

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066929.D
 Acq On : 29 Sep 2020 10:49
 Operator : VA/SY
 Sample : VD0929SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Quant Time: Sep 30 02:34:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	432583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	661927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	621163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	296870	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	189622	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
35) Dibromofluoromethane	7.91	113	203090	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	10.34	98	713501	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.63	95	253180	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	75972	21.919	ug/l	96
3) Chloromethane	2.21	50	71227	17.921	ug/l	89
4) Vinyl Chloride	2.35	62	66486	16.932	ug/l	100
5) Bromomethane	2.76	94	46804	16.959	ug/l	98
6) Chloroethane	2.92	64	43806	17.965	ug/l	95
7) Trichlorofluoromethane	3.27	101	155597	19.295	ug/l	99
8) Diethyl Ether	3.71	74	40648	19.855	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	91888	19.651	ug/l	97
10) Methyl Iodide	4.30	142	75766	18.362	ug/l	97
11) Tert butyl alcohol	5.21	59	22587	50.072	ug/l #	89
12) 1,1-Dichloroethene	4.07	96	80765	19.066	ug/l	98
13) Acrolein	3.93	56	24756	79.261	ug/l	87
14) Allyl chloride	4.71	41	109194	17.555	ug/l	97
15) Acrylonitrile	5.42	53	85587	94.335	ug/l	99
16) Acetone	4.16	43	70605	78.610	ug/l	98
17) Carbon Disulfide	4.41	76	239744	18.512	ug/l	99
18) Methyl Acetate	4.71	43	41878	18.619	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	178968	19.455	ug/l	99
20) Methylene Chloride	4.96	84	108392	18.719	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	96802	19.736	ug/l	98
22) Diisopropyl ether	6.36	45	243373	19.030	ug/l	96
23) Vinyl Acetate	6.31	43	578909	85.154	ug/l	95
24) 1,1-Dichloroethane	6.27	63	160049	18.707	ug/l	98
25) 2-Butanone	7.21	43	97394	90.234	ug/l	99
26) 2,2-Dichloropropane	7.20	77	148483	18.935	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	103659	19.451	ug/l	99
28) Bromochloromethane	7.54	49	62381	17.649	ug/l #	9
29) Tetrahydrofuran	7.56	42	67201	97.168	ug/l	97
30) Chloroform	7.71	83	177807	19.279	ug/l	98
31) Cyclohexane	7.98	56	138317	17.967	ug/l #	93
32) 1,1,1-Trichloroethane	7.90	97	157397	18.866	ug/l	98
36) 1,1-Dichloropropene	8.11	75	127417	19.403	ug/l	96
37) Ethyl Acetate	7.29	43	46348	19.523	ug/l #	93
38) Carbon Tetrachloride	8.09	117	145162	20.219	ug/l	95

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 Sample : VD0929SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
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 VD0929SBS01

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	151792	20.132	ug/l	98
40) Benzene	8.35	78	370199	20.228	ug/l	96
41) Methacrylonitrile	7.53	41	28052	19.215	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	104806	19.371	ug/l	97
43) Isopropyl Acetate	8.45	43	91916	20.083	ug/l	100
44) Trichloroethene	9.11	130	108954	20.886	ug/l	99
45) 1,2-Dichloropropane	9.38	63	90408	19.634	ug/l	95
46) Dibromomethane	9.47	93	52707	21.067	ug/l	99
47) Bromodichloromethane	9.66	83	136295	20.280	ug/l #	94
48) Methyl methacrylate	9.46	41	41786	18.517	ug/l	94
49) 1,4-Dioxane	9.46	88	12557	378.041	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	230322	99.314	ug/l	99
52) Toluene	10.40	92	245577	20.831	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	120251	21.022	ug/l	93
54) cis-1,3-Dichloropropene	10.08	75	141420	20.275	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	72067	20.954	ug/l	98
56) Ethyl methacrylate	10.66	69	76798	20.843	ug/l	98
57) 1,3-Dichloropropane	10.94	76	117631	20.713	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	216108	123.873	ug/l	99
59) 2-Hexanone	10.98	43	155973	99.729	ug/l	98
60) Dibromochloromethane	11.14	129	95197	21.208	ug/l	97
61) 1,2-Dibromoethane	11.24	107	69012	21.573	ug/l	98
64) Tetrachloroethene	10.87	164	93847	21.004	ug/l	96
65) Chlorobenzene	11.67	112	260863	20.175	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	101871	20.817	ug/l	99
67) Ethyl Benzene	11.74	91	445212	19.605	ug/l	100
68) m/p-Xylenes	11.85	106	354822	41.268	ug/l	99
69) o-Xylene	12.18	106	154313	19.849	ug/l	98
70) Styrene	12.20	104	279541	20.705	ug/l	99
71) Bromoform	12.36	173	52882	21.343	ug/l #	100
73) Isopropylbenzene	12.48	105	434894	20.279	ug/l	98
74) N-amyl acetate	12.29	43	80167	19.142	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	75233	20.330	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	97062	39.453	ug/l #	100
77) Bromobenzene	12.76	156	103344	20.604	ug/l	97
78) n-propylbenzene	12.82	91	528912	20.500	ug/l	99
79) 2-Chlorotoluene	12.91	91	294389	20.023	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	372512	20.471	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20360	20.705	ug/l	100
82) 4-Chlorotoluene	13.01	91	317833	20.507	ug/l	100
83) tert-Butylbenzene	13.23	119	309294	20.684	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	370430	20.529	ug/l	100
85) sec-Butylbenzene	13.40	105	430343	20.014	ug/l	99
86) p-Isopropyltoluene	13.52	119	403450	20.816	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	204889	20.676	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	203431	20.670	ug/l	99
89) n-Butylbenzene	13.85	91	368657	20.011	ug/l	98
90) Hexachloroethane	14.11	117	76534	19.450	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	176622	20.833	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11310	18.999	ug/l	85

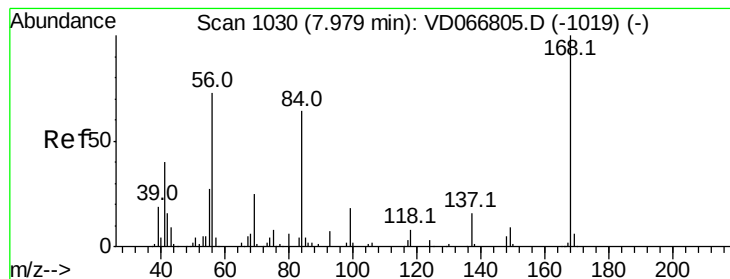
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092920\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	111438	20.881	ug/l	97
94) Hexachlorobutadiene	15.27	225	67020	20.956	ug/l	97
95) Naphthalene	15.41	128	183036	20.201	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	98746	21.437	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

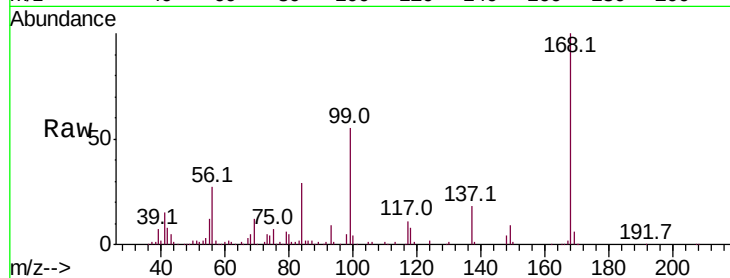
VD0929SBS01

Tot Ion:168 Resp: 432583

Ion Ratio Lower Upper

168 100

99 54.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

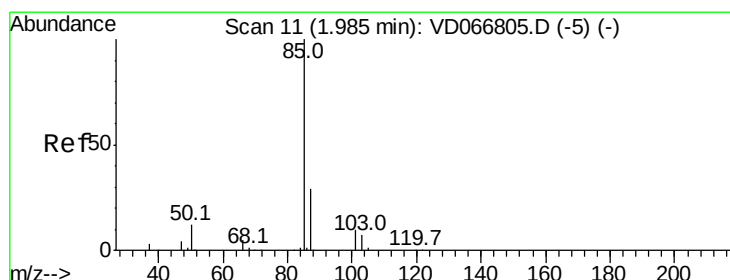
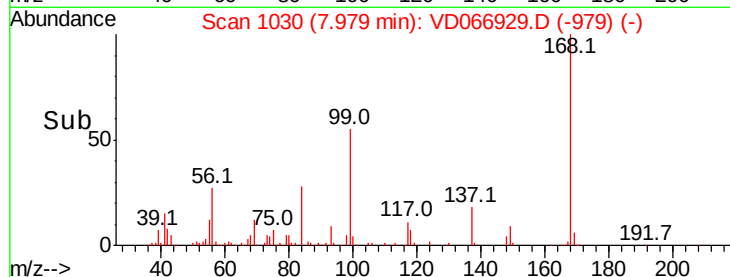
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 21.919 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066929.D

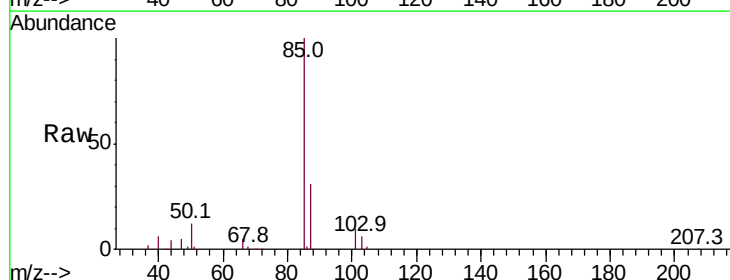
Acq: 29 Sep 2020 10:49

Tgt Ion: 85 Resp: 75972

Ion Ratio Lower Upper

85 100

87 31.2 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

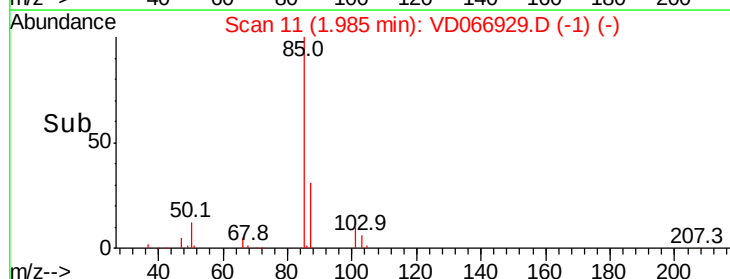
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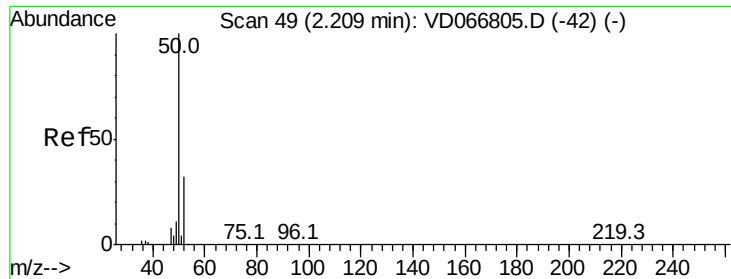
10000

0

Time-->

1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 17.921 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

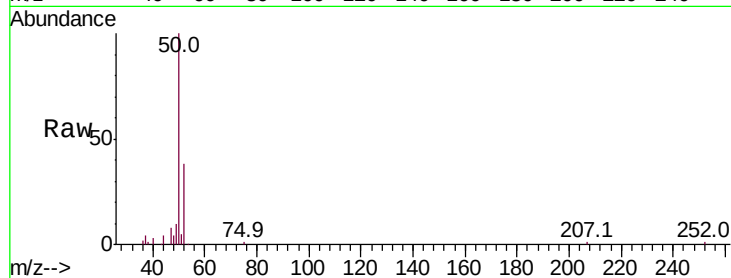
VD0929SBS01

Tot Ion: 50 Resp: 71227

Ion Ratio Lower Upper

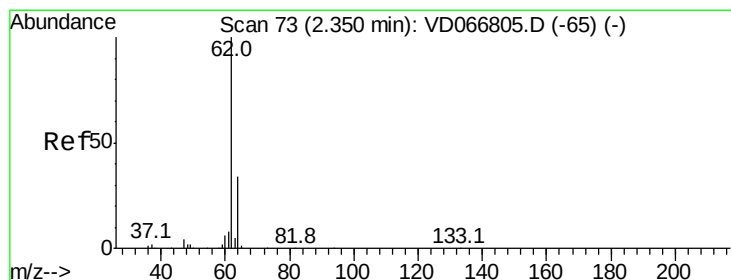
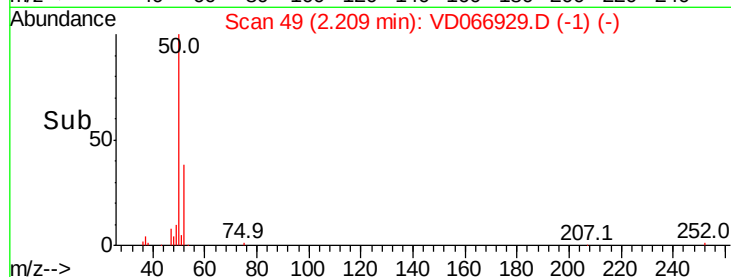
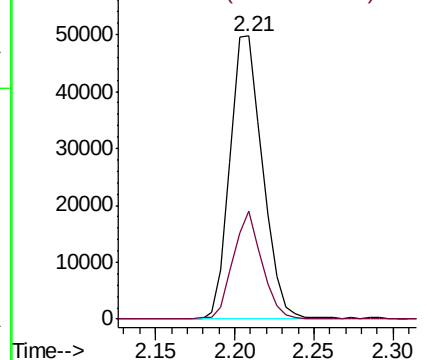
50 100

52 38.0 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 16.932 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066929.D

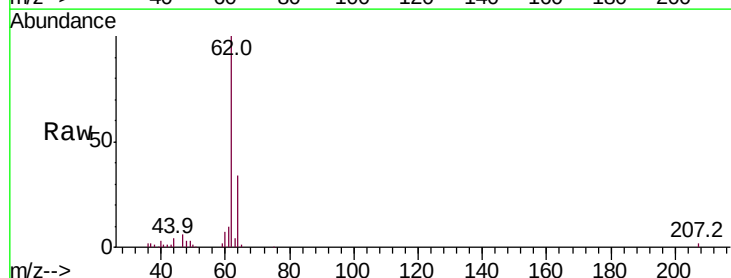
Acq: 29 Sep 2020 10:49

Tgt Ion: 62 Resp: 66486

Ion Ratio Lower Upper

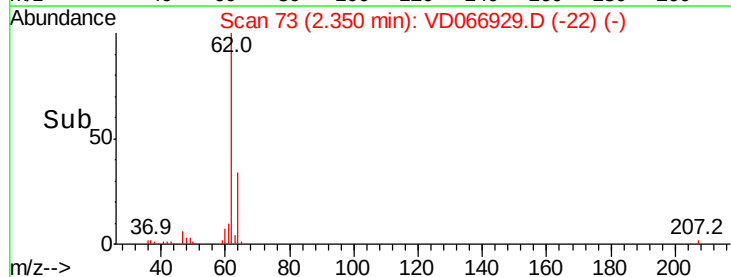
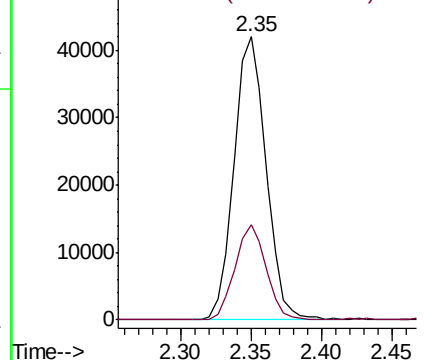
62 100

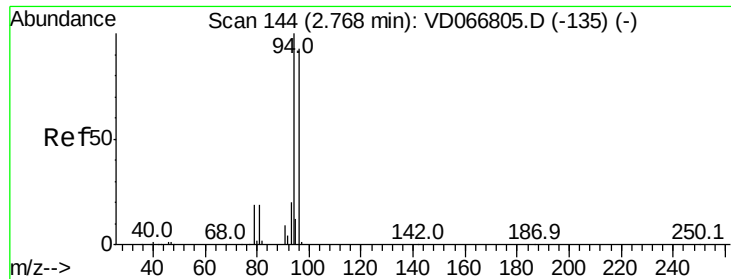
64 33.7 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 16.959 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

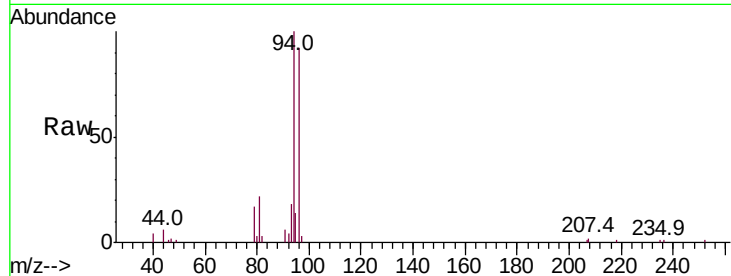
VD0929SBS01

Tot Ion: 94 Resp: 46804

Ion Ratio Lower Upper

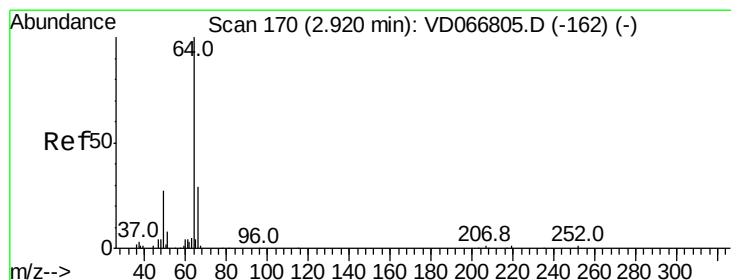
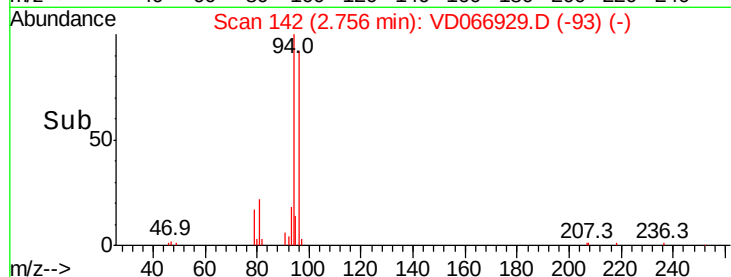
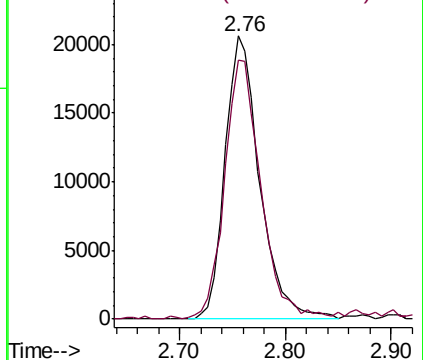
94 100

96 90.8 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 17.965 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066929.D

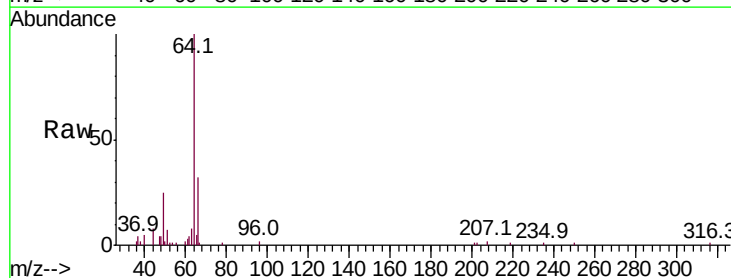
Acq: 29 Sep 2020 10:49

Tgt Ion: 64 Resp: 43806

Ion Ratio Lower Upper

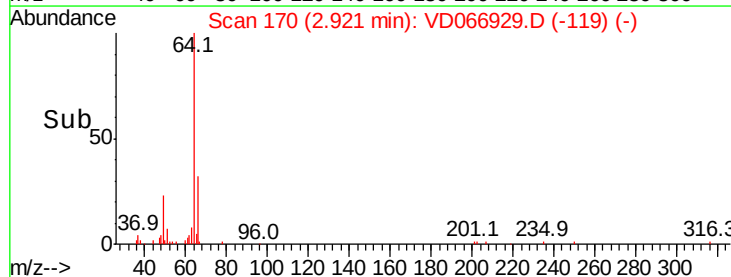
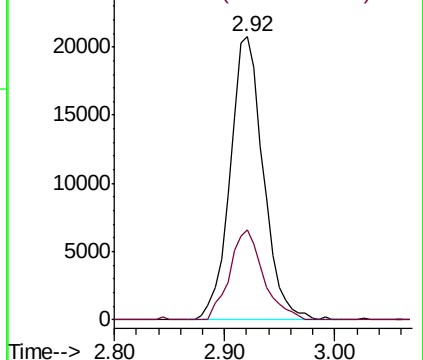
64 100

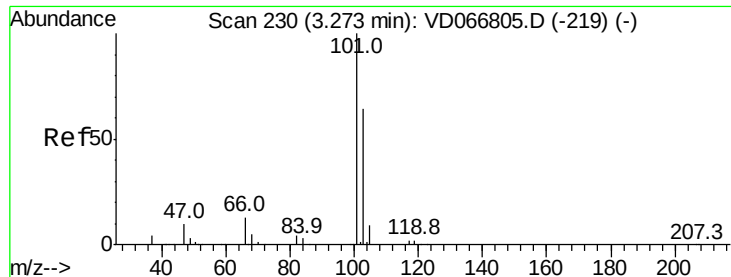
66 32.0 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



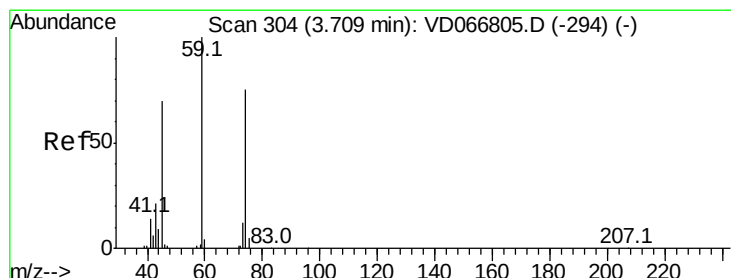
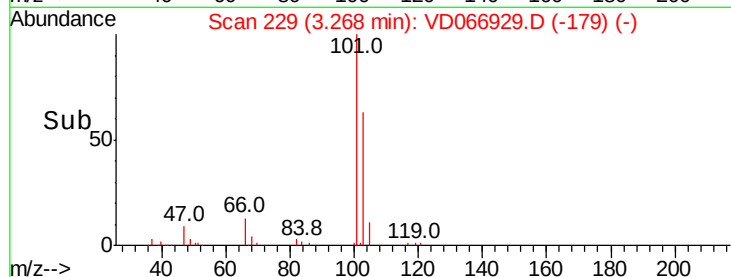
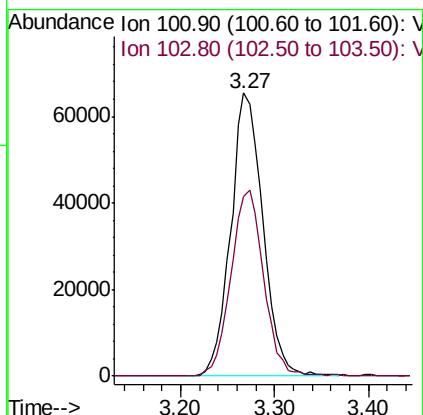
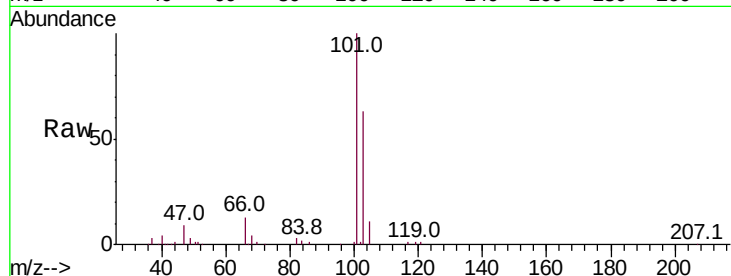


#7

Trichlorofluoromethane
 Concen: 19.295 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

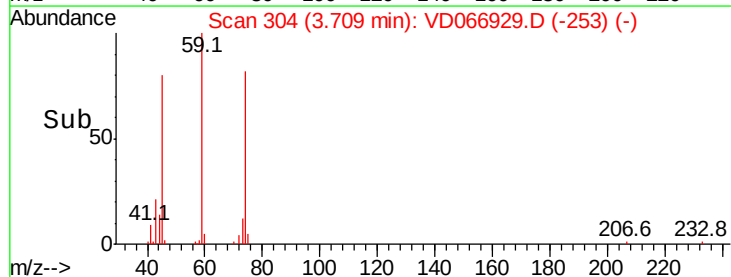
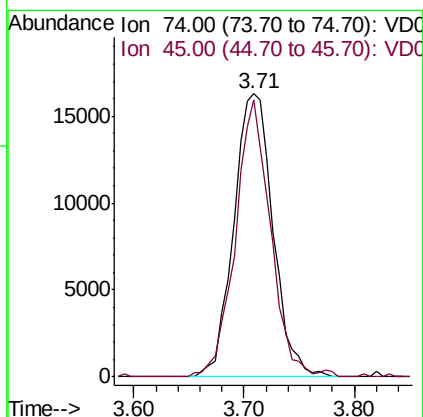
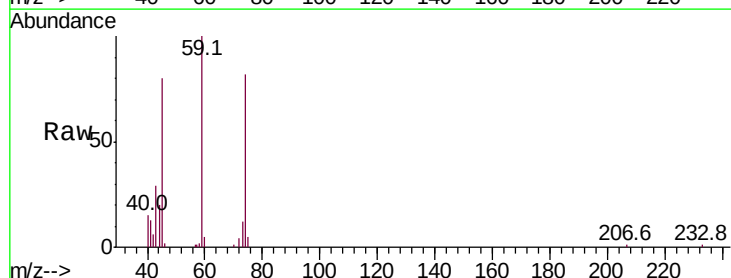
Tot Ion:101 Resp: 155597
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.0 76.6

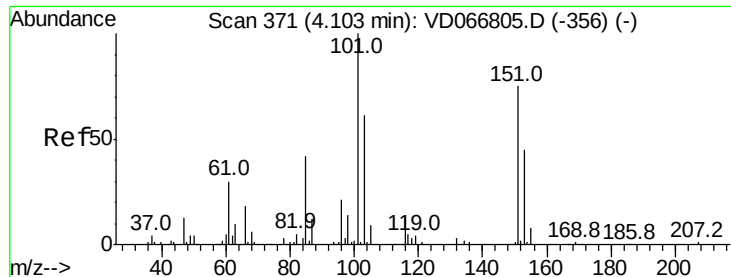


#8

Diethyl Ether
 Concen: 19.855 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion: 74 Resp: 40648
 Ion Ratio Lower Upper
 74 100
 45 87.3 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.651 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

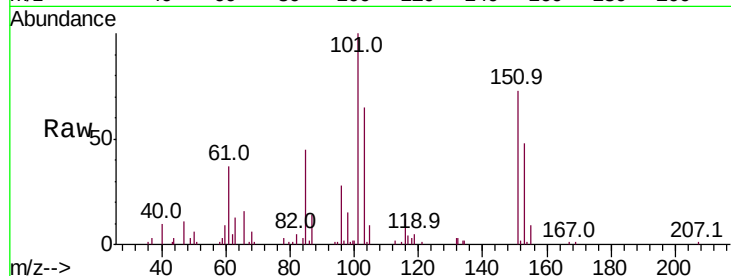
Tot Ion:101 Resp: 91888

Ion Ratio Lower Upper

101 100

85 42.2 35.4 53.2

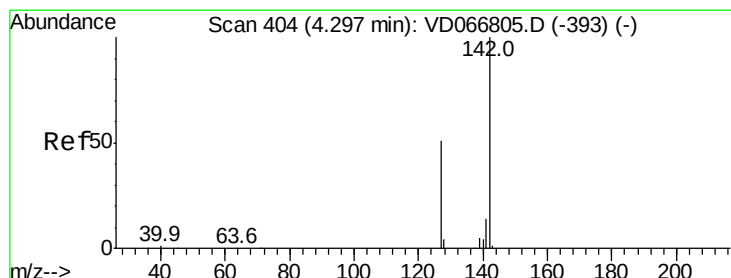
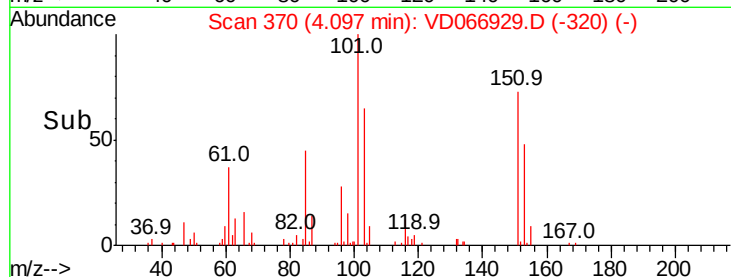
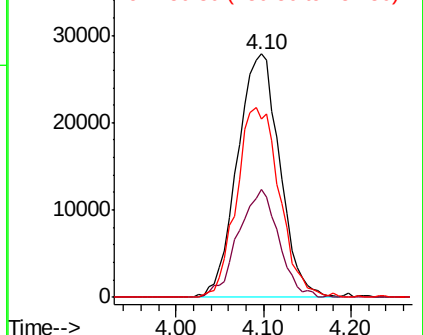
151 79.0 61.4 92.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.362 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

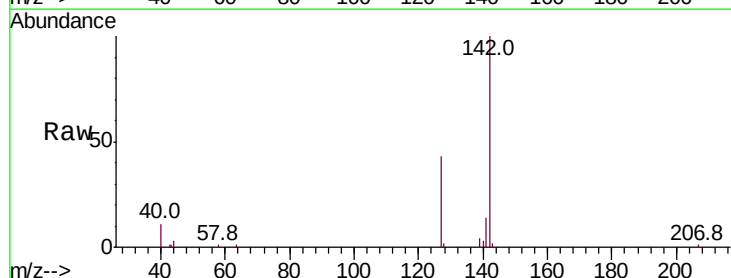
Tgt Ion:142 Resp: 75766

Ion Ratio Lower Upper

142 100

127 46.5 39.4 59.0

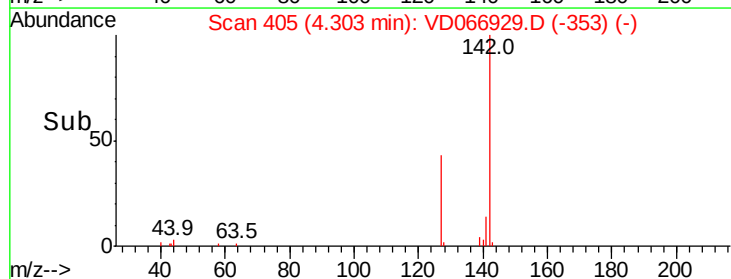
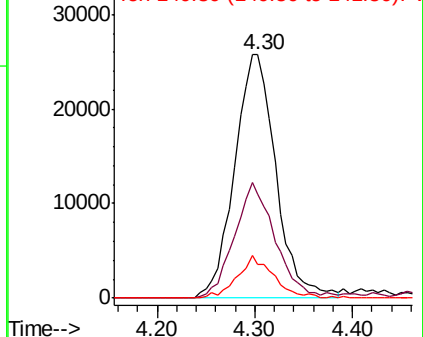
141 15.2 12.1 18.1

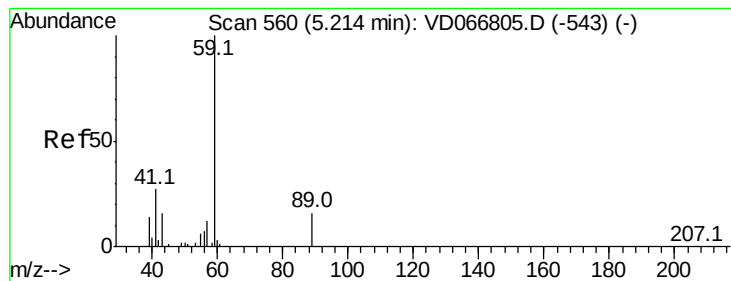


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 50.072 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

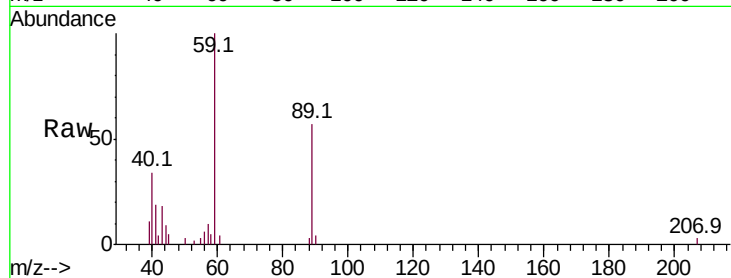
VD0929SBS01

Tot Ion: 59 Resp: 22587

Ion Ratio Lower Upper

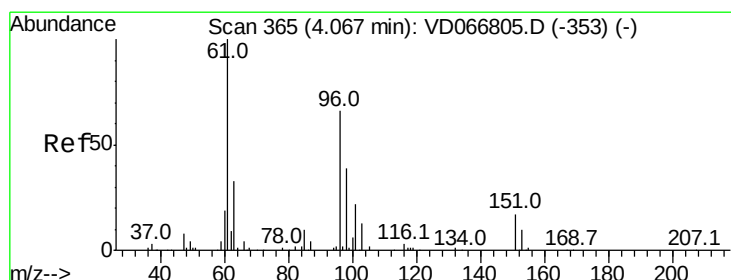
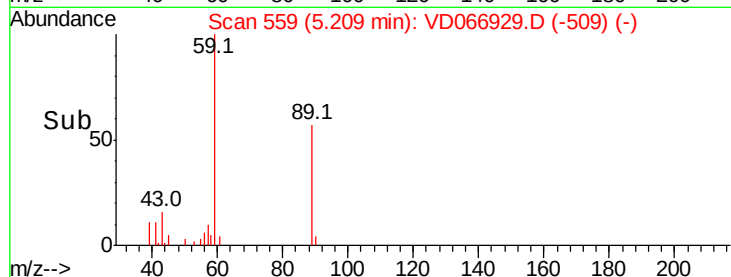
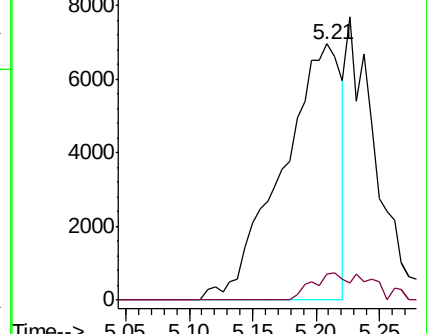
59 100

57 6.3 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 19.066 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

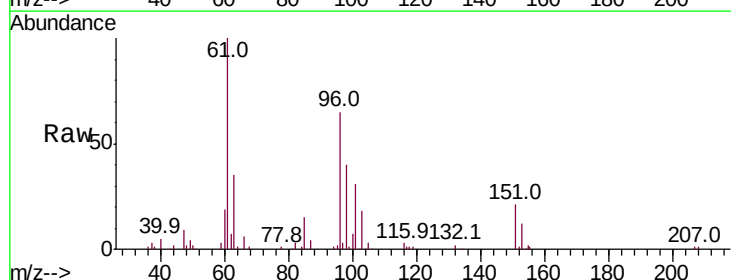
Tgt Ion: 96 Resp: 80765

Ion Ratio Lower Upper

96 100

61 152.9 120.8 181.2

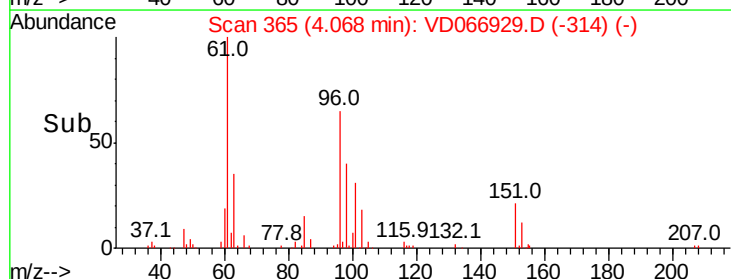
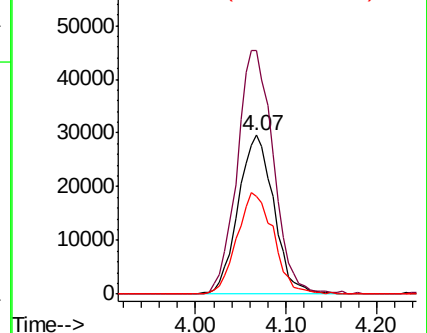
98 61.7 47.7 71.5

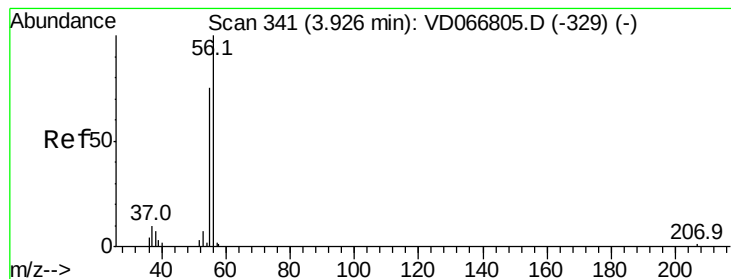


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 79.261 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

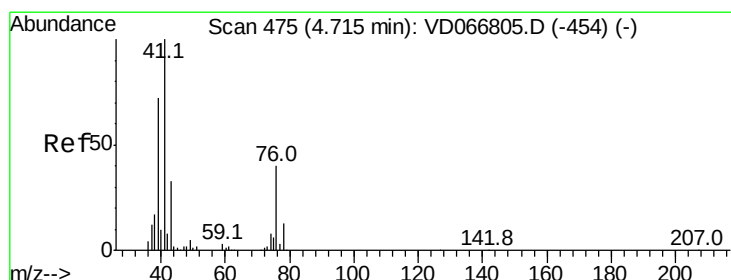
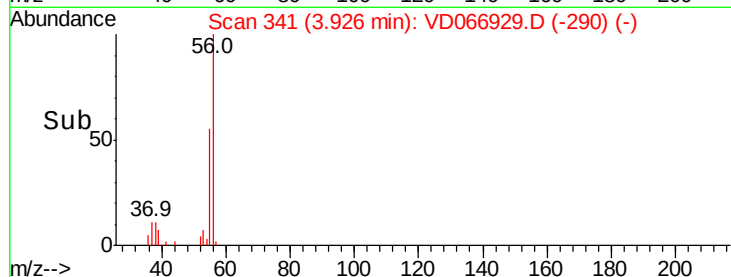
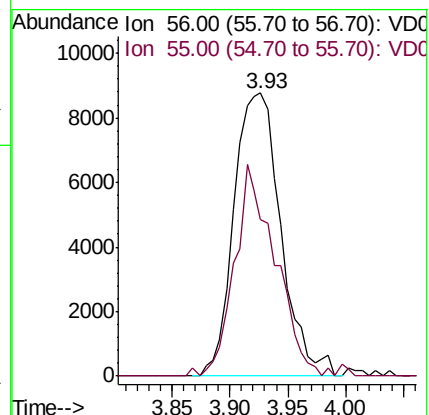
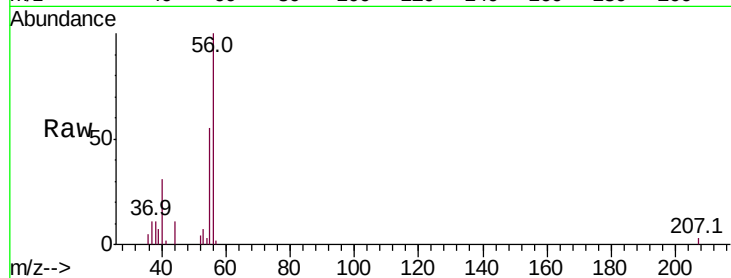
VD0929SBS01

Tot Ion: 56 Resp: 24756

Ion Ratio Lower Upper

56 100

55 64.7 60.3 90.5



#14

Allyl chloride

Concen: 17.555 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

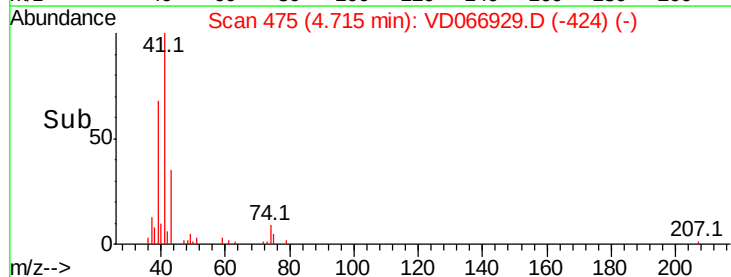
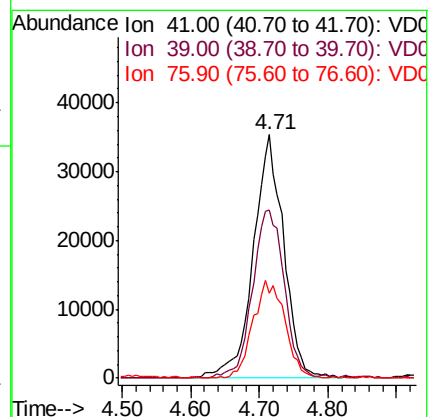
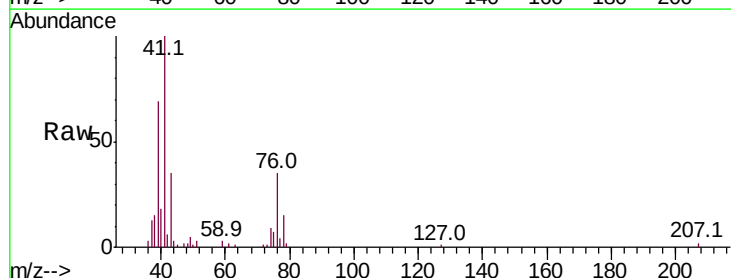
Tgt Ion: 41 Resp: 109194

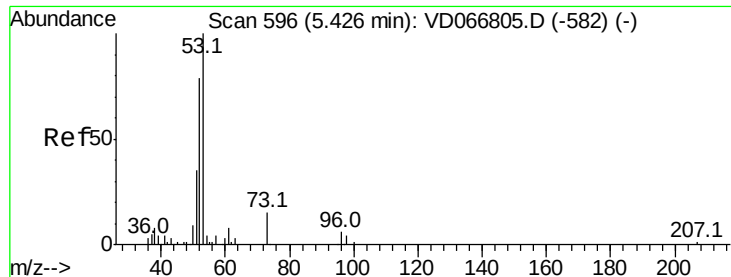
Ion Ratio Lower Upper

41 100

39 71.3 57.8 86.8

76 41.6 30.9 46.3





#15

Acrylonitrile

Concen: 94.335 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

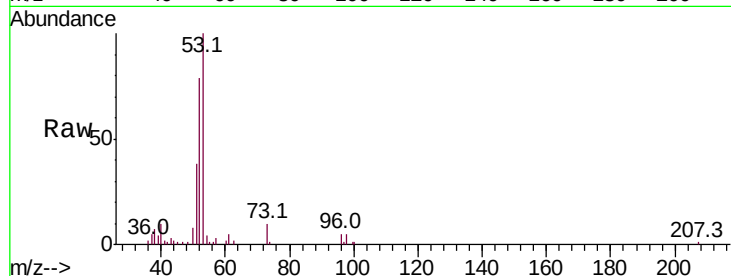
Tot Ion: 53 Resp: 85587

Ion Ratio Lower Upper

53 100

52 82.7 65.2 97.8

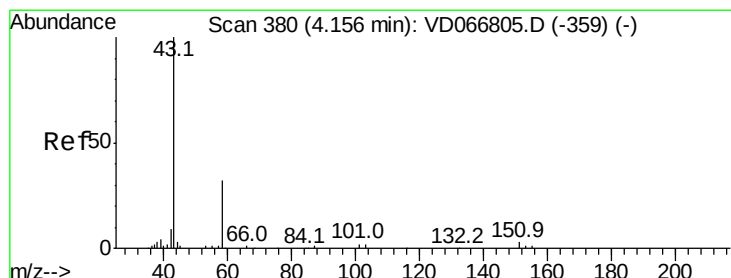
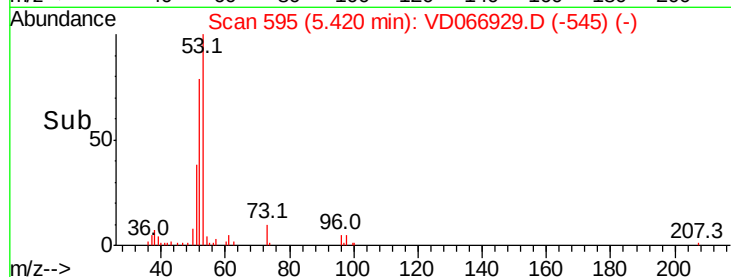
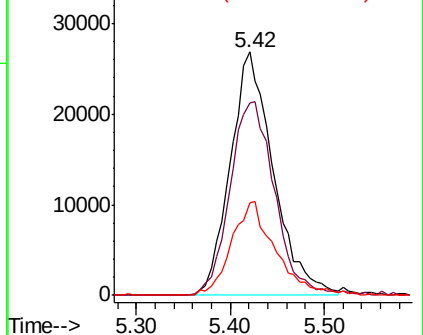
51 39.2 30.6 46.0



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: 78.610 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066929.D

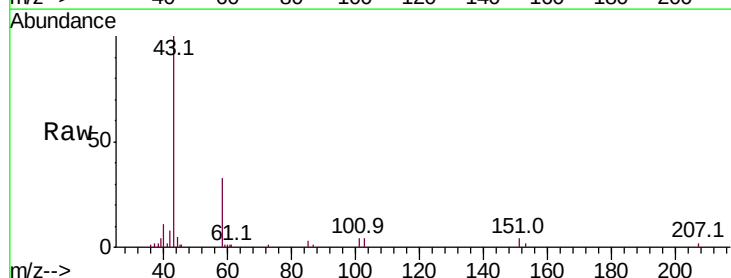
Acq: 29 Sep 2020 10:49

Tgt Ion: 43 Resp: 70605

Ion Ratio Lower Upper

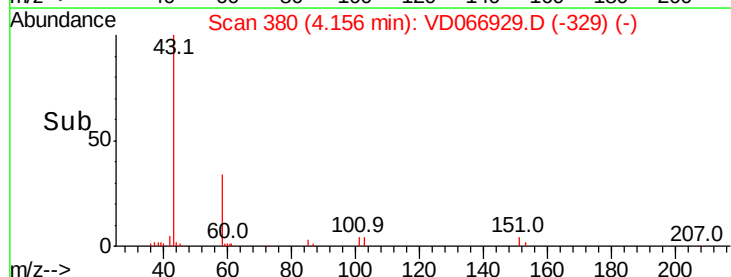
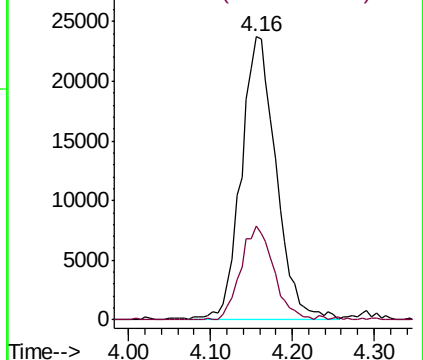
43 100

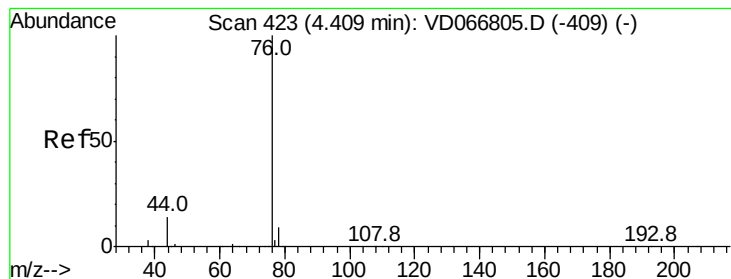
58 33.3 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 18.512 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

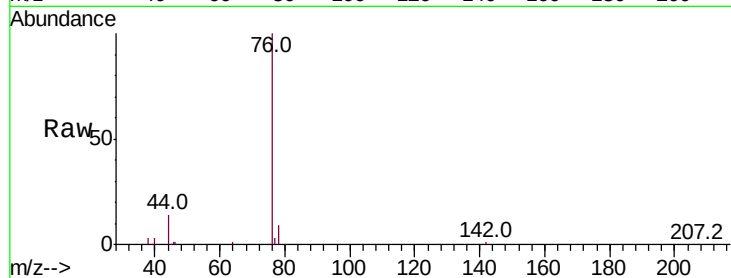
VD0929SBS01

Tot Ion: 76 Resp: 239744

Ion Ratio Lower Upper

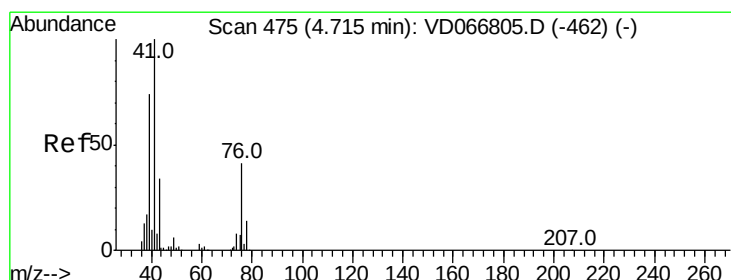
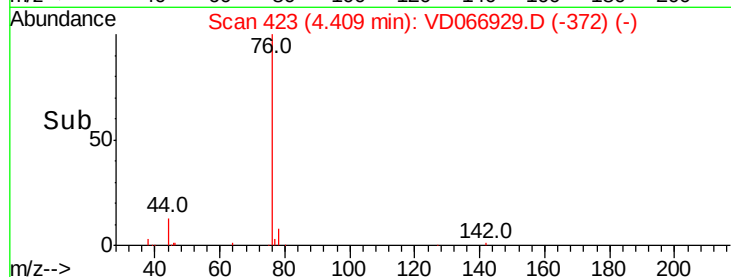
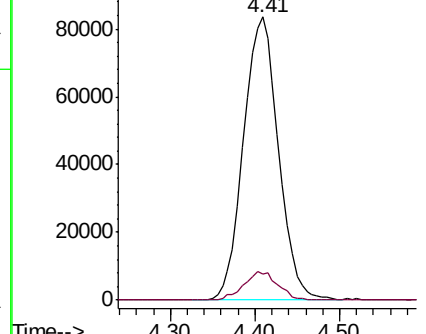
76 100

78 9.2 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 18.619 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066929.D

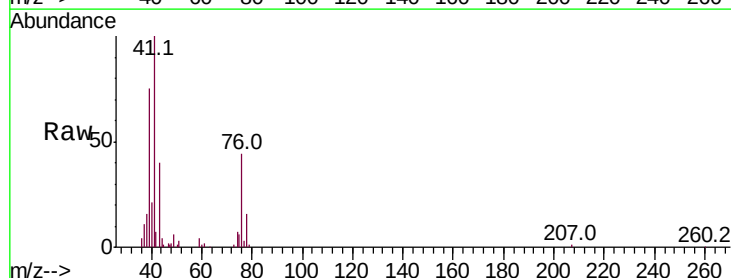
Acq: 29 Sep 2020 10:49

Tgt Ion: 43 Resp: 41878

Ion Ratio Lower Upper

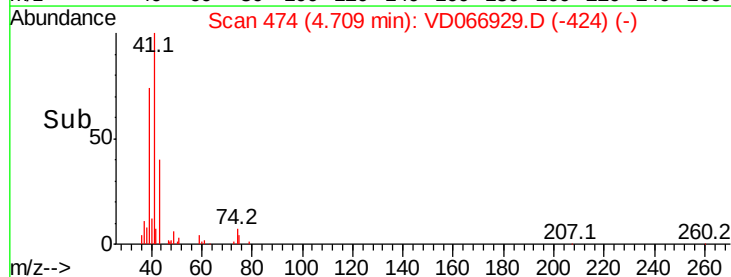
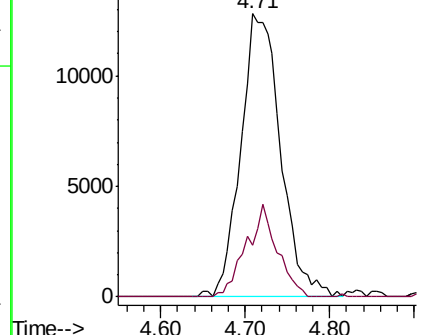
43 100

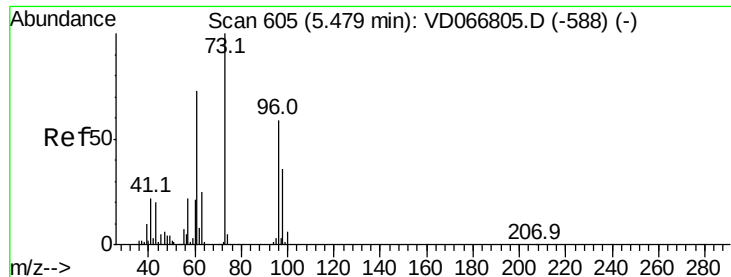
74 25.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



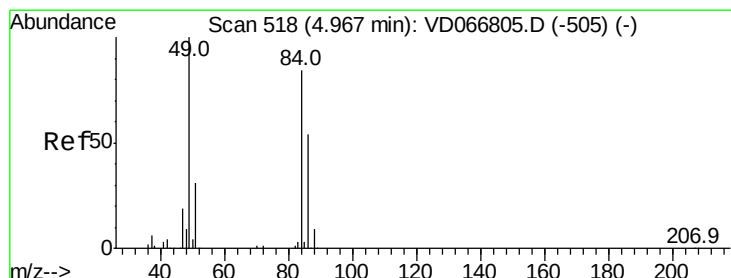
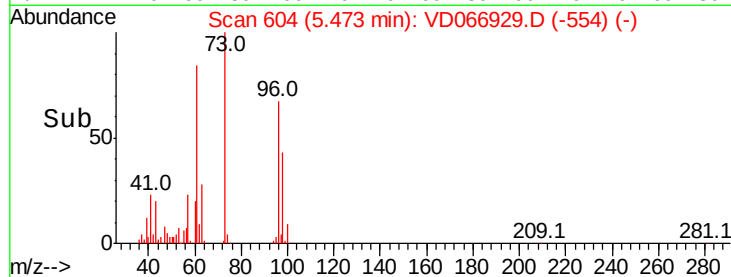
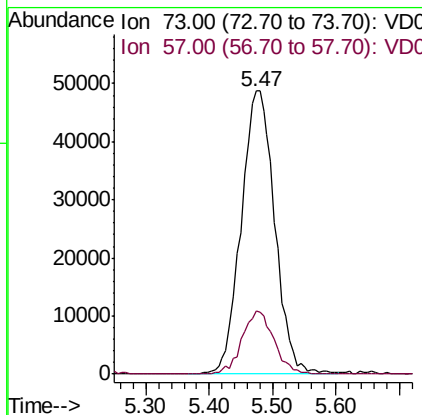
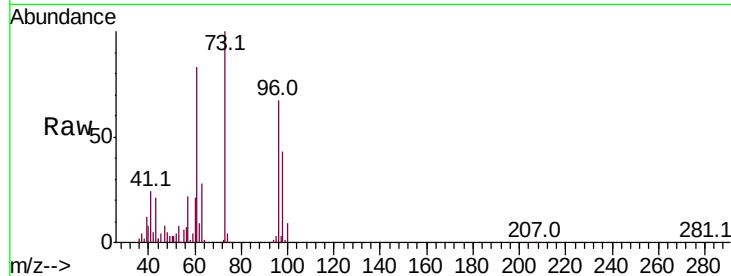


#19

Methyl tert-butyl Ether
 Concen: 19.455 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0929SBS01

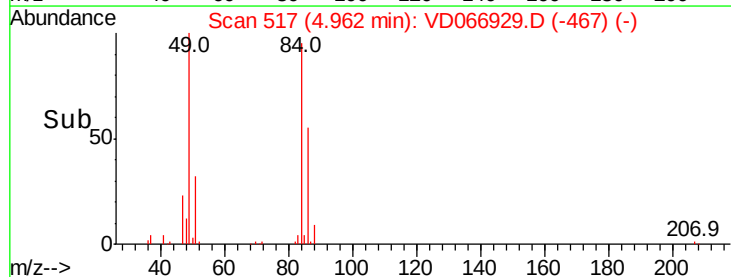
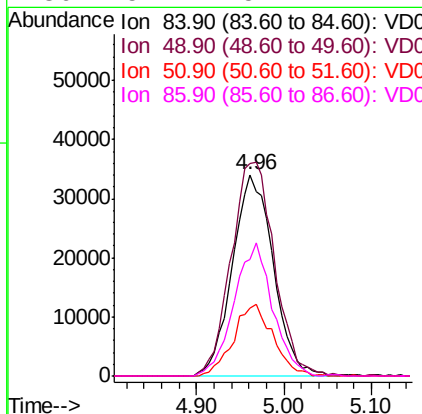
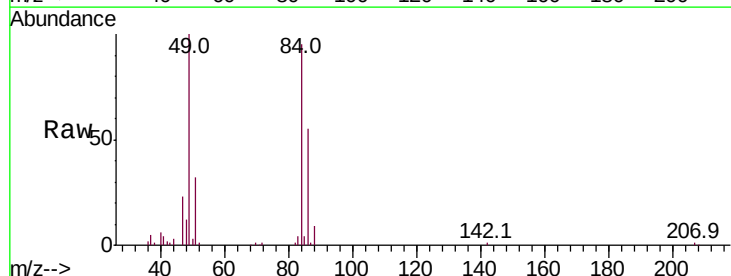
Tot Ion: 73 Resp: 178968
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.4 26.2

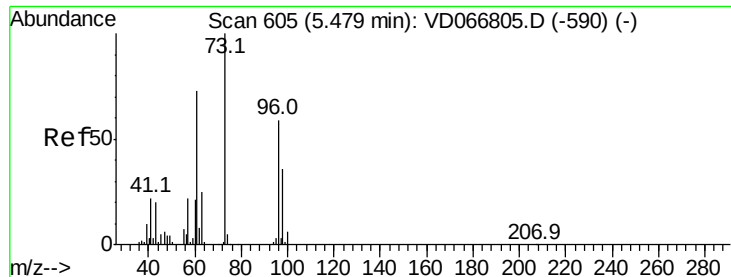


#20

Methylene Chloride
 Concen: 18.719 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion: 84 Resp: 108392
 Ion Ratio Lower Upper
 84 100
 49 105.3 95.4 143.2
 51 33.5 29.7 44.5
 86 57.7 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 19.736 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

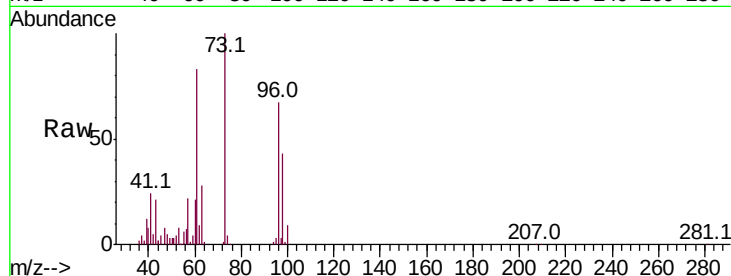
Tot Ion: 96 Resp: 96802

Ion Ratio Lower Upper

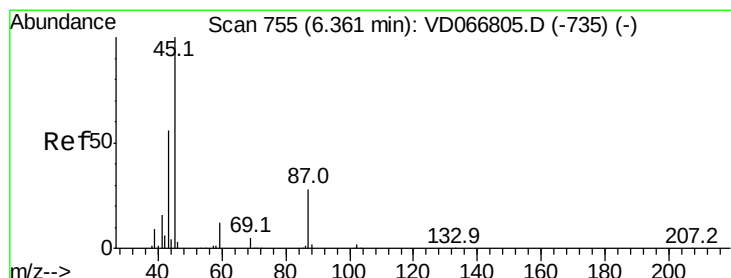
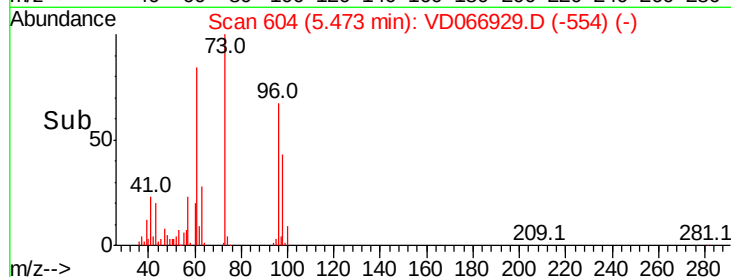
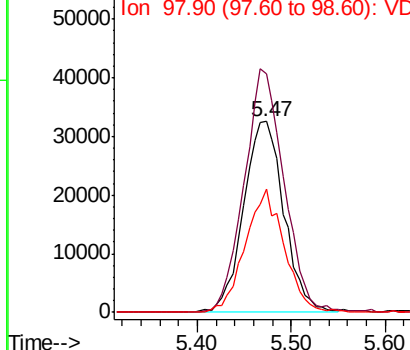
96 100

61 124.5 98.9 148.3

98 64.5 48.4 72.6



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



#22

Diisopropyl ether

Concen: 19.030 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tgt Ion: 45 Resp: 243373

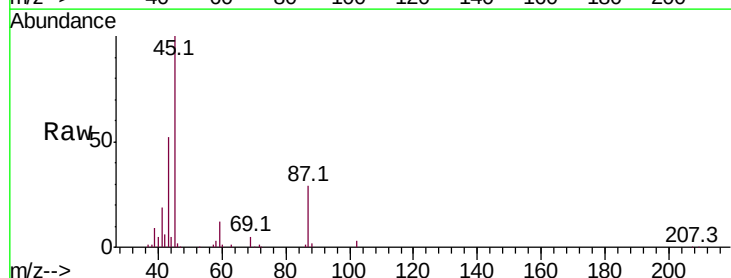
Ion Ratio Lower Upper

45 100

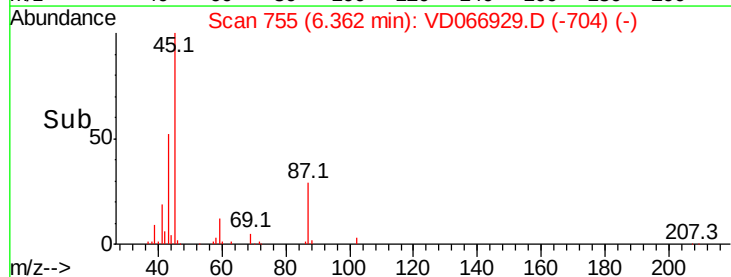
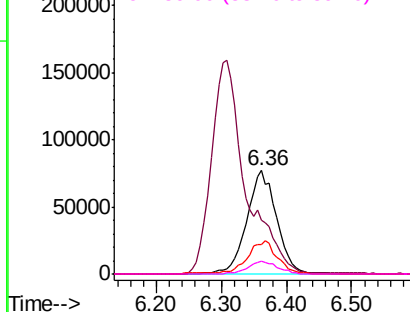
43 51.5 44.5 66.7

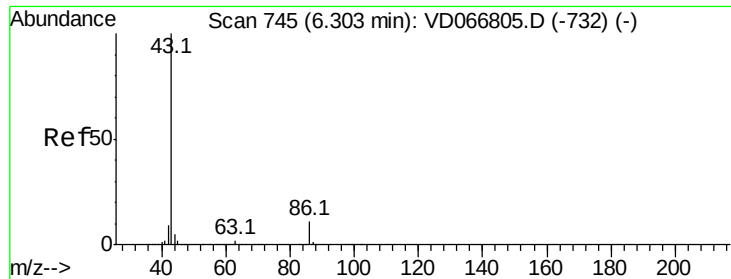
87 29.0 22.9 34.3

59 12.3 9.4 14.0



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





#23

Vinyl Acetate

Concen: 85.154 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

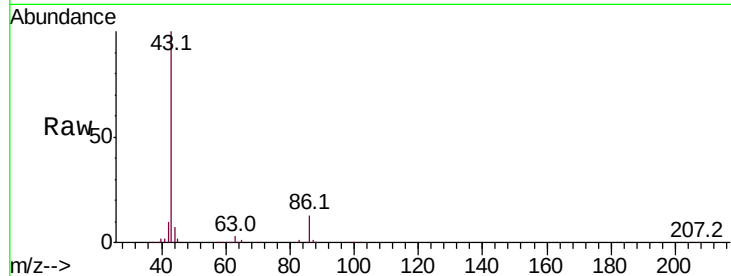
VD0929SBS01

Tot Ion: 43 Resp: 578909

Ion Ratio Lower Upper

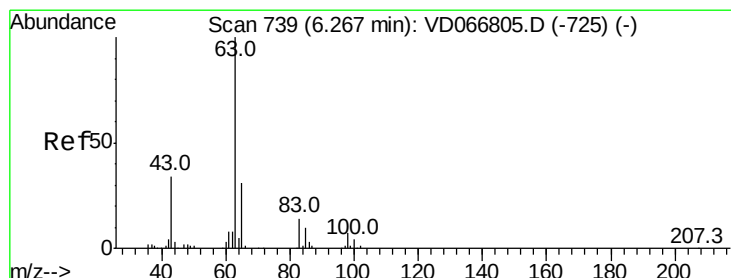
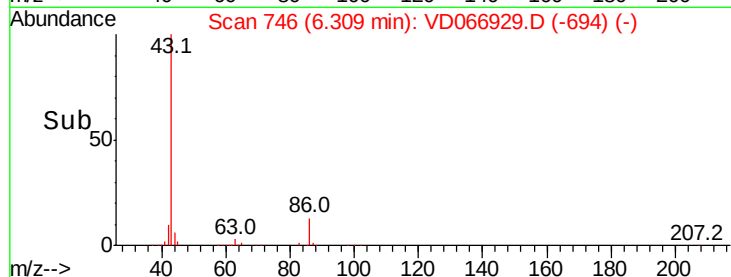
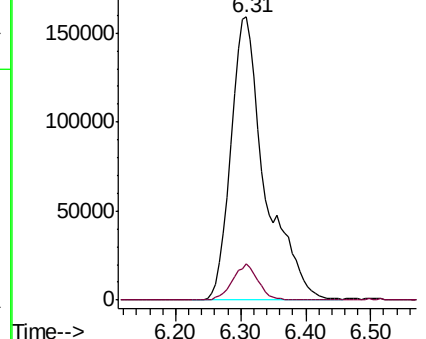
43 100

86 12.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 18.707 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

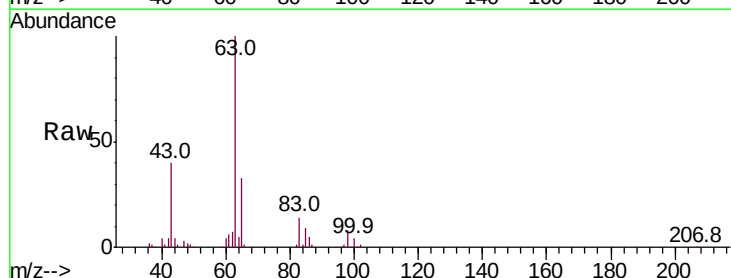
Tgt Ion: 63 Resp: 160049

Ion Ratio Lower Upper

63 100

98 8.0 3.7 11.1

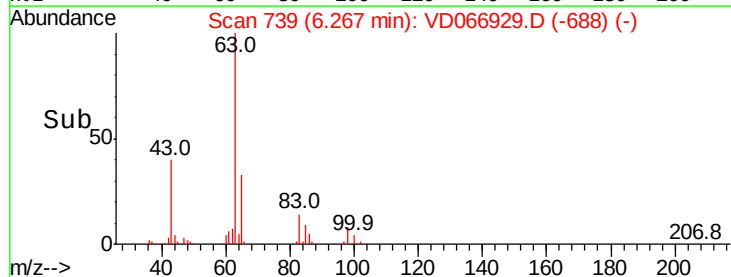
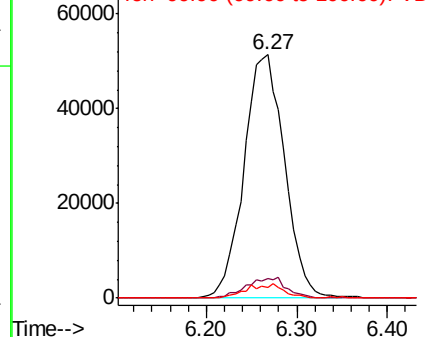
100 4.3 1.8 5.5

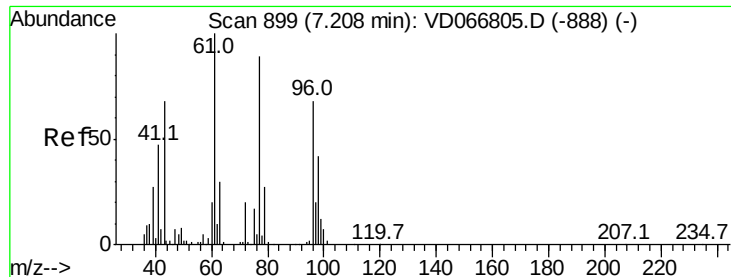


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 90.234 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

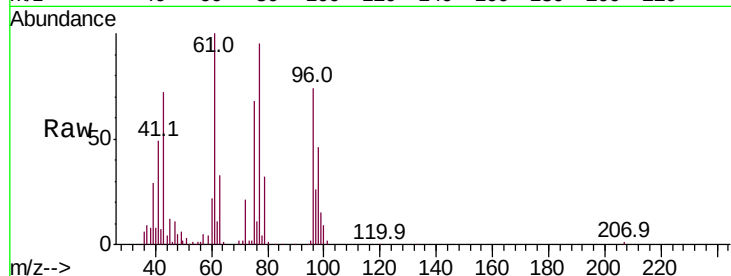
VD0929SBS01

Tot Ion: 43 Resp: 97394

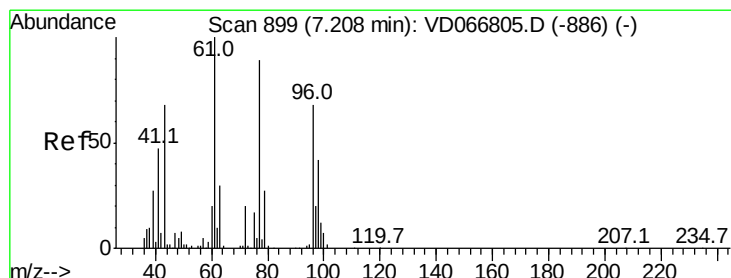
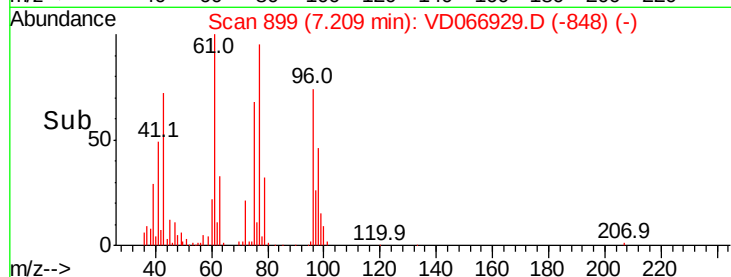
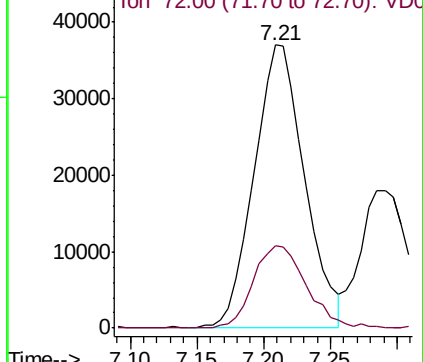
Ion Ratio Lower Upper

43 100

72 29.3 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC



#26

2,2-Dichloropropane

Concen: 18.935 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066929.D

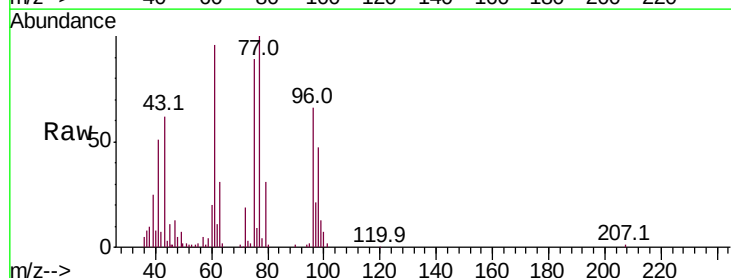
Acq: 29 Sep 2020 10:49

Tgt Ion: 77 Resp: 148483

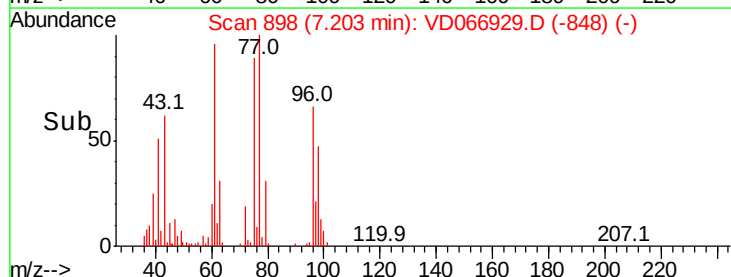
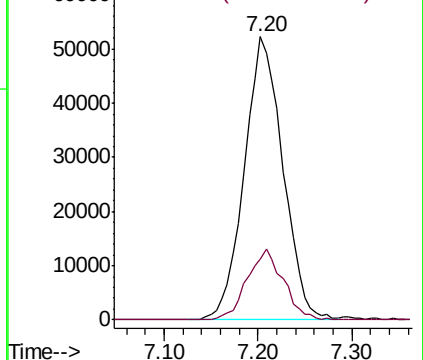
Ion Ratio Lower Upper

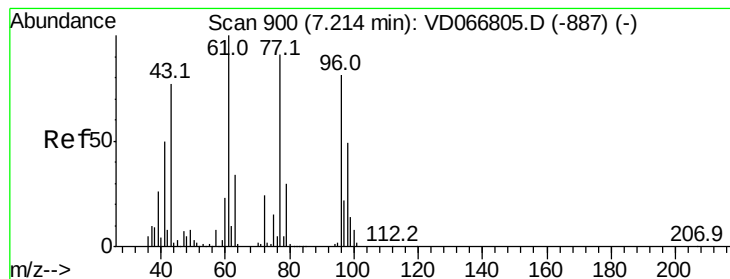
77 100

97 23.3 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 19.451 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

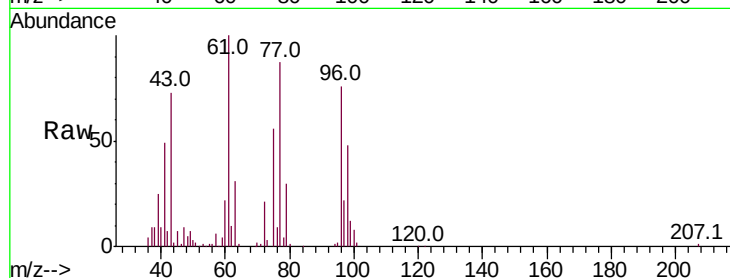
Tot Ion: 96 Resp: 103659

Ion Ratio Lower Upper

96 100

61 140.1 0.0 283.8

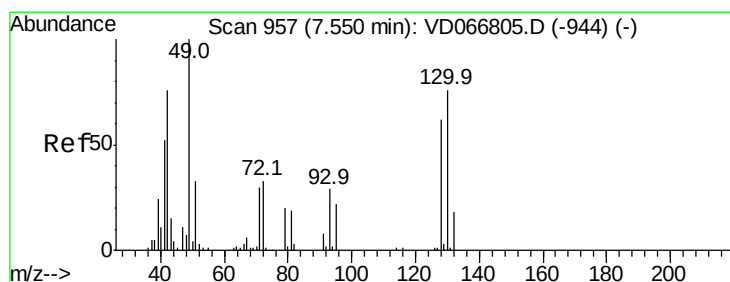
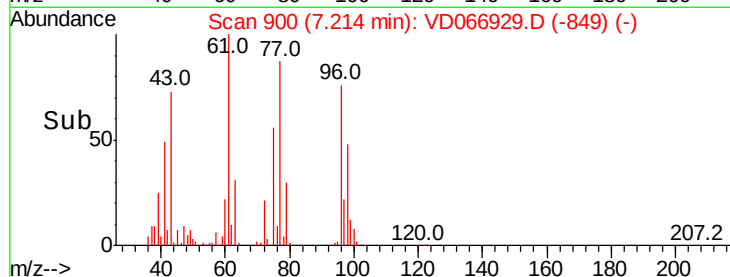
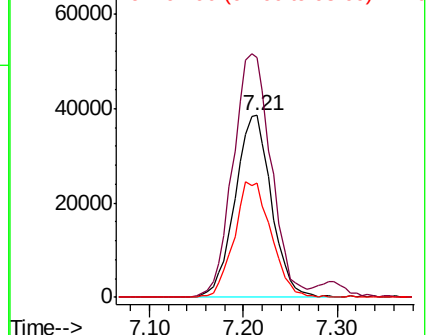
98 64.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 17.649 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

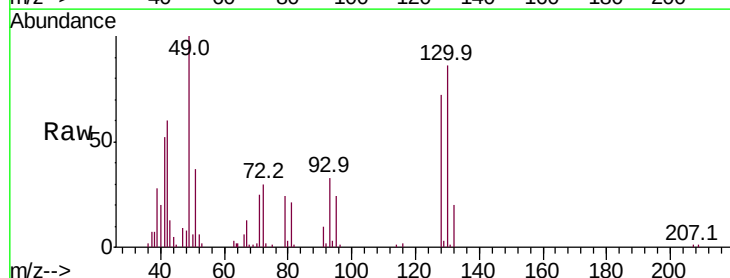
Tgt Ion: 49 Resp: 62381

Ion Ratio Lower Upper

49 100

129 1.3 0.0 2.0

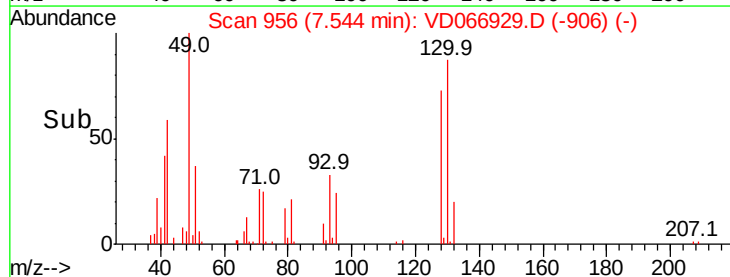
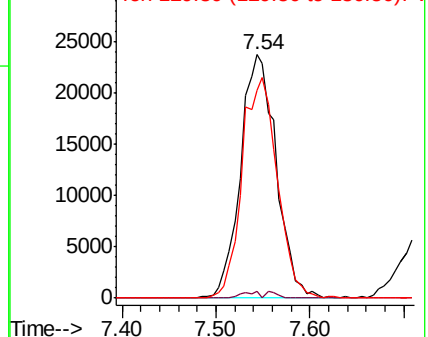
130 0.0 65.9 98.9#

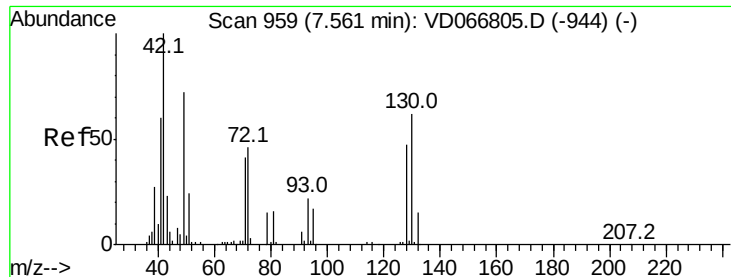


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 97.168 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

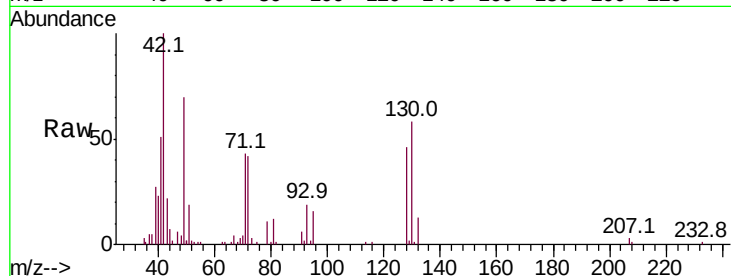
Tot Ion: 42 Resp: 67201

Ion Ratio Lower Upper

42 100

72 47.0 36.2 54.4

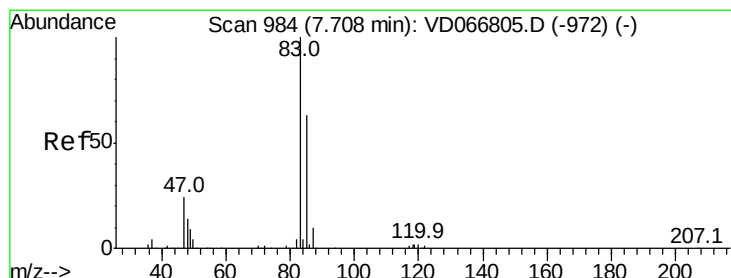
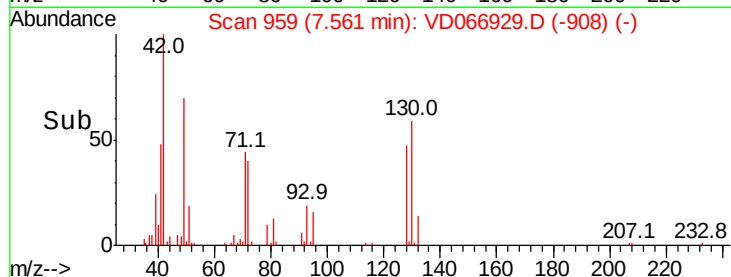
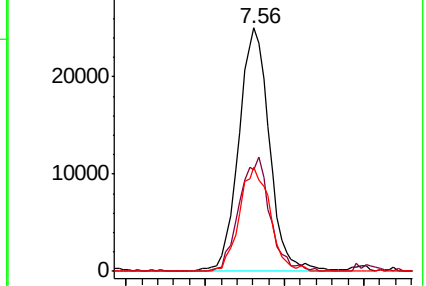
71 42.6 32.4 48.6



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 19.279 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066929.D

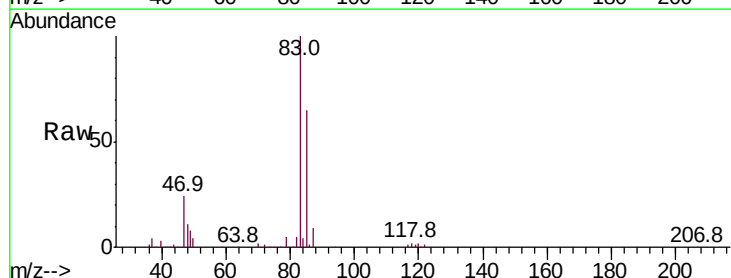
Acq: 29 Sep 2020 10:49

Tgt Ion: 83 Resp: 177807

Ion Ratio Lower Upper

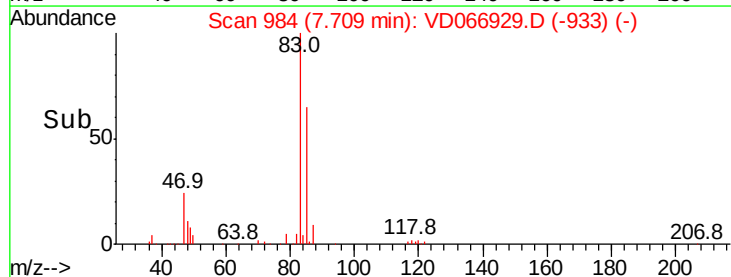
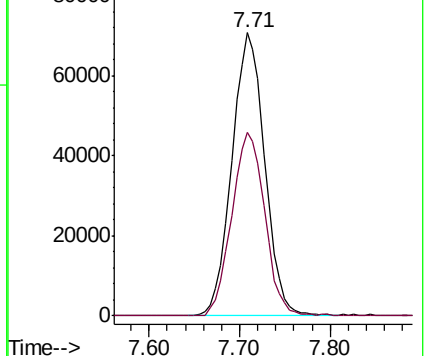
83 100

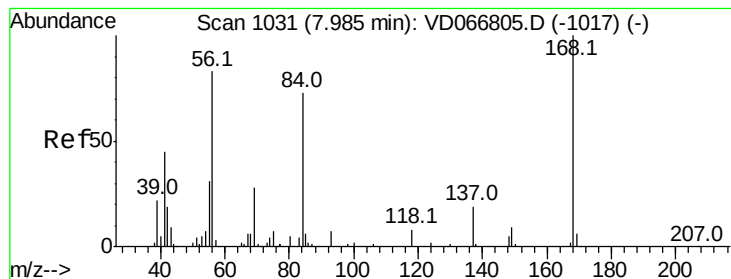
85 65.0 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 17.967 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

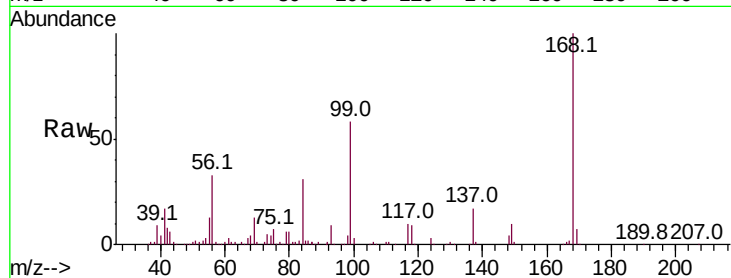
MSVOA_D

ClientSampleID :

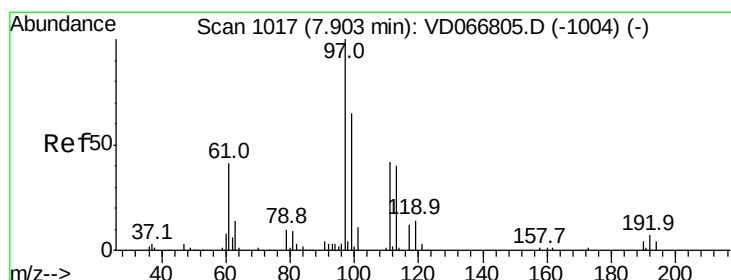
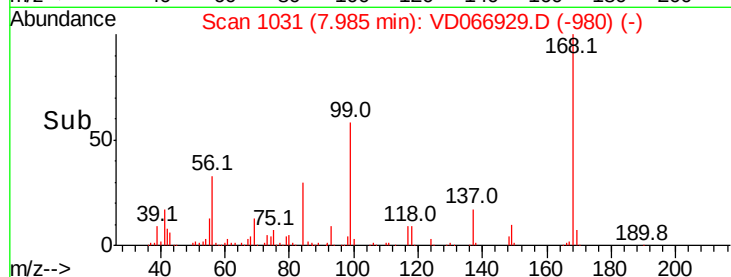
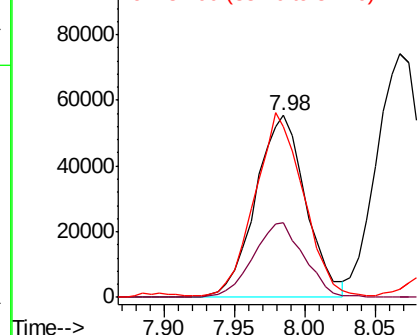
VD0929SBS01

Tot Ion: 56 Resp: 138317

Ion	Ratio	Lower	Upper
56	100		
69	40.8	27.0	40.4#
84	92.3	70.2	105.4



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



#32

1,1,1-Trichloroethane

Concen: 18.866 ug/l

RT: 7.90 min Scan# 1017

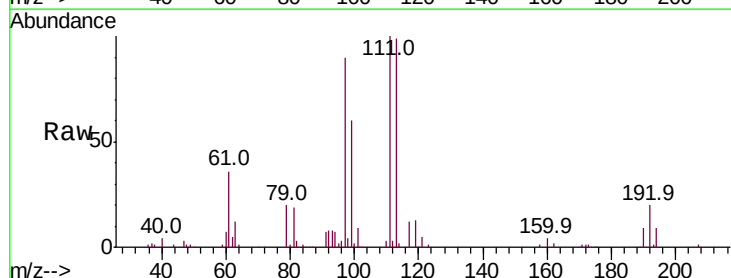
Delta R.T. 0.00 min

Lab File: VD066929.D

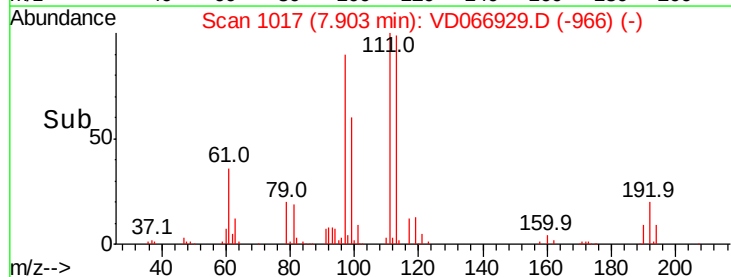
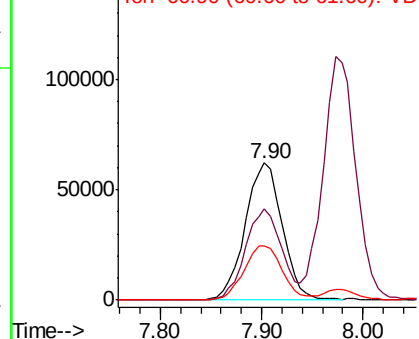
Acq: 29 Sep 2020 10:49

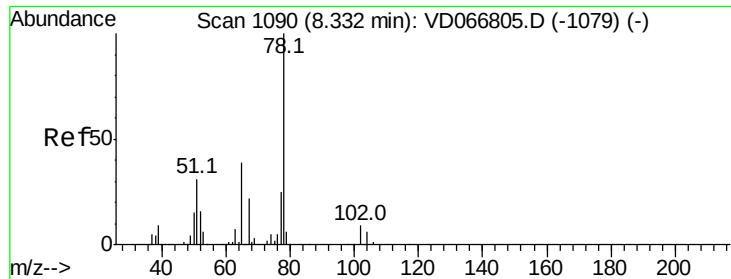
Tgt Ion: 97 Resp: 157397

Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.5	77.3
61	41.4	34.2	51.4



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

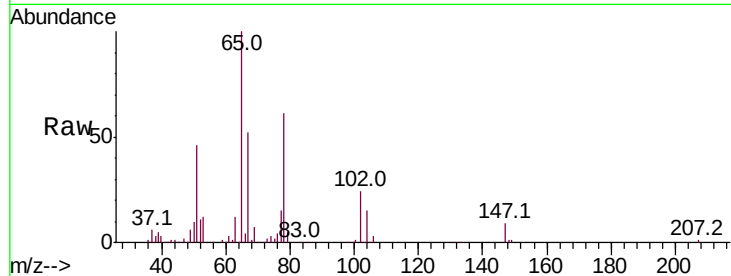




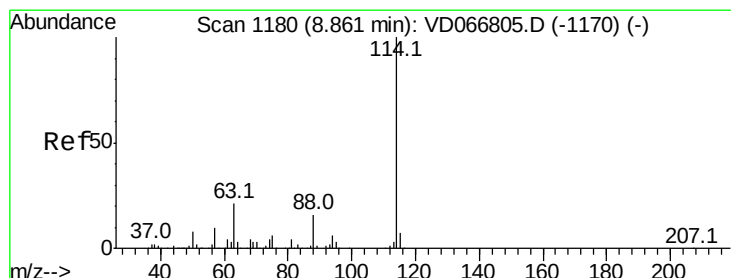
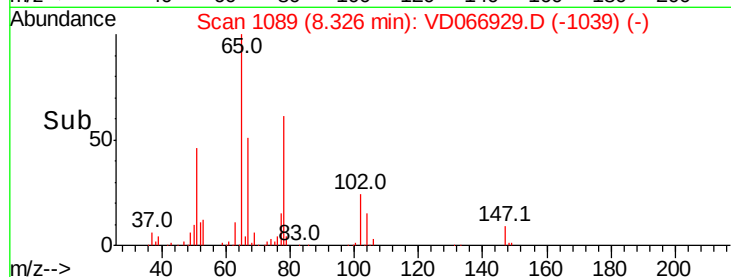
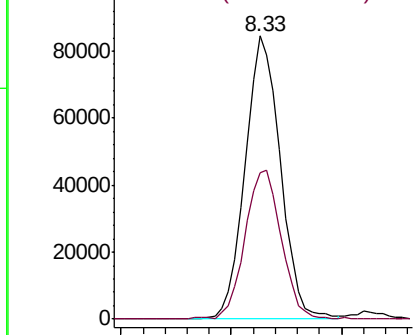
#33
 1,2-Dichloroethane-d4
 Concen: 44.786 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

Tot Ion: 65 Resp: 189622
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2

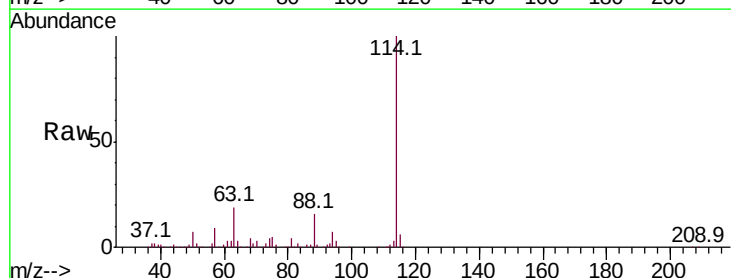


Abundance Ion 64.90 (64.60 to 65.60): VDC
 Ion 66.90 (66.60 to 67.60): VDC

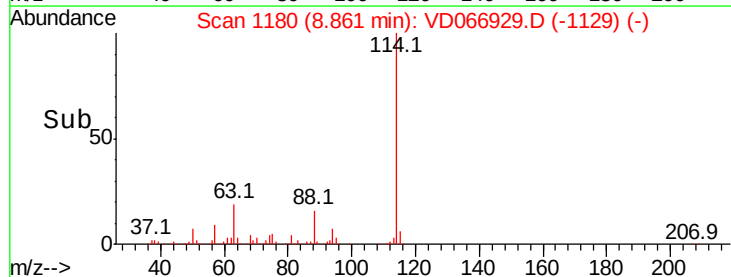
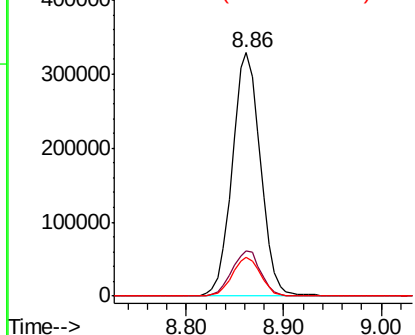


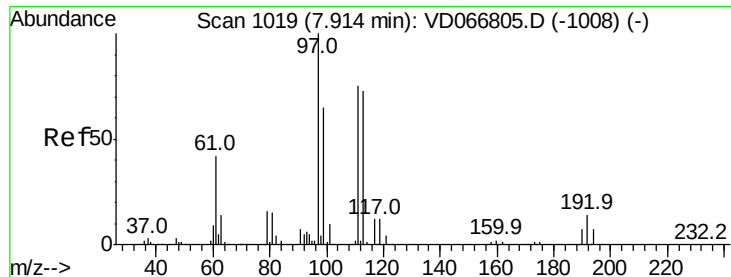
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion: 114 Resp: 661927
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.6
 88 16.2 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

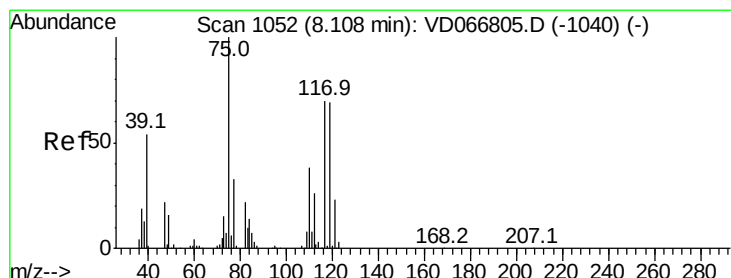
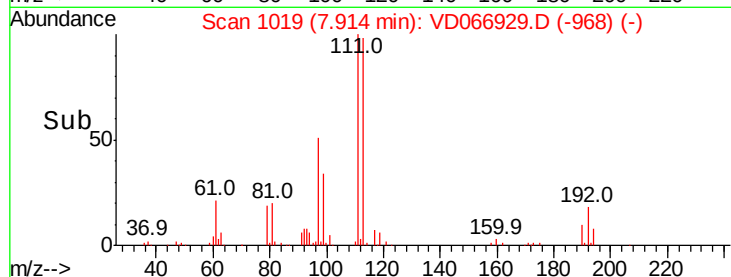
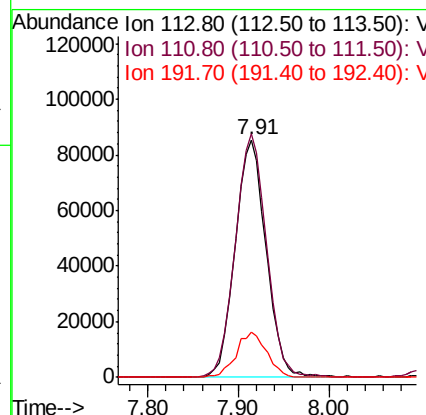
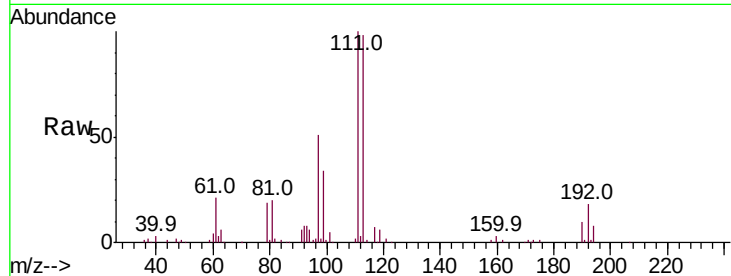




#35
 Dibromofluoromethane
 Concen: 48.226 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

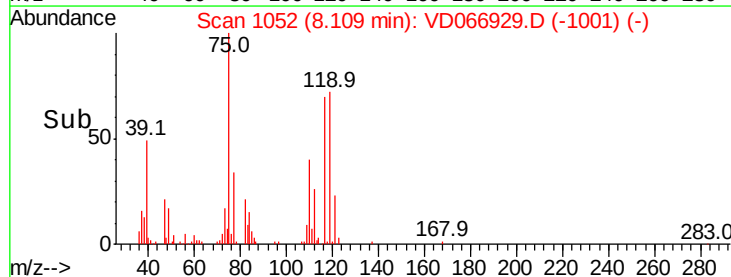
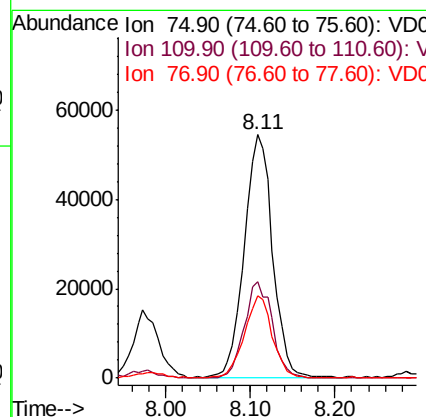
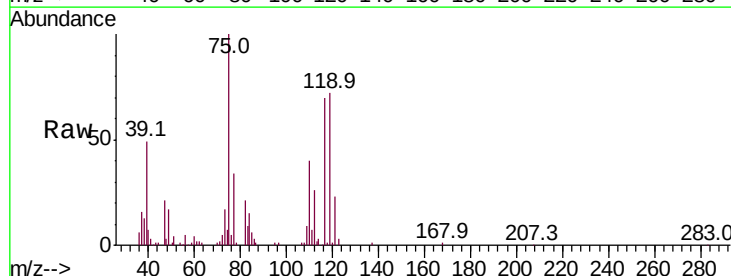
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

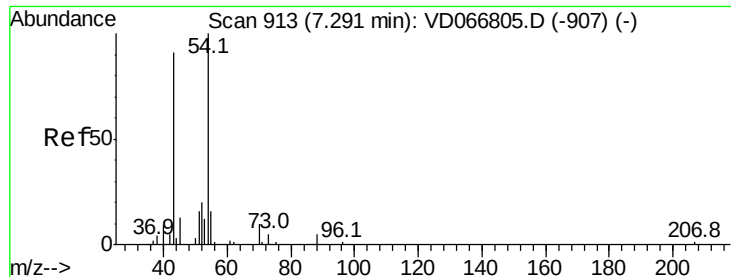
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	18.9	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 19.403 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	17.9	53.8
77	33.2	25.0	37.6

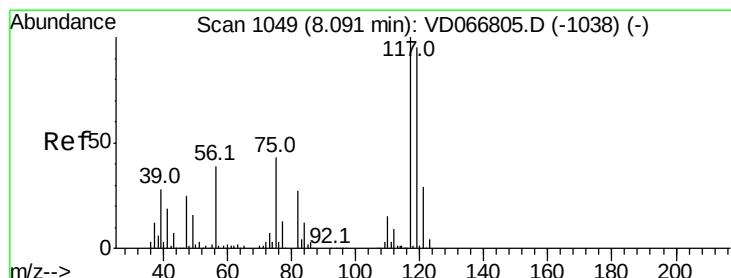
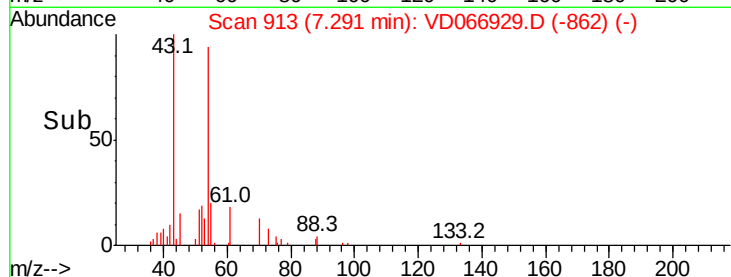
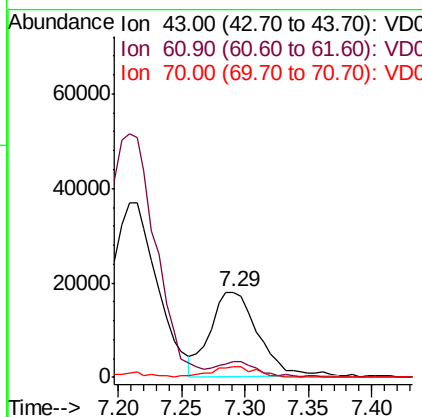
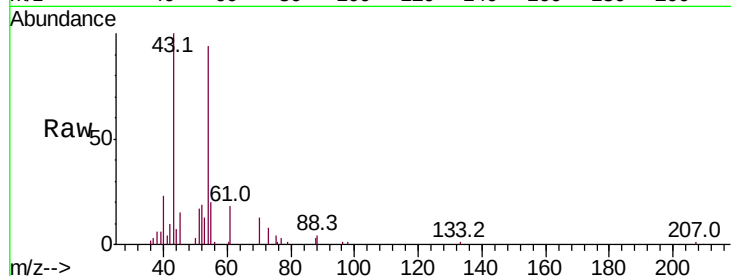




#37
Ethyl Acetate
Concen: 19.523 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

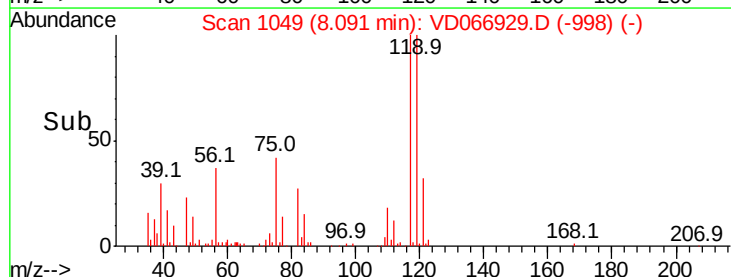
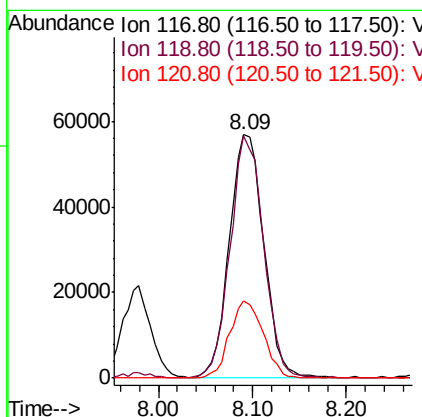
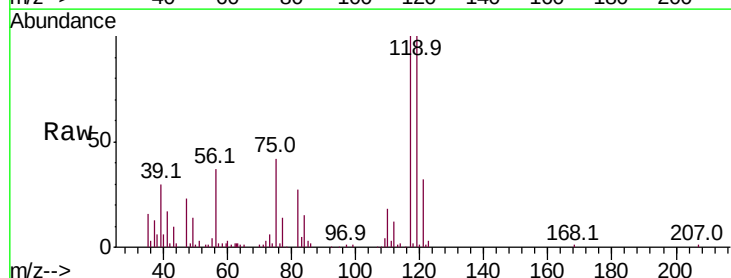
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

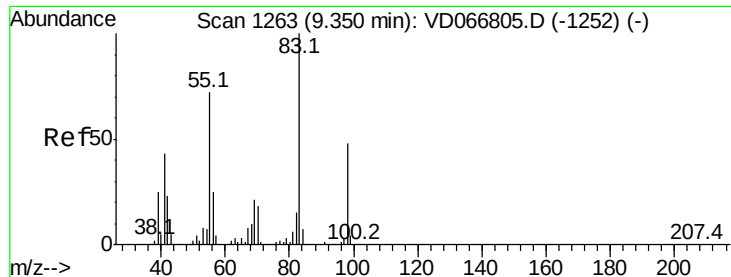
Tot Ion: 43 Resp: 46348
Ion Ratio Lower Upper
43 100
61 16.1 9.8 14.8#
70 12.3 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.219 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion: 117 Resp: 145162
Ion Ratio Lower Upper
117 100
119 99.8 75.8 113.8
121 31.5 23.4 35.0

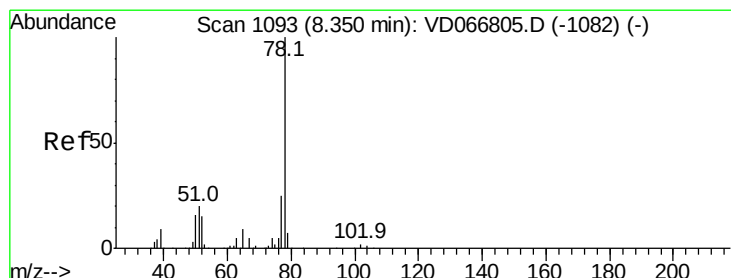
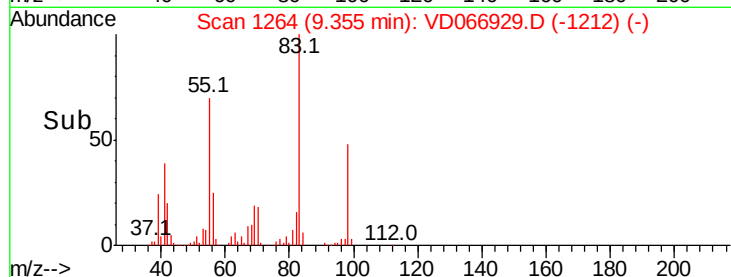
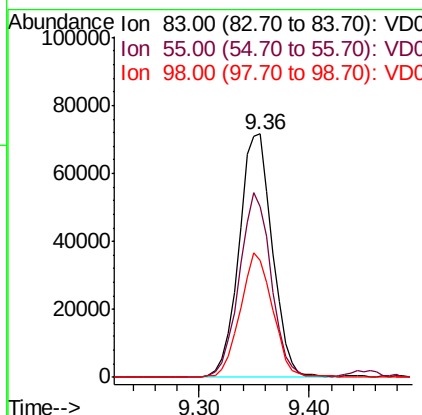
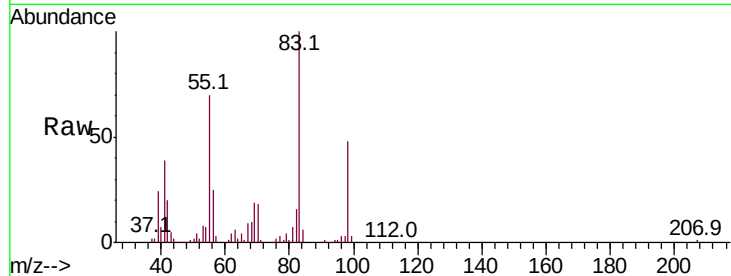




#39
Methylvlcyclohexane
Concen: 20.132 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

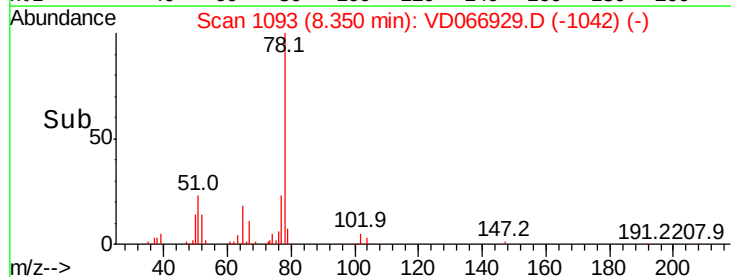
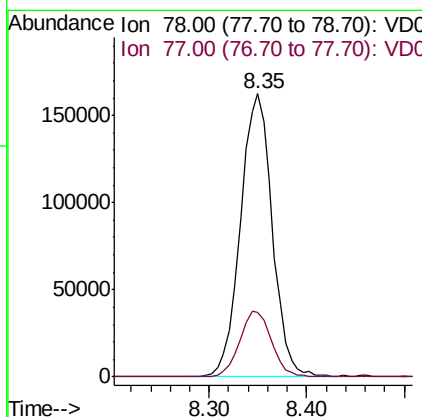
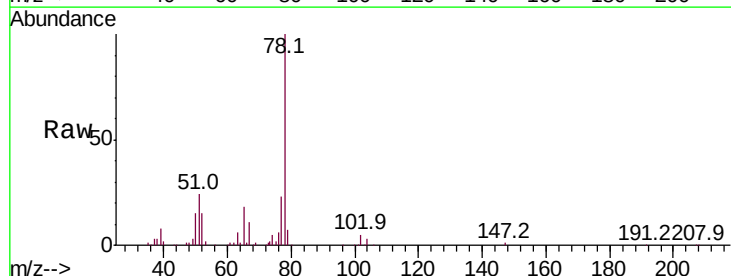
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

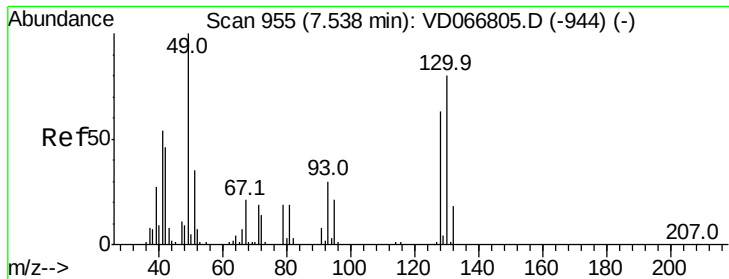
Tot Ion: 83 Resp: 151792
Ion Ratio Lower Upper
83 100
55 70.1 57.7 86.5
98 48.3 38.4 57.6



#40
Benzene
Concen: 20.228 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion: 78 Resp: 370199
Ion Ratio Lower Upper
78 100
77 22.9 19.9 29.9





#41

Methacrylonitrile

Concen: 19.215 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

Tot Ion: 41 Resp: 28052

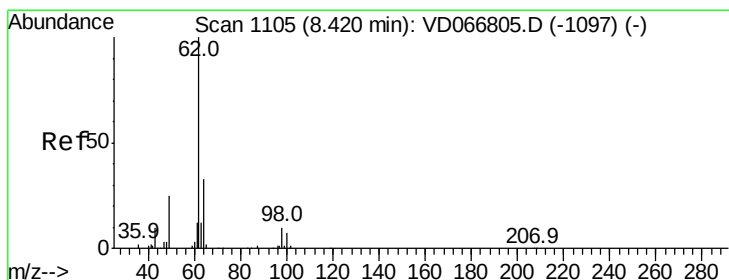
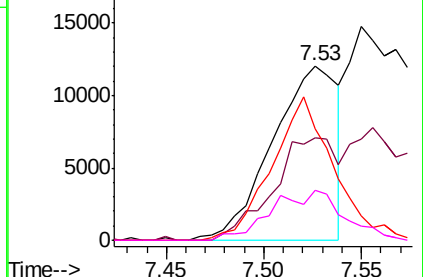
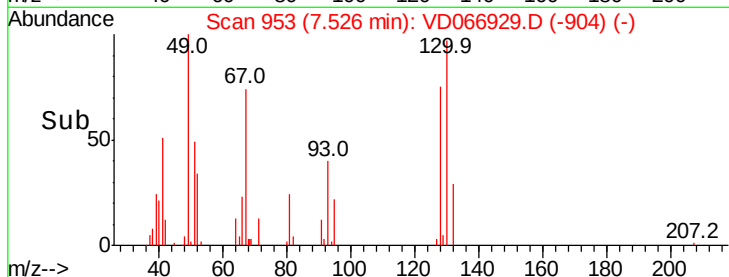
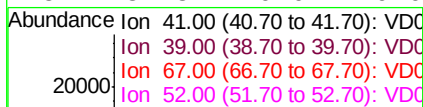
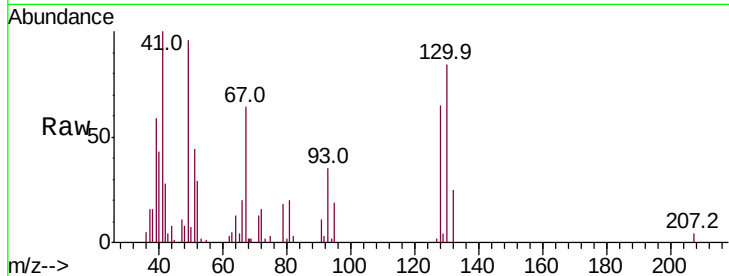
Ion Ratio Lower Upper

41 100

39 56.6 0.0 0.0#

67 77.5 0.0 0.0#

52 31.8 0.0 0.0#



#42

1,2-Dichloroethane

Concen: 19.371 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VD066929.D

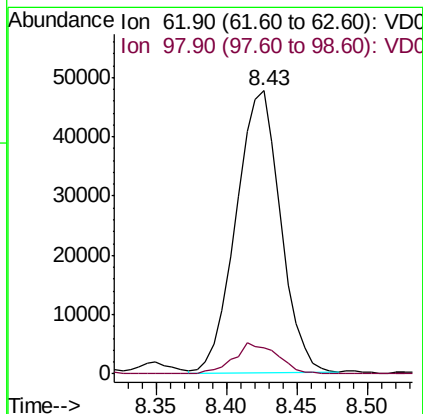
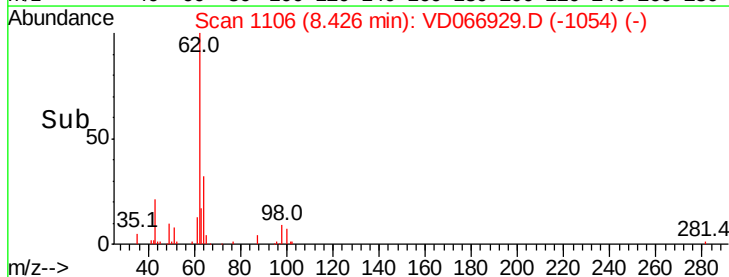
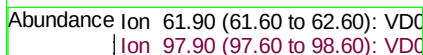
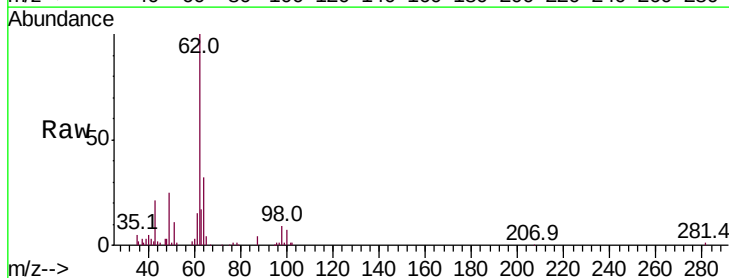
Acq: 29 Sep 2020 10:49

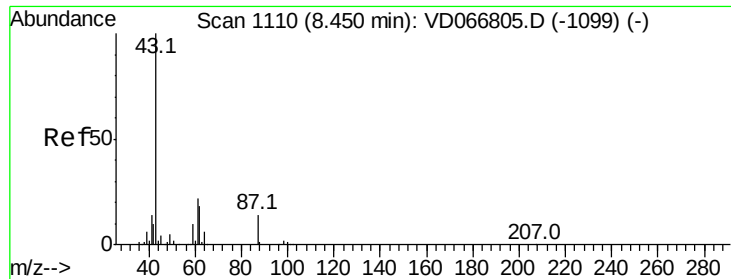
Tgt Ion: 62 Resp: 104806

Ion Ratio Lower Upper

62 100

98 11.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 20.083 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

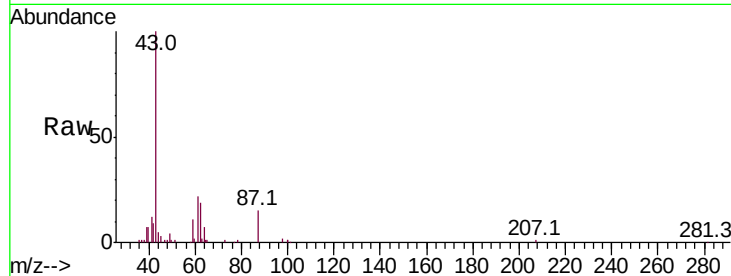
Tot Ion: 43 Resp: 91916

Ion Ratio Lower Upper

43 100

61 32.7 26.2 39.4

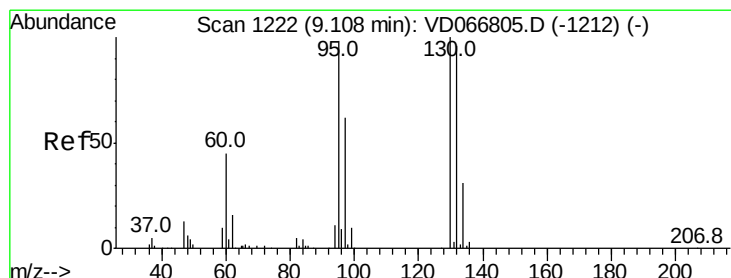
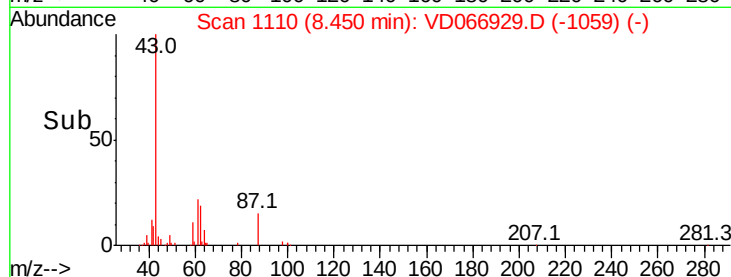
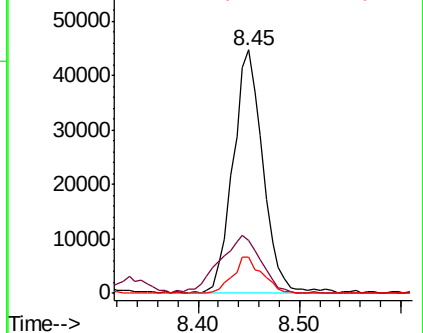
87 14.6 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.886 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066929.D

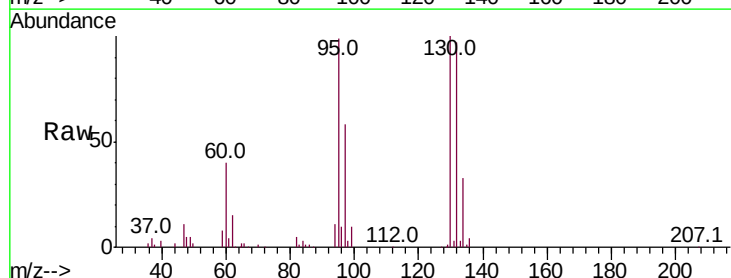
Acq: 29 Sep 2020 10:49

Tgt Ion:130 Resp: 108954

Ion Ratio Lower Upper

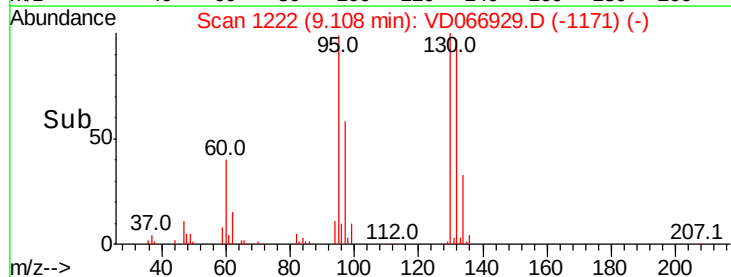
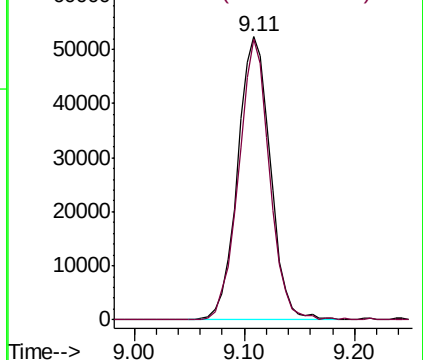
130 100

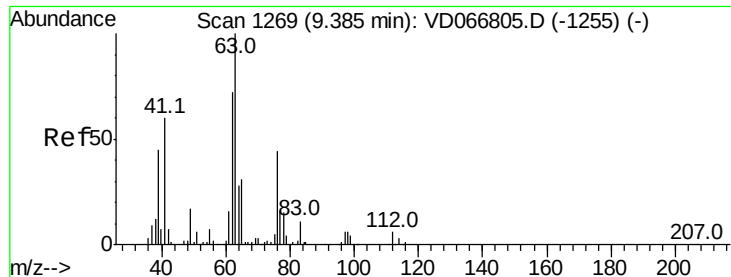
95 99.2 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.634 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

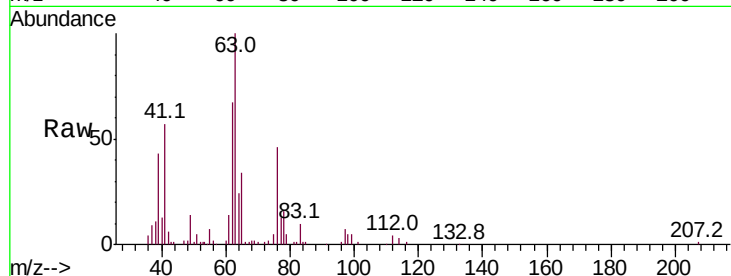
VD0929SBS01

Tot Ion: 63 Resp: 90408

Ion Ratio Lower Upper

63 100

65 33.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

50000

40000

30000

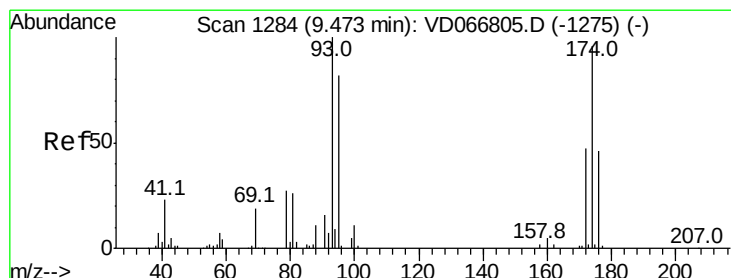
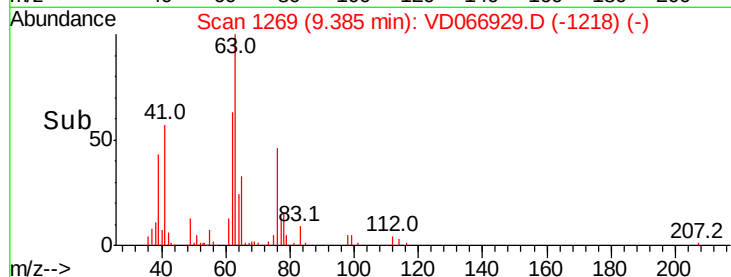
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 21.067 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

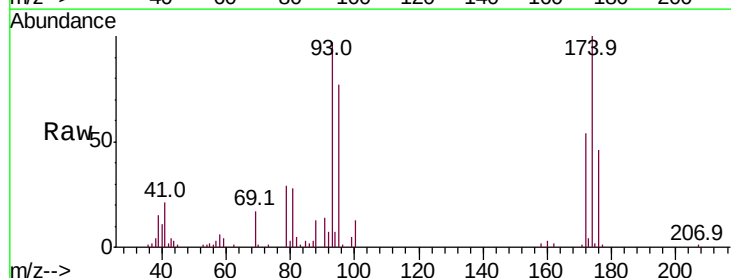
Tgt Ion: 93 Resp: 52707

Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

174 96.2 75.4 113.2



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

9.47

30000

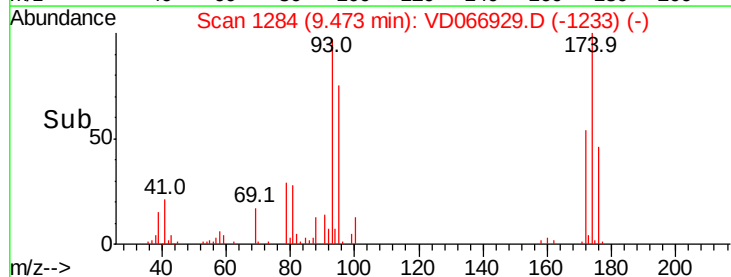
20000

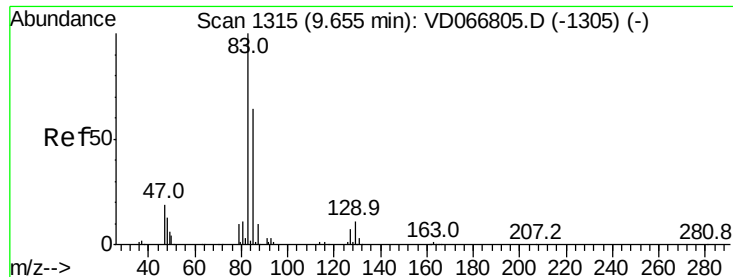
10000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 20.280 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

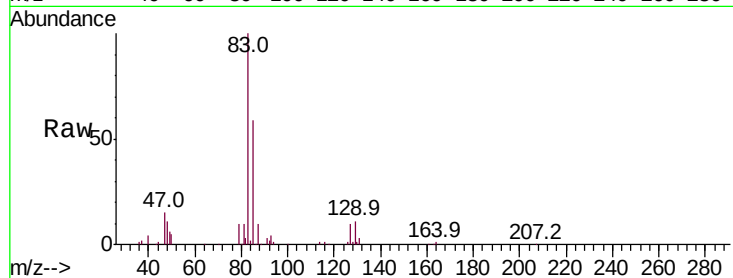
Tot Ion: 83 Resp: 136295

Ion Ratio Lower Upper

83 100

85 59.2 50.9 76.3

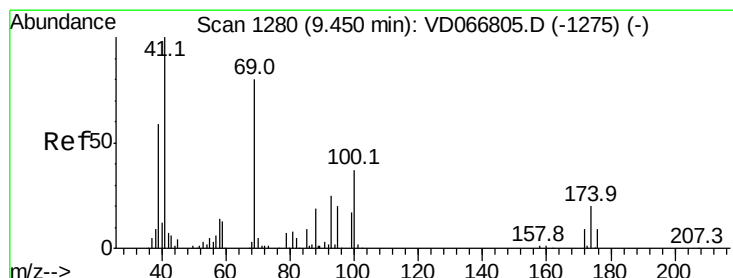
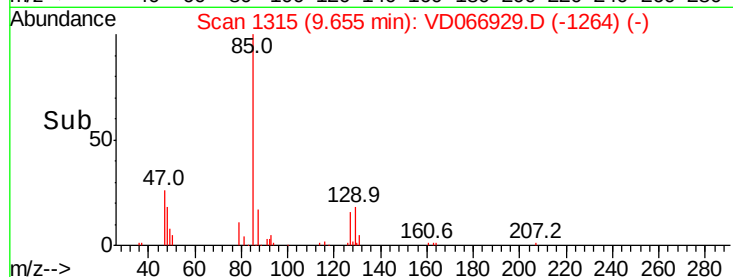
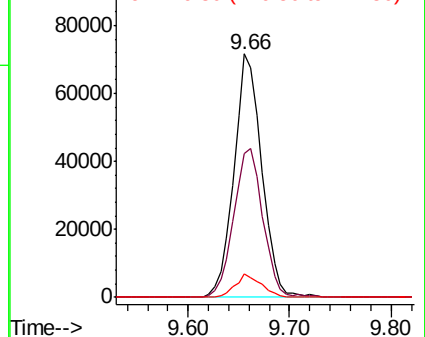
127 9.7 5.9 8.9#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 18.517 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

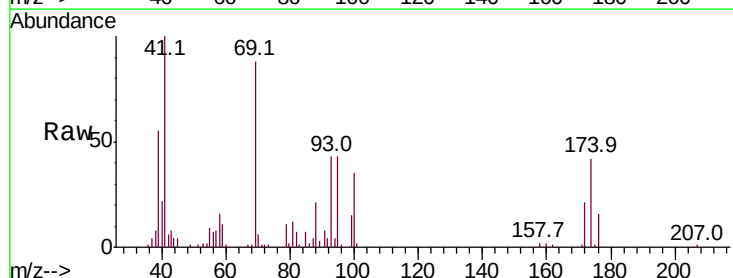
Tgt Ion: 41 Resp: 41786

Ion Ratio Lower Upper

41 100

69 100.7 74.5 111.7

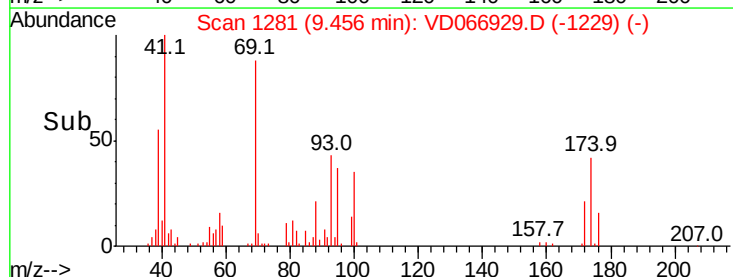
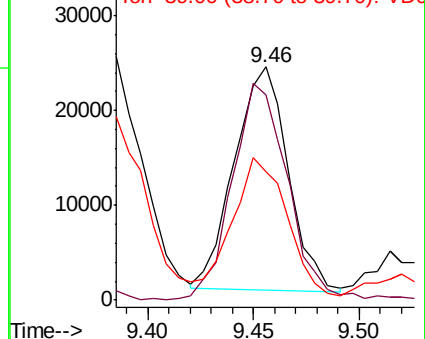
39 62.0 47.0 70.6

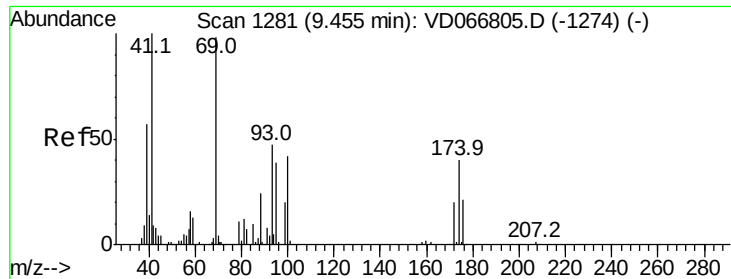


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 378.041 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

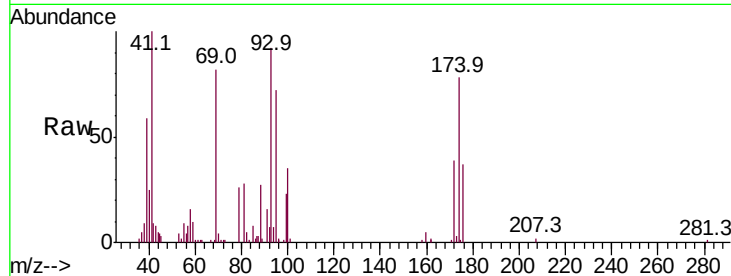
Tot Ion: 88 Resp: 12557

Ion Ratio Lower Upper

88 100

43 36.6 27.7 41.5

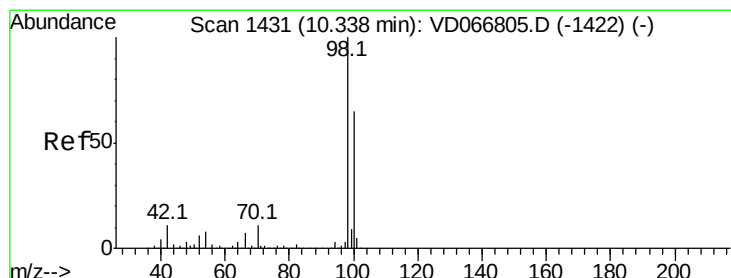
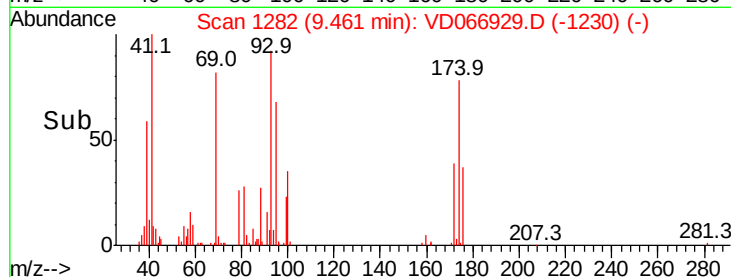
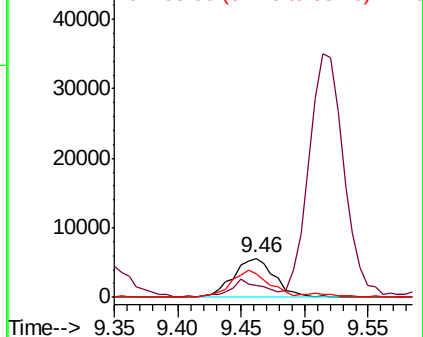
58 64.6 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 49.727 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066929.D

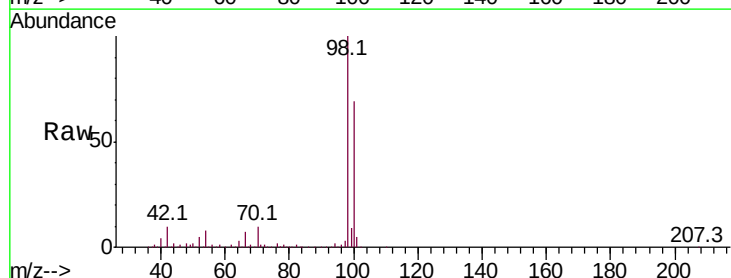
Acq: 29 Sep 2020 10:49

Tgt Ion: 98 Resp: 713501

Ion Ratio Lower Upper

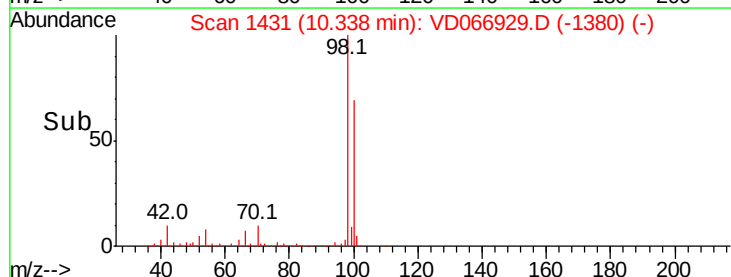
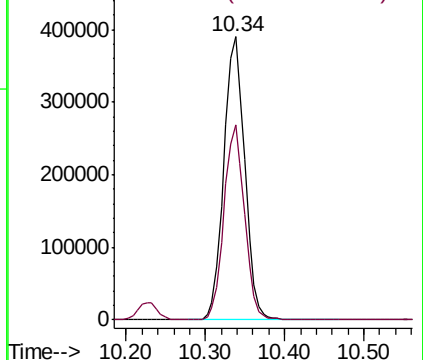
98 100

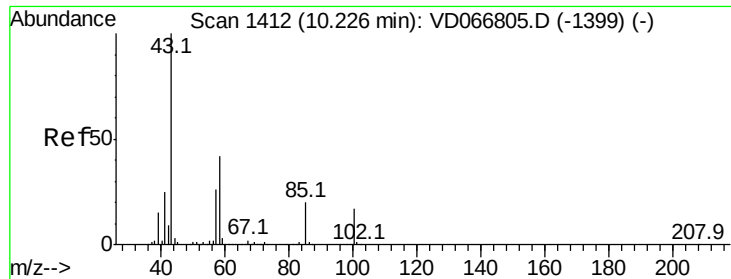
100 67.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

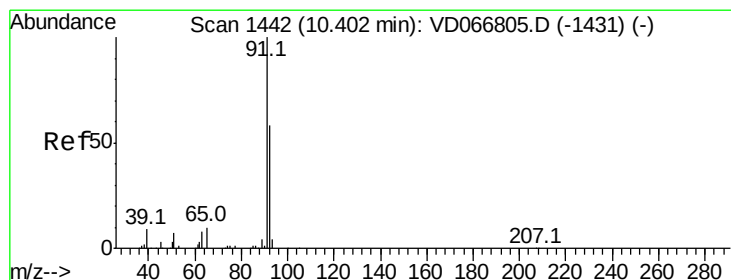
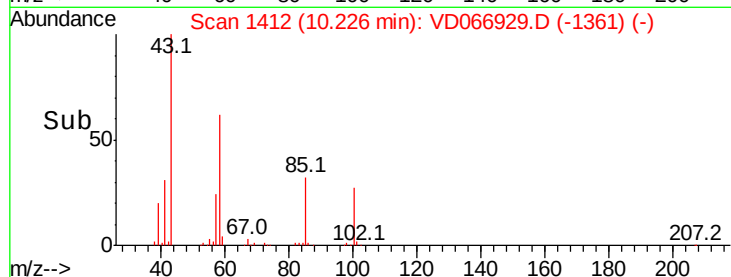
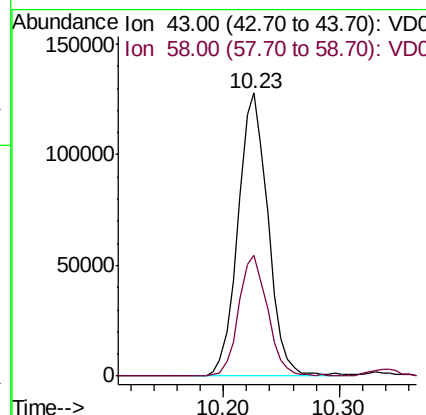
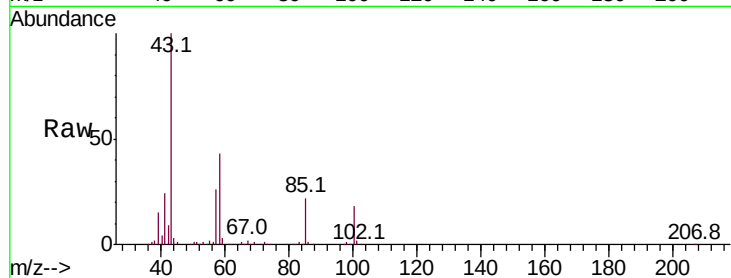




#51
4-Methyl-2-Pentanone
Concen: 99.314 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

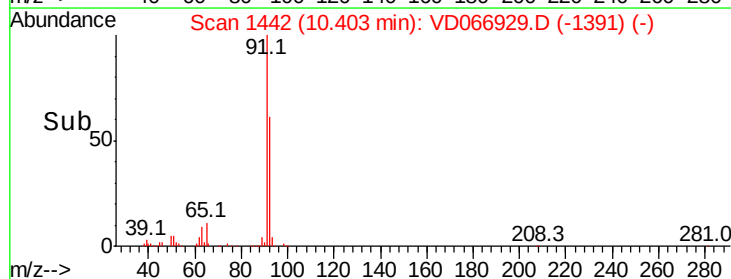
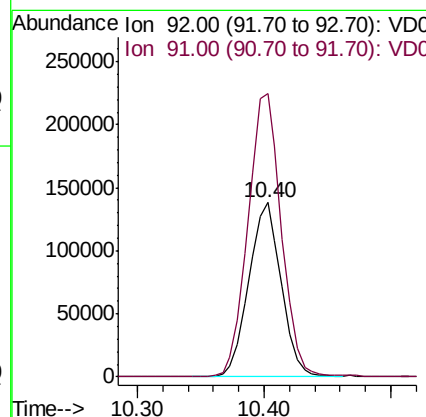
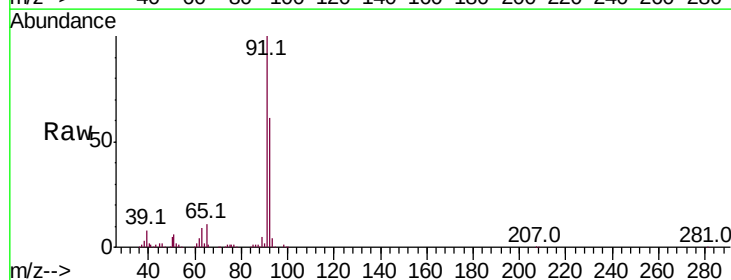
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

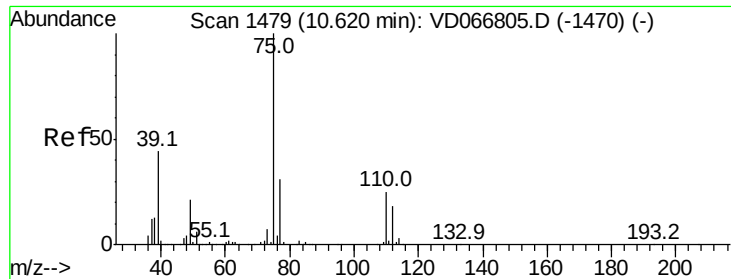
Tot Ion: 43 Resp: 230322
Ion Ratio Lower Upper
43 100
58 41.1 32.2 48.4



#52
Toluene
Concen: 20.831 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion: 92 Resp: 245577
Ion Ratio Lower Upper
92 100
91 167.6 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 21.022 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

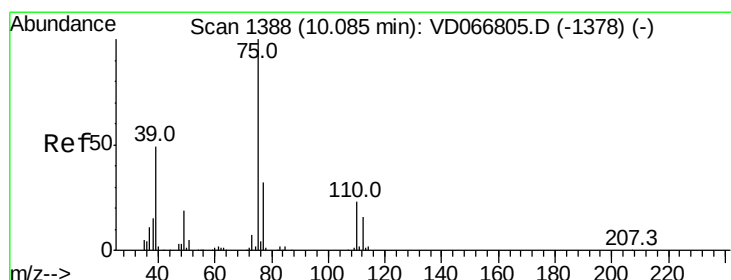
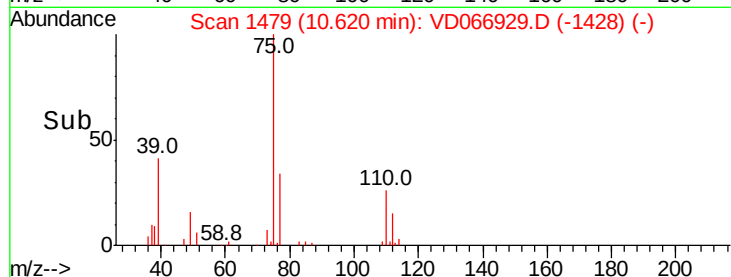
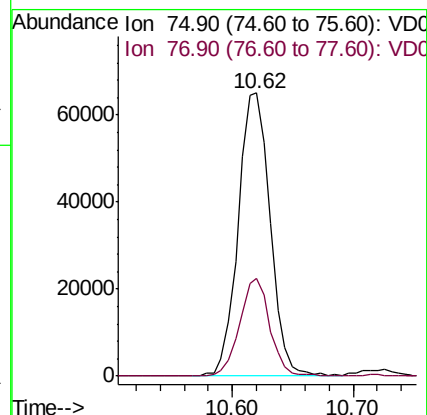
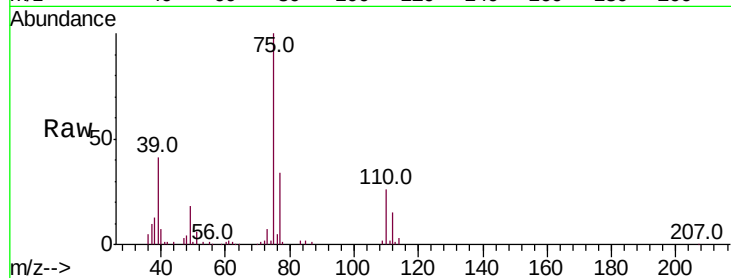
VD0929SBS01

Tot Ion: 75 Resp: 120251

Ion Ratio Lower Upper

75 100

77 34.4 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 20.275 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

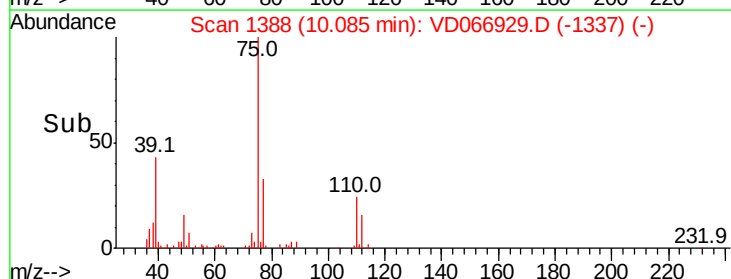
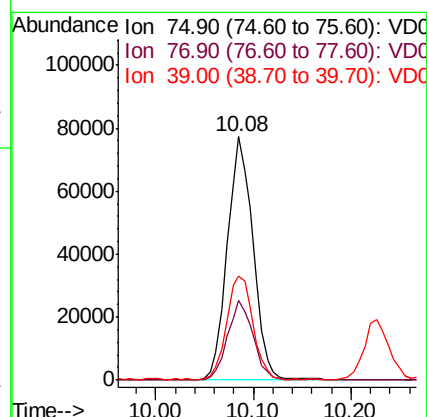
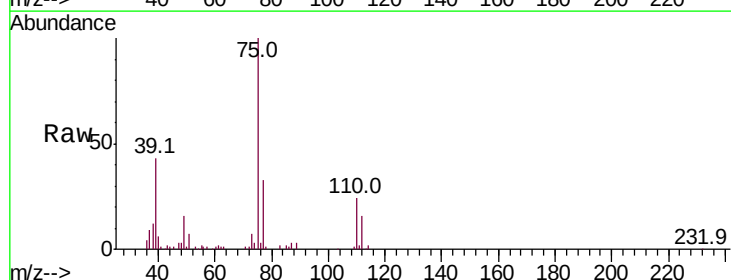
Tgt Ion: 75 Resp: 141420

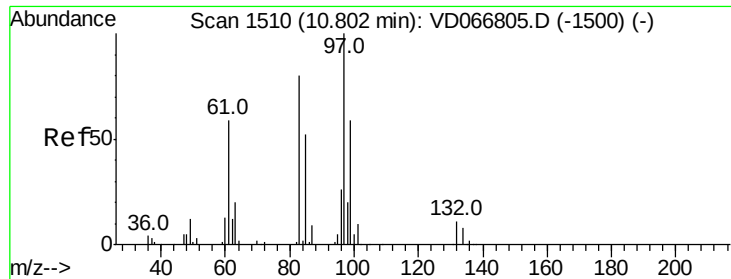
Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

39 42.5 39.2 58.8

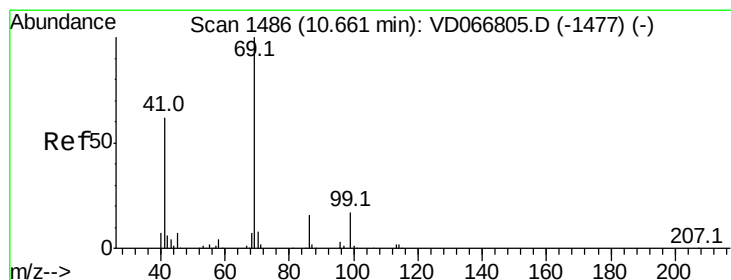
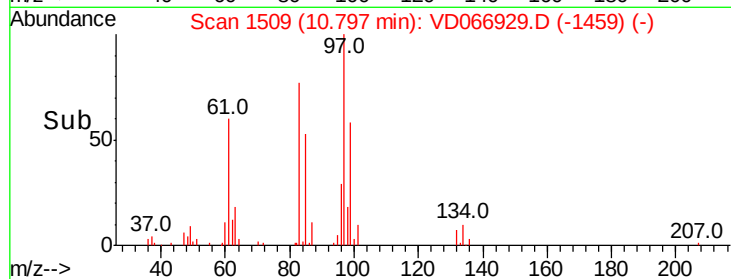
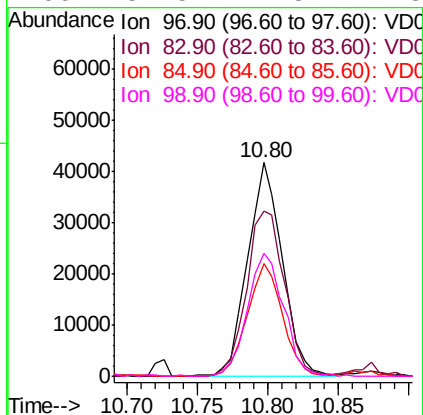
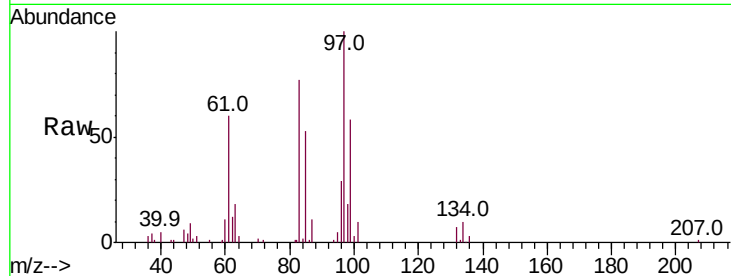




#55
 1,1,2-Trichloroethane
 Concen: 20.954 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

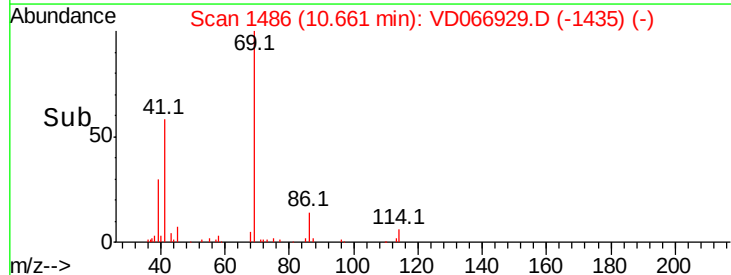
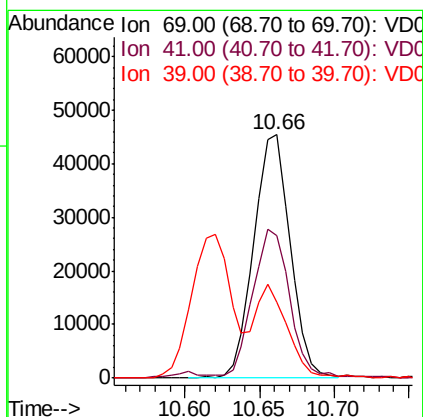
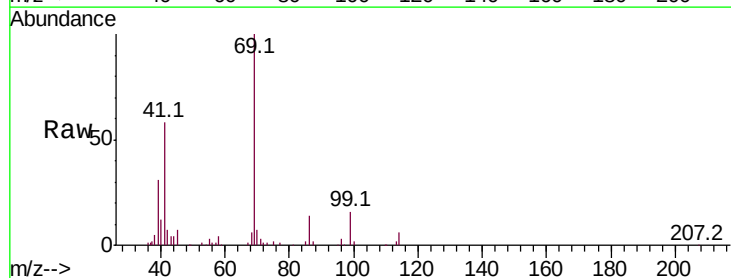
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

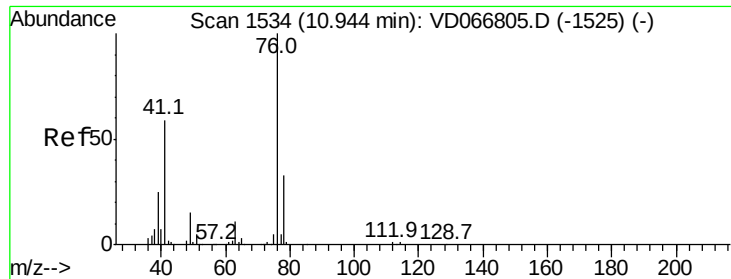
Tot Ion:	97	Resp:	72067
Ion	Ratio	Lower	Upper
97	100		
83	77.1	64.2	96.2
85	52.5	41.9	62.9
99	57.5	47.5	71.3



#56
 Ethyl methacrylate
 Concen: 20.843 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion:	69	Resp:	76798
Ion	Ratio	Lower	Upper
69	100		
41	63.2	52.2	78.2
39	33.6	26.6	40.0

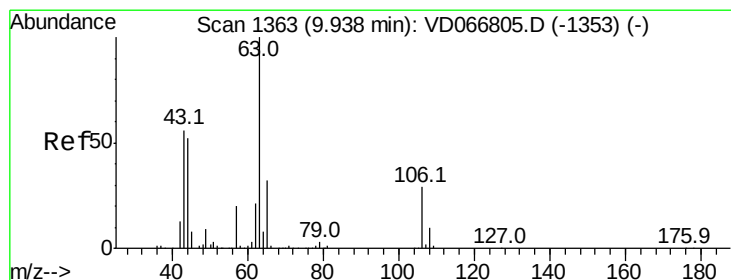
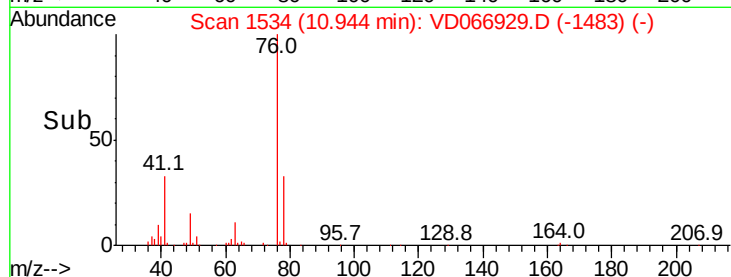
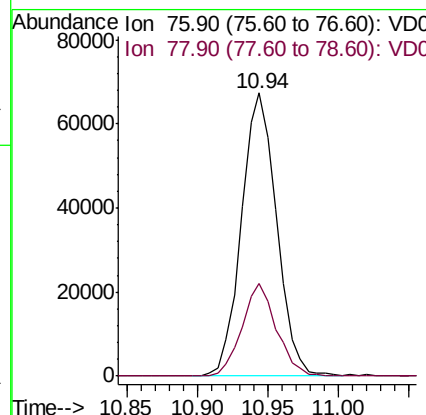
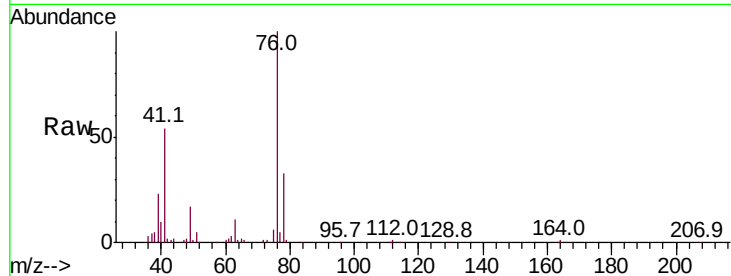




#57
 1,3-Dichloropropane
 Concen: 20.713 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

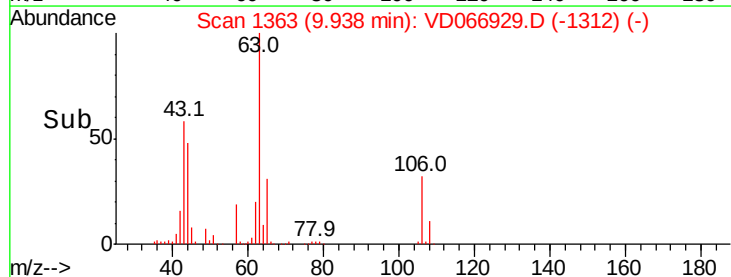
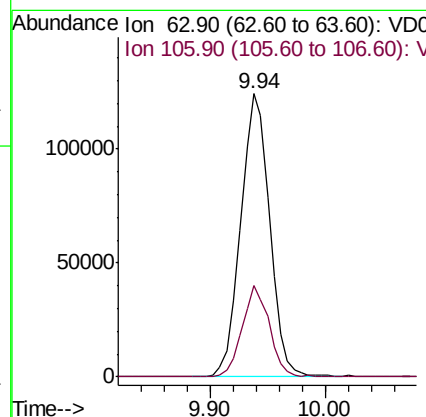
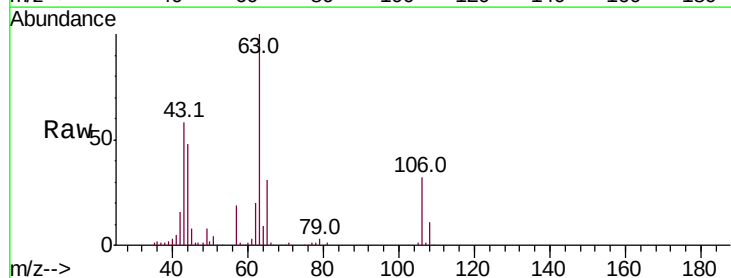
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

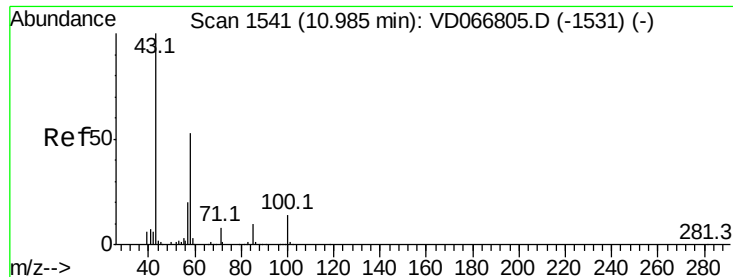
Tot Ion: 76 Resp: 117631
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 123.873 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion: 63 Resp: 216108
 Ion Ratio Lower Upper
 63 100
 106 30.2 23.8 35.6

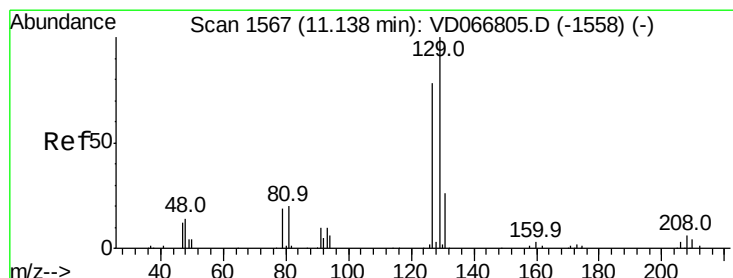
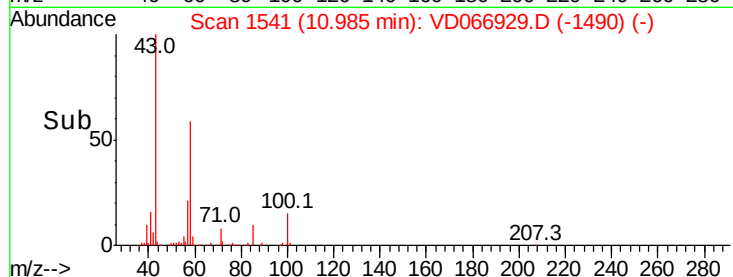
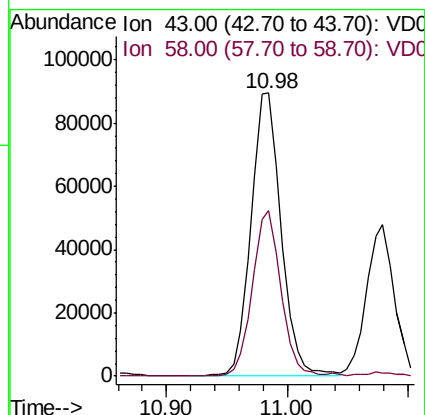
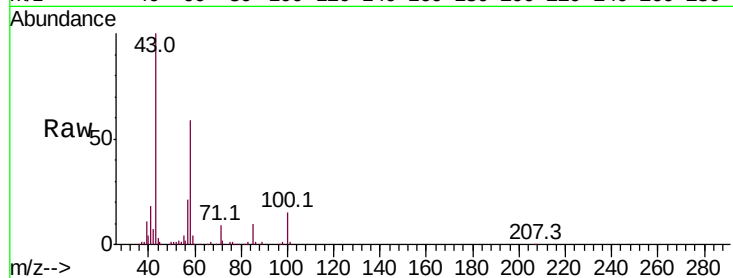




#59
2-Hexanone
Concen: 99.729 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

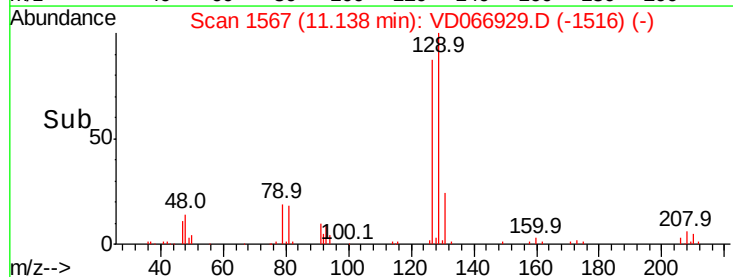
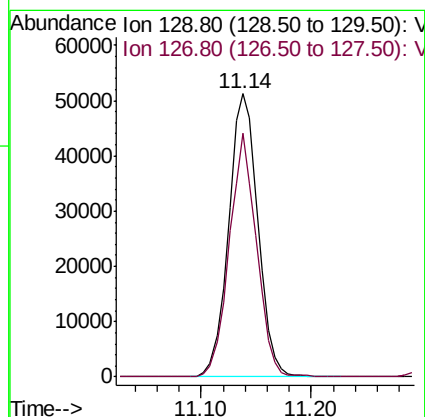
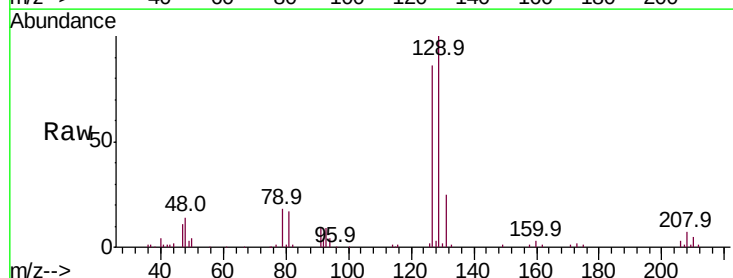
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

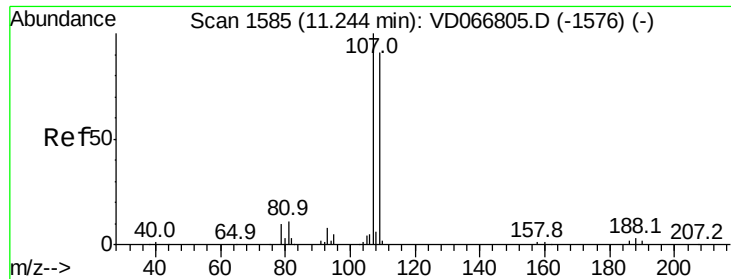
Tot Ion: 43 Resp: 155973
Ion Ratio Lower Upper
43 100
58 55.3 27.0 80.8



#60
Dibromochloromethane
Concen: 21.208 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion: 129 Resp: 95197
Ion Ratio Lower Upper
129 100
127 79.7 38.6 116.0

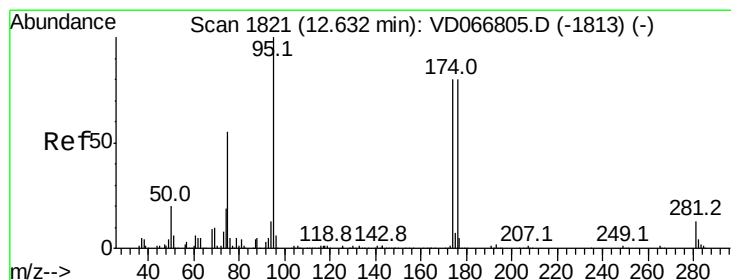
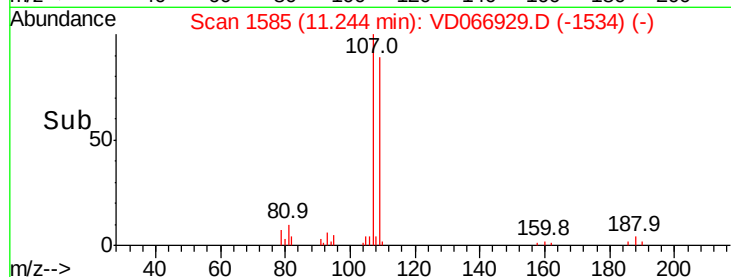
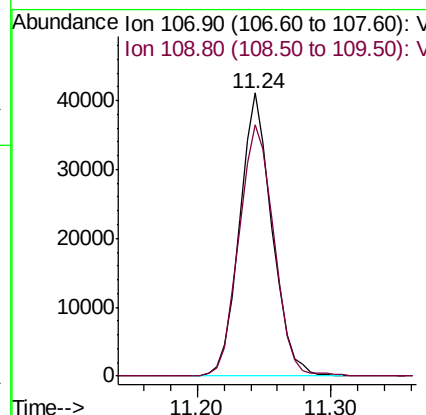
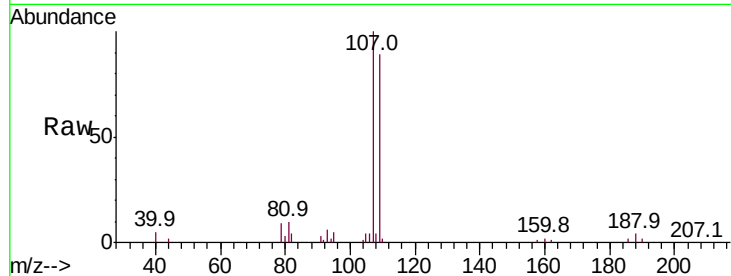




#61
 1,2-Dibromoethane
 Concen: 21.573 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

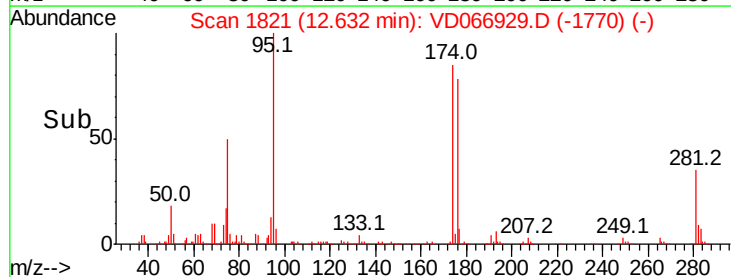
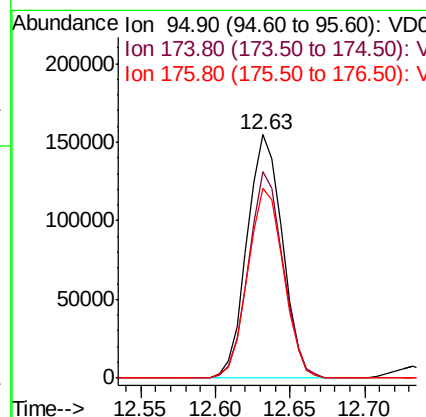
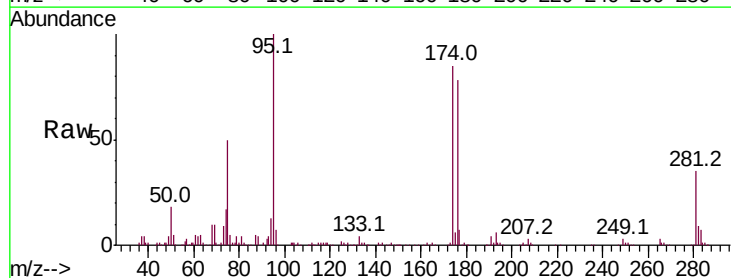
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

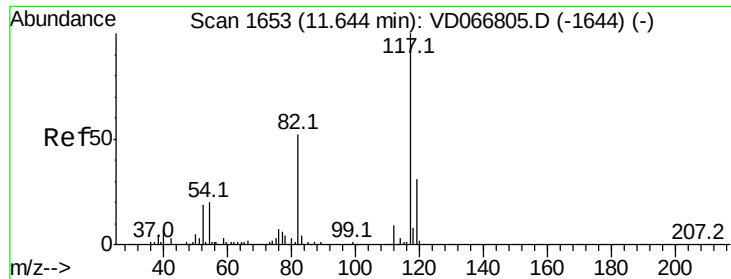
Tot Ion:107 Resp: 69012
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 51.544 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion: 95 Resp: 253180
 Ion Ratio Lower Upper
 95 100
 174 83.2 0.0 159.8
 176 78.8 0.0 154.4

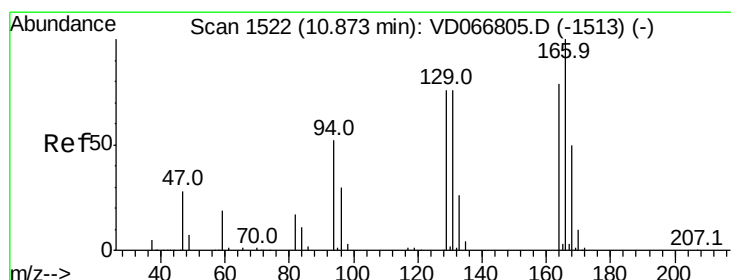
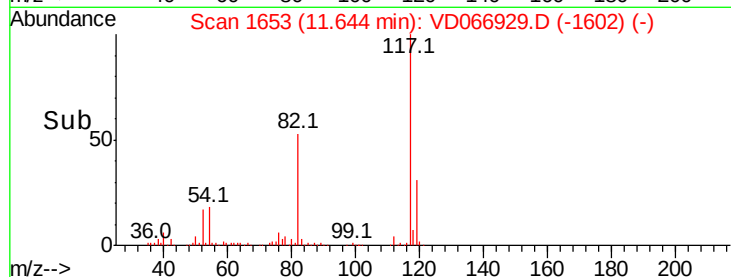
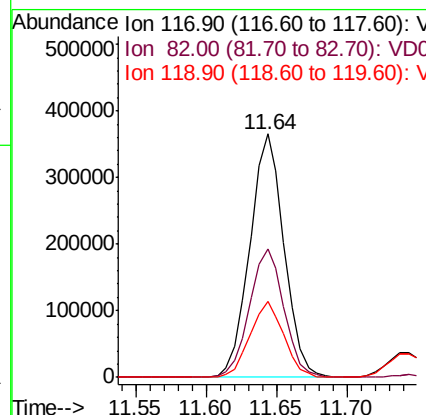
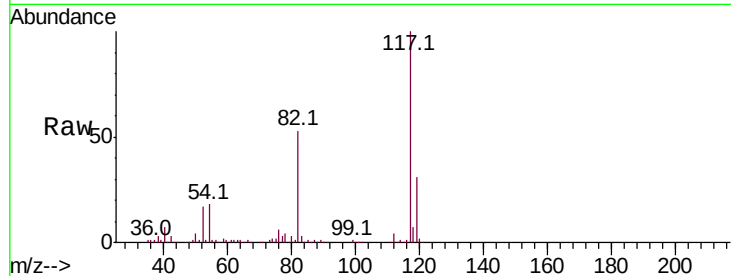




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

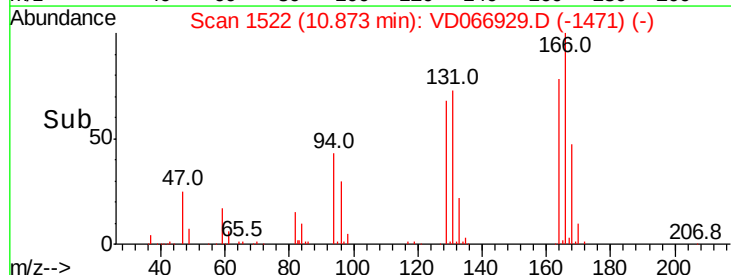
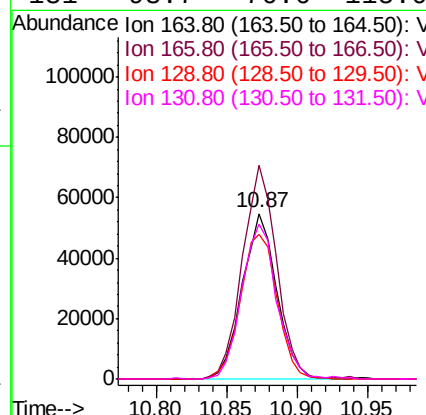
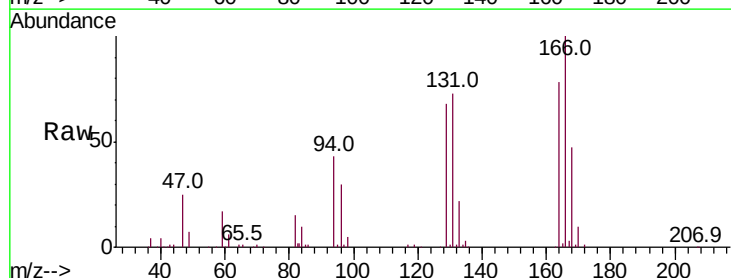
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

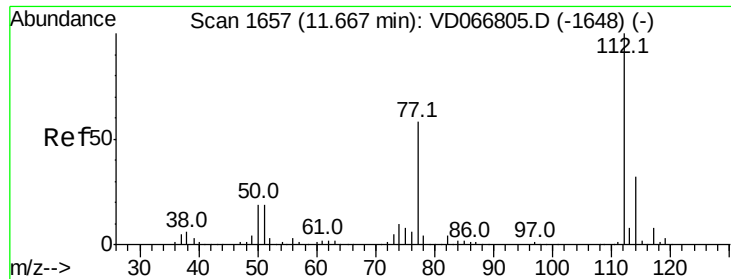
Tot Ion:117 Resp: 621163
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.6
119 31.4 24.6 37.0



#64
Tetrachloroethene
Concen: 21.004 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion:164 Resp: 93847
Ion Ratio Lower Upper
164 100
166 129.0 101.1 151.7
129 87.2 77.0 115.4
131 93.7 76.6 115.0

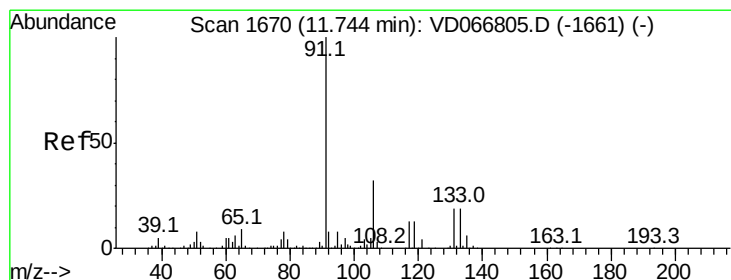
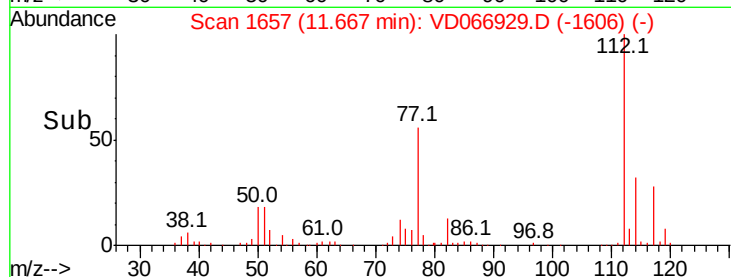
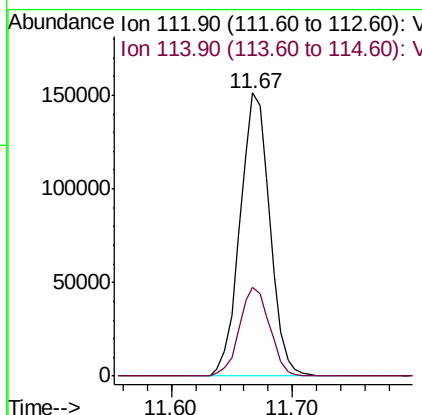
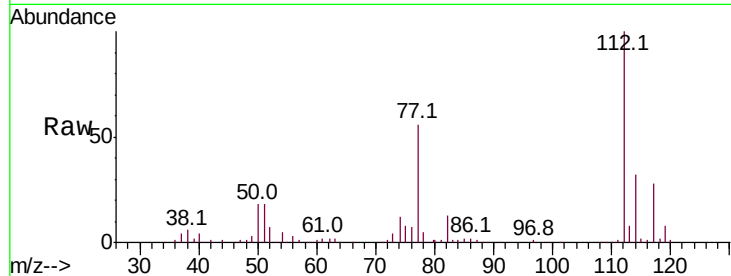




#65
Chlorobenzene
Concen: 20.175 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

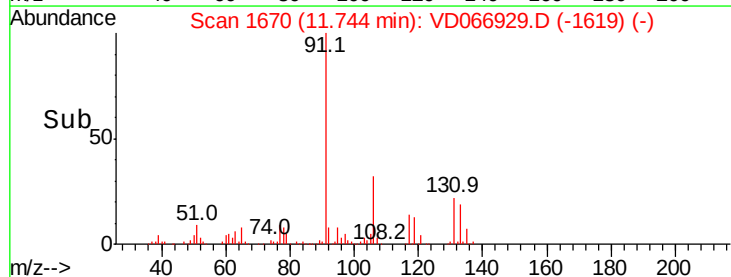
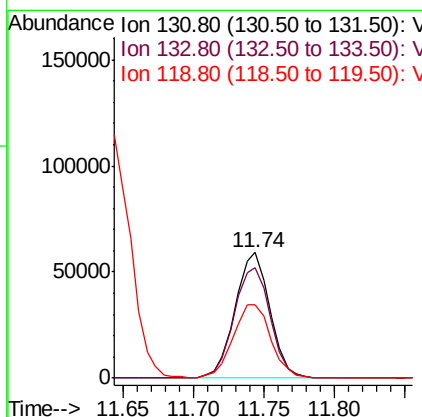
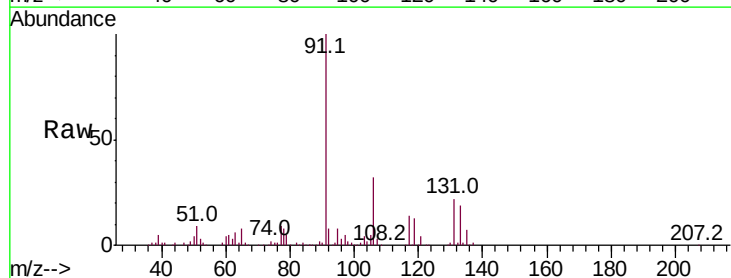
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

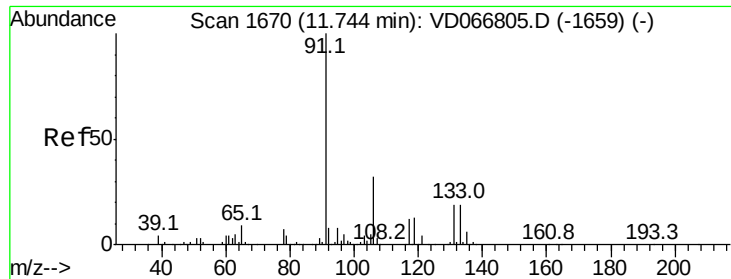
Tot Ion:112 Resp: 260863
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.817 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion:131 Resp: 101871
Ion Ratio Lower Upper
131 100
133 92.3 46.7 140.1
119 63.1 32.3 96.9

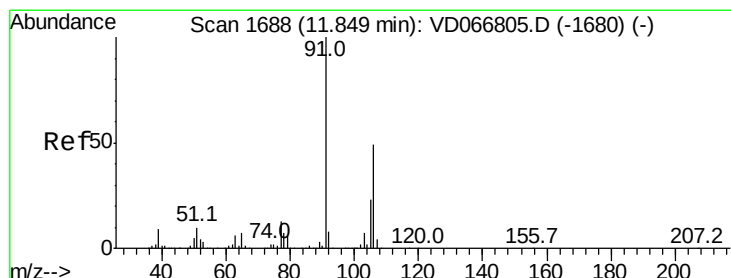
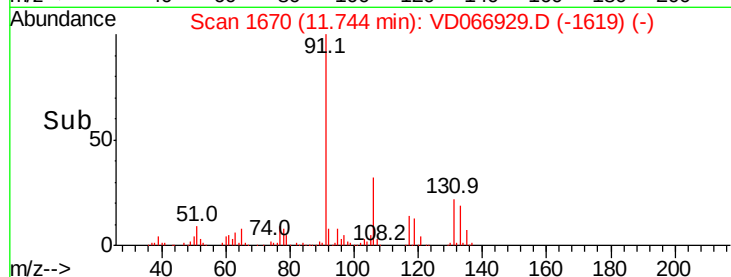
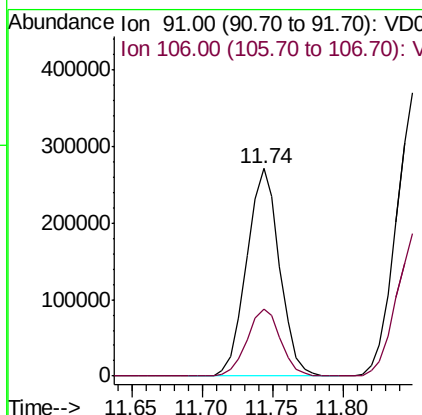
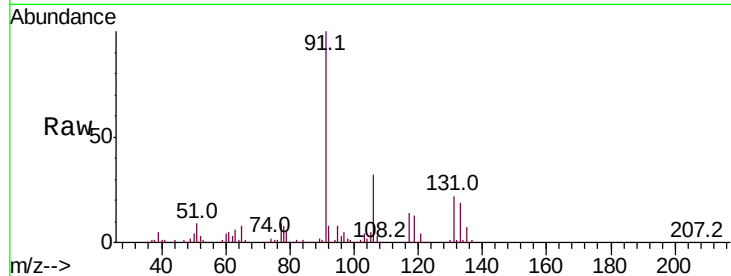




#67
Ethyl Benzene
Concen: 19.605 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

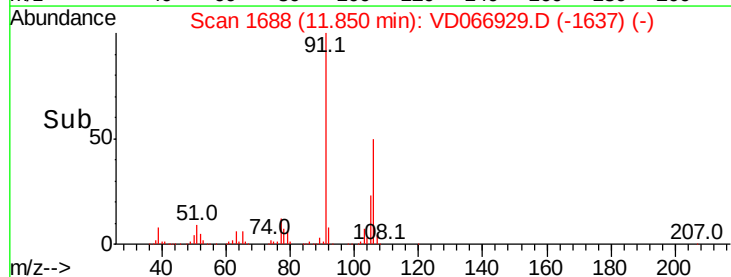
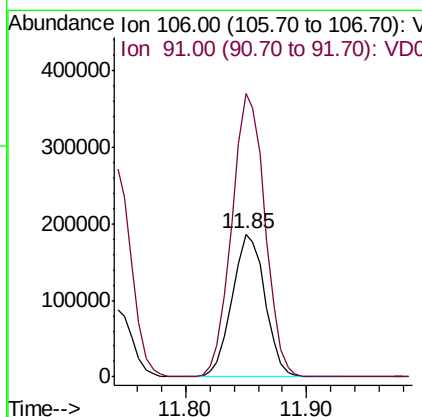
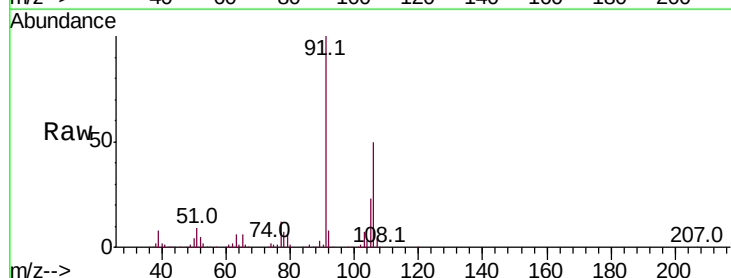
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

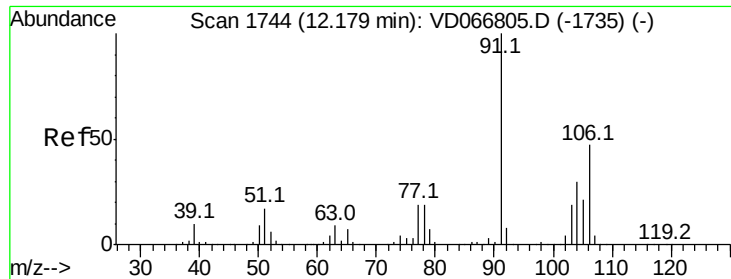
Tot Ion: 91 Resp: 445212
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4



#68
m/p-Xylenes
Concen: 41.268 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion: 106 Resp: 354822
Ion Ratio Lower Upper
106 100
91 199.8 160.7 241.1

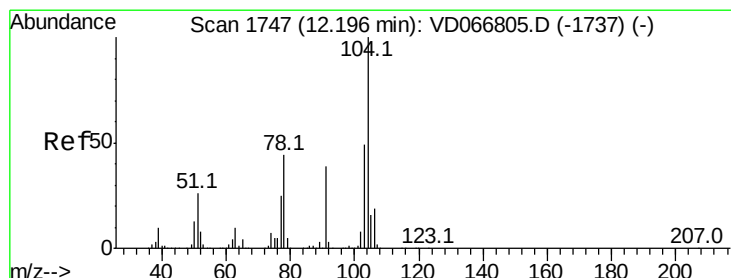
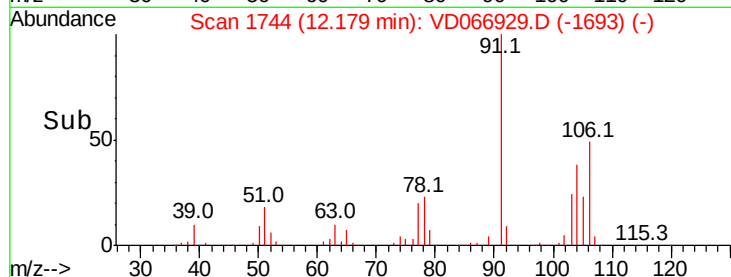
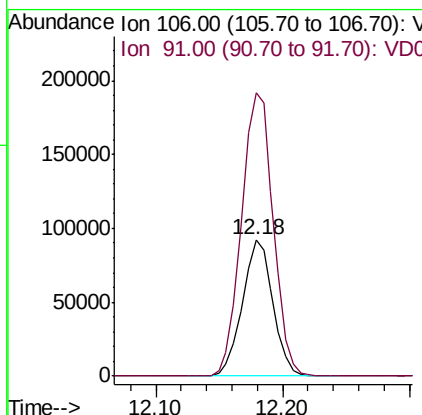
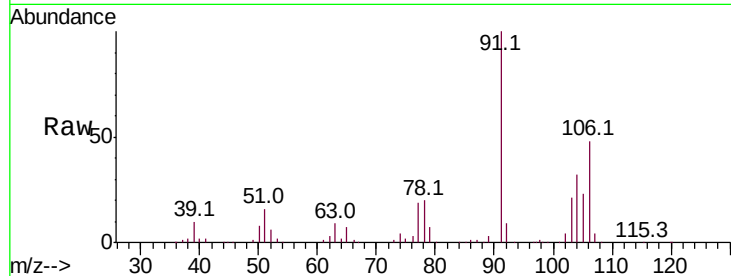




#69
o-Xylene
Concen: 19.849 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

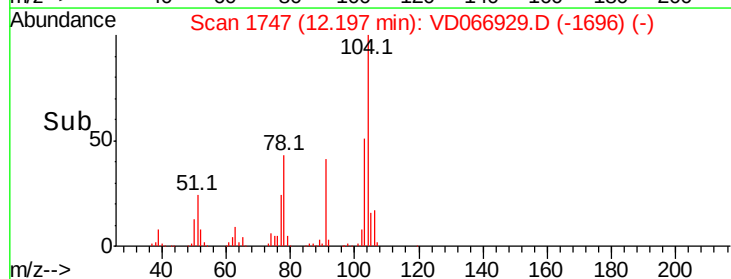
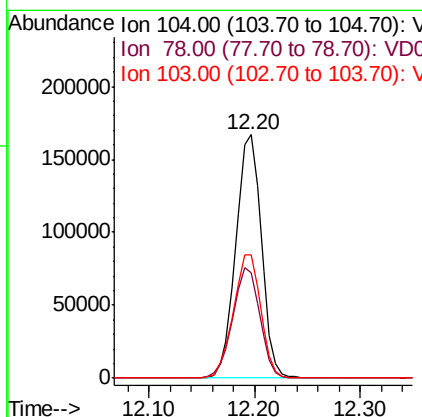
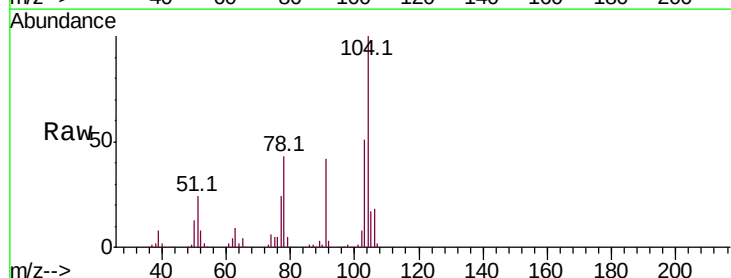
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

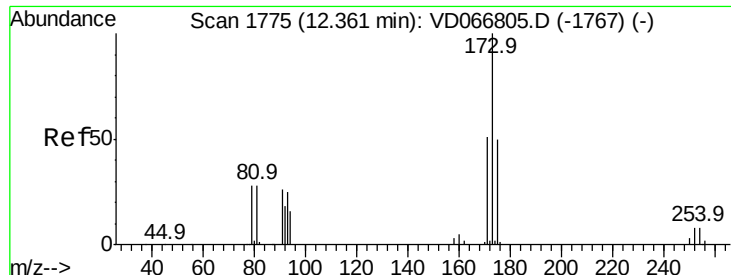
Tot Ion:106 Resp: 154313
Ion Ratio Lower Upper
106 100
91 215.4 106.3 318.8



#70
Styrene
Concen: 20.705 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion:104 Resp: 279541
Ion Ratio Lower Upper
104 100
78 48.0 38.9 58.3
103 54.2 43.2 64.8





#71

Bromoform

Concen: 21.343 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

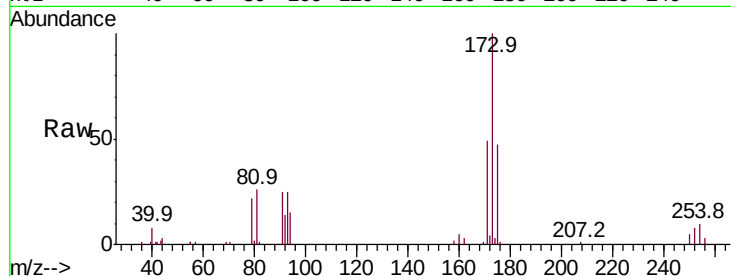
Tot Ion:173 Resp: 52882

Ion Ratio Lower Upper

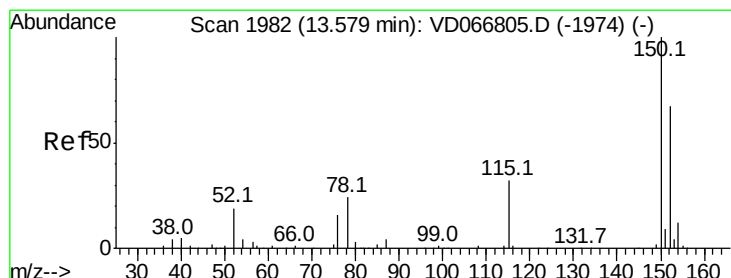
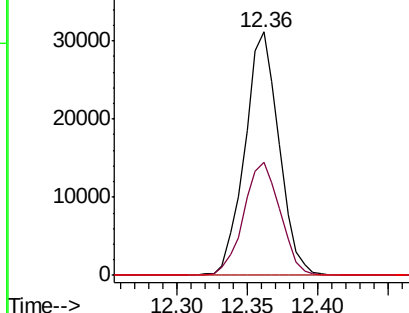
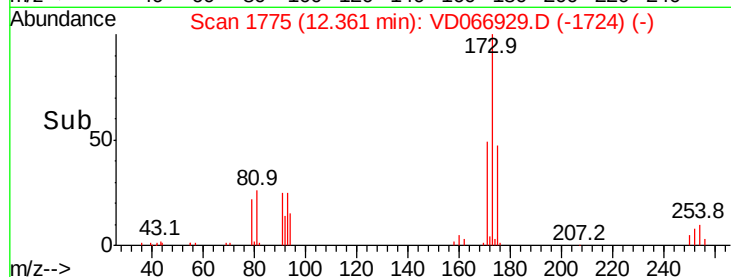
173 100

175 49.6 24.9 74.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

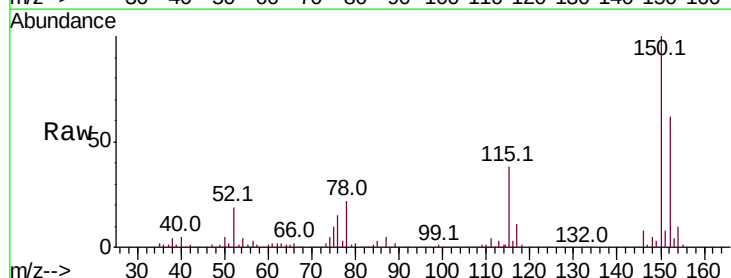
Tgt Ion:152 Resp: 296870

Ion Ratio Lower Upper

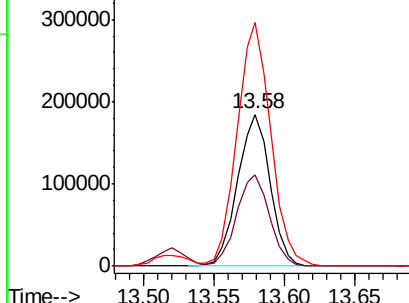
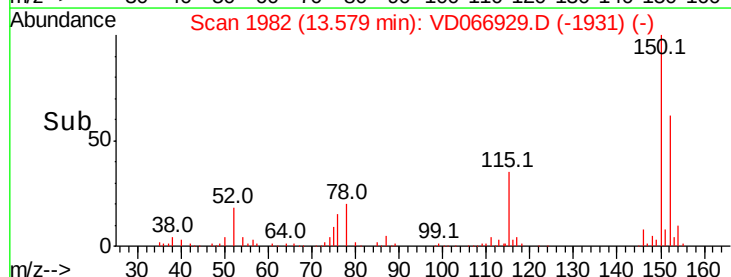
152 100

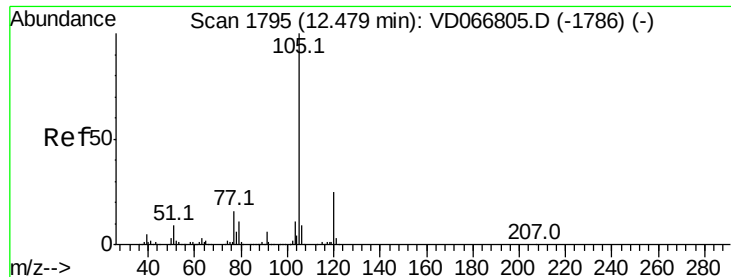
115 60.7 30.3 91.0

150 166.4 0.0 346.2



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





#73

Isopropylbenzene

Concen: 20.279 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

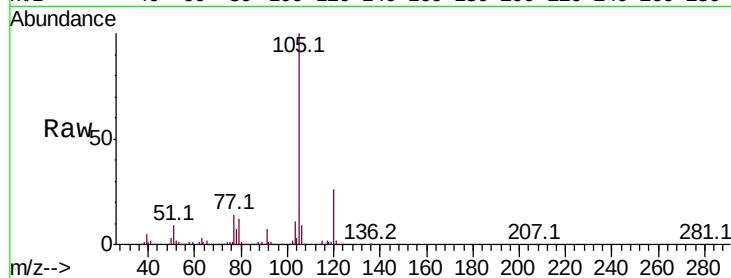
VD0929SBS01

Tot Ion:105 Resp: 434894

Ion Ratio Lower Upper

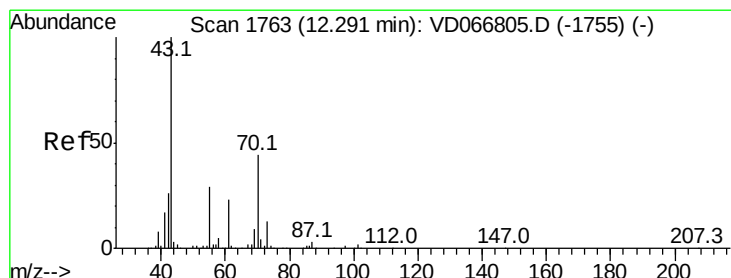
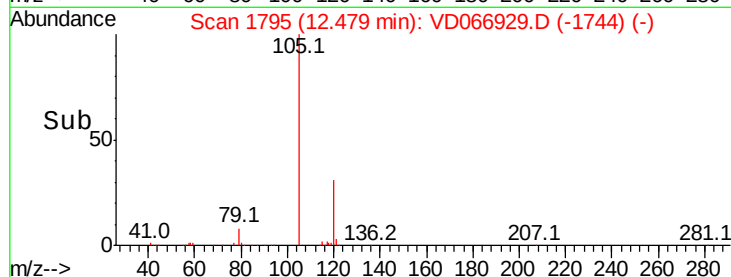
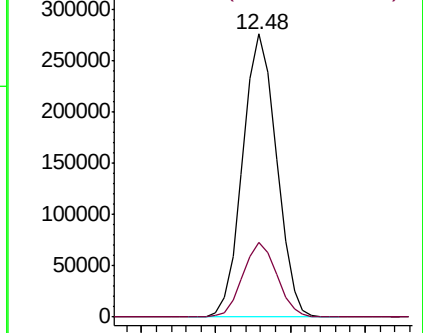
105 100

120 26.6 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.142 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tgt Ion: 43 Resp: 80167

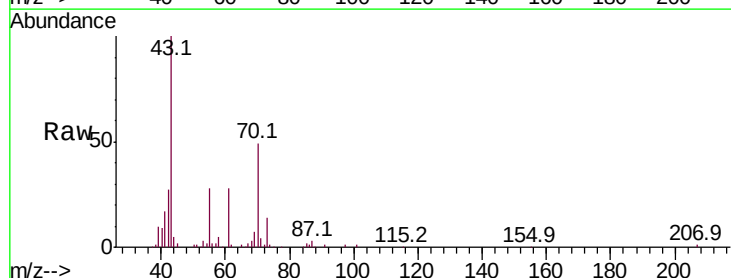
Ion Ratio Lower Upper

43 100

70 48.1 36.1 54.1

55 27.4 21.8 32.8

61 25.1 19.0 28.4

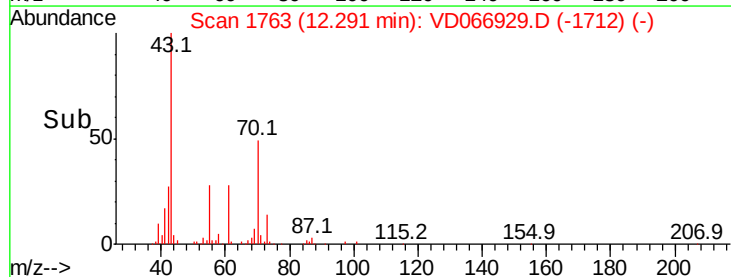
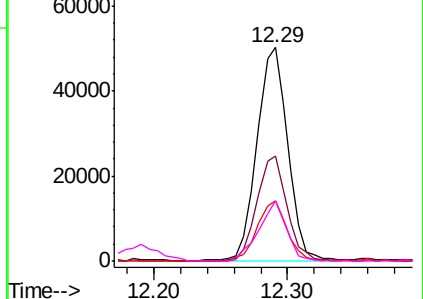


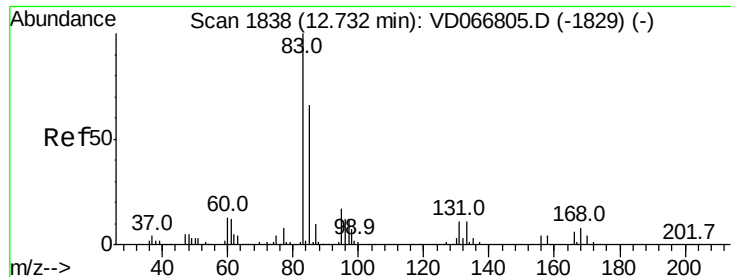
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 20.330 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

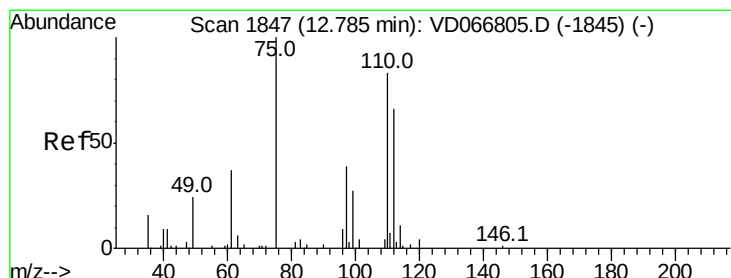
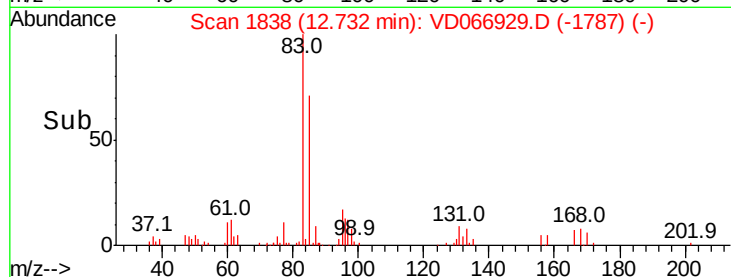
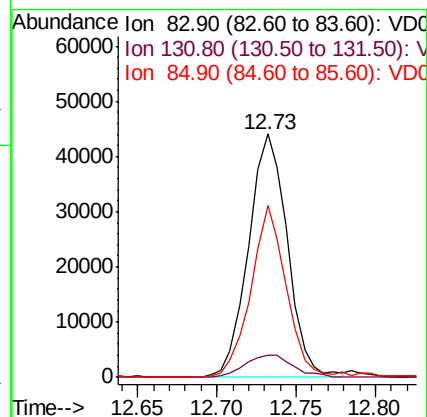
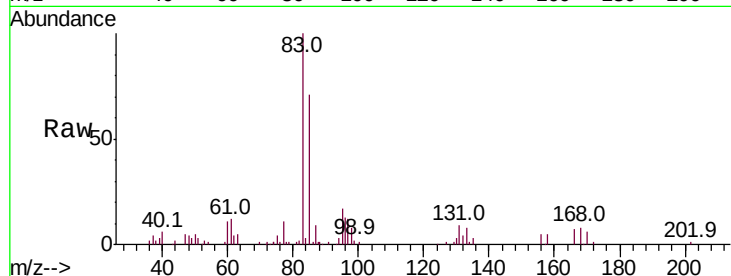
Tot Ion: 83 Resp: 75233

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.7

85 63.7 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 39.453 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066929.D

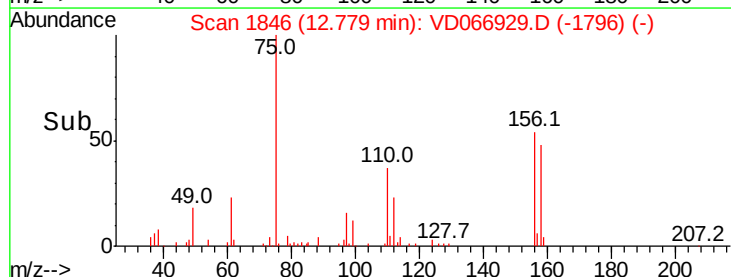
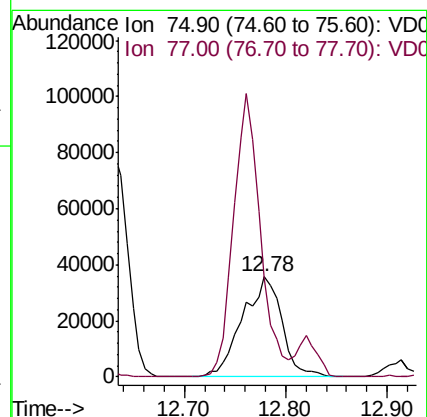
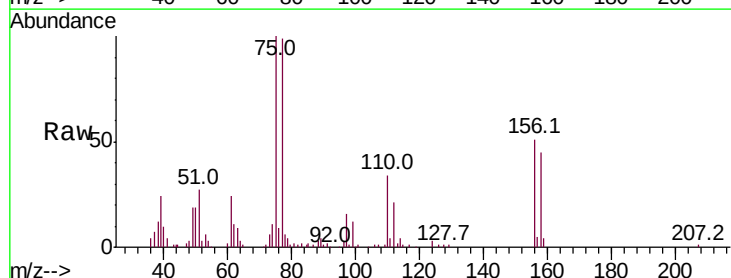
Acq: 29 Sep 2020 10:49

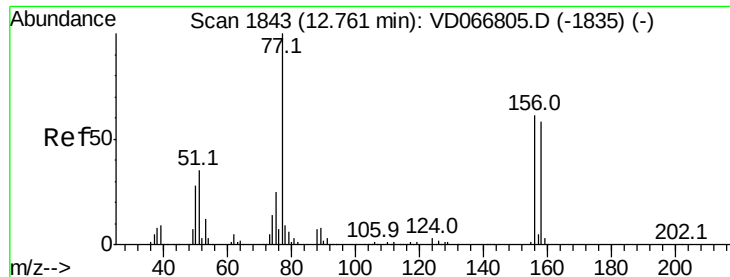
Tgt Ion: 75 Resp: 97062

Ion Ratio Lower Upper

75 100

77 192.2 0.0 0.0#

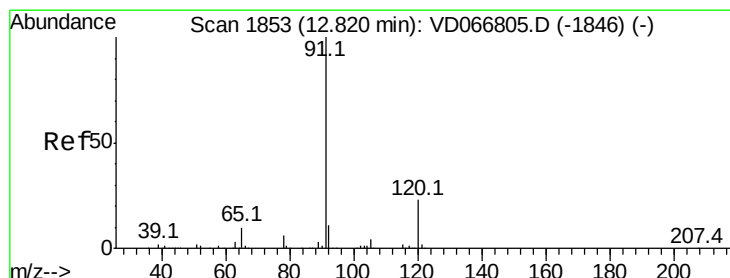
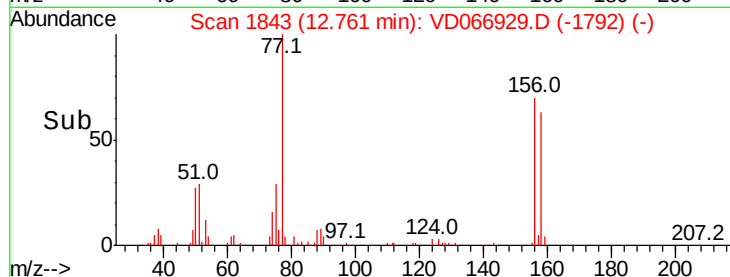
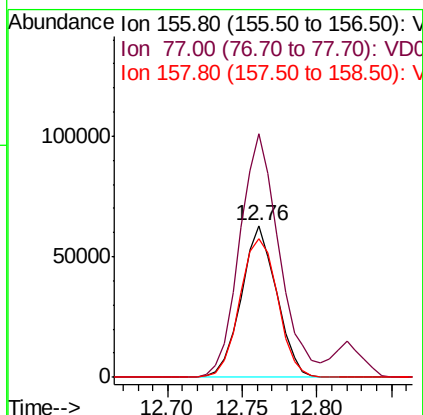
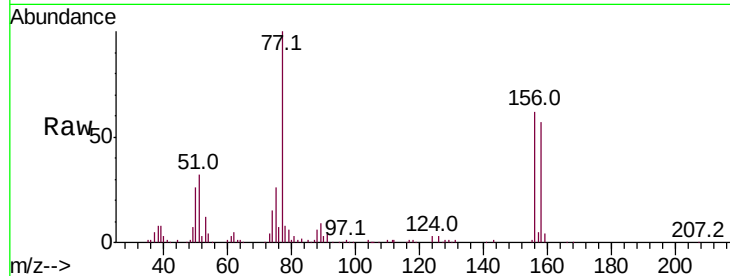




#77
Bromobenzene
Concen: 20.604 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

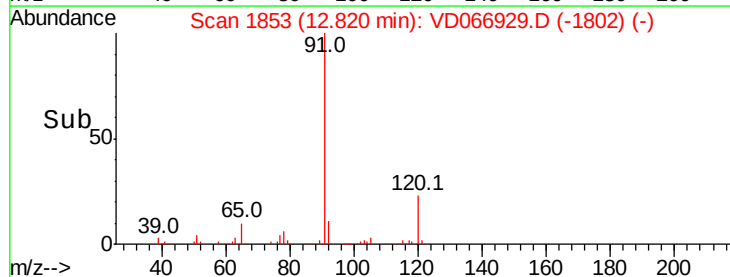
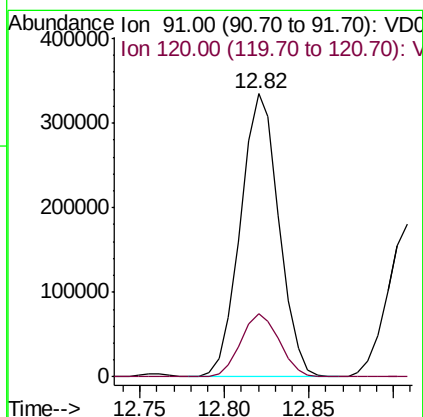
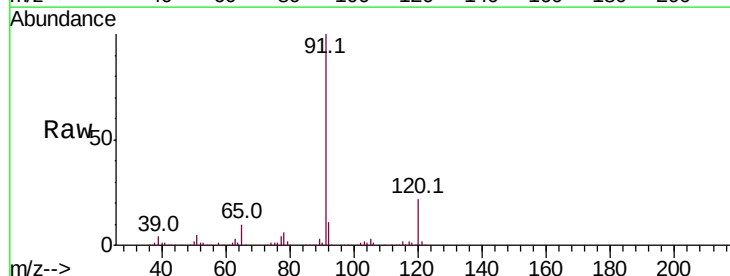
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

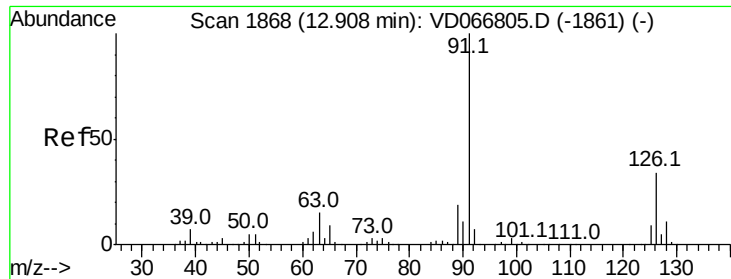
Tot Ion:156 Resp: 103344
Ion Ratio Lower Upper
156 100
77 180.5 92.3 276.9
158 97.8 47.6 142.9



#78
n-propylbenzene
Concen: 20.500 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion: 91 Resp: 528912
Ion Ratio Lower Upper
91 100
120 22.4 11.4 34.2





#79

2-Chlorotoluene

Concen: 20.023 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

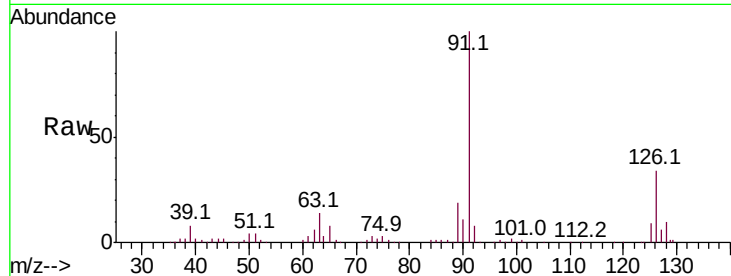
VD0929SBS01

Tot Ion: 91 Resp: 294389

Ion Ratio Lower Upper

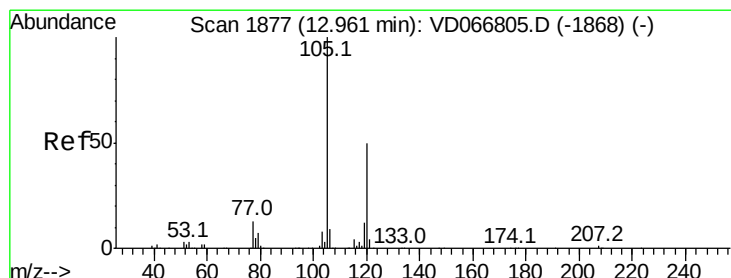
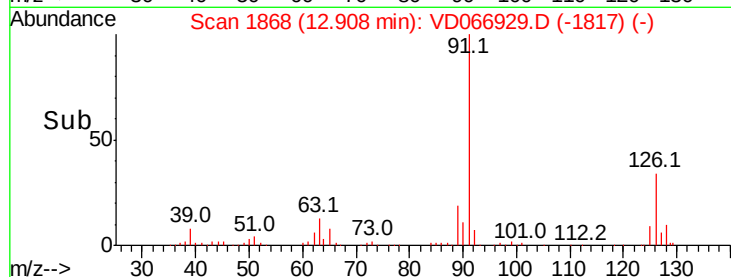
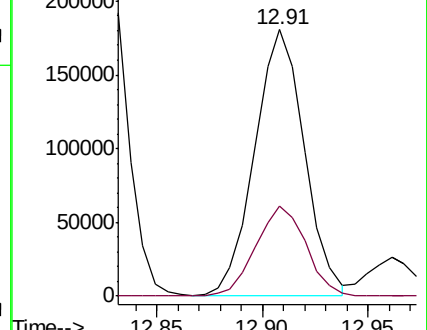
91 100

126 34.4 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.471 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066929.D

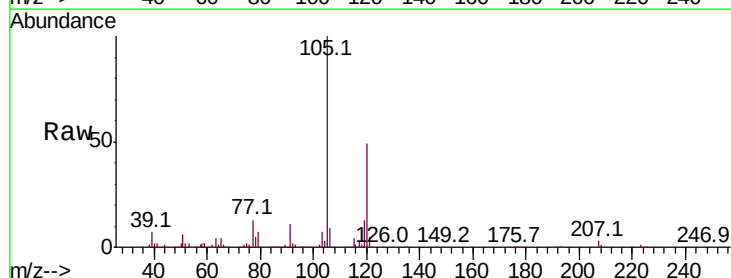
Acq: 29 Sep 2020 10:49

Tgt Ion:105 Resp: 372512

Ion Ratio Lower Upper

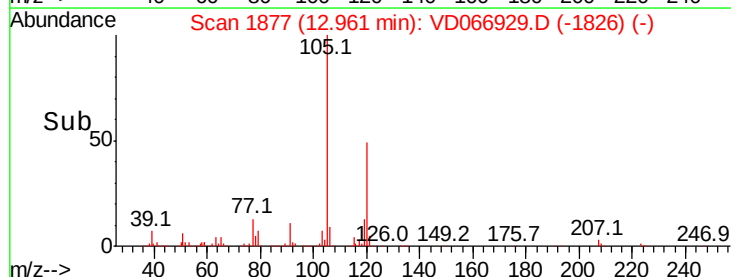
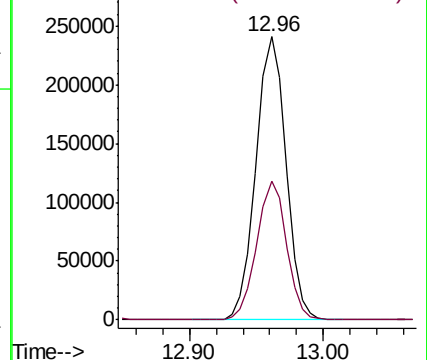
105 100

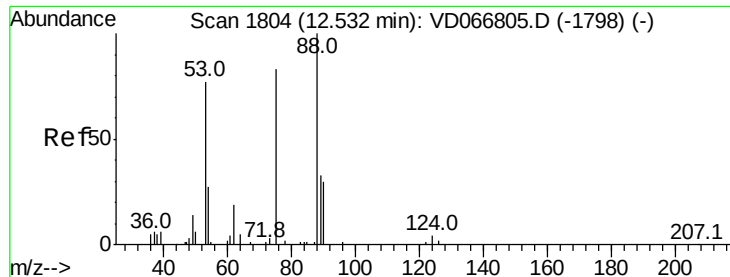
120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.705 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

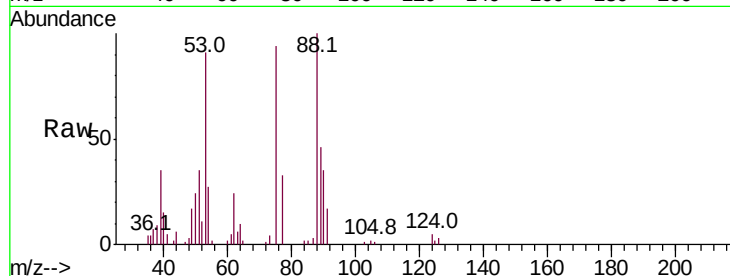
Tot Ion: 75 Resp: 20360

Ion Ratio Lower Upper

75 100

53 97.9 78.5 117.7

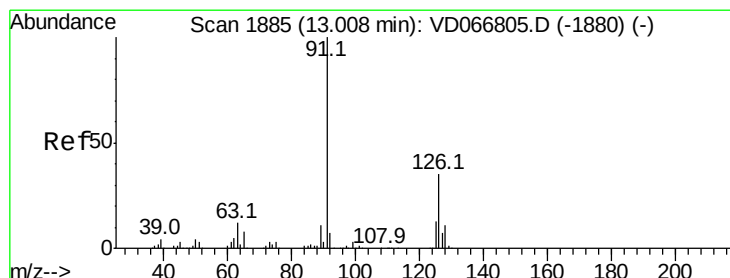
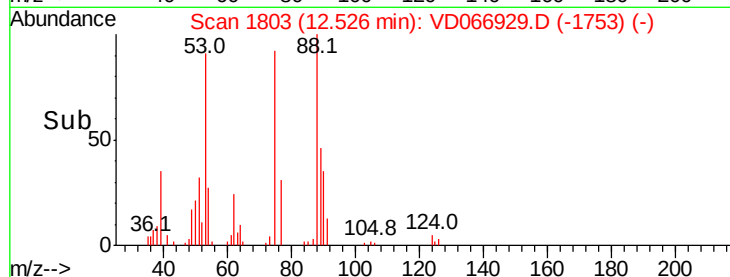
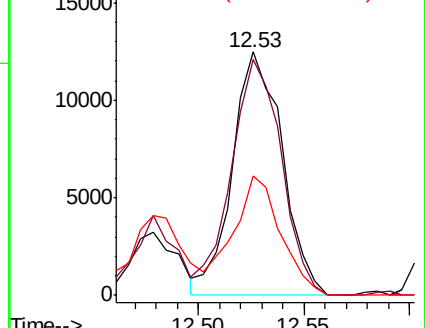
89 47.3 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.507 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066929.D

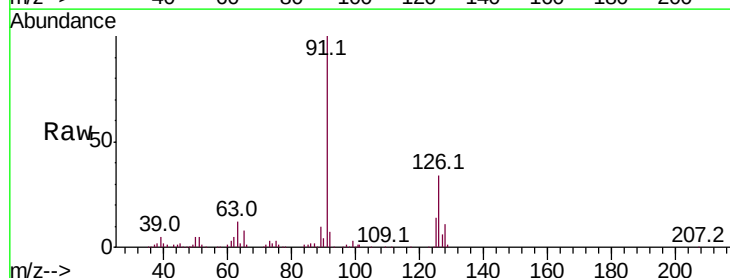
Acq: 29 Sep 2020 10:49

Tgt Ion: 91 Resp: 317833

Ion Ratio Lower Upper

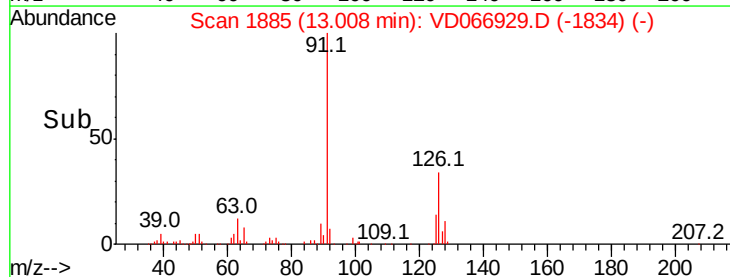
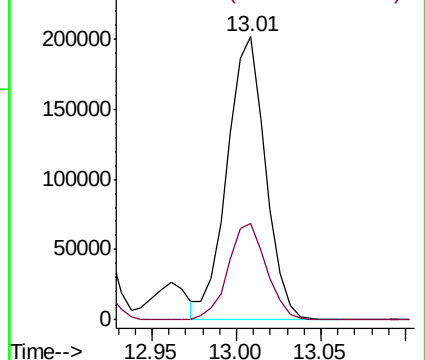
91 100

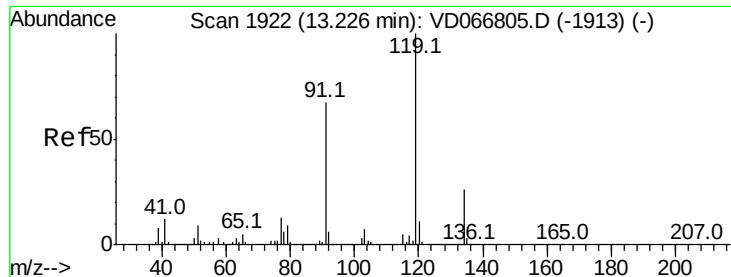
126 34.0 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

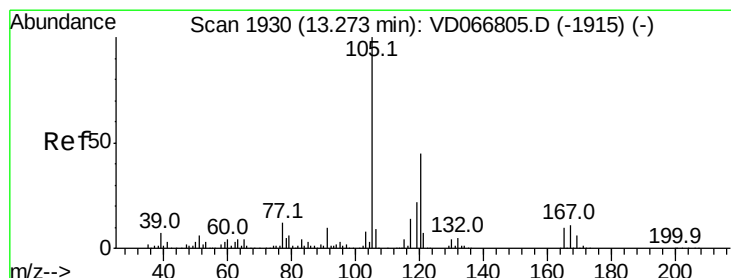
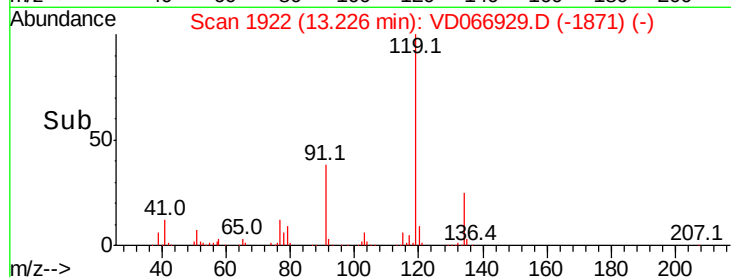
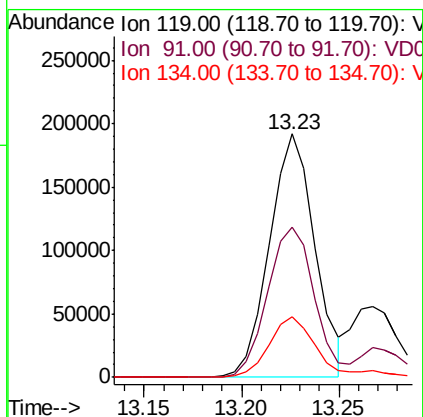
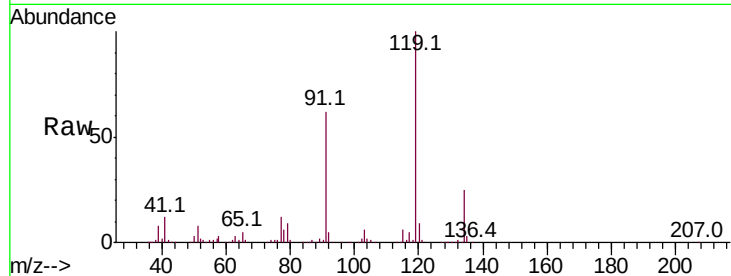




#83
 tert-Butylbenzene
 Concen: 20.684 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

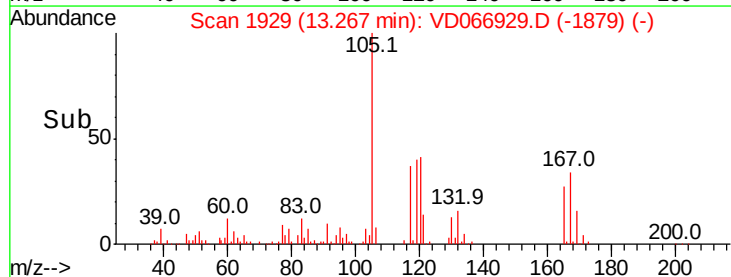
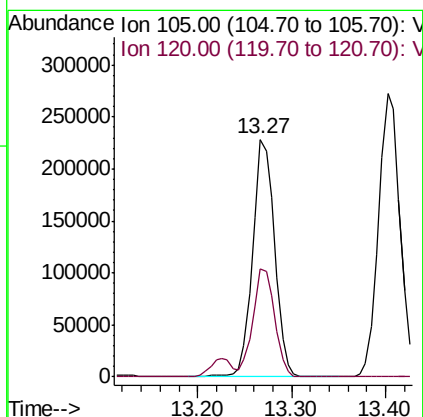
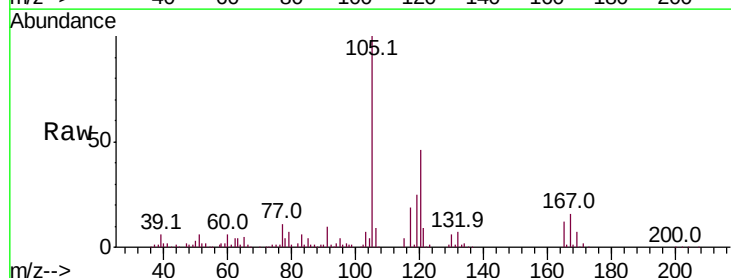
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

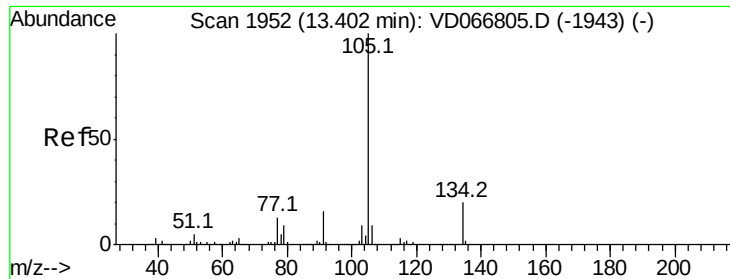
Tot Ion:119 Resp: 309294
 Ion Ratio Lower Upper
 119 100
 91 64.3 33.6 100.8
 134 26.7 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.529 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion:105 Resp: 370430
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.014 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

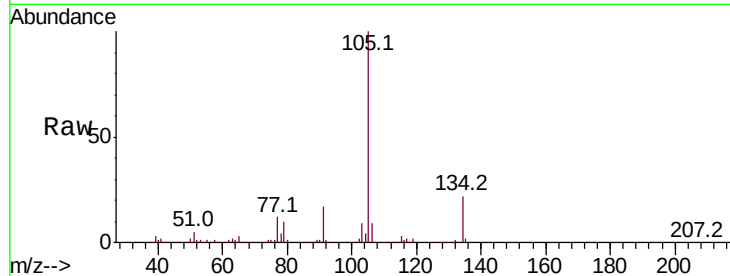
VD0929SBS01

Tot Ion:105 Resp: 430343

Ion Ratio Lower Upper

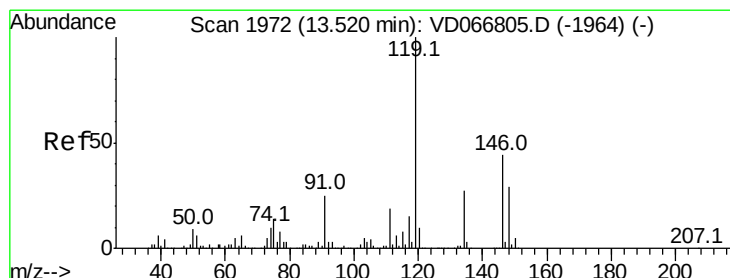
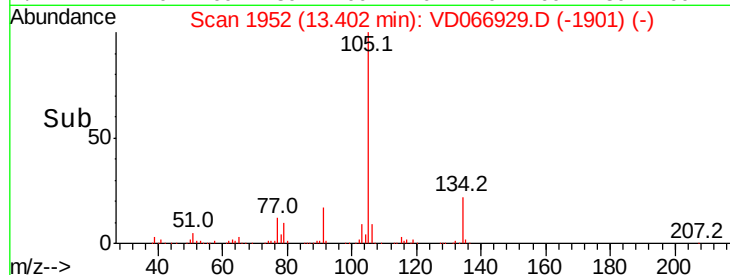
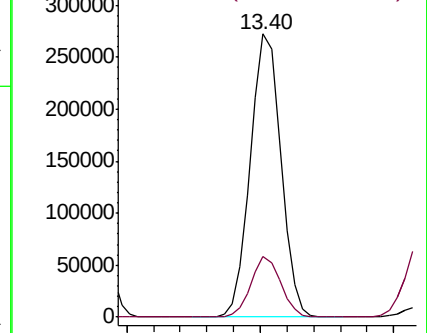
105 100

134 20.8 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.816 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

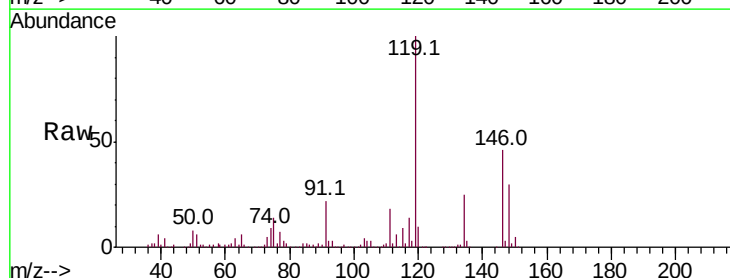
Tgt Ion:119 Resp: 403450

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

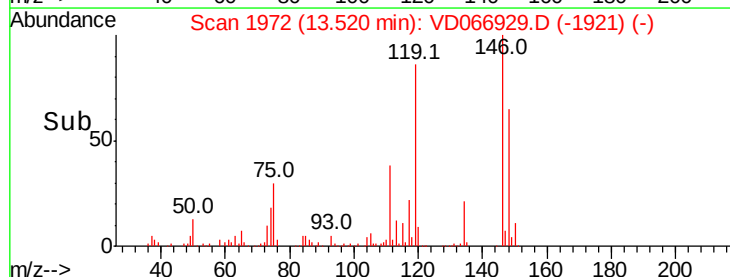
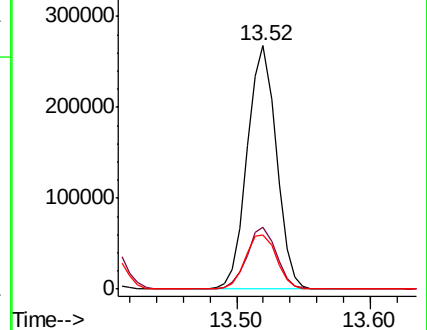
91 24.0 12.0 36.1

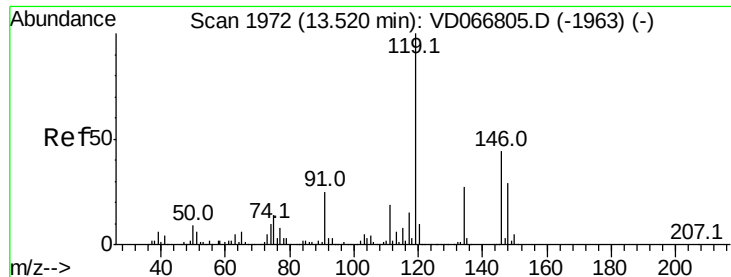


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.676 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

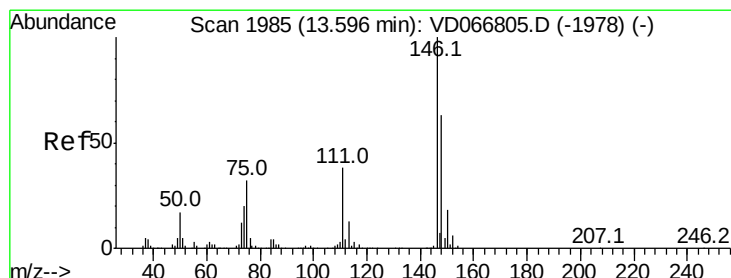
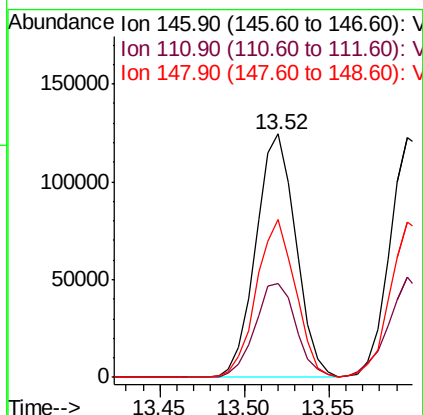
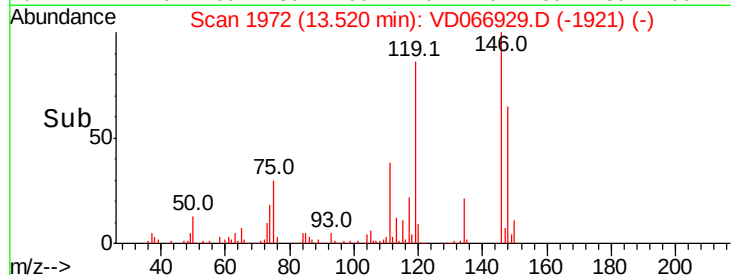
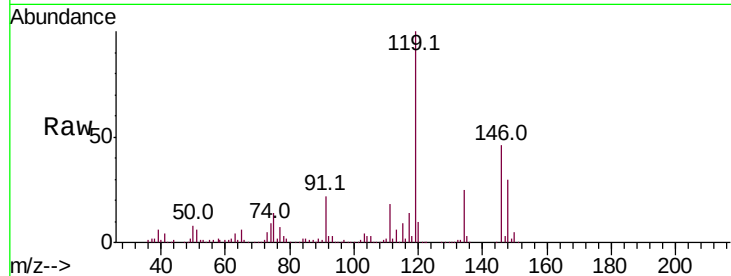
Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion:146 Resp: 204889

Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	60.9
148	63.4	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 20.670 ug/l

RT: 13.60 min Scan# 1985

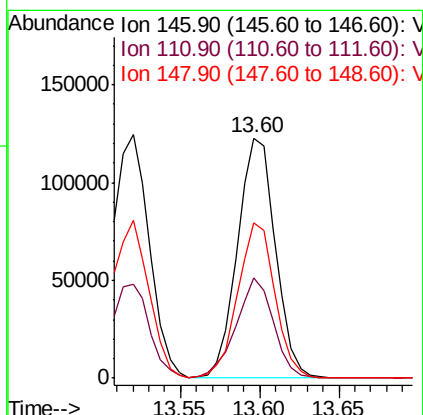
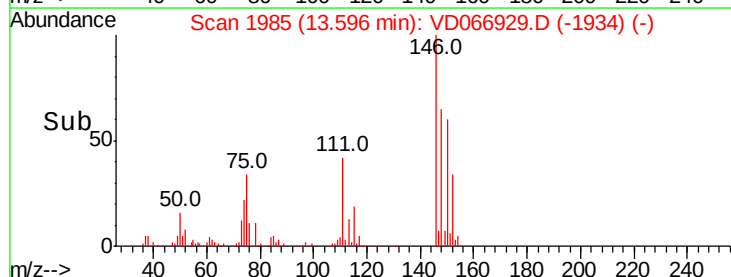
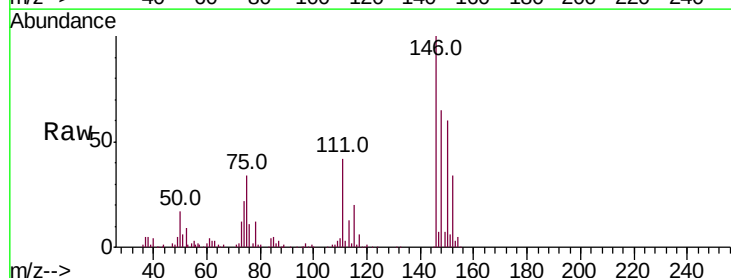
Delta R.T. 0.00 min

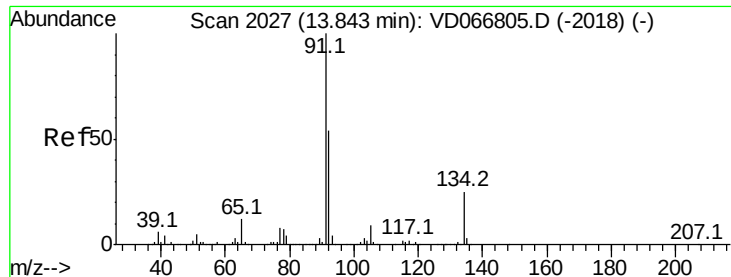
Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Tgt Ion:146 Resp: 203431

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.2	60.5
148	63.8	31.6	94.7

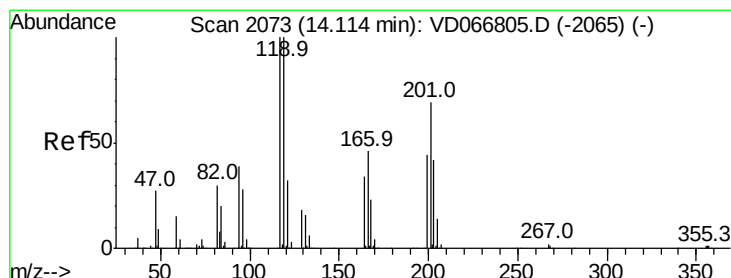
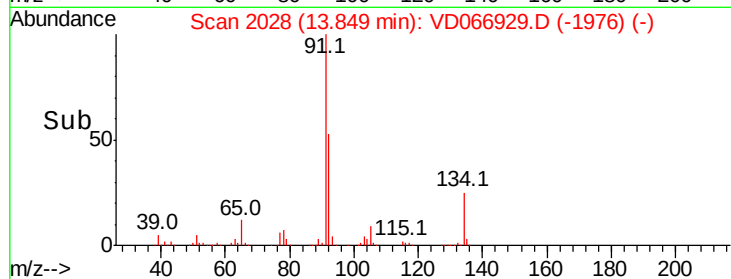
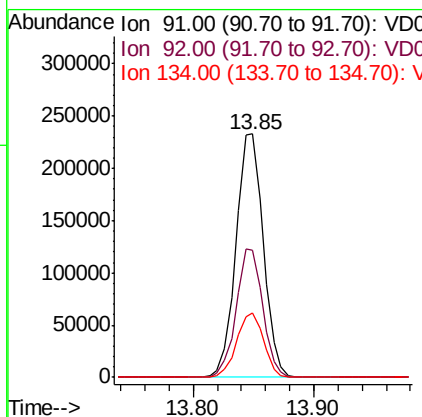
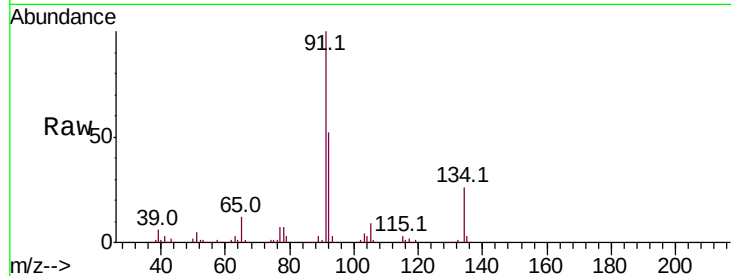




#89
n-Butylbenzene
Concen: 20.011 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

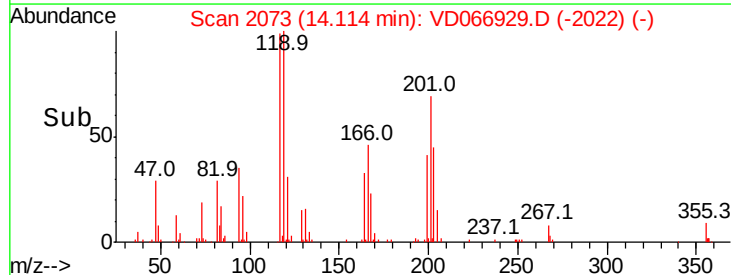
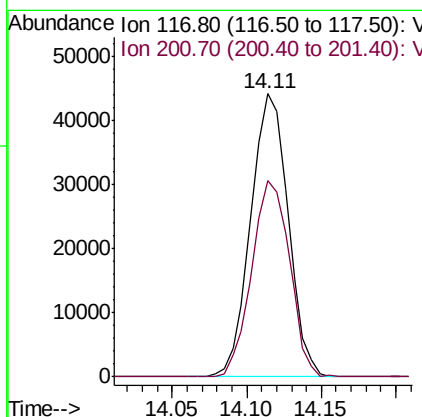
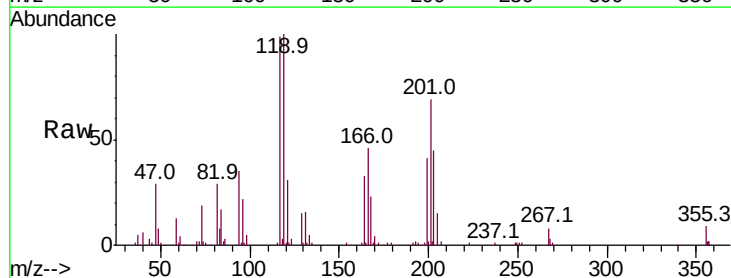
Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

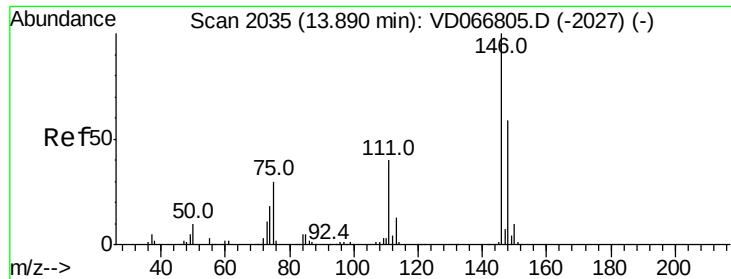
Tot Ion: 91 Resp: 368657
Ion Ratio Lower Upper
91 100
92 51.3 26.7 80.0
134 26.2 13.1 39.1



#90
Hexachloroethane
Concen: 19.450 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion: 117 Resp: 76534
Ion Ratio Lower Upper
117 100
201 70.4 33.7 101.0

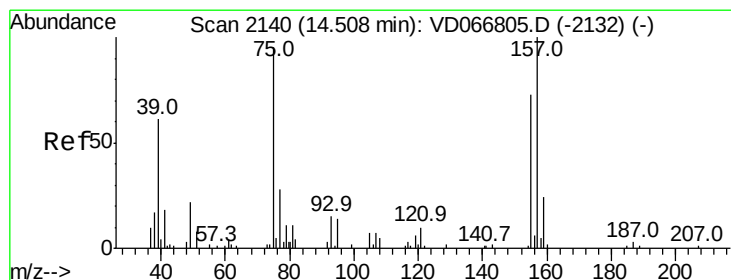
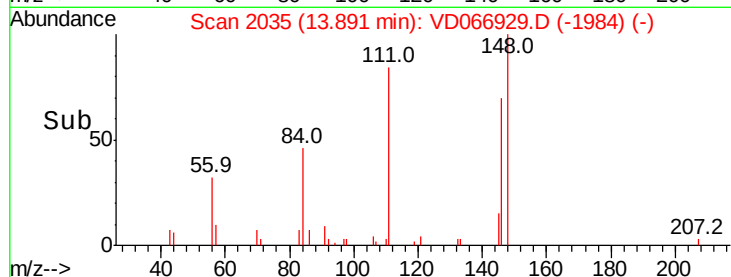
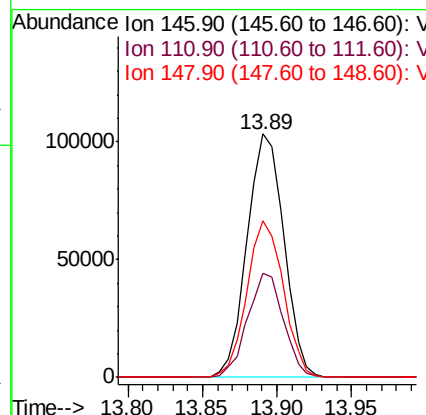
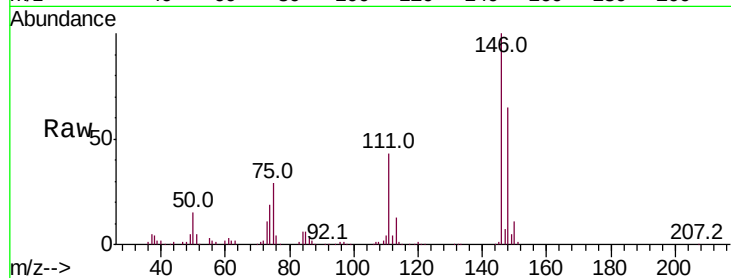




#91
 1,2-Dichlorobenzene
 Concen: 20.833 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

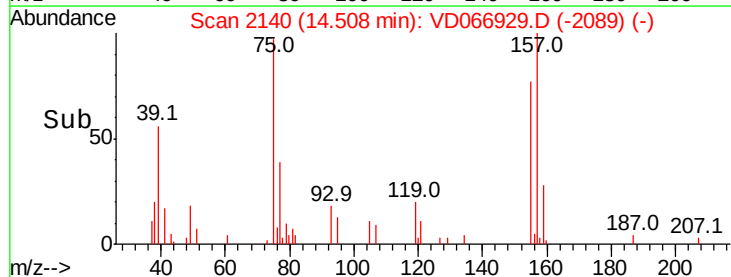
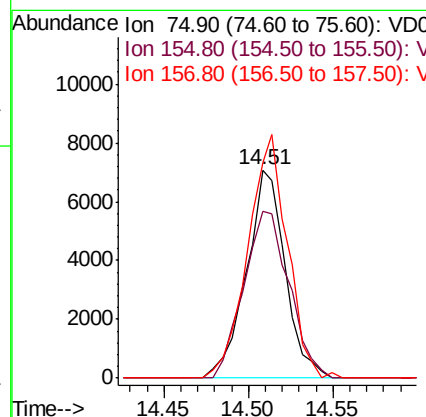
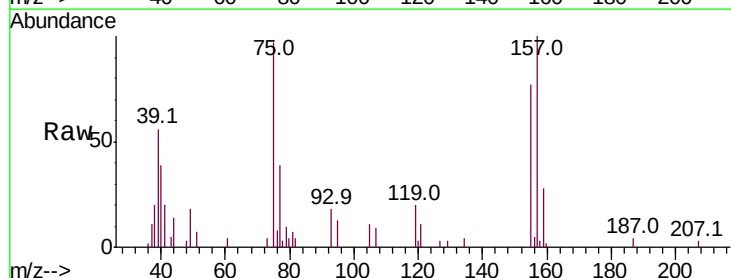
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0929SBS01

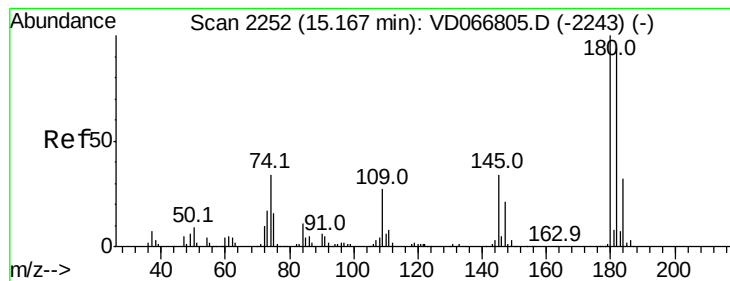
Tot Ion:146 Resp: 176622
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.9 62.7
 148 63.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.999 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066929.D
 Acq: 29 Sep 2020 10:49

Tgt Ion: 75 Resp: 11310
 Ion Ratio Lower Upper
 75 100
 155 93.7 40.4 121.2
 157 118.7 51.3 153.9





#93

1,2,4-Trichlorobenzene

Concen: 20.881 ug/l

RT: 15.17 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

Instrument :

MSVOA_D

ClientSampleId :

VD0929SBS01

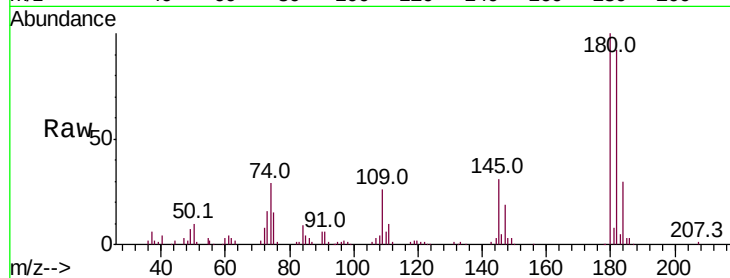
Tot Ion:180 Resp: 111438

Ion Ratio Lower Upper

180 100

182 95.0 48.8 146.3

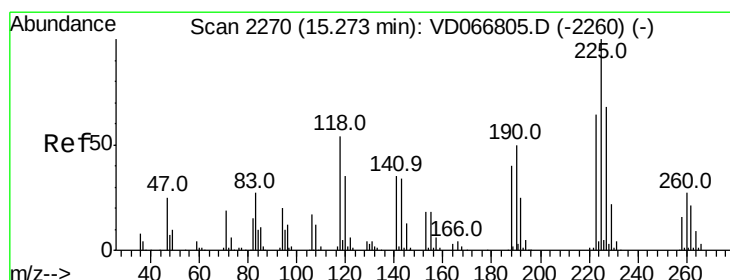
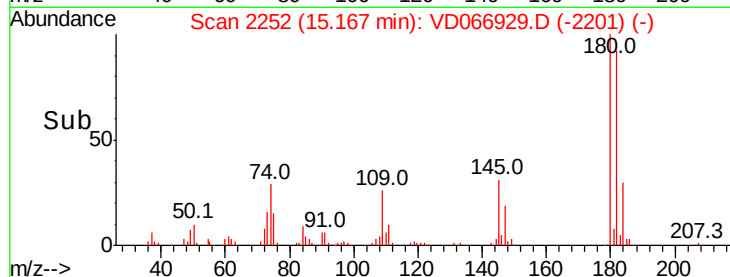
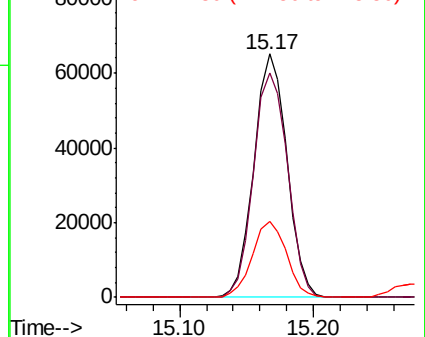
145 32.0 16.7 50.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.956 ug/l

RT: 15.27 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VD066929.D

Acq: 29 Sep 2020 10:49

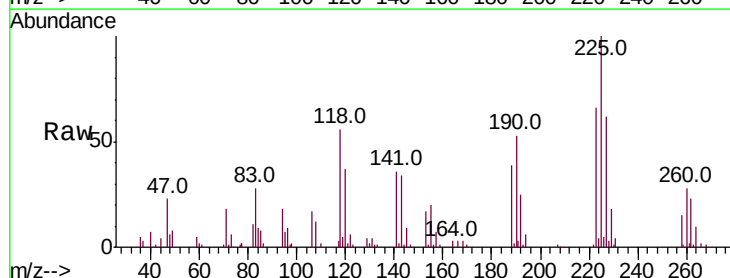
Tgt Ion:225 Resp: 67020

Ion Ratio Lower Upper

225 100

223 65.6 31.1 93.3

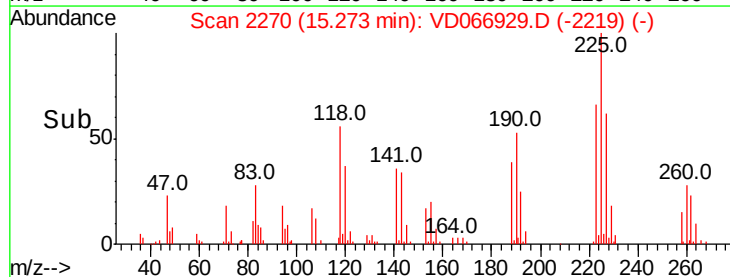
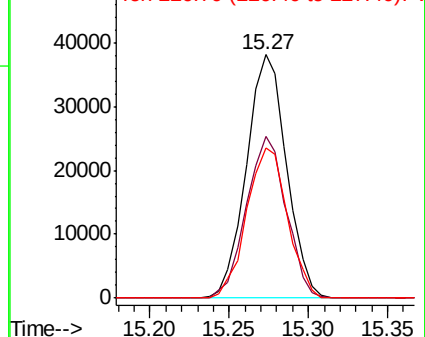
227 62.8 31.7 95.1

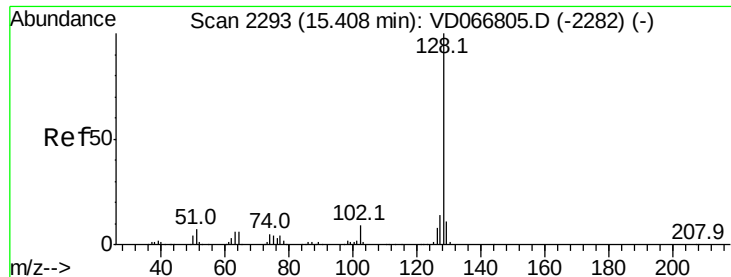


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

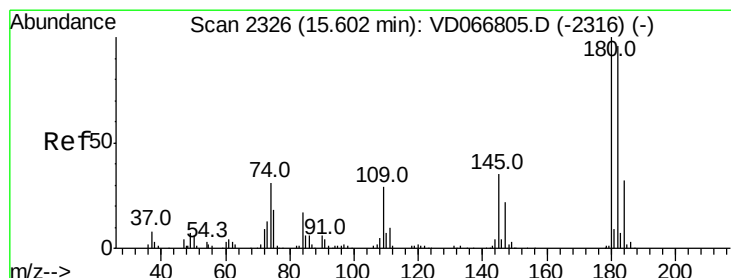
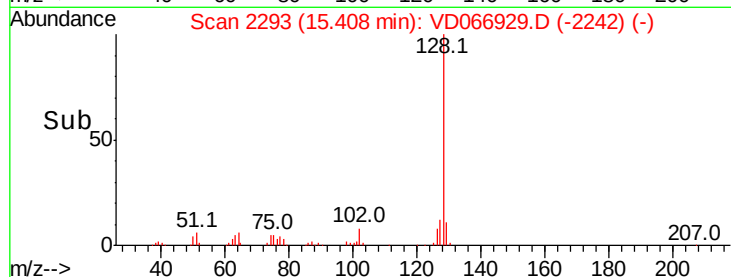
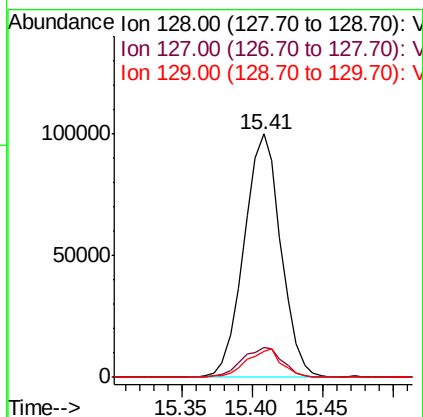
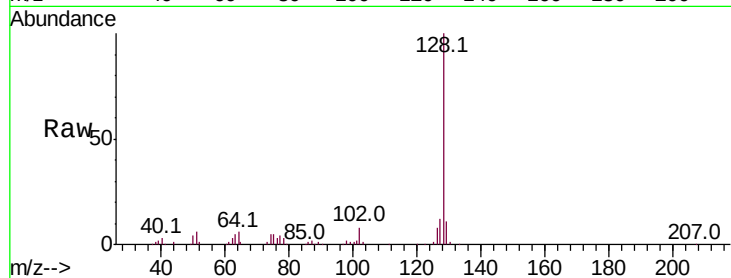




#95
Naphthalene
Concen: 20.201 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Instrument :
MSVOA_D
ClientSampleId :
VD0929SBS01

Tot Ion:128 Resp: 183036
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.437 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066929.D
Acq: 29 Sep 2020 10:49

Tgt Ion:180 Resp: 98746
Ion Ratio Lower Upper
180 100
182 95.8 46.8 140.3
145 34.8 17.0 51.0

