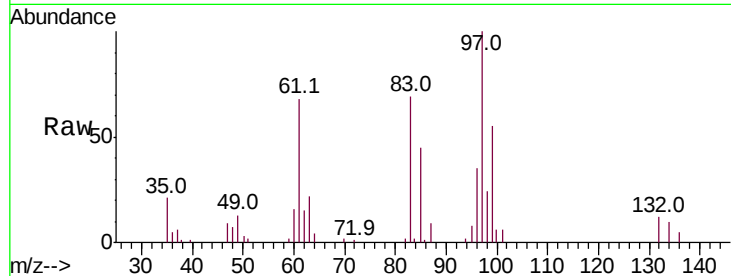
Time-->



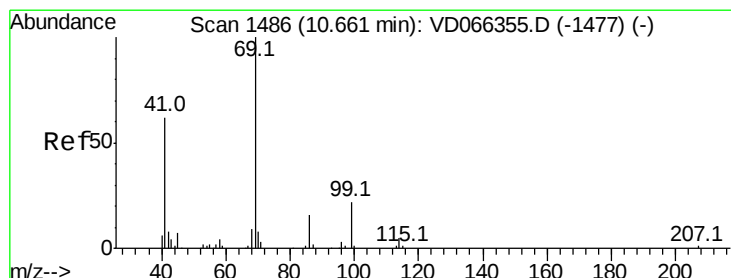
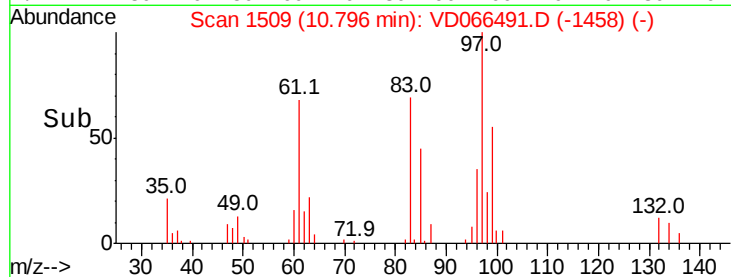
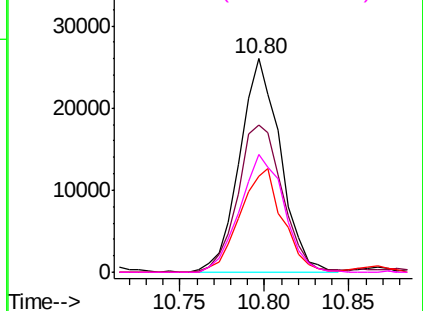


#55
1,1,2-Trichloroethane
Concen: 47.232 ug/l
RT: 10.80 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tot Ion:	97	Resp:	43752
Ion	Ratio	Lower	Upper
97	100		
83	68.8	68.4	102.6
85	44.8	41.3	61.9
99	55.4	46.1	69.1

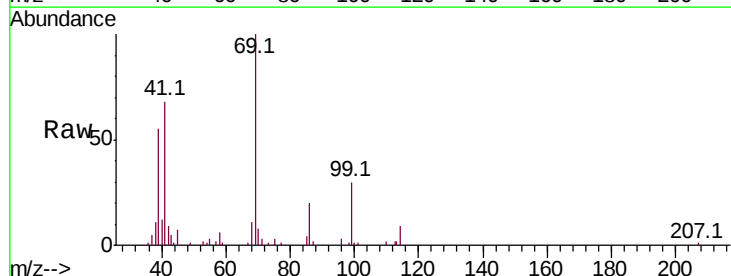


Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 98.90 (98.60 to 99.60): VDC

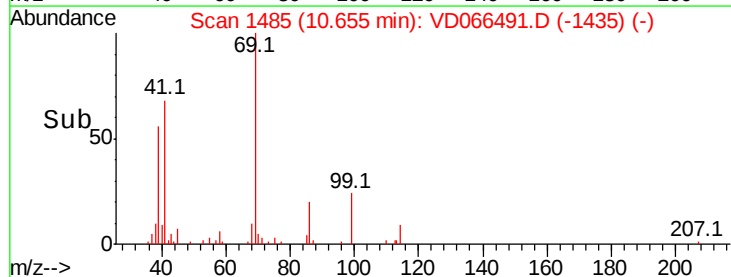
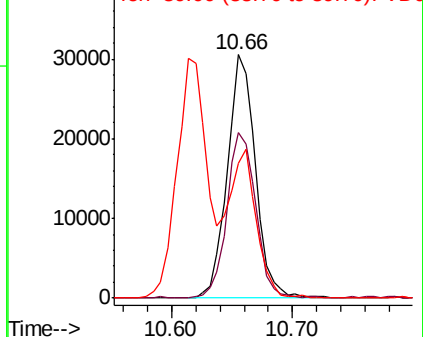


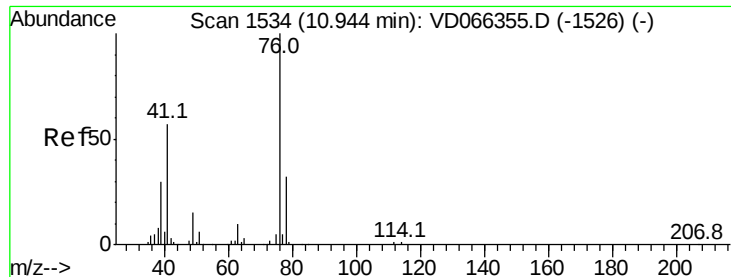
#56
Ethyl methacrylate
Concen: 46.233 ug/l
RT: 10.66 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion:	69	Resp:	49577
Ion	Ratio	Lower	Upper
69	100		
41	69.4	50.8	76.2
39	60.5	32.9	49.3#



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: 47.443 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066491.D

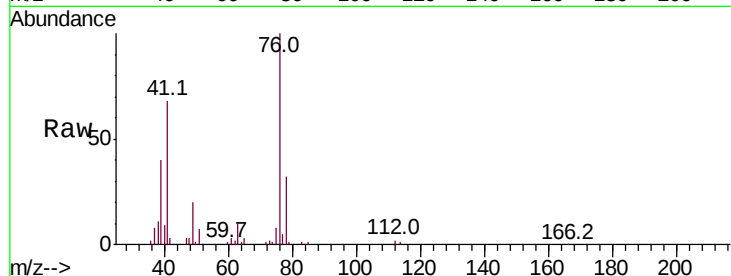
Acq: 31 Aug 2020 18:56

Tot Ion: 76 Resp: 72695

Ion Ratio Lower Upper

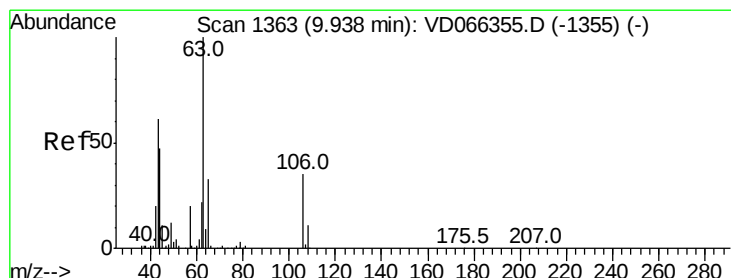
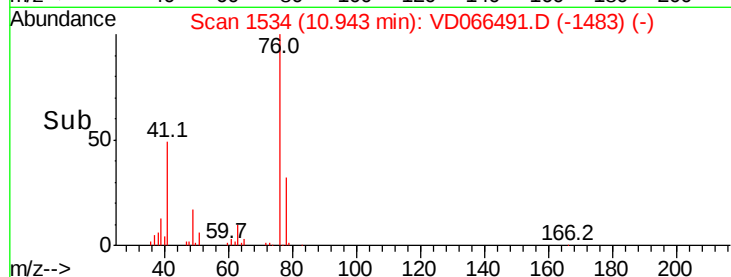
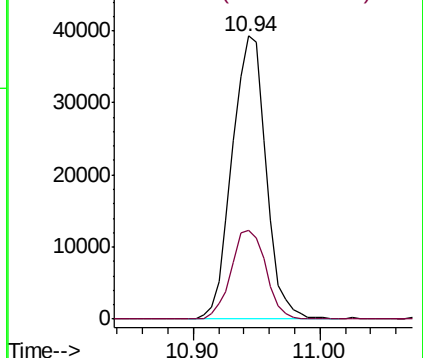
76 100

78 32.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 219.518 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066491.D

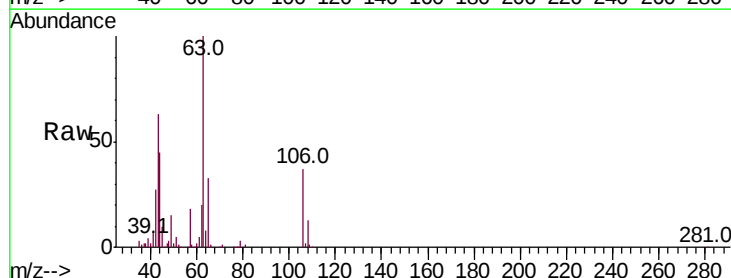
Acq: 31 Aug 2020 18:56

Tgt Ion: 63 Resp: 97767

Ion Ratio Lower Upper

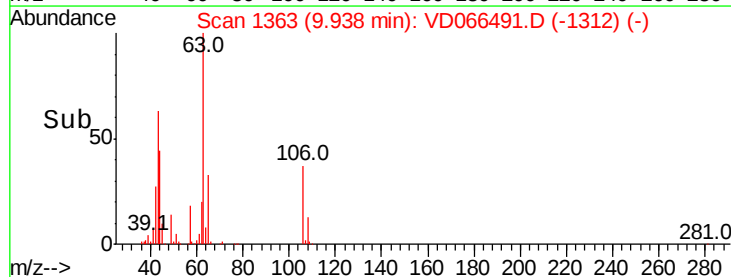
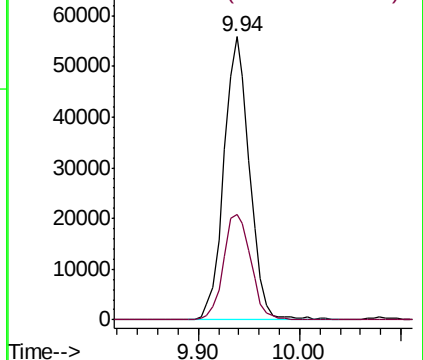
63 100

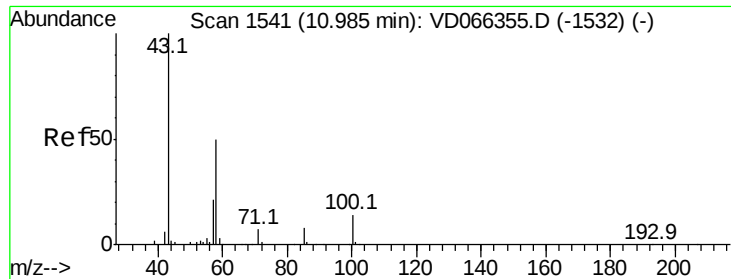
106 39.8 27.1 40.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

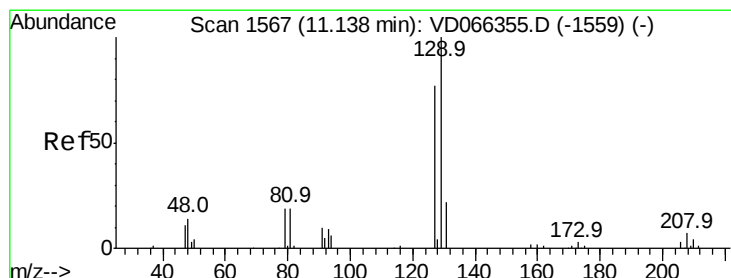
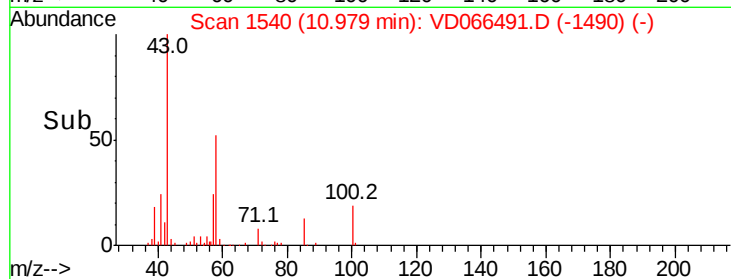
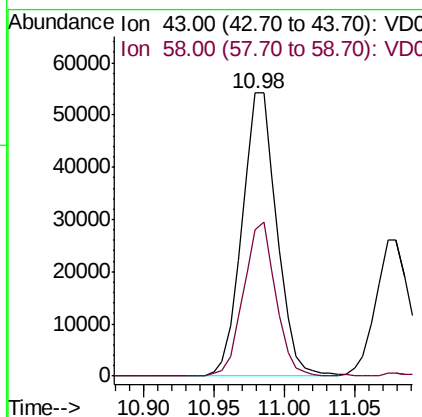
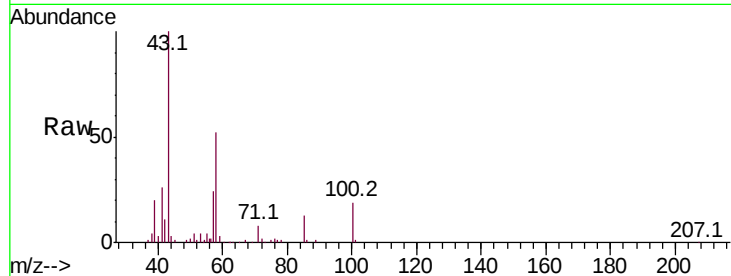
Ion 105.90 (105.60 to 106.60): V





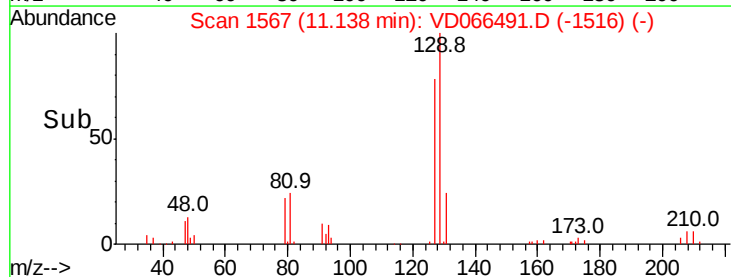
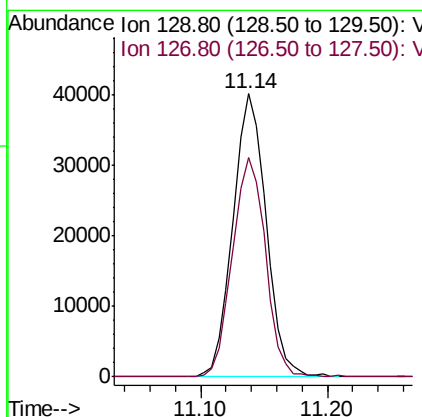
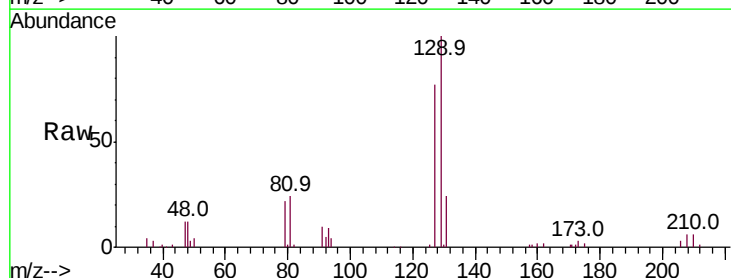
#59
2-Hexanone
Concen: 218.395 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

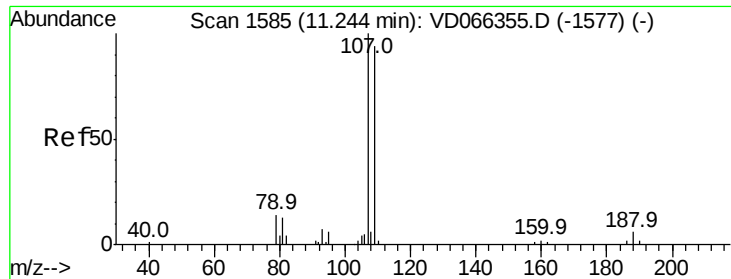
Tot Ion: 43 Resp: 93747
Ion Ratio Lower Upper
43 100
58 50.2 26.3 78.8



#60
Dibromochloromethane
Concen: 52.222 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

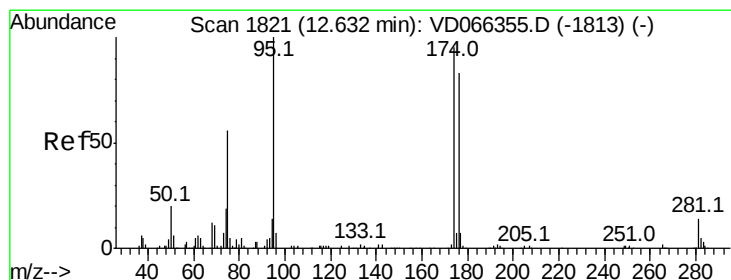
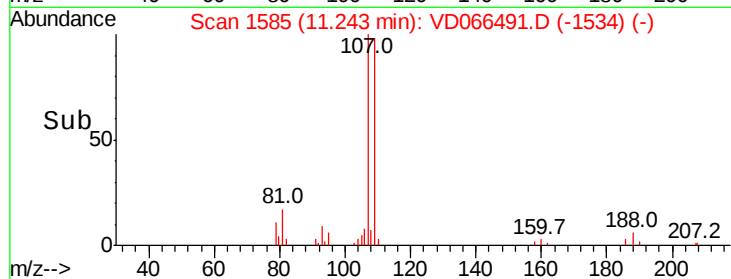
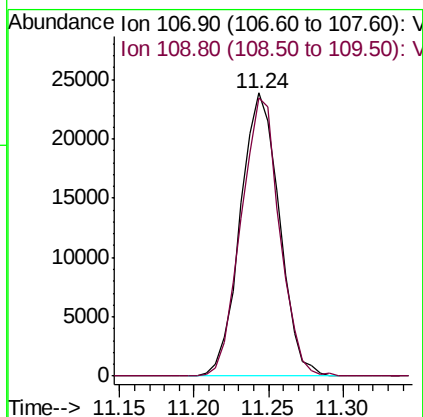
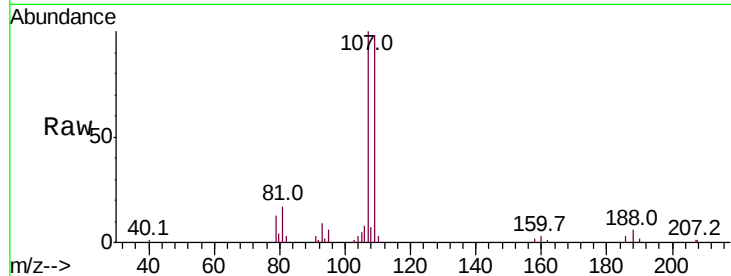
Tgt Ion: 129 Resp: 72917
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





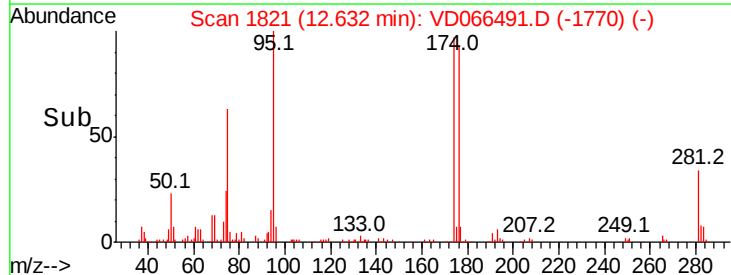
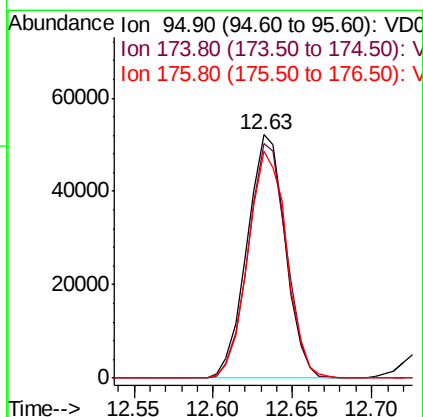
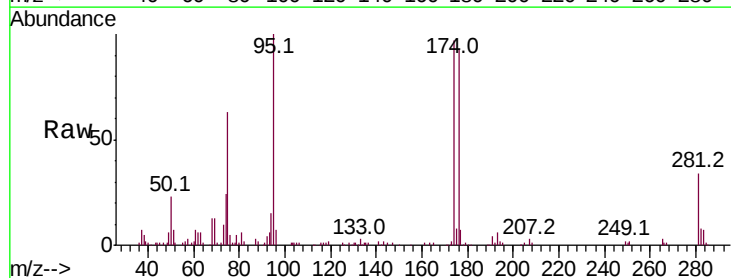
#61
 1,2-Dibromoethane
 Concen: 47.323 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

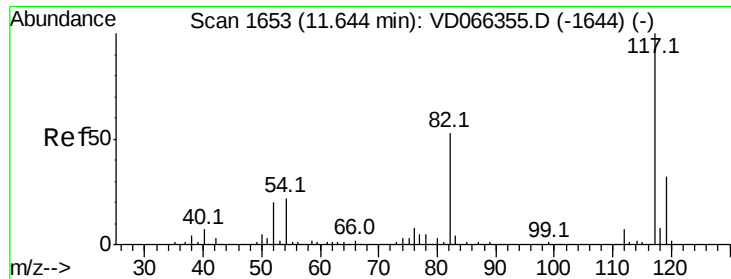
Tot Ion:107 Resp: 43140
 Ion Ratio Lower Upper
 107 100
 109 96.8 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 53.425 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion: 95 Resp: 87596
 Ion Ratio Lower Upper
 95 100
 174 95.9 0.0 183.4
 176 94.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

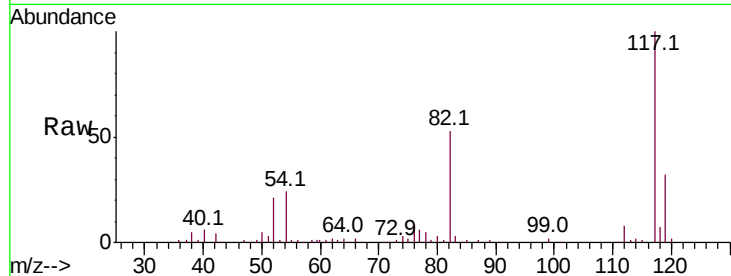
Tot Ion:117 Resp: 188509

Ion Ratio Lower Upper

117 100

82 52.8 42.8 64.2

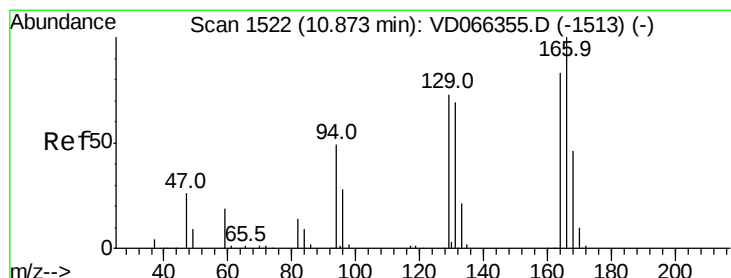
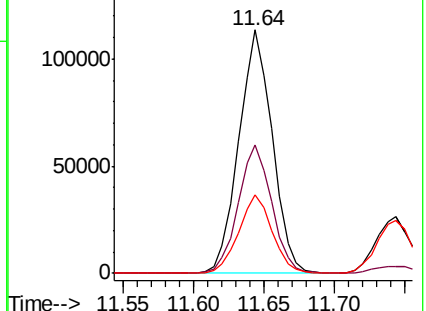
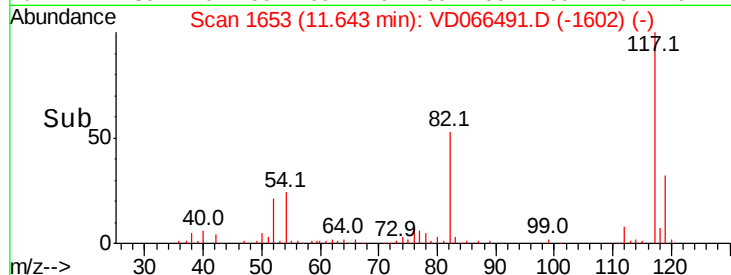
119 32.1 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 50.862 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Tgt Ion:164 Resp: 72733

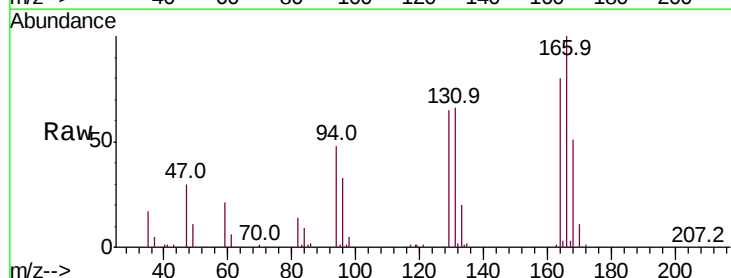
Ion Ratio Lower Upper

164 100

166 125.3 96.2 144.4

129 81.9 70.3 105.5

131 83.1 66.4 99.6

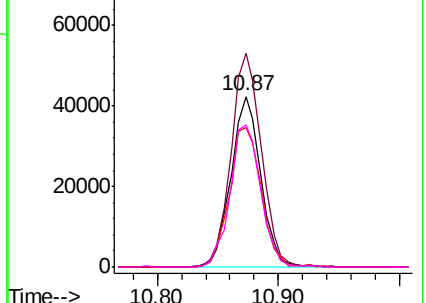
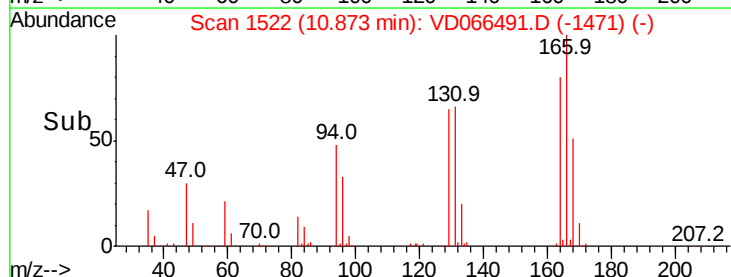


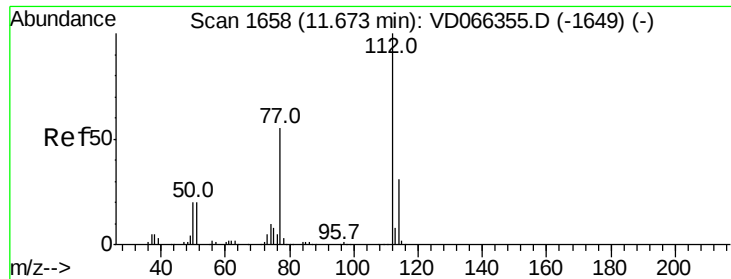
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

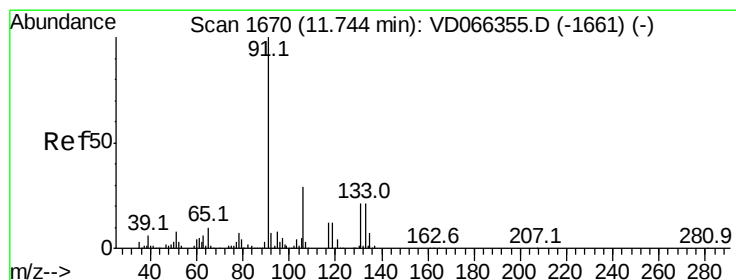
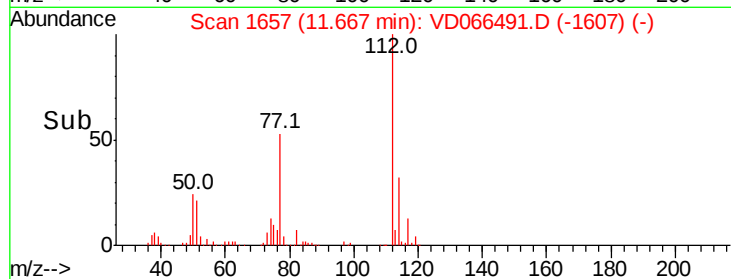
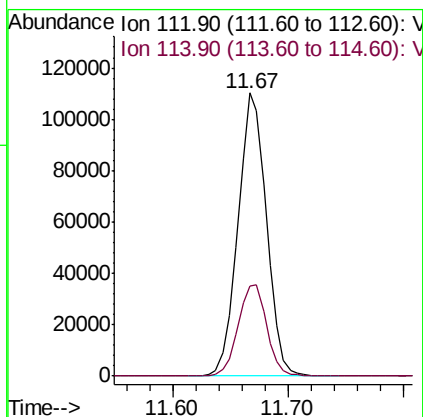
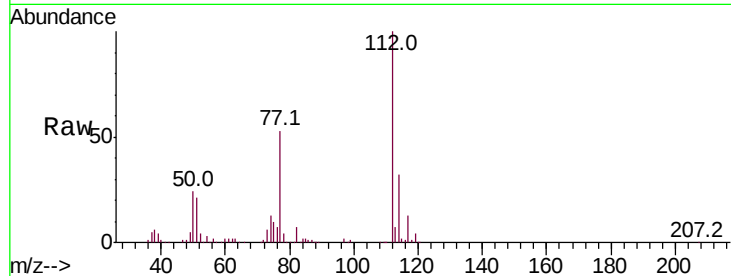
Ion 130.80 (130.50 to 131.50): V





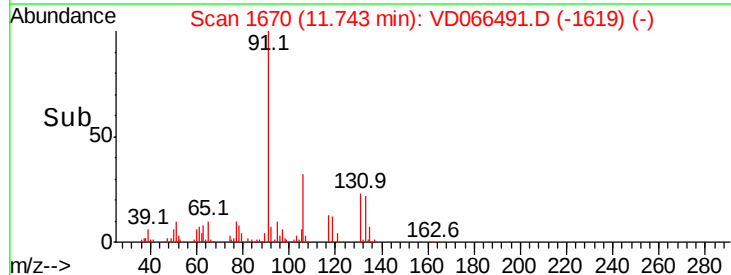
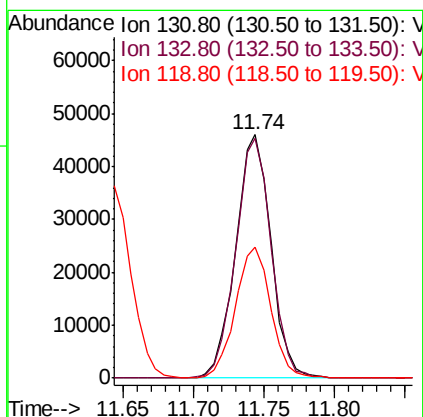
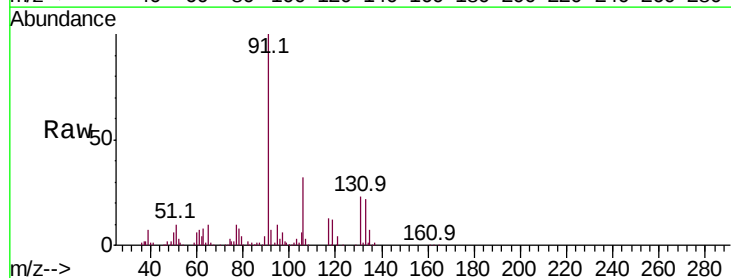
#65
Chlorobenzene
Concen: 50.114 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

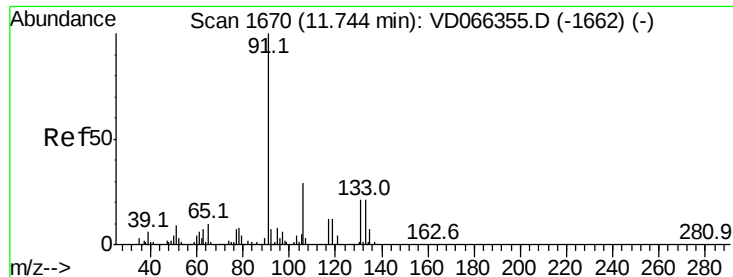
Tot Ion:112 Resp: 187946
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.499 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion:131 Resp: 80464
Ion Ratio Lower Upper
131 100
133 98.4 48.6 145.9
119 54.1 29.0 87.1





#67

Ethyl Benzene

Concen: 50.897 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066491.D

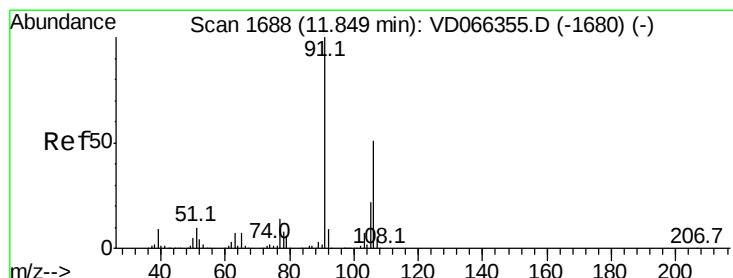
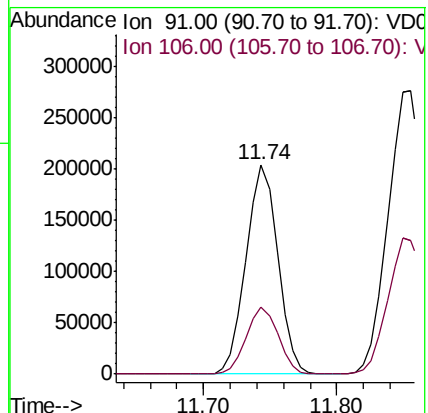
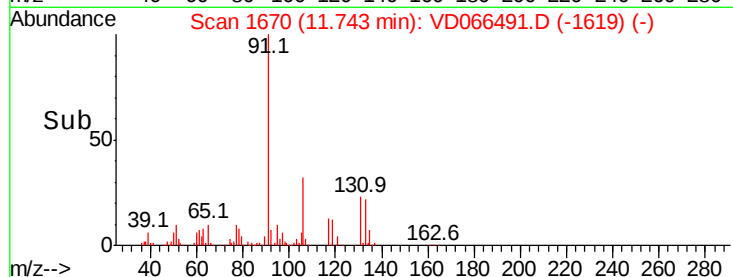
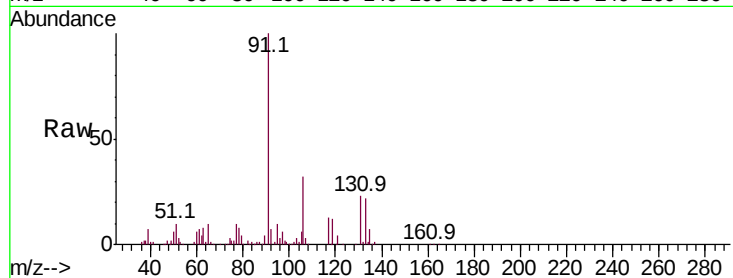
Acq: 31 Aug 2020 18:56

Tot Ion: 91 Resp: 336008

Ion Ratio Lower Upper

91 100

106 31.8 23.4 35.2



#68

m/p-Xylenes

Concen: 103.031 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066491.D

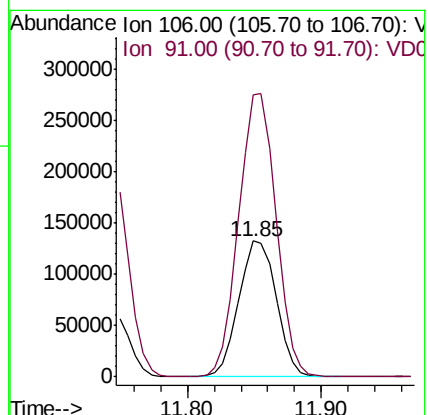
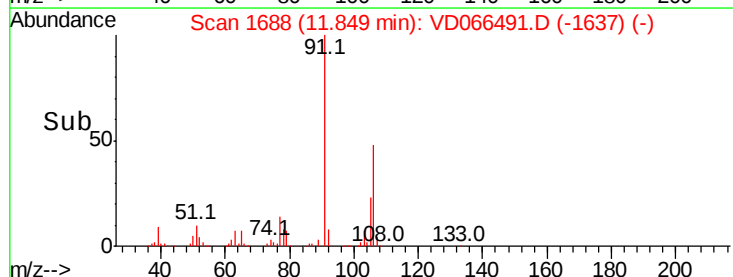
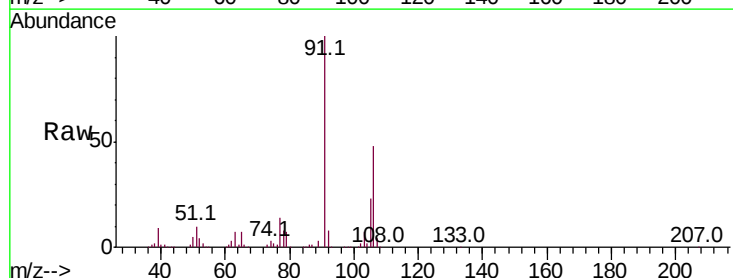
Acq: 31 Aug 2020 18:56

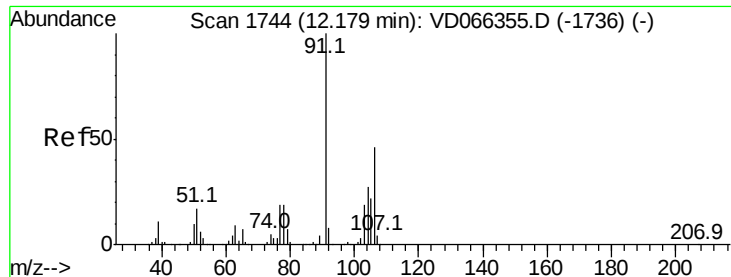
Tgt Ion: 106 Resp: 259252

Ion Ratio Lower Upper

106 100

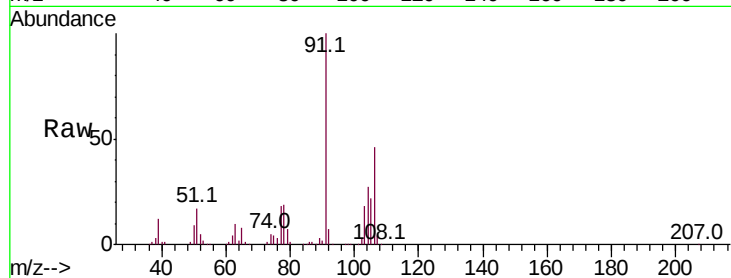
91 206.3 160.7 241.1



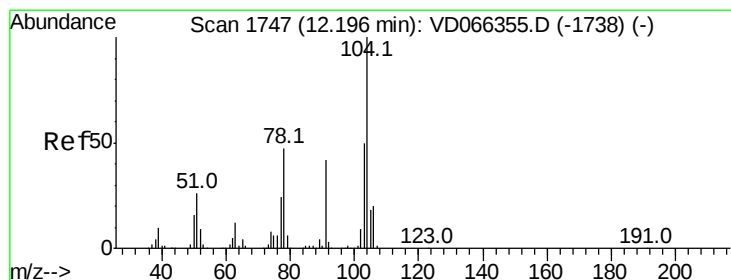
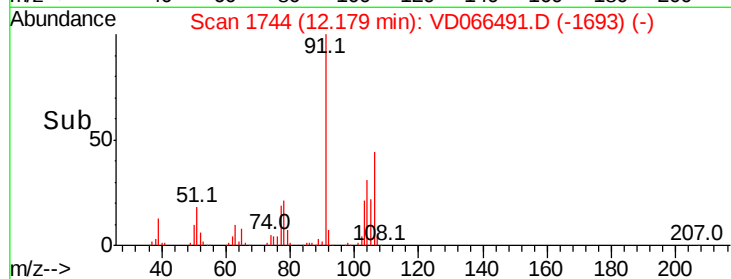
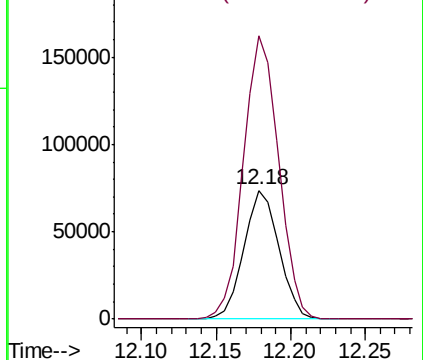


#69
o-Xylene
Concen: 51.194 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tot Ion:106 Resp: 119837
Ion Ratio Lower Upper
106 100
91 221.2 109.1 327.3

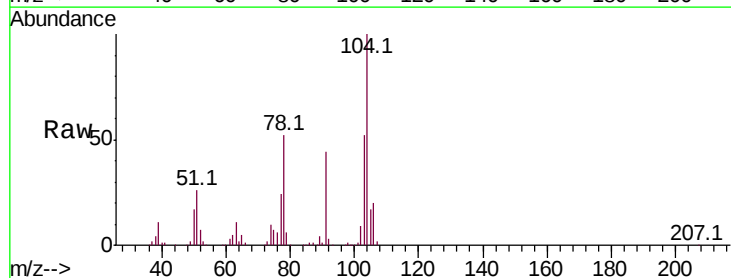


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

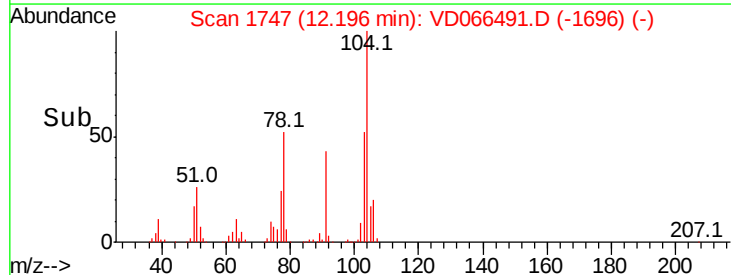
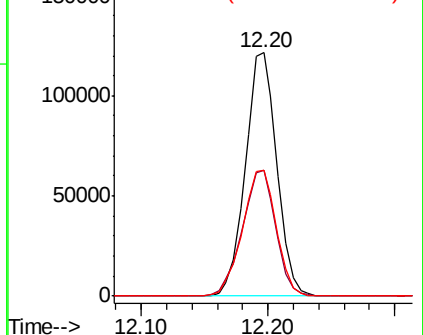


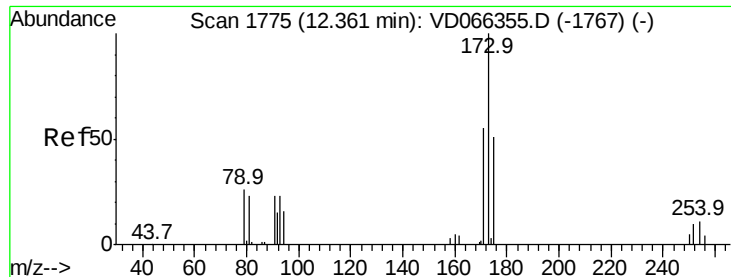
#70
Styrene
Concen: 51.999 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion:104 Resp: 209001
Ion Ratio Lower Upper
104 100
78 55.0 41.7 62.5
103 55.6 43.5 65.3



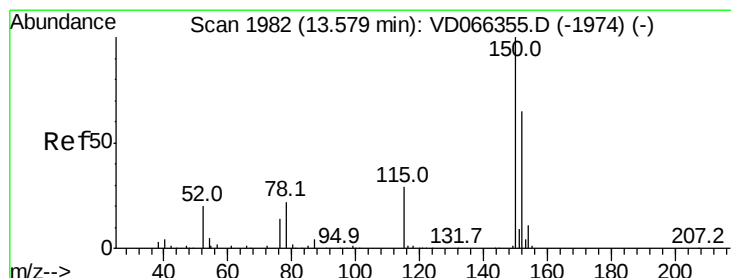
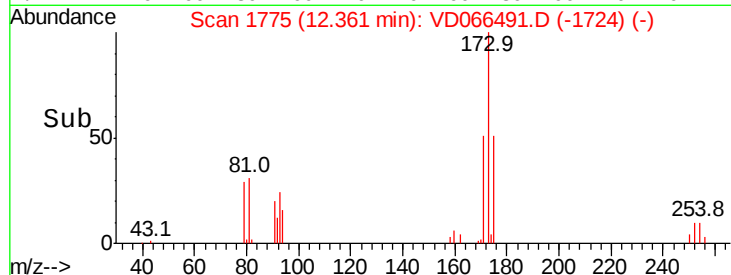
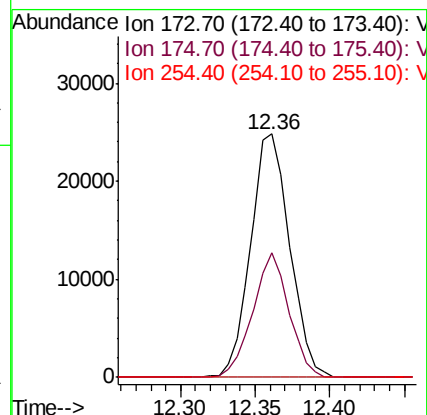
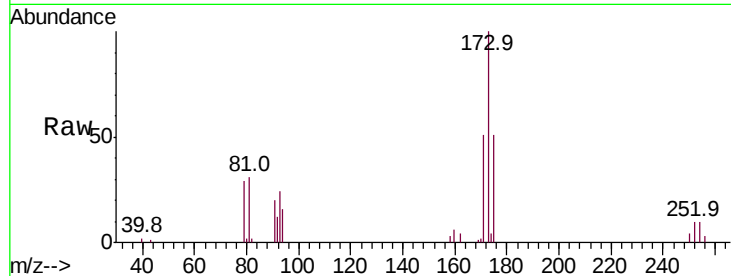
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





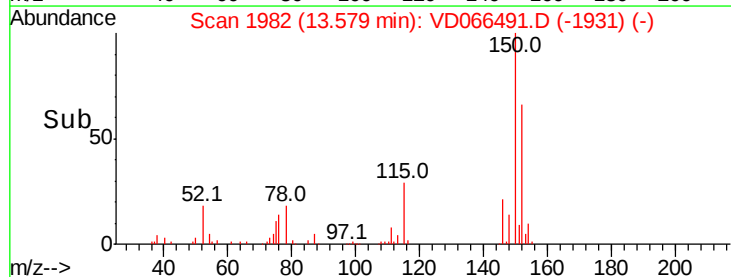
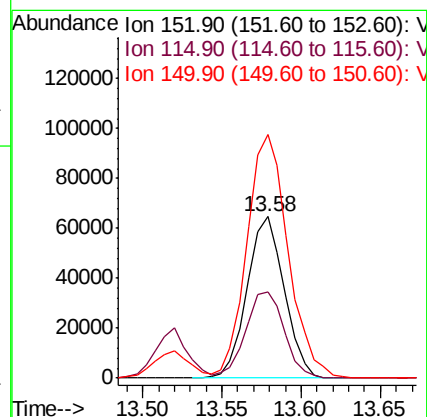
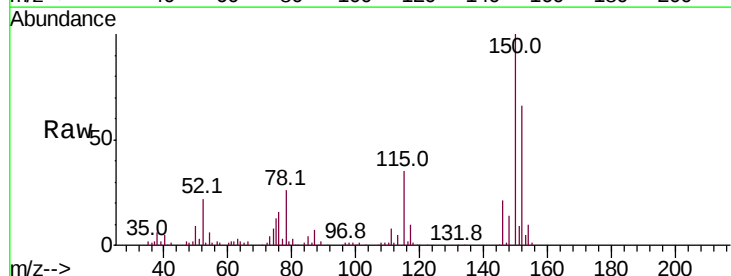
#71
Bromoform
Concen: 51.657 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

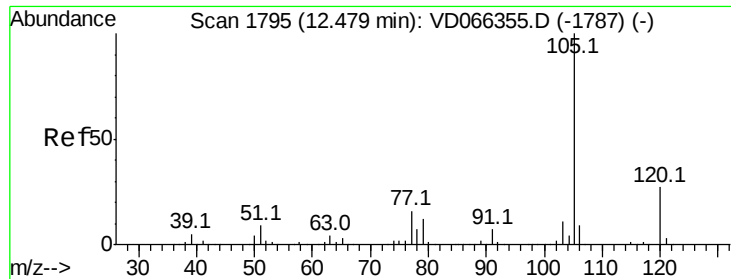
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.8	74.3
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

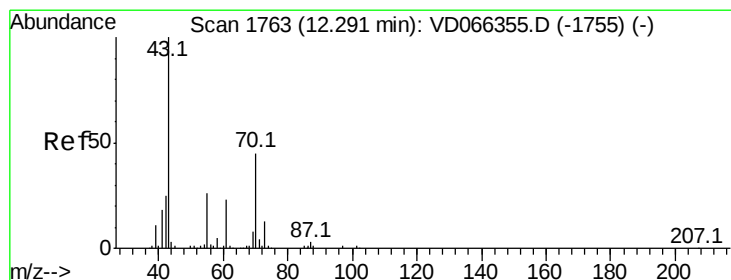
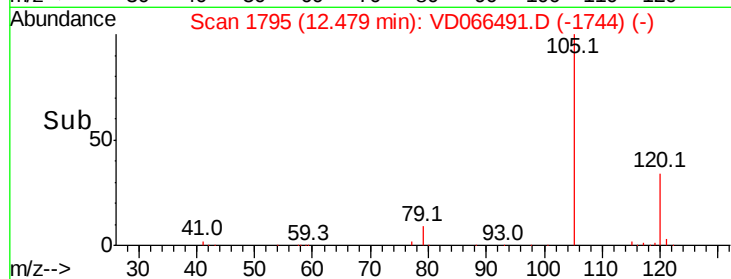
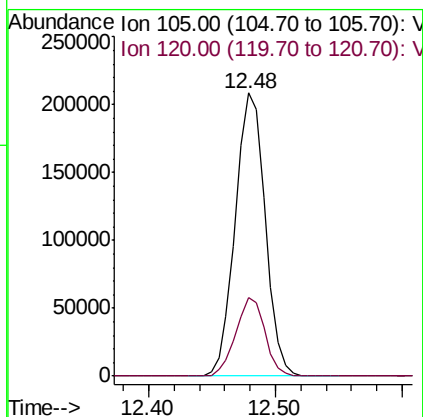
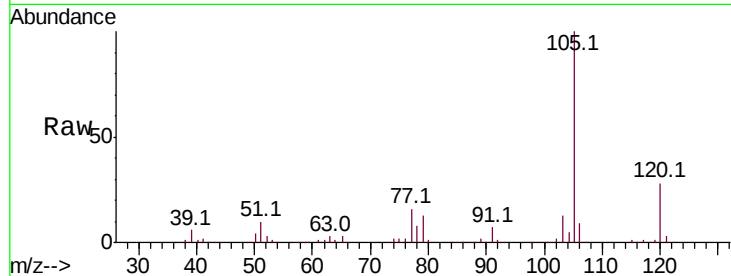
Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.3	85.0
150	167.4	0.0	343.2





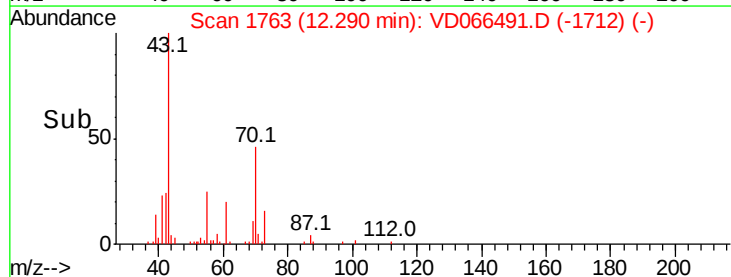
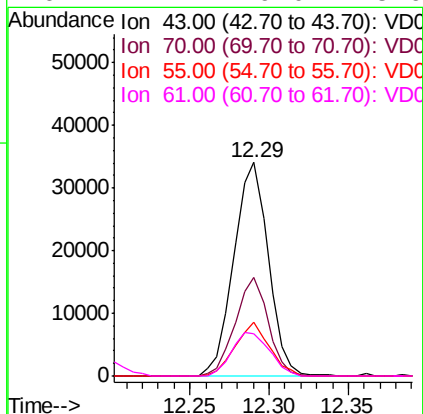
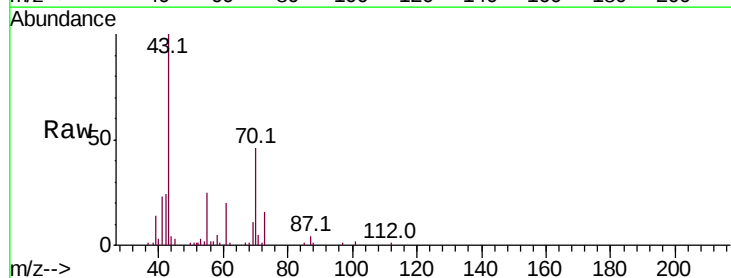
#73
Isopropylbenzene
Concen: 48.262 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

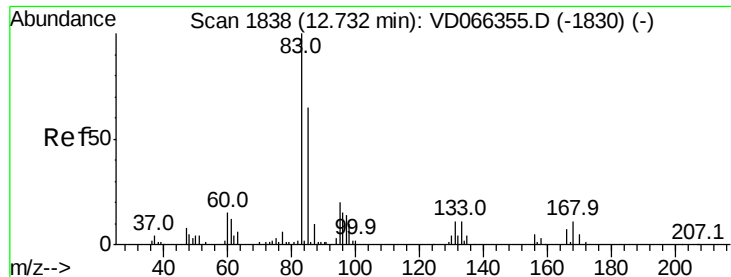
Tot Ion: 105 Resp: 341068
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.8



#74
N-ethyl acetate
Concen: 40.318 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion: 43 Resp: 51461
Ion Ratio Lower Upper
43 100
70 43.9 34.8 52.2
55 25.0 20.3 30.5
61 22.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 39.716 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

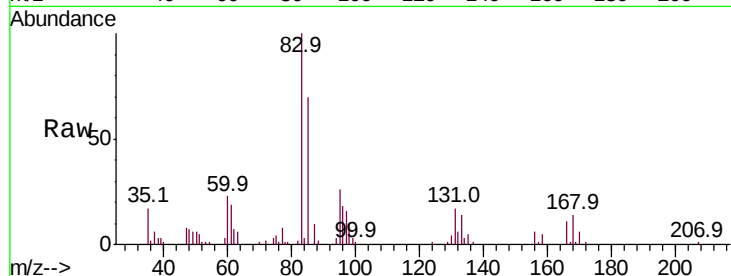
Tot Ion: 83 Resp: 40095

Ion Ratio Lower Upper

83 100

131 15.1 7.0 20.9

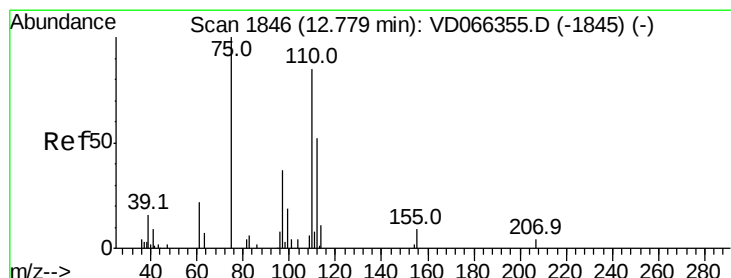
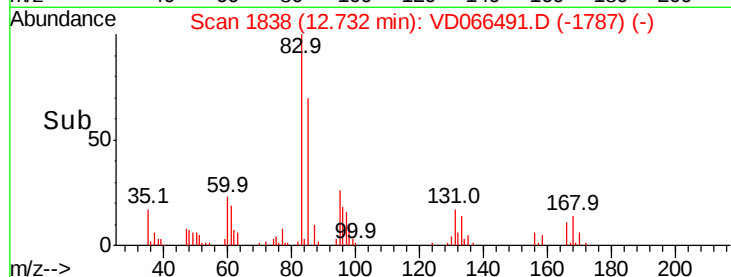
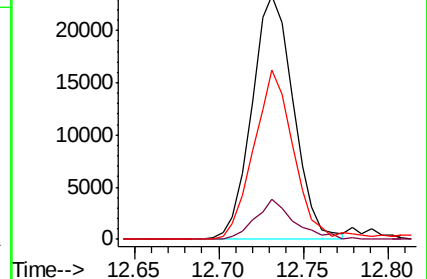
85 66.8 32.4 97.0



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: 89.352 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066491.D

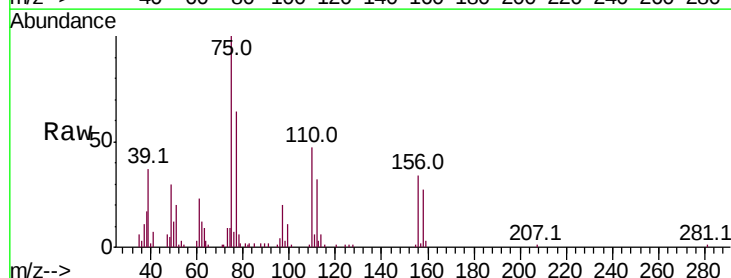
Acq: 31 Aug 2020 18:56

Tgt Ion: 75 Resp: 66313

Ion Ratio Lower Upper

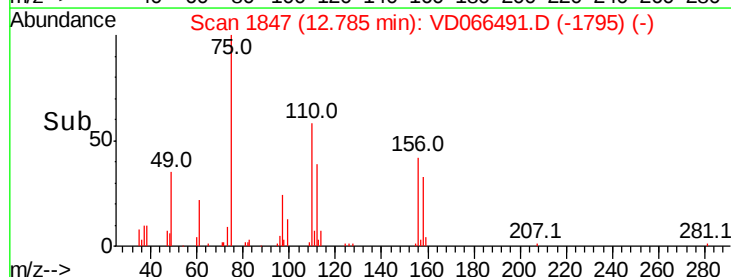
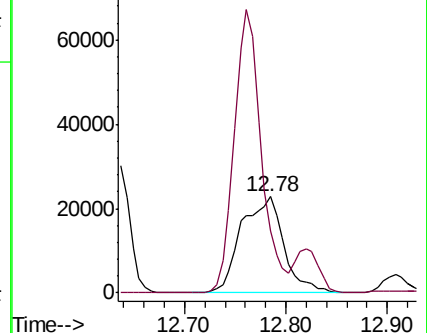
75 100

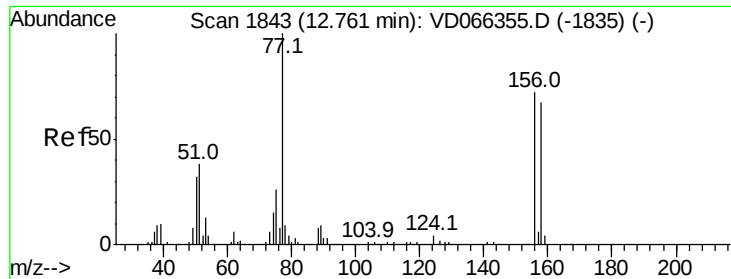
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 48.901 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066491.D

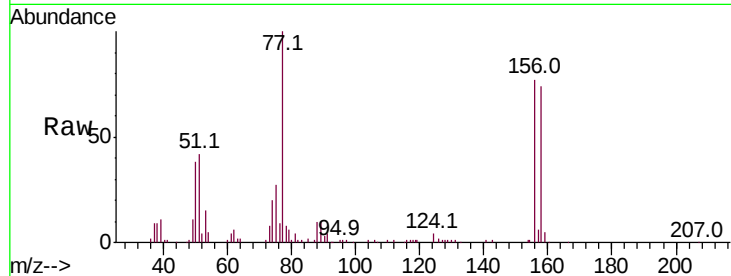
Acq: 31 Aug 2020 18:56

Tot Ion:156 Resp: 87714

Ion	Ratio	Lower	Upper
156	100		
77	142.1	76.1	228.3
158	95.1	47.6	142.9

77 142.1 76.1 228.3

158 95.1 47.6 142.9



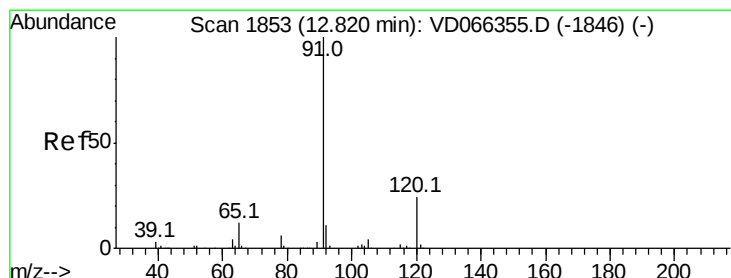
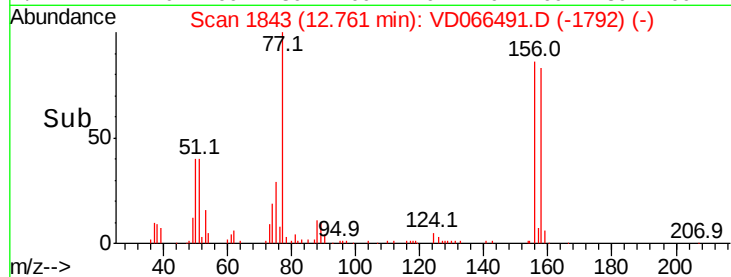
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V

12.76

Time-->



#78

n-propylbenzene

Concen: 45.775 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066491.D

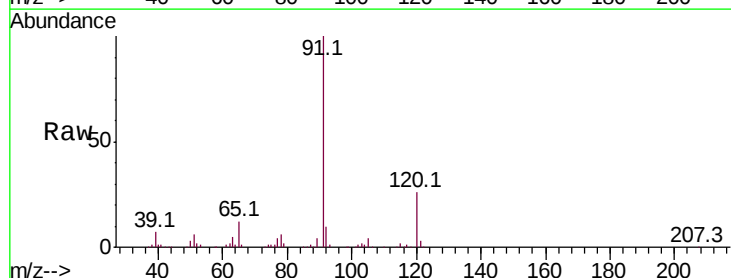
Acq: 31 Aug 2020 18:56

Tgt Ion: 91 Resp: 370913

Ion	Ratio	Lower	Upper
91	100		
120	25.8	12.0	36.0

91 100

120 25.8 12.0 36.0

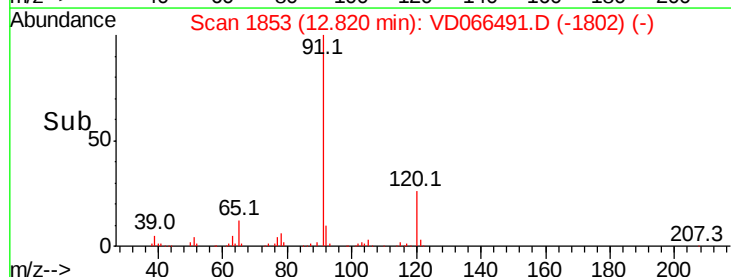


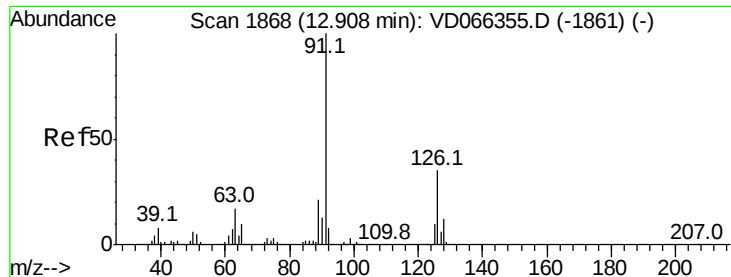
Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

12.82

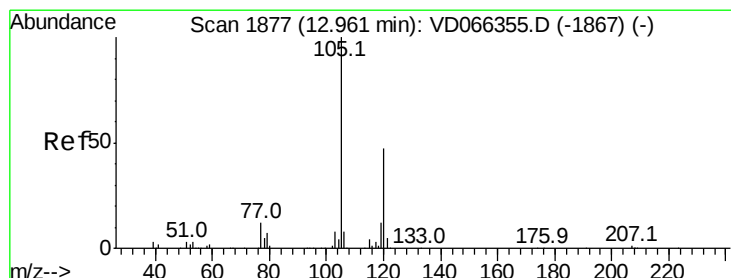
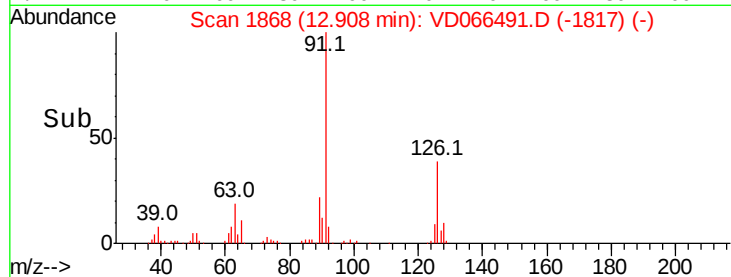
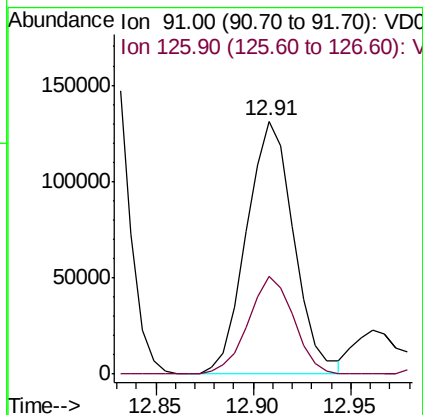
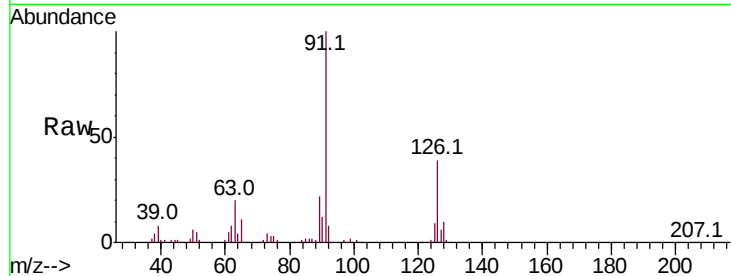
Time-->





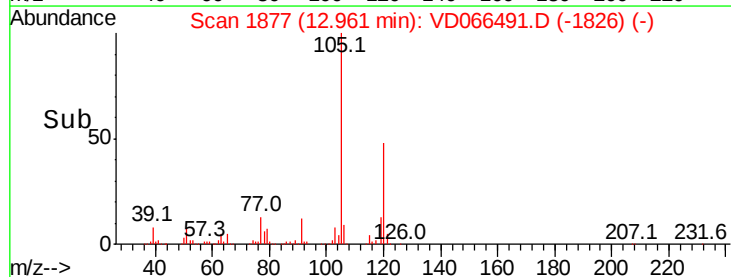
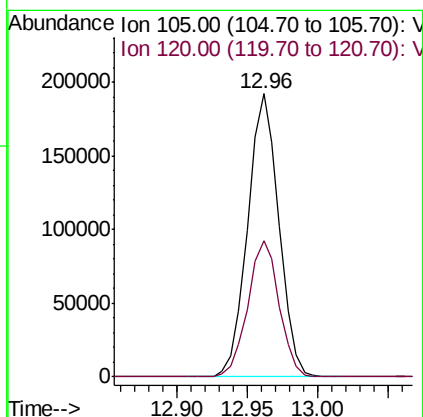
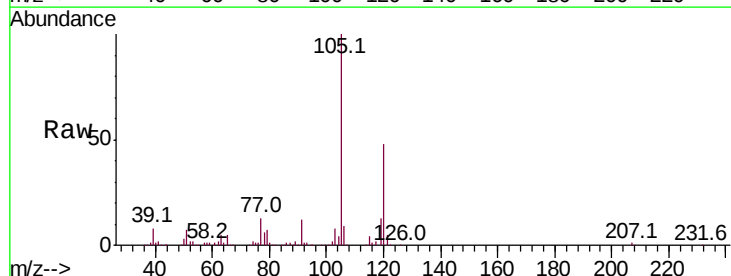
#79
 2-Chlorotoluene
 Concen: 47.785 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

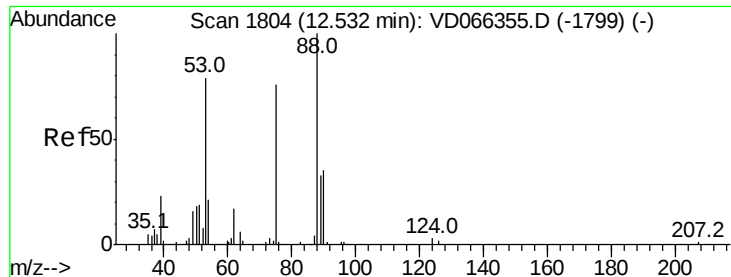
Tot Ion: 91 Resp: 221147
 Ion Ratio Lower Upper
 91 100
 126 37.0 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 48.872 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion:105 Resp: 298206
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 42.722 ug/l

RT: 12.53 min Scan# 1803

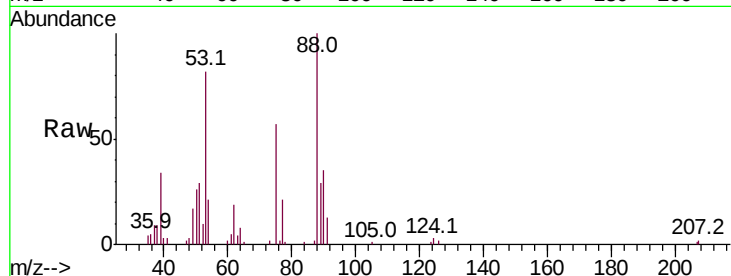
Delta R.T. -0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

Tot Ion: 75 Resp: 14937

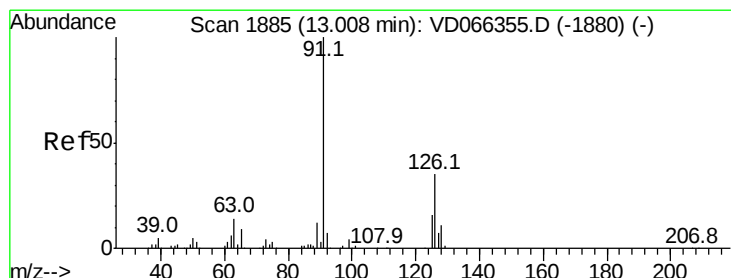
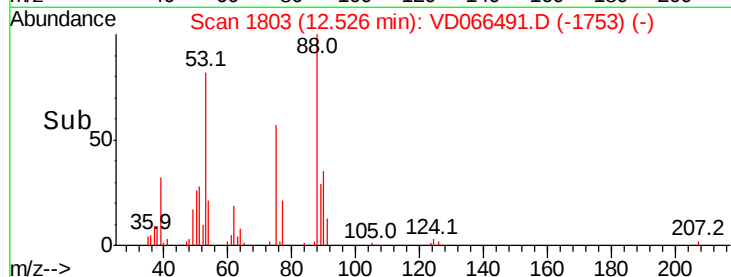
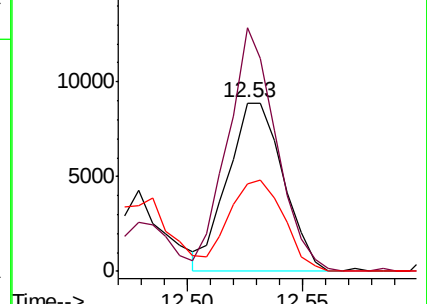
Ion	Ratio	Lower	Upper
75	100		
53	126.4	87.4	131.2
89	52.6	39.4	59.0



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: 47.137 ug/l

RT: 13.01 min Scan# 1885

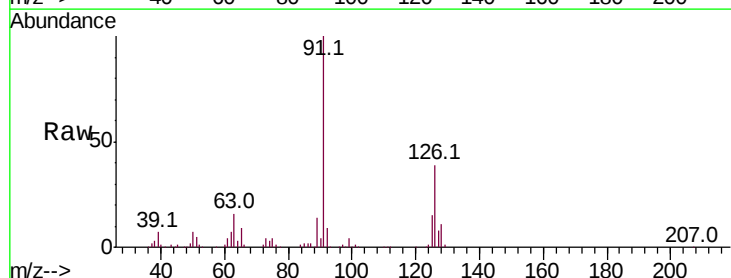
Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

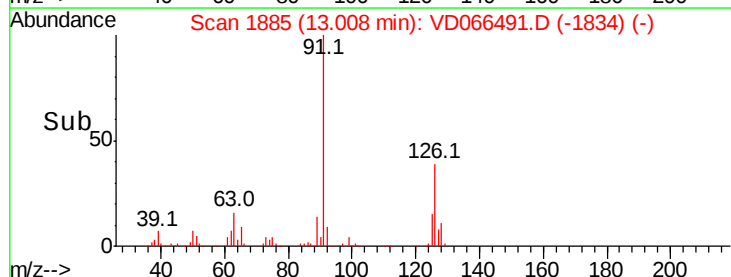
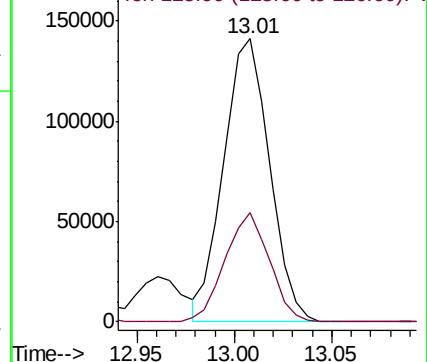
Tgt Ion: 91 Resp: 231119

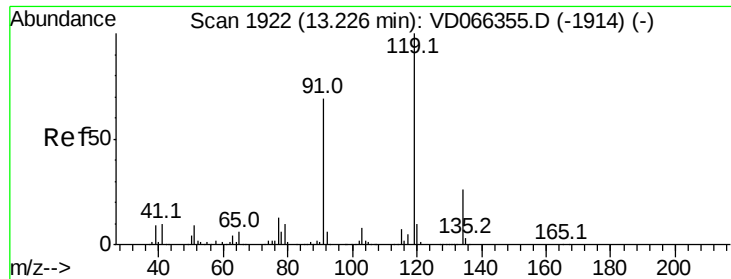
Ion	Ratio	Lower	Upper
91	100		
126	37.5	17.4	52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

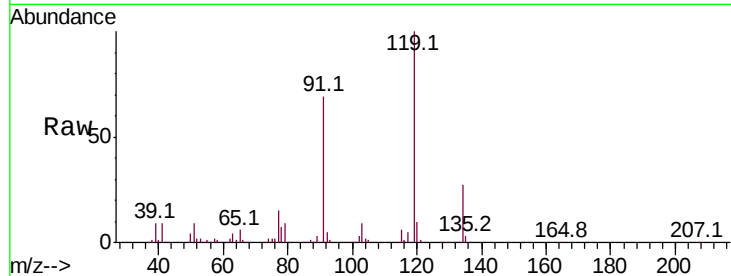
Ion 125.90 (125.60 to 126.60): V



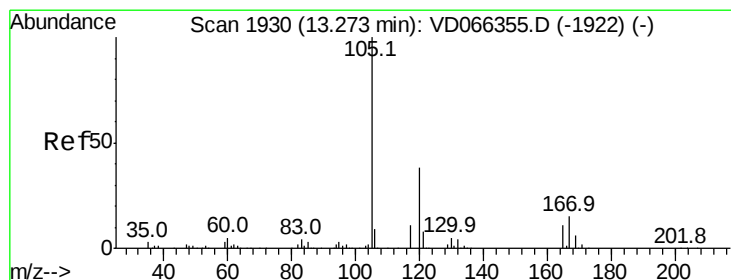
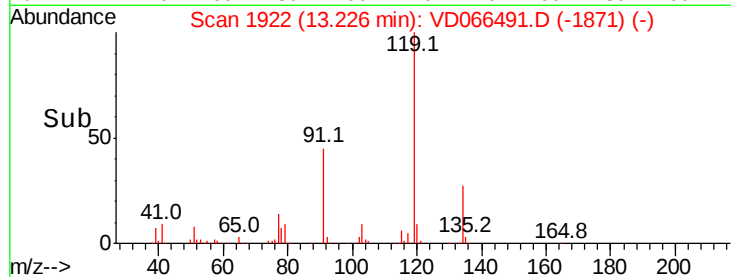
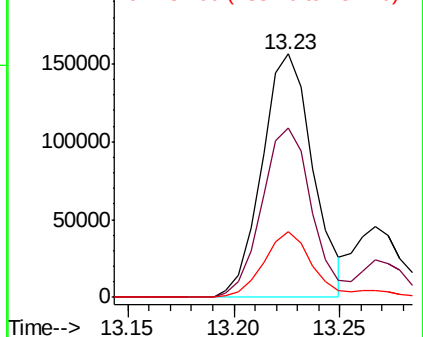


#83
tert-Butylbenzene
Concen: 49.513 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tot Ion:119 Resp: 262410
Ion Ratio Lower Upper
119 100
91 68.9 33.5 100.5
134 25.5 13.5 40.4

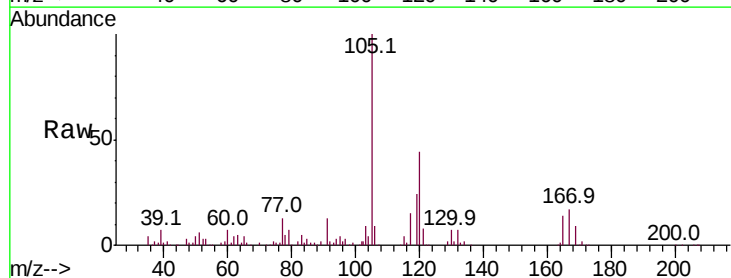


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

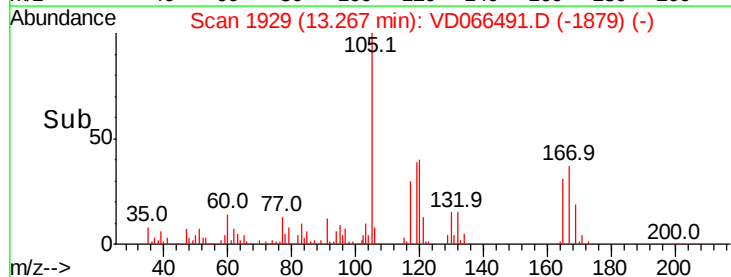
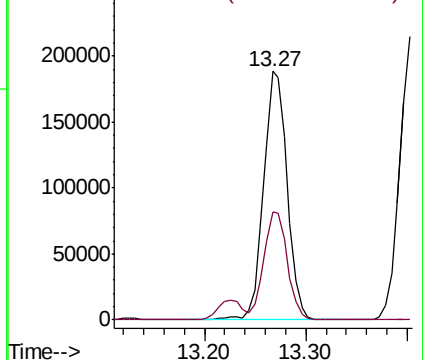


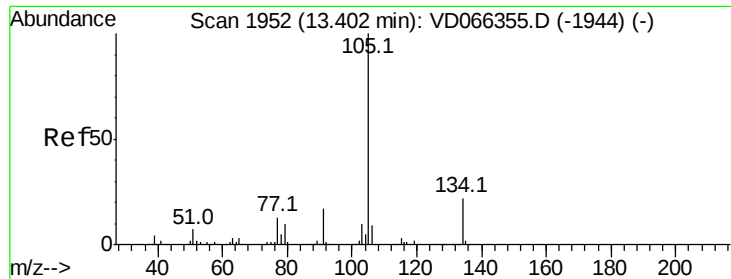
#84
1,2,4-Trimethylbenzene
Concen: 51.063 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion:105 Resp: 306029
Ion Ratio Lower Upper
105 100
120 43.4 22.6 67.7



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





#85

sec-Butylbenzene

Concen: 46.948 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066491.D

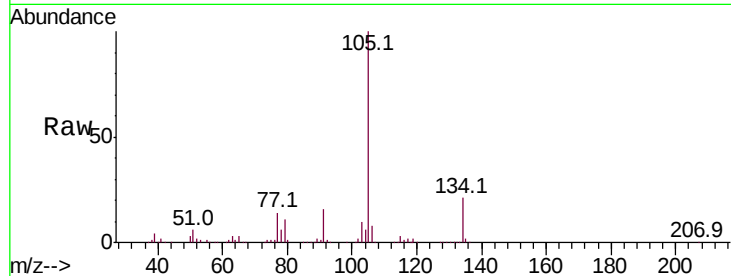
Acq: 31 Aug 2020 18:56

Tot Ion:105 Resp: 326002

Ion Ratio Lower Upper

105 100

134 22.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

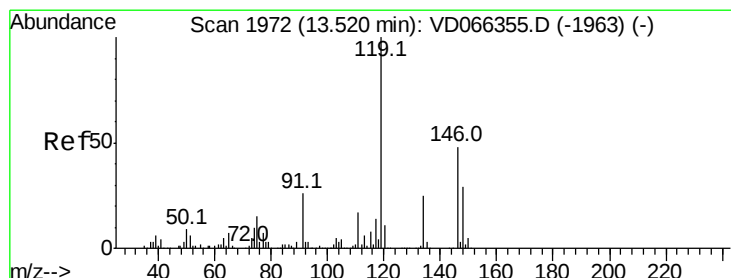
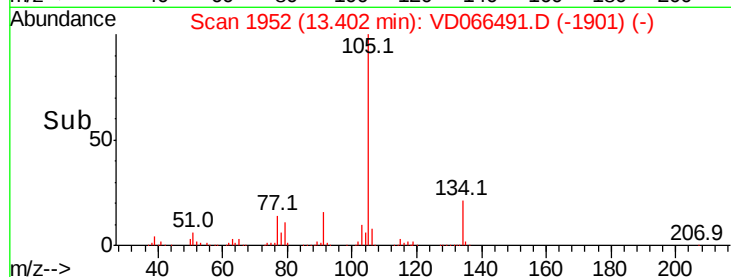
0

13.30

13.40

13.50

Time-->



#86

p-Isopropyltoluene

Concen: 49.969 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

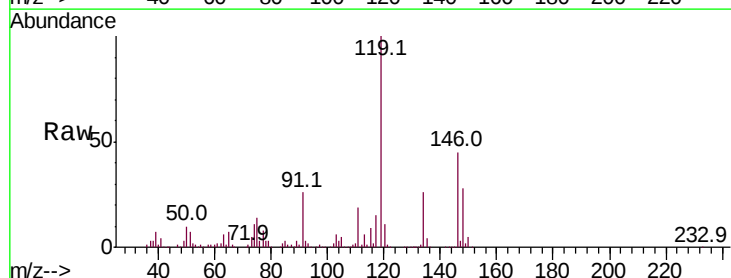
Tgt Ion:119 Resp: 334571

Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.3

91 25.8 12.7 38.0



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

300000

250000

200000

150000

100000

50000

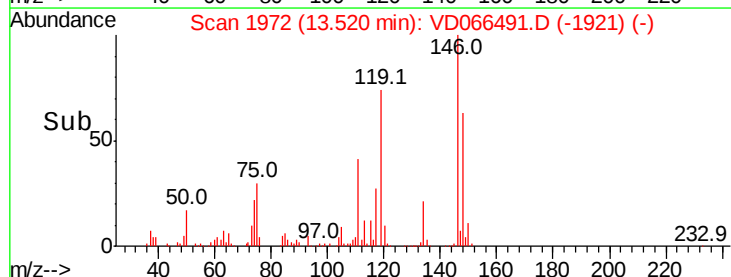
0

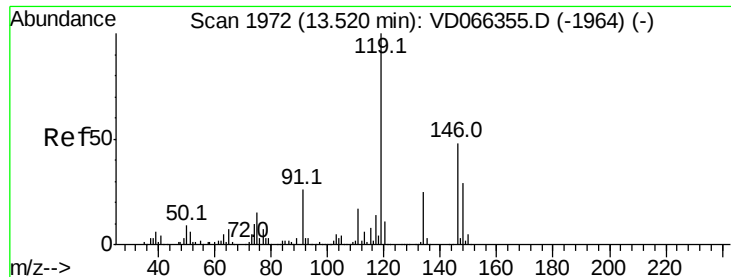
13.45

13.50

13.55

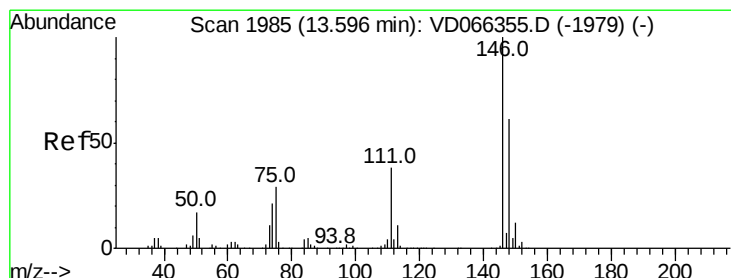
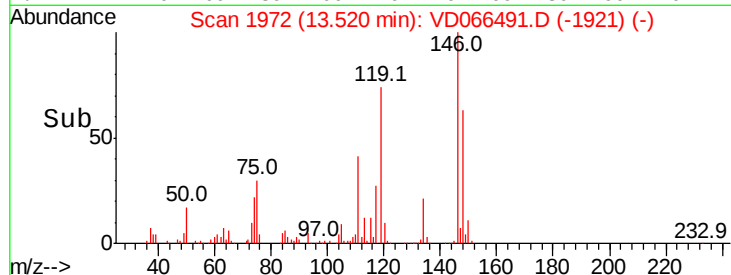
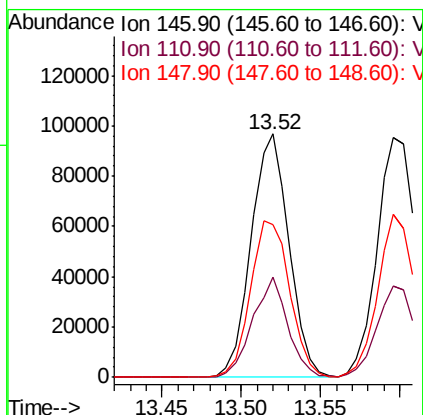
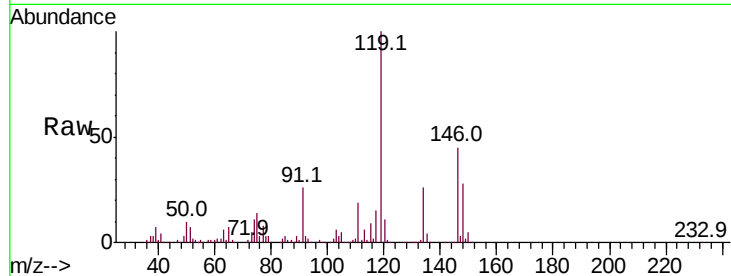
Time-->





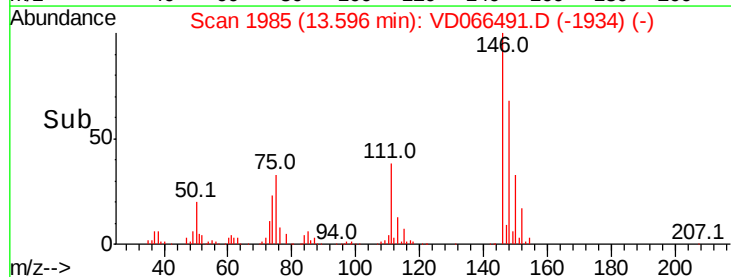
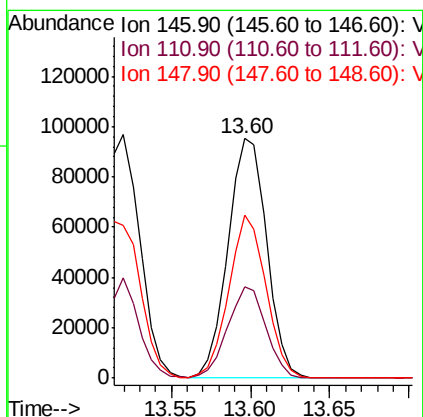
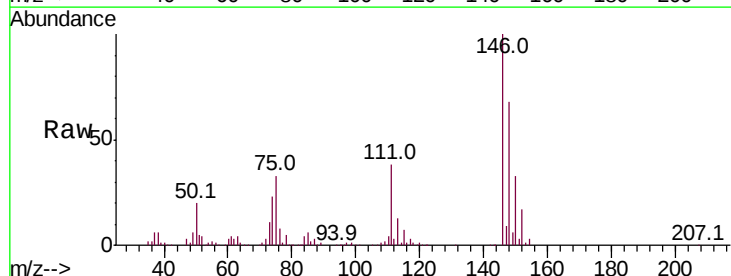
#87
 1,3-Dichlorobenzene
 Concen: 48.053 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

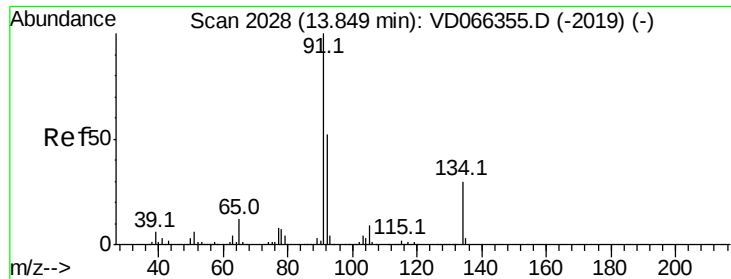
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	66.6	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.001 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

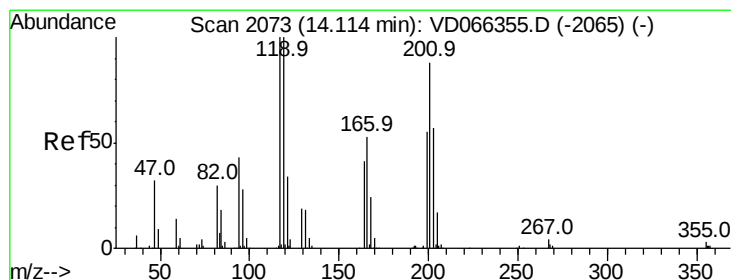
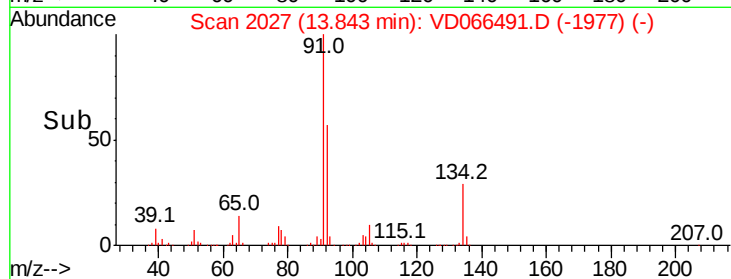
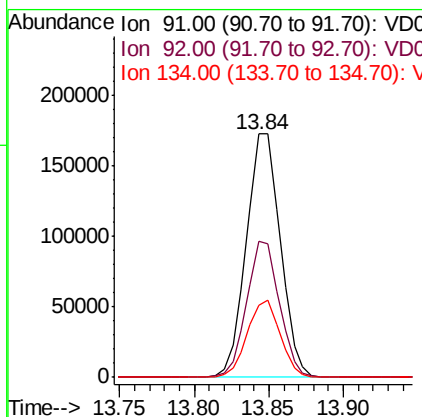
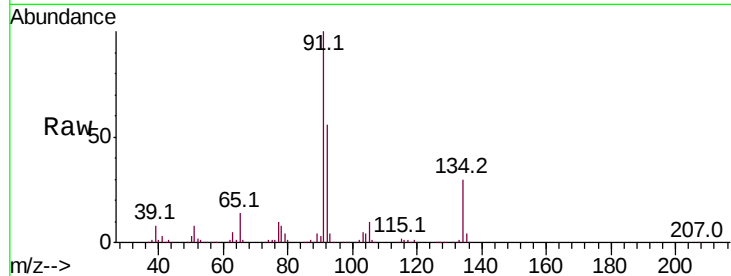
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	65.3	32.1	96.3





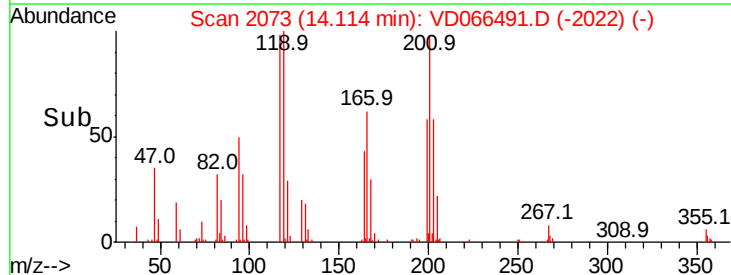
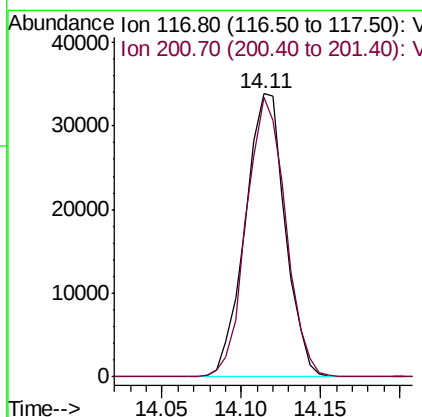
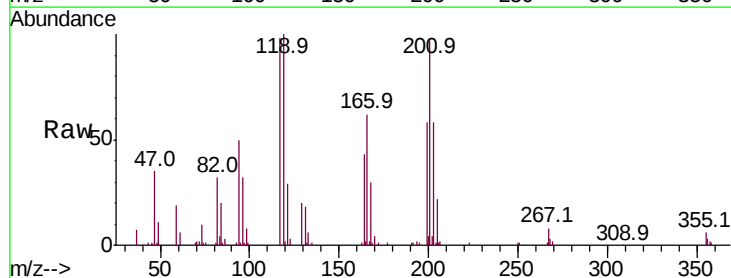
#89
n-Butylbenzene
Concen: 46.168 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

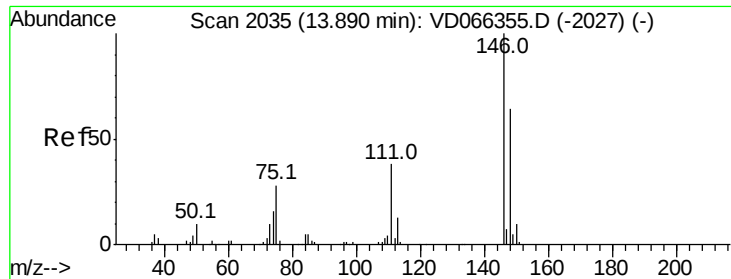
Tot Ion: 91 Resp: 272781
Ion Ratio Lower Upper
91 100
92 53.9 26.4 79.0
134 30.6 14.4 43.4



#90
Hexachloroethane
Concen: 45.077 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion: 117 Resp: 59621
Ion Ratio Lower Upper
117 100
201 97.0 45.4 136.2





#91

1,2-Dichlorobenzene

Concen: 49.905 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

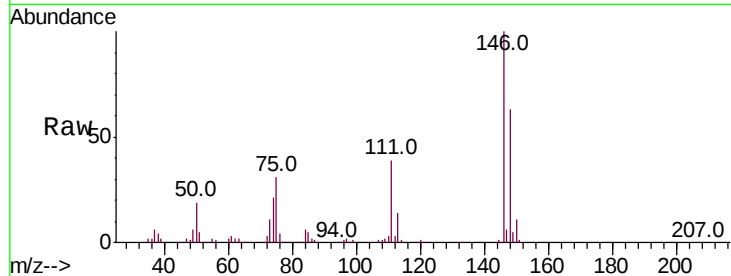
Tot Ion:146 Resp: 143844

Ion Ratio Lower Upper

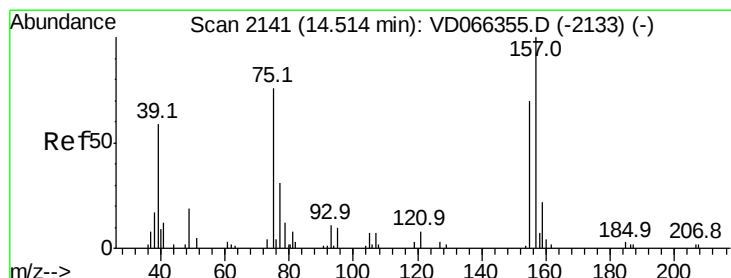
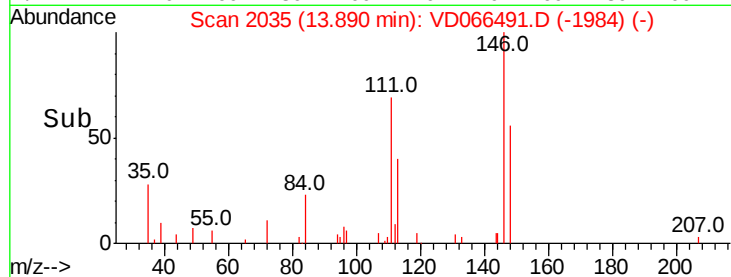
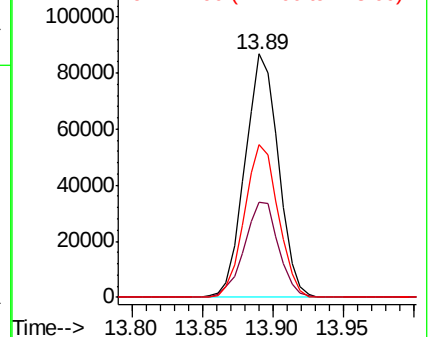
146 100

111 40.0 19.9 59.7

148 63.3 32.6 97.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.444 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066491.D

Acq: 31 Aug 2020 18:56

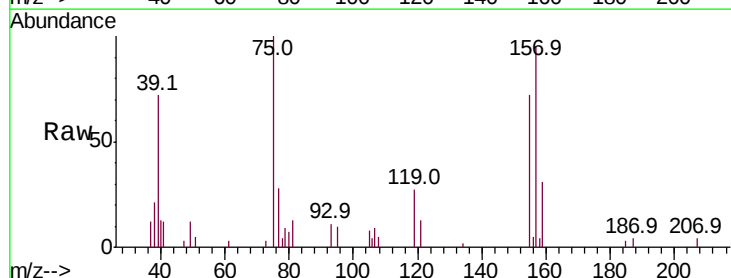
Tgt Ion: 75 Resp: 10469

Ion Ratio Lower Upper

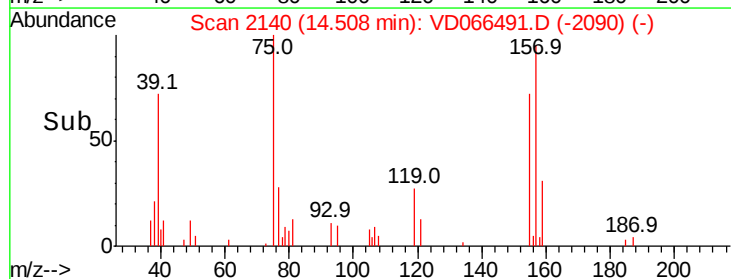
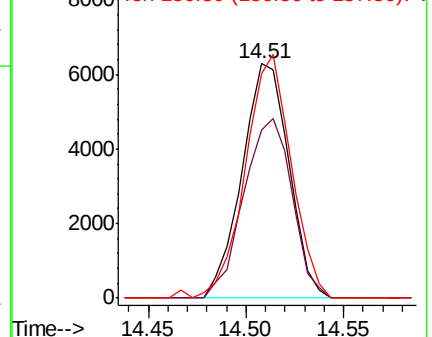
75 100

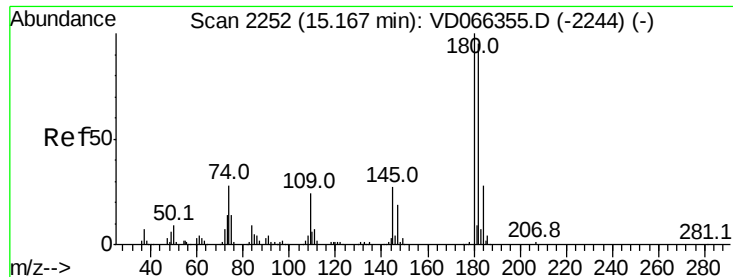
155 78.9 46.9 140.6

157 102.2 61.0 183.0



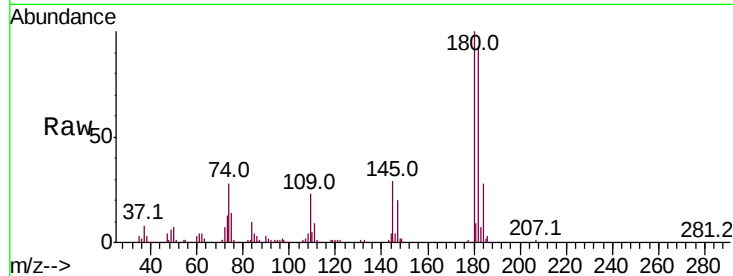
Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V



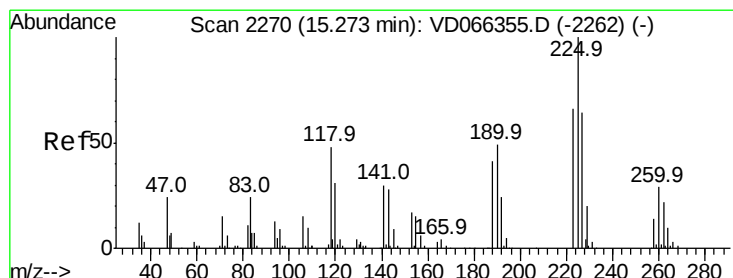
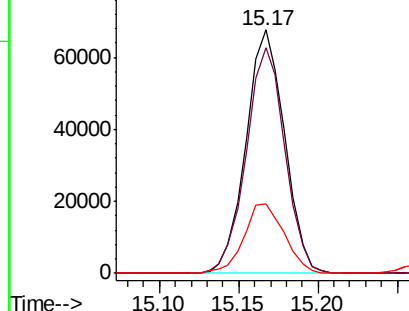
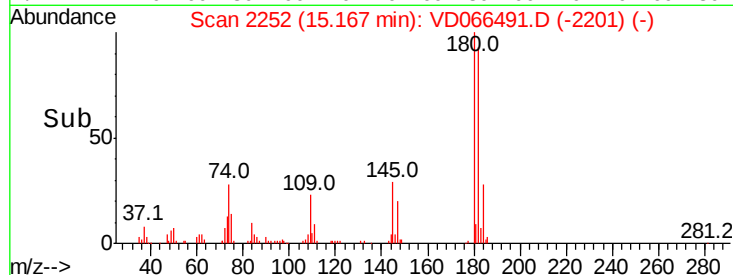


#93
 1,2,4-Trichlorobenzene
 Concen: 50.847 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tot Ion:180	Resp:	114418
Ion Ratio	Lower	Upper
180	100	
182	93.0	48.0 144.0
145	30.1	15.2 45.6

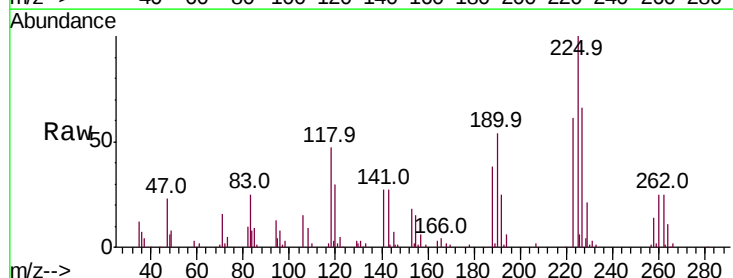


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

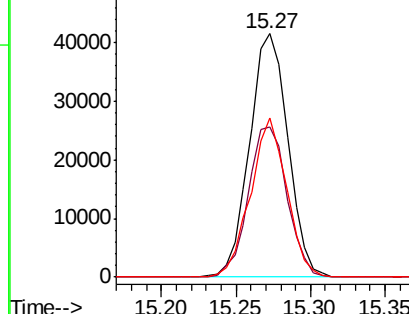
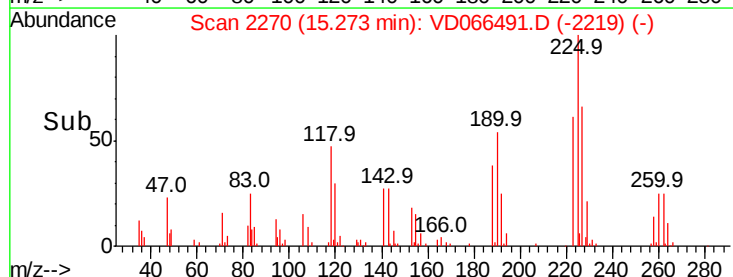


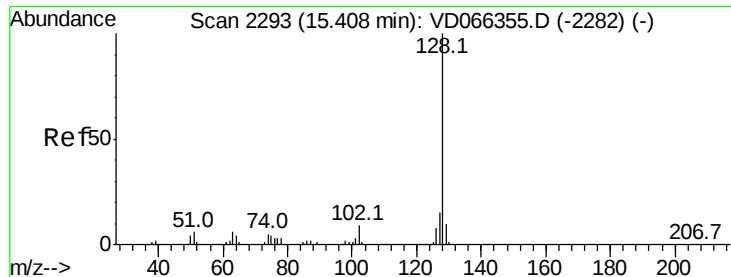
#94
 Hexachlorobutadiene
 Concen: 52.704 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066491.D
 Acq: 31 Aug 2020 18:56

Tgt Ion:225	Resp:	73700
Ion Ratio	Lower	Upper
225	100	
223	62.2	32.5 97.4
227	61.6	33.0 98.9



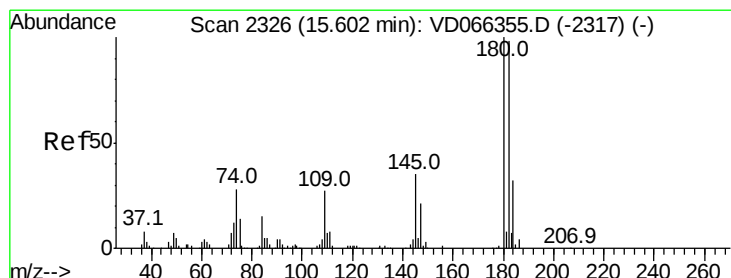
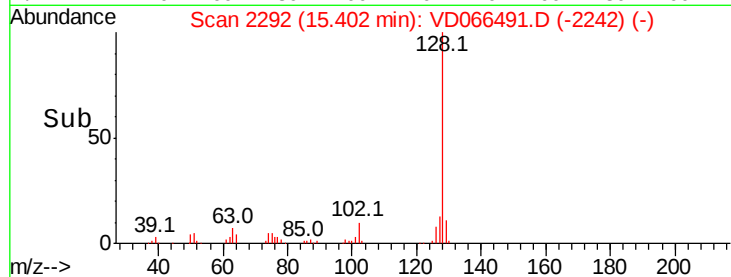
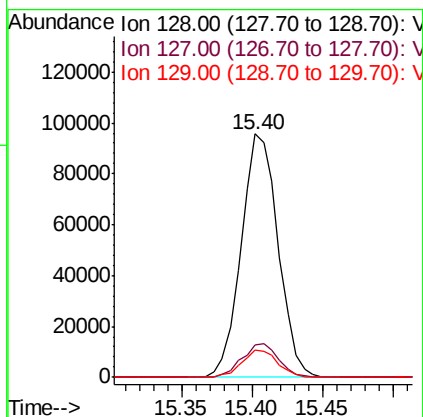
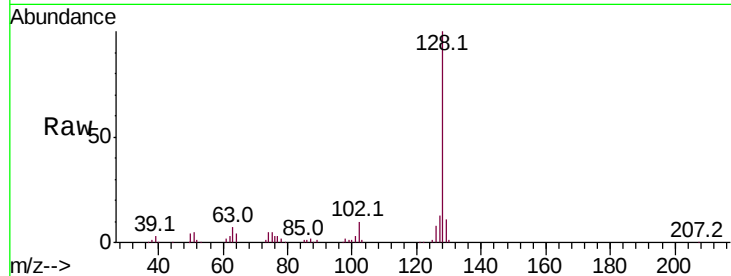
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95
Naphthalene
Concen: 49.454 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tot Ion:128 Resp: 174783
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.330 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066491.D
Acq: 31 Aug 2020 18:56

Tgt Ion:180 Resp: 97019
Ion Ratio Lower Upper
180 100
182 94.9 46.7 140.0
145 31.2 16.0 48.0

