

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066947.D
 Acq On : 29 Sep 2020 19:04
 Operator : VA/SY
 Sample : L4179-10MSD
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MSD

Quant Time: Sep 30 02:38:07 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	345321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	576753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	490777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	203762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	165114	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	7.91	113	184642	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	10.34	98	591555	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
62) 4-Bromofluorobenzene	12.63	95	194056	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	124782	52.062	ug/l	95
3) Chloromethane	2.21	50	140472	44.274	ug/l	97
4) Vinyl Chloride	2.35	62	145290	46.352	ug/l	95
5) Bromomethane	2.77	94	108140	49.084	ug/l	99
6) Chloroethane	2.93	64	92532	47.537	ug/l	90
7) Trichlorofluoromethane	3.27	101	304381	47.283	ug/l	97
8) Diethyl Ether	3.71	74	95901	58.681	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	173081	46.367	ug/l	98
10) Methyl Iodide	4.30	142	191851	58.243	ug/l	97
11) Tert butyl alcohol	5.21	59	51275	251.390	ug/l #	72
12) 1,1-Dichloroethene	4.07	96	177556	52.508	ug/l	97
13) Acrolein	3.92	56	59495	238.618	ug/l	90
14) Allyl chloride	4.71	41	264437	53.256	ug/l	96
15) Acrylonitrile	5.43	53	191916	264.987	ug/l	98
16) Acetone	4.16	43	145473	202.895	ug/l	100
17) Carbon Disulfide	4.41	76	487936	47.198	ug/l	98
18) Methyl Acetate	4.71	43	113085	72.307	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	435896	59.359	ug/l	98
20) Methylene Chloride	4.96	84	233410	61.679	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	215395	55.013	ug/l	98
22) Diisopropyl ether	6.37	45	601698	58.936	ug/l	96
23) Vinyl Acetate	6.31	43	1254783	226.628	ug/l	98
24) 1,1-Dichloroethane	6.27	63	374499	54.832	ug/l	98
25) 2-Butanone	7.21	43	220779	256.236	ug/l	97
26) 2,2-Dichloropropane	7.21	77	294695	47.076	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	246721	57.996	ug/l	97
28) Bromochloromethane	7.54	49	158379	56.131	ug/l #	91
29) Tetrahydrofuran	7.56	42	144987	262.617	ug/l	95
30) Chloroform	7.71	83	408214	55.447	ug/l	99
31) Cyclohexane	7.98	56	237226	38.602	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	346433	52.017	ug/l	98
36) 1,1-Dichloropropene	8.11	75	268449	46.916	ug/l	98
37) Ethyl Acetate	7.29	43	100115	48.400	ug/l #	93
38) Carbon Tetrachloride	8.10	117	292096	46.694	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	220466	33.559	ug/l	99
40) Benzene	8.35	78	838646	52.590	ug/l	99
41) Methacrylonitrile	7.53	41	62288	48.966	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	247500	52.500	ug/l	100
43) Isopropyl Acetate	8.45	43	196116	49.177	ug/l	98
44) Trichloroethene	9.11	130	231460	50.922	ug/l	96
45) 1,2-Dichloropropane	9.38	63	215775	53.780	ug/l	98
46) Dibromomethane	9.47	93	117186	53.757	ug/l	97
47) Bromodichloromethane	9.66	83	314652	53.732	ug/l #	98
48) Methyl methacrylate	9.46	41	107866	54.859	ug/l	97
49) 1,4-Dioxane	9.46	88	27535	1126.991	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	534854	264.685	ug/l	99
52) Toluene	10.40	92	528940	51.494	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	269066	53.983	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	331408	54.530	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	158278	52.816	ug/l	98
56) Ethyl methacrylate	10.66	69	179804	56.007	ug/l	97
57) 1,3-Dichloropropane	10.94	76	262991	53.147	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	377077	248.060	ug/l	97
59) 2-Hexanone	10.98	43	347667	255.127	ug/l	96
60) Dibromochloromethane	11.14	129	210927	53.929	ug/l	99
61) 1,2-Dibromoethane	11.24	107	152831	54.829	ug/l	99
64) Tetrachloroethene	10.87	164	188587	53.421	ug/l	96
65) Chlorobenzene	11.67	112	551739	54.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	218195	56.433	ug/l	99
67) Ethyl Benzene	11.74	91	930133	51.840	ug/l	97
68) m/p-Xylenes	11.85	106	716300	105.444	ug/l	99
69) o-Xylene	12.18	106	337371	54.923	ug/l	98
70) Styrene	12.20	104	585624	54.899	ug/l	99
71) Bromoform	12.36	173	108070	55.204	ug/l #	99
73) Isopropylbenzene	12.48	105	824016	55.980	ug/l	98
74) N-amyl acetate	12.29	43	169002	58.793	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	155529	61.233	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	197037	116.685	ug/l #	100
77) Bromobenzene	12.76	156	215855	62.701	ug/l	93
78) n-propylbenzene	12.82	91	905977	51.160	ug/l	99
79) 2-Chlorotoluene	12.91	91	553907	54.890	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	677767	54.265	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	42895	63.555	ug/l	98
82) 4-Chlorotoluene	13.01	91	577884	54.325	ug/l	99
83) tert-Butylbenzene	13.23	119	522034	50.864	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	685291	55.332	ug/l	98
85) sec-Butylbenzene	13.40	105	656103	44.456	ug/l	99
86) p-Isopropyltoluene	13.52	119	614544	46.195	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	358165	52.660	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	355906	52.686	ug/l	99
89) n-Butylbenzene	13.85	91	481502	38.080	ug/l	99
90) Hexachloroethane	14.11	117	116288	43.057	ug/l	91
91) 1,2-Dichlorobenzene	13.89	146	314585	54.063	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	23897	58.486	ug/l	94

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

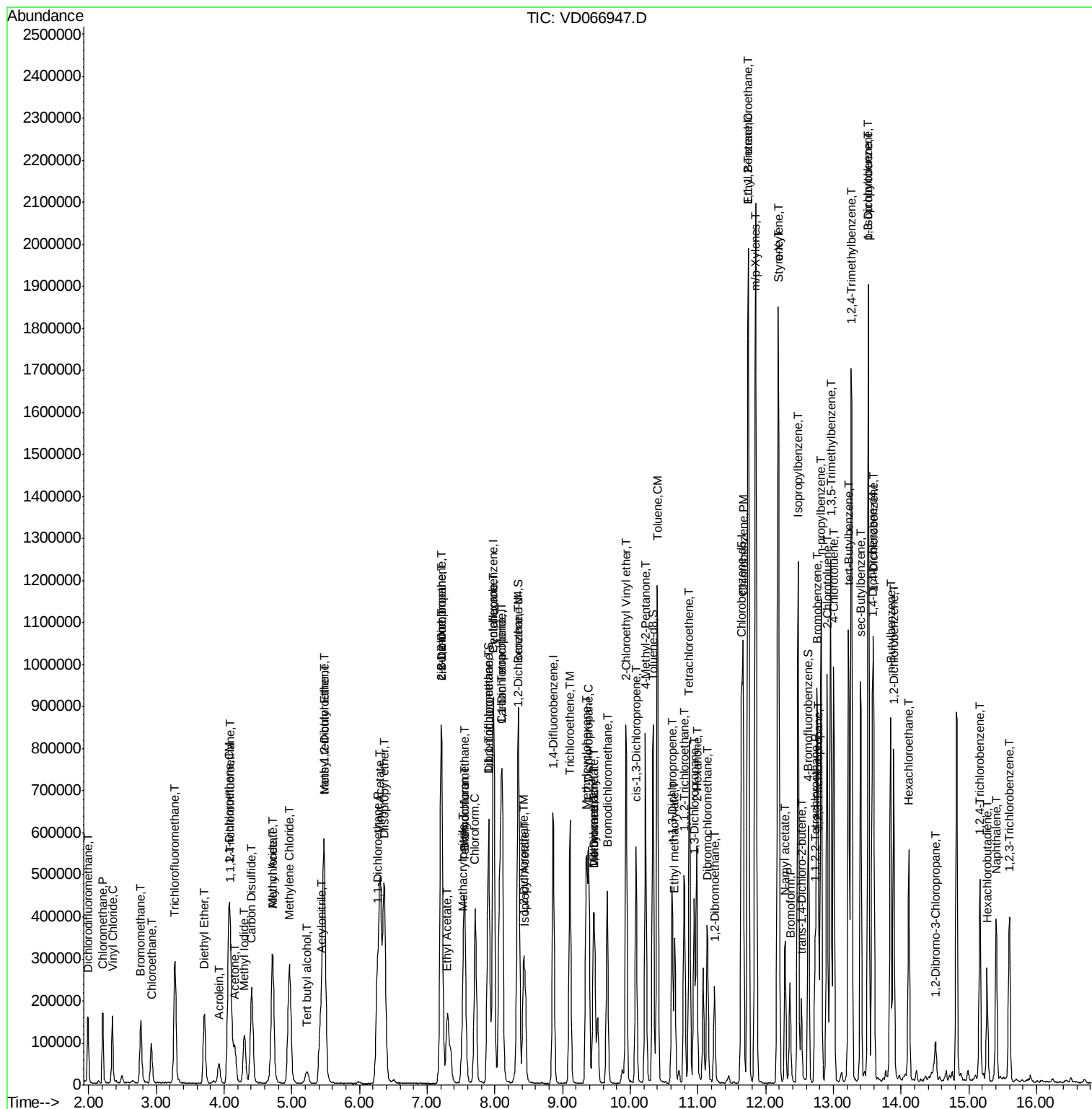
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	149554	40.828	ug/l	98
94) Hexachlorobutadiene	15.27	225	51077	23.269	ug/l	98
95) Naphthalene	15.41	128	349923	56.267	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	133685	42.284	ug/l	99

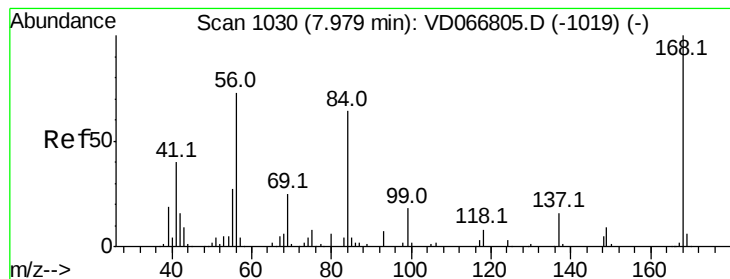
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092920\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

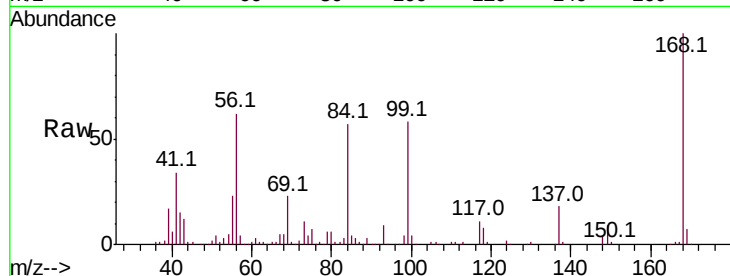
B-11(1-2)MSD

Tot Ion:168 Resp: 345321

Ion Ratio Lower Upper

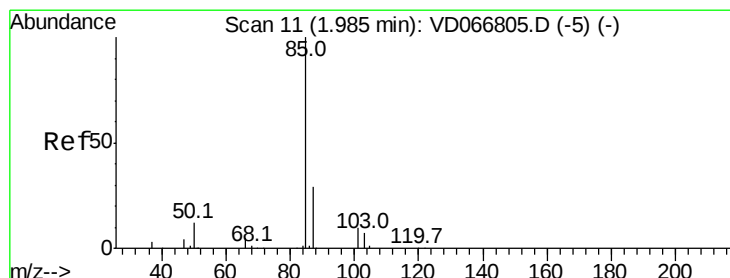
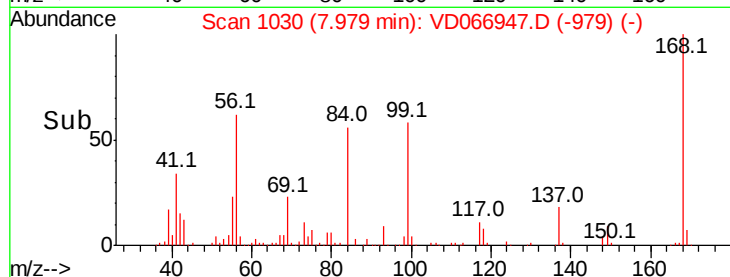
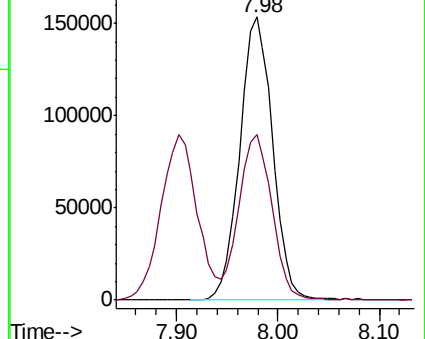
168 100

99 58.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 52.062 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066947.D

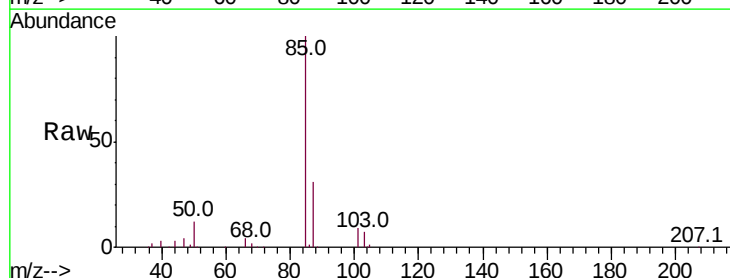
Acq: 29 Sep 2020 19:04

Tgt Ion: 85 Resp: 124782

Ion Ratio Lower Upper

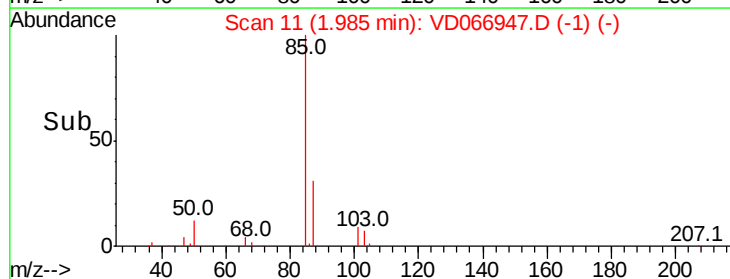
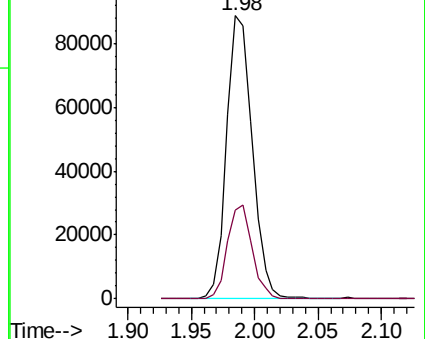
85 100

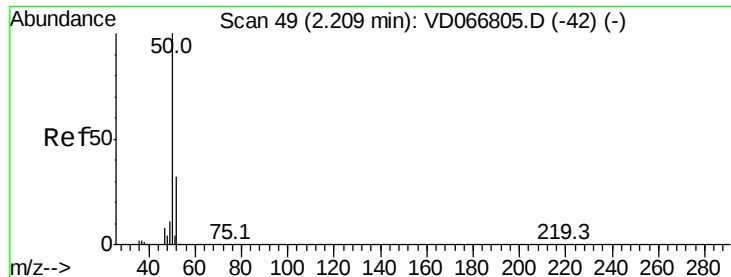
87 31.4 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 44.274 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

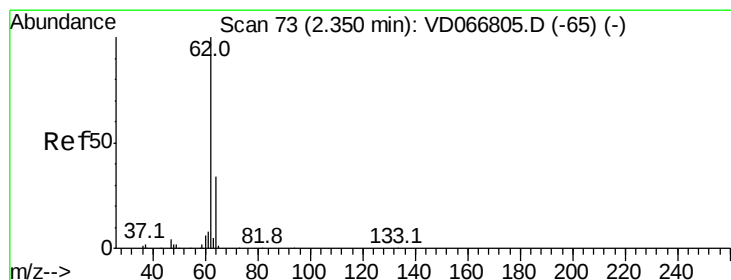
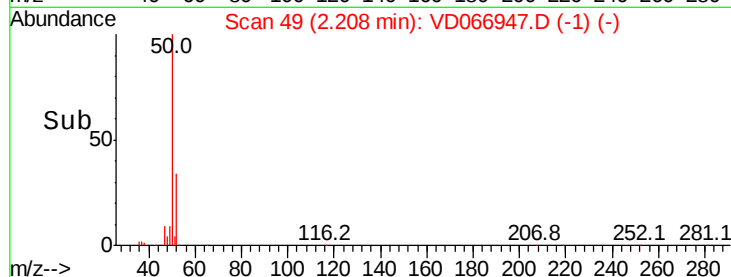
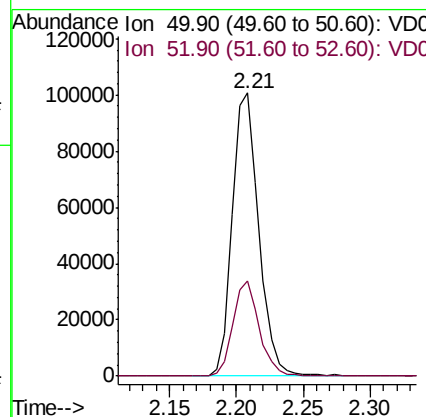
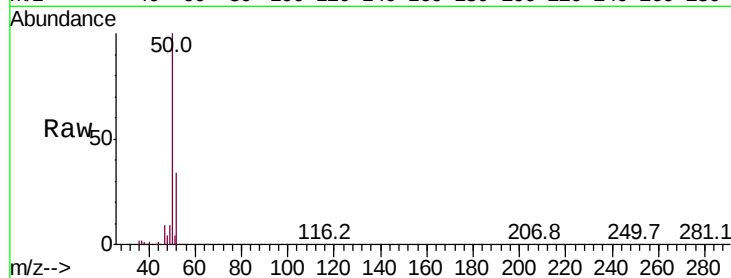
B-11(1-2)MSD

Tot Ion: 50 Resp: 140472

Ion Ratio Lower Upper

50 100

52 33.6 25.5 38.3



#4

Vinyl Chloride

Concen: 46.352 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066947.D

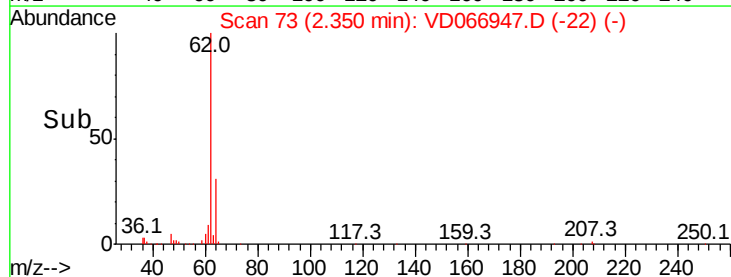
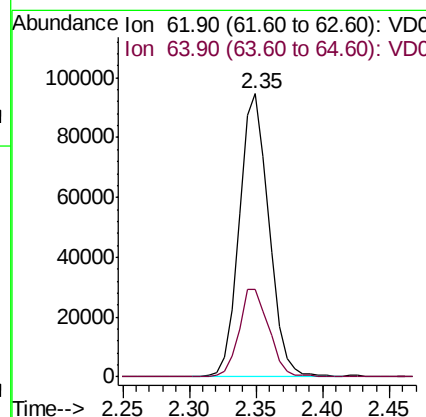
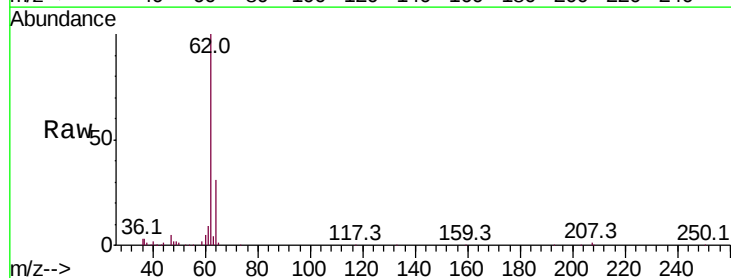
Acq: 29 Sep 2020 19:04

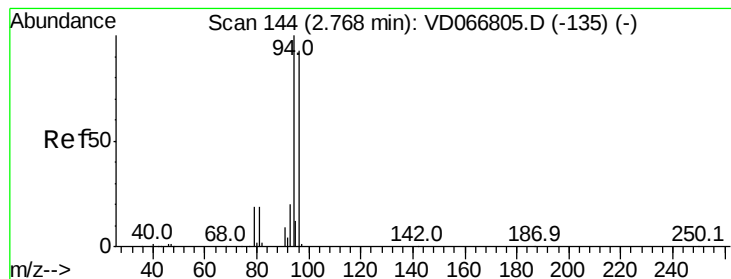
Tgt Ion: 62 Resp: 145290

Ion Ratio Lower Upper

62 100

64 30.7 27.0 40.4





#5

Bromomethane

Concen: 49.084 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

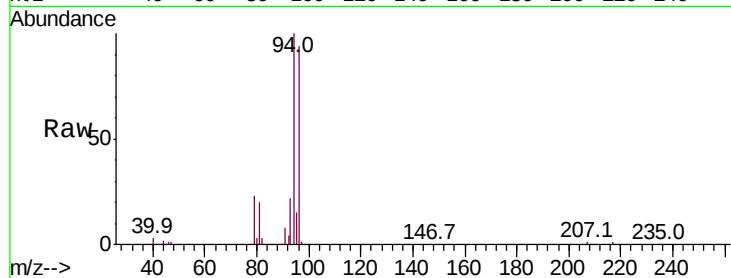
B-11(1-2)MSD

Tot Ion: 94 Resp: 108140

Ion Ratio Lower Upper

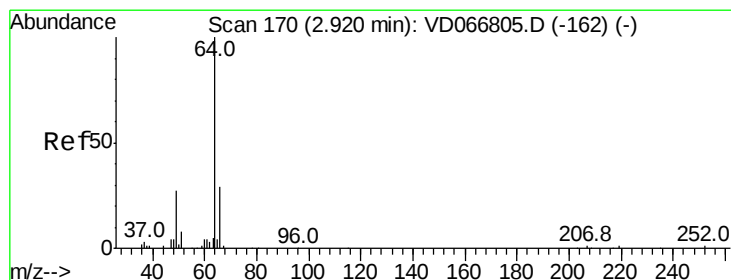
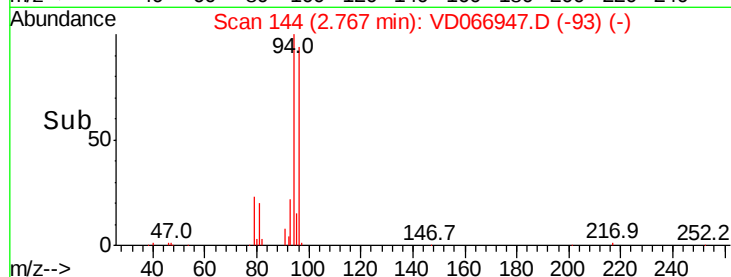
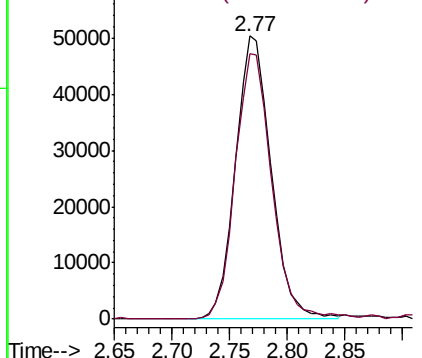
94 100

96 93.6 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: 47.537 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066947.D

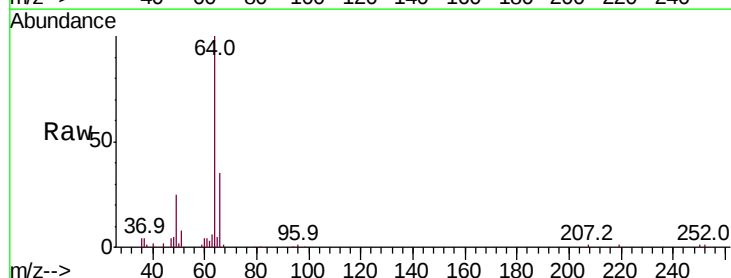
Acq: 29 Sep 2020 19:04

Tgt Ion: 64 Resp: 92532

Ion Ratio Lower Upper

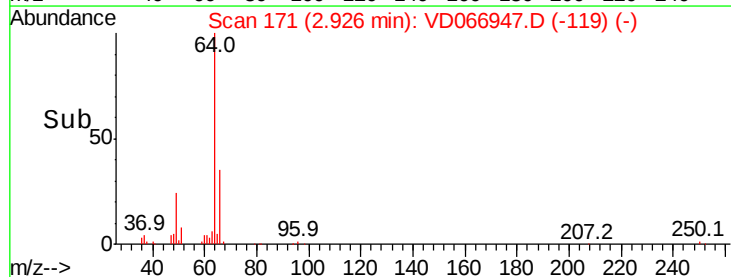
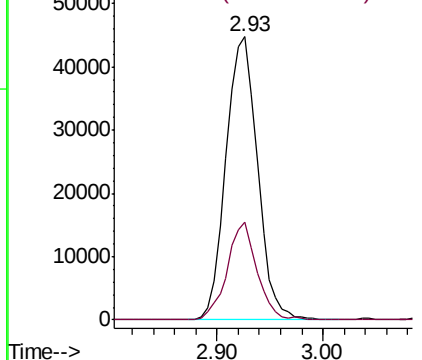
64 100

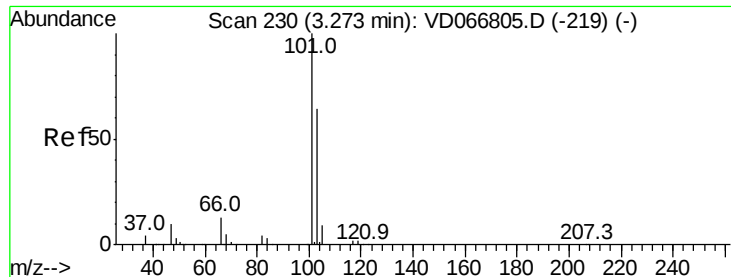
66 34.6 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



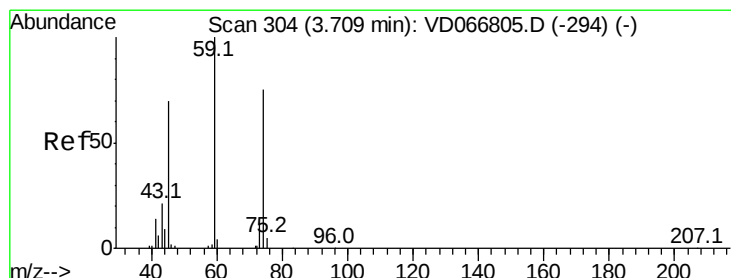
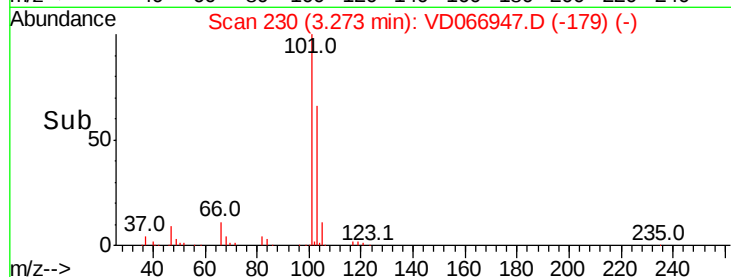
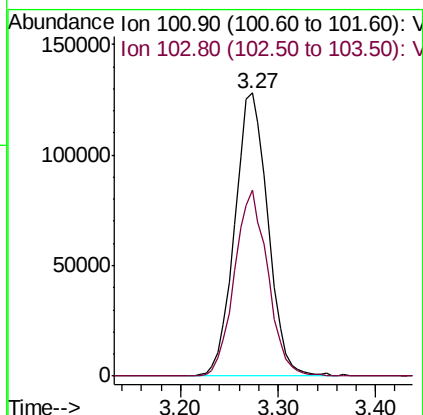
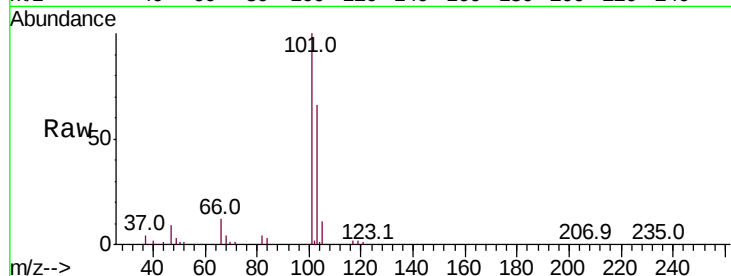


#7

Trichlorofluoromethane
 Concen: 47.283 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

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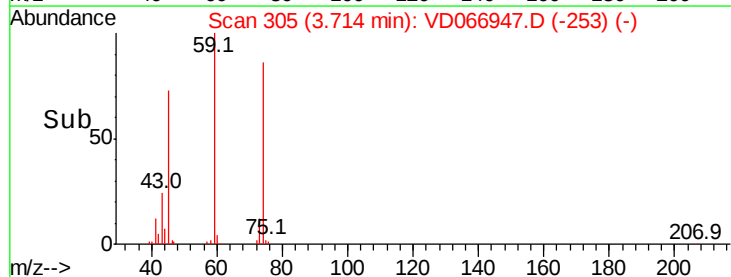
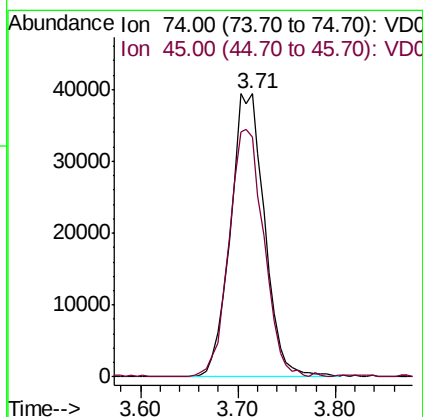
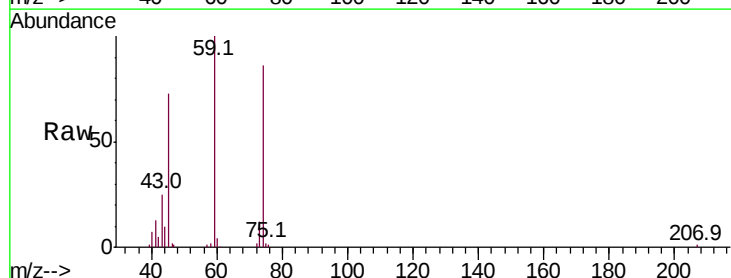
Tot Ion:101 Resp: 304381
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.0 76.6

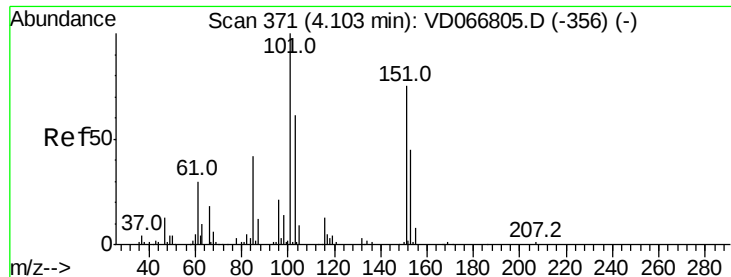


#8

Diethyl Ether
 Concen: 58.681 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

Tgt Ion: 74 Resp: 95901
 Ion Ratio Lower Upper
 74 100
 45 89.1 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.367 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MSD

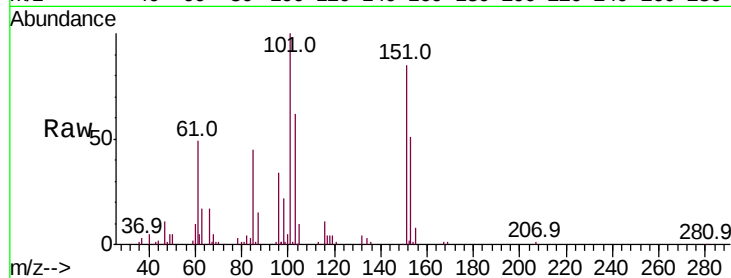
Tot Ion:101 Resp: 173081

Ion Ratio Lower Upper

101 100

85 42.6 35.4 53.2

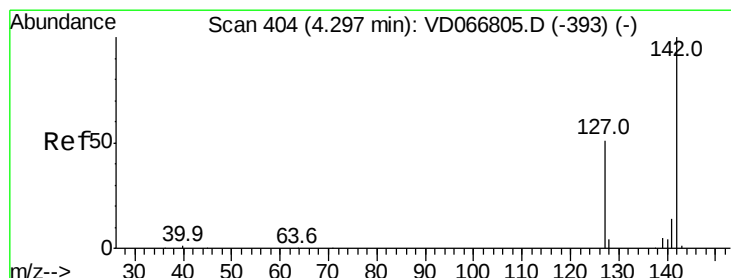
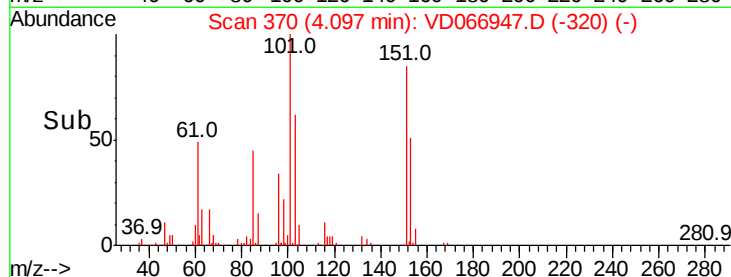
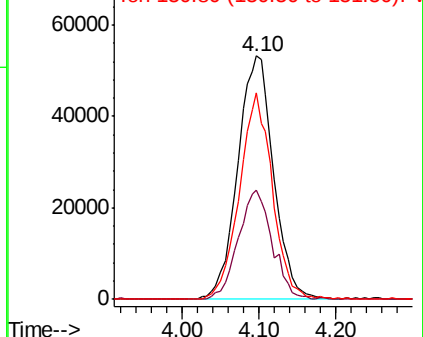
151 77.8 61.4 92.0



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: 58.243 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

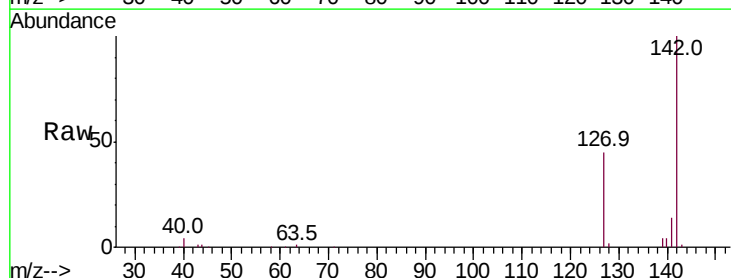
Tgt Ion:142 Resp: 191851

Ion Ratio Lower Upper

142 100

127 46.7 39.4 59.0

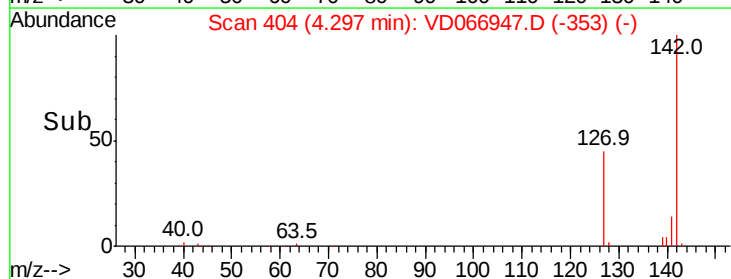
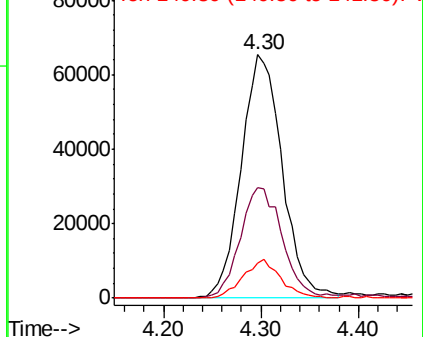
141 14.5 12.1 18.1

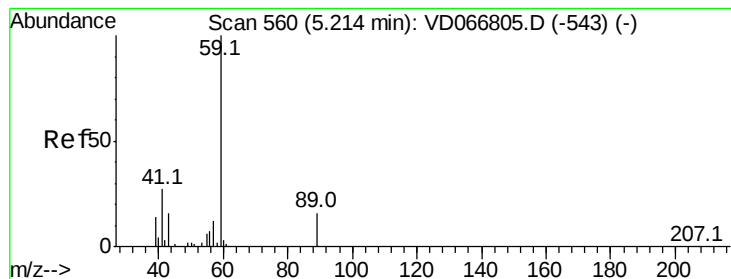


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 251.390 ug/l

RT: 5.21 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

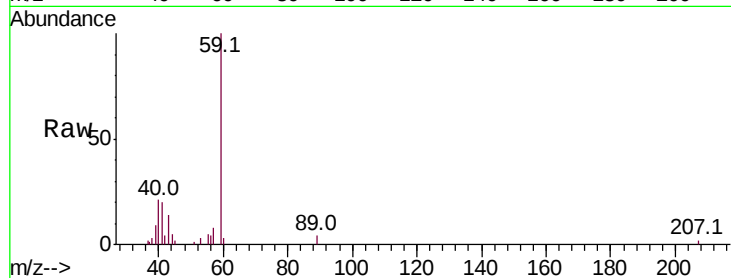
B-11(1-2)MSD

Tot Ion: 59 Resp: 51275

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

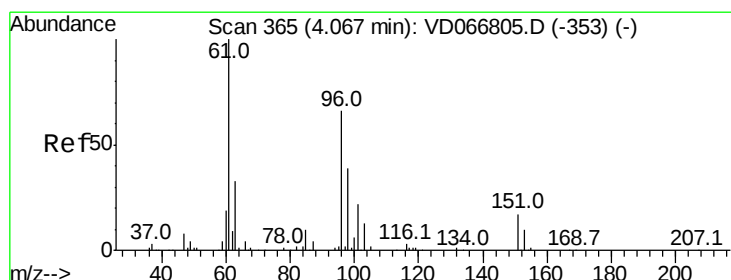
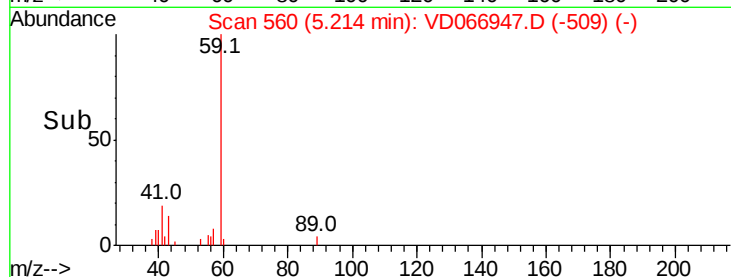
15000

10000

5000

0

Time-->



#12

1,1-Dichloroethene

Concen: 52.508 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

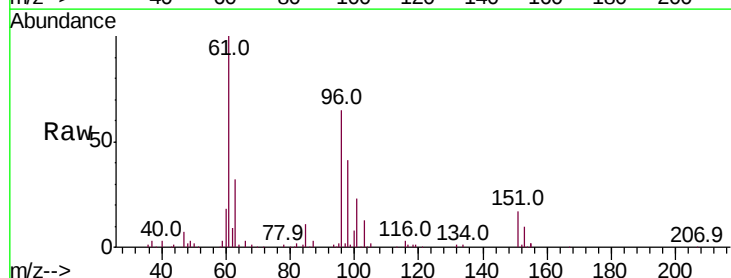
Tgt Ion: 96 Resp: 177556

Ion Ratio Lower Upper

96 100

61 154.4 120.8 181.2

98 62.7 47.7 71.5



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

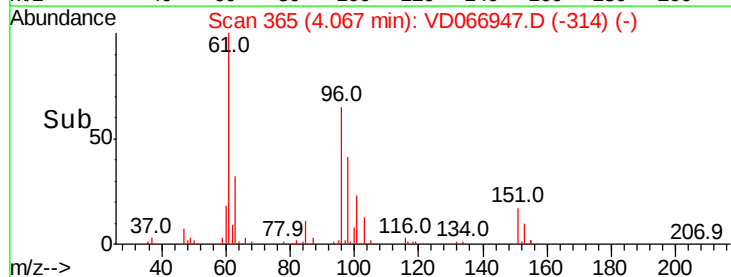
Ion 97.90 (97.60 to 98.60): VDC

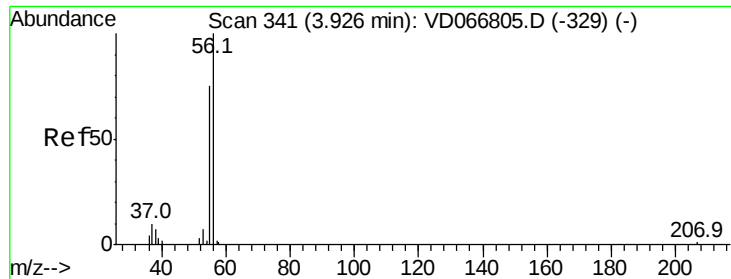
100000

50000

0

Time-->





#13

Acrolein

Concen: 238.618 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

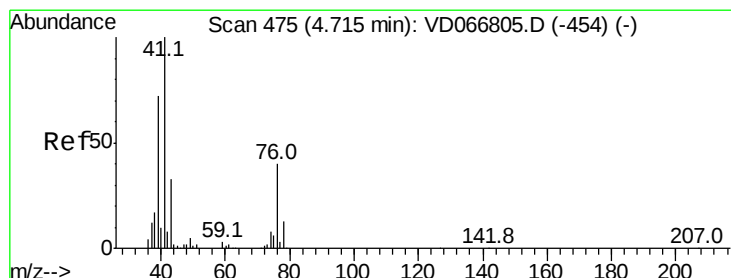
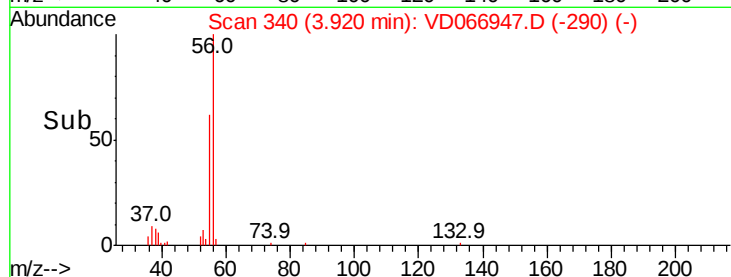
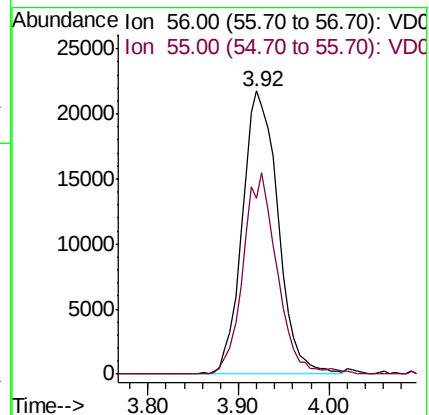
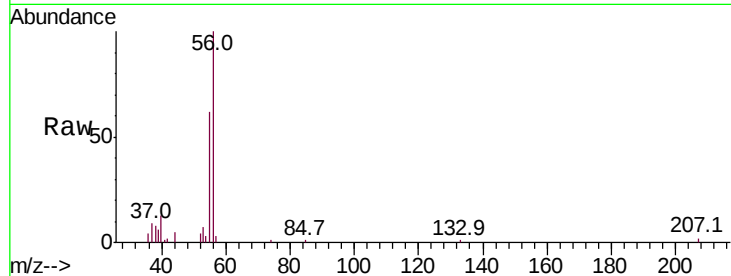
B-11(1-2)MSD

Tot Ion: 56 Resp: 59495

Ion Ratio Lower Upper

56 100

55 66.6 60.3 90.5



#14

Allyl chloride

Concen: 53.256 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

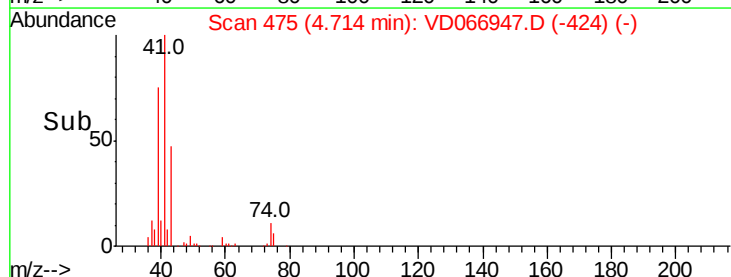
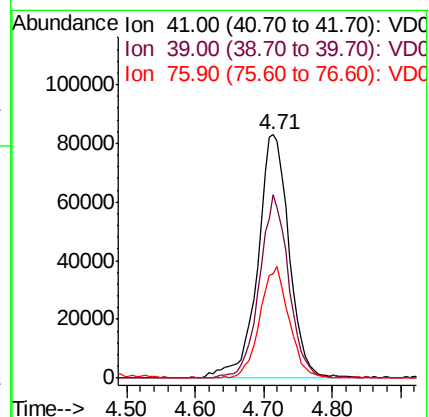
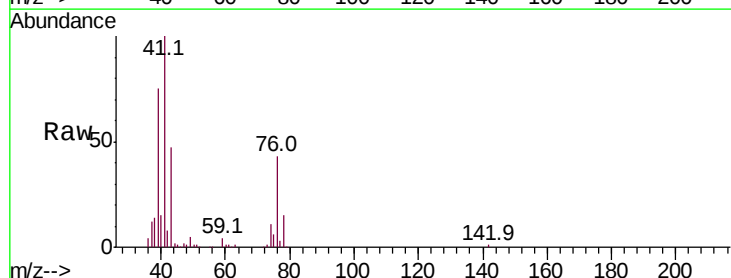
Tgt Ion: 41 Resp: 264437

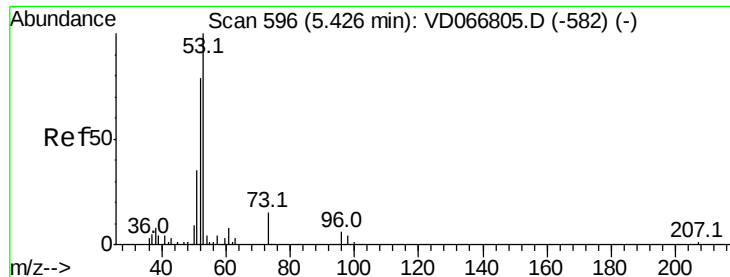
Ion Ratio Lower Upper

41 100

39 70.1 57.8 86.8

76 42.4 30.9 46.3





#15

Acrylonitrile

Concen: 264.987 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MSD

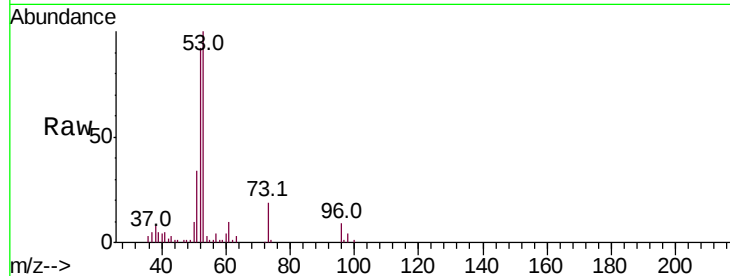
Tot Ion: 53 Resp: 191916

Ion Ratio Lower Upper

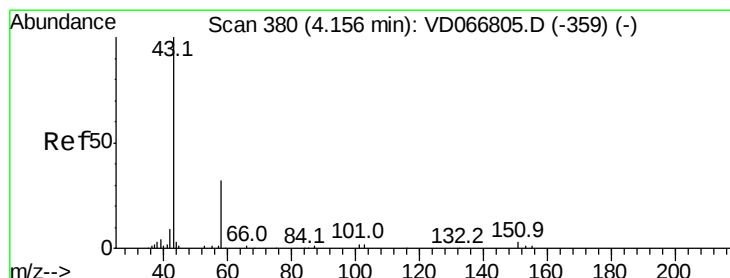
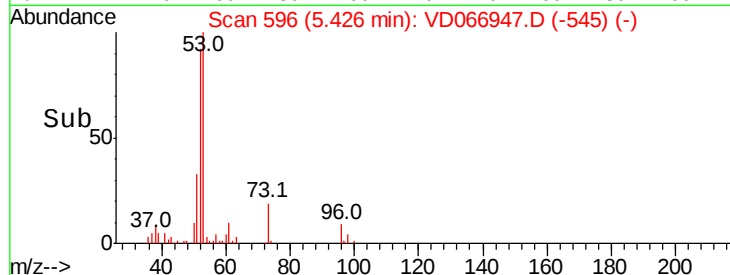
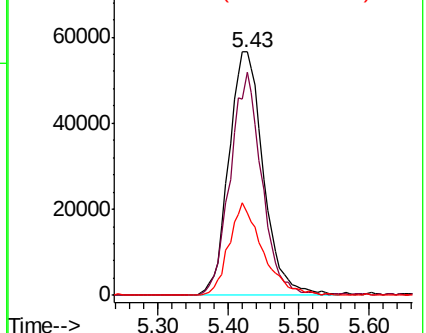
53 100

52 83.6 65.2 97.8

51 37.1 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: 202.895 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066947.D

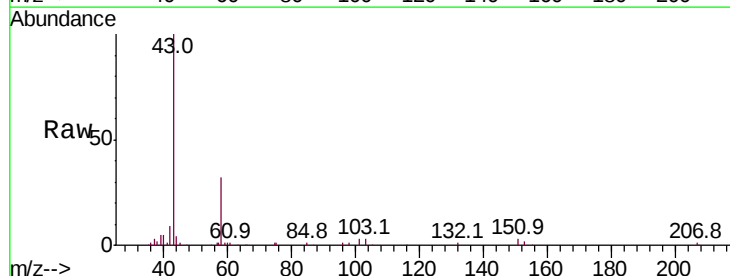
Acq: 29 Sep 2020 19:04

Tgt Ion: 43 Resp: 145473

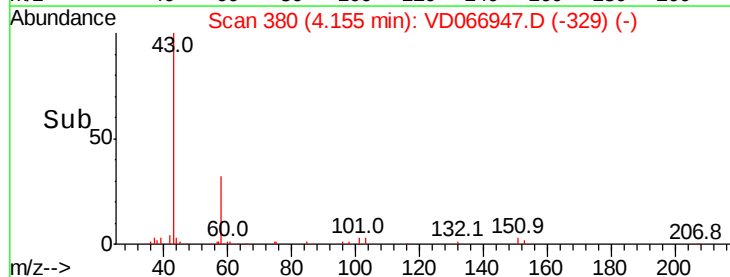
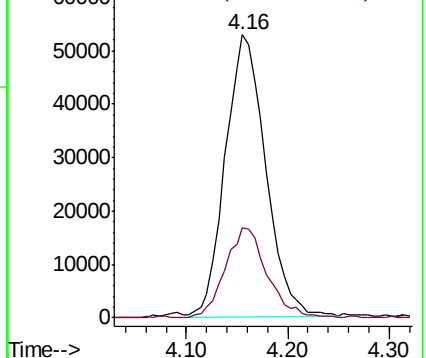
Ion Ratio Lower Upper

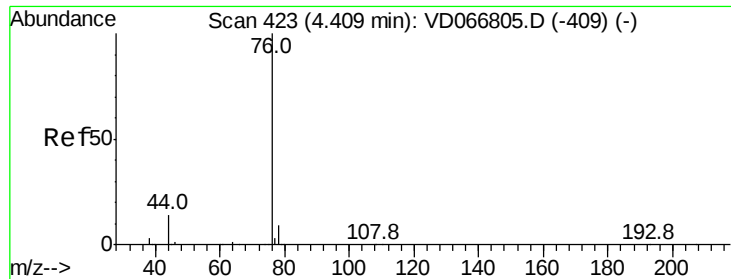
43 100

58 31.9 25.6 38.4



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

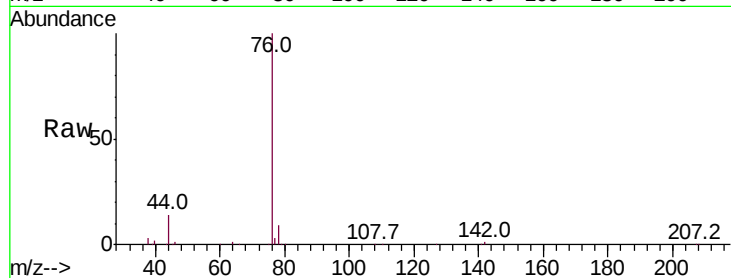




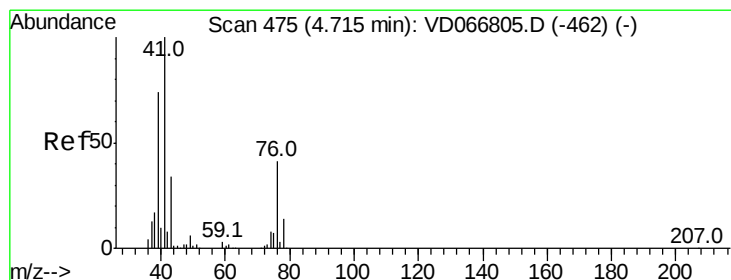
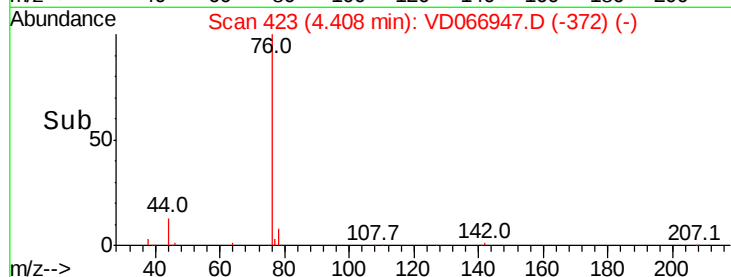
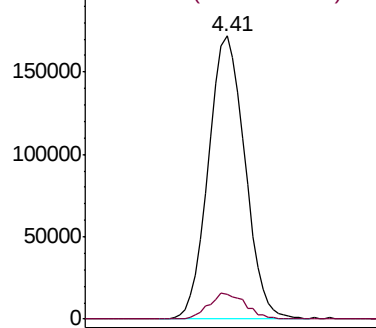
#17
Carbon Disulfide
Concen: 47.198 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MSD

Tot Ion: 76 Resp: 487936
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4

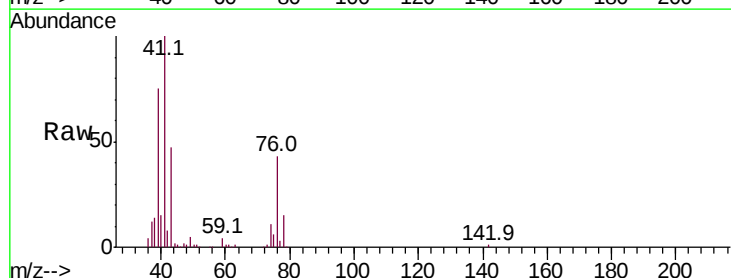


Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC

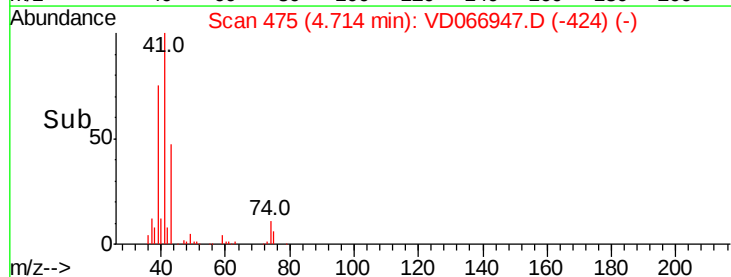
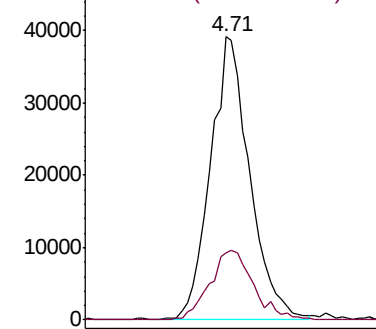


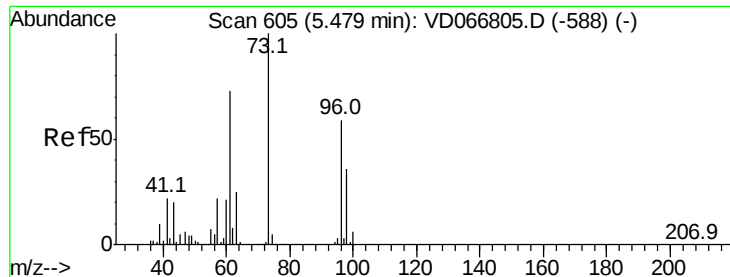
#18
Methyl Acetate
Concen: 72.307 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Tgt Ion: 43 Resp: 113085
Ion Ratio Lower Upper
43 100
74 27.3 20.3 30.5



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



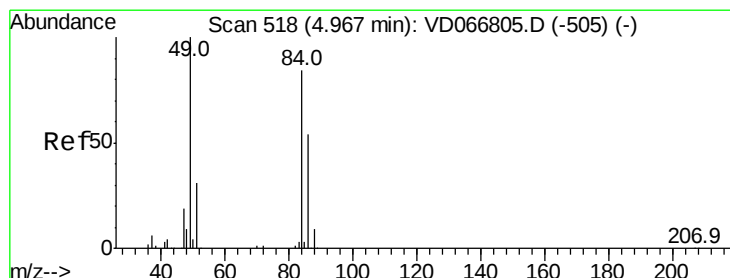
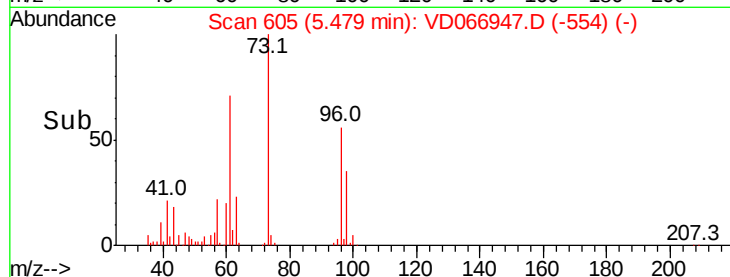
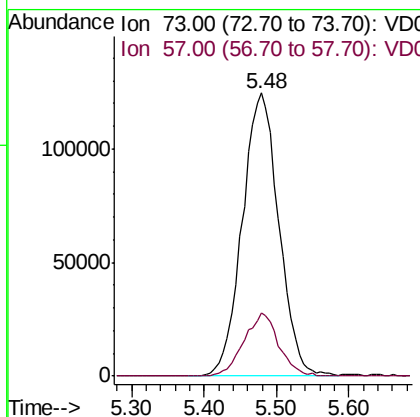
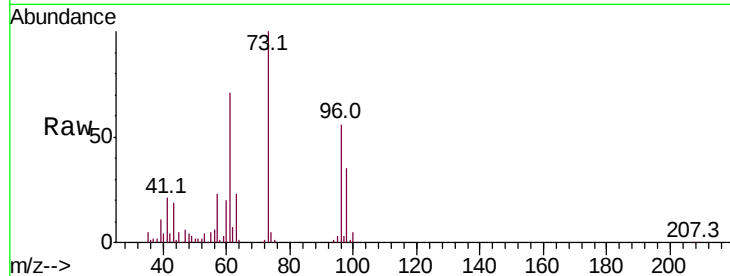


#19

Methyl tert-butyl Ether
 Concen: 59.359 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MSD

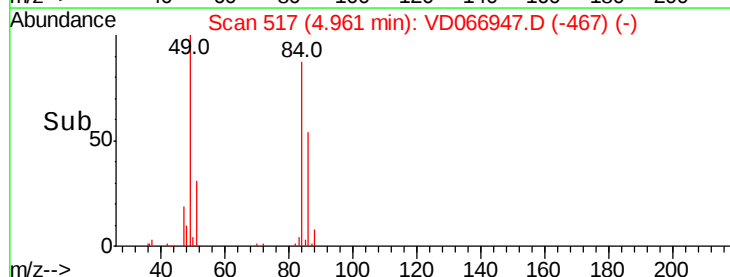
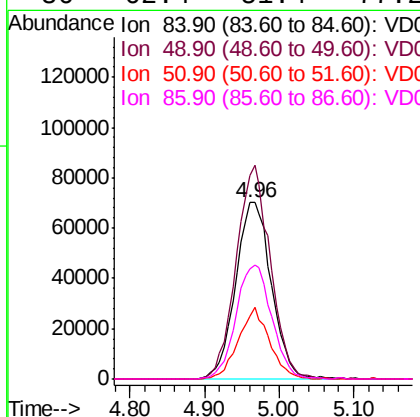
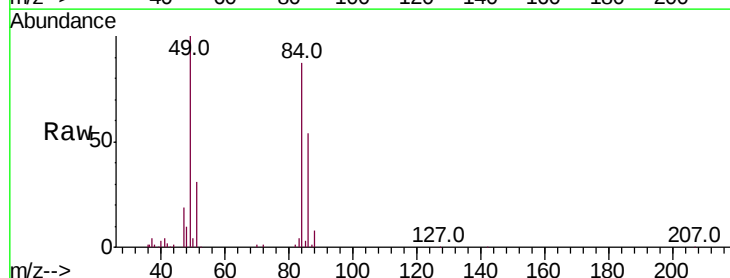
Tot Ion: 73 Resp: 435896
 Ion Ratio Lower Upper
 73 100
 57 22.6 17.4 26.2

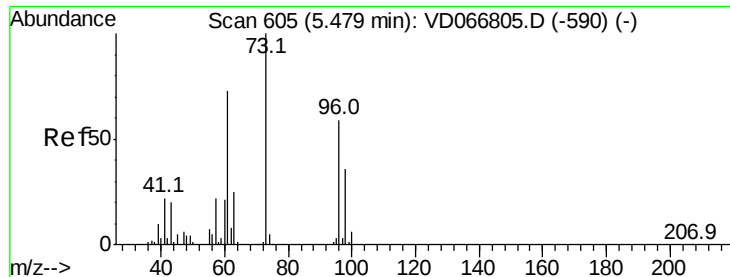


#20

Methylene Chloride
 Concen: 61.679 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

Tgt Ion: 84 Resp: 233410
 Ion Ratio Lower Upper
 84 100
 49 115.6 95.4 143.2
 51 35.7 29.7 44.5
 86 62.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 55.013 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MSD

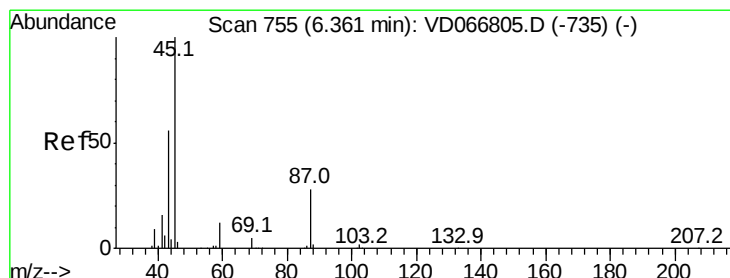
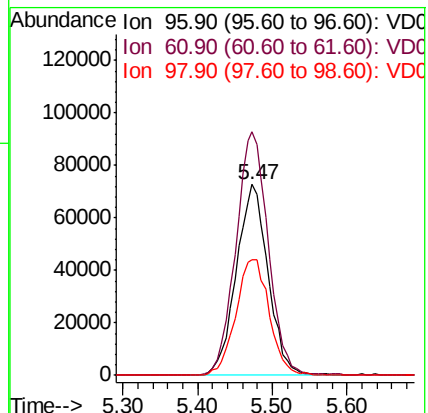
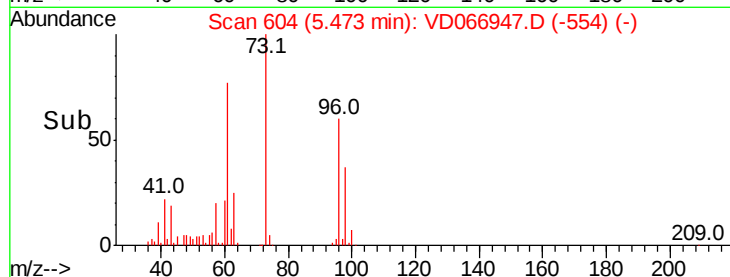
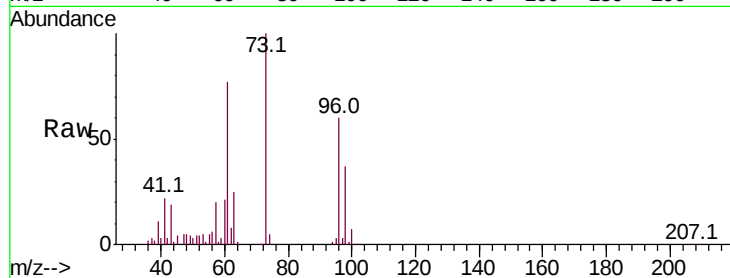
Tot Ion: 96 Resp: 215395

Ion Ratio Lower Upper

96 100

61 127.6 98.9 148.3

98 60.5 48.4 72.6



#22

Diisopropyl ether

Concen: 58.936 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Tgt Ion: 45 Resp: 601698

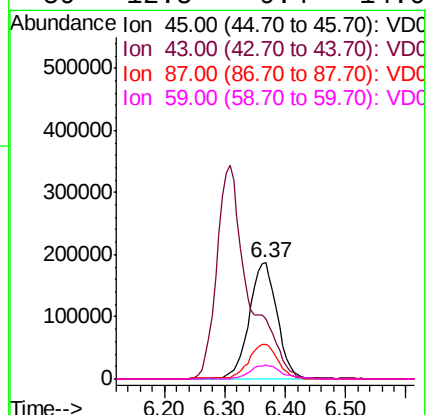
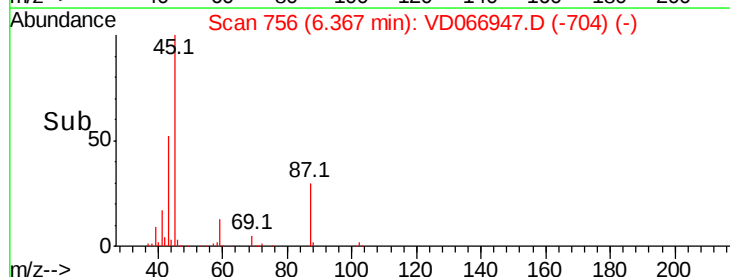
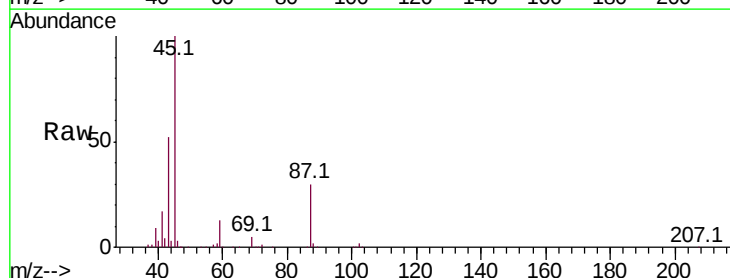
Ion Ratio Lower Upper

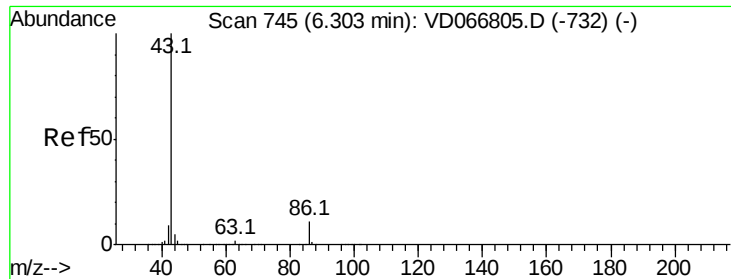
45 100

43 51.8 44.5 66.7

87 29.6 22.9 34.3

59 12.5 9.4 14.0

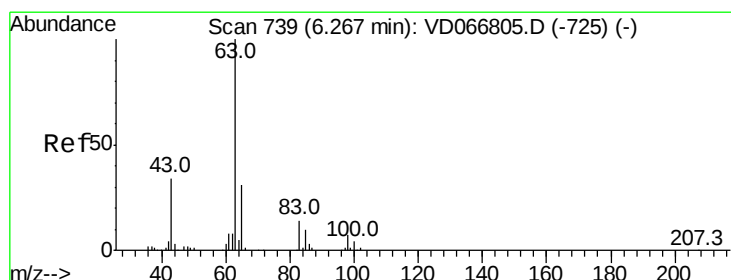
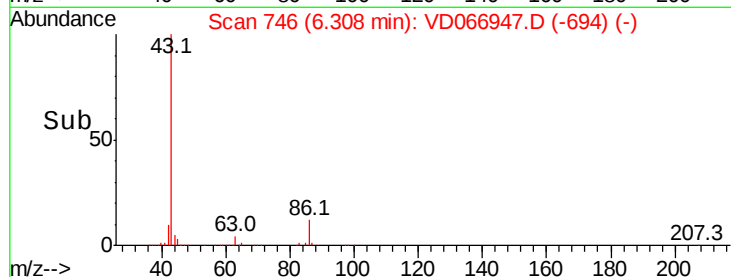
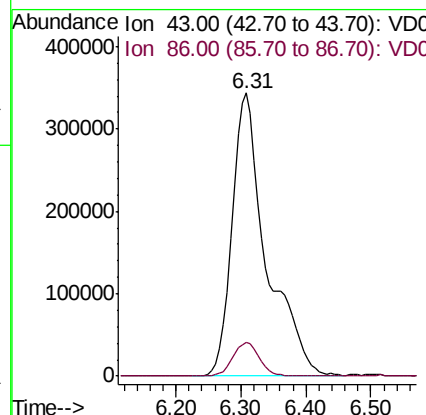
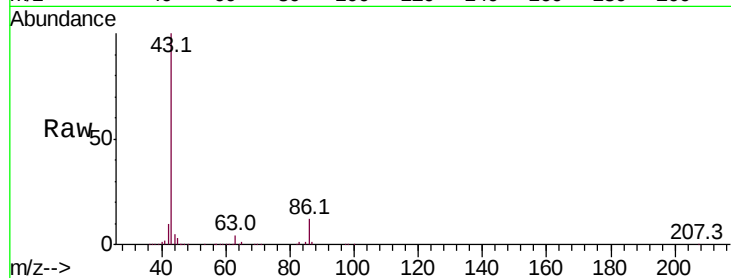




#23
 Vinyl Acetate
 Concen: 226.628 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

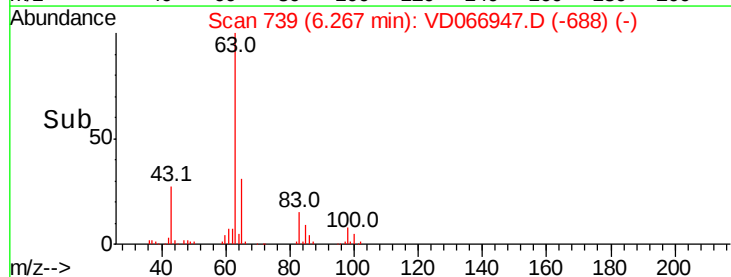
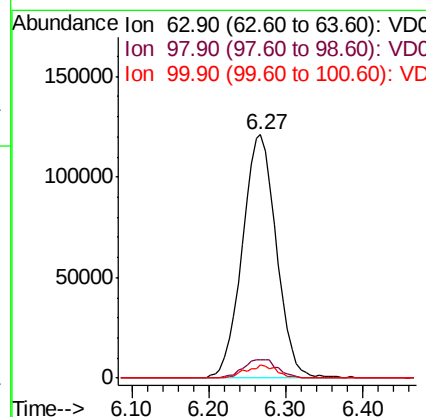
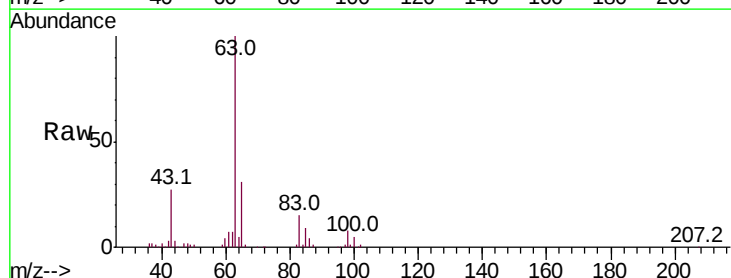
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MSD

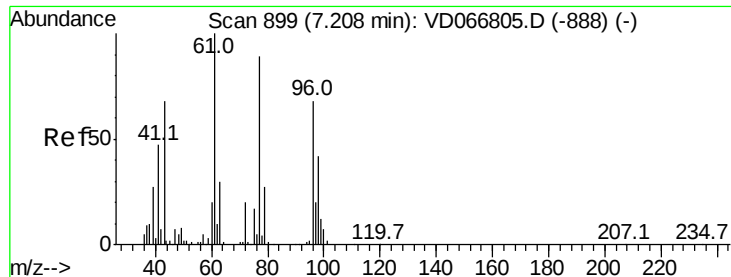
Tot Ion: 43 Resp: 1254783
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 54.832 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

Tgt Ion: 63 Resp: 374499
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 5.5 1.8 5.5





#25

2-Butanone

Concen: 256.236 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

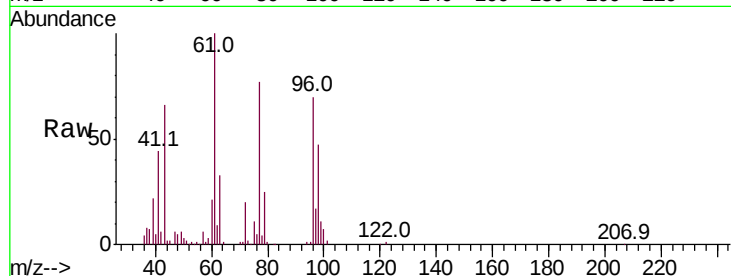
B-11(1-2)MSD

Tot Ion: 43 Resp: 220779

Ion Ratio Lower Upper

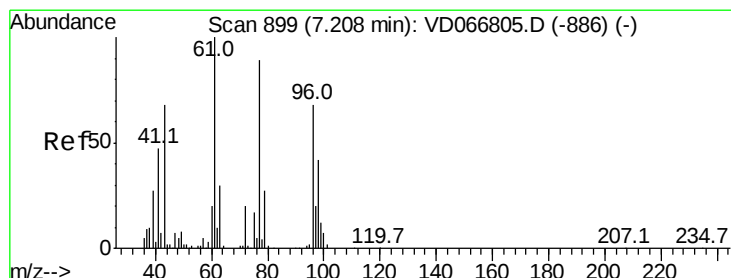
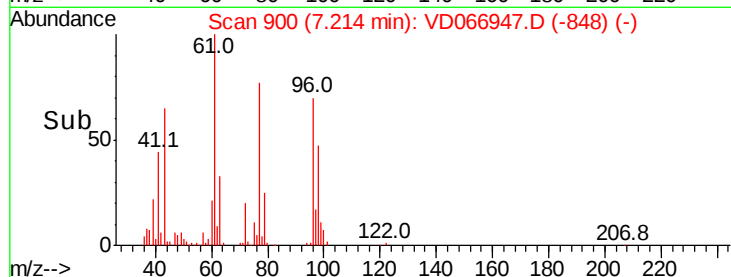
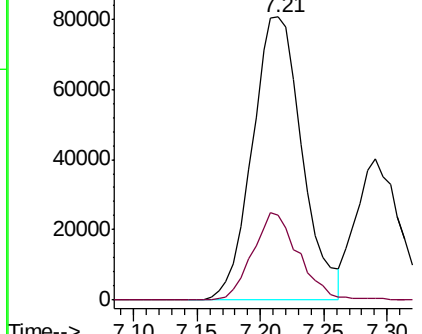
43 100

72 30.0 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 47.076 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066947.D

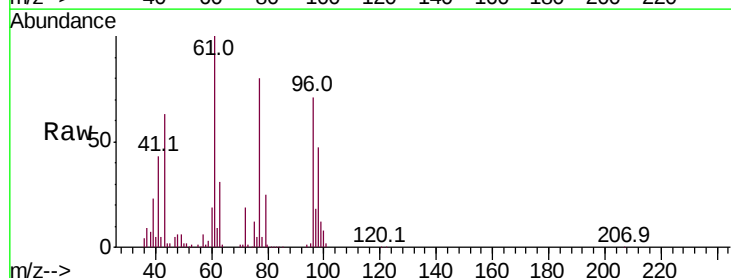
Acq: 29 Sep 2020 19:04

Tgt Ion: 77 Resp: 294695

Ion Ratio Lower Upper

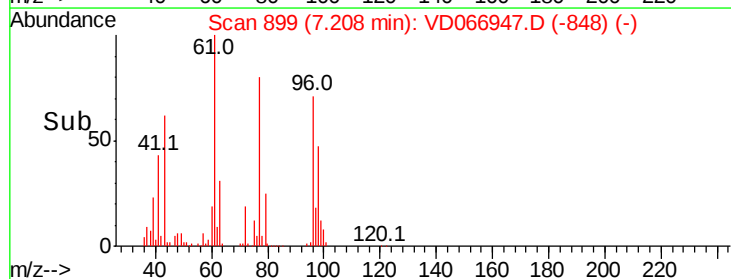
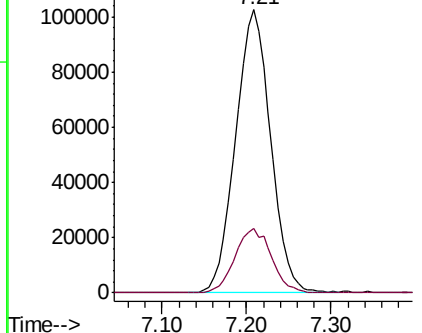
77 100

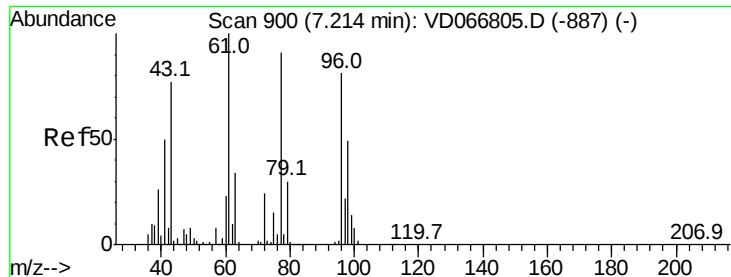
97 23.7 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



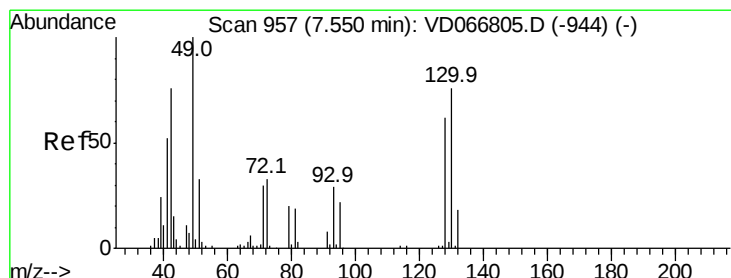
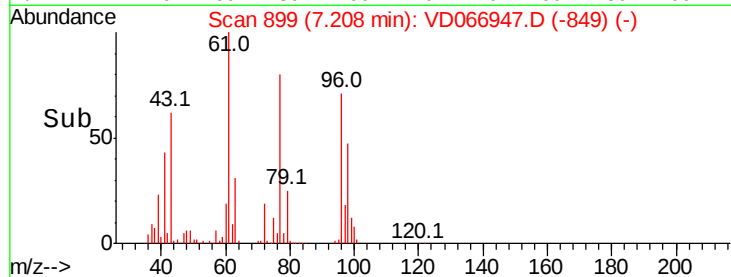
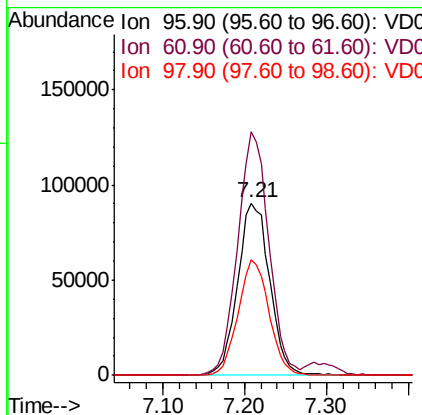
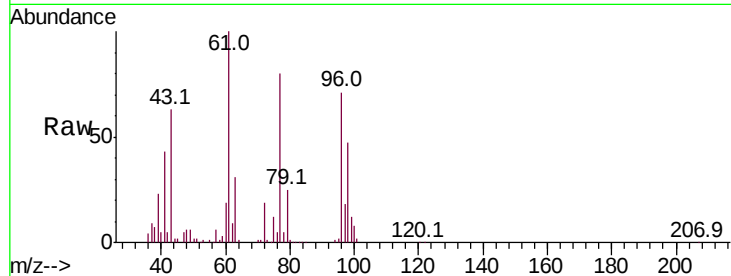


#27

cis-1,2-Dichloroethene
 Concen: 57.996 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MSD

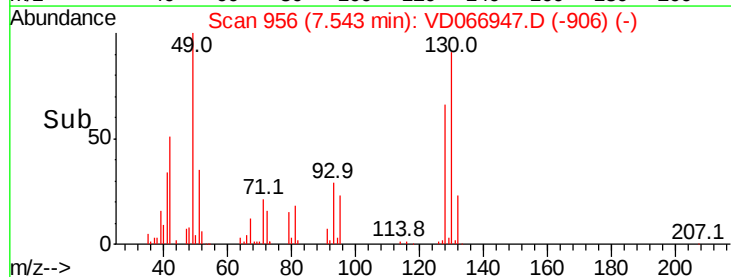
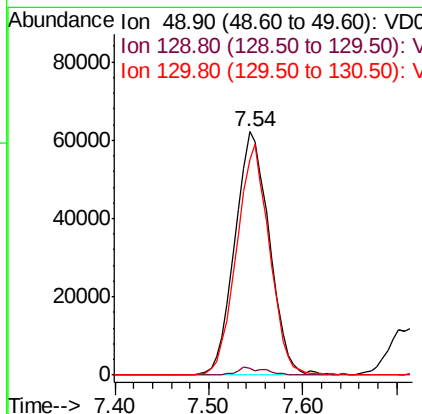
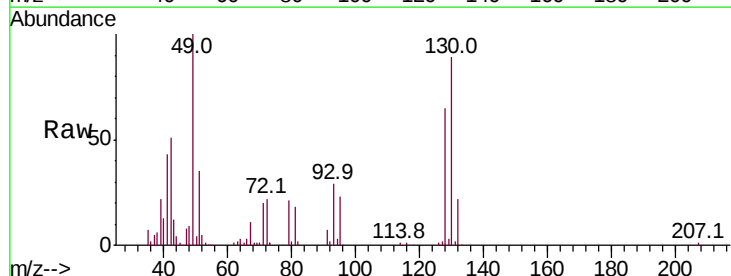
Tot Ion	96	Resp	246721
Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	283.8
98	64.8	0.0	128.4

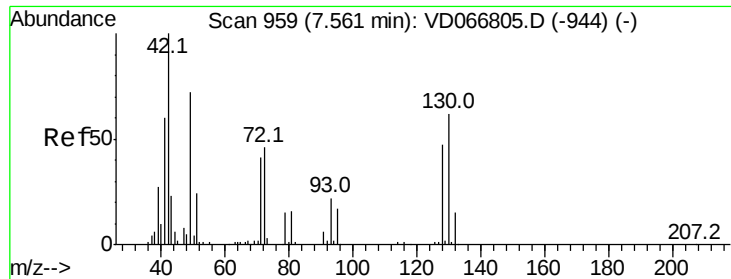


#28

Bromochloromethane
 Concen: 56.131 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

Tgt Ion	49	Resp	158379
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.0#
130	90.4	65.9	98.9

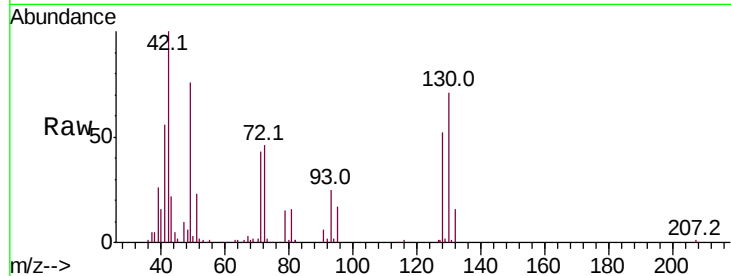




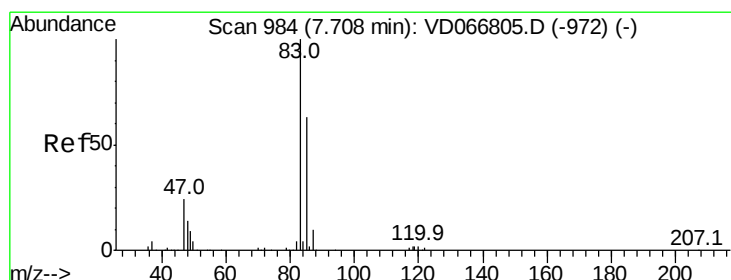
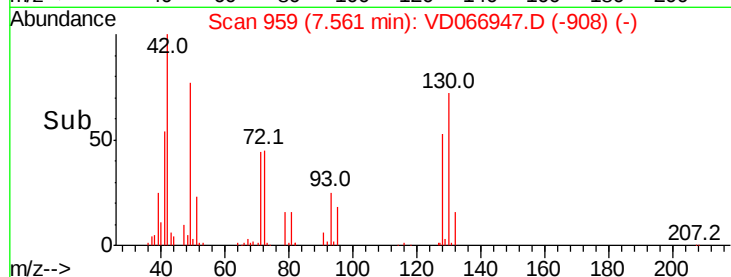
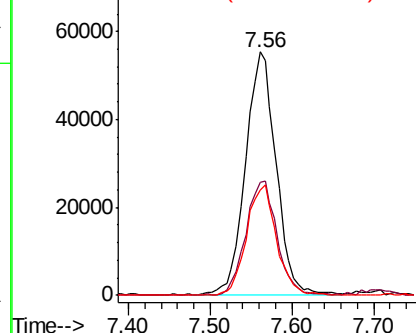
#29
Tetrahydrofuran
Concen: 262.617 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MSD

Tot Ion: 42 Resp: 144987
Ion Ratio Lower Upper
42 100
72 47.8 36.2 54.4
71 43.9 32.4 48.6

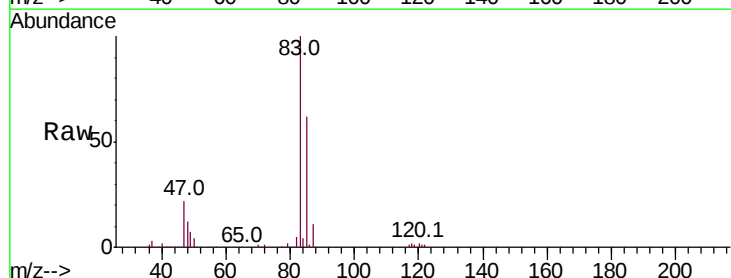


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

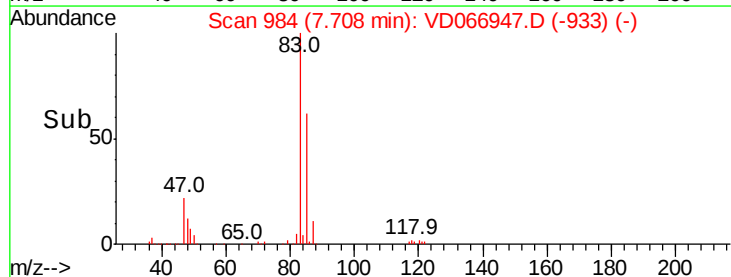
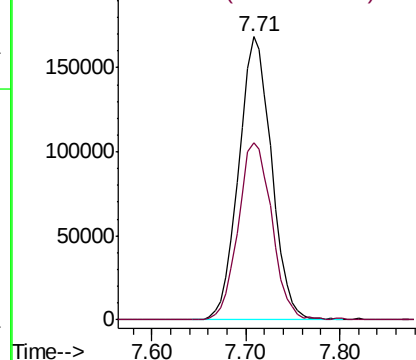


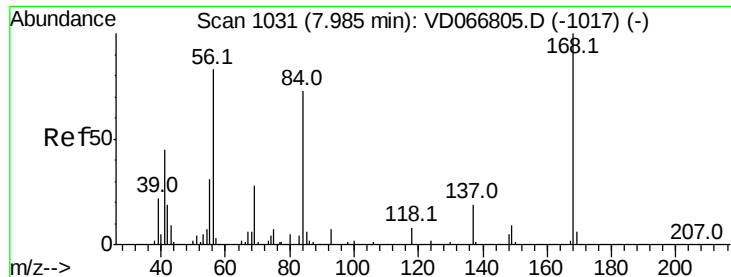
#30
Chloroform
Concen: 55.447 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Tgt Ion: 83 Resp: 408214
Ion Ratio Lower Upper
83 100
85 62.5 50.6 75.8



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

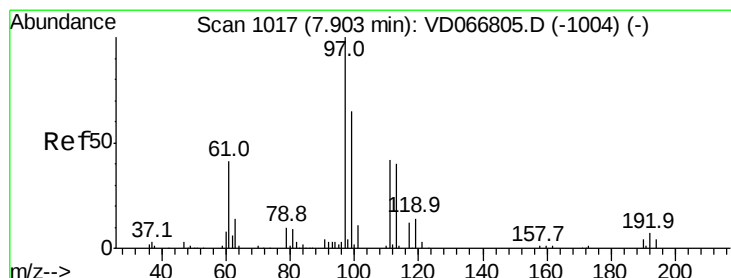
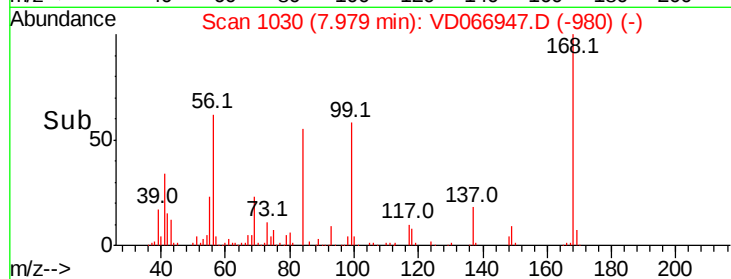
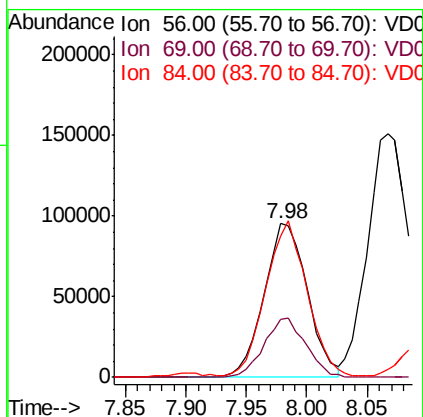
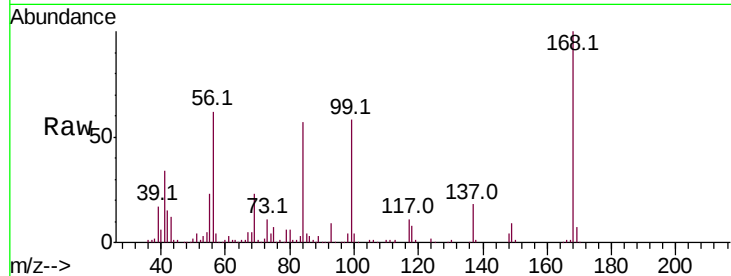




#31
Cyclohexane
Concen: 38.602 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

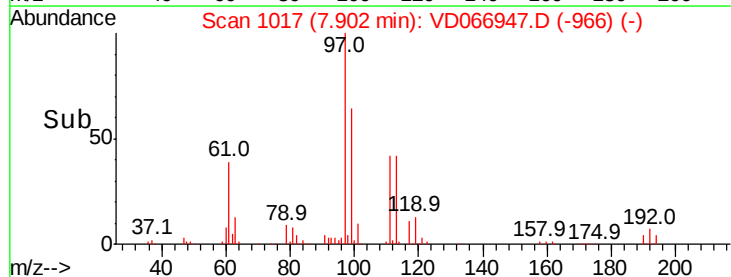
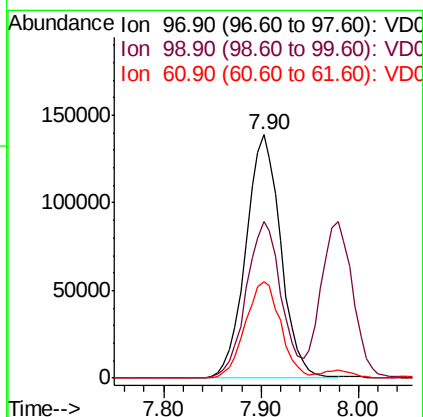
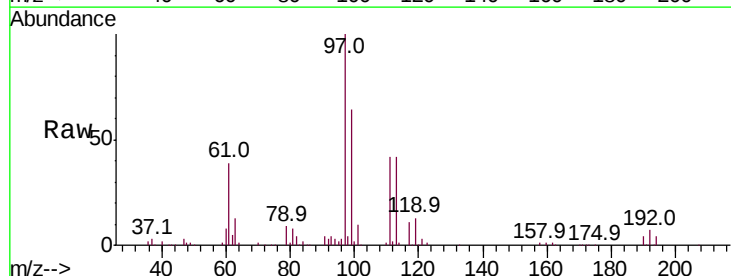
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MSD

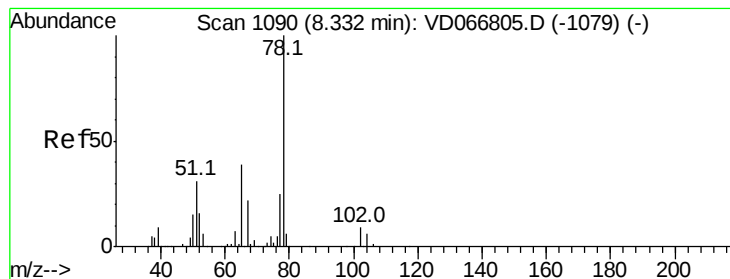
Tot Ion: 56 Resp: 237226
Ion Ratio Lower Upper
56 100
69 37.3 27.0 40.4
84 89.4 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 52.017 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Tgt Ion: 97 Resp: 346433
Ion Ratio Lower Upper
97 100
99 64.7 51.5 77.3
61 40.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 48.852 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

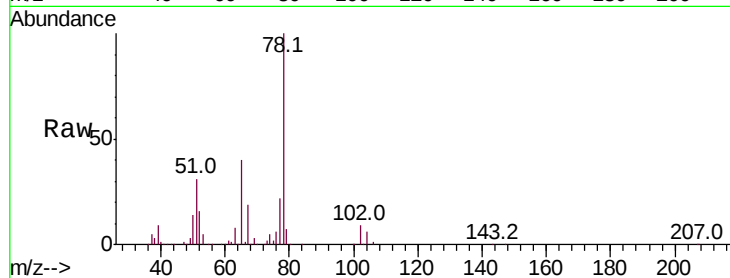
B-11(1-2)MSD

Tot Ion: 65 Resp: 165114

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

60000

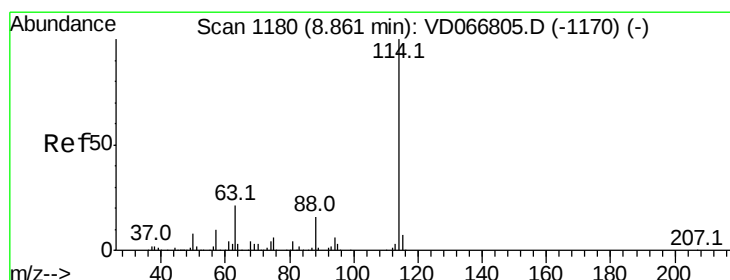
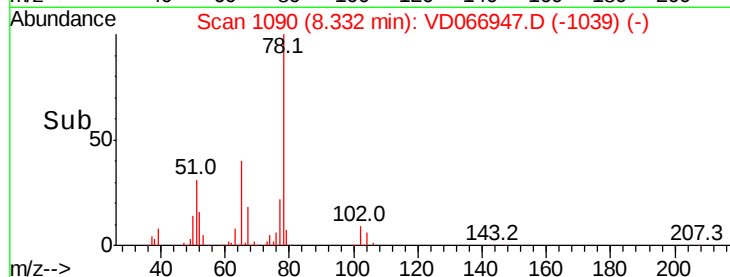
40000

20000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

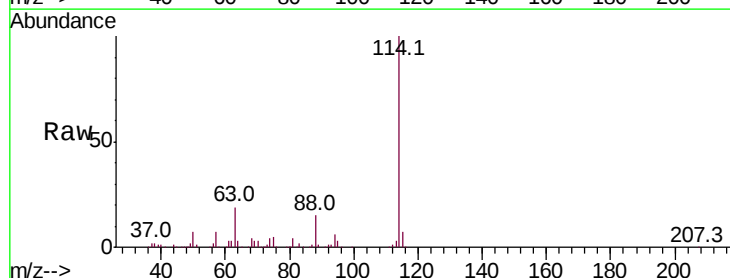
Tgt Ion: 114 Resp: 576753

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

88 14.6 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

8.86

400000

300000

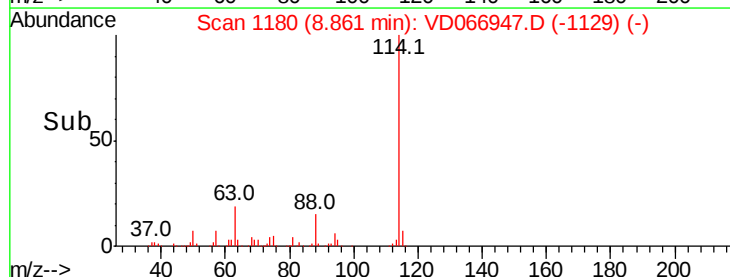
200000

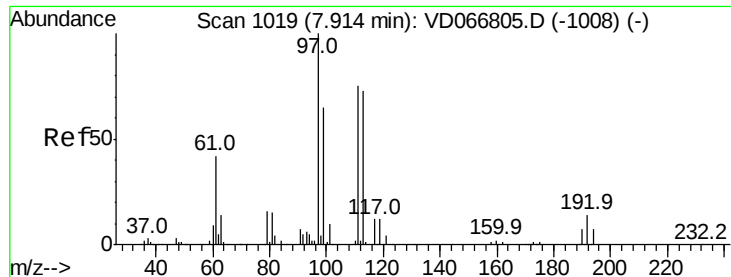
100000

0

8.80 8.90 9.00

Time-->

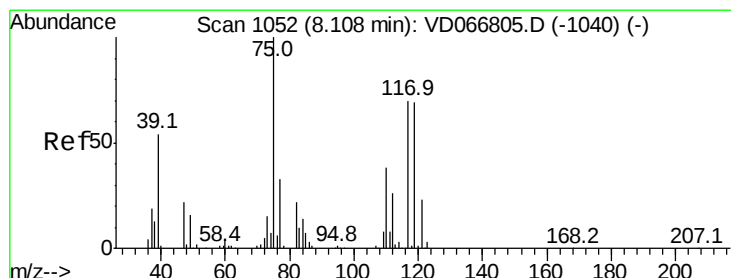
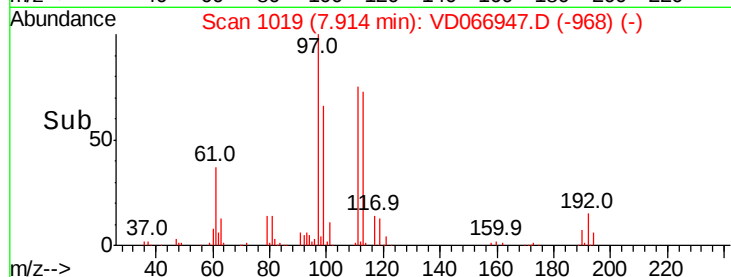
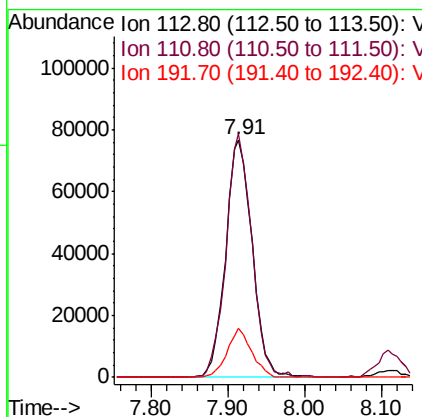
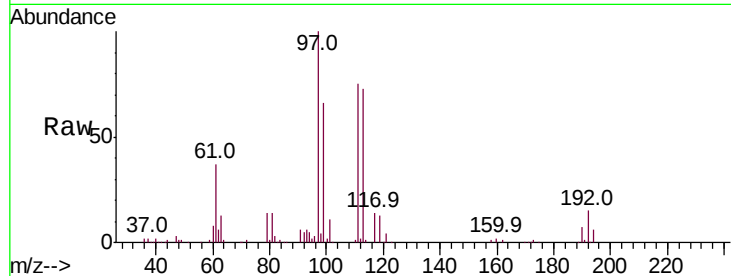




#35
 Dibromofluoromethane
 Concen: 50.321 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

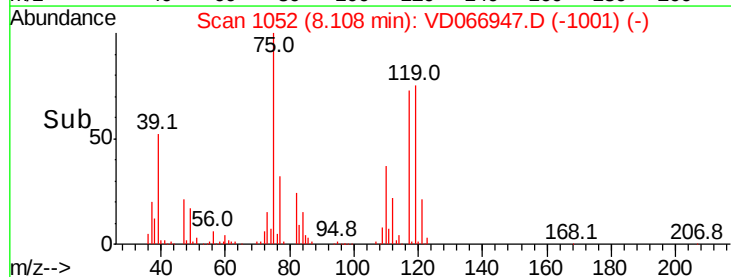
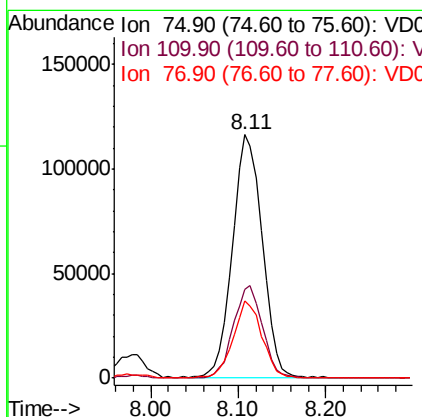
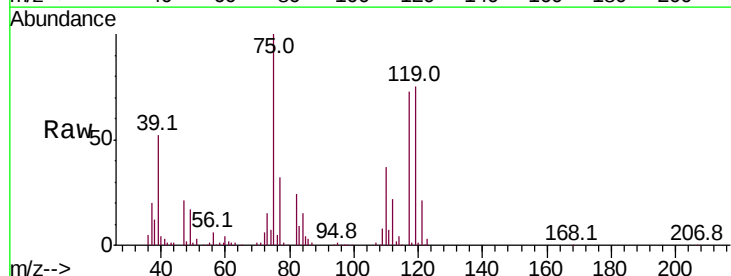
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MSD

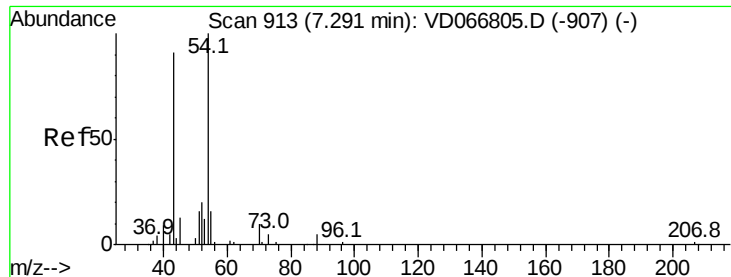
Tot Ion:113 Resp: 184642
 Ion Ratio Lower Upper
 113 100
 111 99.7 81.8 122.8
 192 19.0 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 46.916 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

Tgt Ion: 75 Resp: 268449
 Ion Ratio Lower Upper
 75 100
 110 37.1 17.9 53.8
 77 30.7 25.0 37.6

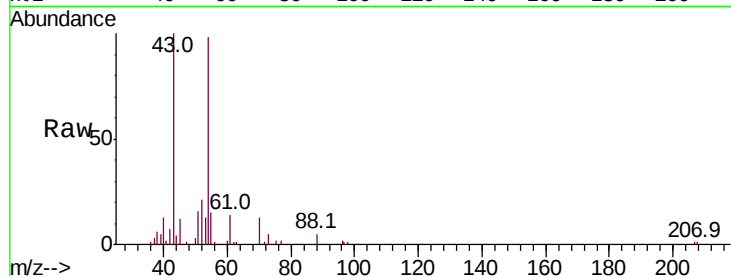




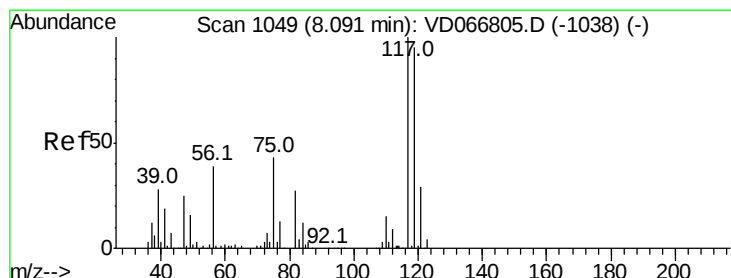
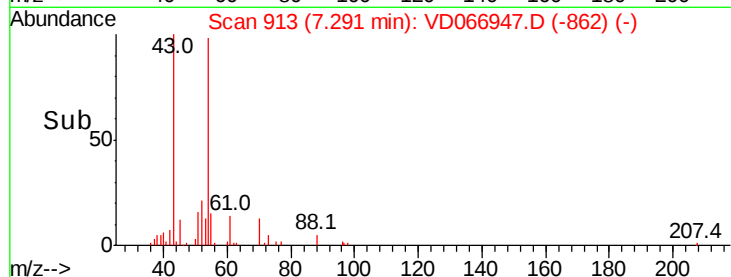
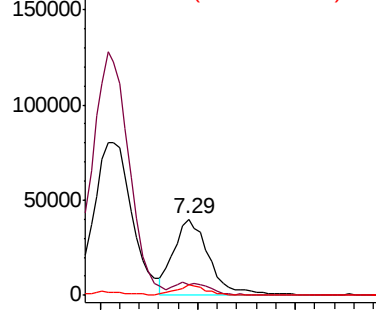
#37
Ethyl Acetate
Concen: 48.400 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MSD

Tot Ion: 43 Resp: 100115
Ion Ratio Lower Upper
43 100
61 16.2 9.8 14.8#
70 11.6 8.5 12.7

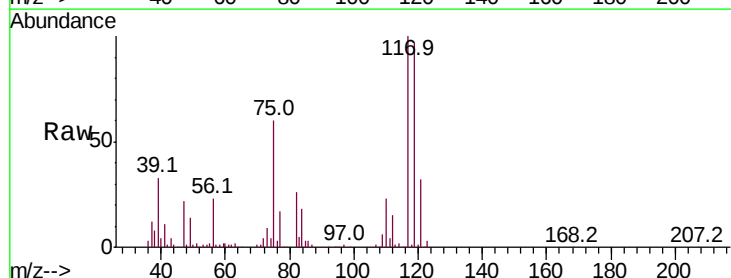


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

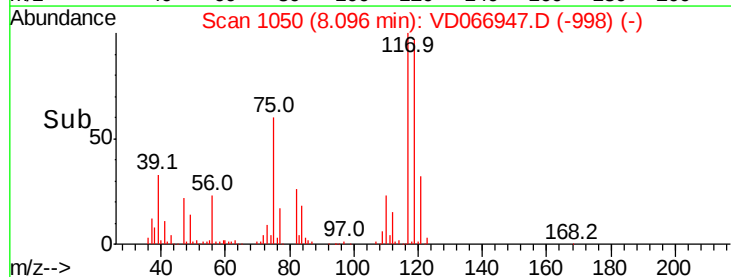
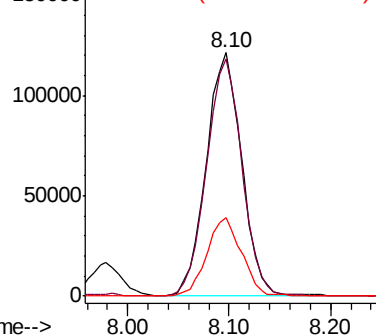


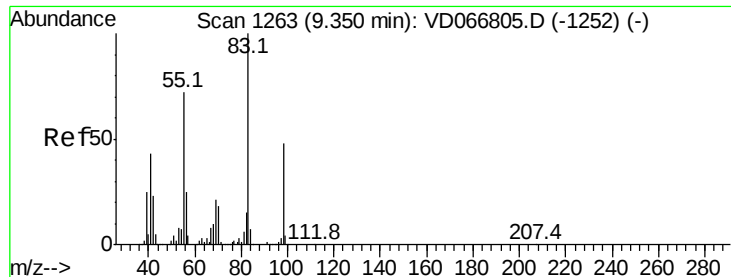
#38
Carbon Tetrachloride
Concen: 46.694 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Tgt Ion: 117 Resp: 292096
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
121 32.2 23.4 35.0



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

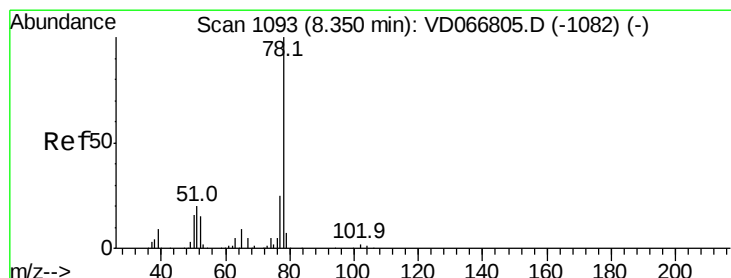
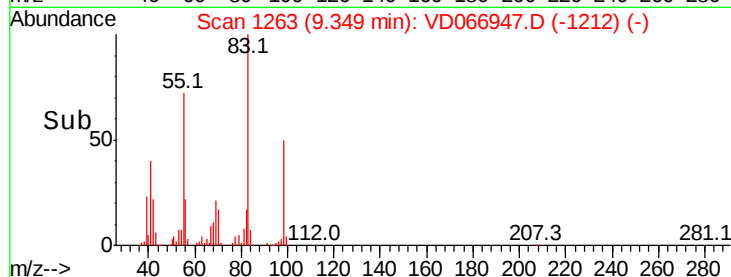
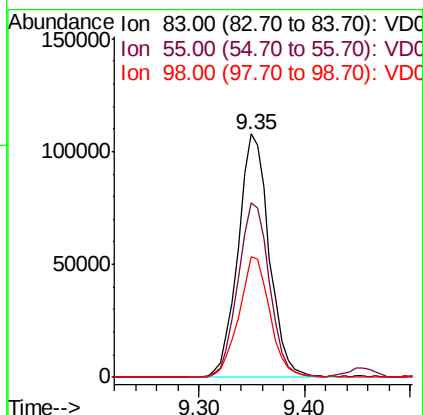
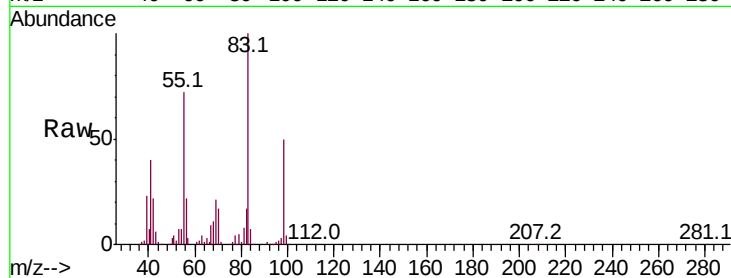




#39
Methvlcvclohexane
Concen: 33.559 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

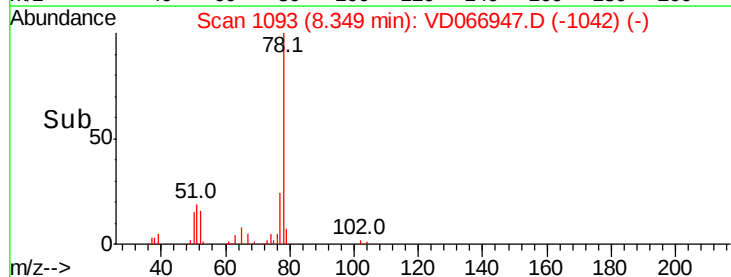
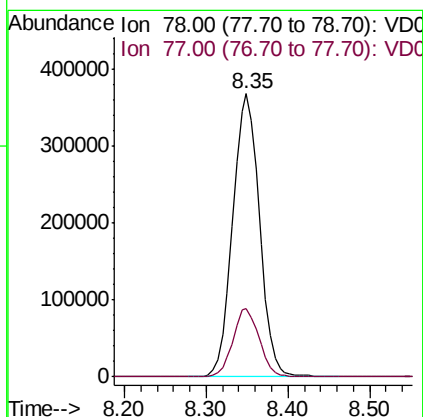
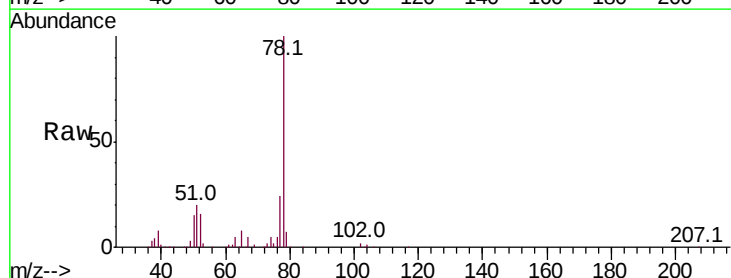
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MSD

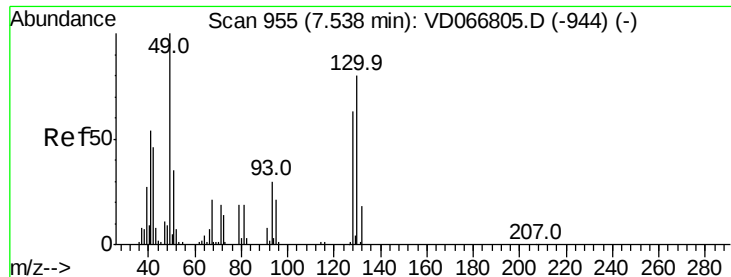
Tot Ion: 83 Resp: 220466
Ion Ratio Lower Upper
83 100
55 71.7 57.7 86.5
98 49.8 38.4 57.6



#40
Benzene
Concen: 52.590 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Tgt Ion: 78 Resp: 838646
Ion Ratio Lower Upper
78 100
77 24.2 19.9 29.9





#41

Methacrylonitrile

Concen: 48.966 ug/l

RT: 7.53 min Scan# 953

Delta R.T. -0.01 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MSD

Tot Ion: 41 Resp: 62288

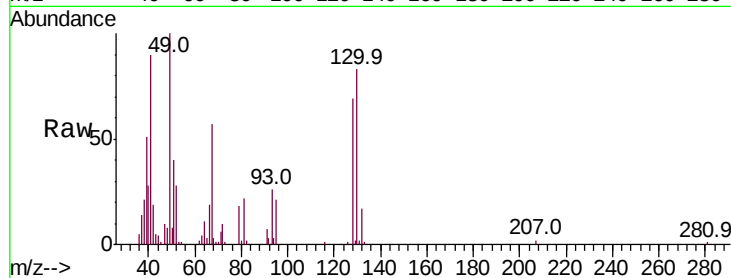
Ion Ratio Lower Upper

41 100

39 48.3 0.0 0.0#

67 78.5 0.0 0.0#

52 34.0 0.0 0.0#

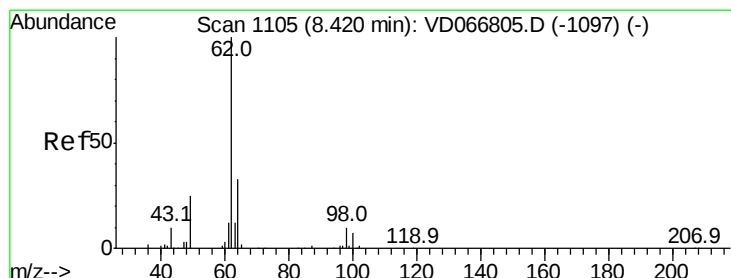
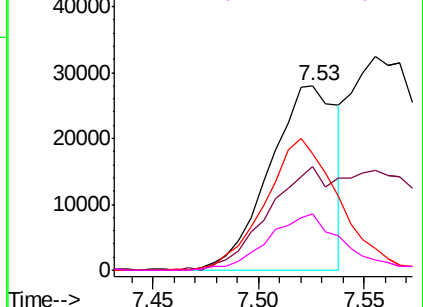
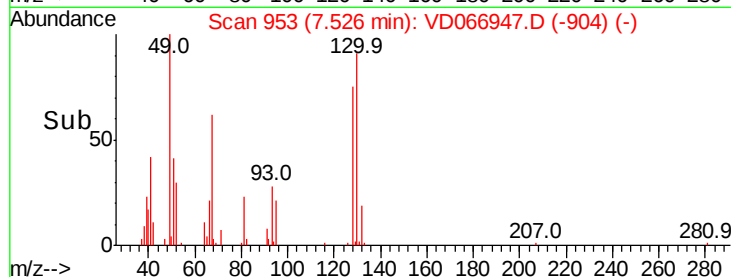


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 52.500 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066947.D

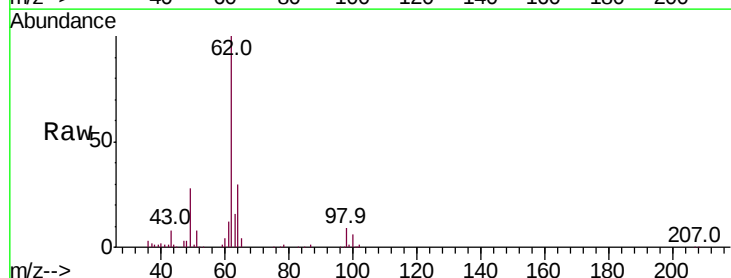
Acq: 29 Sep 2020 19:04

Tgt Ion: 62 Resp: 247500

Ion Ratio Lower Upper

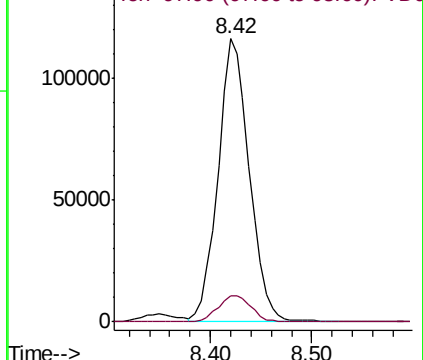
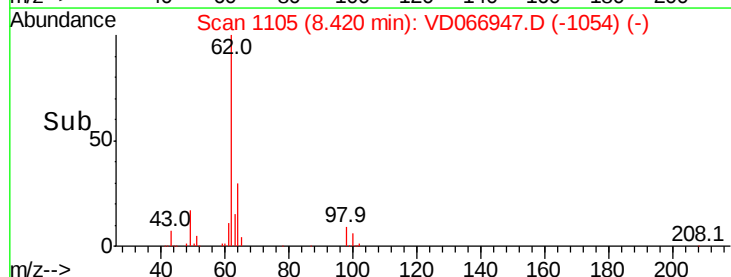
62 100

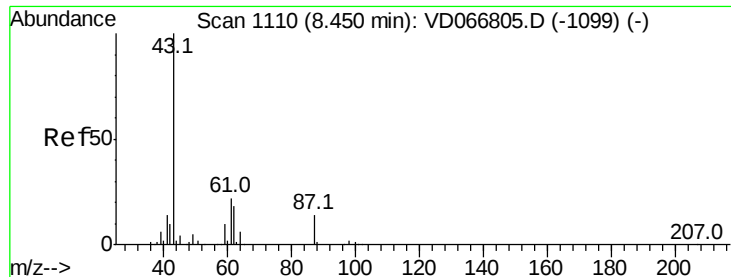
98 10.0 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 49.177 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MSD

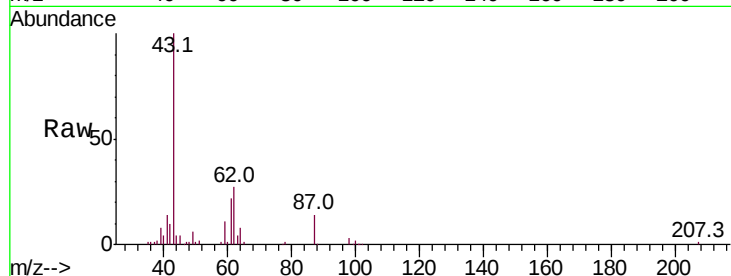
Tot Ion: 43 Resp: 196116

Ion Ratio Lower Upper

43 100

61 34.4 26.2 39.4

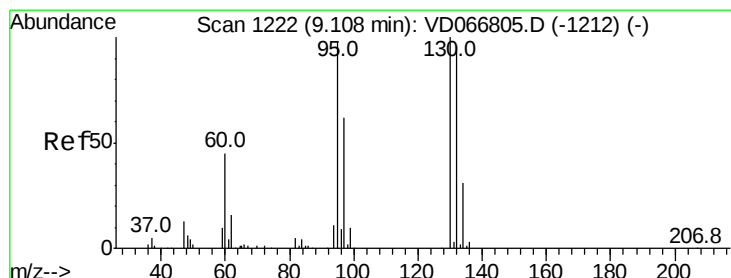
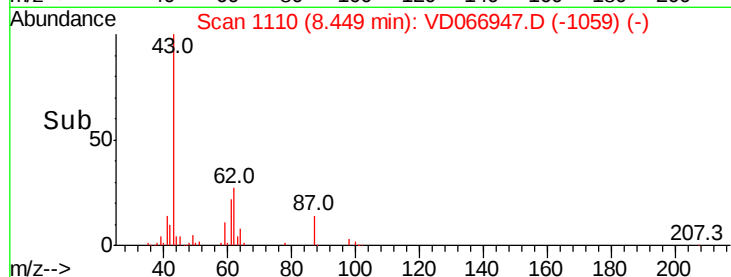
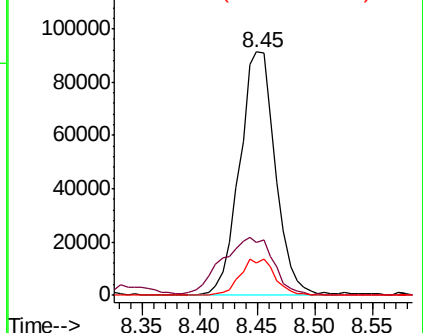
87 14.6 11.5 17.3



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: 50.922 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066947.D

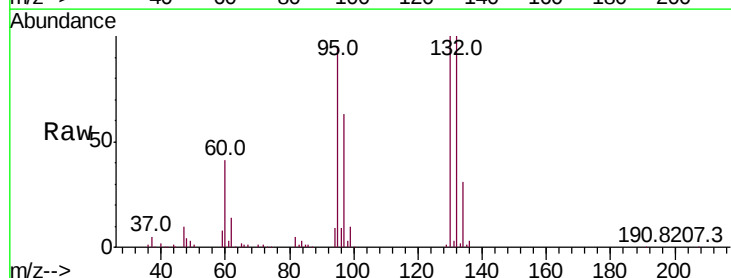
Acq: 29 Sep 2020 19:04

Tgt Ion: 130 Resp: 231460

Ion Ratio Lower Upper

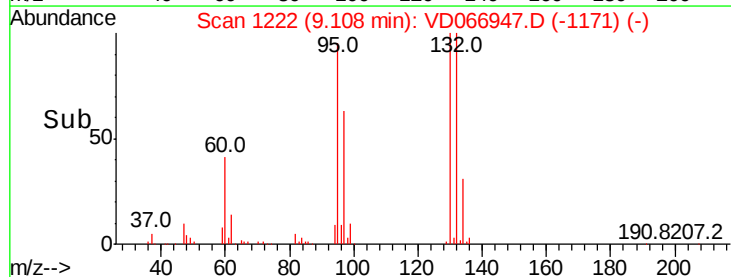
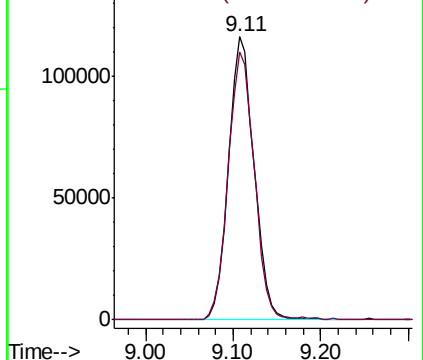
130 100

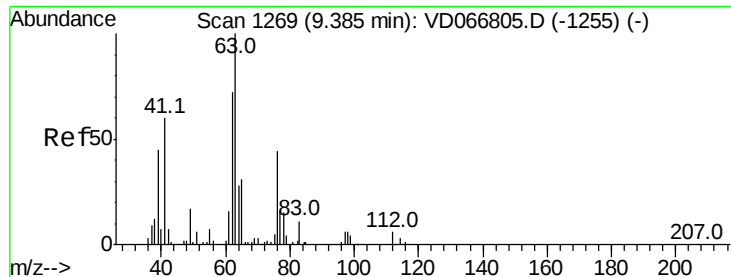
95 94.7 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 53.780 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

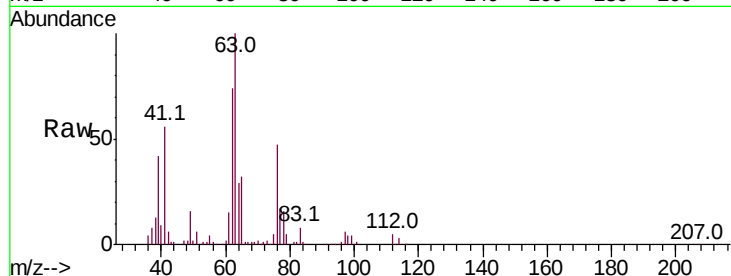
B-11(1-2)MSD

Tot Ion: 63 Resp: 215775

Ion Ratio Lower Upper

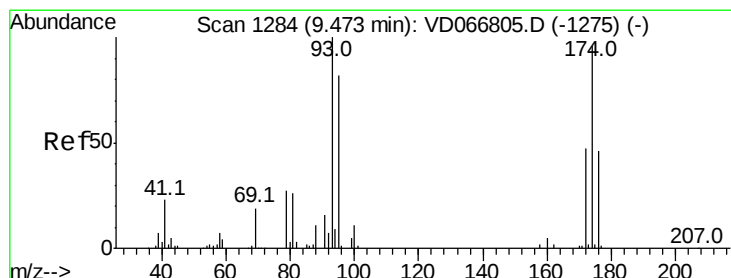
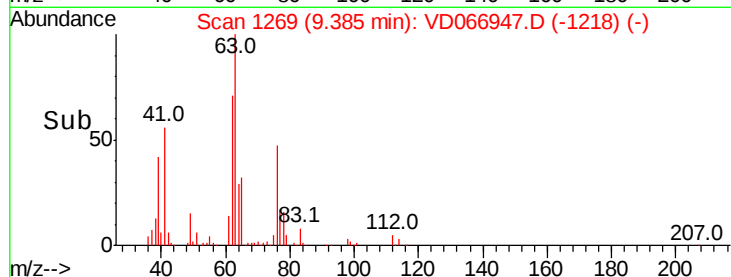
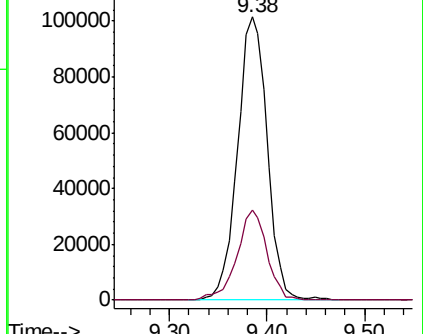
63 100

65 31.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 53.757 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

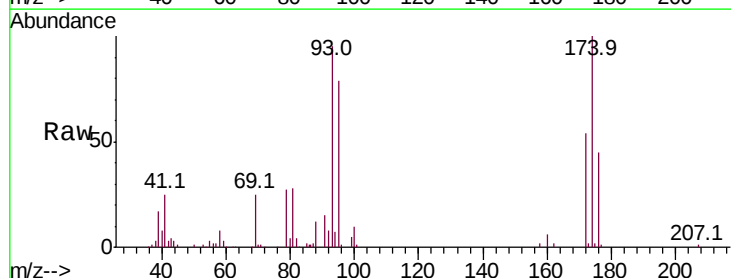
Tgt Ion: 93 Resp: 117186

Ion Ratio Lower Upper

93 100

95 82.8 65.3 97.9

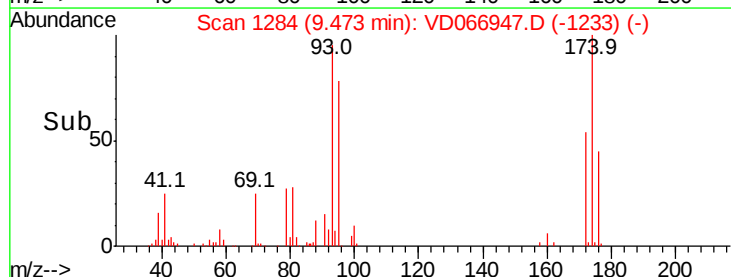
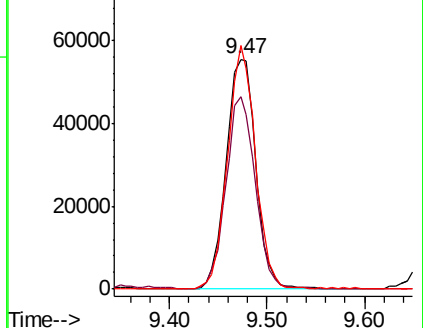
174 99.4 75.4 113.2

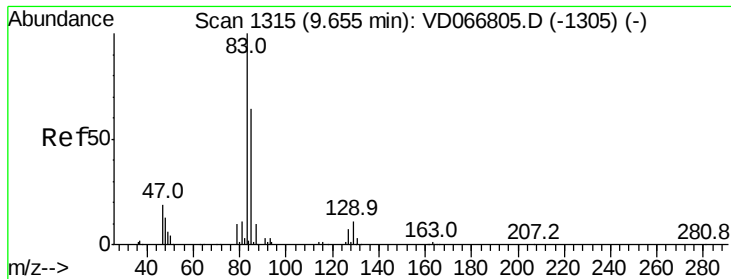


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.732 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MSD

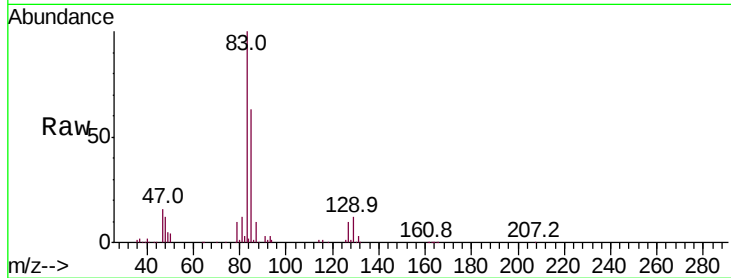
Tot Ion: 83 Resp: 314652

Ion Ratio Lower Upper

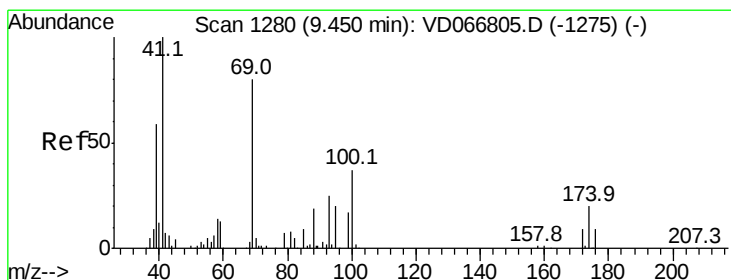
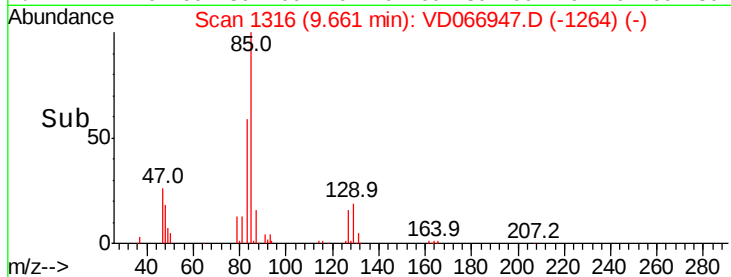
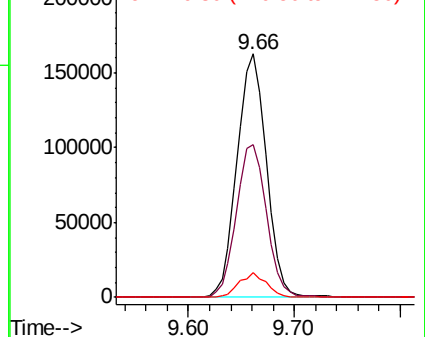
83 100

85 62.5 50.9 76.3

127 10.3 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): V



#48

Methyl methacrylate

Concen: 54.859 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

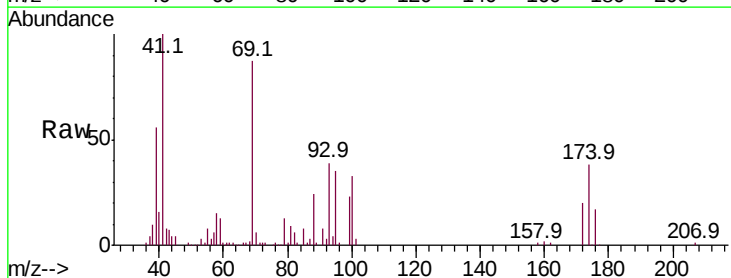
Tgt Ion: 41 Resp: 107866

Ion Ratio Lower Upper

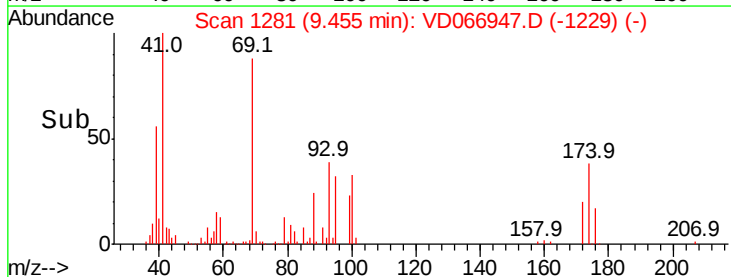
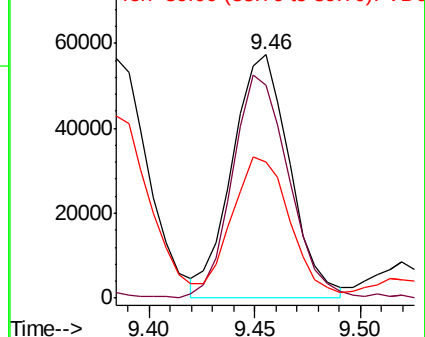
41 100

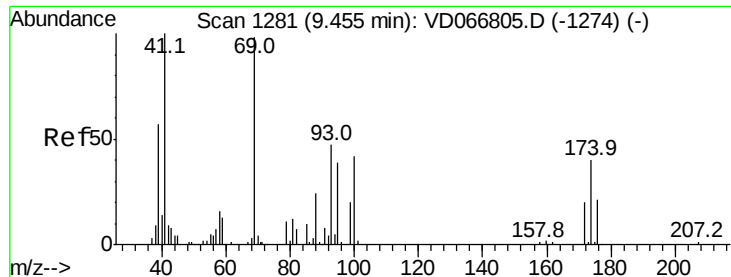
69 89.0 74.5 111.7

39 59.7 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

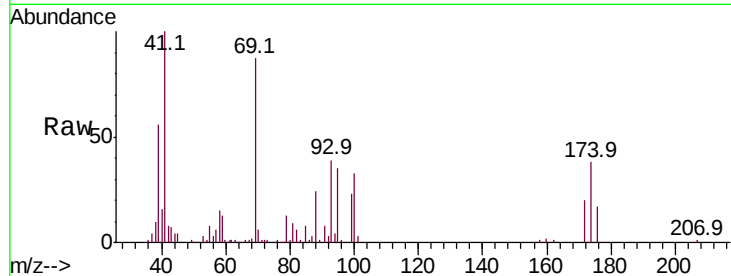




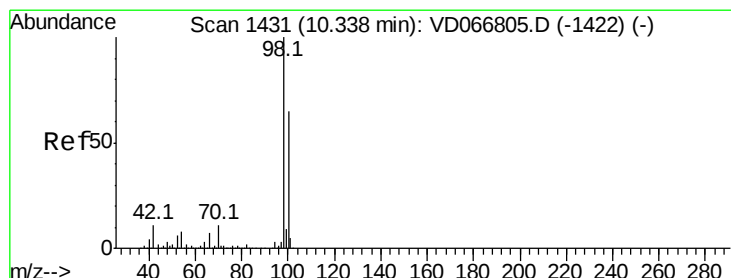
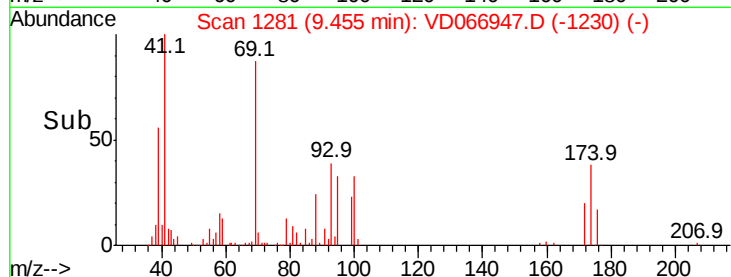
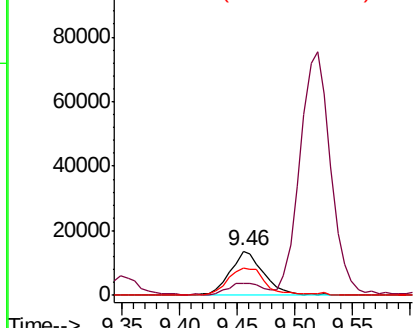
#49
1,4-Dioxane
Concen: 1126.991 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MSD

Tot Ion: 88 Resp: 27535
Ion Ratio Lower Upper
88 100
43 30.2 27.7 41.5
58 67.7 55.5 83.3

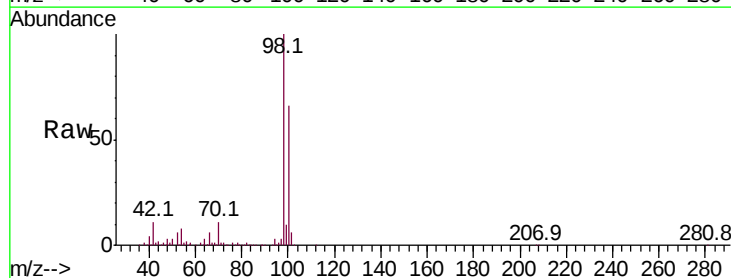


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

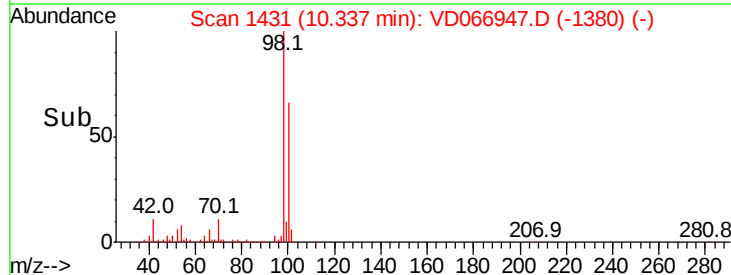
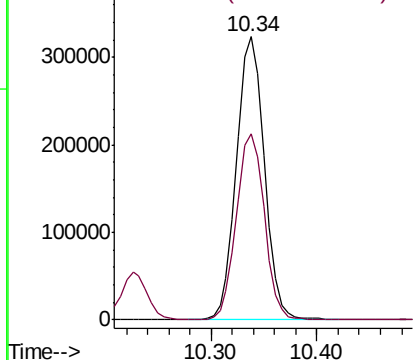


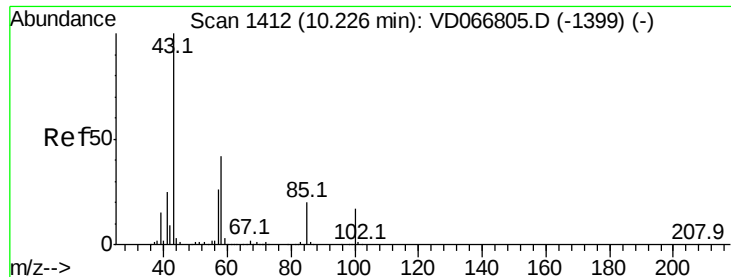
#50
Toluene-d8
Concen: 47.317 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Tgt Ion: 98 Resp: 591555
Ion Ratio Lower Upper
98 100
100 65.8 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: 264.685 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

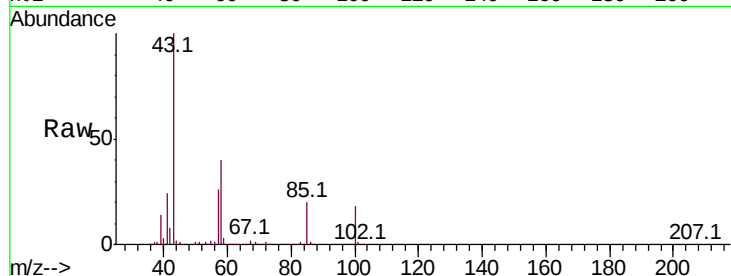
B-11(1-2)MSD

Tot Ion: 43 Resp: 534854

Ion Ratio Lower Upper

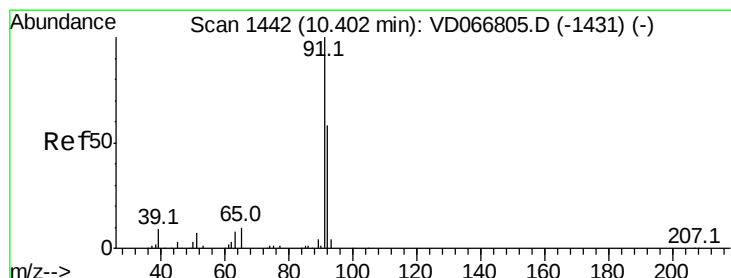
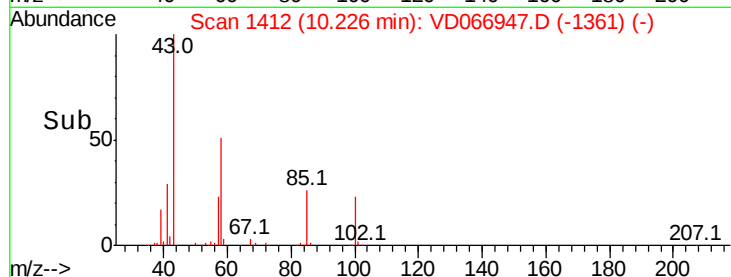
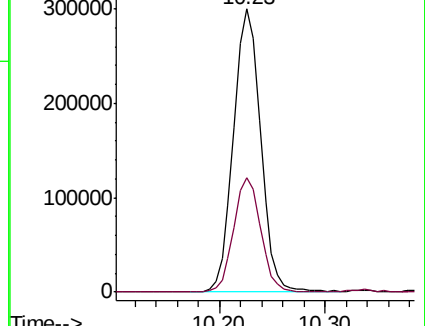
43 100

58 39.9 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 51.494 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066947.D

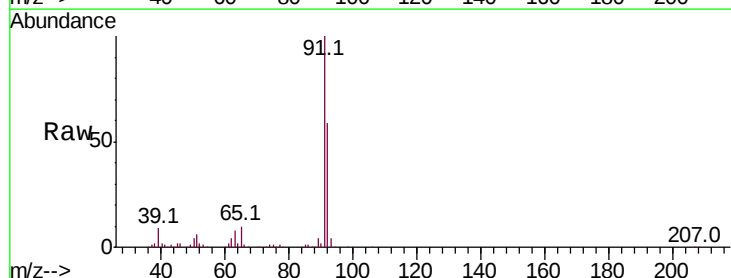
Acq: 29 Sep 2020 19:04

Tgt Ion: 92 Resp: 528940

Ion Ratio Lower Upper

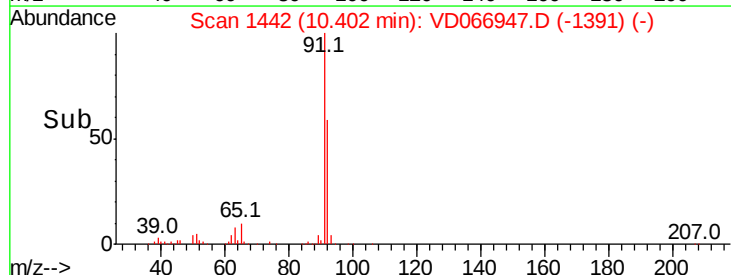
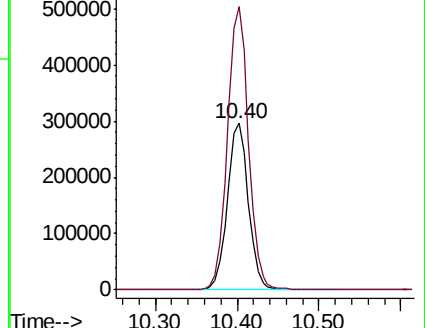
92 100

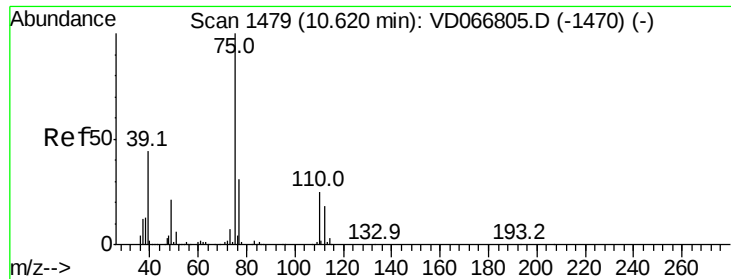
91 170.0 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 53.983 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

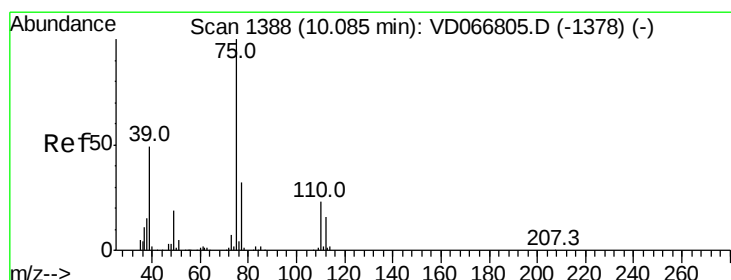
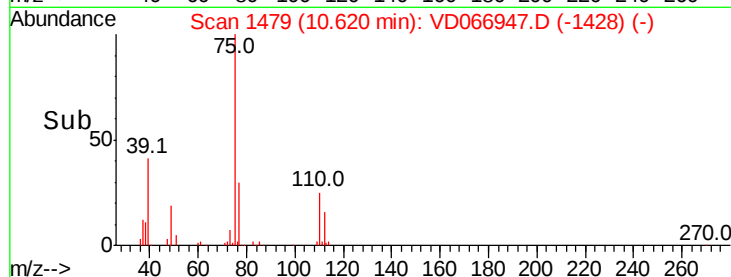
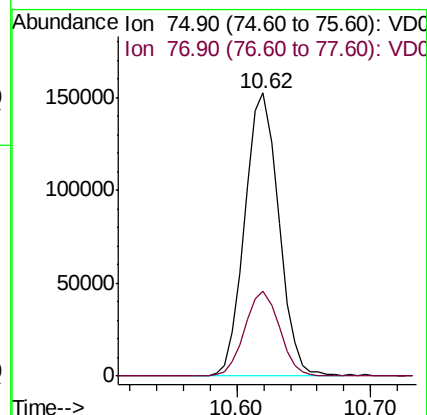
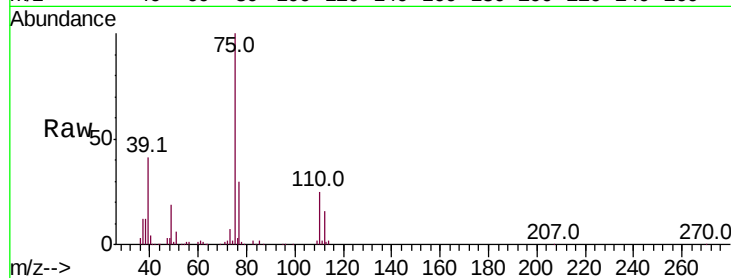
B-11(1-2)MSD

Tot Ion: 75 Resp: 269066

Ion Ratio Lower Upper

75 100

77 30.1 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 54.530 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

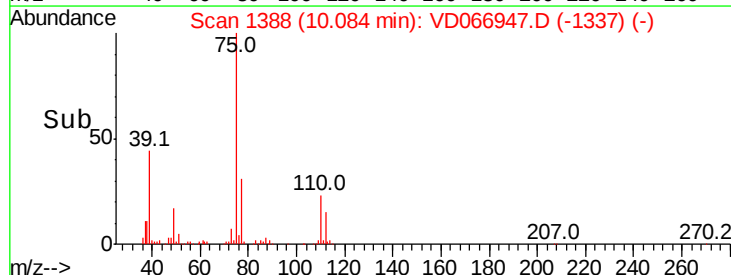
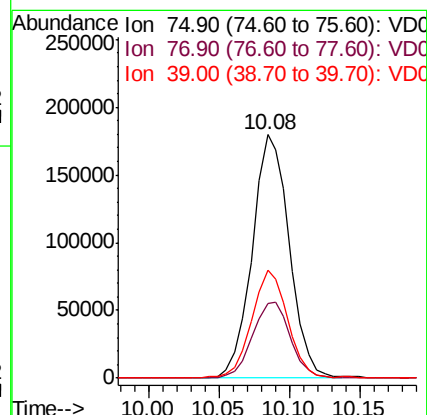
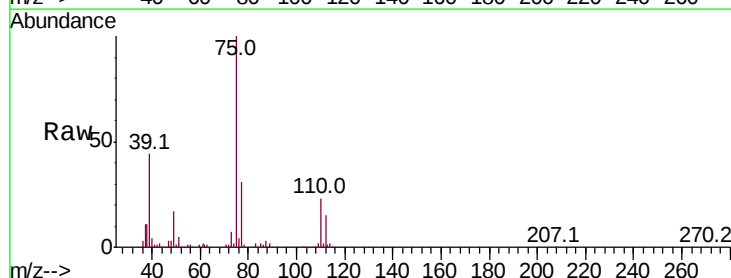
Tgt Ion: 75 Resp: 331408

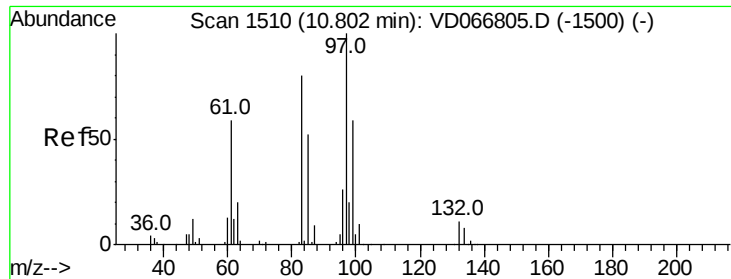
Ion Ratio Lower Upper

75 100

77 30.9 25.6 38.4

39 44.2 39.2 58.8

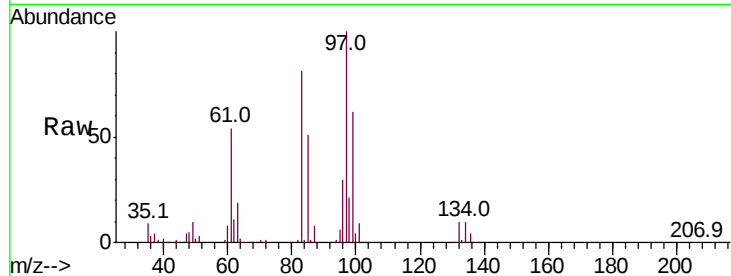




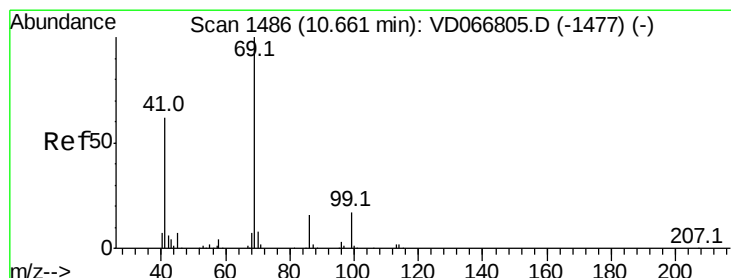
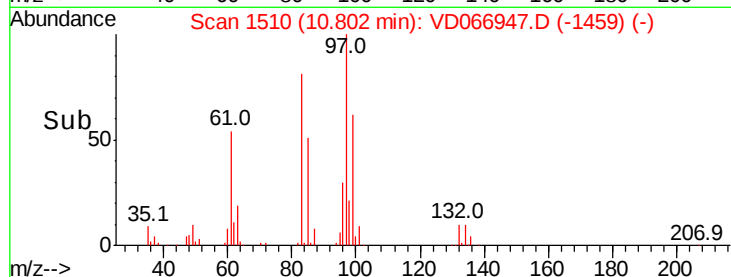
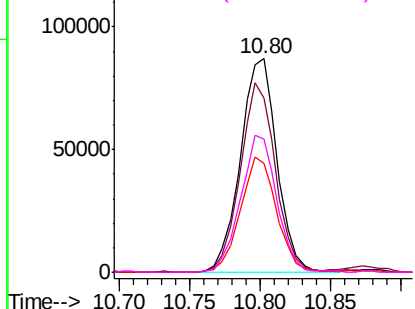
#55
 1,1,2-Trichloroethane
 Concen: 52.816 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MSD

Tot Ion:	97	Resp:	158278
Ion	Ratio	Lower	Upper
97	100		
83	81.2	64.2	96.2
85	50.8	41.9	62.9
99	62.3	47.5	71.3

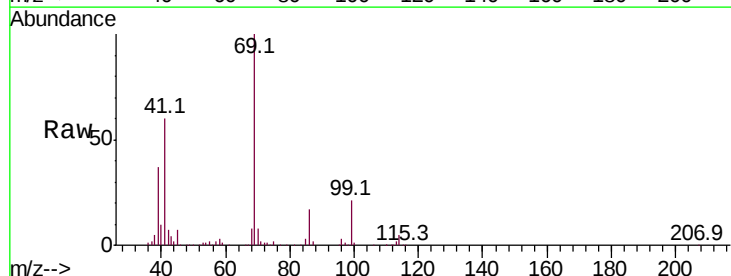


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

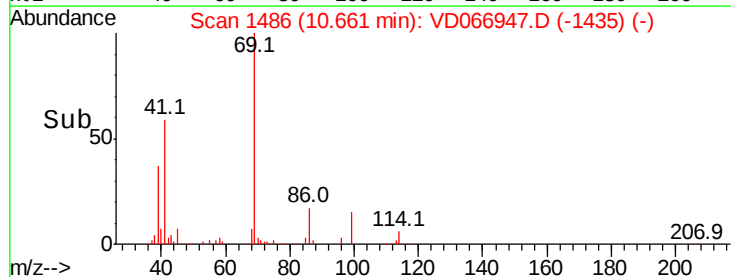
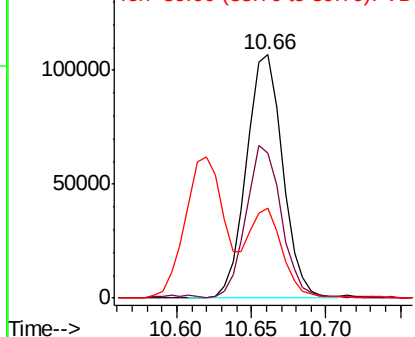


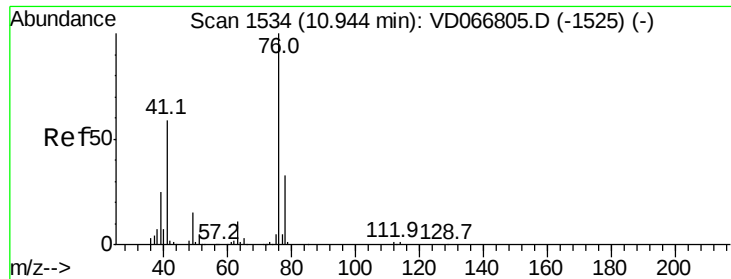
#56
 Ethyl methacrylate
 Concen: 56.007 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

Tgt Ion:	69	Resp:	179804
Ion	Ratio	Lower	Upper
69	100		
41	62.1	52.2	78.2
39	32.2	26.6	40.0



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





#57

1,3-Dichloropropane

Concen: 53.147 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

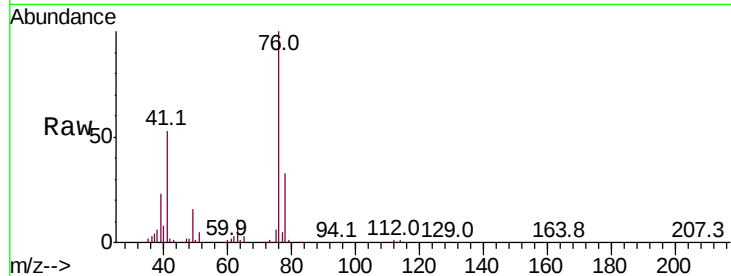
B-11(1-2)MSD

Tot Ion: 76 Resp: 262991

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.94

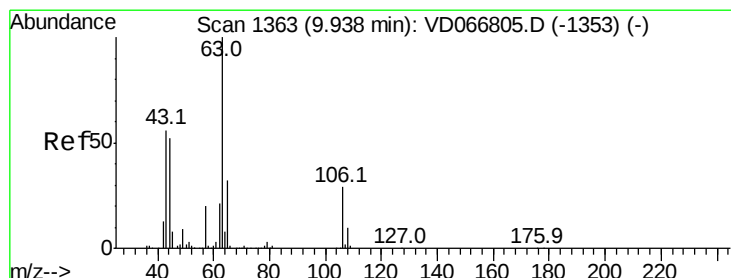
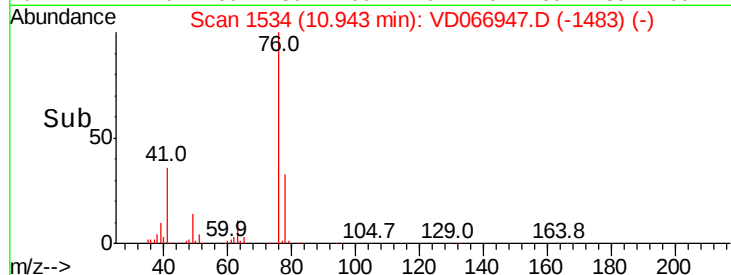
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 248.060 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066947.D

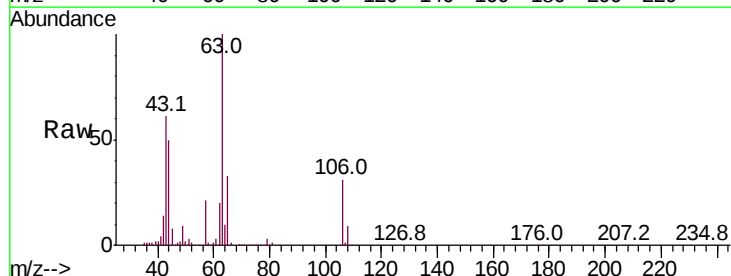
Acq: 29 Sep 2020 19:04

Tgt Ion: 63 Resp: 377077

Ion Ratio Lower Upper

63 100

106 31.1 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

250000

200000

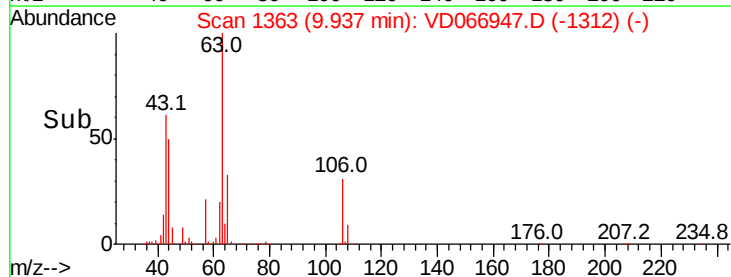
150000

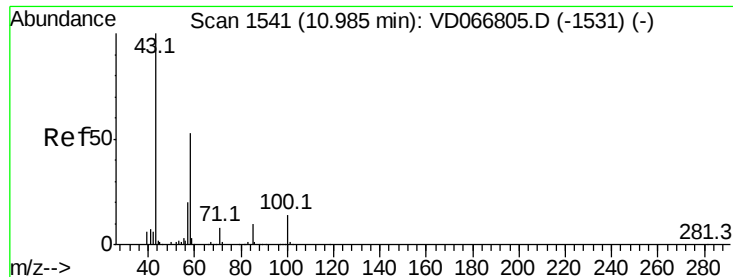
100000

50000

0

Time-->

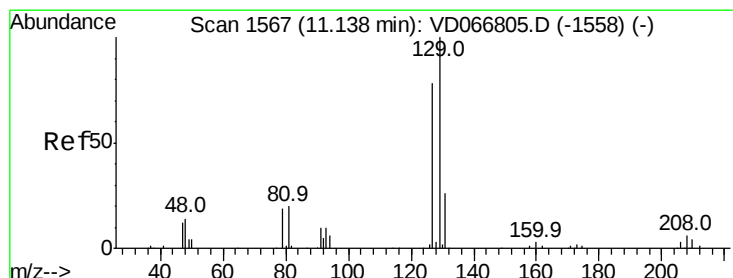
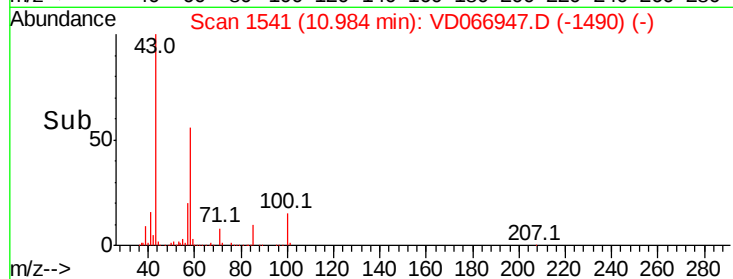
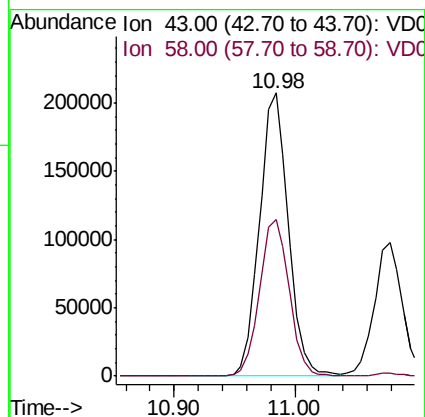
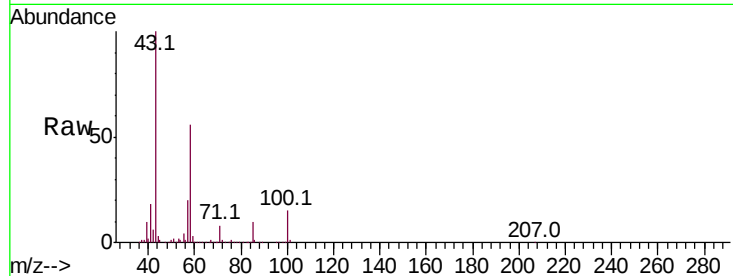




#59
2-Hexanone
Concen: 255.127 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

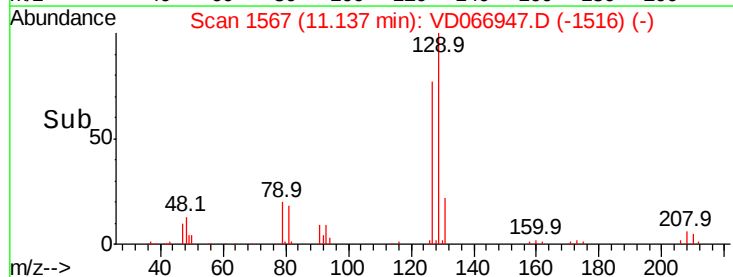
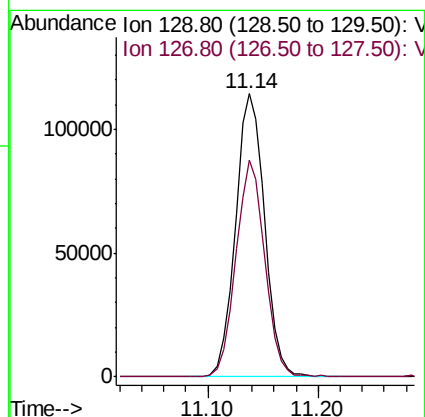
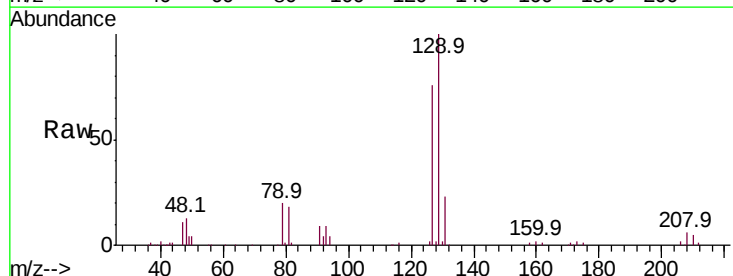
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MSD

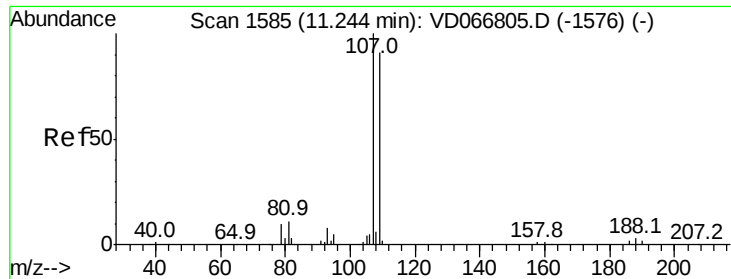
Tot Ion: 43 Resp: 347667
Ion Ratio Lower Upper
43 100
58 57.0 27.0 80.8



#60
Dibromochloromethane
Concen: 53.929 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Tgt Ion: 129 Resp: 210927
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0

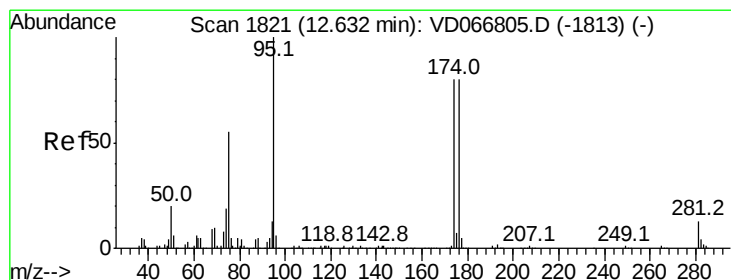
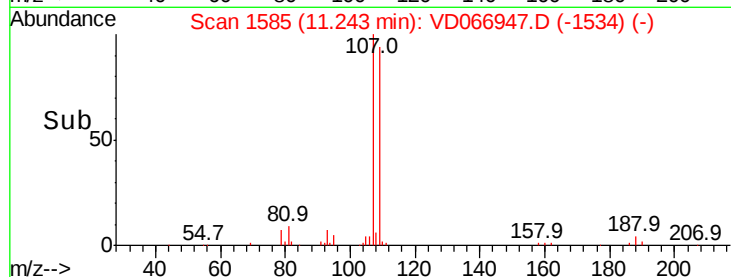
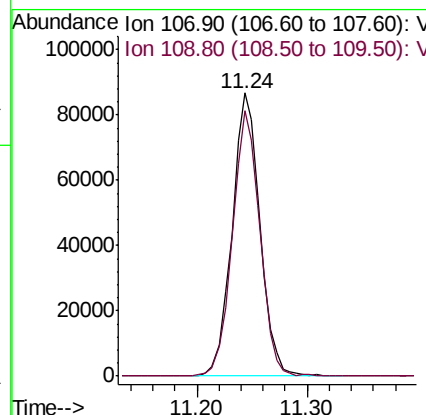
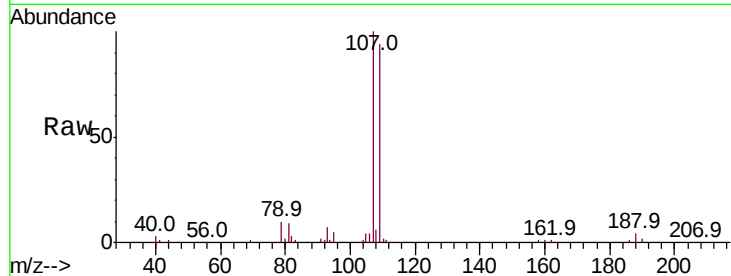




#61
 1,2-Dibromoethane
 Concen: 54.829 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

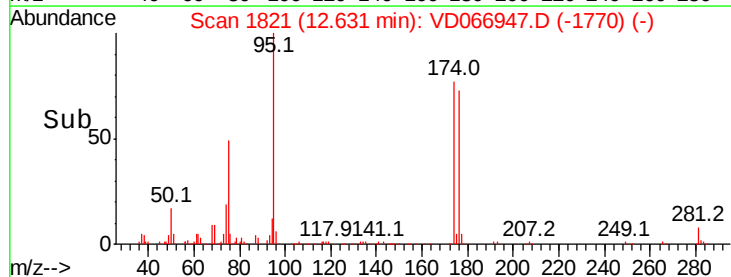
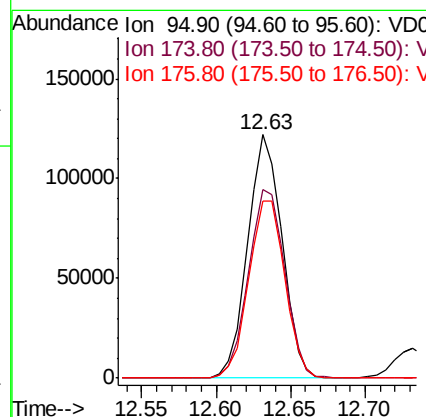
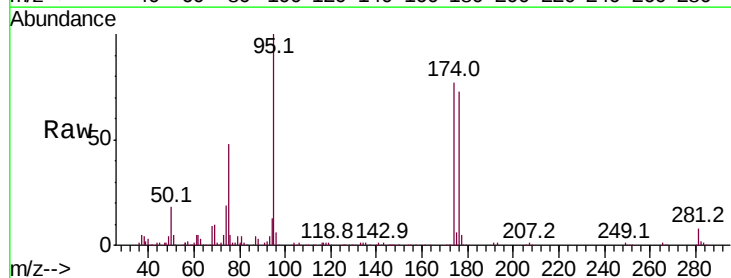
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MSD

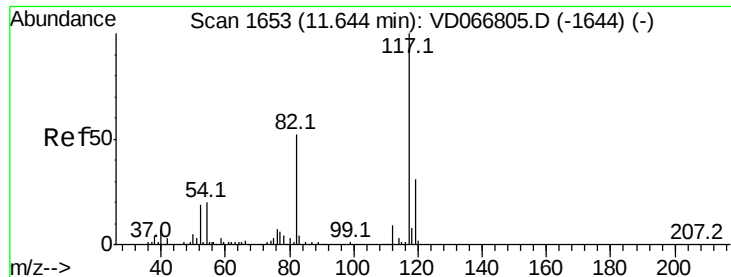
Tot Ion:107 Resp: 152831
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 45.342 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

Tgt Ion: 95 Resp: 194056
 Ion Ratio Lower Upper
 95 100
 174 82.1 0.0 159.8
 176 77.0 0.0 154.4

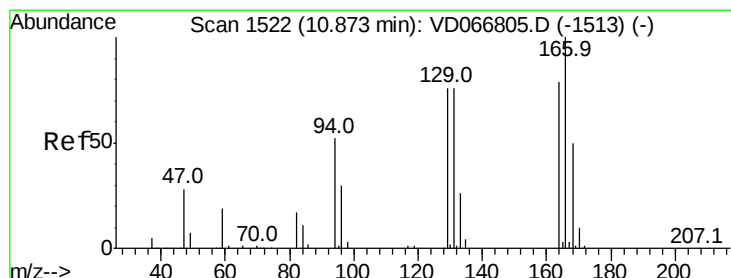
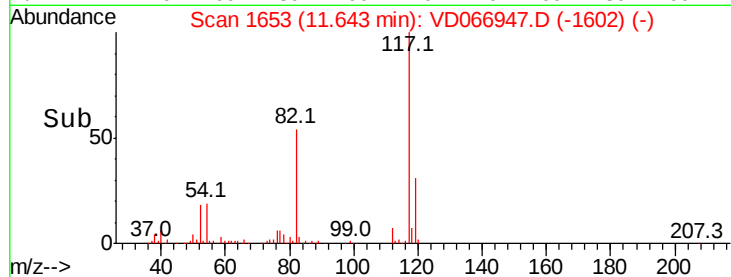
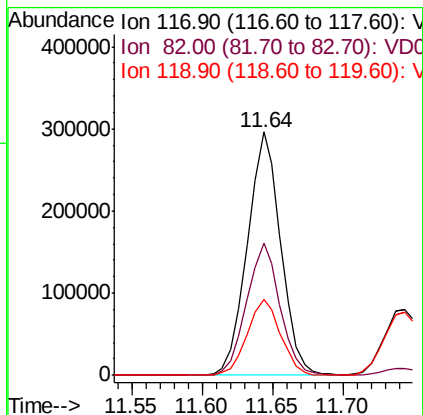
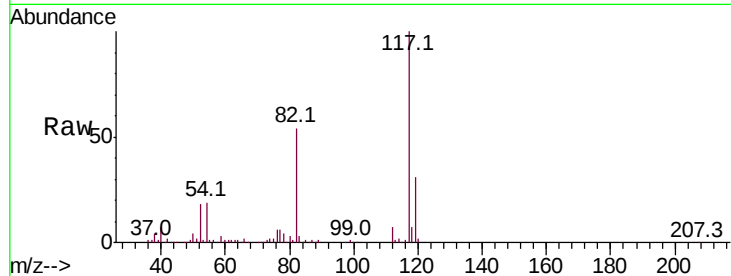




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

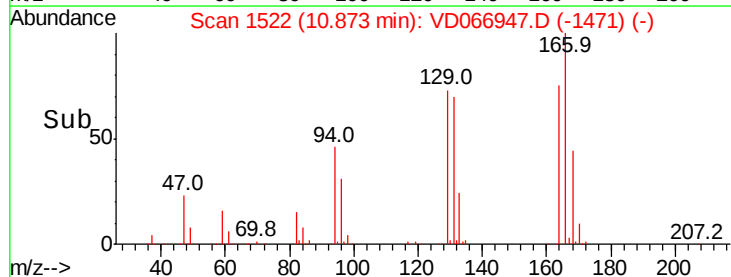
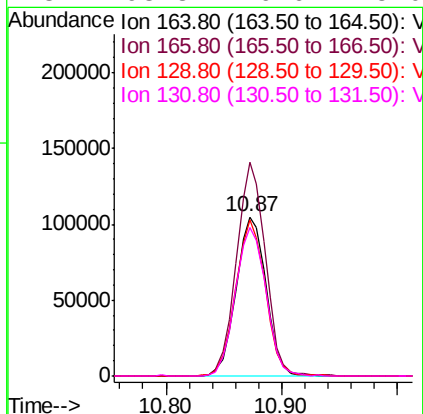
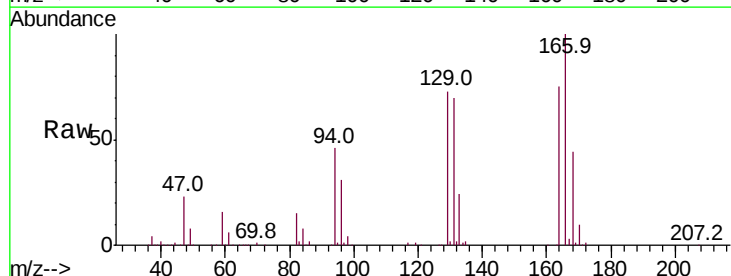
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MSD

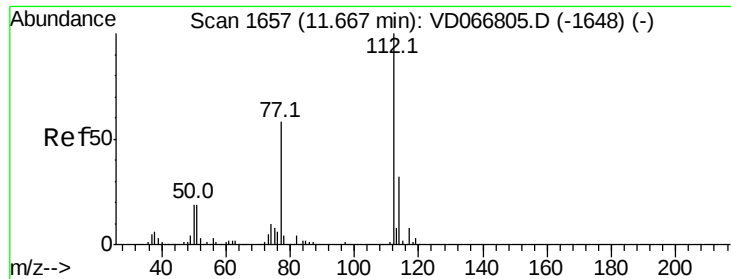
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	41.8	62.6
119	31.3	24.6	37.0



#64
Tetrachloroethene
Concen: 53.421 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.1	101.1	151.7
129	97.7	77.0	115.4
131	93.3	76.6	115.0





#65

Chlorobenzene

Concen: 54.008 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

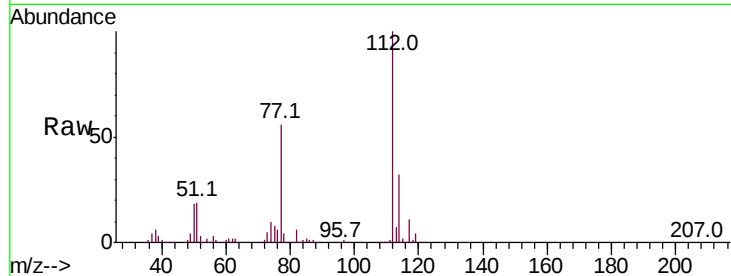
B-11(1-2)MSD

Tot Ion:112 Resp: 551739

Ion Ratio Lower Upper

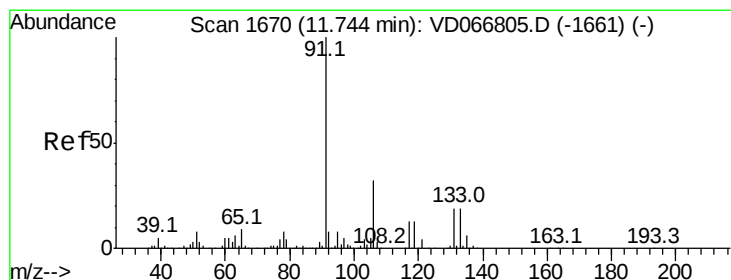
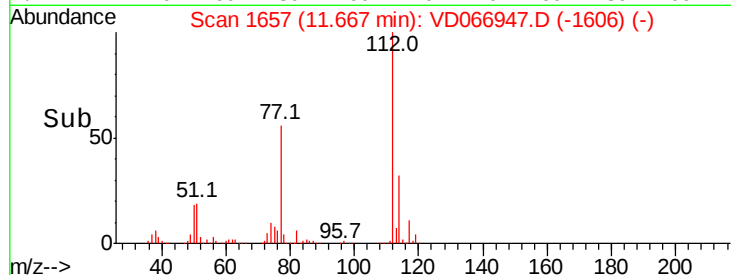
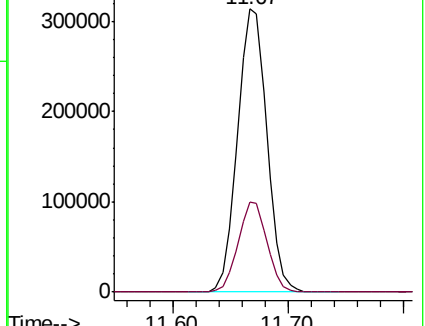
112 100

114 31.9 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.433 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

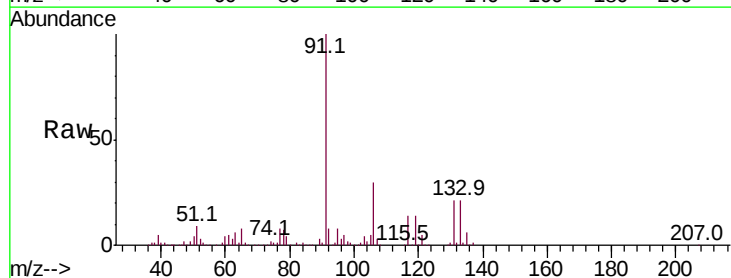
Tgt Ion:131 Resp: 218195

Ion Ratio Lower Upper

131 100

133 95.2 46.7 140.1

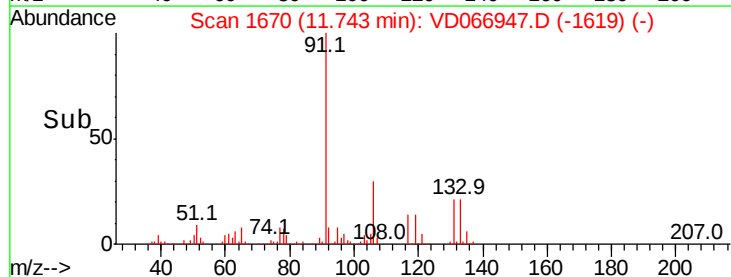
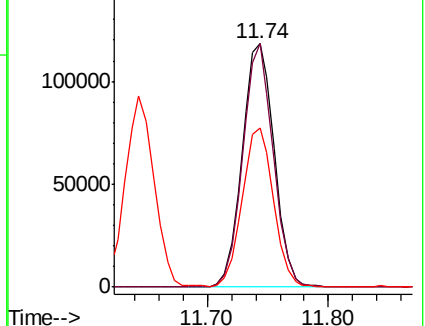
119 64.2 32.3 96.9

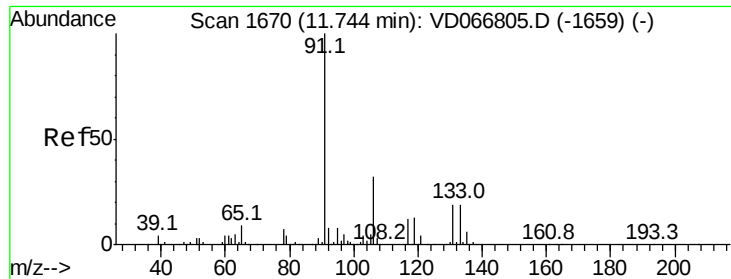


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

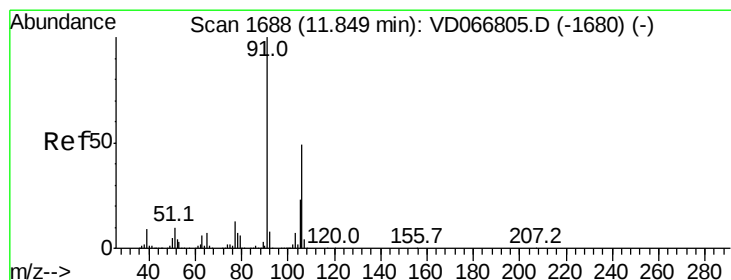
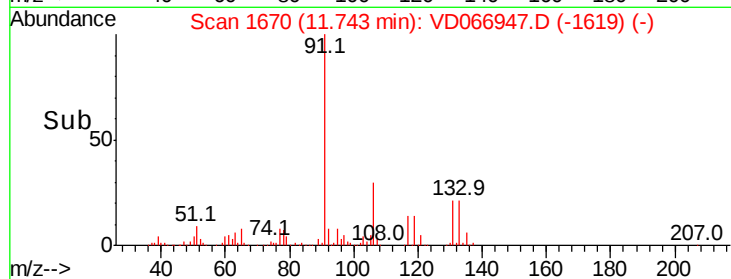
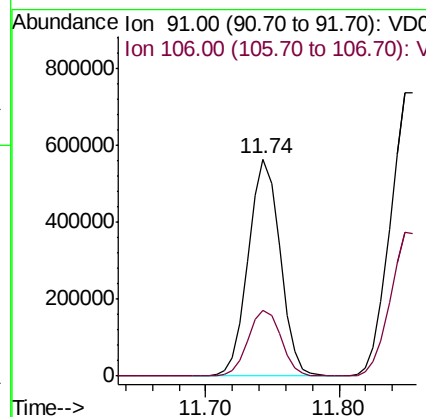
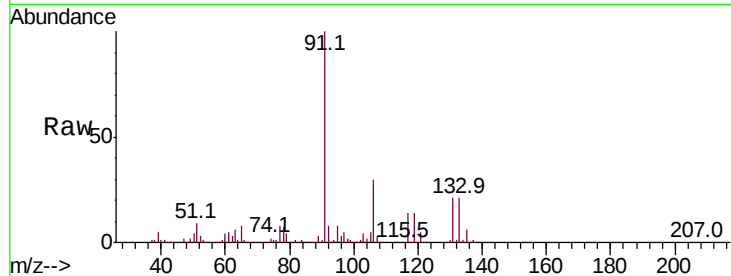




#67
Ethyl Benzene
Concen: 51.840 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

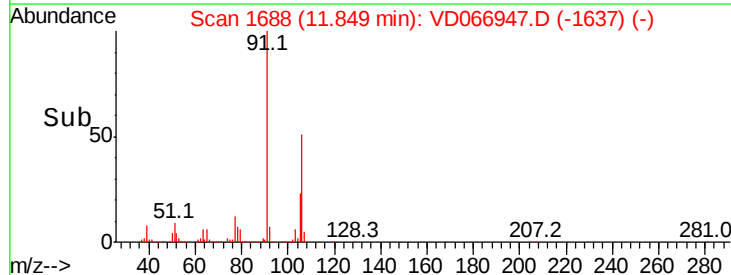
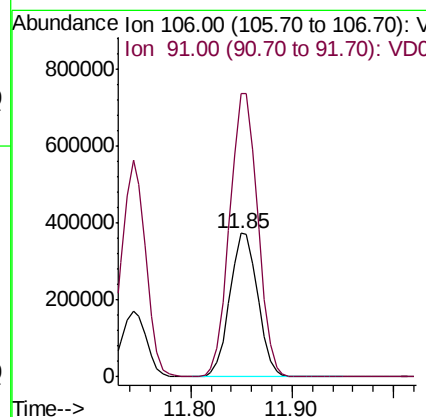
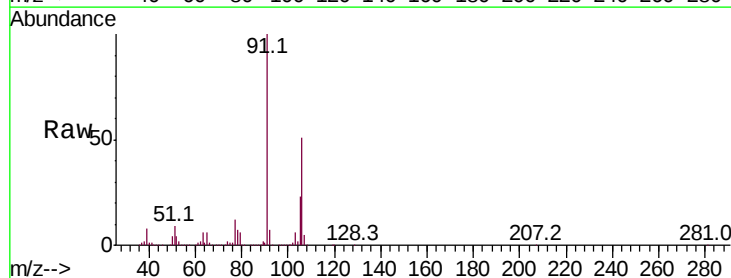
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MSD

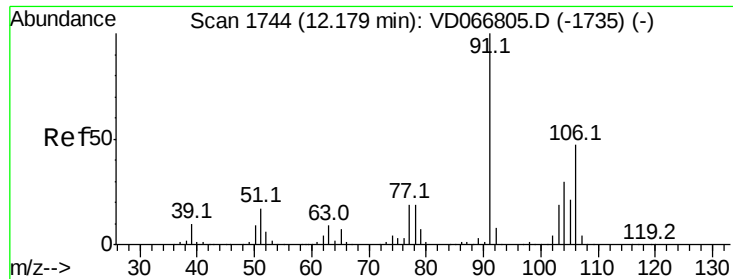
Tot Ion: 91 Resp: 930133
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4



#68
m/p-Xylenes
Concen: 105.444 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Tgt Ion:106 Resp: 716300
Ion Ratio Lower Upper
106 100
91 198.7 160.7 241.1

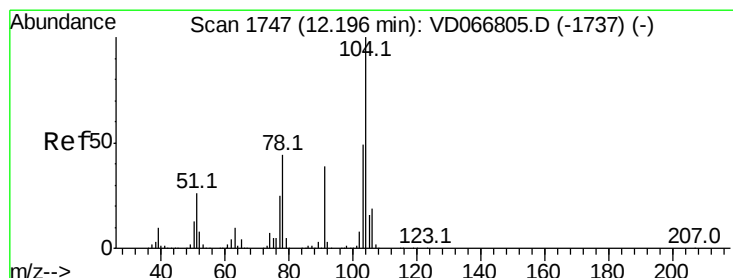
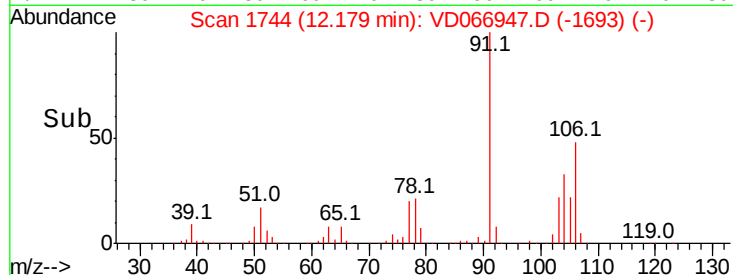
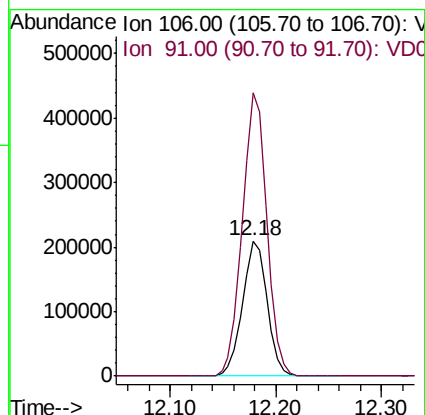
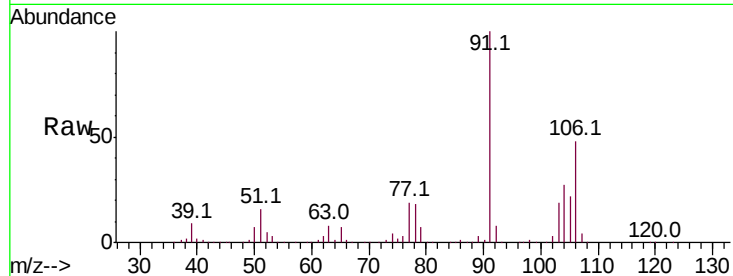




#69
o-Xylene
Concen: 54.923 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

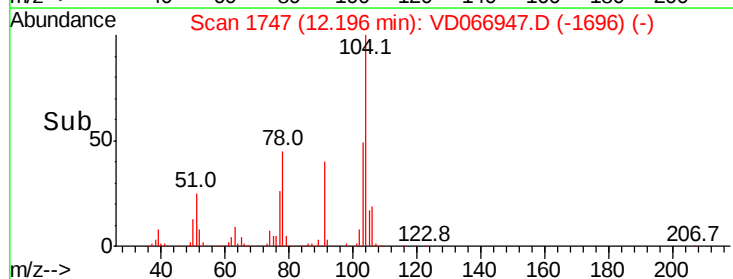
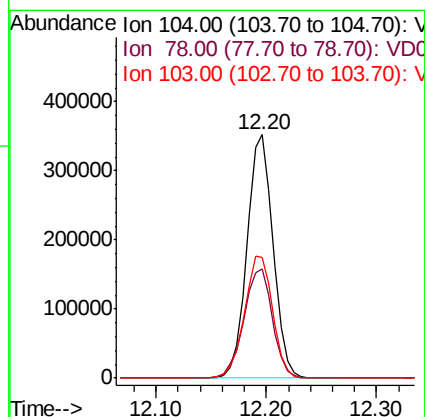
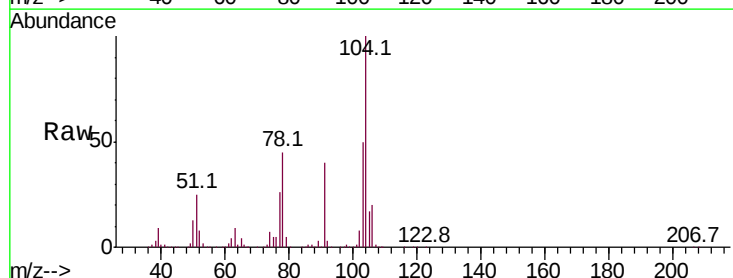
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MSD

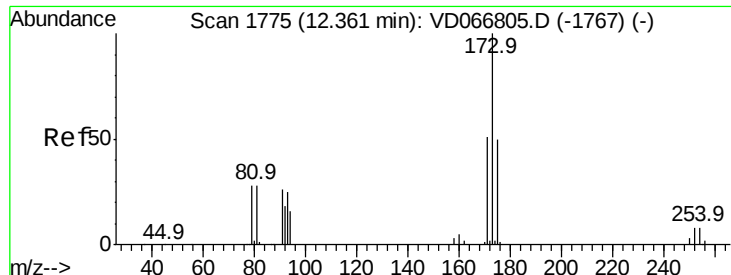
Tot Ion:106 Resp: 337371
Ion Ratio Lower Upper
106 100
91 208.9 106.3 318.8



#70
Styrene
Concen: 54.899 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Tgt Ion:104 Resp: 585624
Ion Ratio Lower Upper
104 100
78 49.3 38.9 58.3
103 54.3 43.2 64.8





#71

Bromoform

Concen: 55.204 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MSD

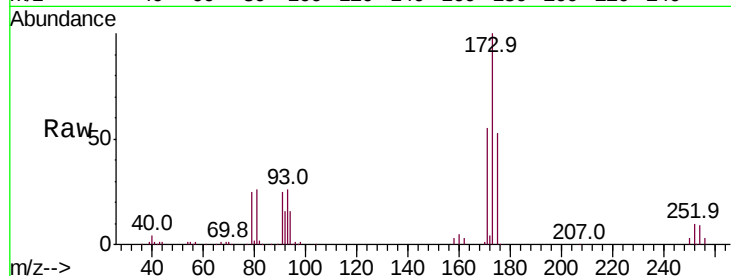
Tot Ion:173 Resp: 108070

Ion Ratio Lower Upper

173 100

175 49.0 24.9 74.6

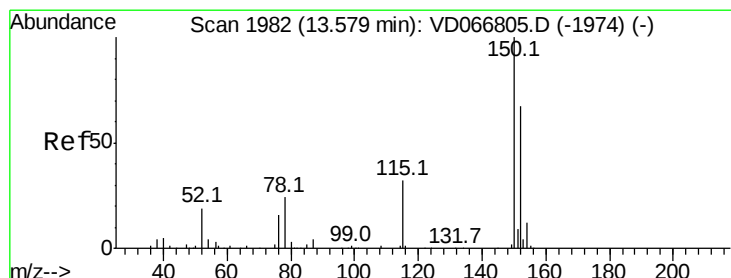
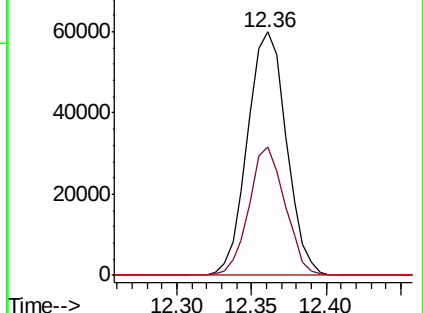
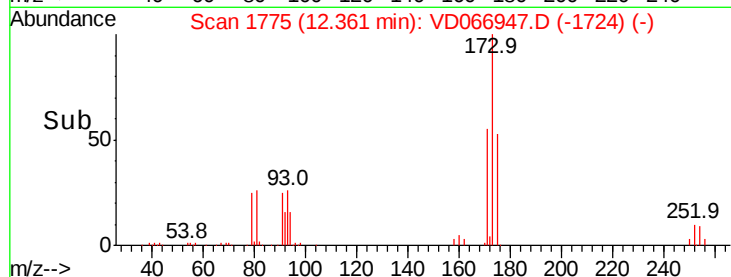
254 0.0 0.1 0.1#



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: VD066947.D

Acq: 29 Sep 2020 19:04

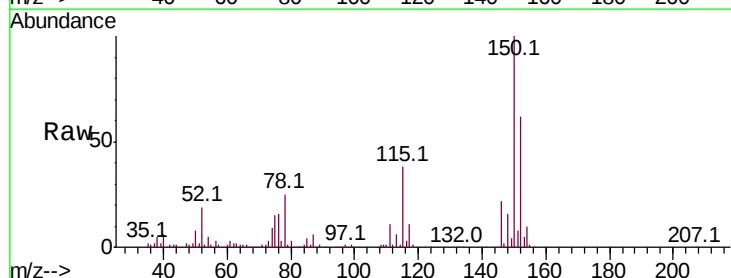
Tgt Ion:152 Resp: 203762

Ion Ratio Lower Upper

152 100

115 59.4 30.3 91.0

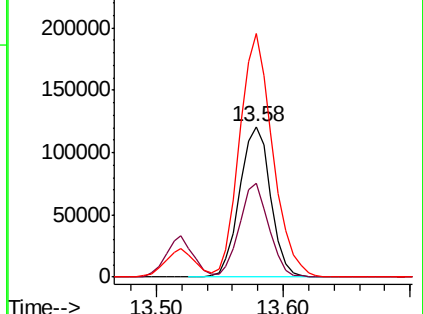
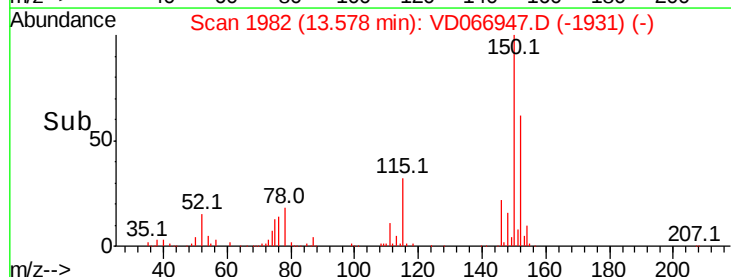
150 172.5 0.0 346.2

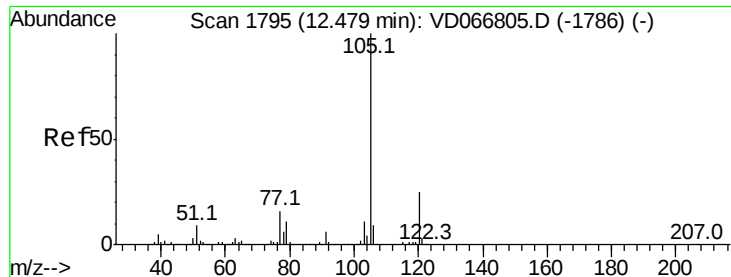


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.980 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

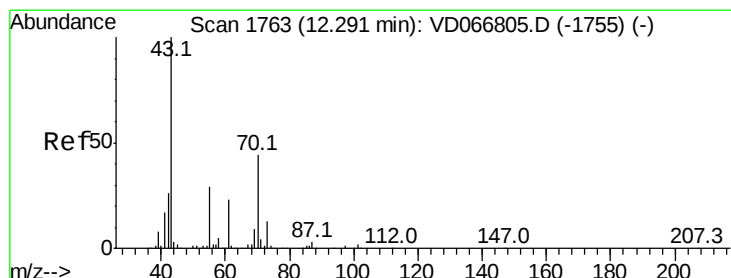
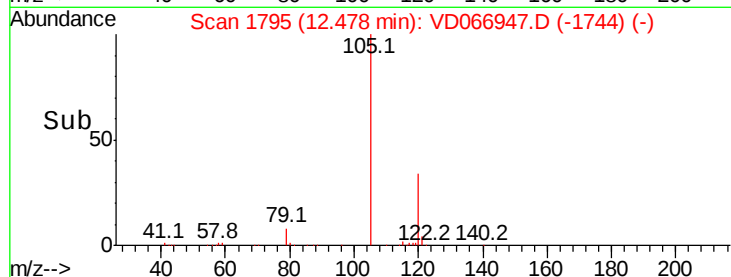
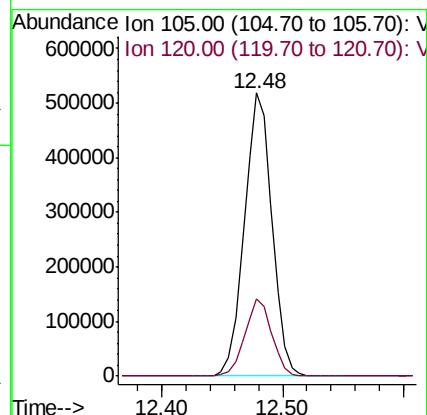
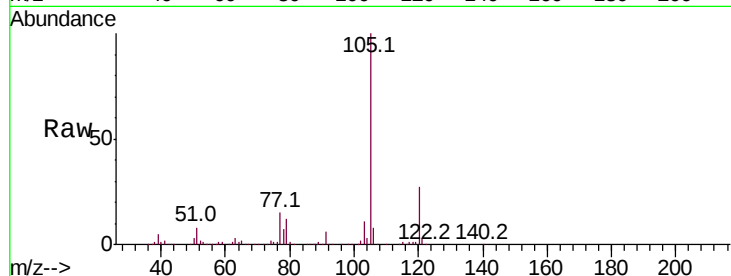
B-11(1-2)MSD

Tot Ion:105 Resp: 824016

Ion Ratio Lower Upper

105 100

120 26.6 12.9 38.6



#74

N-ethyl acetate

Concen: 58.793 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Tgt Ion: 43 Resp: 169002

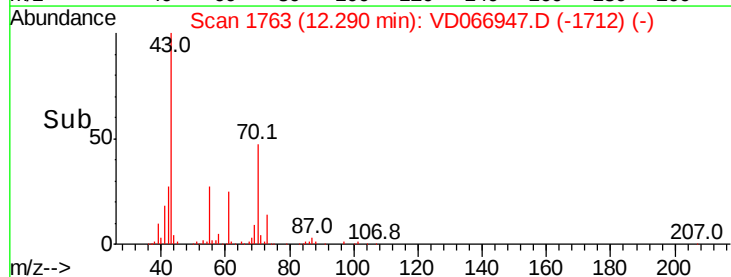
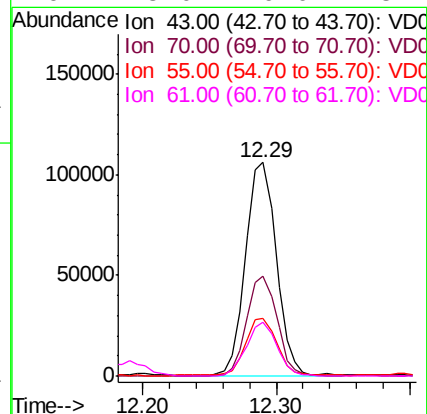
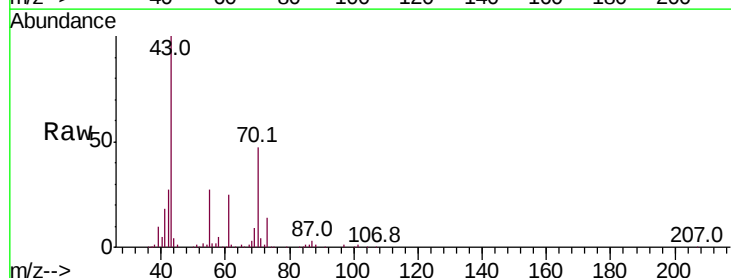
Ion Ratio Lower Upper

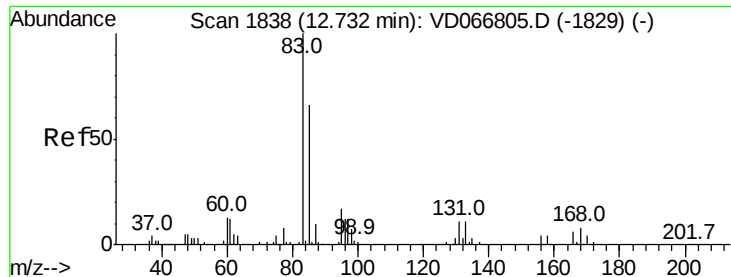
43 100

70 46.4 36.1 54.1

55 27.8 21.8 32.8

61 25.0 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 61.233 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MSD

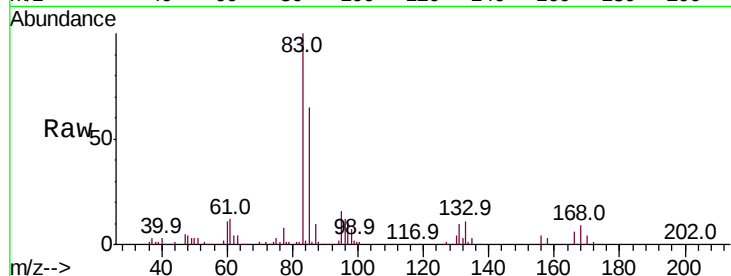
Tot Ion: 83 Resp: 155529

Ion Ratio Lower Upper

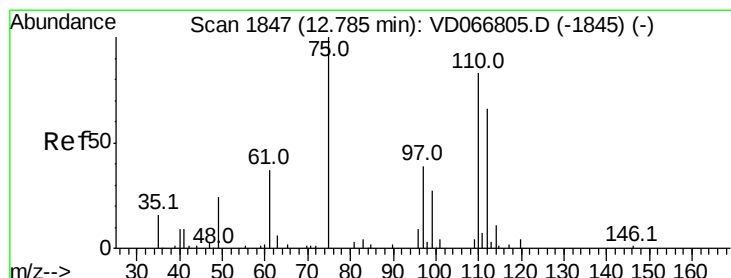
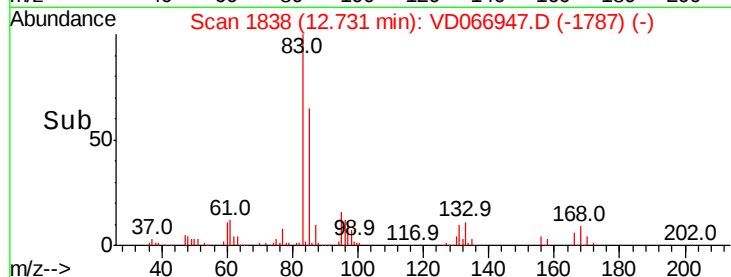
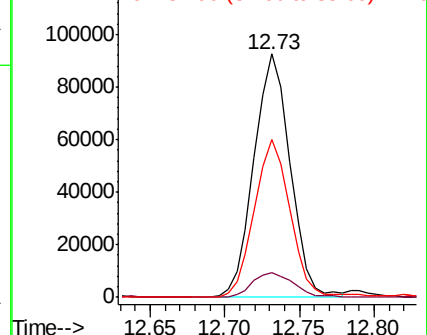
83 100

131 11.5 5.5 16.7

85 64.1 32.1 96.5



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



#76

1,2,3-Trichloropropane

Concen: 116.685 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066947.D

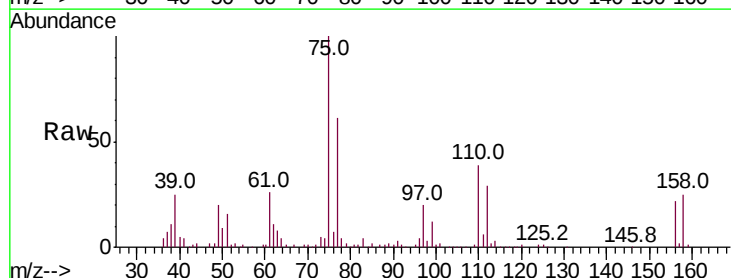
Acq: 29 Sep 2020 19:04

Tgt Ion: 75 Resp: 197037

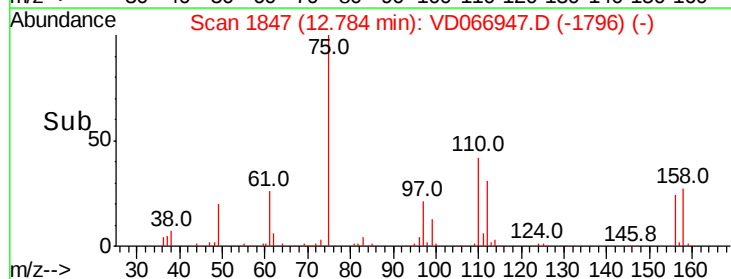
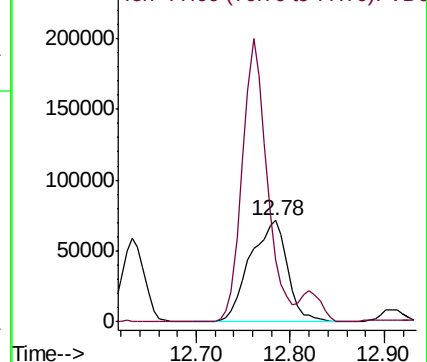
Ion Ratio Lower Upper

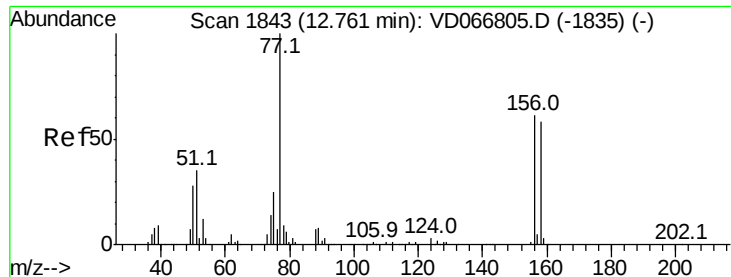
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 62.701 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MSD

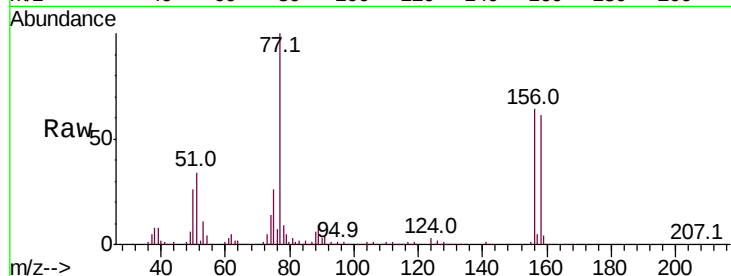
Tot Ion:156 Resp: 215855

Ion Ratio Lower Upper

156 100

77 169.9 92.3 276.9

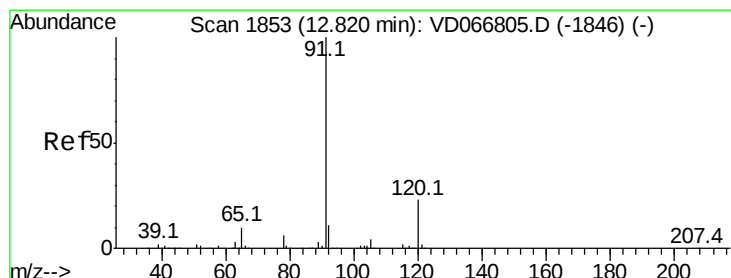
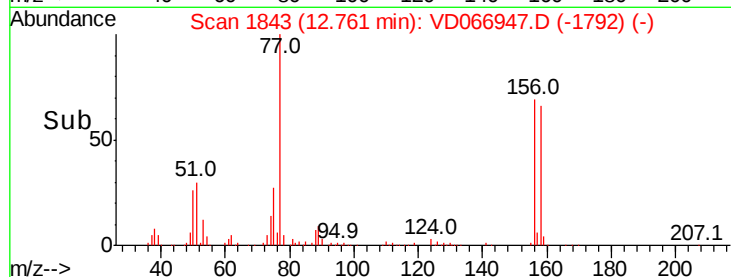
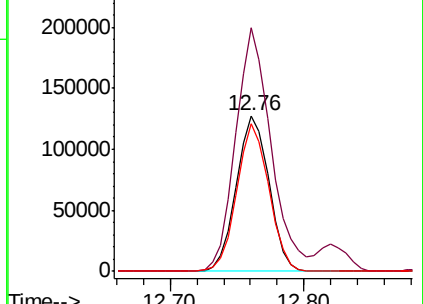
158 93.1 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.160 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066947.D

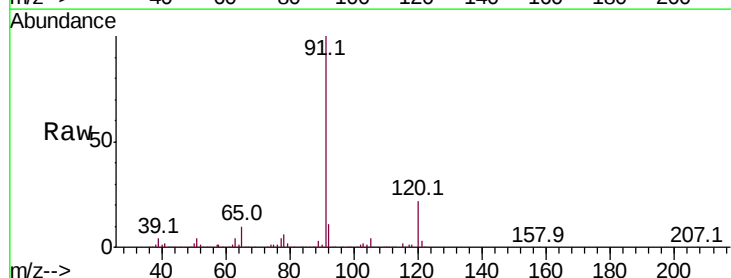
Acq: 29 Sep 2020 19:04

Tgt Ion: 91 Resp: 905977

Ion Ratio Lower Upper

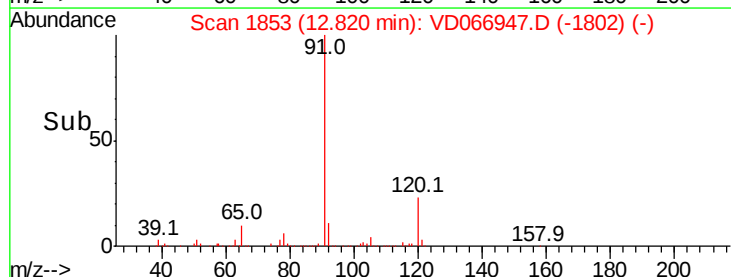
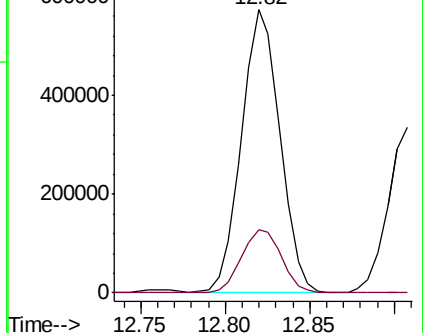
91 100

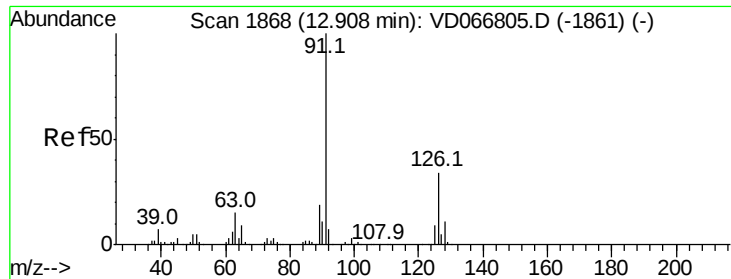
120 23.3 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.890 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

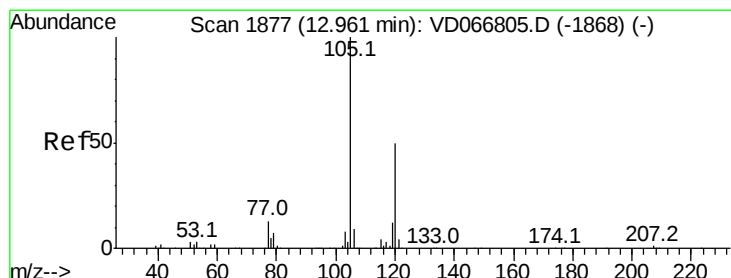
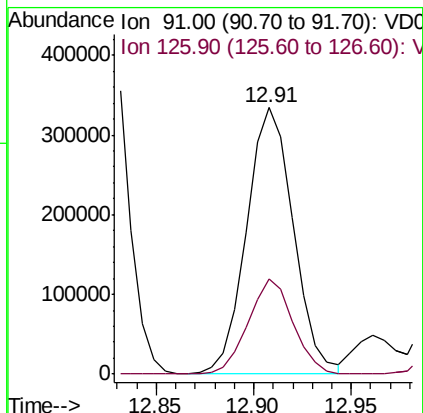
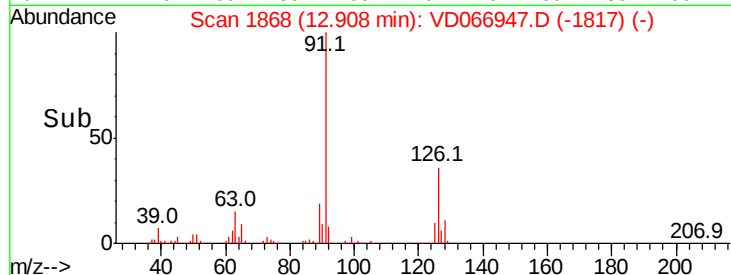
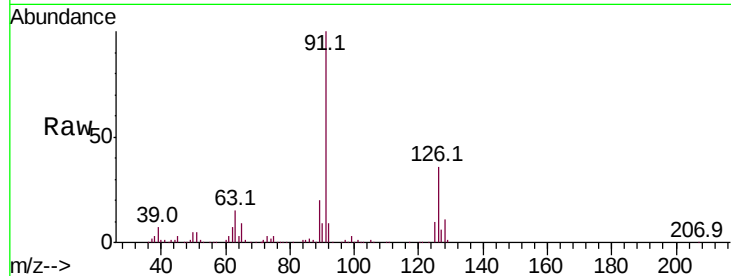
B-11(1-2)MSD

Tot Ion: 91 Resp: 553907

Ion Ratio Lower Upper

91 100

126 34.5 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 54.265 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066947.D

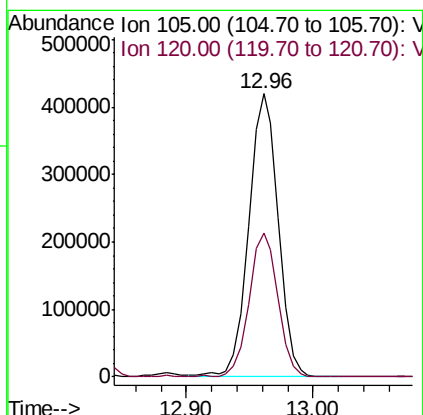
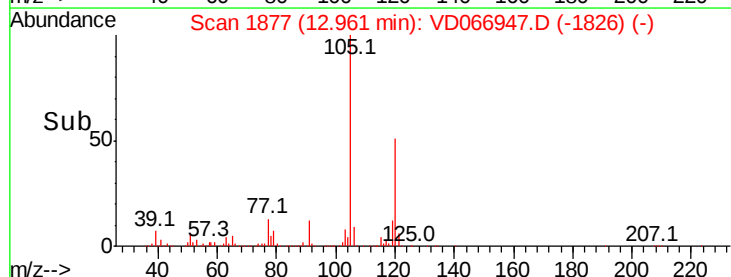
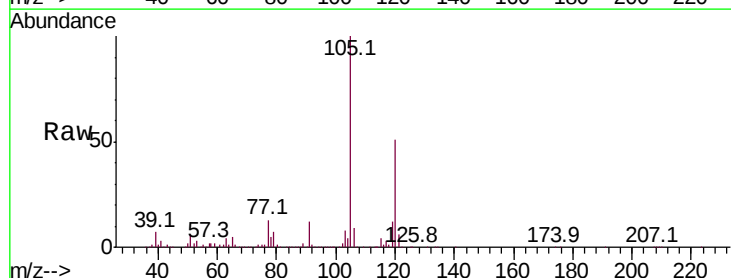
Acq: 29 Sep 2020 19:04

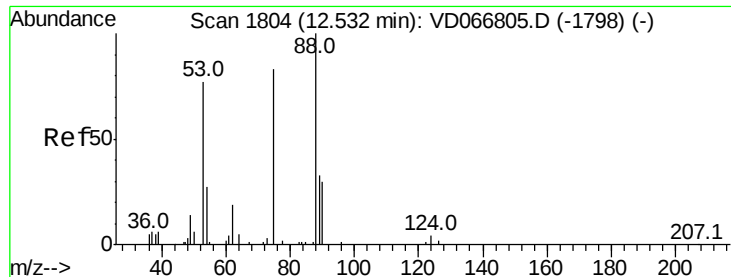
Tgt Ion:105 Resp: 677767

Ion Ratio Lower Upper

105 100

120 50.1 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 63.555 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MSD

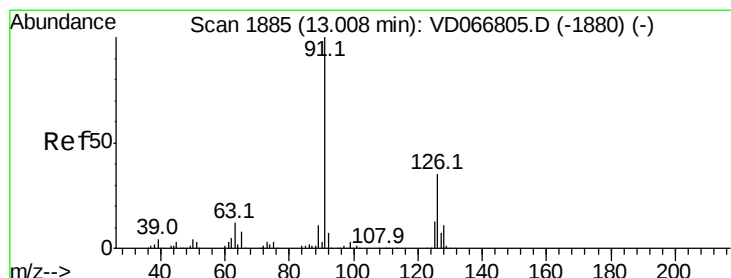
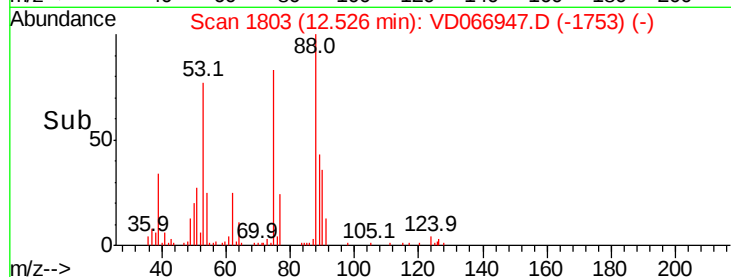
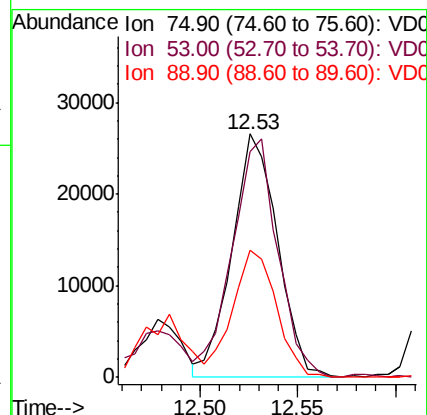
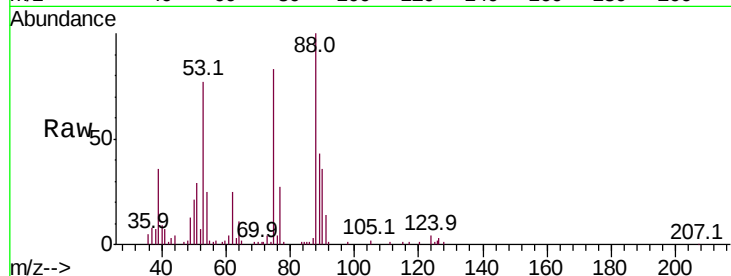
Tot Ion: 75 Resp: 42895

Ion Ratio Lower Upper

75 100

53 98.4 78.5 117.7

89 50.4 38.1 57.1



#82

4-Chlorotoluene

Concen: 54.325 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066947.D

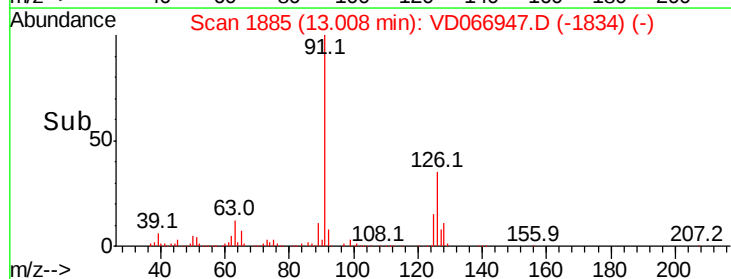
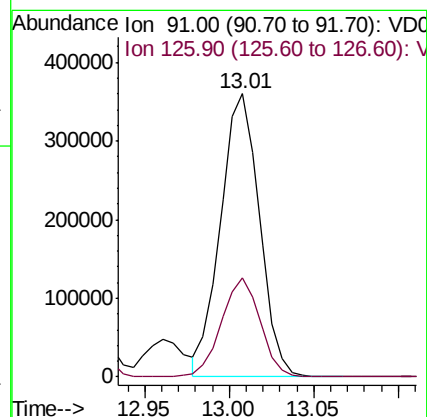
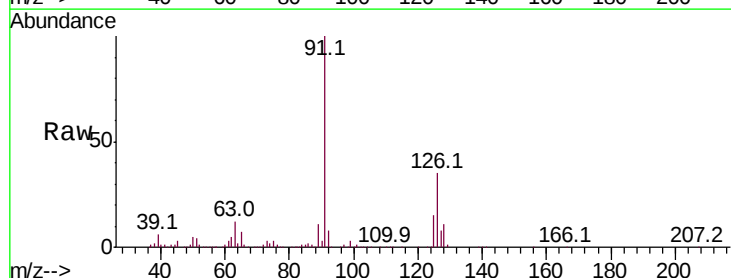
Acq: 29 Sep 2020 19:04

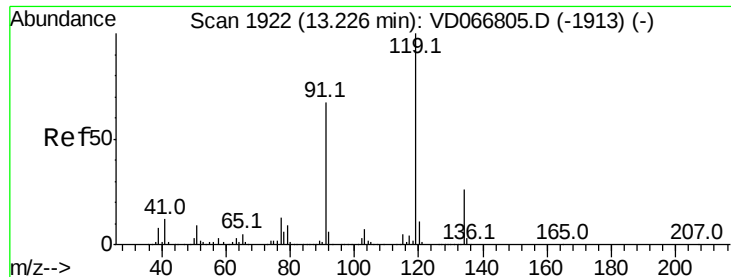
Tgt Ion: 91 Resp: 577884

Ion Ratio Lower Upper

91 100

126 34.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 50.864 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MSD

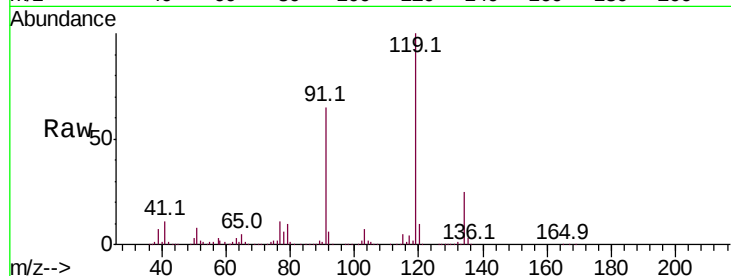
Tot Ion:119 Resp: 522034

Ion Ratio Lower Upper

119 100

91 66.4 33.6 100.8

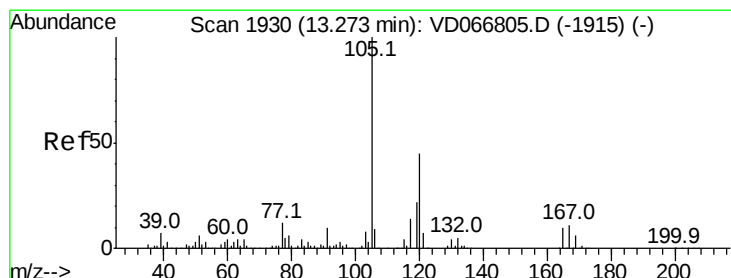
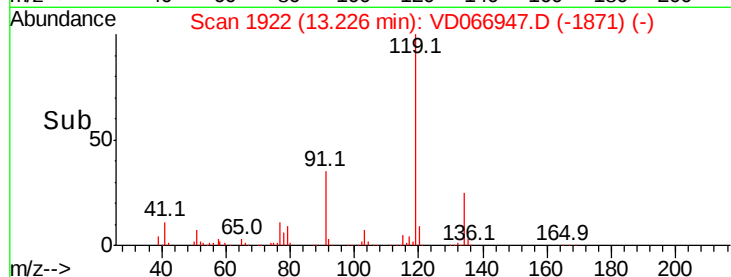
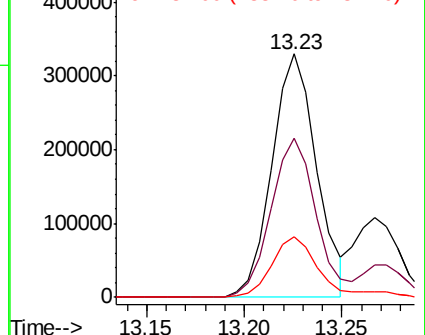
134 27.1 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 55.332 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066947.D

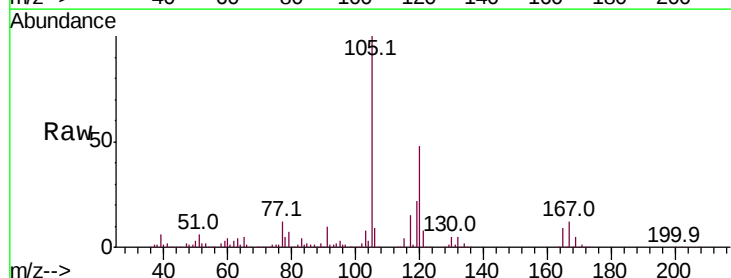
Acq: 29 Sep 2020 19:04

Tgt Ion:105 Resp: 685291

Ion Ratio Lower Upper

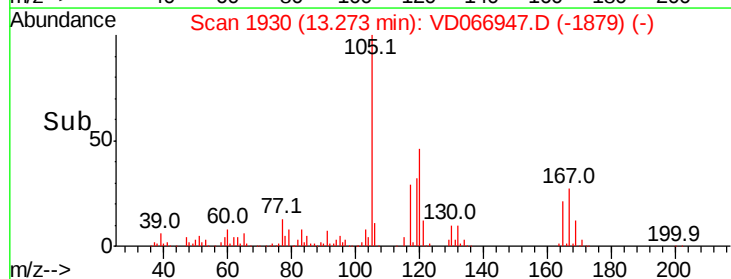
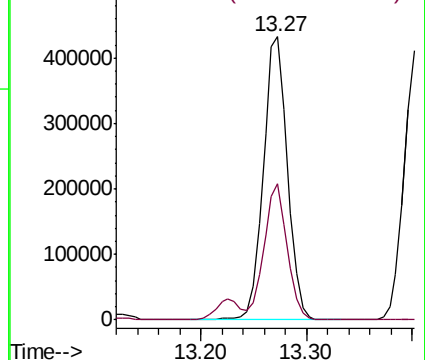
105 100

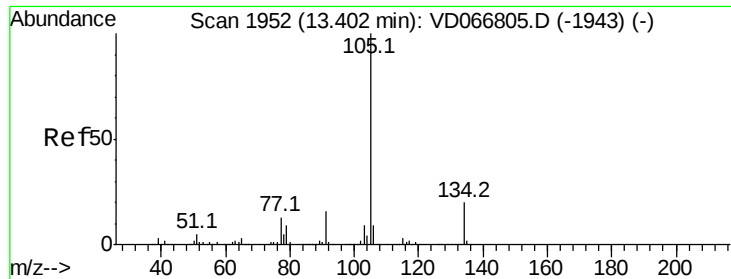
120 45.7 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 44.456 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

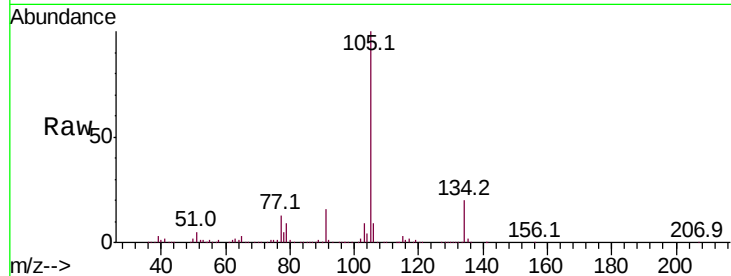
B-11(1-2)MSD

Tot Ion:105 Resp: 656103

Ion Ratio Lower Upper

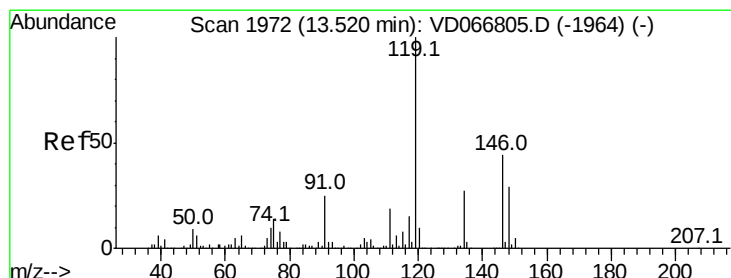
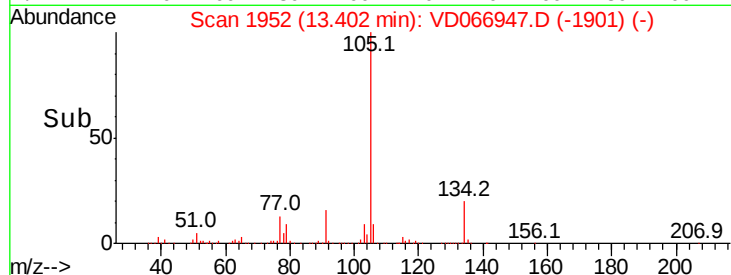
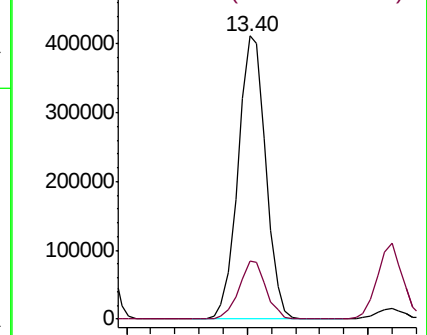
105 100

134 20.1 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: 46.195 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

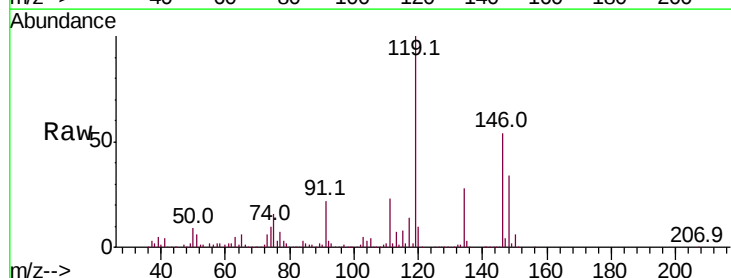
Tgt Ion:119 Resp: 614544

Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

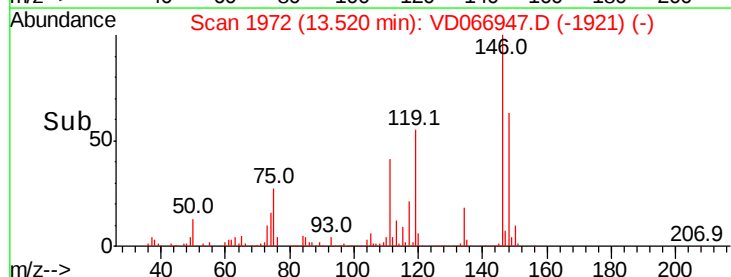
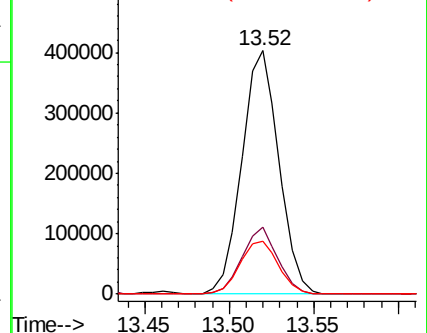
91 22.7 12.0 36.1

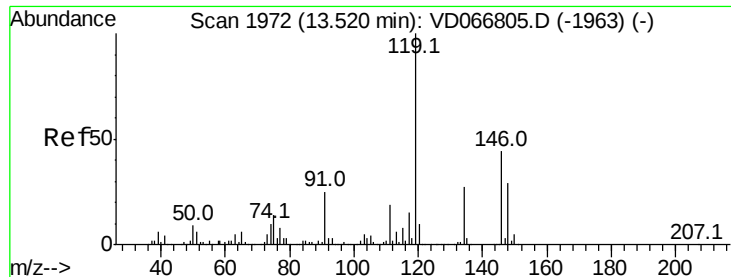


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.660 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

Instrument :

MSVOA_D

ClientSampleId :

B-11(1-2)MSD

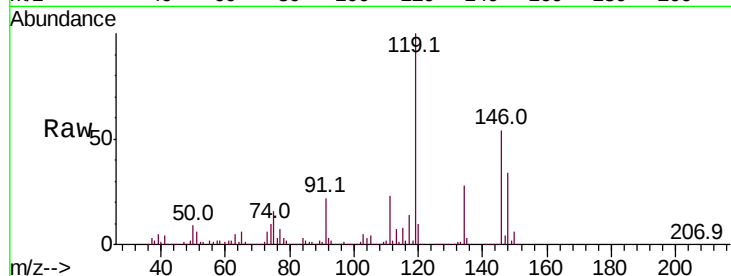
Tot Ion:146 Resp: 358165

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.9

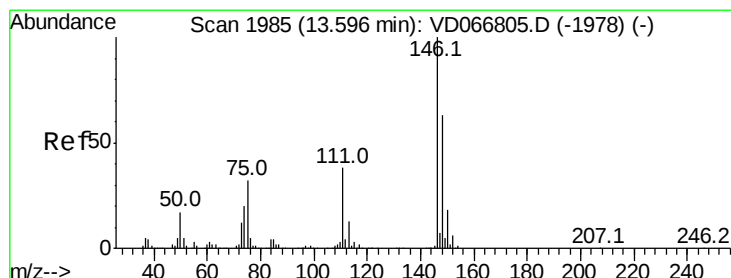
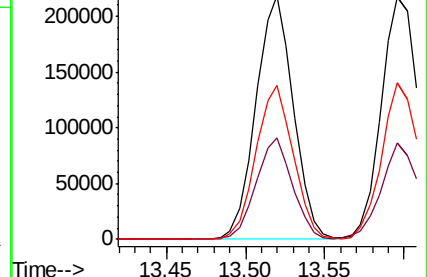
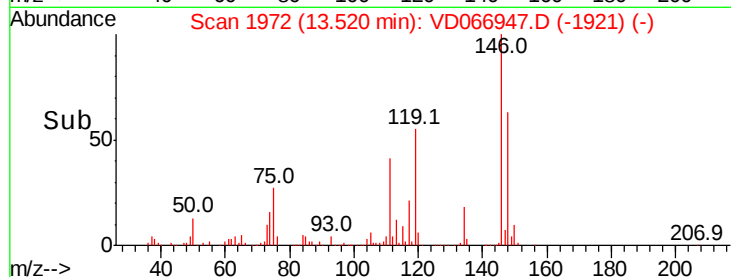
148 63.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.686 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066947.D

Acq: 29 Sep 2020 19:04

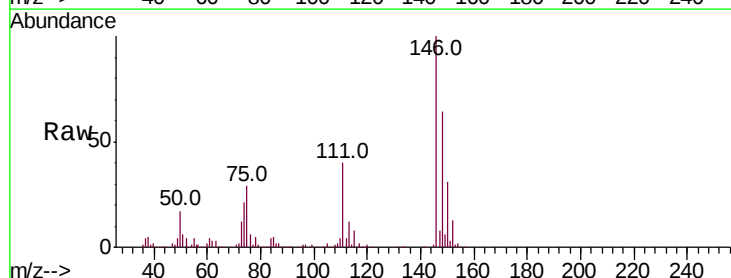
Tgt Ion:146 Resp: 355906

Ion Ratio Lower Upper

146 100

111 39.2 20.2 60.5

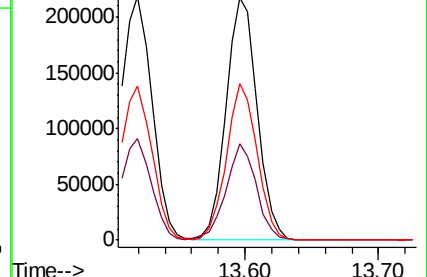
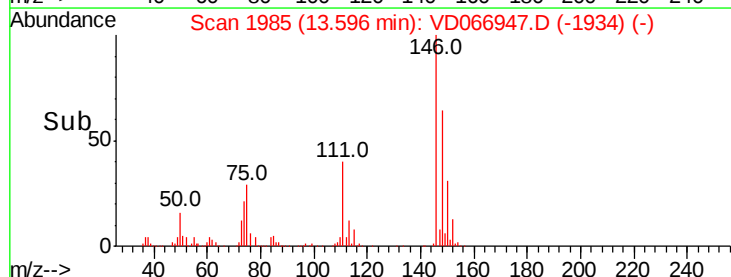
148 63.7 31.6 94.7

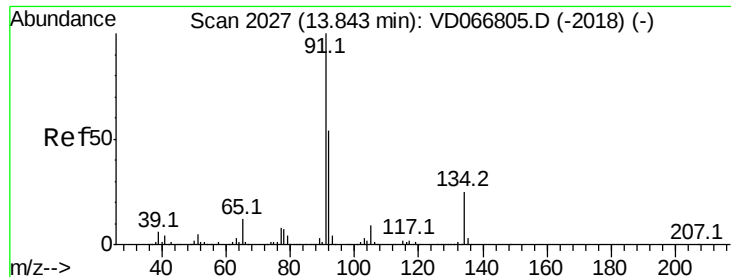


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

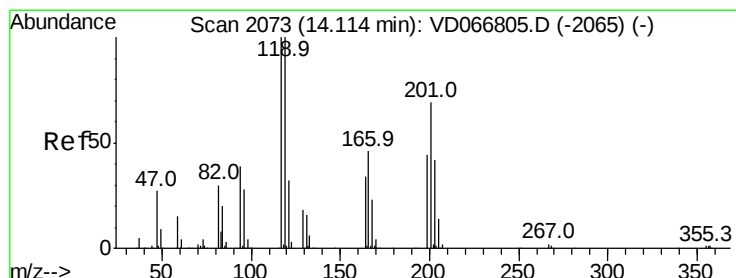
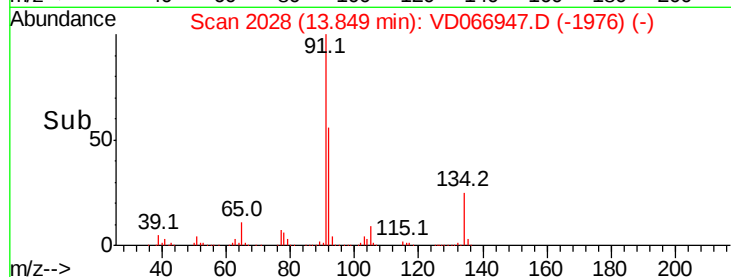
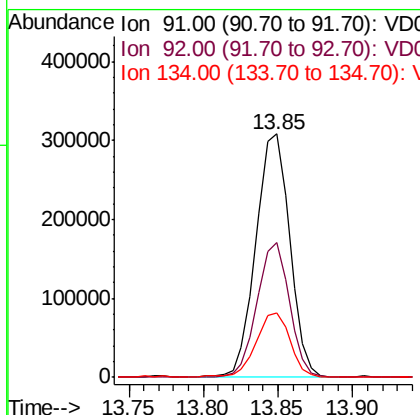
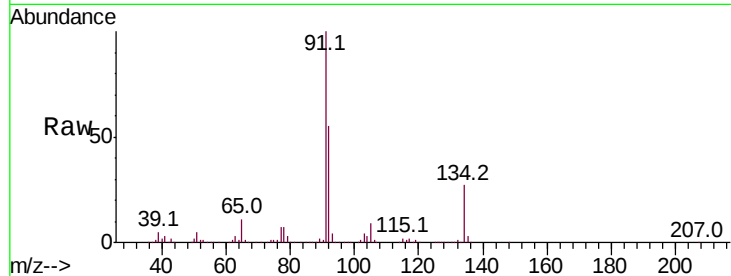




#89
n-Butylbenzene
Concen: 38.080 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

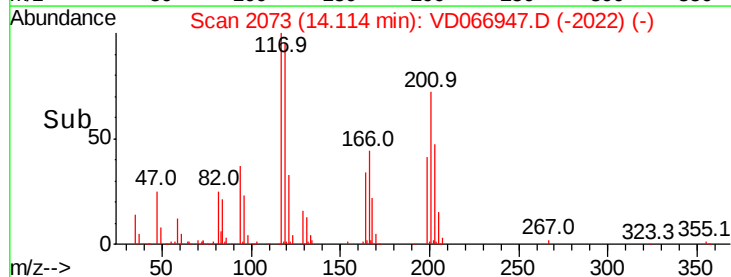
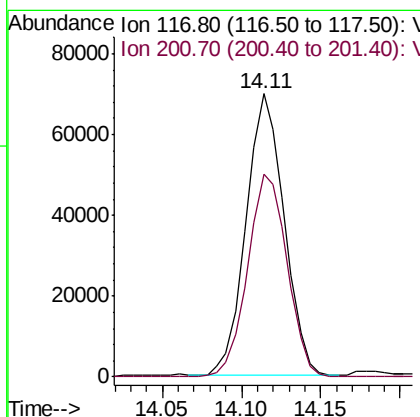
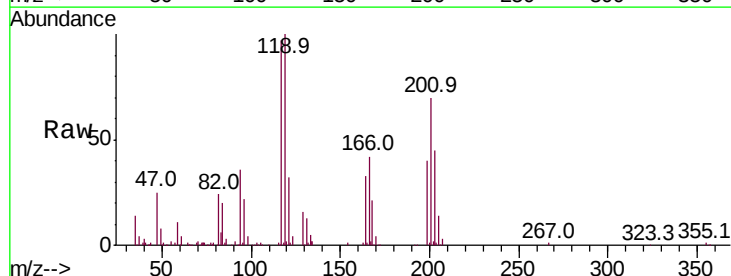
Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MSD

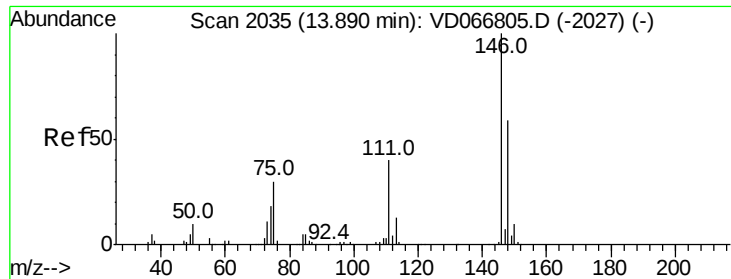
Tot Ion: 91 Resp: 481502
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.0
134 26.8 13.1 39.1



#90
Hexachloroethane
Concen: 43.057 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Tgt Ion: 117 Resp: 116288
Ion Ratio Lower Upper
117 100
201 74.5 33.7 101.0

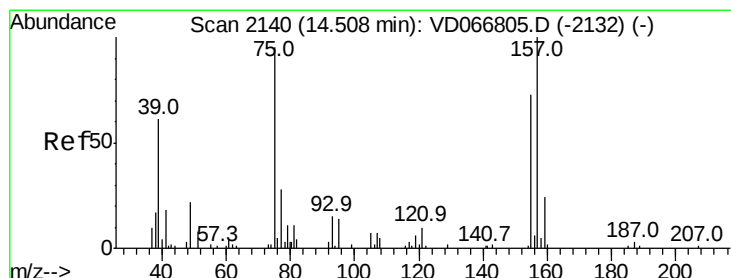
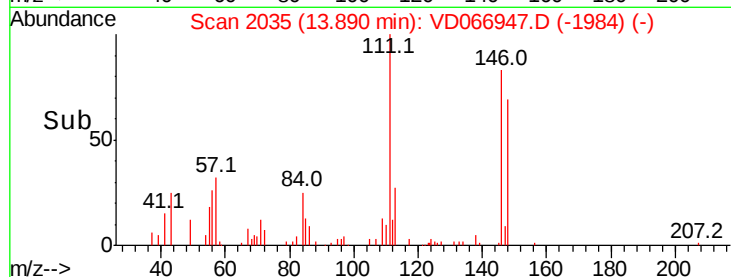
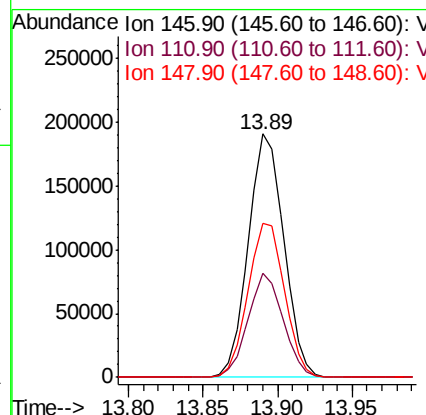
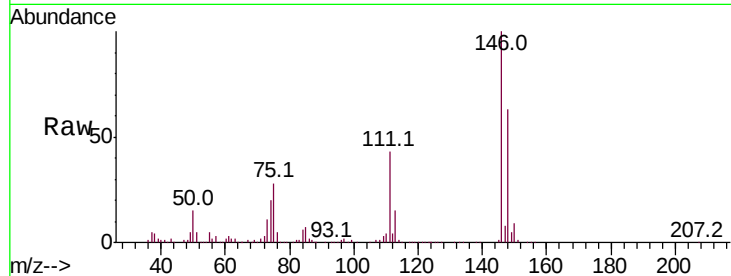




#91
 1,2-Dichlorobenzene
 Concen: 54.063 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

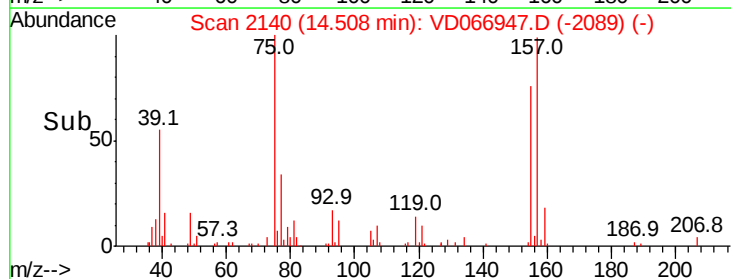
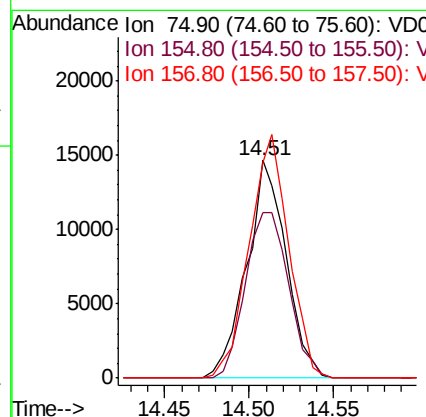
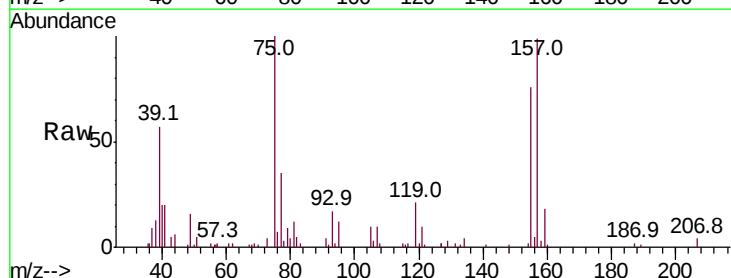
Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MSD

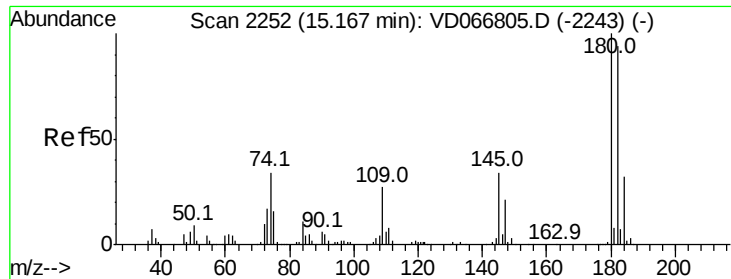
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.9	62.7
148	65.1	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.486 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.4	40.4	121.2
157	111.4	51.3	153.9

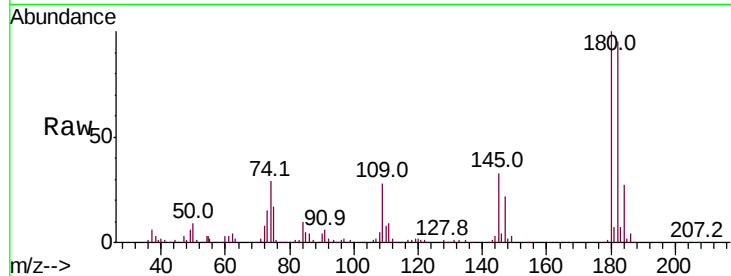




#93
 1,2,4-Trichlorobenzene
 Concen: 40.828 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

Instrument :
 MSVOA_D
 ClientSampleId :
 B-11(1-2)MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.8	146.3
145	34.4	16.7	50.0

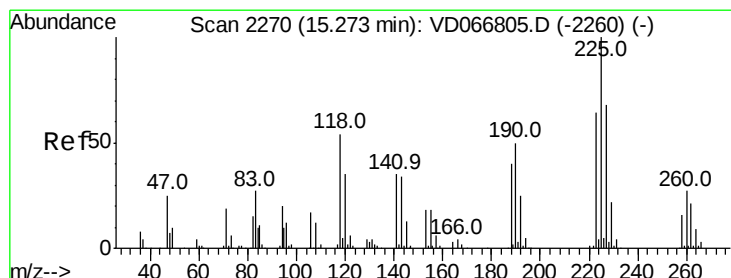
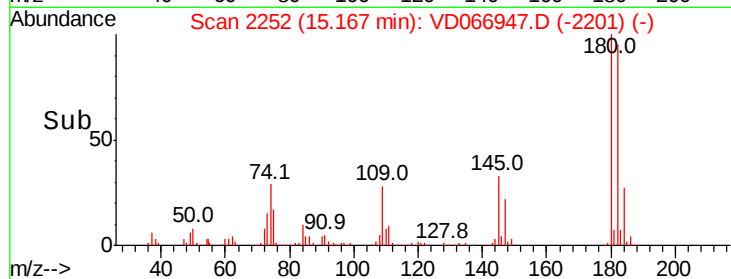
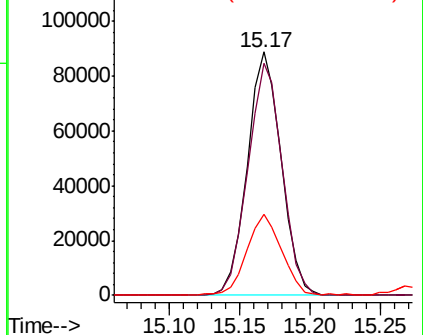


Abundance

Ion 179.80 (179.50 to 180.50): V

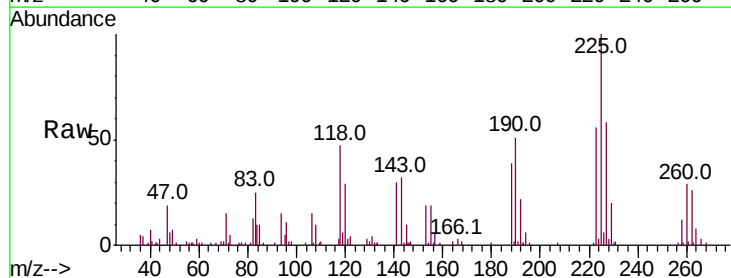
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 23.269 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066947.D
 Acq: 29 Sep 2020 19:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.1	93.3
227	62.3	31.7	95.1

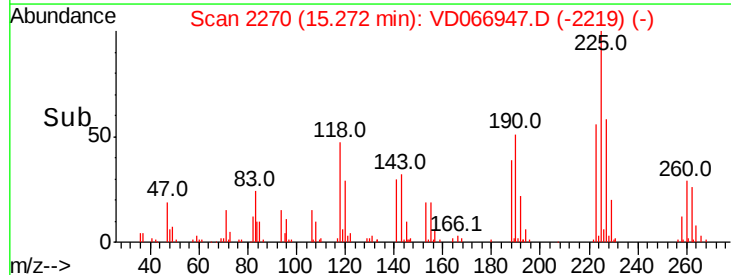
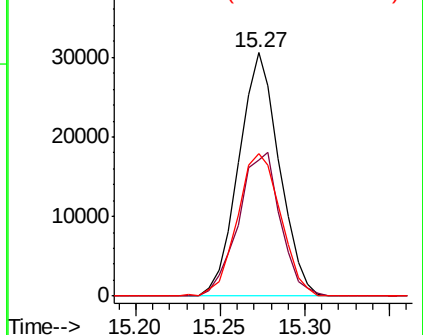


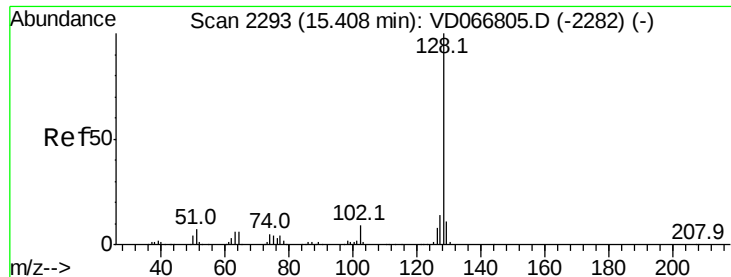
Abundance

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

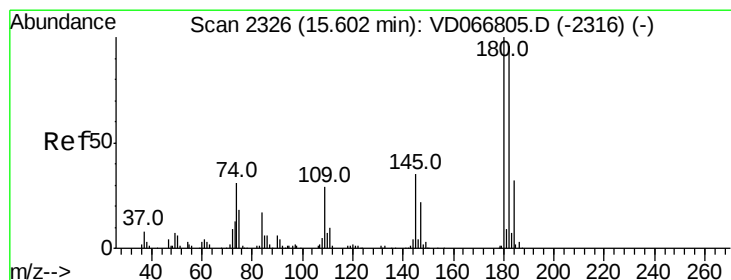
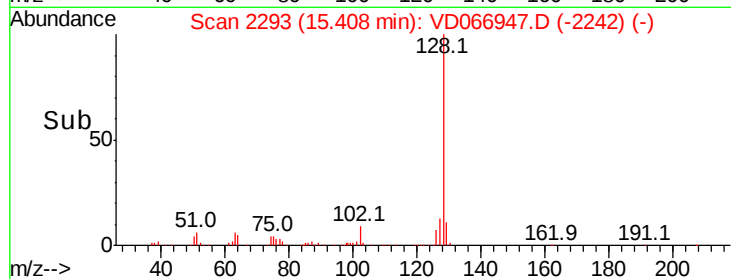
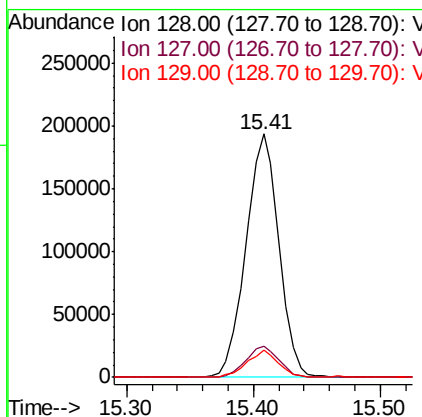
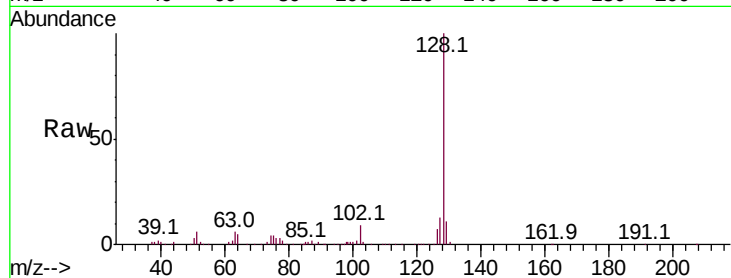




#95
Naphthalene
Concen: 56.267 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Instrument :
MSVOA_D
ClientSampleId :
B-11(1-2)MSD

Tot Ion:128 Resp: 349923
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 42.284 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066947.D
Acq: 29 Sep 2020 19:04

Tgt Ion:180 Resp: 133685
Ion Ratio Lower Upper
180 100
182 92.8 46.8 140.3
145 34.1 17.0 51.0

