

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082120\
 Data File : VD066354.D
 Acq On : 21 Aug 2020 11:52
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 21 12:53:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 12:48:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	240090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	341535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	311554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	164641	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	46177	21.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.44%	
35) Dibromofluoromethane	7.91	113	42085	19.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.06%	
50) Toluene-d8	10.34	98	152409	19.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.44%	
62) 4-Bromofluorobenzene	12.63	95	55049	19.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	44534	20.980	ug/l	96
3) Chloromethane	2.21	50	30072	18.443	ug/l	100
4) Vinyl Chloride	2.35	62	31450	21.212	ug/l	95
5) Bromomethane	2.75	94	23031	23.122	ug/l	96
6) Chloroethane	2.91	64	19487	21.238	ug/l	96
7) Trichlorofluoromethane	3.27	101	86184	22.146	ug/l	95
8) Diethyl Ether	3.70	74	18136	17.220	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	42005	18.838	ug/l	98
10) Methyl Iodide	4.30	142	44757	24.586	ug/l	99
11) Tert butyl alcohol	5.20	59	13004	60.232	ug/l #	71
12) 1,1-Dichloroethene	4.06	96	39385	18.665	ug/l	93
13) Acrolein	3.91	56	10486	64.744	ug/l	97
14) Allyl chloride	4.71	41	51707	16.500	ug/l	99
15) Acrylonitrile	5.42	53	38539	87.365	ug/l	97
16) Acetone	4.16	43	38489	94.418	ug/l	100
17) Carbon Disulfide	4.41	76	119209	17.875	ug/l	99
18) Methyl Acetate	4.71	43	16622	16.521	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	95893	19.642	ug/l	99
20) Methylene Chloride	4.96	84	53990	19.588	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	46684	19.287	ug/l	94
22) Diisopropyl ether	6.36	45	103907	16.770	ug/l	97
23) Vinyl Acetate	6.30	43	318923	87.242	ug/l	98
24) 1,1-Dichloroethane	6.26	63	73565	18.896	ug/l	98
25) 2-Butanone	7.21	43	48048	82.487	ug/l	98
26) 2,2-Dichloropropane	7.21	77	76154	21.068	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	48461	19.019	ug/l	97
28) Bromochloromethane	7.54	49	23863	17.502	ug/l	95
29) Tetrahydrofuran	7.56	42	28238	79.437	ug/l	98
30) Chloroform	7.71	83	82387	19.762	ug/l	94
31) Cyclohexane	7.98	56	64185	17.399	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	83062	20.987	ug/l	98
36) 1,1-Dichloropropene	8.11	75	63044	19.704	ug/l	98
37) Ethyl Acetate	7.29	43	23880	19.101	ug/l #	96
38) Carbon Tetrachloride	8.10	117	81178	22.026	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	72808	18.745	ug/l	97
40) Benzene	8.34	78	164065	18.522	ug/l	97
41) Methacrylonitrile	7.56	41	30127	40.265	ug/l #	64
42) 1,2-Dichloroethane	8.42	62	56406	21.029	ug/l	97
43) Isopropyl Acetate	8.45	43	43351	17.578	ug/l	97
44) Trichloroethene	9.11	130	53486	19.871	ug/l	95
45) 1,2-Dichloropropane	9.38	63	37732	17.605	ug/l	96
46) Dibromomethane	9.47	93	23582	19.704	ug/l	97
47) Bromodichloromethane	9.66	83	65232	20.427	ug/l	99
48) Methyl methacrylate	9.46	41	22111	17.816	ug/l	95
49) 1,4-Dioxane	9.46	88	5079	331.676	ug/l #	85
51) 4-Methyl-2-Pentanone	10.23	43	108075	86.112	ug/l	98
52) Toluene	10.40	92	113134	19.343	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	59945	19.787	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	67303	19.090	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	31490	18.397	ug/l	95
56) Ethyl methacrylate	10.66	69	36776	17.986	ug/l	98
57) 1,3-Dichloropropane	10.94	76	52698	18.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	78528	86.558	ug/l	98
59) 2-Hexanone	10.98	43	73755	83.351	ug/l	97
60) Dibromochloromethane	11.14	129	47534	19.928	ug/l	98
61) 1,2-Dibromoethane	11.24	107	31591	19.236	ug/l	99
64) Tetrachloroethene	10.87	164	47866	19.878	ug/l	98
65) Chlorobenzene	11.67	112	125388	19.703	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	51658	20.681	ug/l	97
67) Ethyl Benzene	11.74	91	221145	19.976	ug/l	97
68) m/p-Xylenes	11.85	106	170458	39.935	ug/l	94
69) o-Xylene	12.18	106	79928	20.617	ug/l	97
70) Styrene	12.19	104	139632	20.573	ug/l	99
71) Bromoform	12.36	173	29984	20.364	ug/l #	97
73) Isopropylbenzene	12.48	105	222583	20.153	ug/l	100
74) N-amyl acetate	12.28	43	41111	17.422	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	32898	17.862	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	44422	32.708	ug/l #	1
77) Bromobenzene	12.76	156	56395	19.826	ug/l	99
78) n-propylbenzene	12.82	91	255007	19.912	ug/l	100
79) 2-Chlorotoluene	12.91	91	146385	20.033	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	192385	20.698	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	10936	17.833	ug/l	93
82) 4-Chlorotoluene	13.00	91	154568	19.976	ug/l	98
83) tert-Butylbenzene	13.23	119	164022	20.197	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	193806	20.963	ug/l	100
85) sec-Butylbenzene	13.40	105	222807	20.347	ug/l	99
86) p-Isopropyltoluene	13.52	119	212821	20.614	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	105605	19.782	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	105566	19.882	ug/l	98
89) n-Butylbenzene	13.84	91	183761	19.929	ug/l	99
90) Hexachloroethane	14.11	117	41058	19.982	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	92348	19.667	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6131	18.862	ug/l	93

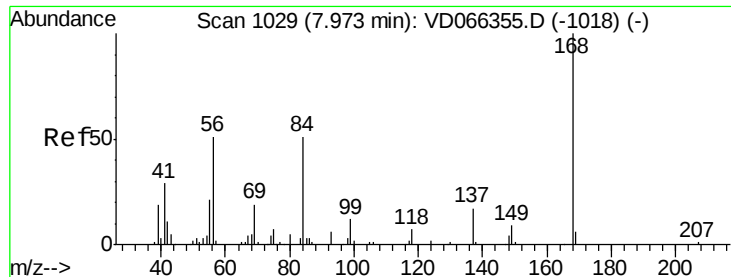
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD082120\
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Operator : VA/SY
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	70308	20.132	ug/l	99
94) Hexachlorobutadiene	15.27	225	43308	20.796	ug/l	95
95) Naphthalene	15.41	128	107550	19.048	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	59932	19.502	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

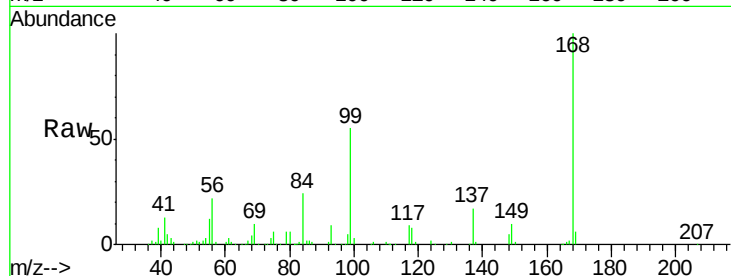
VSTDIC020

Tgt Ion:168 Resp: 240090

Ion Ratio Lower Upper

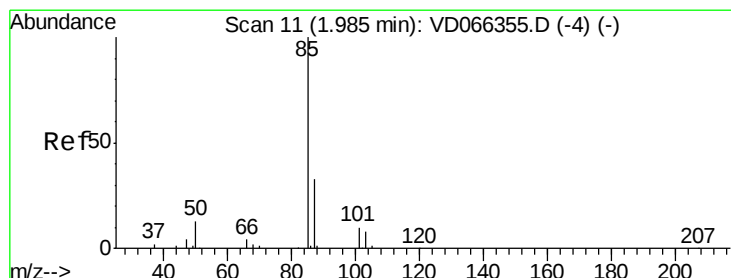
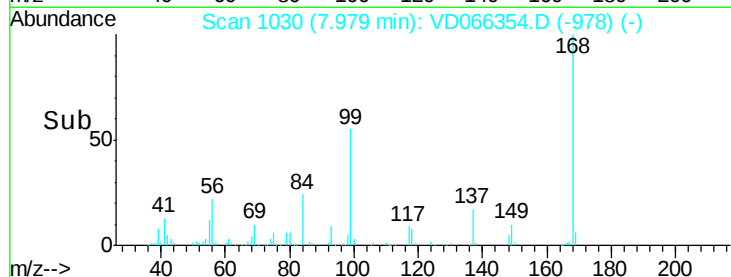
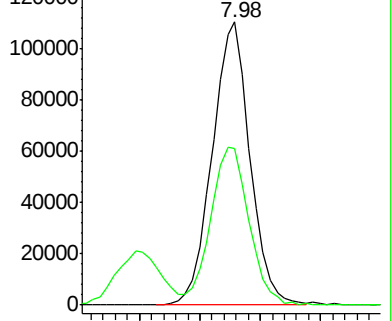
168 100

99 54.8 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 20.980 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066354.D

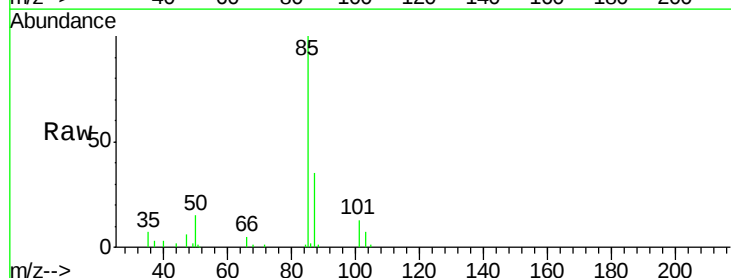
Acq: 21 Aug 2020 11:52

Tgt Ion: 85 Resp: 44534

Ion Ratio Lower Upper

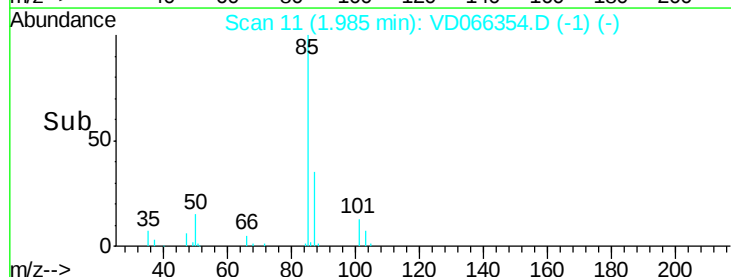
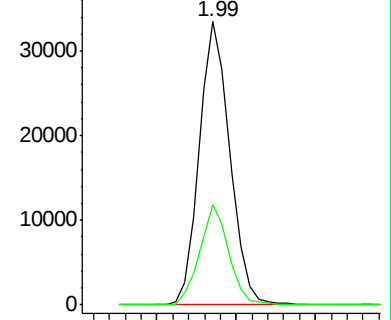
85 100

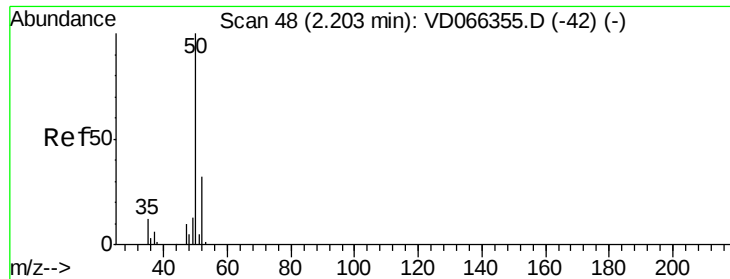
87 35.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.443 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

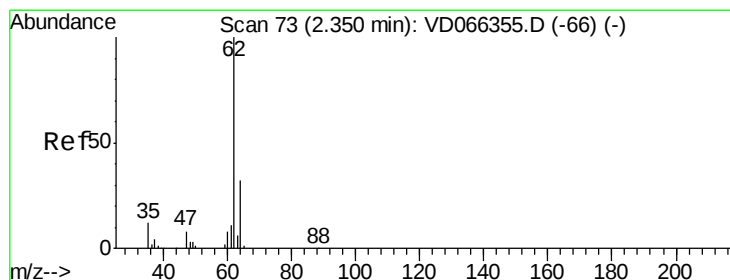
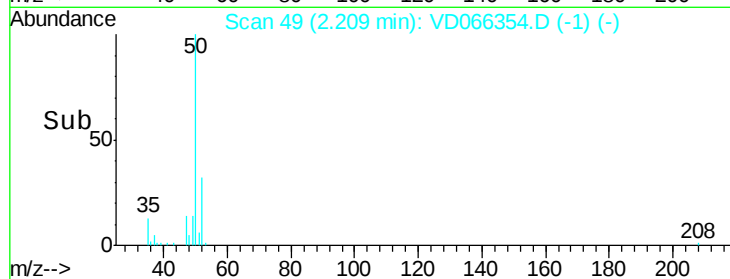
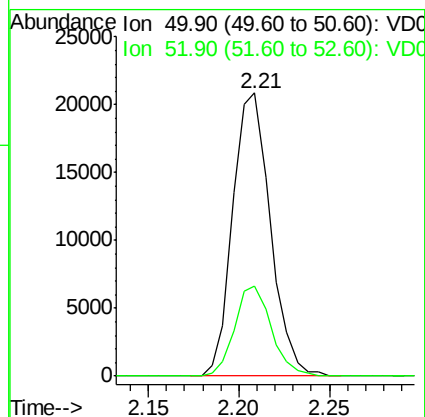
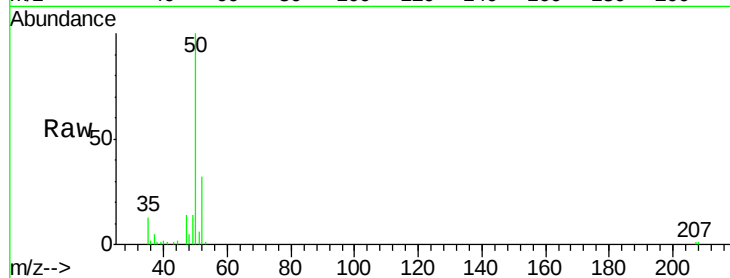
VSTDIC020

Tgt Ion: 50 Resp: 30072

Ion Ratio Lower Upper

50 100

52 32.0 25.7 38.5



#4

Vinyl Chloride

Concen: 21.212 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066354.D

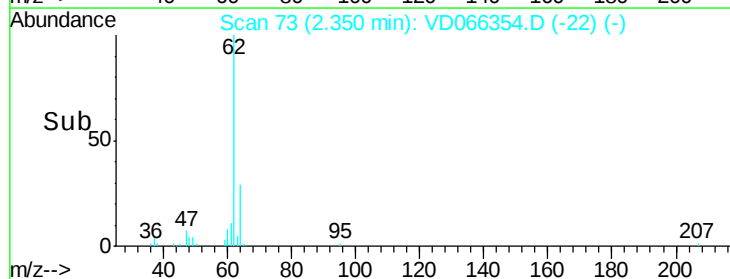
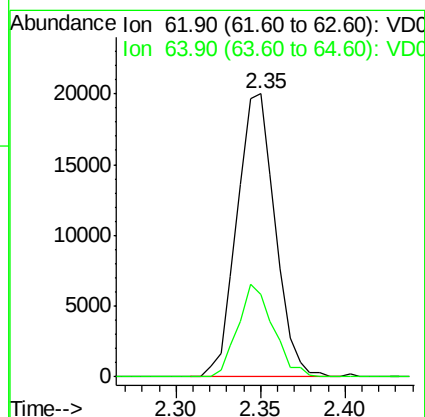
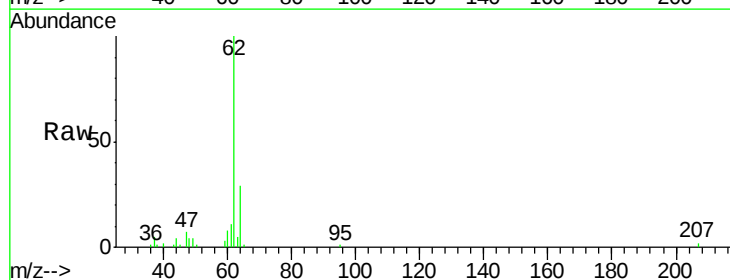
Acq: 21 Aug 2020 11:52

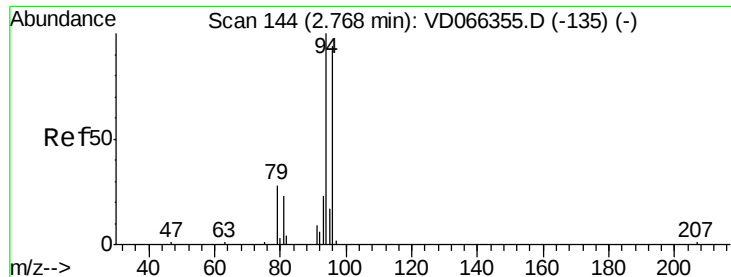
Tgt Ion: 62 Resp: 31450

Ion Ratio Lower Upper

62 100

64 29.2 25.4 38.2





#5

Bromomethane

Concen: 23.122 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

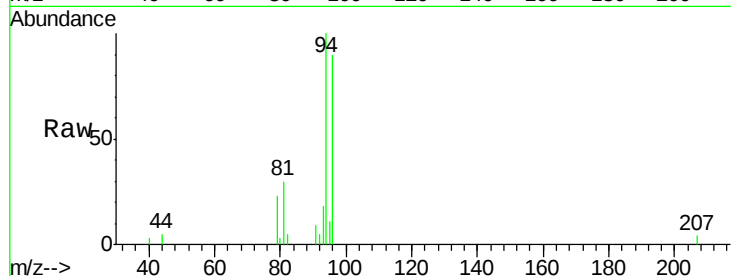
VSTDIC020

Tgt Ion: 94 Resp: 23031

Ion Ratio Lower Upper

94 100

96 89.5 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.75

12000

10000

8000

6000

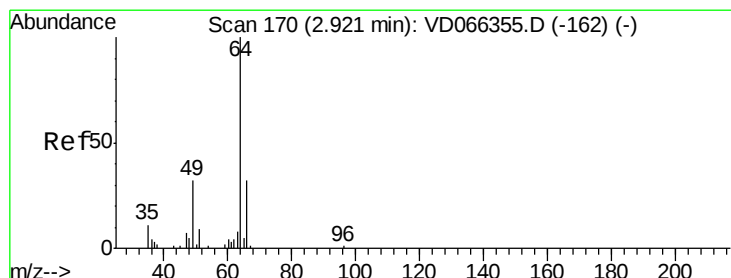
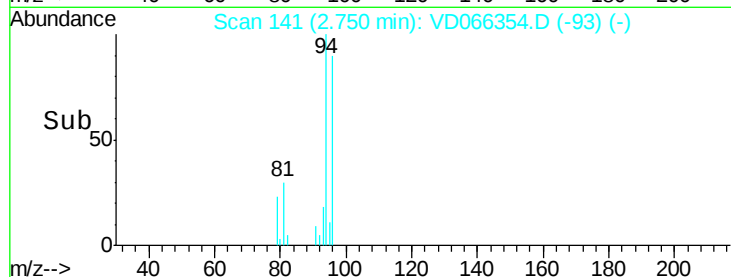
4000

2000

0

Time-->

2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 21.238 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066354.D

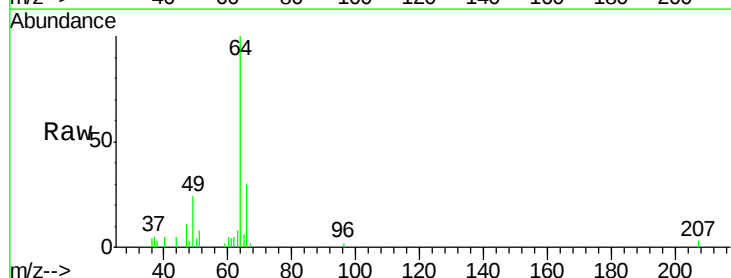
Acq: 21 Aug 2020 11:52

Tgt Ion: 64 Resp: 19487

Ion Ratio Lower Upper

64 100

66 29.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.91

10000

8000

6000

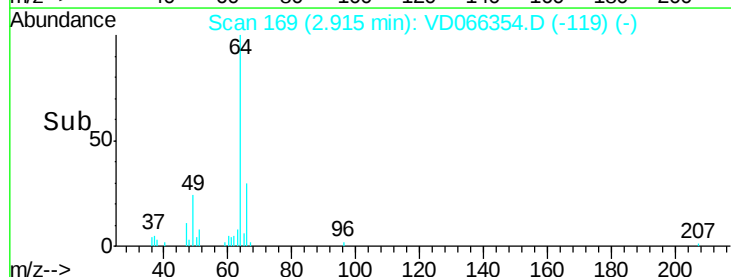
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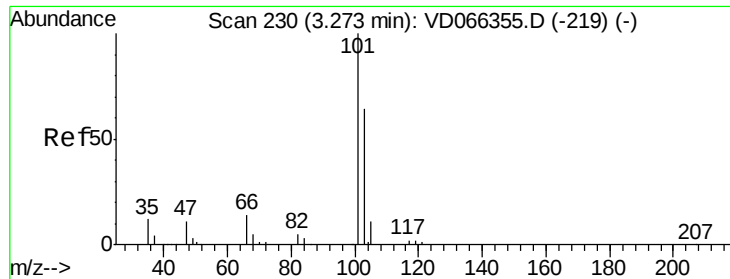
2000

0

Time-->

2.85 2.90 2.95 3.00





#7

Trichlorofluoromethane

Concen: 22.146 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

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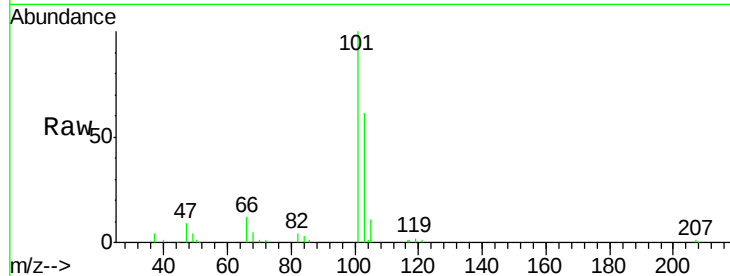
VSTDIC020

Tgt Ion:101 Resp: 86184

Ion Ratio Lower Upper

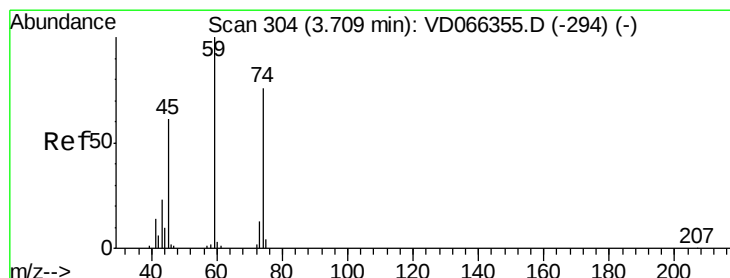
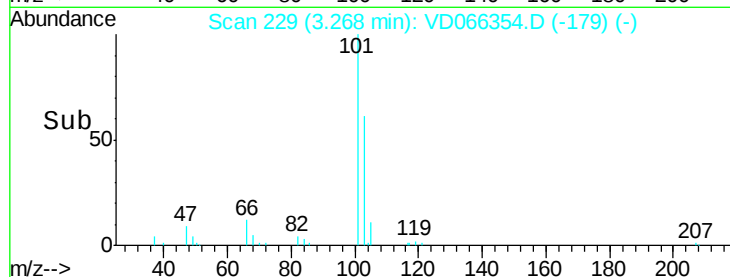
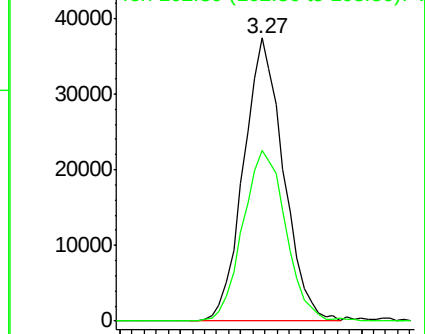
101 100

103 60.5 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 17.220 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD066354.D

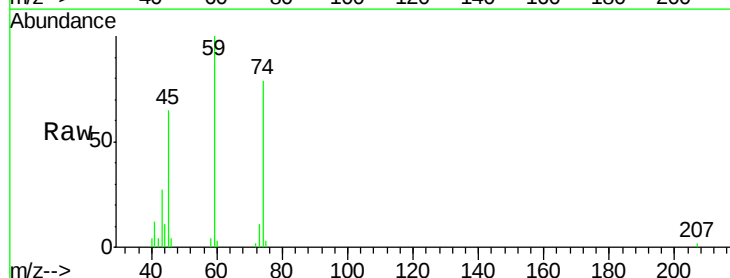
Acq: 21 Aug 2020 11:52

Tgt Ion: 74 Resp: 18136

Ion Ratio Lower Upper

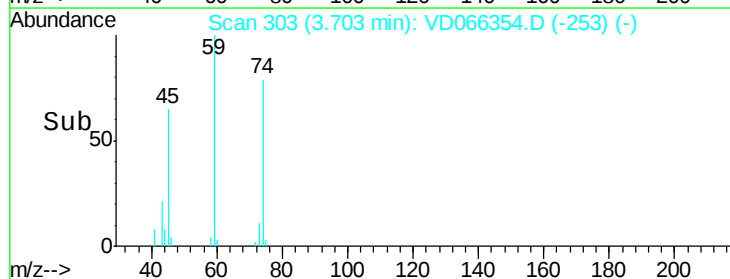
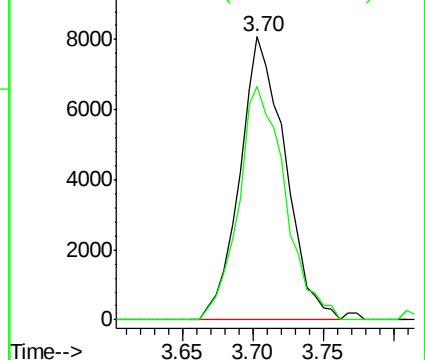
74 100

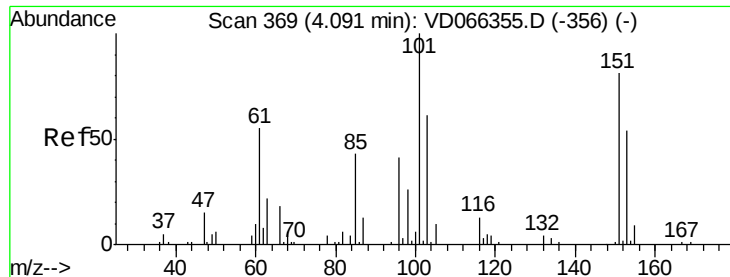
45 85.0 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.838 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

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VSTDIC020

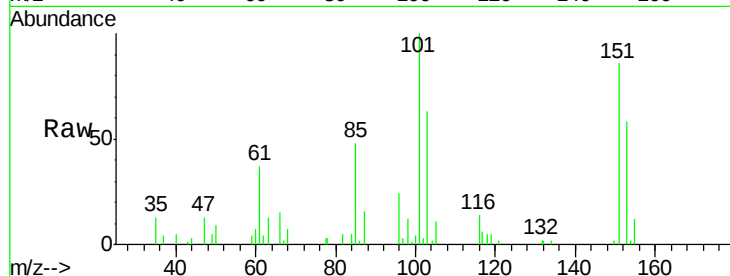
Tgt Ion:101 Resp: 42005

Ion Ratio Lower Upper

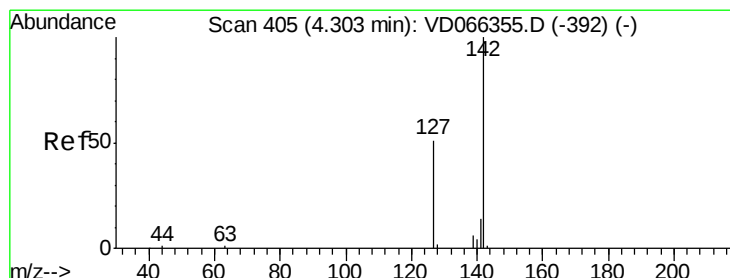
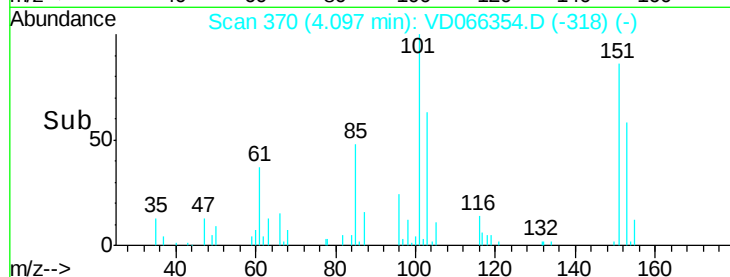
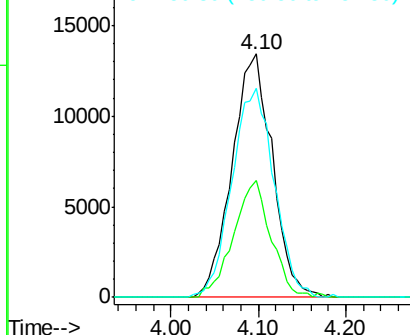
101 100

85 44.4 36.4 54.6

151 90.2 70.5 105.7



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 24.586 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

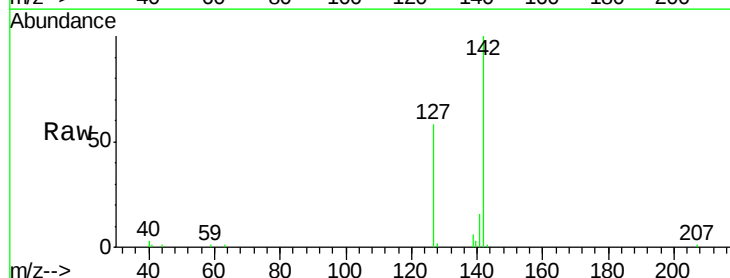
Tgt Ion:142 Resp: 44757

Ion Ratio Lower Upper

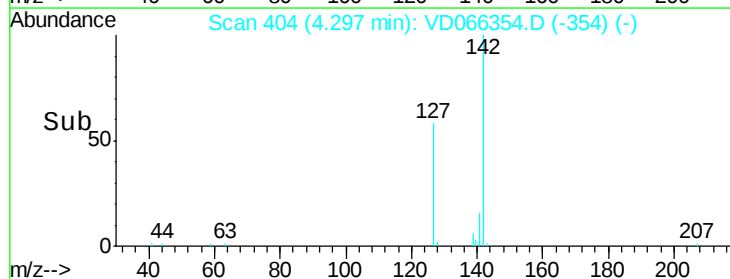
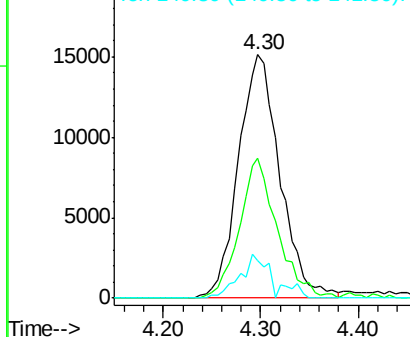
142 100

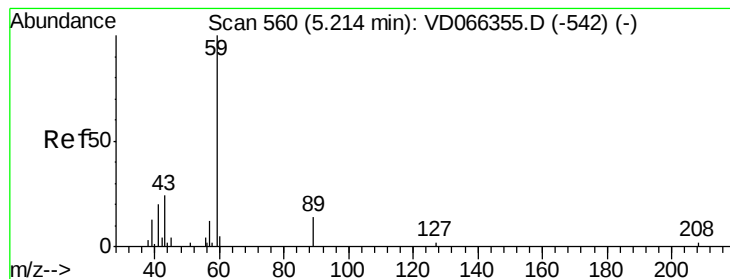
127 52.2 41.8 62.8

141 12.8 11.8 17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 60.232 ug/l

RT: 5.20 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

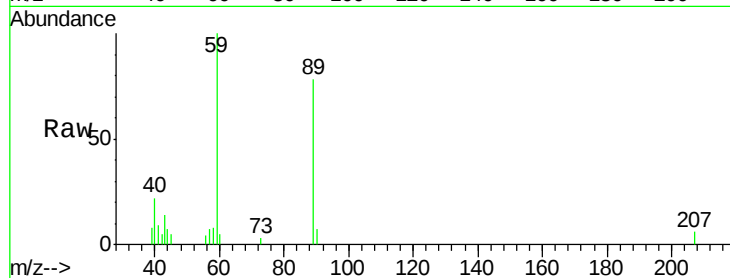
VSTDIC020

Tgt Ion: 59 Resp: 13004

Ion Ratio Lower Upper

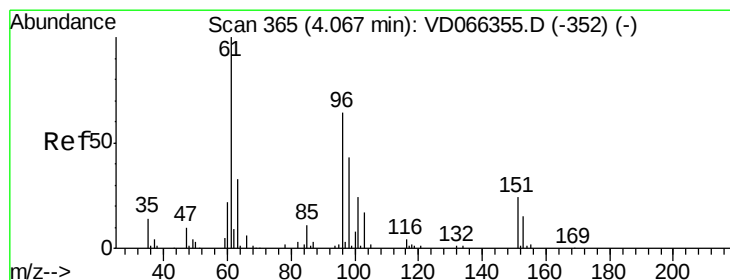
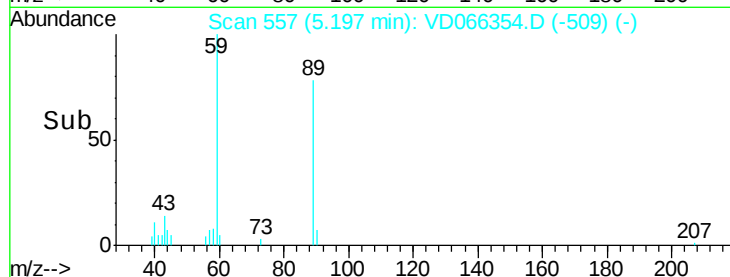
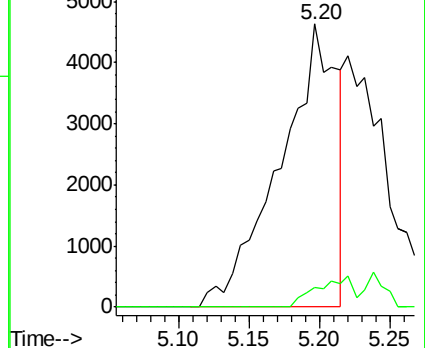
59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 18.665 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

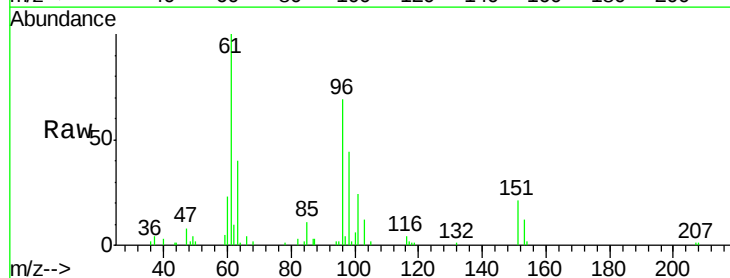
Tgt Ion: 96 Resp: 39385

Ion Ratio Lower Upper

96 100

61 145.1 124.3 186.5

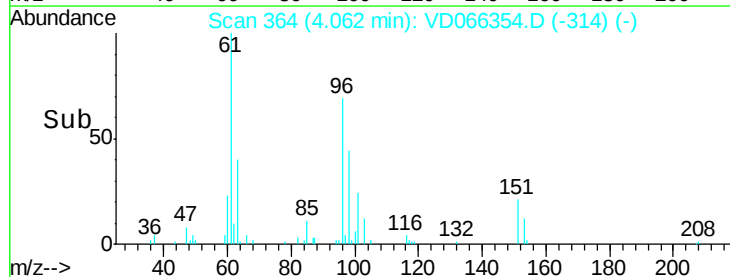
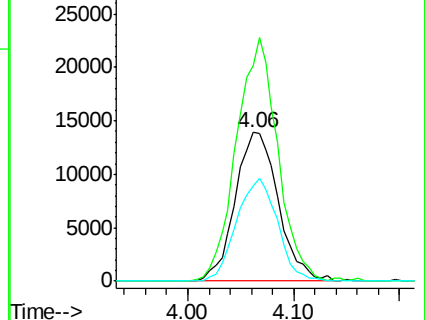
98 63.9 53.2 79.8

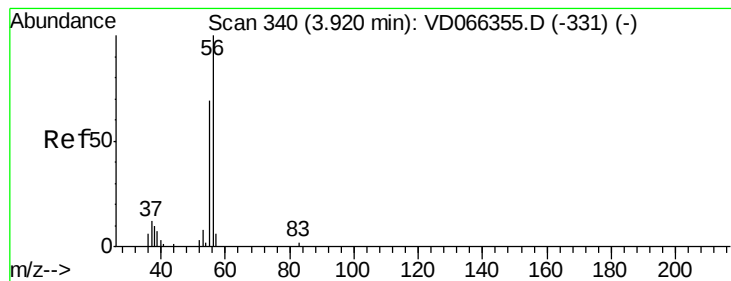


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 64.744 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

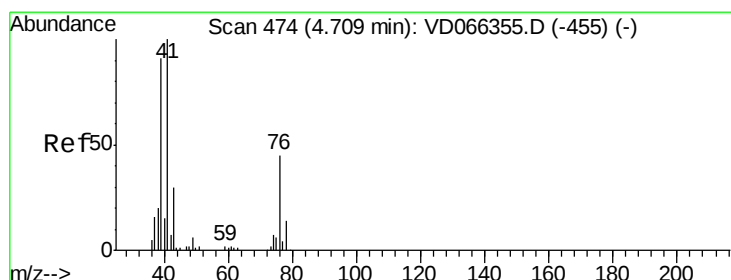
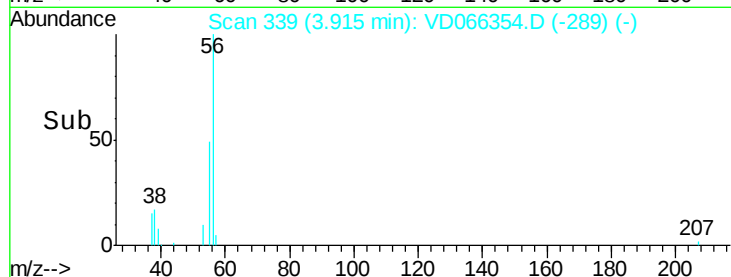
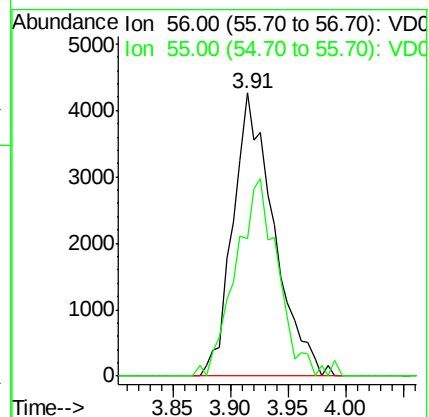
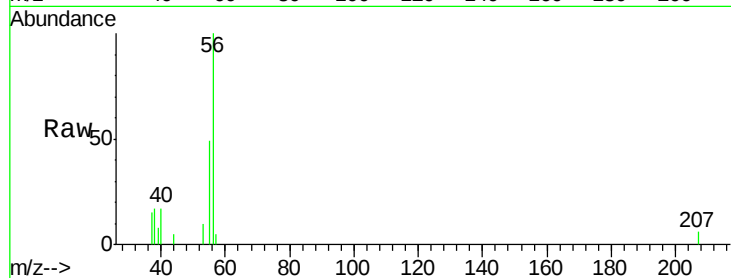
VSTDIC020

Tgt Ion: 56 Resp: 10486

Ion Ratio Lower Upper

56 100

55 71.5 55.5 83.3



#14

Allyl chloride

Concen: 16.500 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

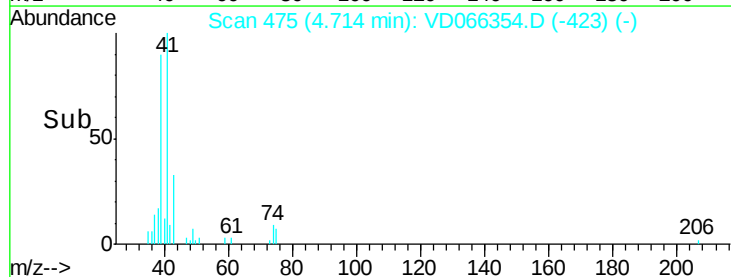
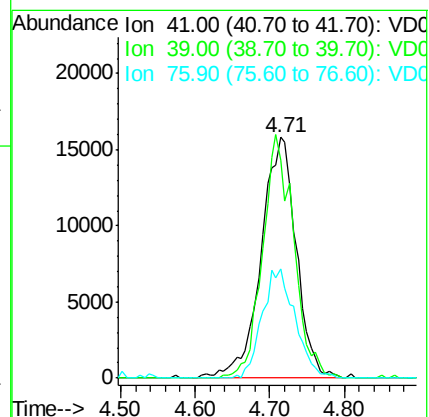
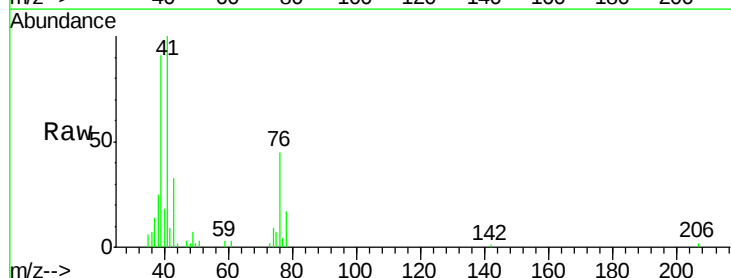
Tgt Ion: 41 Resp: 51707

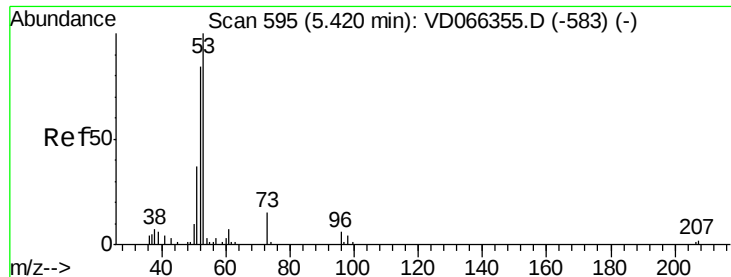
Ion Ratio Lower Upper

41 100

39 89.9 72.8 109.2

76 42.5 34.0 51.0





#15

Acrylonitrile

Concen: 87.365 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

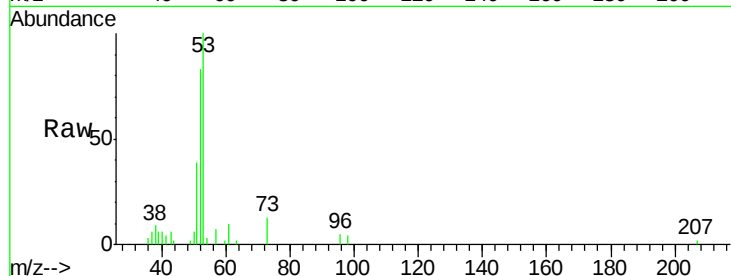
Tgt Ion: 53 Resp: 38539

Ion Ratio Lower Upper

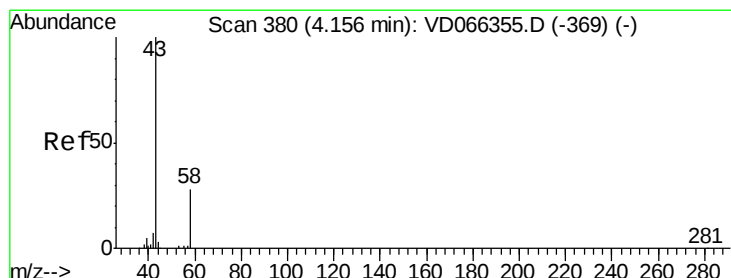
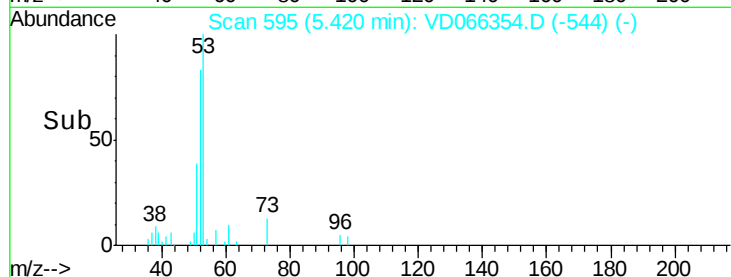
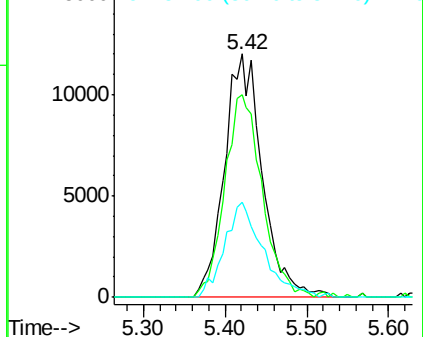
53 100

52 82.7 68.1 102.1

51 40.1 33.8 50.6



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



#16

Acetone

Concen: 94.418 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066354.D

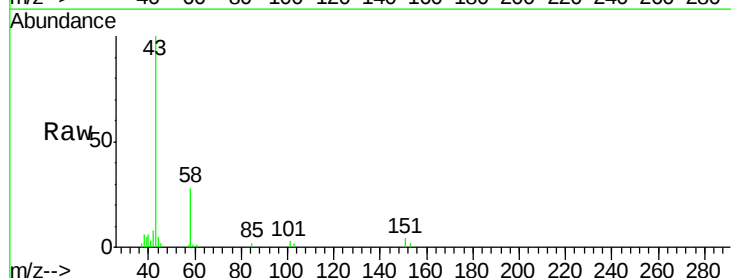
Acq: 21 Aug 2020 11:52

Tgt Ion: 43 Resp: 38489

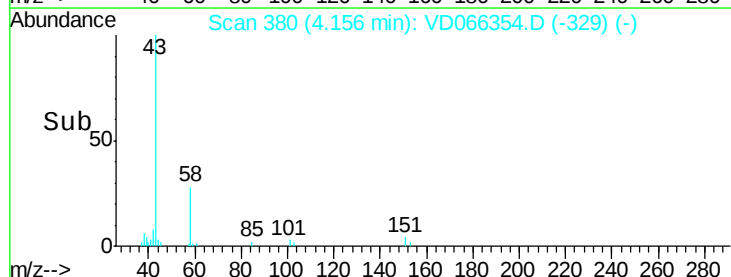
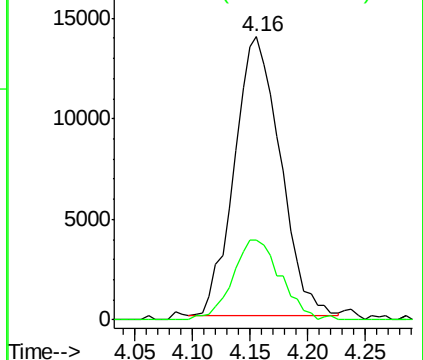
Ion Ratio Lower Upper

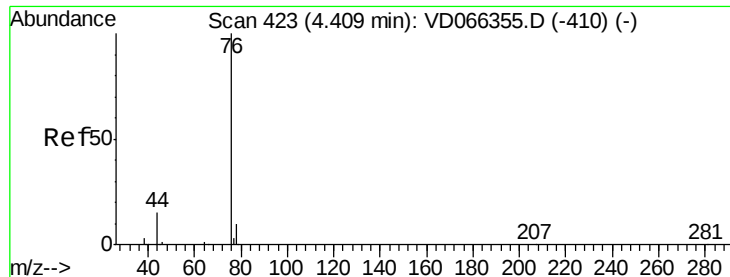
43 100

58 28.6 22.7 34.1



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

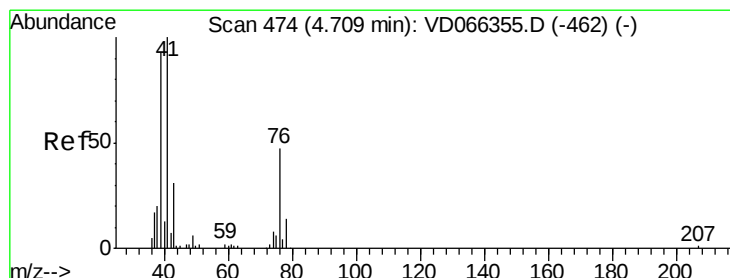
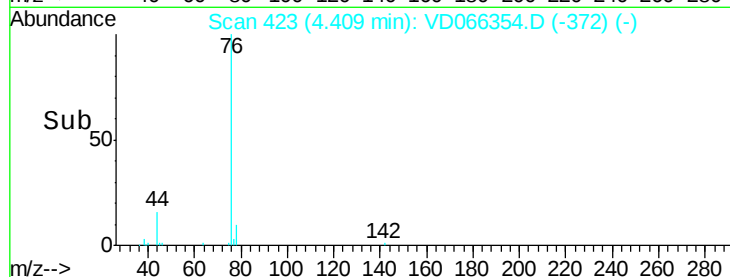
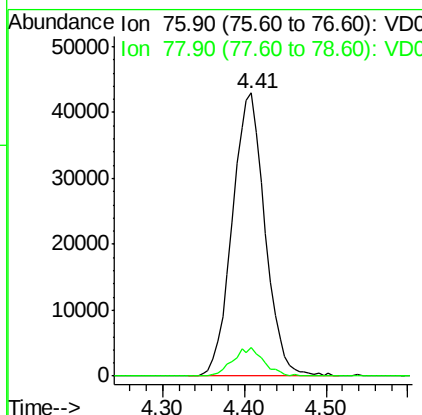
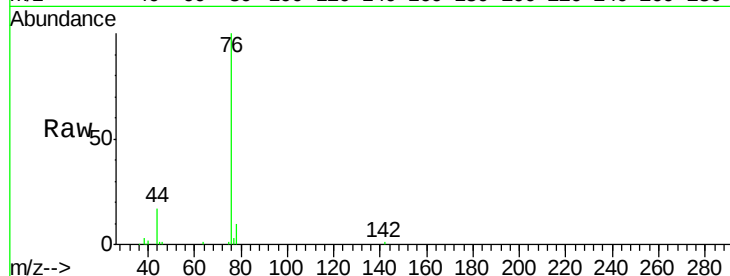




#17
Carbon Disulfide
Concen: 17.875 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

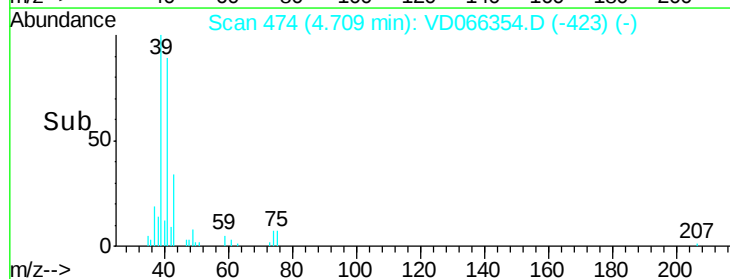
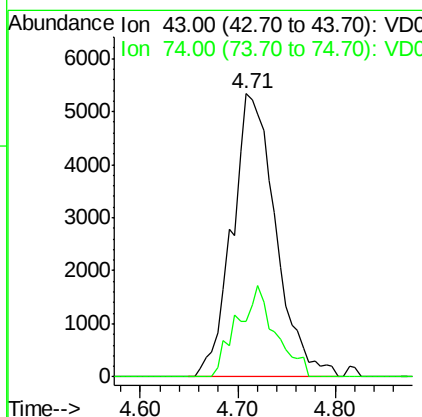
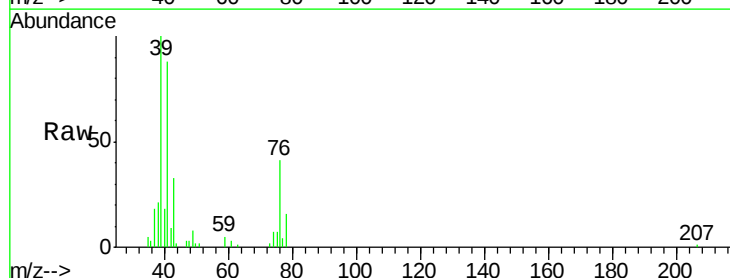
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

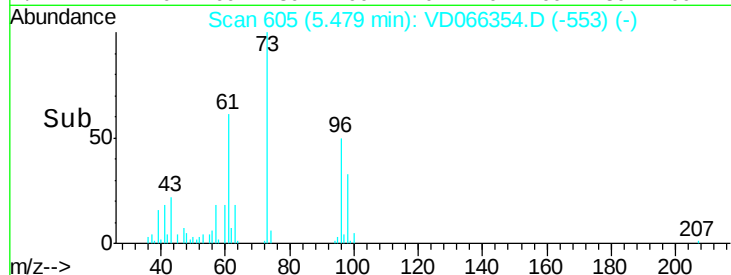
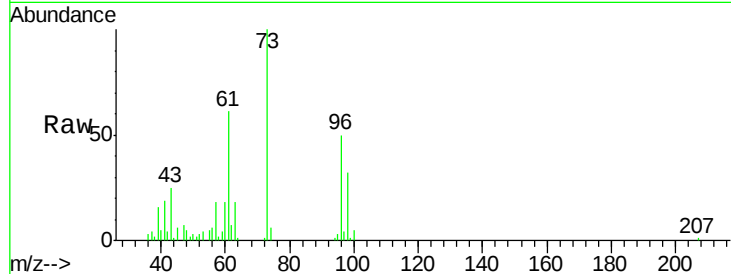
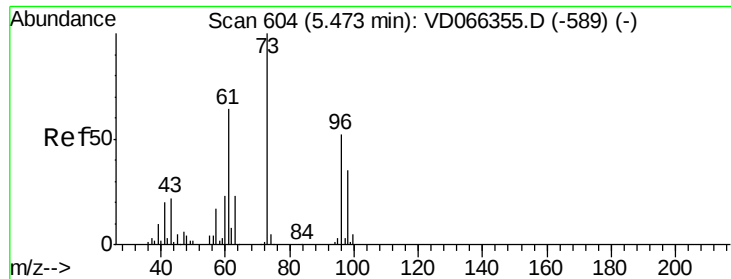
Tgt Ion: 76 Resp: 119209
Ion Ratio Lower Upper
76 100
78 10.1 7.7 11.5



#18
Methyl Acetate
Concen: 16.521 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion: 43 Resp: 16622
Ion Ratio Lower Upper
43 100
74 28.2 21.0 31.6

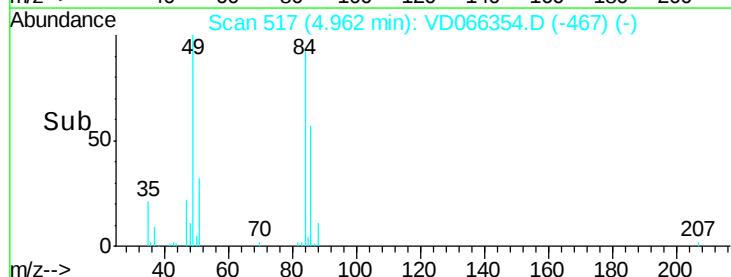
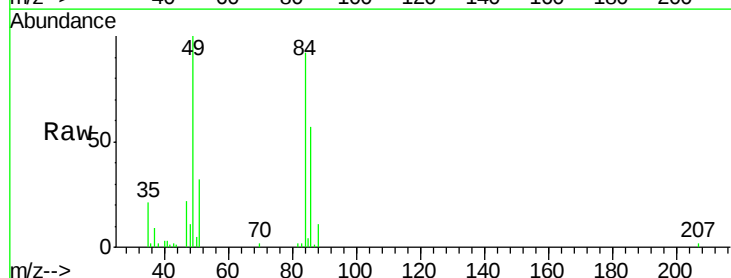
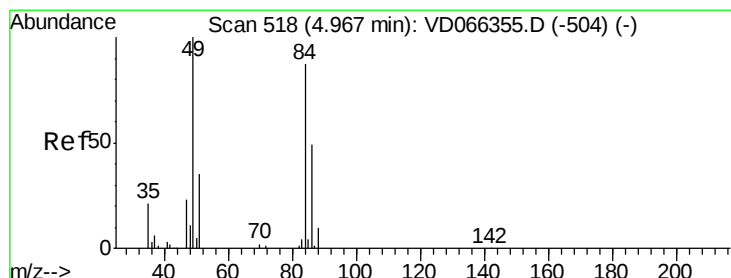
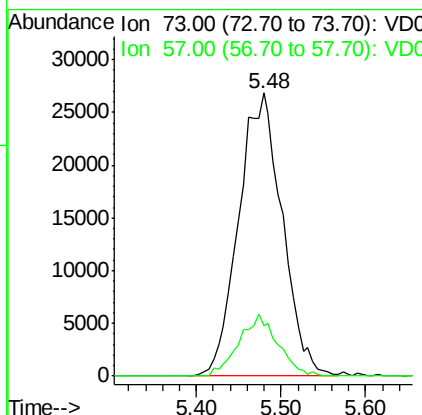




#19
Methyl tert-butyl Ether
Concen: 19.642 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

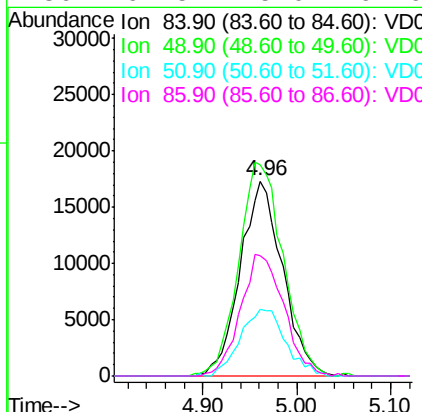
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

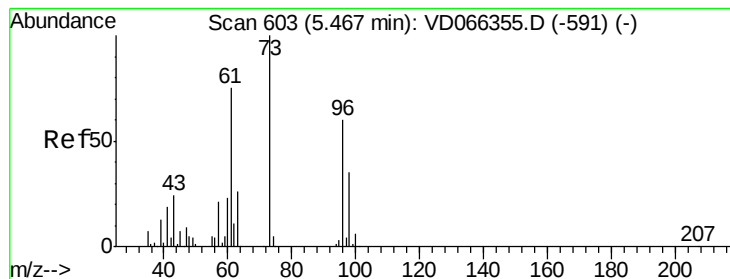
Tgt Ion: 73 Resp: 95893
Ion Ratio Lower Upper
73 100
57 17.7 13.8 20.6



#20
Methylene Chloride
Concen: 19.588 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion: 84 Resp: 53990
Ion Ratio Lower Upper
84 100
49 108.2 92.5 138.7
51 34.1 32.5 48.7
86 61.5 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 19.287 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

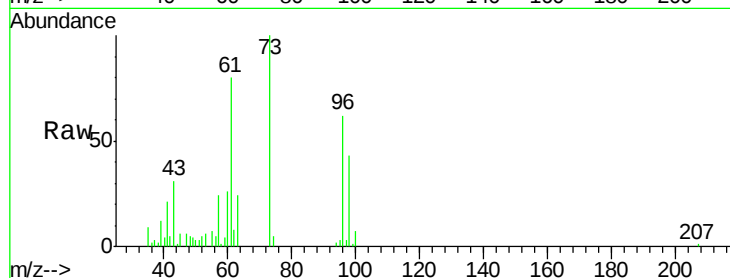
Tgt Ion: 96 Resp: 46684

Ion Ratio Lower Upper

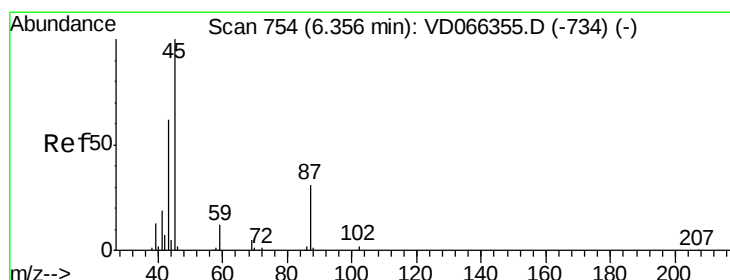
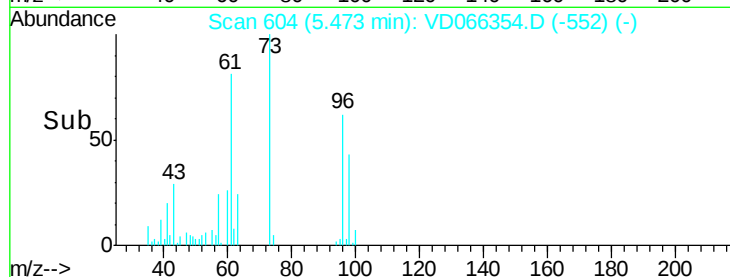
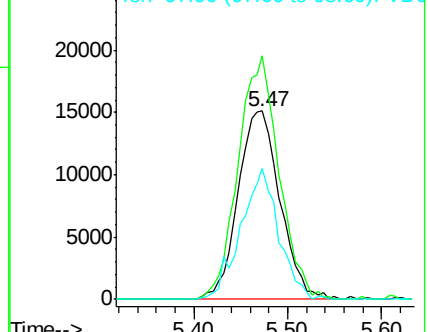
96 100

61 129.2 101.1 151.7

98 69.4 47.0 70.6



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



#22

Diisopropyl ether

Concen: 16.770 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Tgt Ion: 45 Resp: 103907

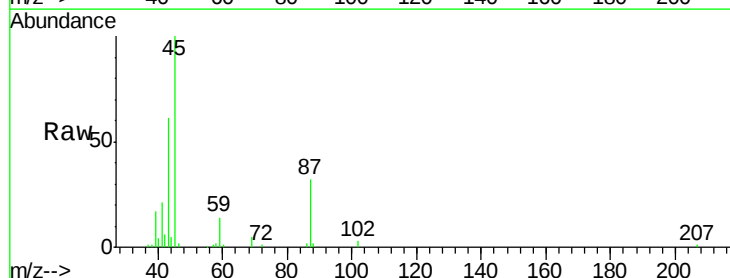
Ion Ratio Lower Upper

45 100

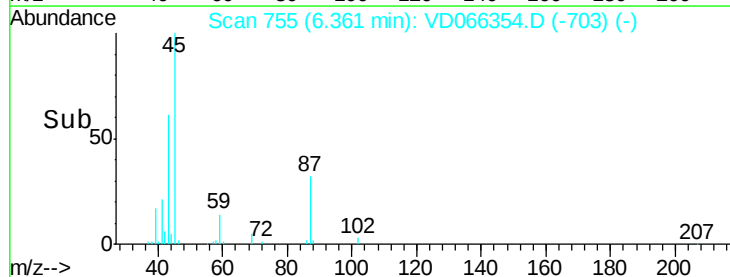
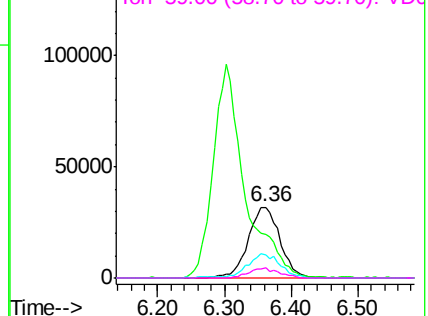
43 59.4 49.8 74.8

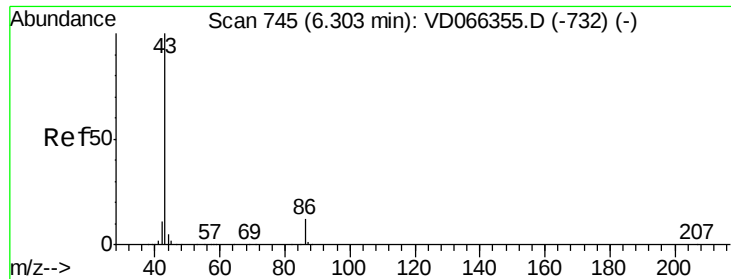
87 31.8 25.0 37.6

59 13.6 9.6 14.4



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





#23

Vinyl Acetate

Concen: 87.242 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

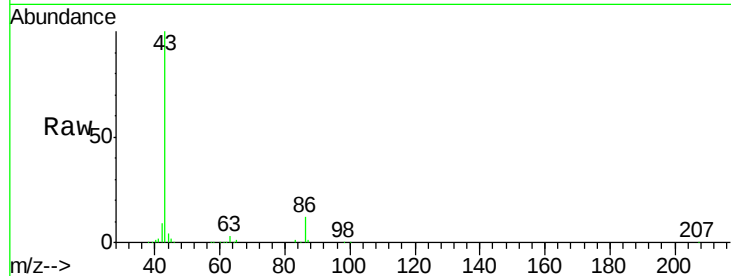
VSTDIC020

Tgt Ion: 43 Resp: 318923

Ion Ratio Lower Upper

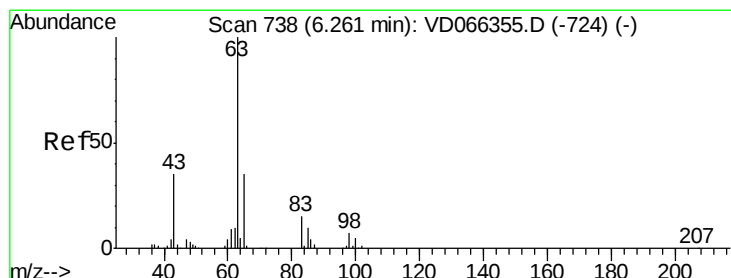
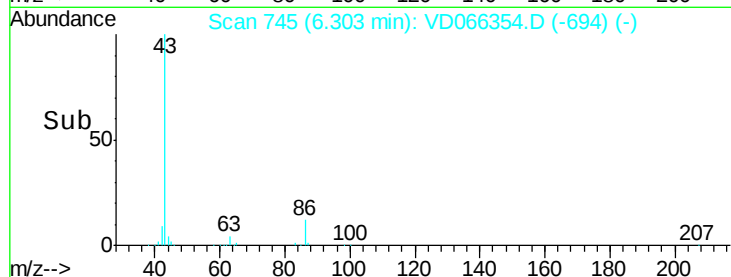
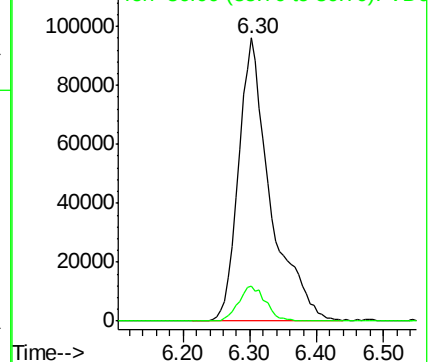
43 100

86 12.4 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 18.896 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

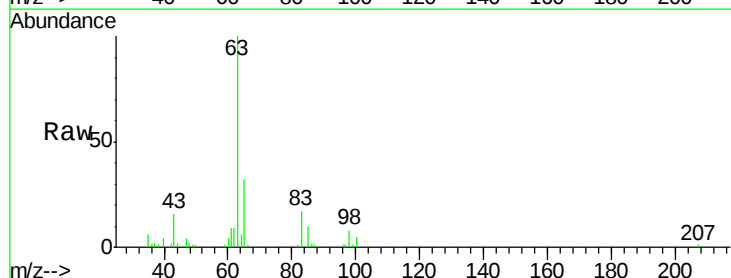
Tgt Ion: 63 Resp: 73565

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.6

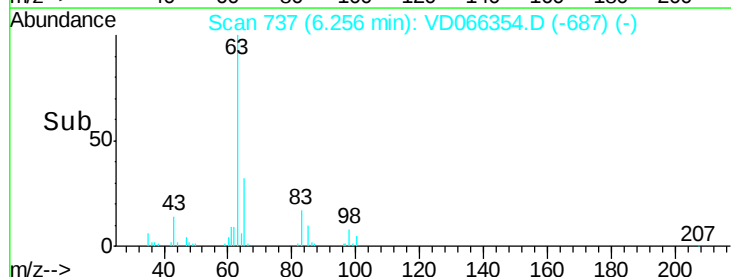
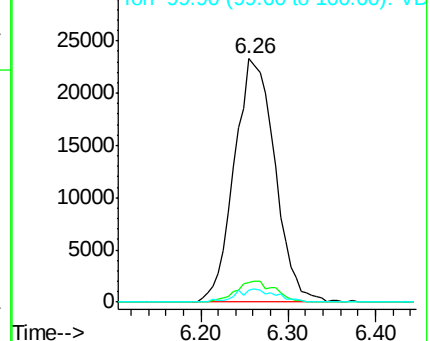
100 5.1 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 82.487 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

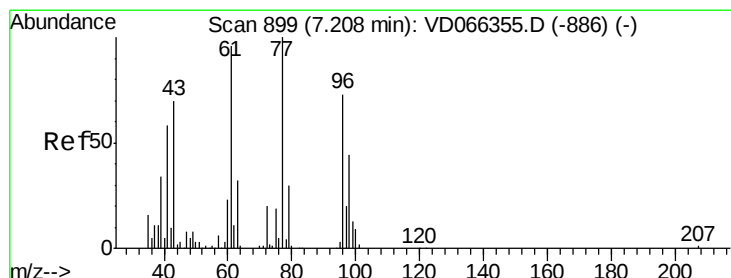
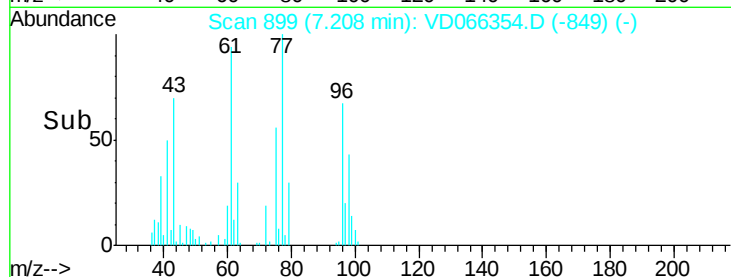
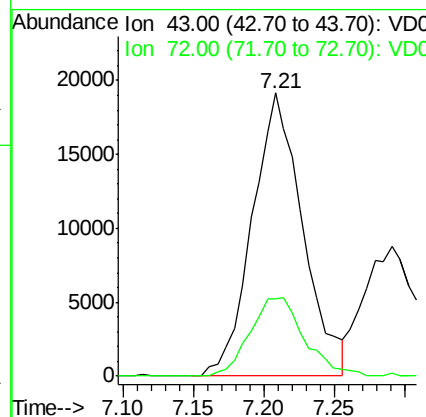
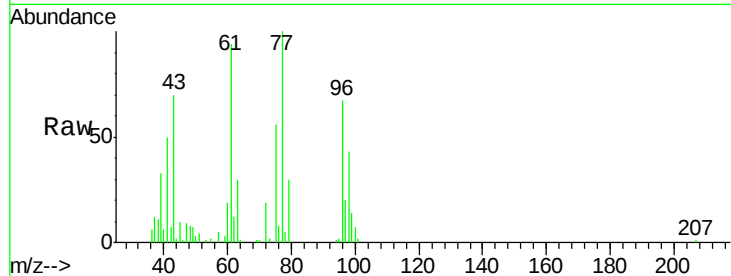
VSTDIC020

Tgt Ion: 43 Resp: 48048

Ion Ratio Lower Upper

43 100

72 27.2 22.5 33.7



#26

2,2-Dichloropropane

Concen: 21.068 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066354.D

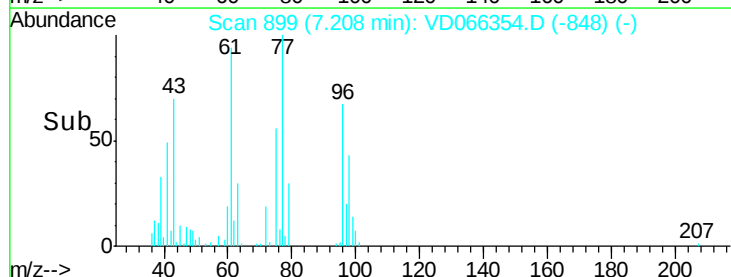
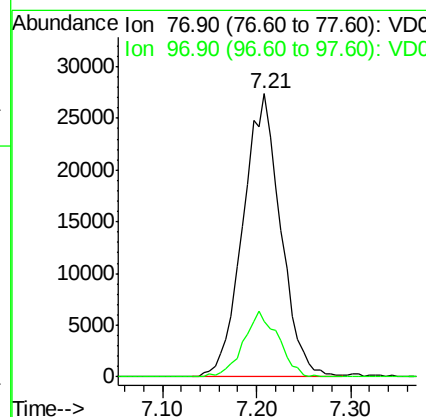
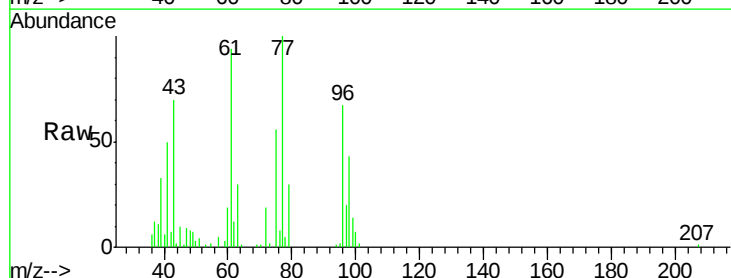
Acq: 21 Aug 2020 11:52

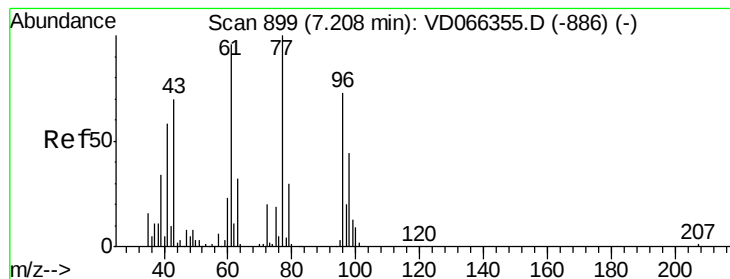
Tgt Ion: 77 Resp: 76154

Ion Ratio Lower Upper

77 100

97 21.3 10.7 31.9



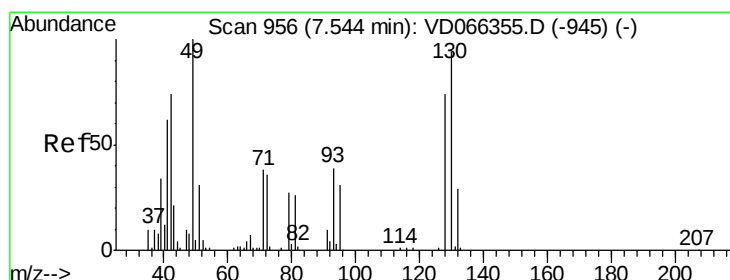
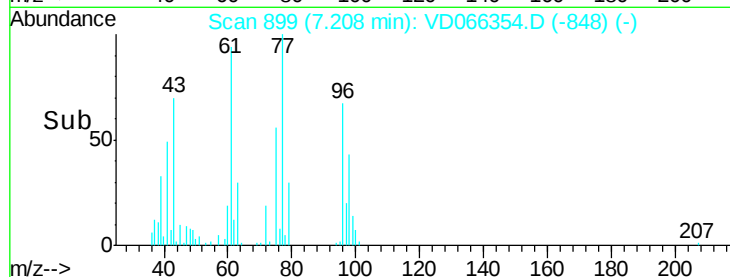
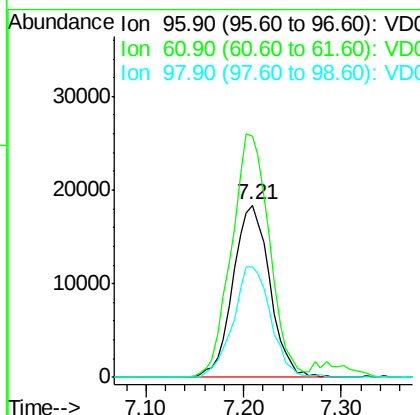
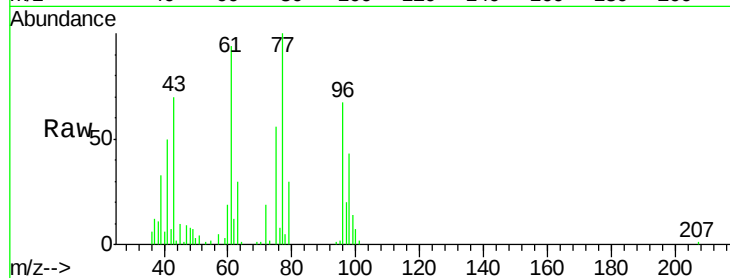


#27

cis-1,2-Dichloroethene
 Concen: 19.019 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

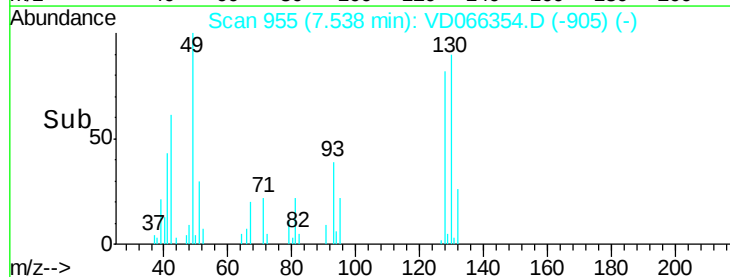
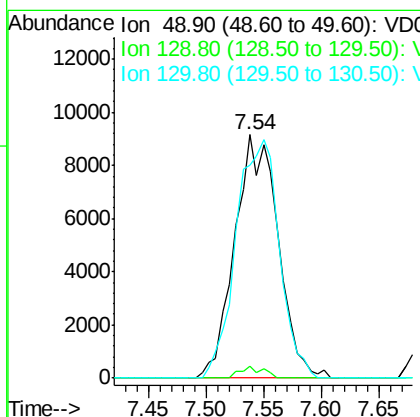
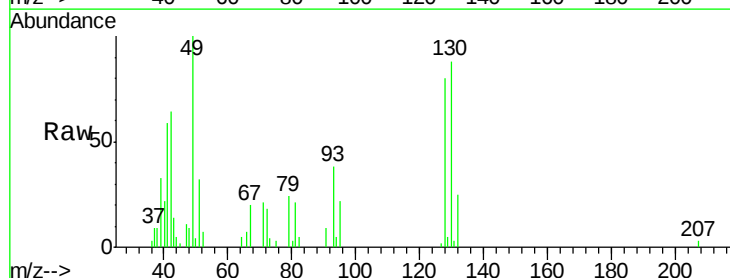
Tgt Ion: 96 Resp: 48461
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 281.4
 98 65.6 0.0 132.2

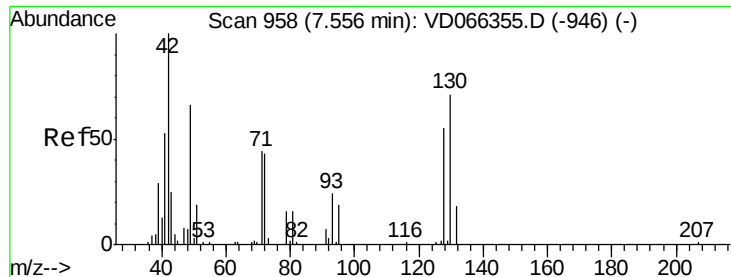


#28

Bromochloromethane
 Concen: 17.502 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

Tgt Ion: 49 Resp: 23863
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 3.0
 130 97.7 82.6 124.0

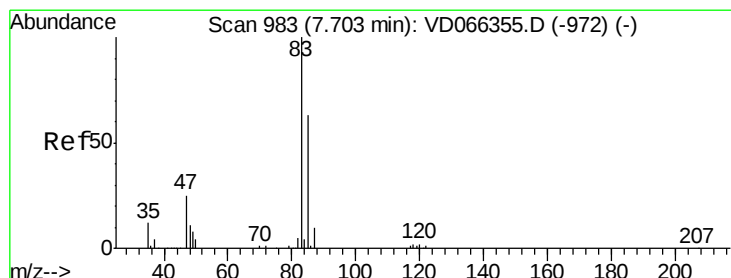
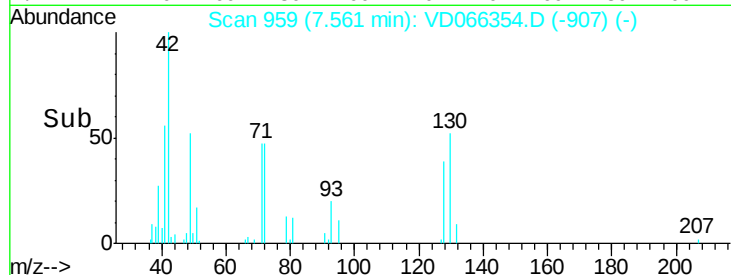
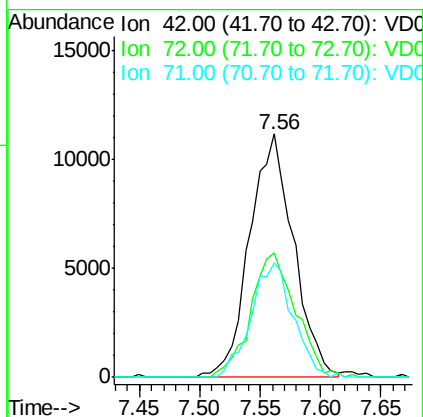
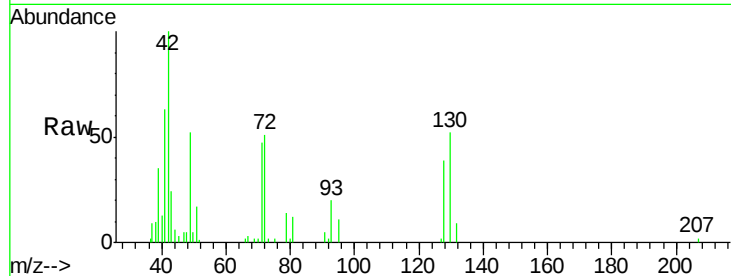




#29
Tetrahydrofuran
Concen: 79.437 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.01 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

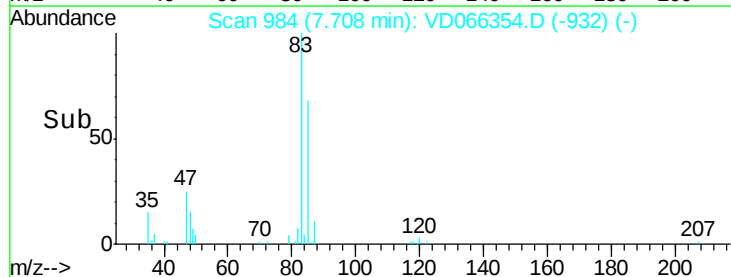
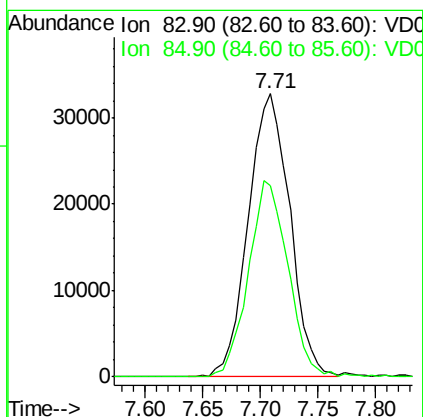
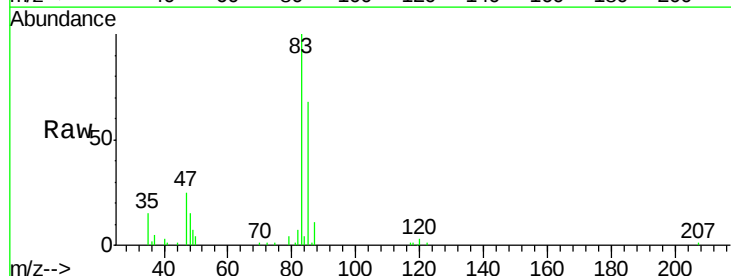
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

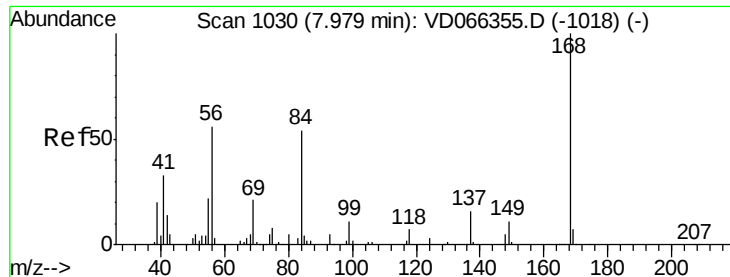
Tgt Ion: 42 Resp: 28238
Ion Ratio Lower Upper
42 100
72 52.5 41.0 61.4
71 45.1 37.2 55.8



#30
Chloroform
Concen: 19.762 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion: 83 Resp: 82387
Ion Ratio Lower Upper
83 100
85 67.7 50.3 75.5

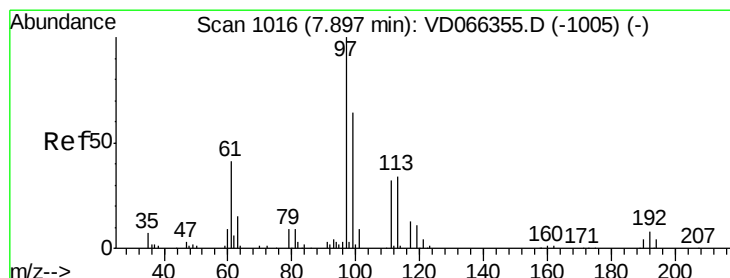
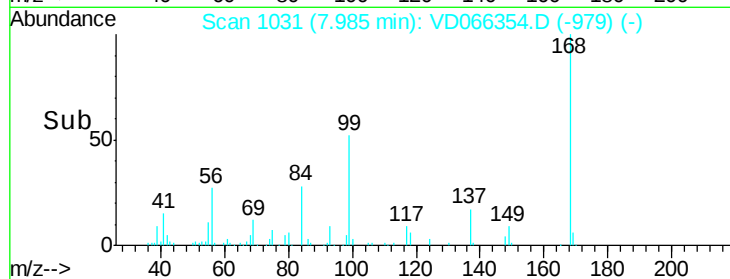
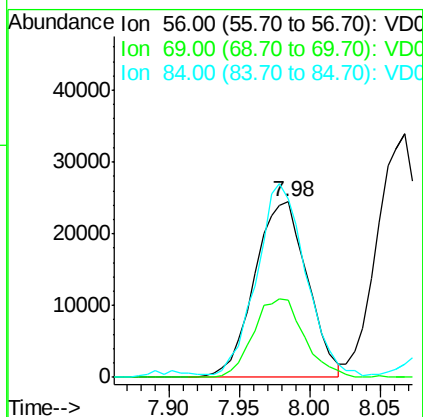
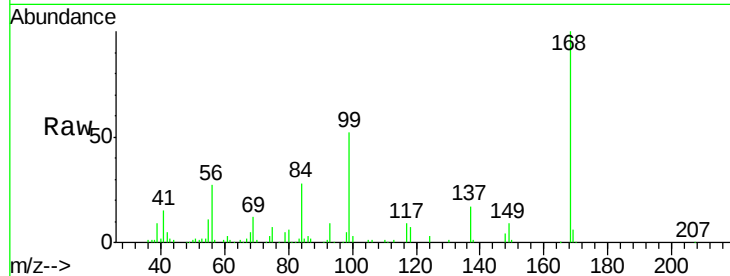




#31
Cyclohexane
Concen: 17.399 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

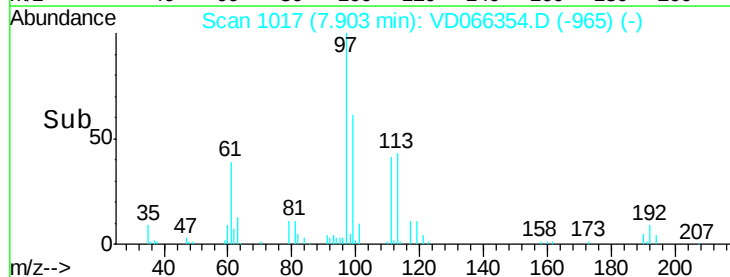
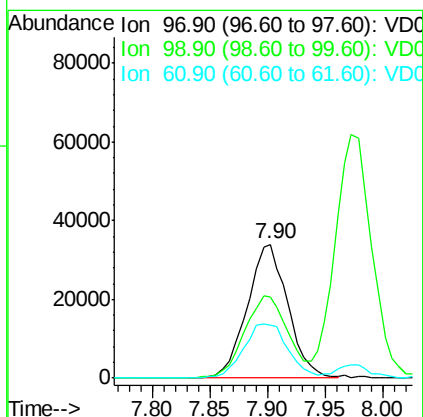
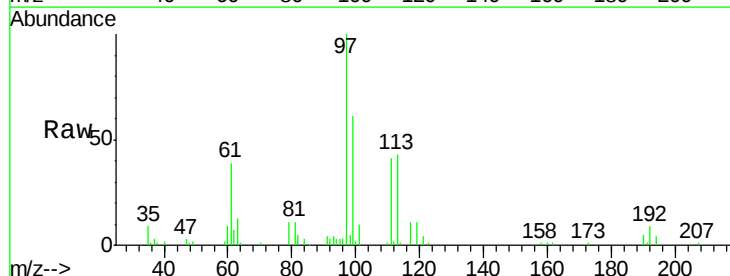
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

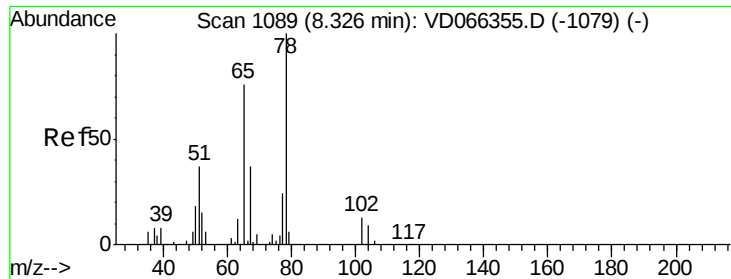
Tgt Ion: 56 Resp: 64185
Ion Ratio Lower Upper
56 100
69 43.9 29.6 44.4
84 99.3 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 20.987 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion: 97 Resp: 83062
Ion Ratio Lower Upper
97 100
99 65.1 51.5 77.3
61 44.0 33.3 49.9

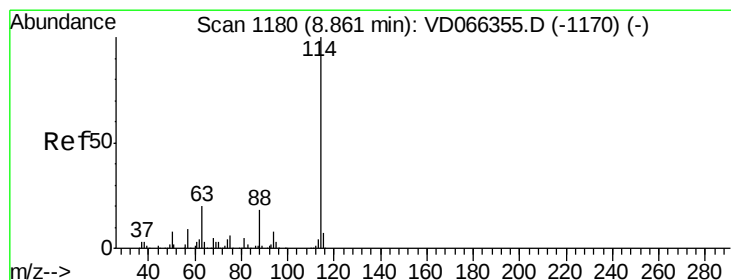
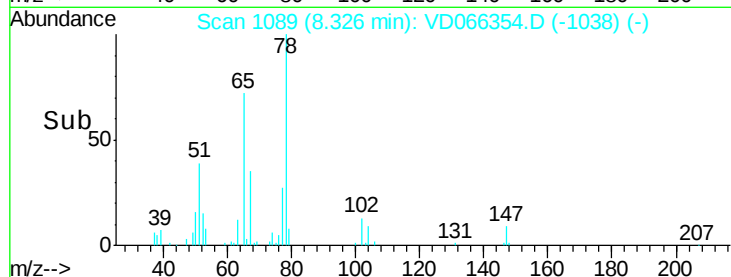
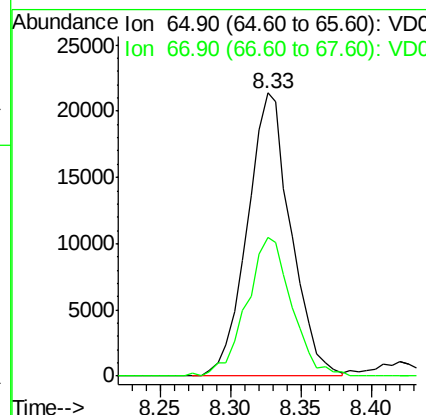
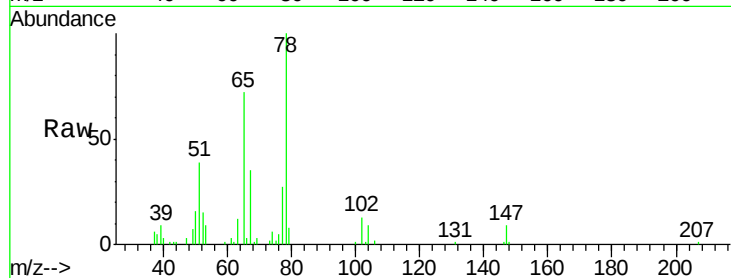




#33
 1,2-Dichloroethane-d4
 Concen: 21.219 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

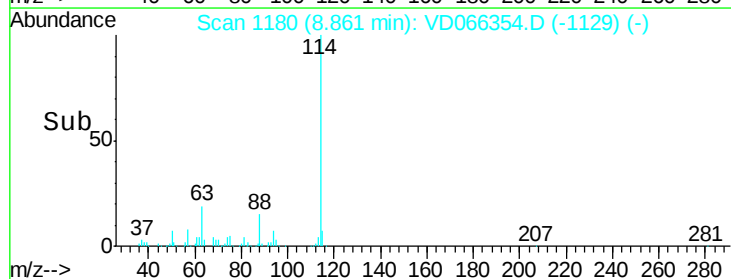
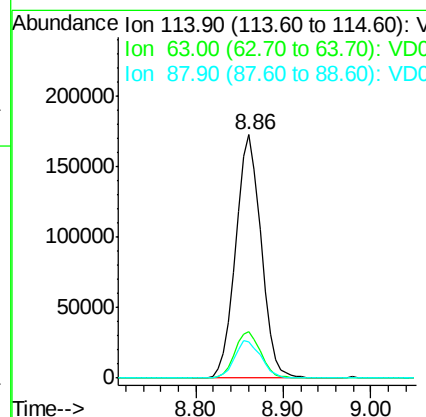
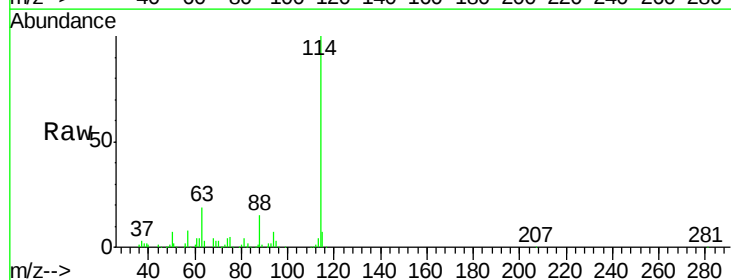
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

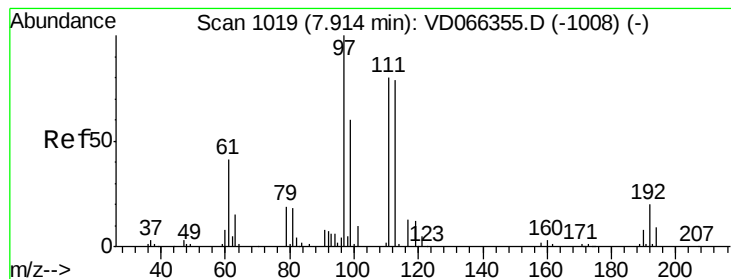
Tgt Ion: 65 Resp: 46177
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

Tgt Ion: 114 Resp: 341535
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.8
 88 14.8 0.0 35.4

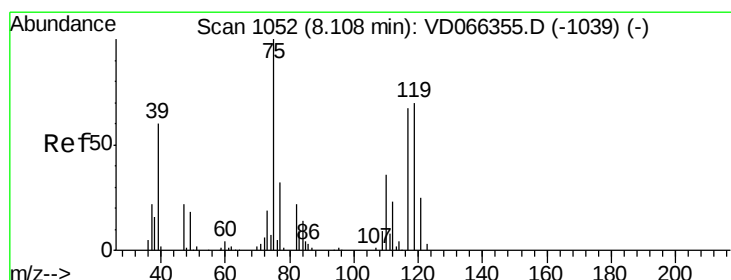
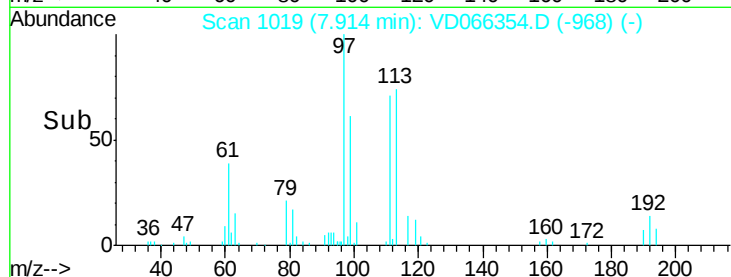
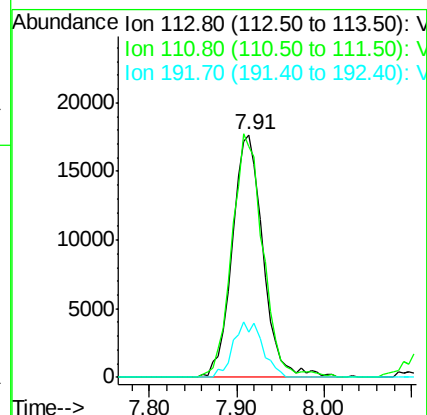
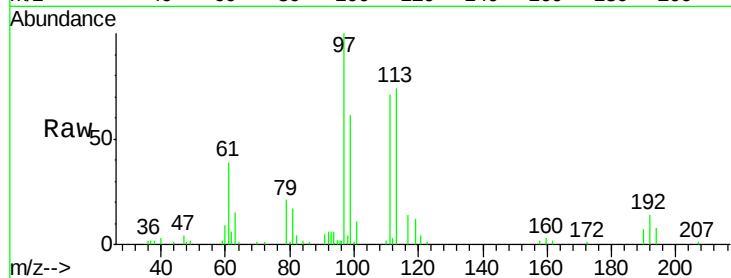




#35
 Dibromofluoromethane
 Concen: 19.528 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

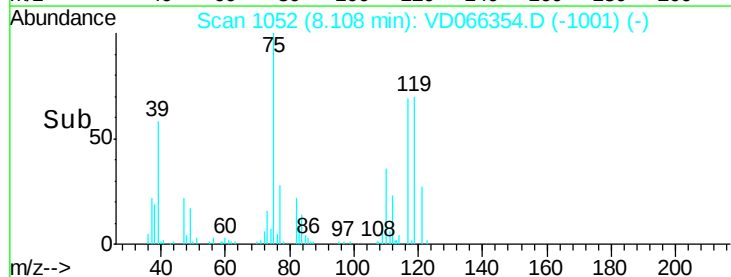
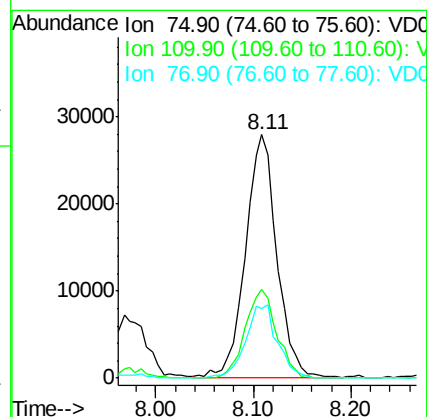
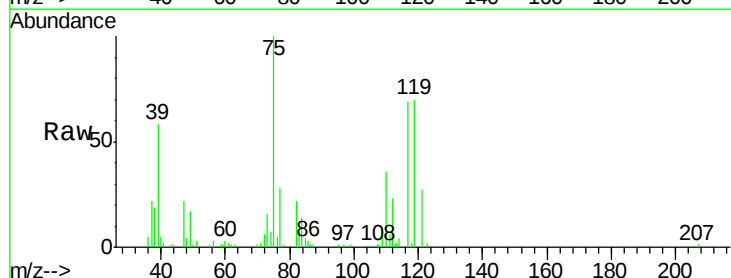
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

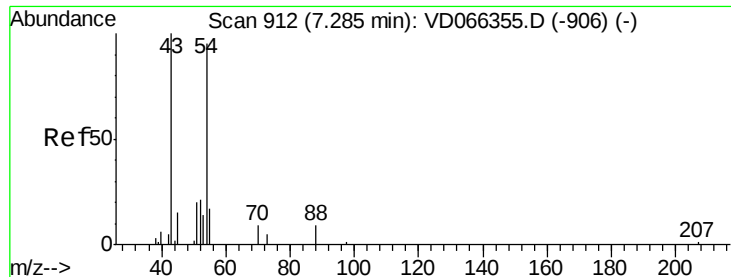
Tgt Ion: 113 Resp: 42085
 Ion Ratio Lower Upper
 113 100
 111 100.1 80.3 120.5
 192 21.8 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 19.704 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

Tgt Ion: 75 Resp: 63044
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.7 56.1
 77 30.1 25.2 37.8

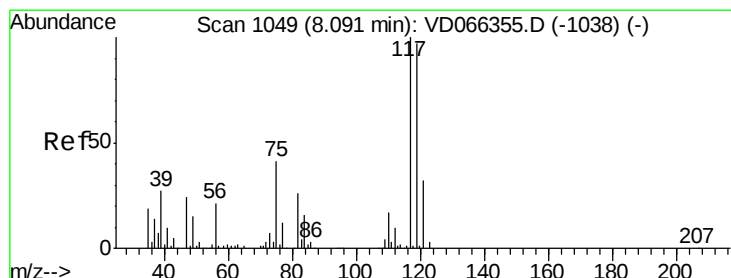
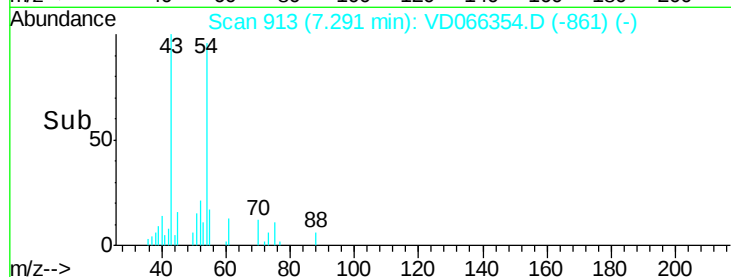
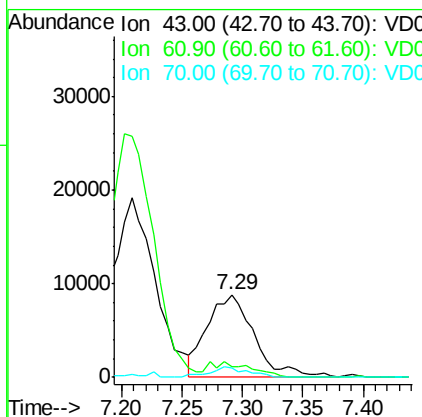
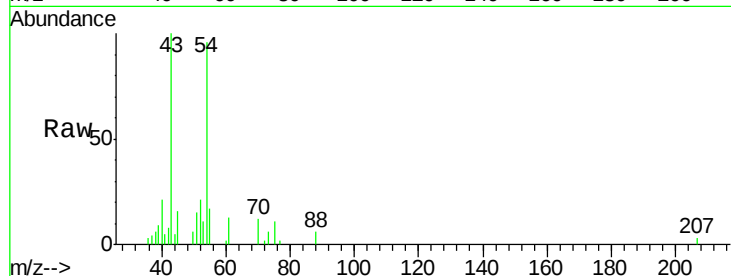




#37
Ethyl Acetate
Concen: 19.101 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

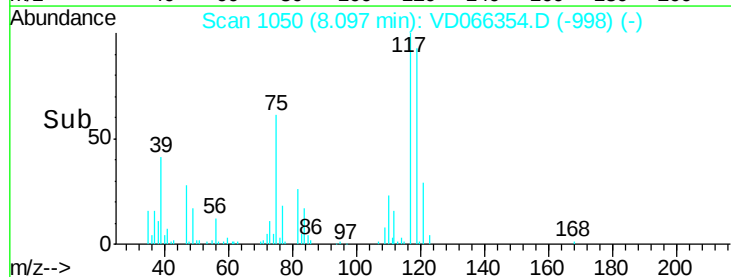
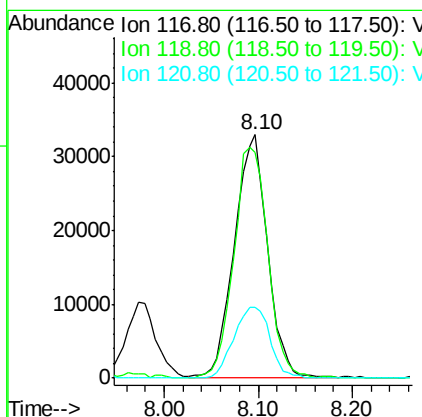
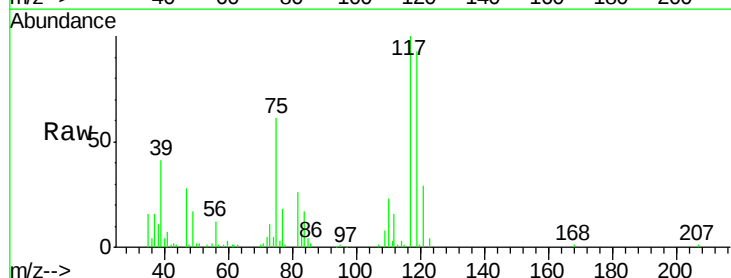
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

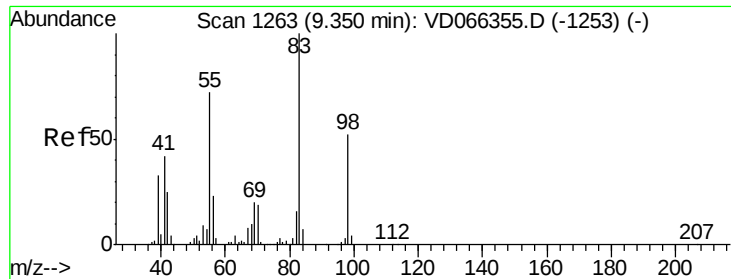
Tgt Ion: 43 Resp: 23880
Ion Ratio Lower Upper
43 100
61 16.8 13.3 19.9
70 10.1 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 22.026 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion: 117 Resp: 81178
Ion Ratio Lower Upper
117 100
119 92.8 77.2 115.8
121 29.1 25.8 38.8

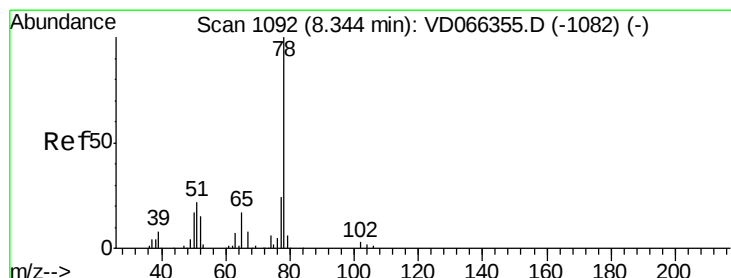
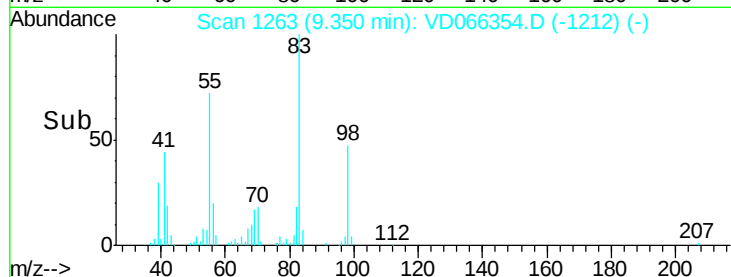
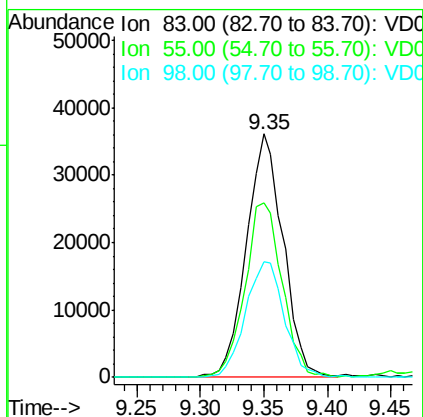
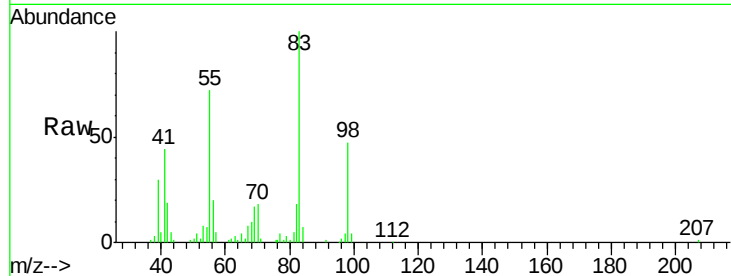




#39
Methylcyclohexane
Concen: 18.745 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

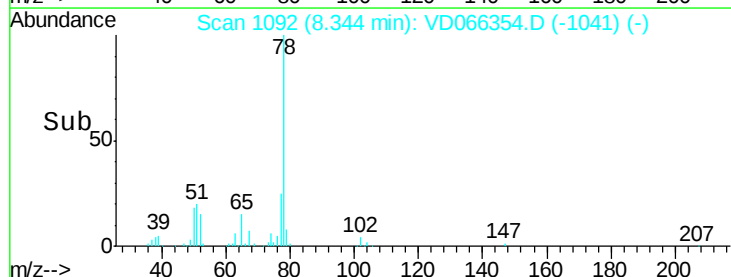
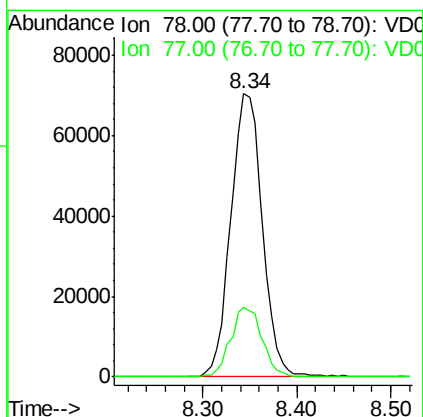
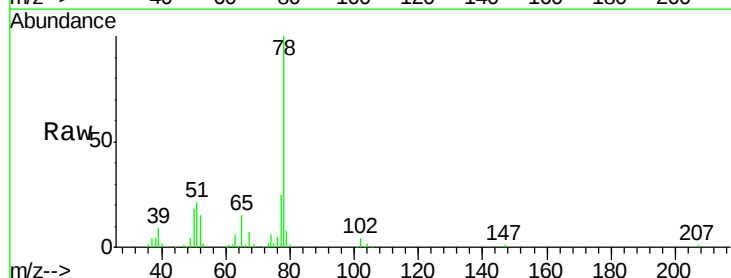
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

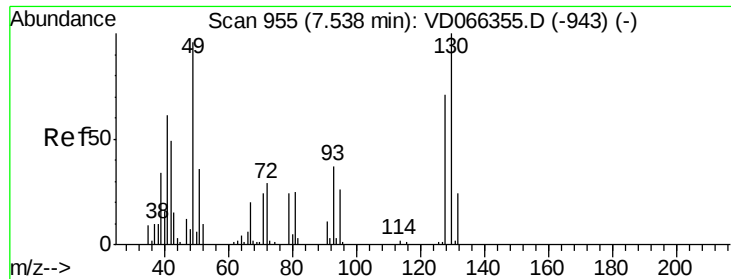
Tgt Ion: 83 Resp: 72808
Ion Ratio Lower Upper
83 100
55 71.9 58.0 87.0
98 47.5 41.9 62.9



#40
Benzene
Concen: 18.522 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion: 78 Resp: 164065
Ion Ratio Lower Upper
78 100
77 24.7 18.8 28.2





#41

Methacrylonitrile

Concen: 40.265 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.02 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 30127

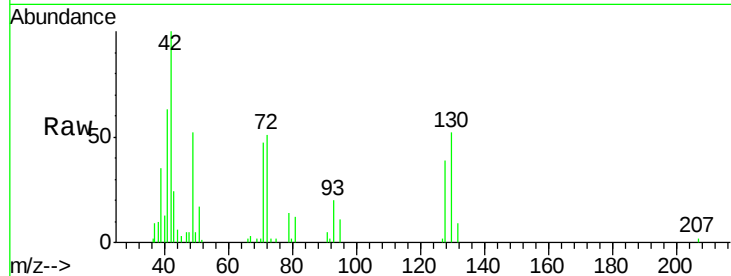
Ion Ratio Lower Upper

41 100

39 36.6 51.8 77.8#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

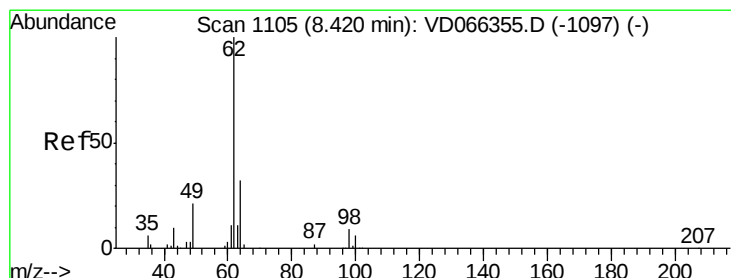
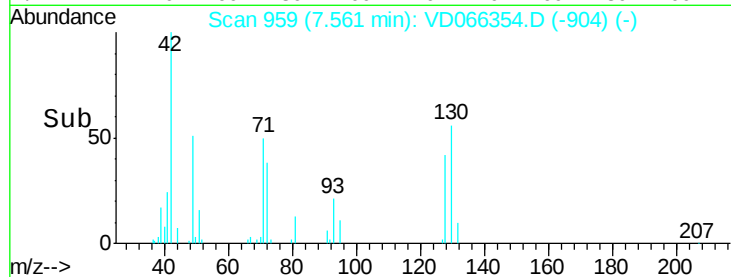
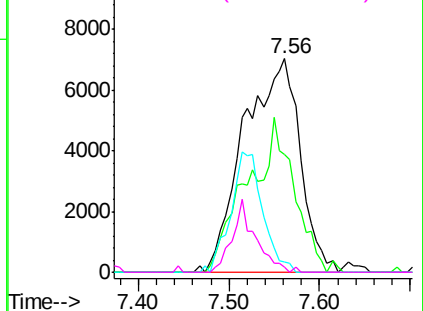


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.029 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066354.D

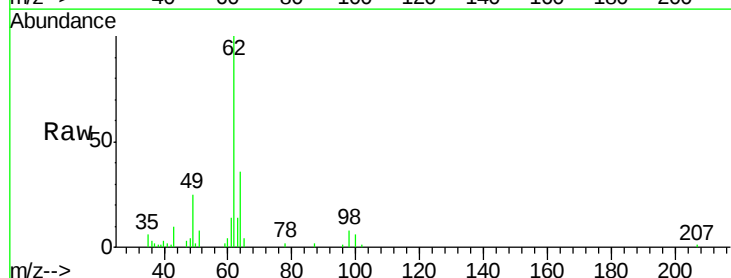
Acq: 21 Aug 2020 11:52

Tgt Ion: 62 Resp: 56406

Ion Ratio Lower Upper

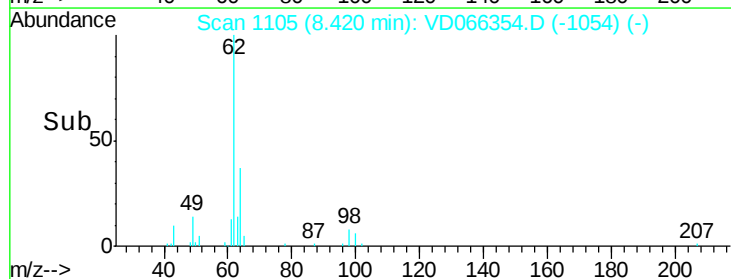
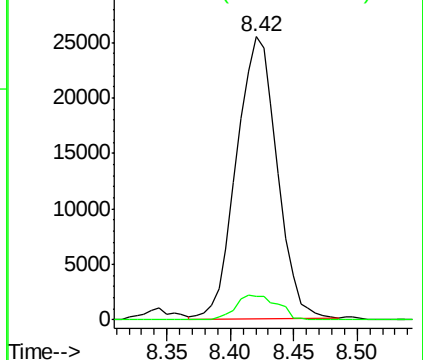
62 100

98 9.2 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 17.578 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

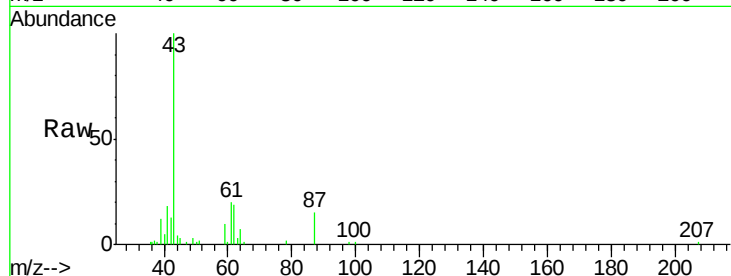
Tgt Ion: 43 Resp: 43351

Ion Ratio Lower Upper

43 100

61 34.4 26.5 39.7

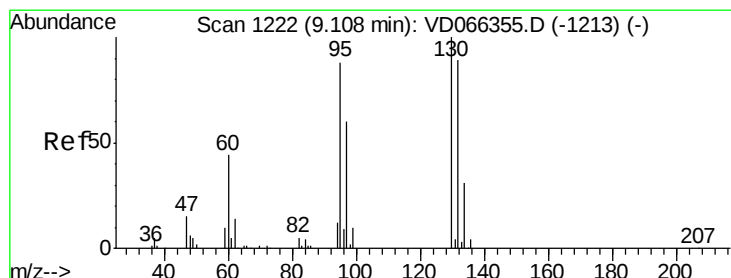
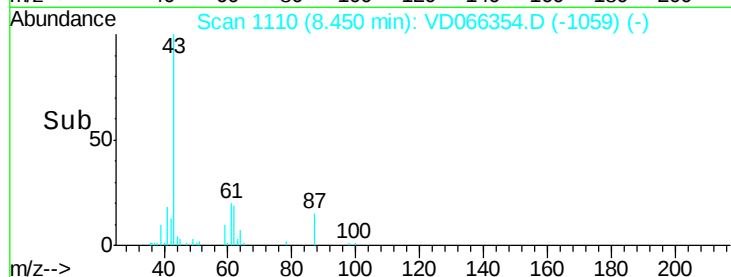
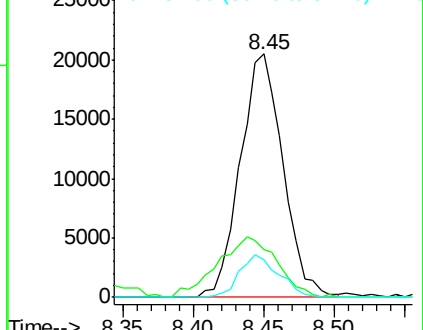
87 16.3 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 19.871 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066354.D

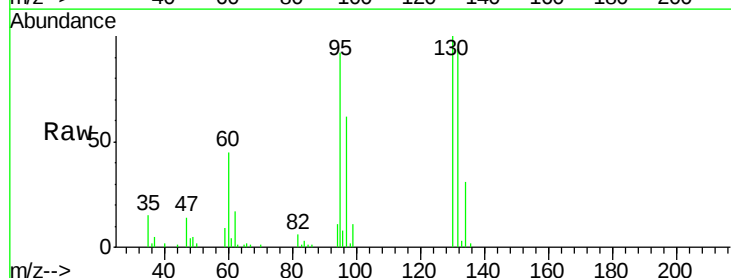
Acq: 21 Aug 2020 11:52

Tgt Ion: 130 Resp: 53486

Ion Ratio Lower Upper

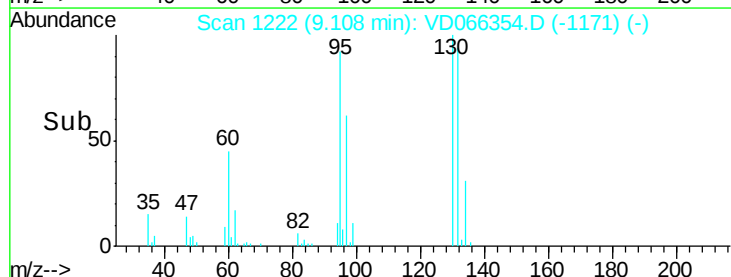
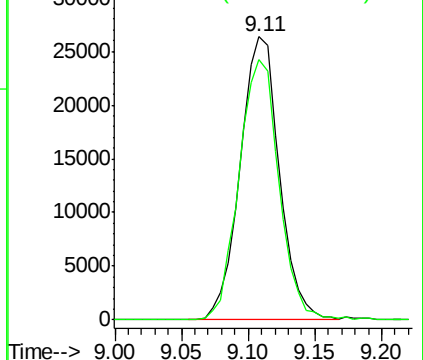
130 100

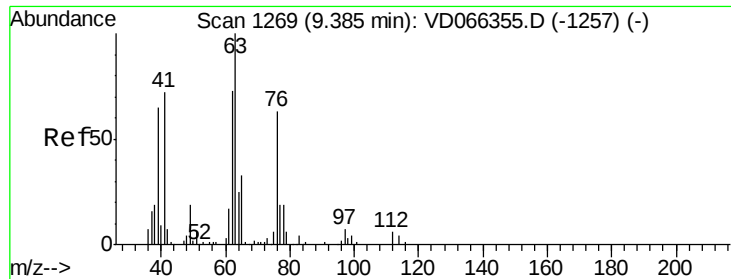
95 92.0 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 17.605 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

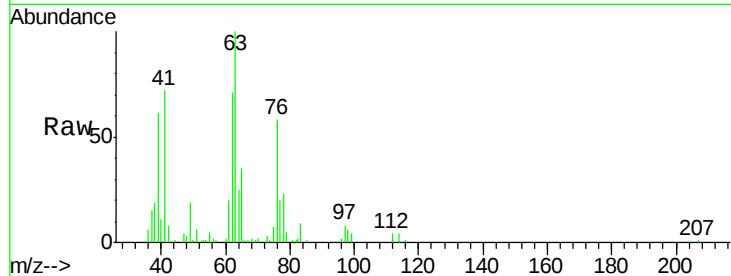
VSTDIC020

Tgt Ion: 63 Resp: 37732

Ion Ratio Lower Upper

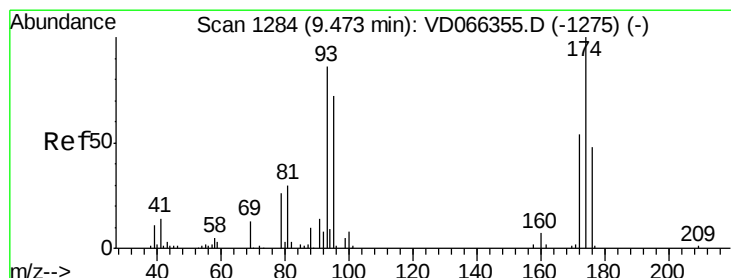
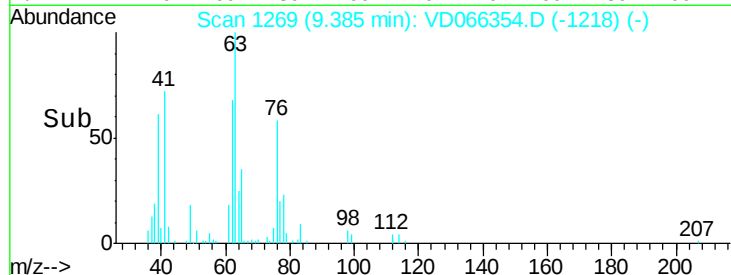
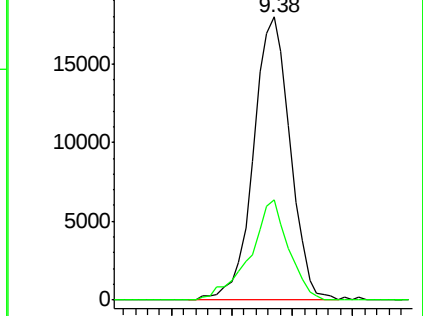
63 100

65 35.4 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 19.704 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

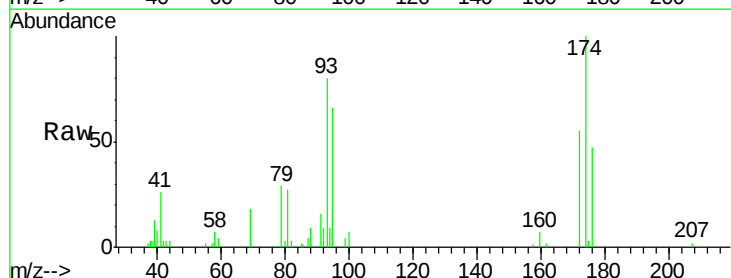
Tgt Ion: 93 Resp: 23582

Ion Ratio Lower Upper

93 100

95 80.7 66.0 99.0

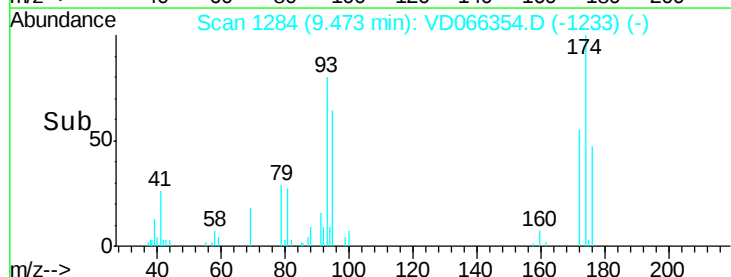
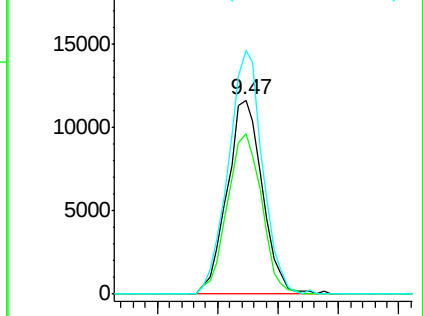
174 122.0 94.6 141.8

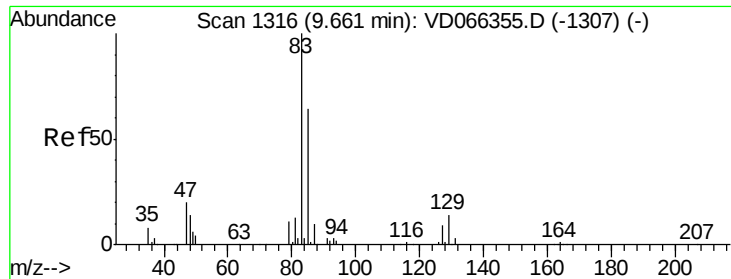


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

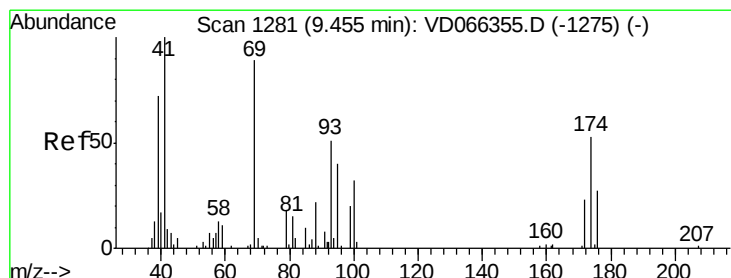
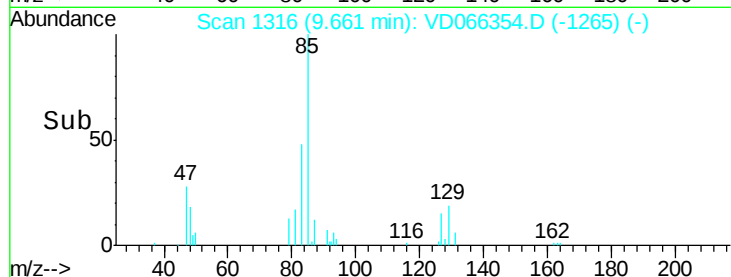
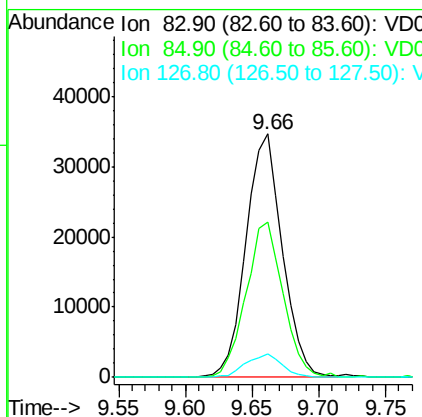
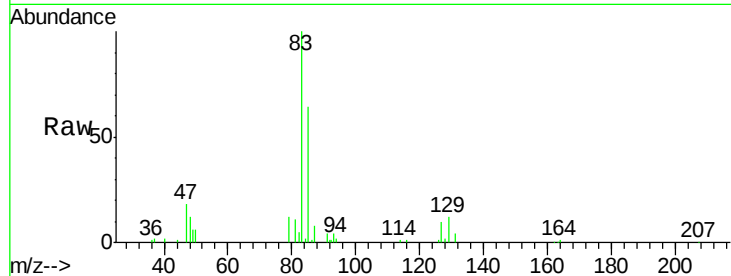




#47
Bromodichloromethane
Concen: 20.427 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

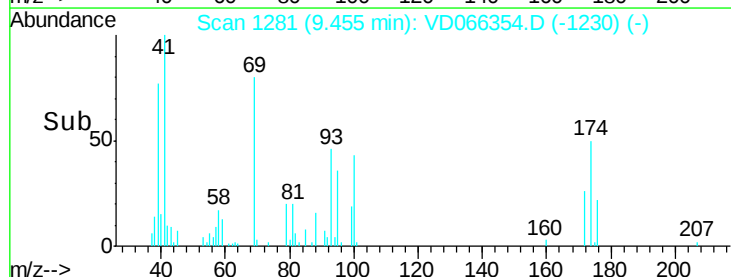
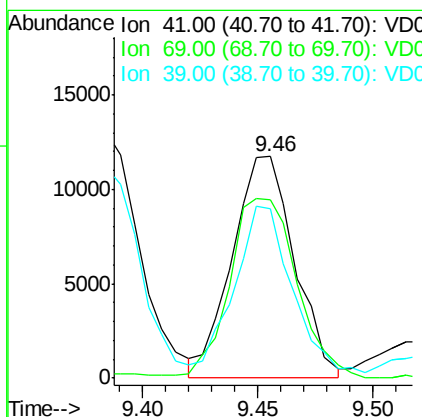
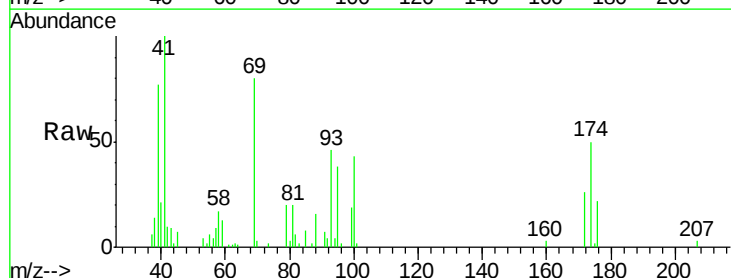
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

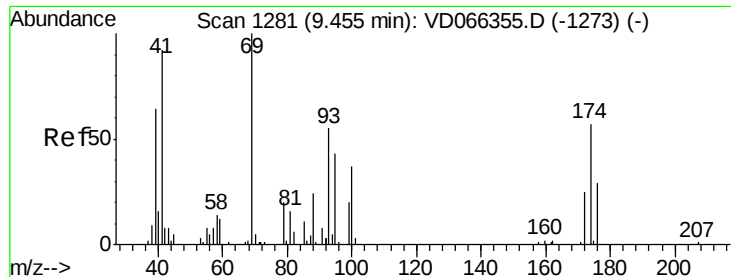
Tgt Ion: 83 Resp: 65232
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.0
127 9.5 7.4 11.0



#48
Methyl methacrylate
Concen: 17.816 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion: 41 Resp: 22111
Ion Ratio Lower Upper
41 100
69 87.6 75.5 113.3
39 68.9 57.0 85.4

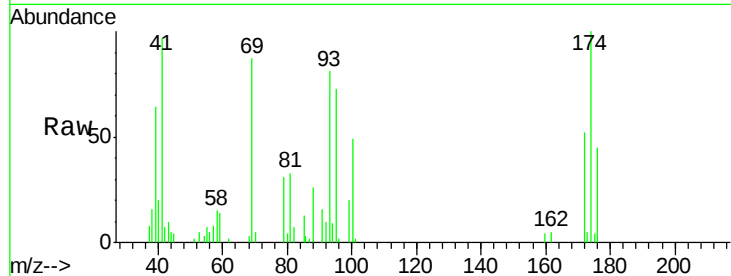




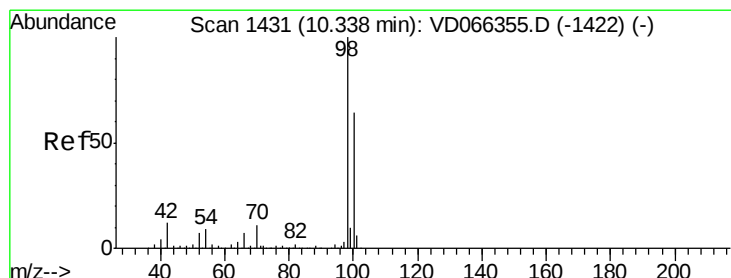
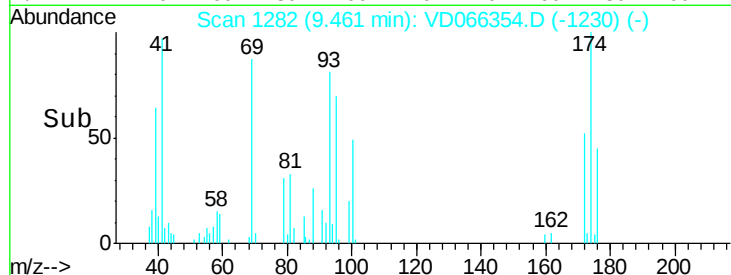
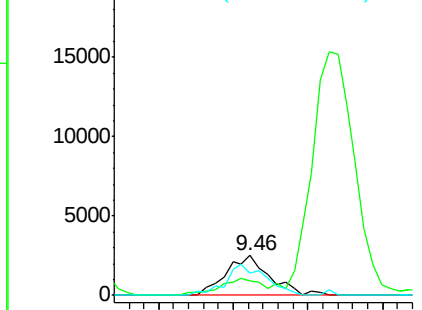
#49
1,4-Dioxane
Concen: 331.676 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 5079
Ion Ratio Lower Upper
88 100
43 40.8 29.4 44.0
58 72.2 45.4 68.2#

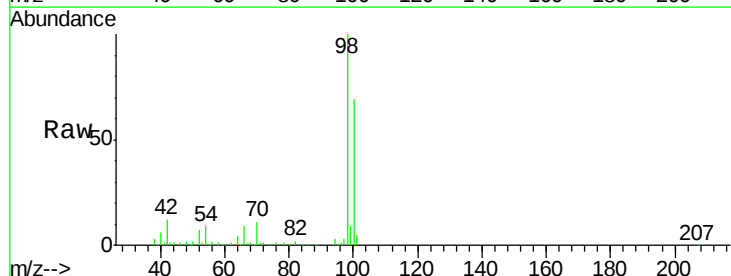


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

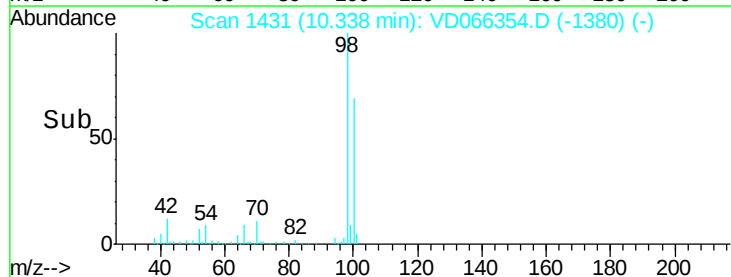
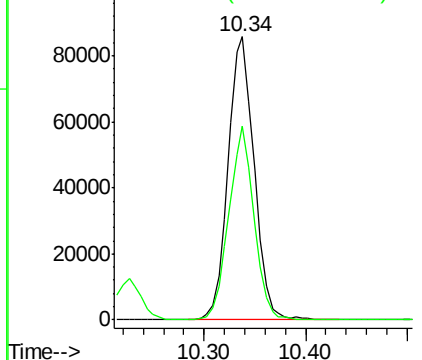


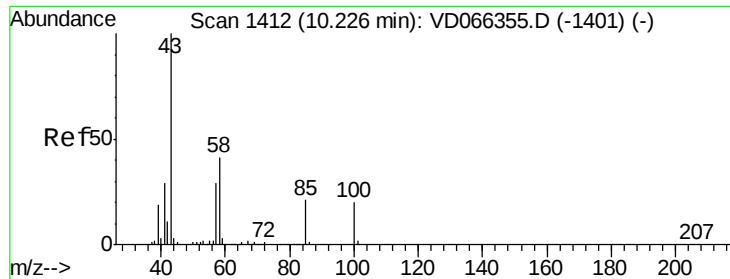
#50
Toluene-d8
Concen: 19.217 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion: 98 Resp: 152409
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



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

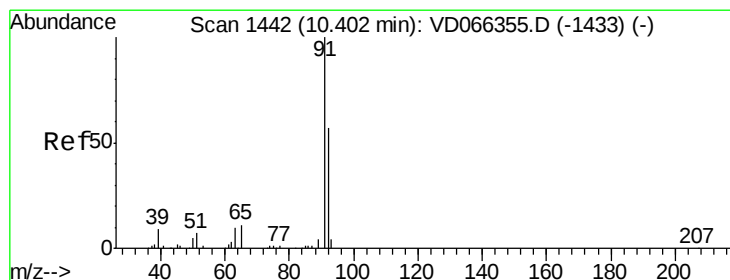
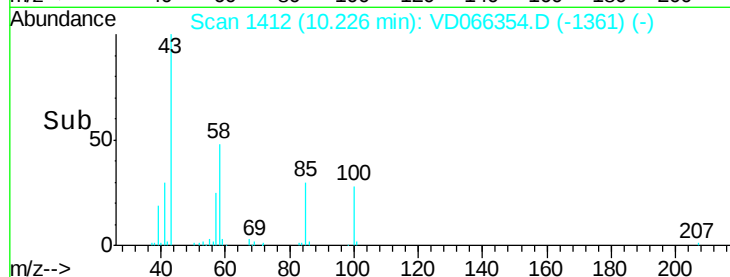
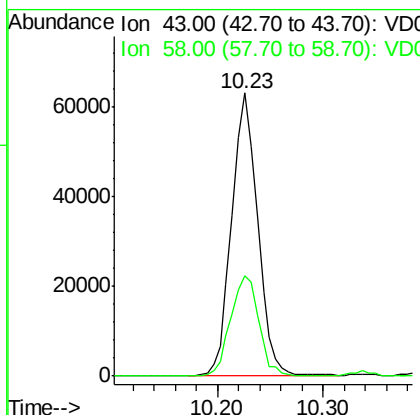
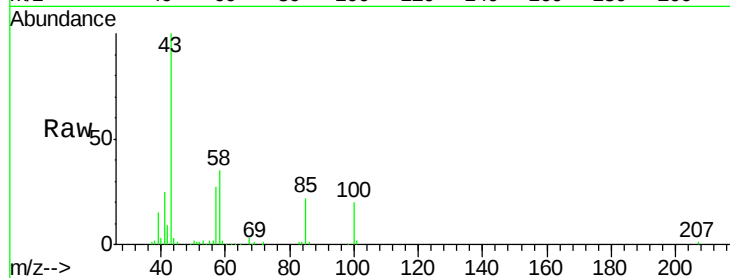




#51
 4-Methyl-2-Pentanone
 Concen: 86.112 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

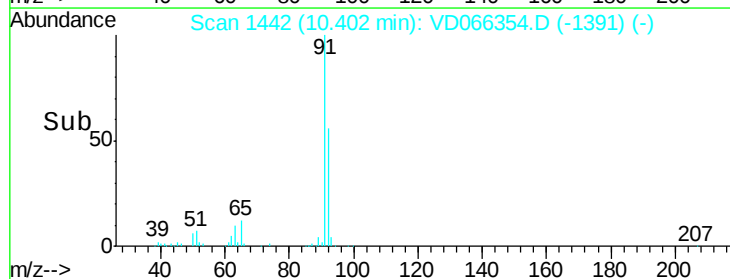
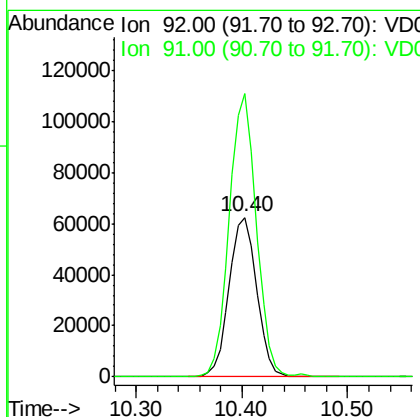
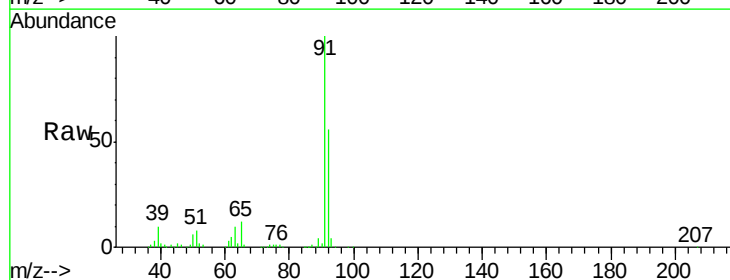
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

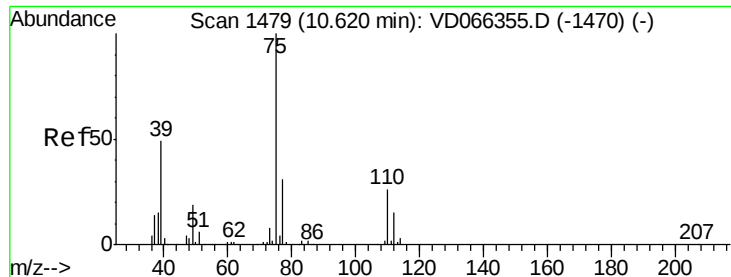
Tgt Ion: 43 Resp: 108075
 Ion Ratio Lower Upper
 43 100
 58 38.0 31.4 47.2



#52
 Toluene
 Concen: 19.343 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

Tgt Ion: 92 Resp: 113134
 Ion Ratio Lower Upper
 92 100
 91 172.5 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 19.787 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

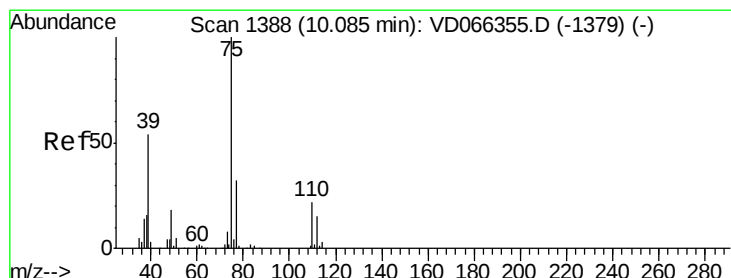
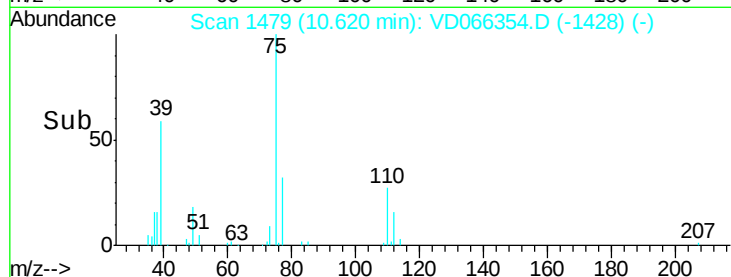
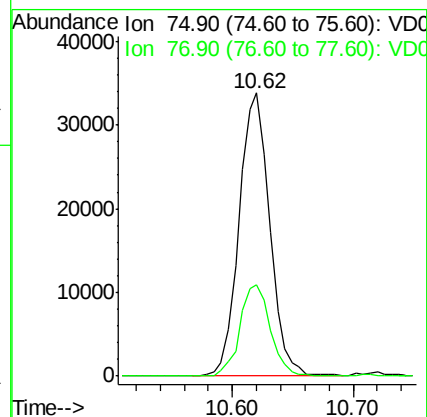
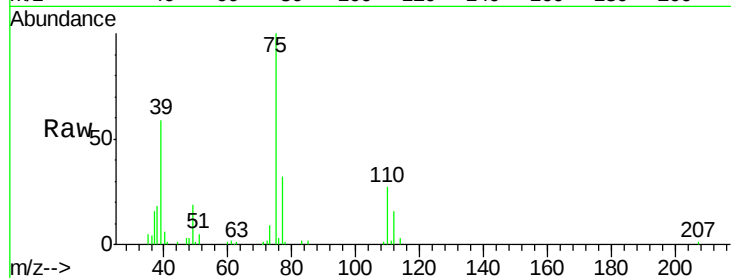
VSTDIC020

Tgt Ion: 75 Resp: 59945

Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 19.090 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

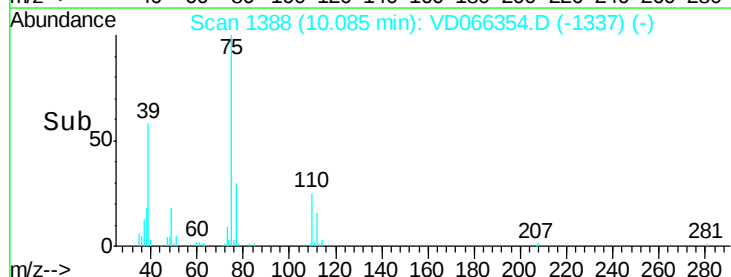
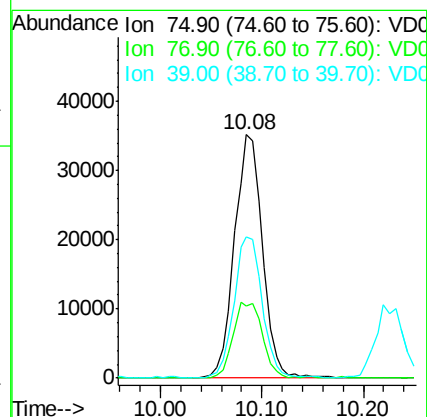
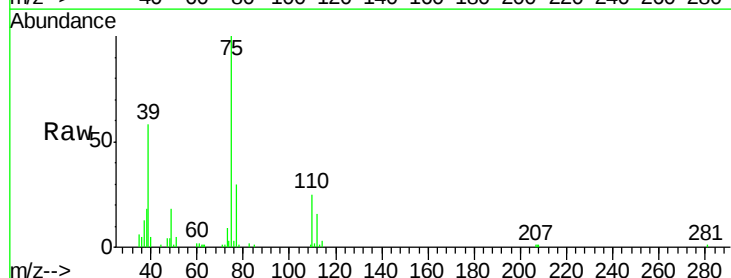
Tgt Ion: 75 Resp: 67303

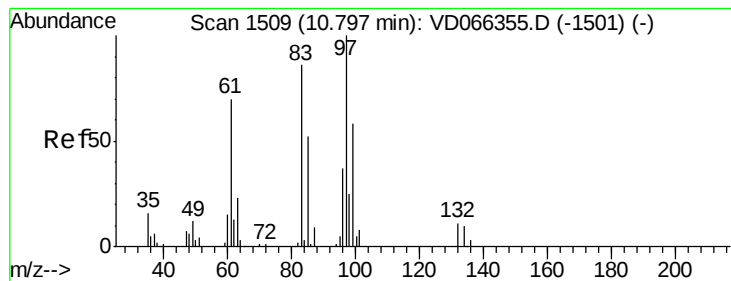
Ion Ratio Lower Upper

75 100

77 29.7 25.6 38.4

39 58.0 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 18.397 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 31490

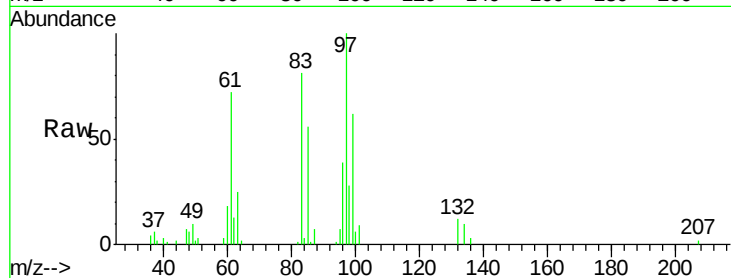
Ion Ratio Lower Upper

97 100

83 80.9 68.4 102.6

85 55.6 41.3 61.9

99 61.9 46.1 69.1

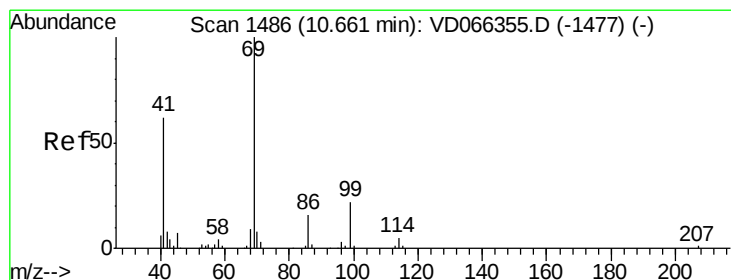
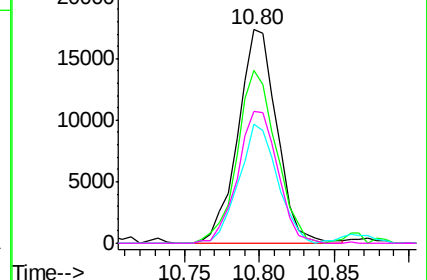
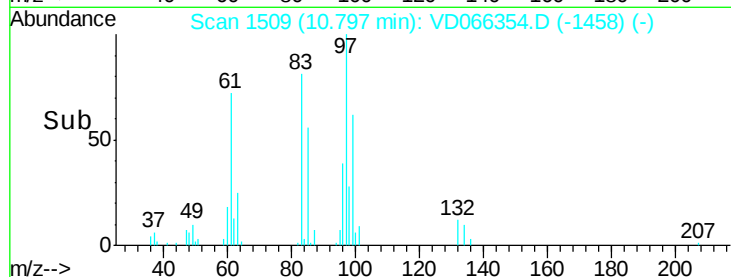


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 17.986 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

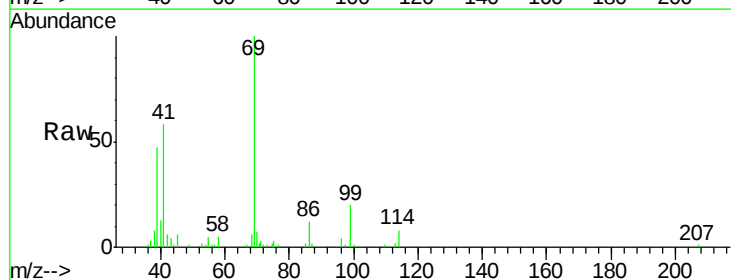
Tgt Ion: 69 Resp: 36776

Ion Ratio Lower Upper

69 100

41 63.9 50.8 76.2

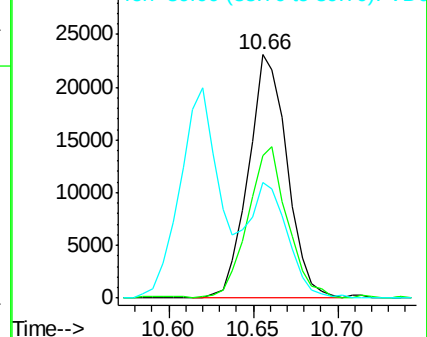
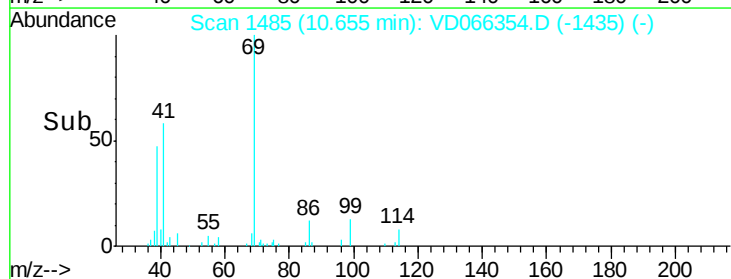
39 43.3 32.9 49.3

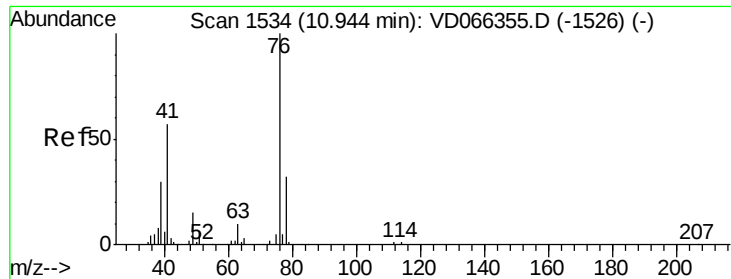


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

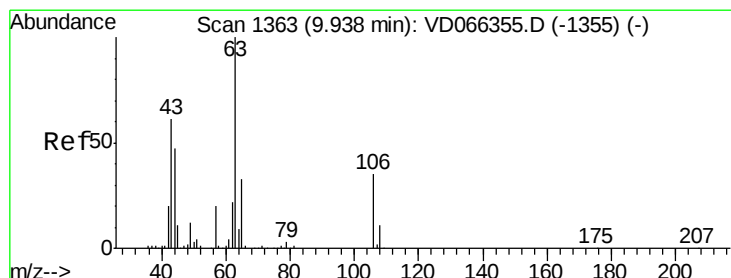
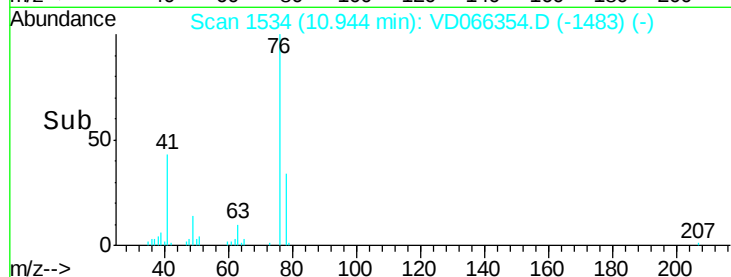
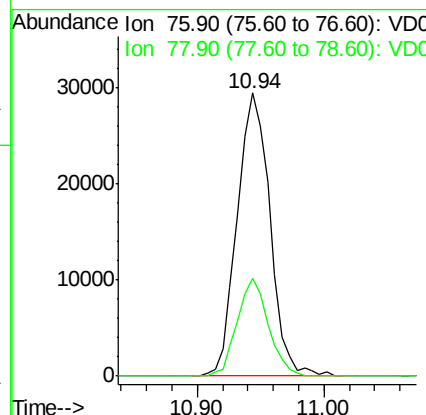
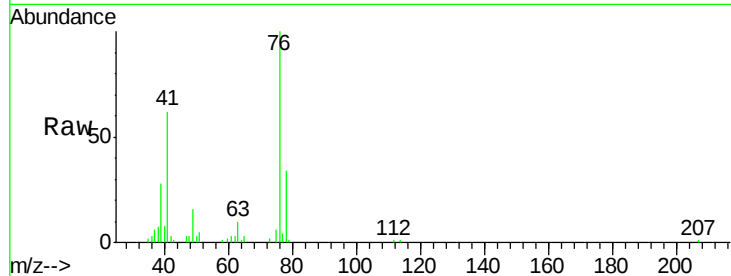




#57
 1,3-Dichloropropane
 Concen: 18.587 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

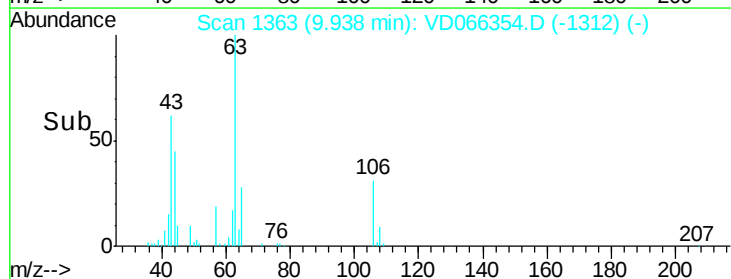
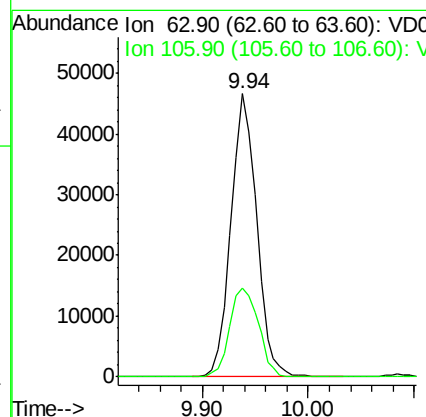
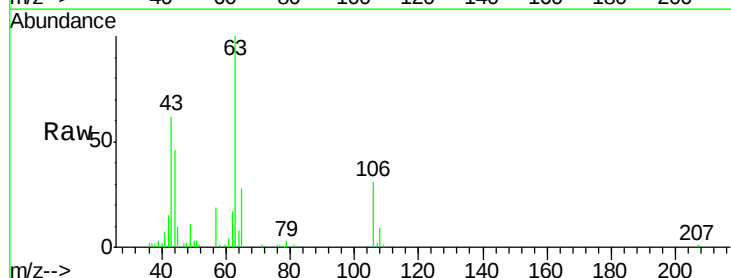
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

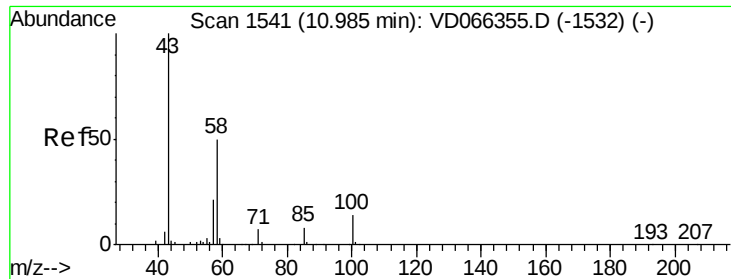
Tgt Ion: 76 Resp: 52698
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.558 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

Tgt Ion: 63 Resp: 78528
 Ion Ratio Lower Upper
 63 100
 106 34.9 27.1 40.7

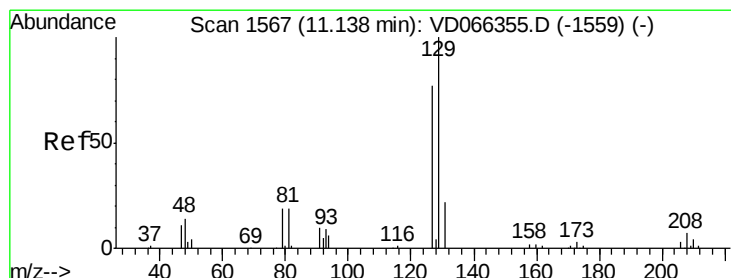
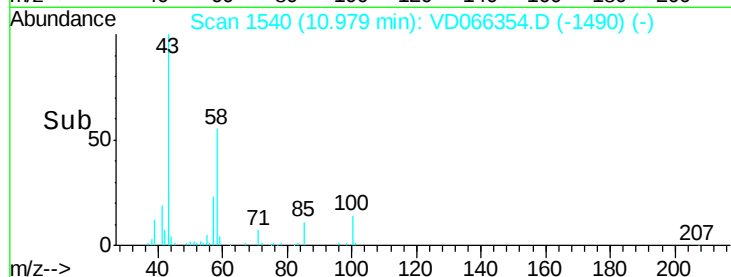
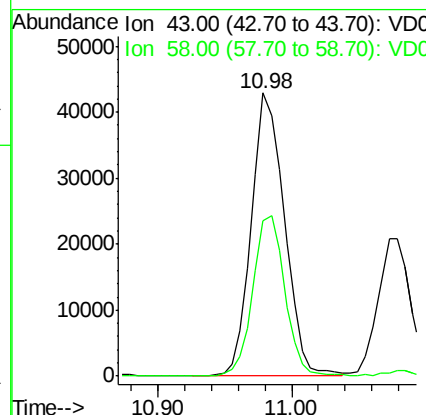
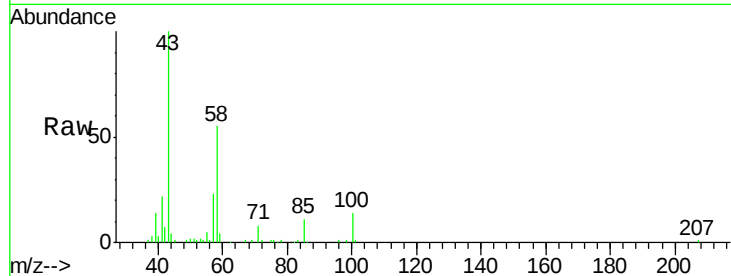




#59
2-Hexanone
Concen: 83.351 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

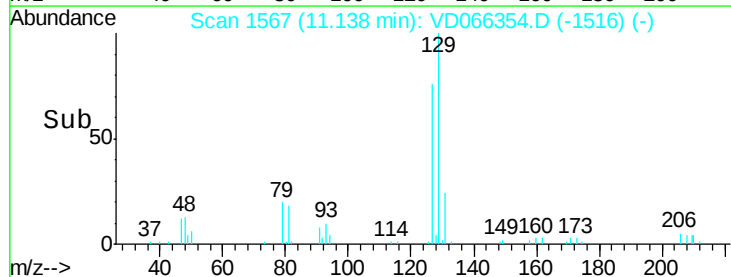
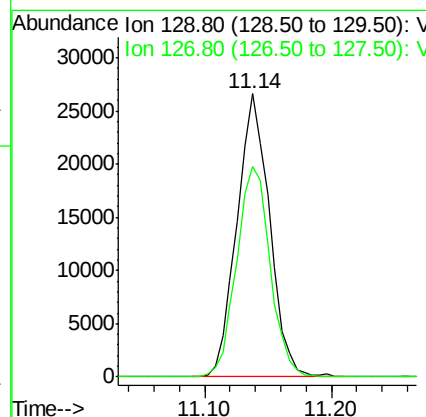
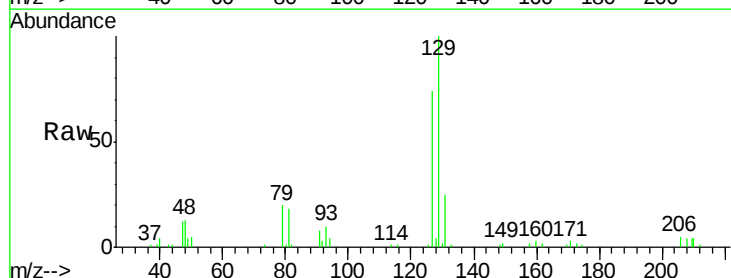
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

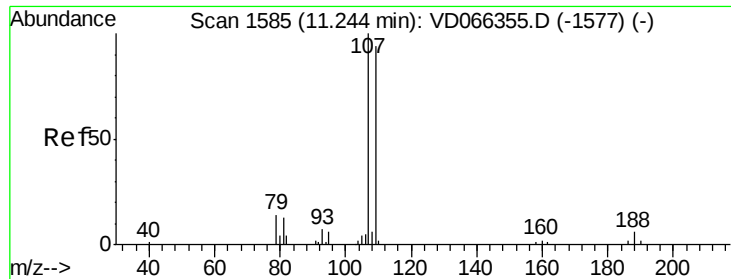
Tgt Ion: 43 Resp: 73755
Ion Ratio Lower Upper
43 100
58 54.5 26.3 78.8



#60
Dibromochloromethane
Concen: 19.928 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion: 129 Resp: 47534
Ion Ratio Lower Upper
129 100
127 75.9 39.0 117.0

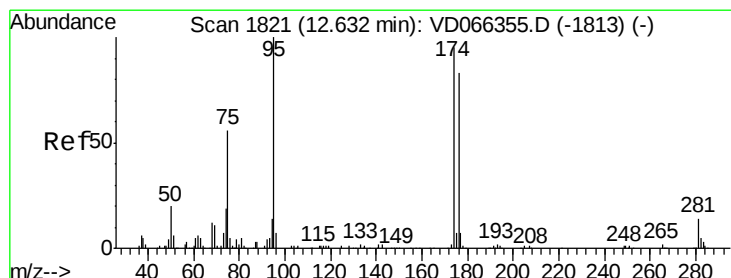
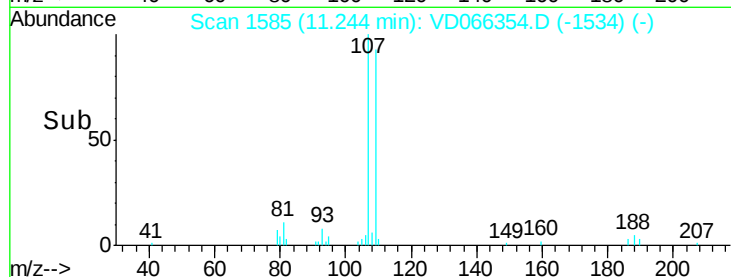
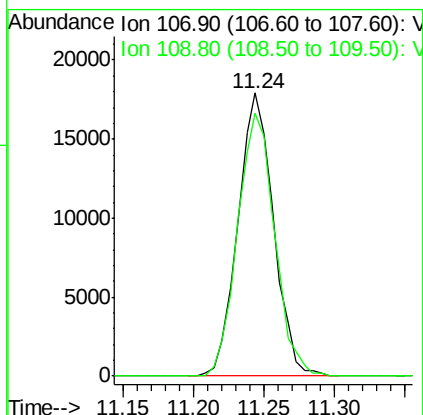
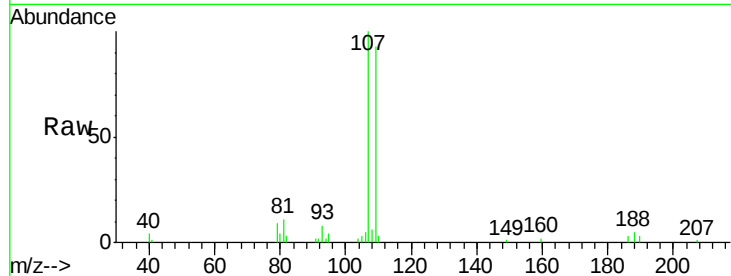




#61
 1,2-Dibromoethane
 Concen: 19.236 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

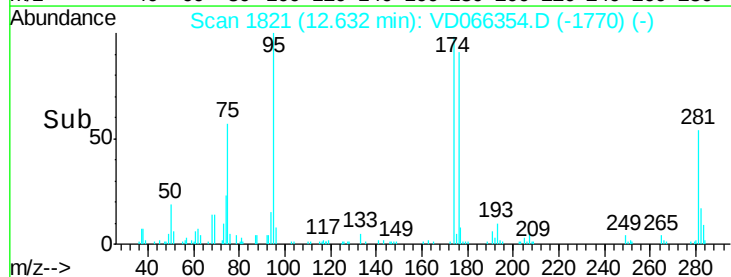
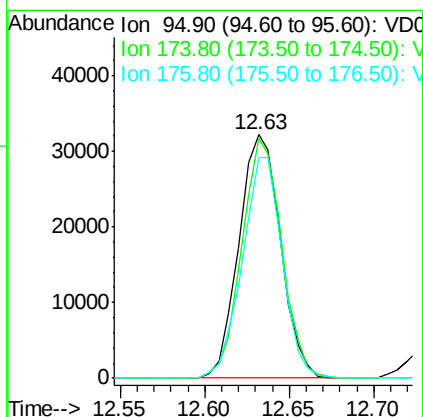
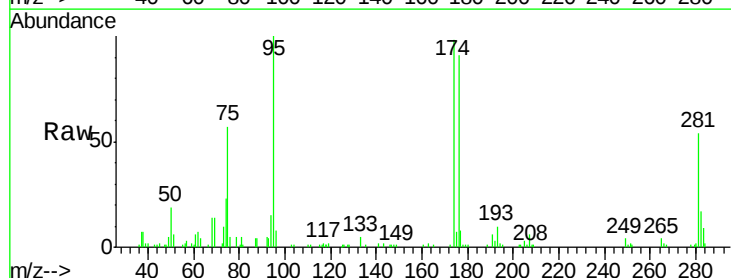
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

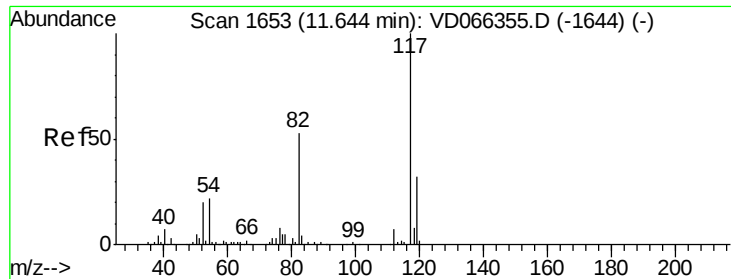
Tgt Ion: 107 Resp: 31591
 Ion Ratio Lower Upper
 107 100
 109 96.4 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 19.241 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

Tgt Ion: 95 Resp: 55049
 Ion Ratio Lower Upper
 95 100
 174 94.5 0.0 183.4
 176 87.3 0.0 173.8

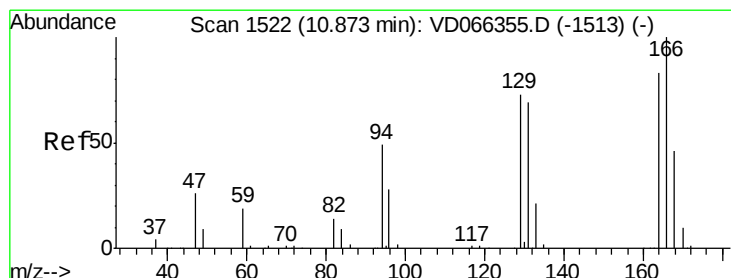
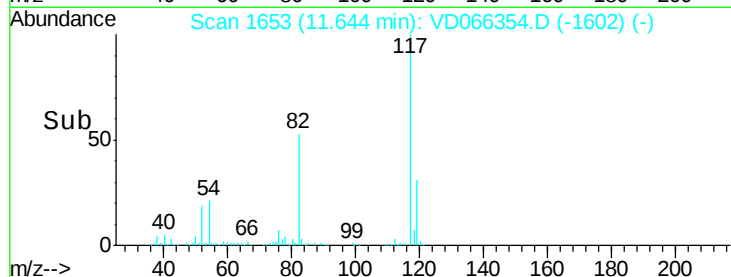
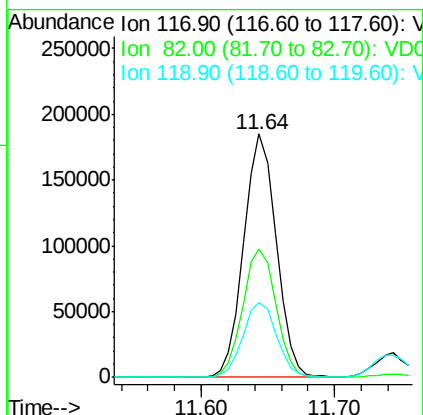
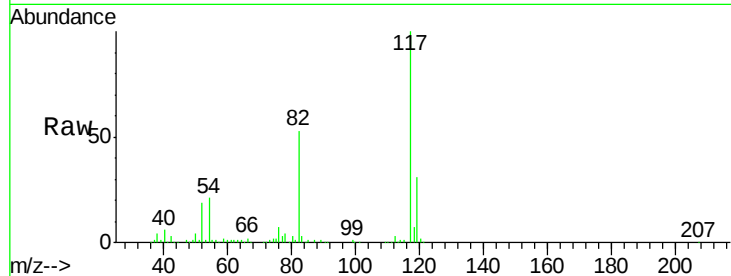




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

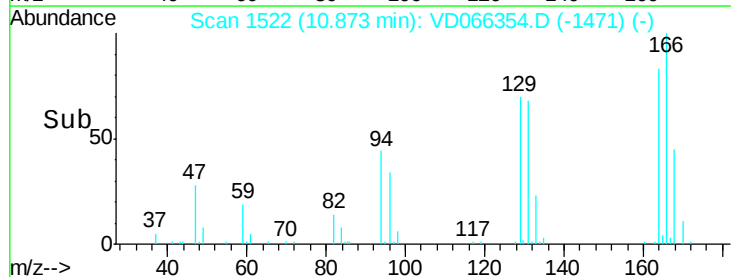
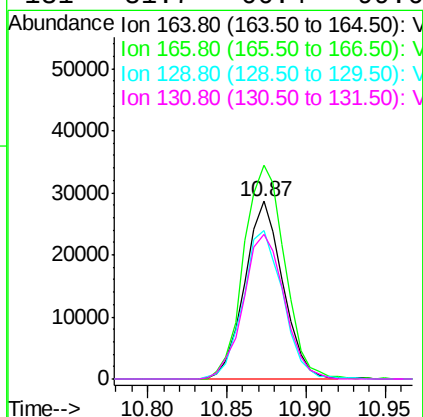
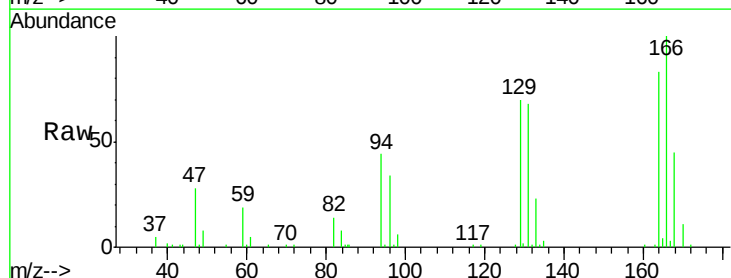
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

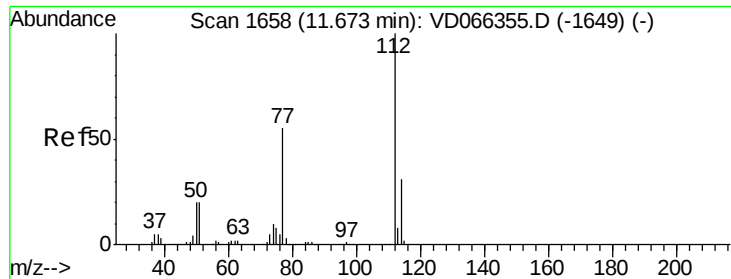
Tgt Ion:117 Resp: 311554
Ion Ratio Lower Upper
117 100
82 53.0 42.8 64.2
119 30.6 25.8 38.8



#64
Tetrachloroethene
Concen: 19.878 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion:164 Resp: 47866
Ion Ratio Lower Upper
164 100
166 120.3 96.2 144.4
129 83.8 70.3 105.5
131 81.7 66.4 99.6

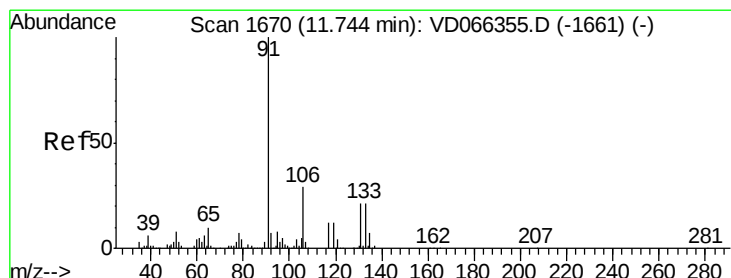
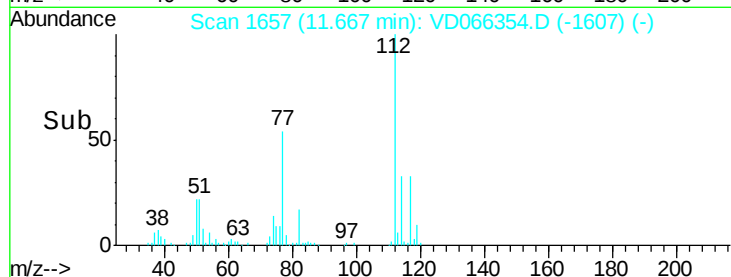
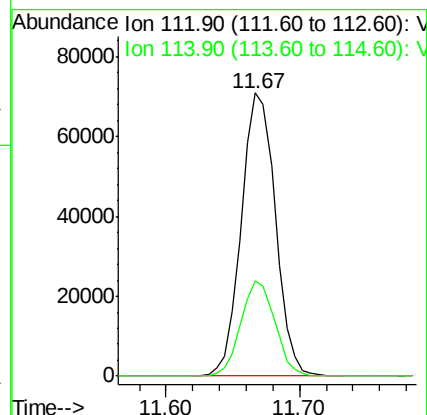
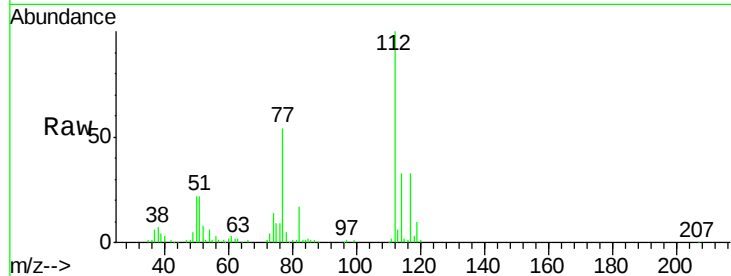




#65
Chlorobenzene
Concen: 19.703 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

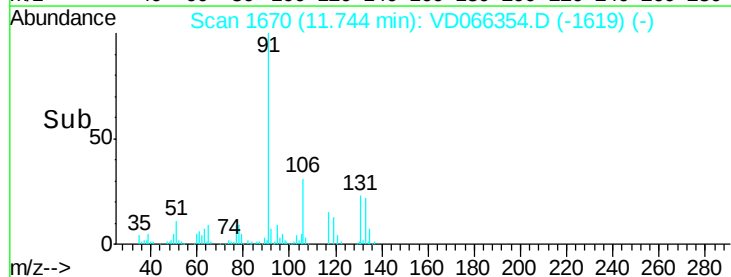
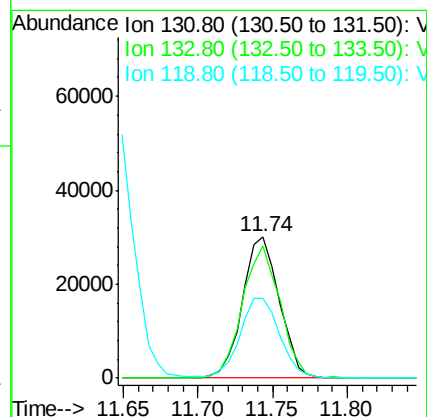
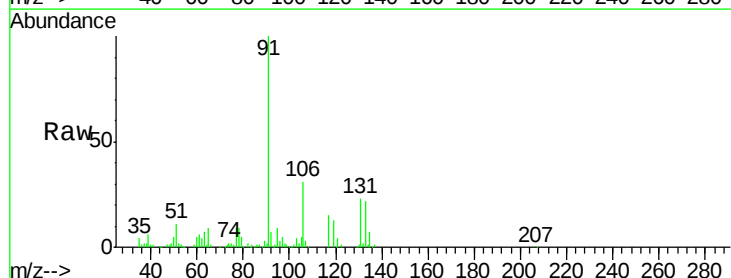
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

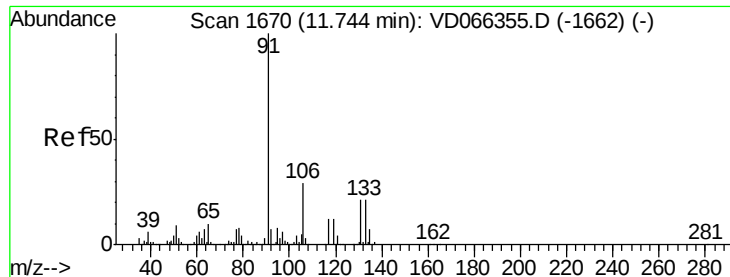
Tgt Ion:112 Resp: 125388
Ion Ratio Lower Upper
112 100
114 33.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.681 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion:131 Resp: 51658
Ion Ratio Lower Upper
131 100
133 95.1 48.6 145.9
119 60.8 29.0 87.1





#67

Ethyl Benzene

Concen: 19.976 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

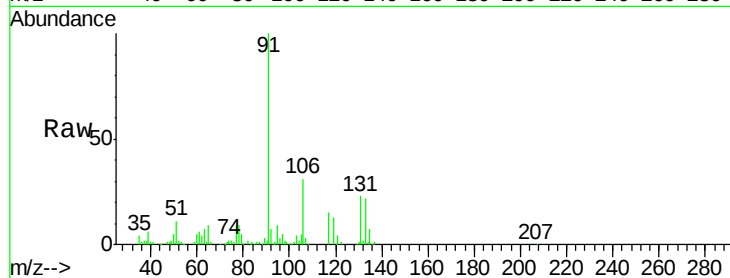
VSTDIC020

Tgt Ion: 91 Resp: 221145

Ion Ratio Lower Upper

91 100

106 30.8 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VD066355.D (-1662) (-)

Ion 106.00 (105.70 to 106.70): VD066355.D (-1662) (-)

200000

150000

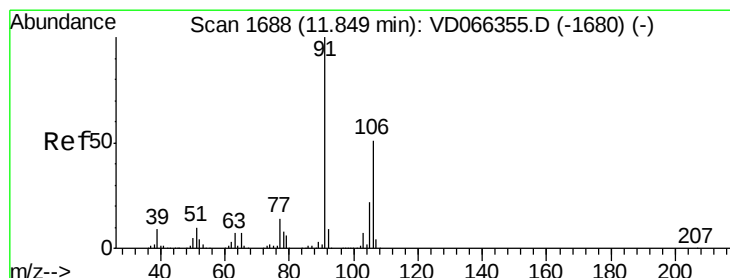
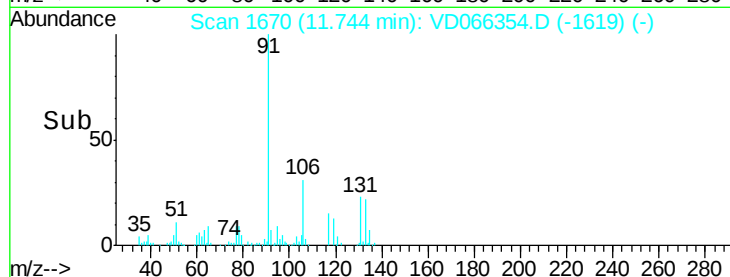
100000

50000

0

11.70 11.74 11.80

Time-->



#68

m/p-Xylenes

Concen: 39.935 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066354.D

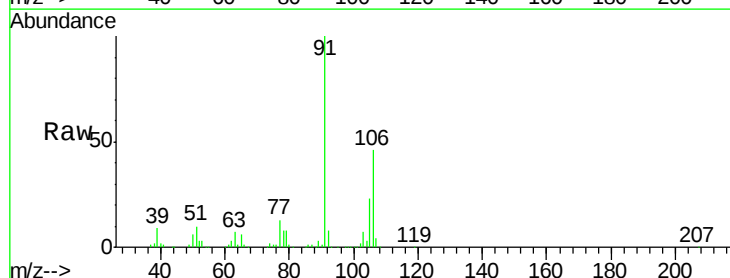
Acq: 21 Aug 2020 11:52

Tgt Ion: 106 Resp: 170458

Ion Ratio Lower Upper

106 100

91 210.1 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066355.D (-1680) (-)

Ion 91.00 (90.70 to 91.70): VD066355.D (-1680) (-)

200000

150000

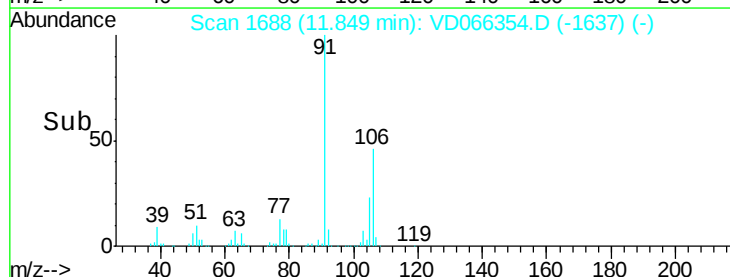
100000

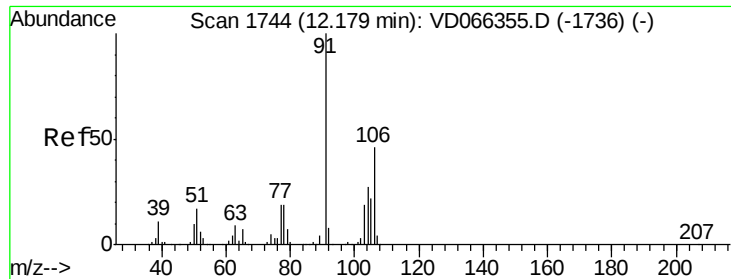
50000

0

11.80 11.85 11.90

Time-->

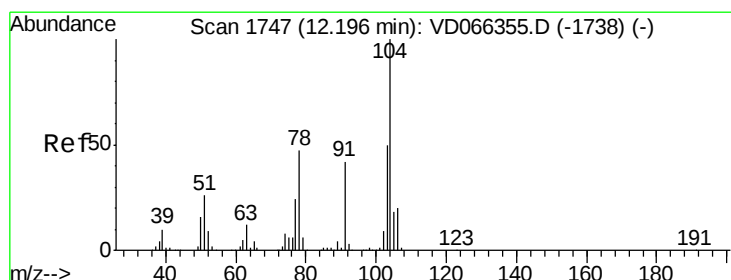
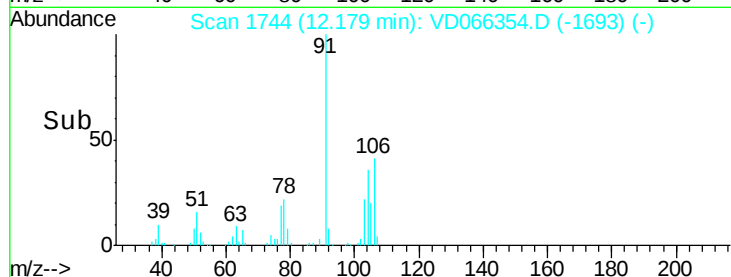
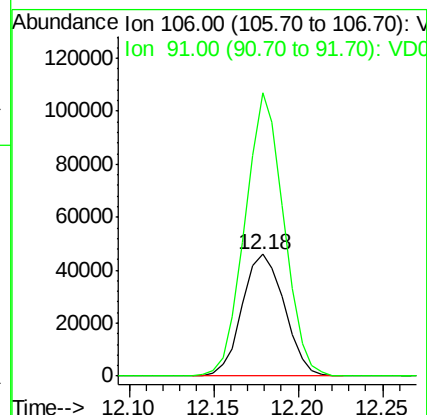
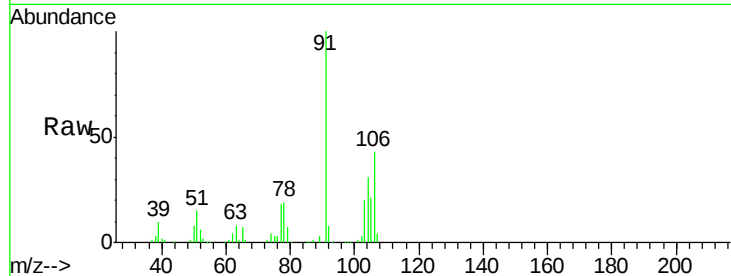




#69
o-Xylene
Concen: 20.617 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

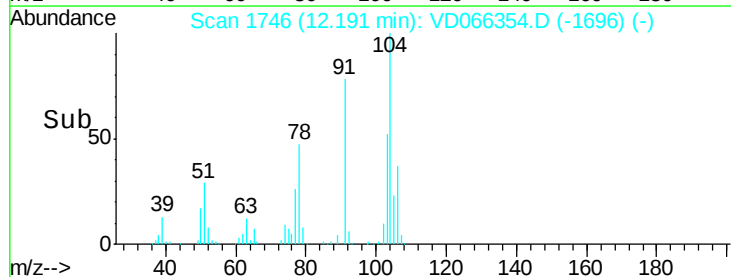
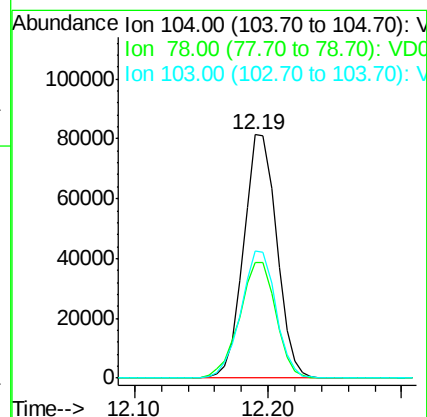
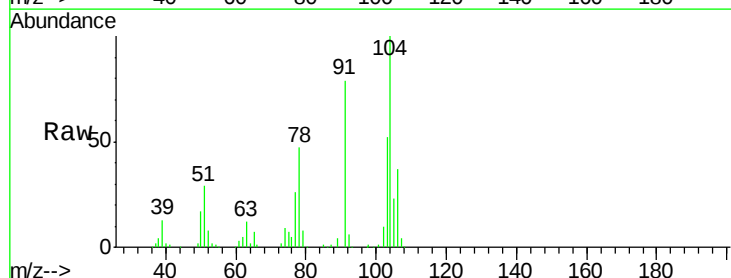
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

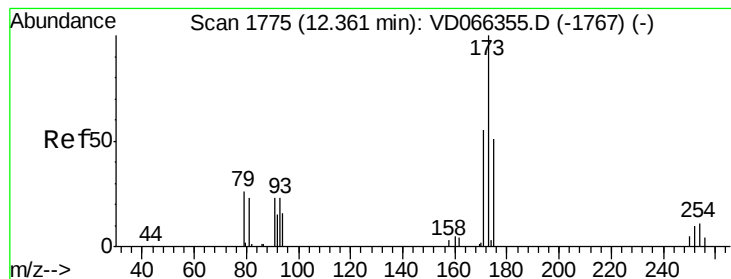
Tgt Ion:106 Resp: 79928
Ion Ratio Lower Upper
106 100
91 214.2 109.1 327.3



#70
Styrene
Concen: 20.573 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion:104 Resp: 139632
Ion Ratio Lower Upper
104 100
78 52.3 41.7 62.5
103 55.3 43.5 65.3





#71

Bromoform

Concen: 20.364 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

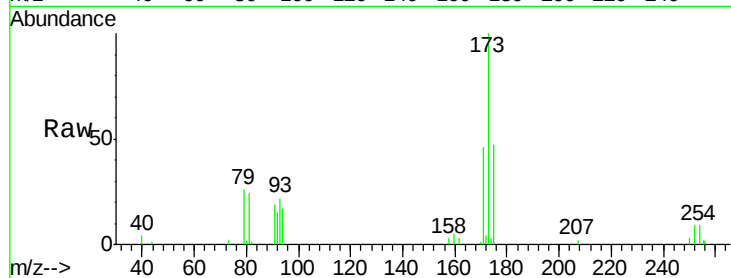
Tgt Ion:173 Resp: 29984

Ion Ratio Lower Upper

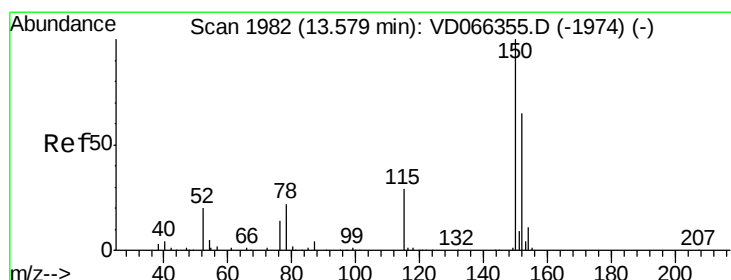
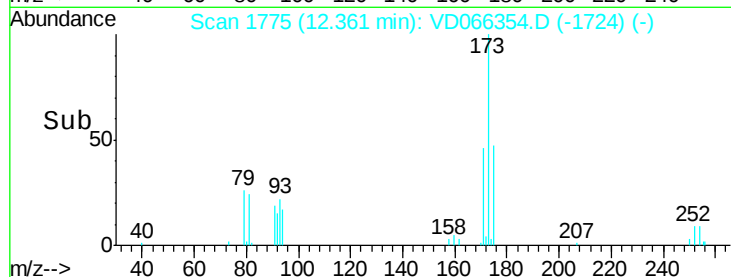
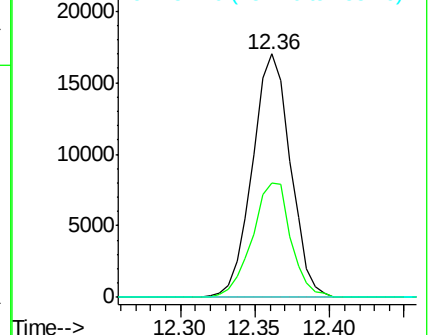
173 100

175 47.4 24.8 74.3

254 0.0 0.0 0.0



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: VD066354.D

Acq: 21 Aug 2020 11:52

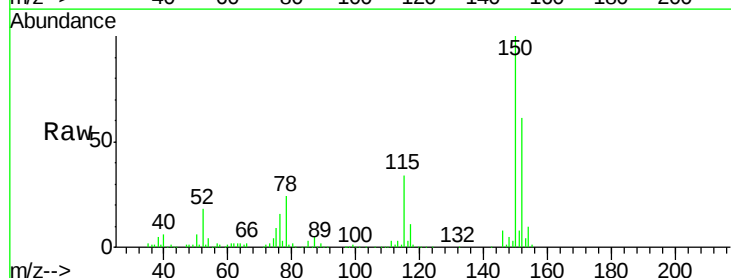
Tgt Ion:152 Resp: 164641

Ion Ratio Lower Upper

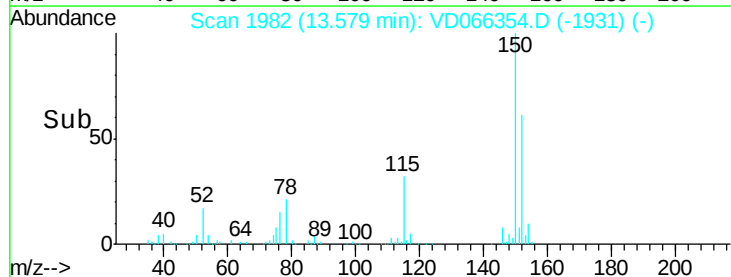
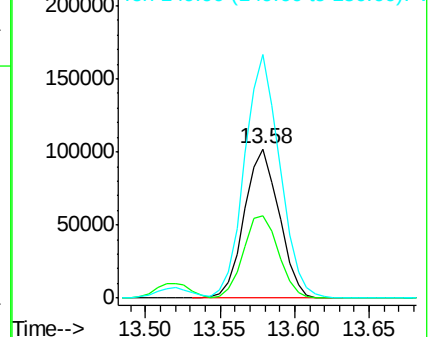
152 100

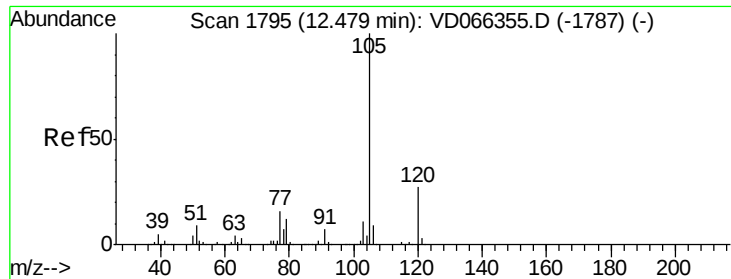
115 55.9 28.3 85.0

150 165.7 0.0 343.2



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





#73

Isopropylbenzene

Concen: 20.153 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

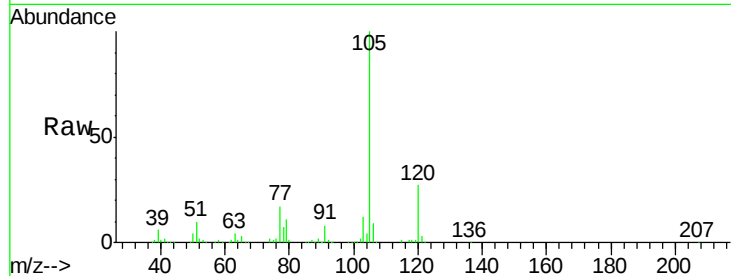
VSTDIC020

Tgt Ion:105 Resp: 222583

Ion Ratio Lower Upper

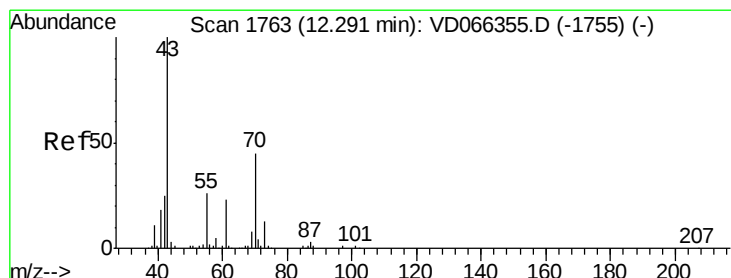
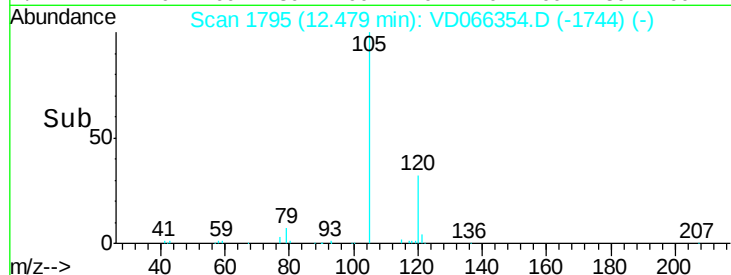
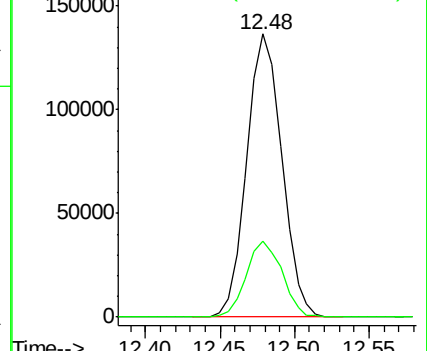
105 100

120 27.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.422 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Tgt Ion: 43 Resp: 41111

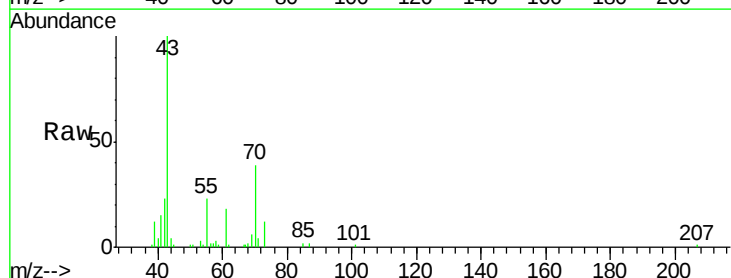
Ion Ratio Lower Upper

43 100

70 43.7 34.8 52.2

55 24.4 20.3 30.5

61 22.7 19.0 28.6

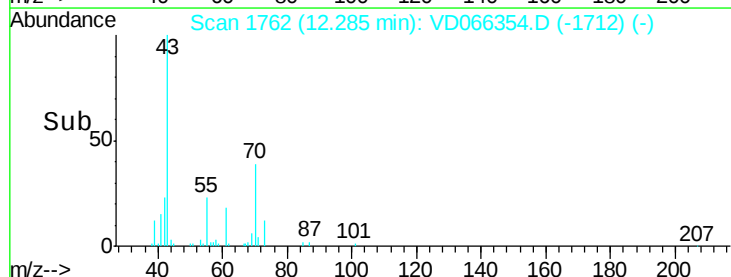
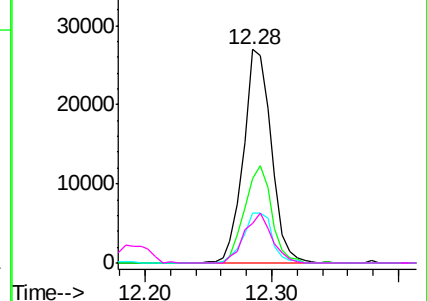


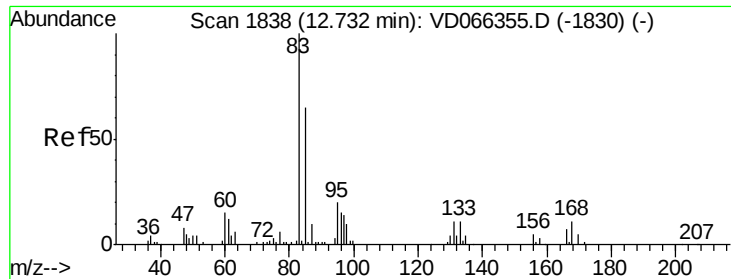
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 17.862 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

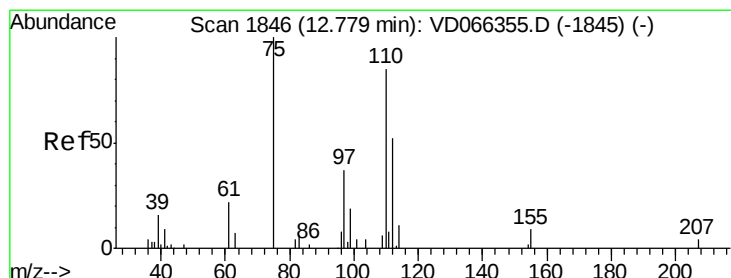
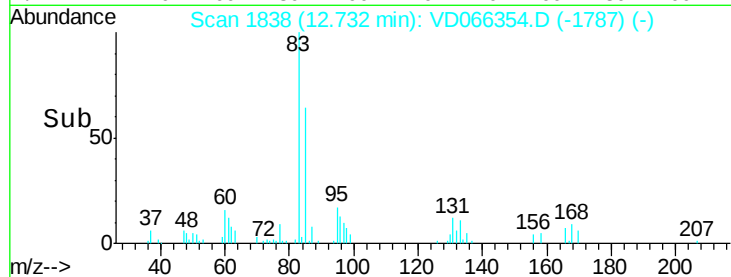
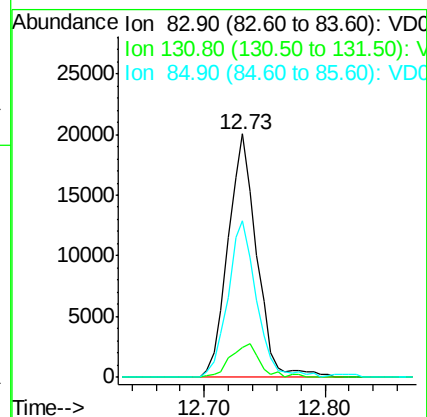
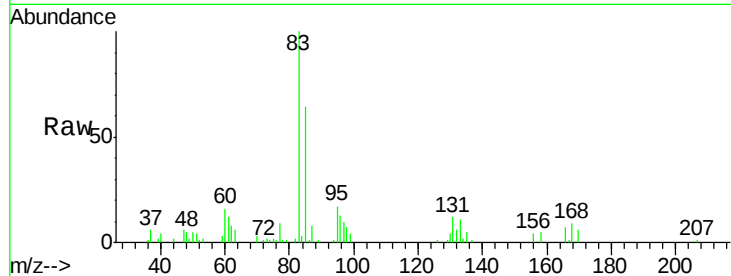
Tgt Ion: 83 Resp: 32898

Ion Ratio Lower Upper

83 100

131 14.3 7.0 20.9

85 64.2 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 32.708 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066354.D

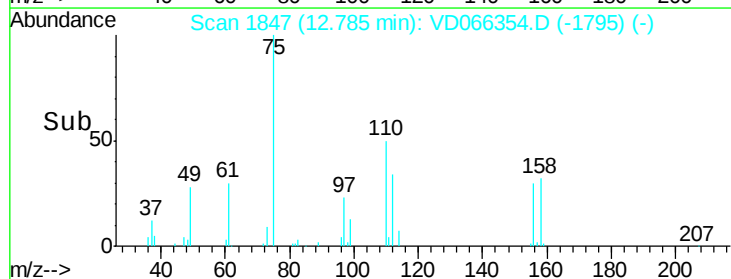
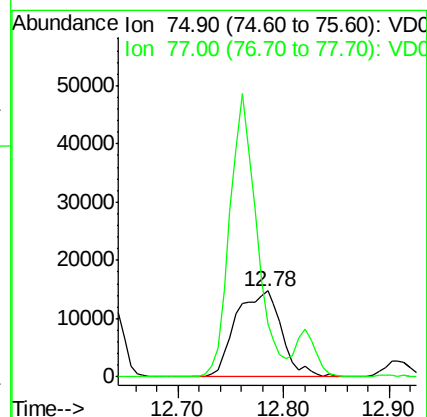
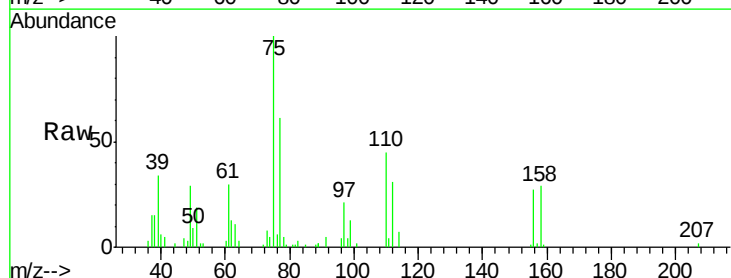
Acq: 21 Aug 2020 11:52

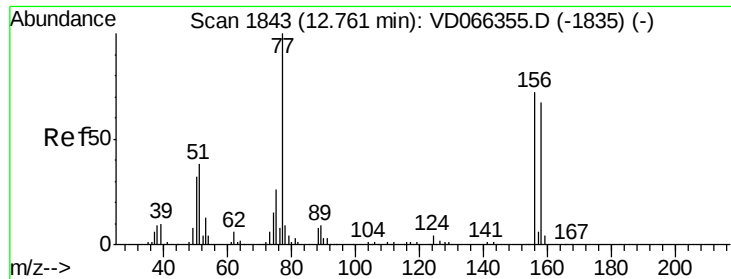
Tgt Ion: 75 Resp: 44422

Ion Ratio Lower Upper

75 100

77 0.0 182.9 548.9#

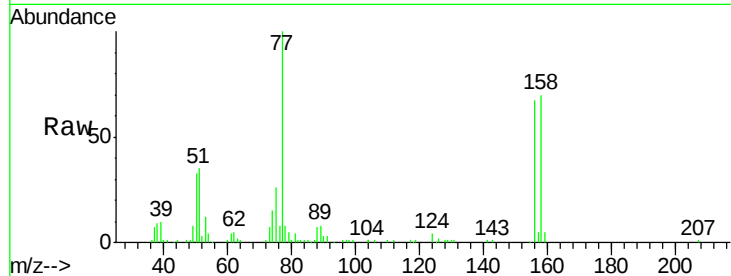




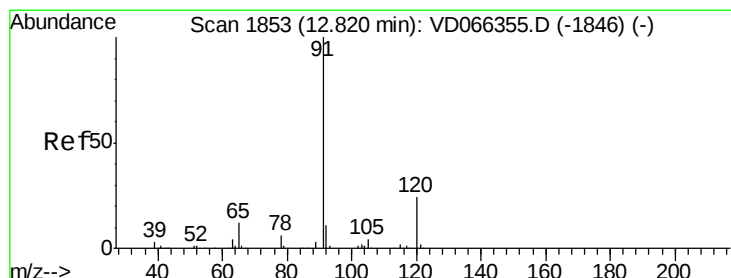
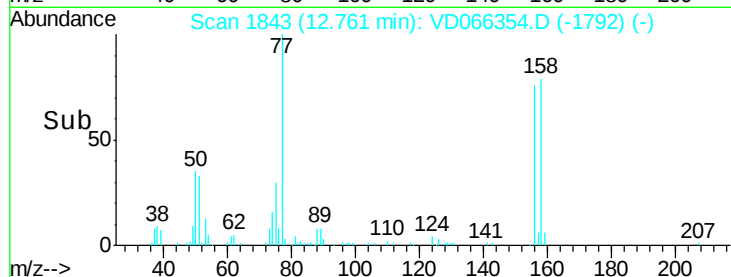
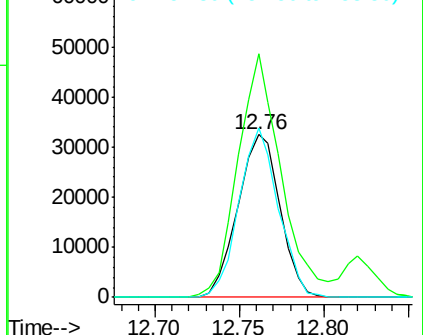
#77
Bromobenzene
Concen: 19.826 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:156 Resp: 56395
Ion Ratio Lower Upper
156 100
77 153.2 76.1 228.3
158 97.5 47.6 142.9

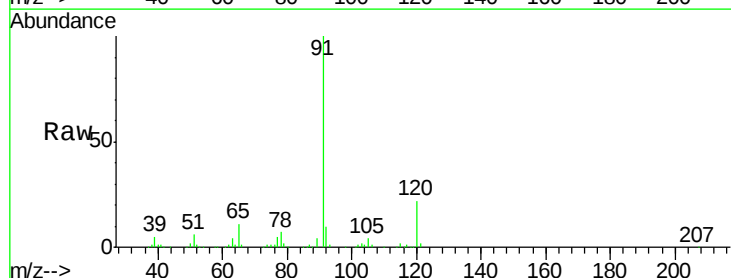


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

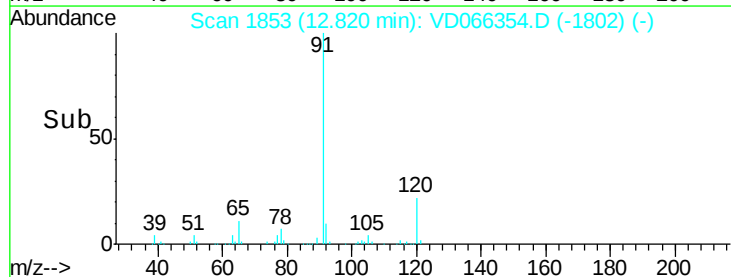
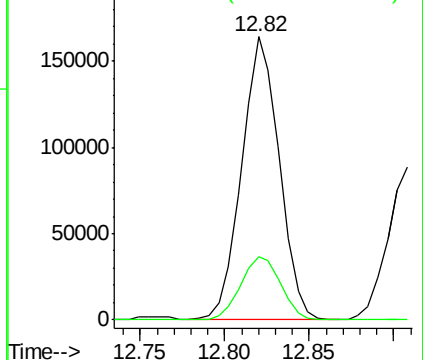


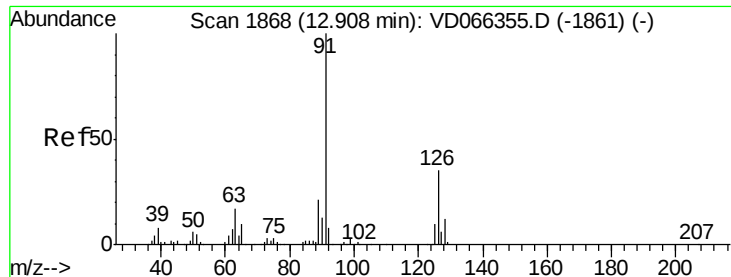
#78
n-propylbenzene
Concen: 19.912 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion: 91 Resp: 255007
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V

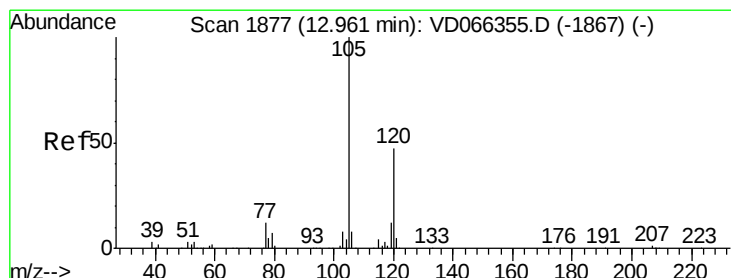
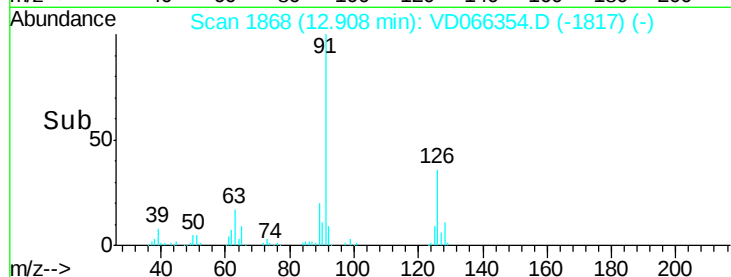
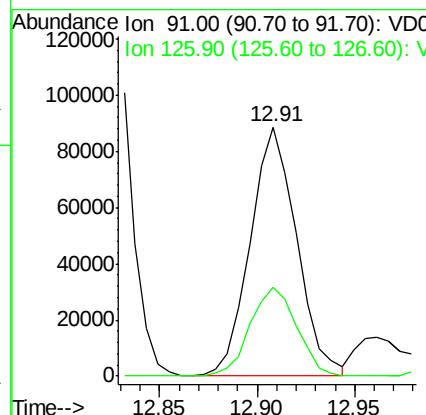
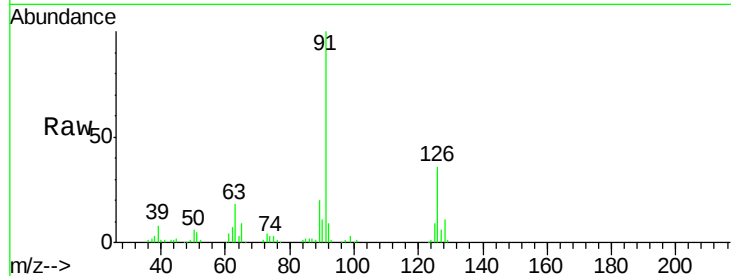




#79
 2-Chlorotoluene
 Concen: 20.033 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

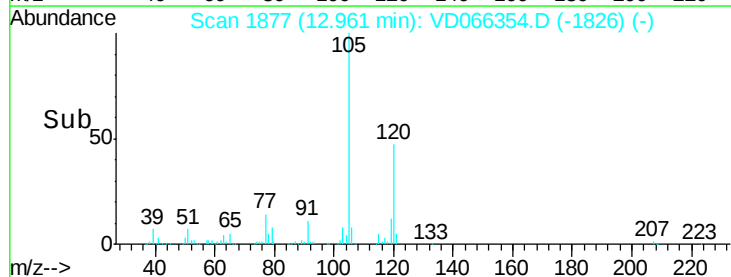
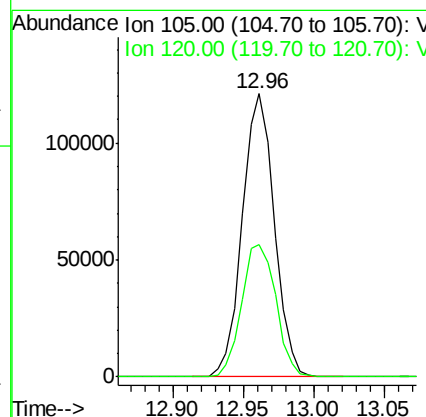
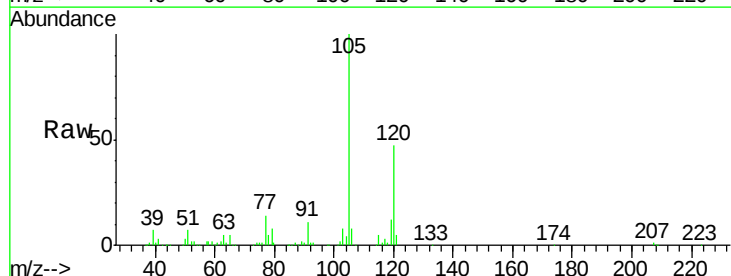
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

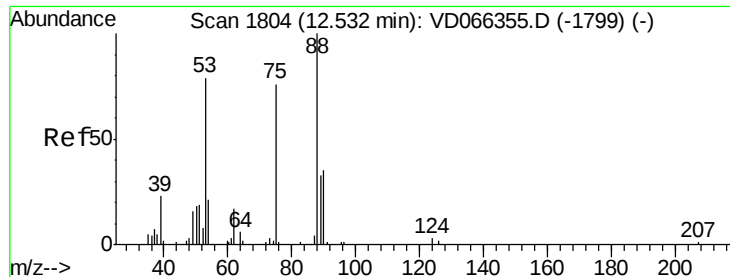
Tgt Ion: 91 Resp: 146385
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.698 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

Tgt Ion: 105 Resp: 192385
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.833 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066354.D

Acq: 21 Aug 2020 11:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

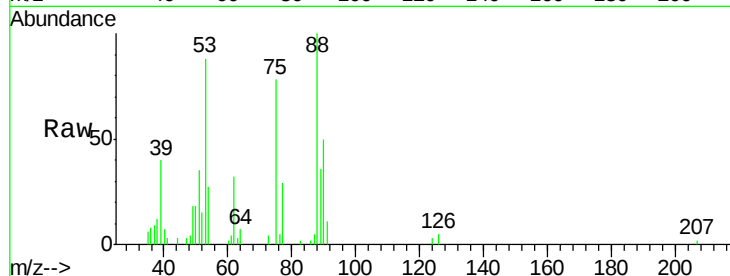
Tgt Ion: 75 Resp: 10936

Ion Ratio Lower Upper

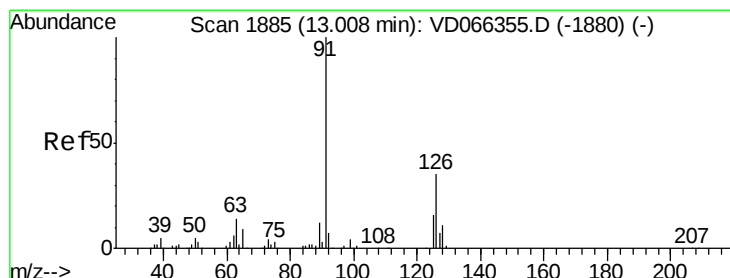
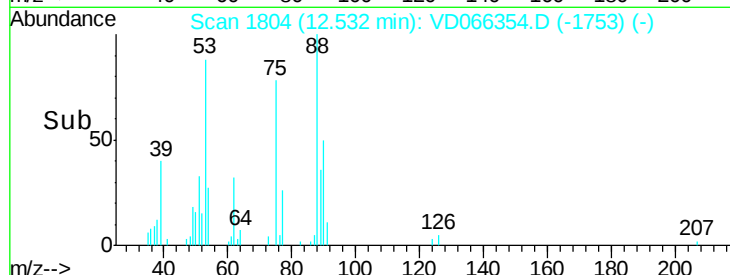
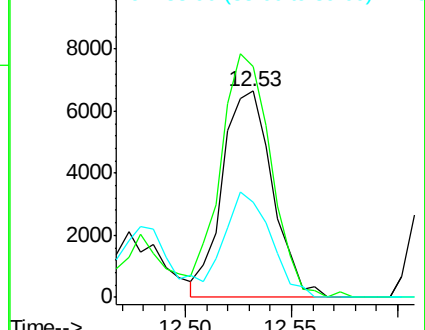
75 100

53 118.7 87.4 131.2

89 46.9 39.4 59.0



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



#82

4-Chlorotoluene

Concen: 19.976 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066354.D

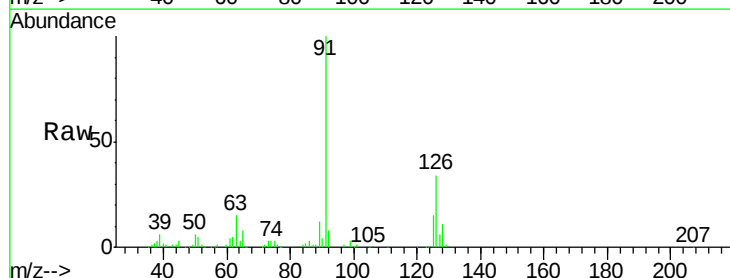
Acq: 21 Aug 2020 11:52

Tgt Ion: 91 Resp: 154568

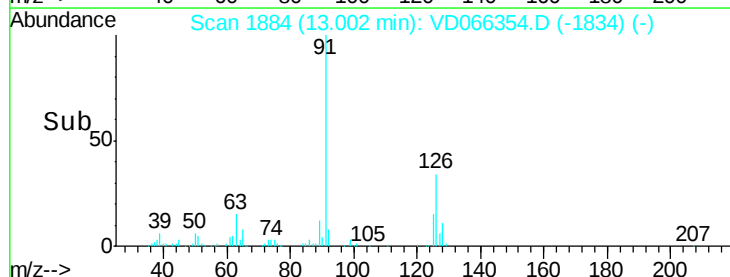
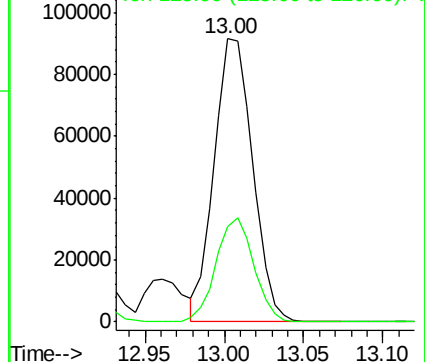
Ion Ratio Lower Upper

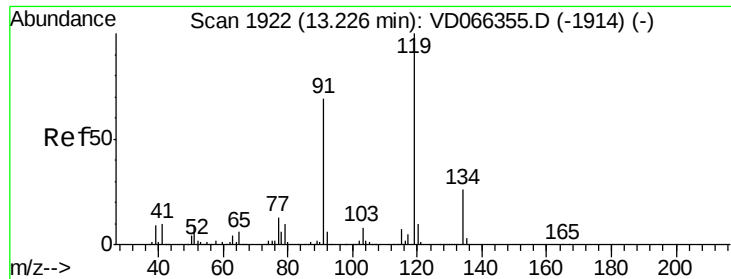
91 100

126 36.0 17.4 52.2



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

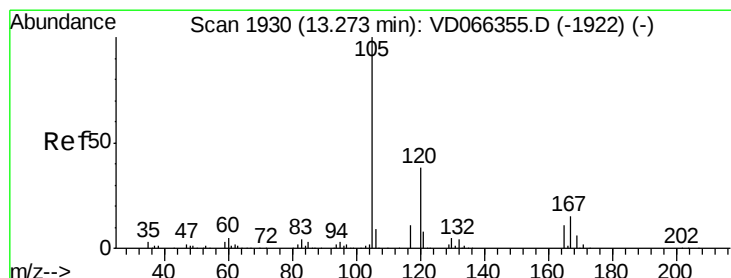
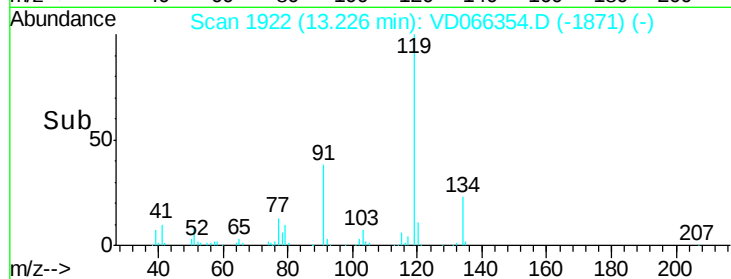
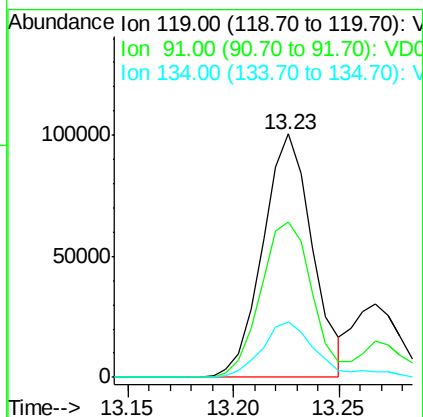
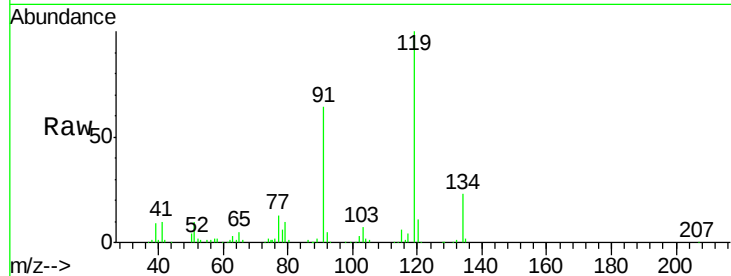




#83
 tert-Butylbenzene
 Concen: 20.197 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

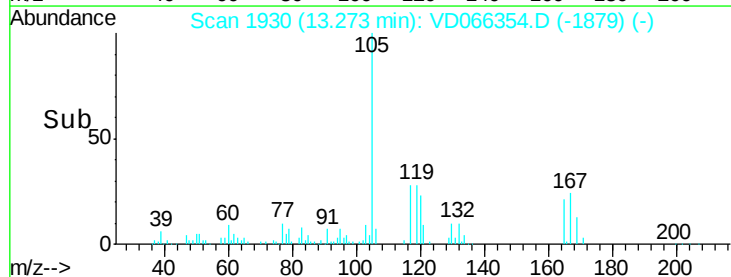
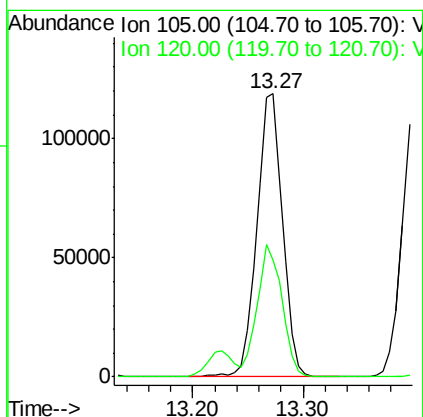
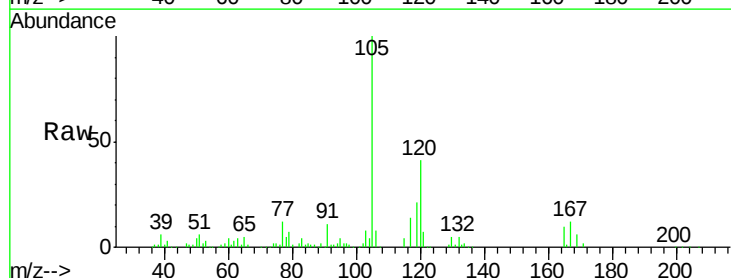
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

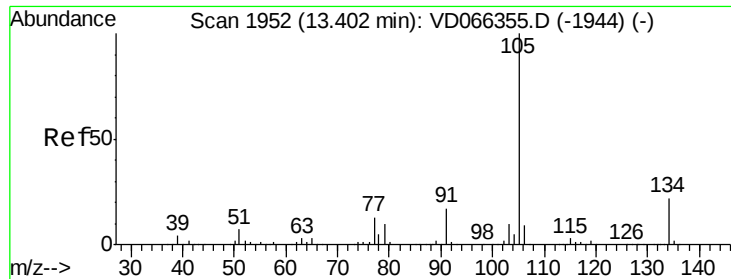
Tgt Ion:119 Resp: 164022
 Ion Ratio Lower Upper
 119 100
 91 67.2 33.5 100.5
 134 23.7 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.963 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

Tgt Ion:105 Resp: 193806
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.7

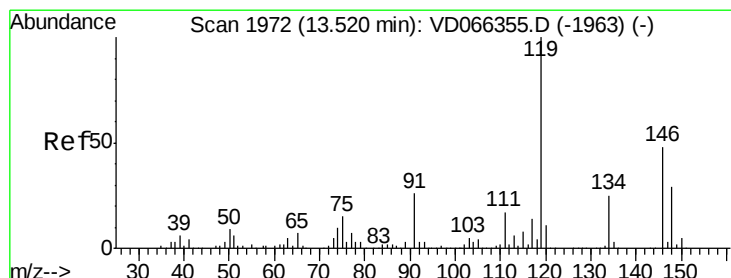
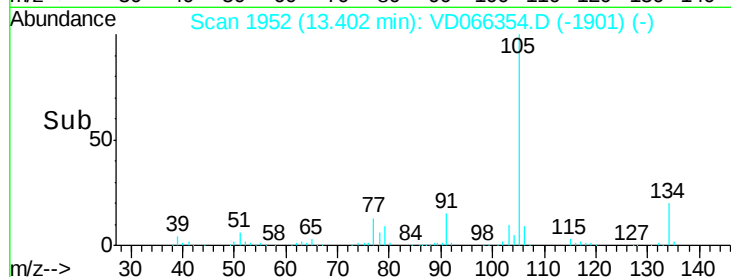
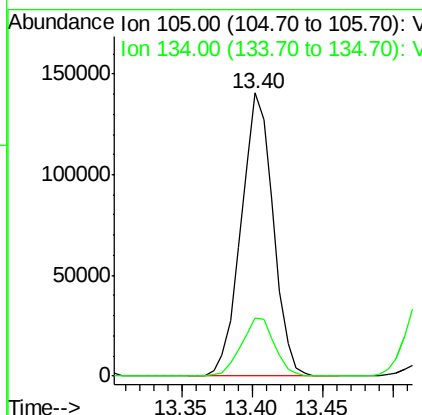
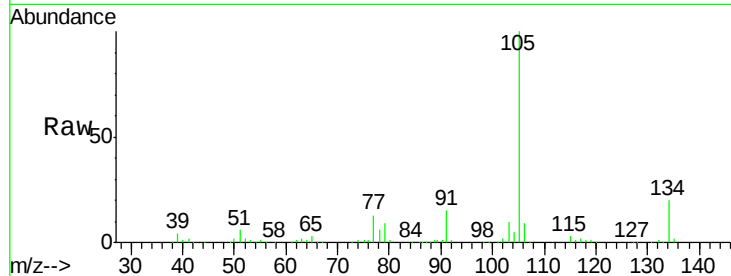




#85
 sec-Butylbenzene
 Concen: 20.347 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

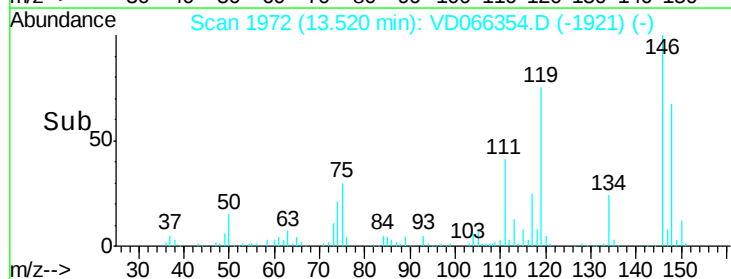
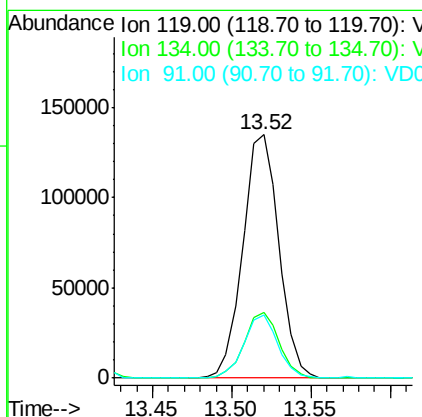
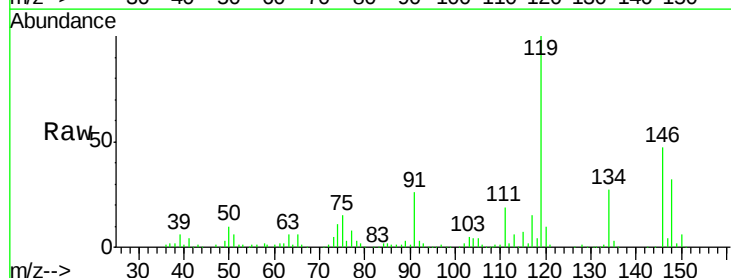
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

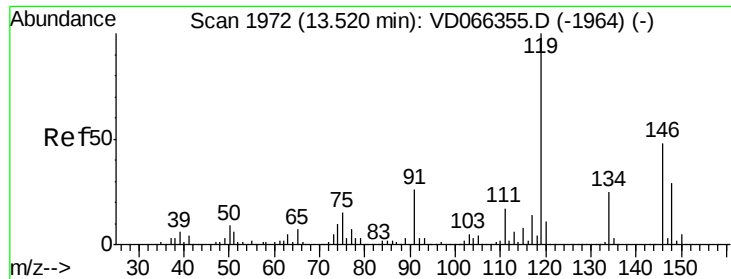
Tgt Ion:105 Resp: 222807
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 20.614 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

Tgt Ion:119 Resp: 212821
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 24.4 12.7 38.0

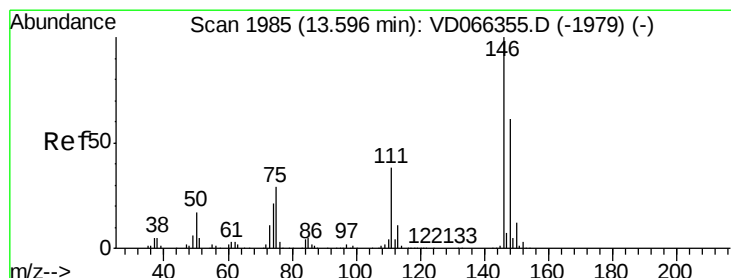
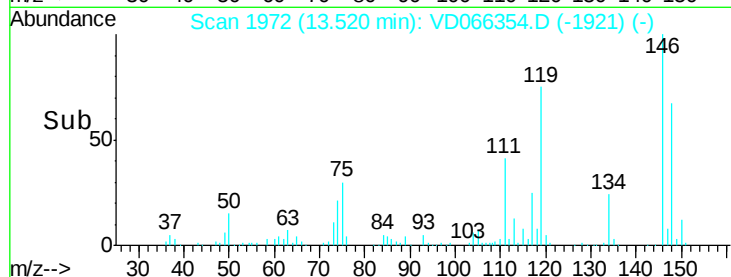
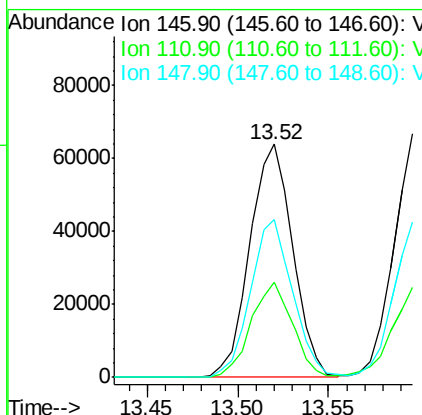
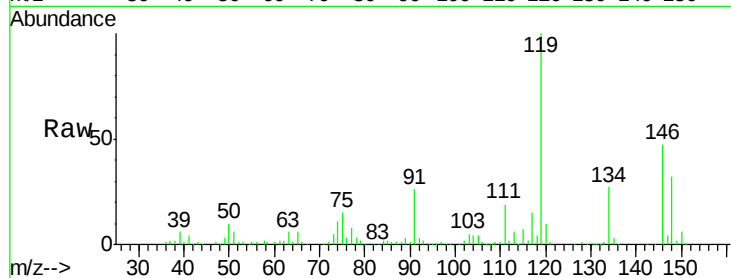




#87
 1,3-Dichlorobenzene
 Concen: 19.782 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

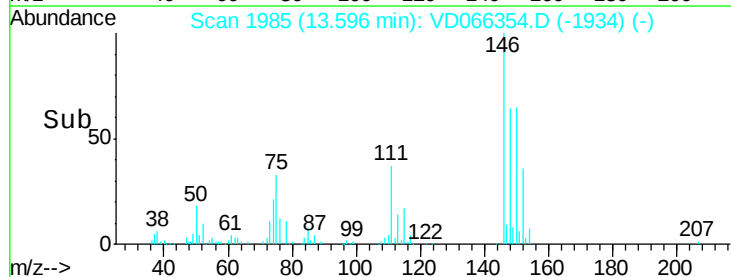
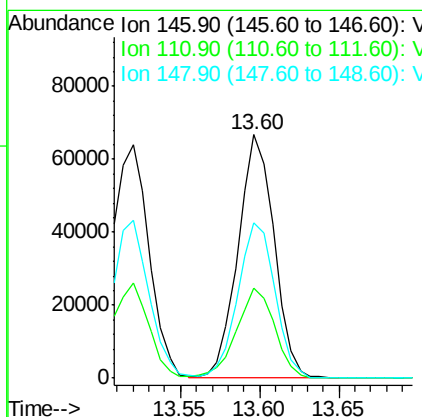
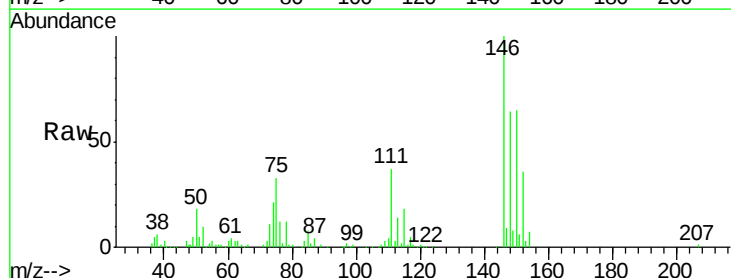
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

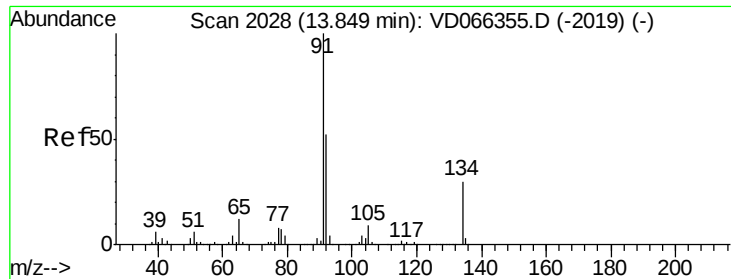
Tgt Ion:146 Resp: 105605
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.9 56.9
 148 66.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.882 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

Tgt Ion:146 Resp: 105566
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.5
 148 65.7 32.1 96.3

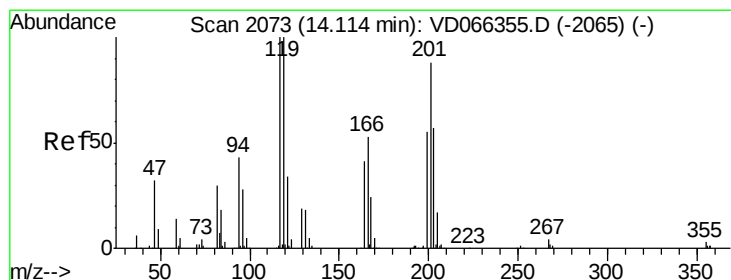
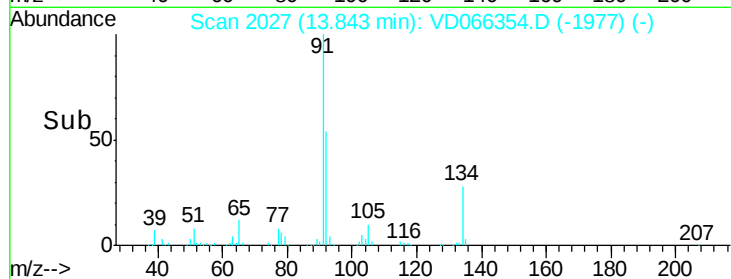
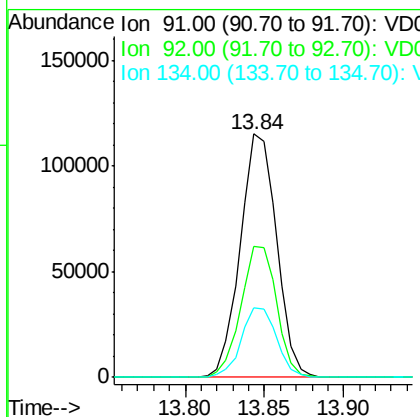
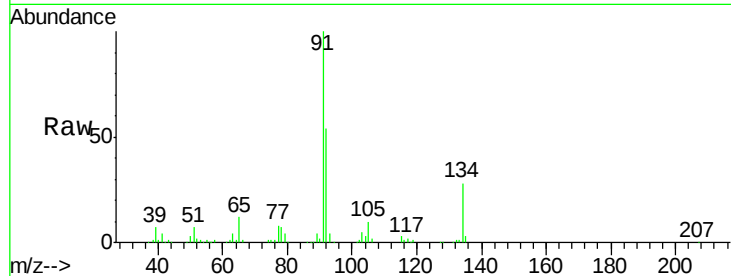




#89
n-Butylbenzene
Concen: 19.929 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

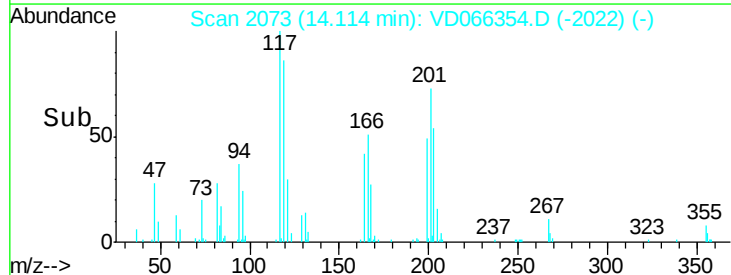
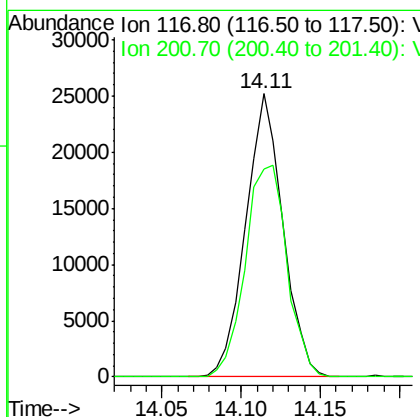
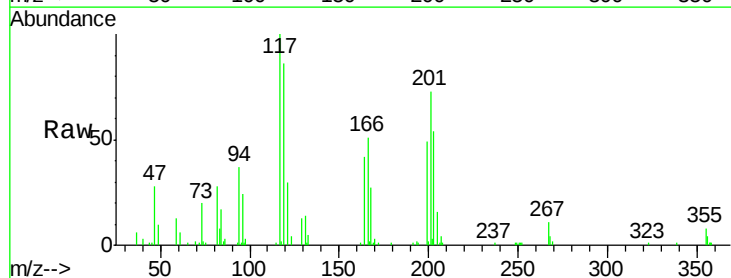
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

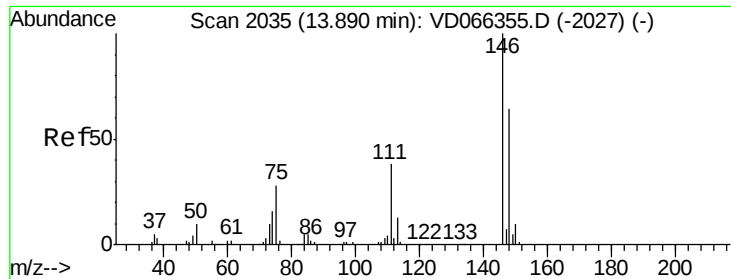
Tgt Ion: 91 Resp: 183761
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 28.0 14.4 43.4



#90
Hexachloroethane
Concen: 19.982 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion: 117 Resp: 41058
Ion Ratio Lower Upper
117 100
201 83.8 45.4 136.2

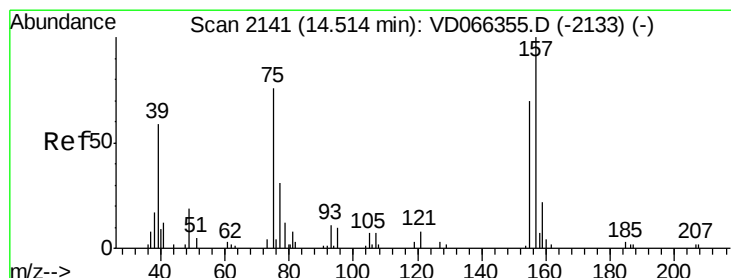
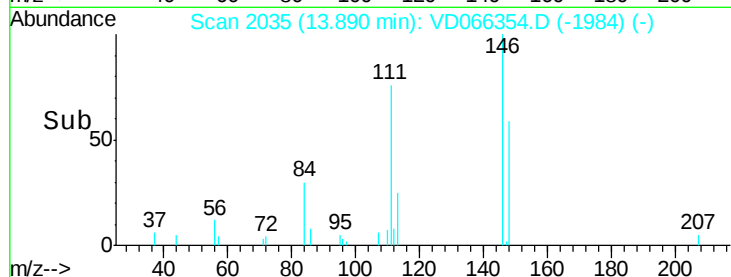
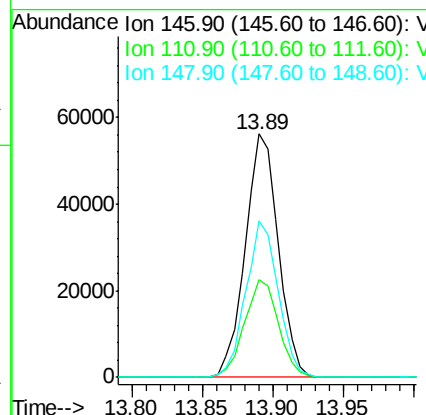
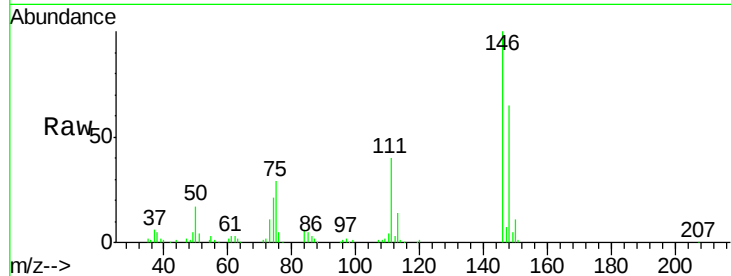




#91
 1,2-Dichlorobenzene
 Concen: 19.667 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

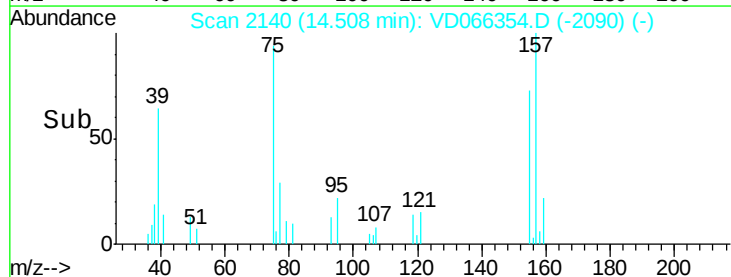
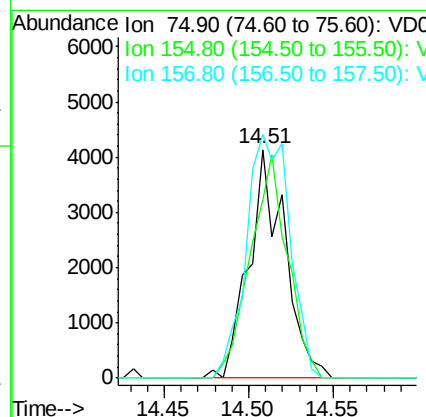
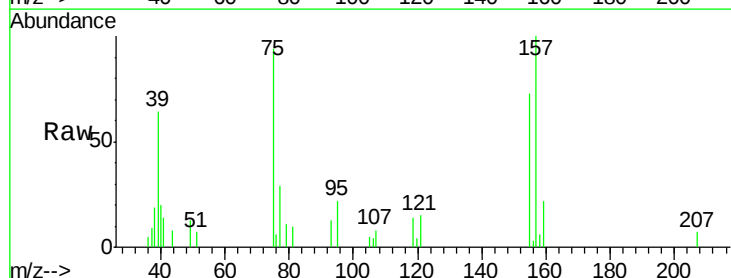
Instrument :
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 ClientSampleID :
 VSTDIC020

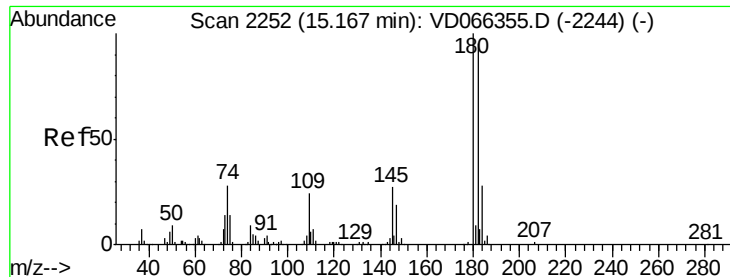
Tgt Ion:146 Resp: 92348
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.9 59.7
 148 63.0 32.6 97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.862 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

Tgt Ion: 75 Resp: 6131
 Ion Ratio Lower Upper
 75 100
 155 101.5 46.9 140.6
 157 128.9 61.0 183.0

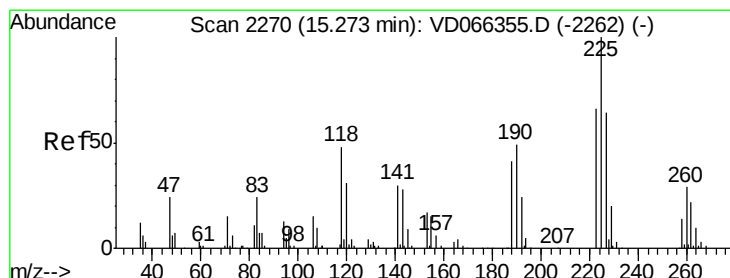
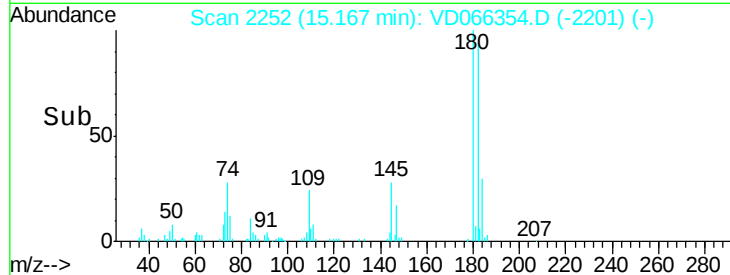
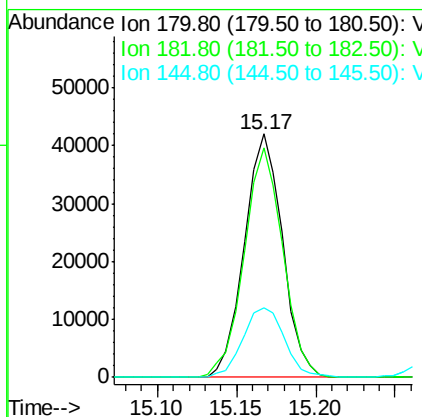
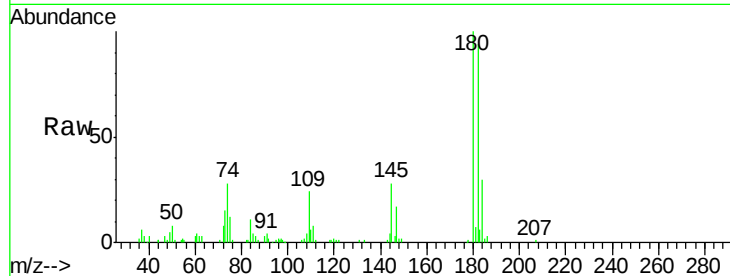




#93
 1,2,4-Trichlorobenzene
 Concen: 20.132 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

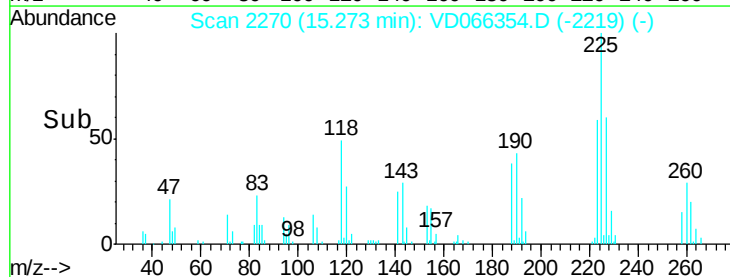
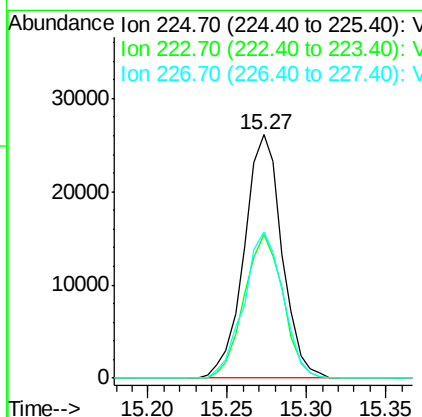
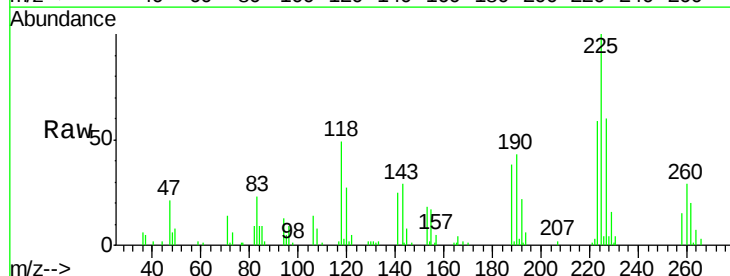
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

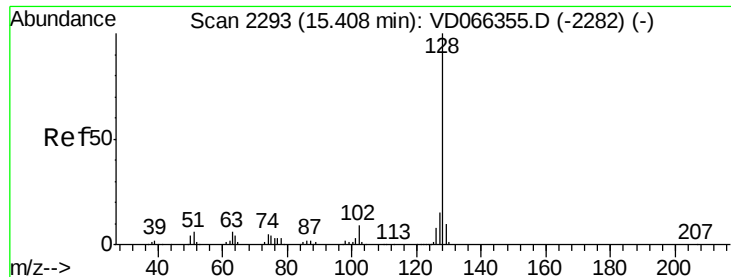
Tgt Ion:180 Resp: 70308
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.0 144.0
 145 31.2 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 20.796 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066354.D
 Acq: 21 Aug 2020 11:52

Tgt Ion:225 Resp: 43308
 Ion Ratio Lower Upper
 225 100
 223 60.6 32.5 97.4
 227 62.1 33.0 98.9

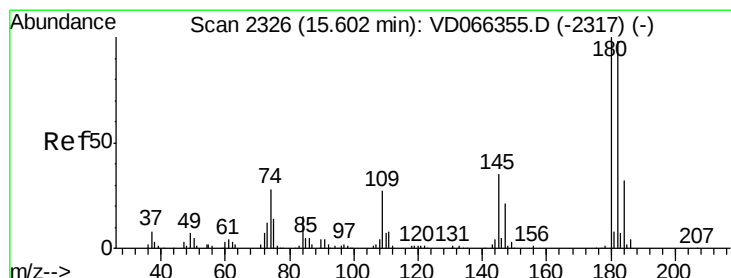
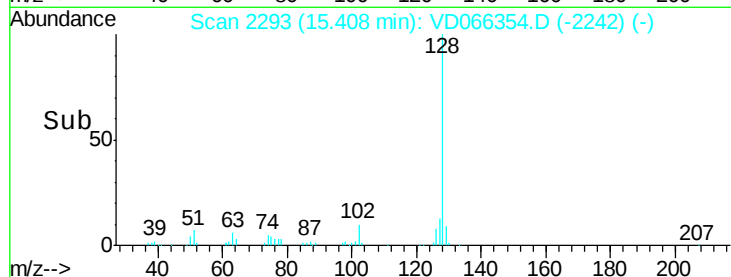
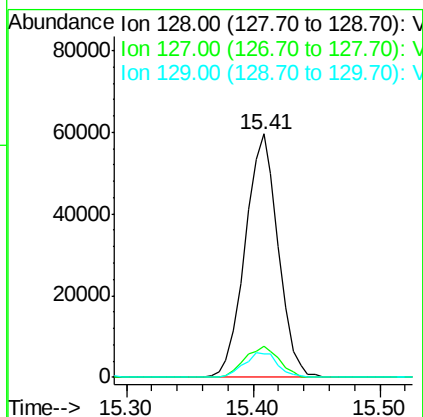
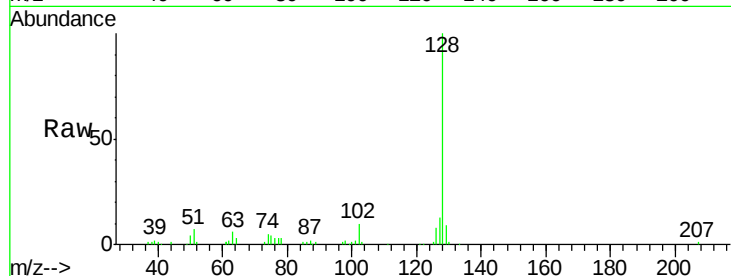




#95
Naphthalene
Concen: 19.048 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 107550
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.2 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.502 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066354.D
Acq: 21 Aug 2020 11:52

Tgt Ion:180 Resp: 59932
Ion Ratio Lower Upper
180 100
182 97.3 46.7 140.0
145 31.6 16.0 48.0

