

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121619\
 Data File : VD064526.D
 Acq On : 16 Dec 2019 16:32
 Operator : VA/SY
 Sample : K6325-04
 Misc : 7.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3425

Quant Time: Dec 17 01:54:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	23921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	36901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	40381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	24140	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	15809	73.01	ug/l	0.00
Spiked Amount						
						Recovery = 146.02%
35) Dibromofluoromethane	7.92	113	12514	53.82	ug/l	0.00
Spiked Amount						
						Recovery = 107.64%
50) Toluene-d8	10.34	98	45995	52.52	ug/l	0.00
Spiked Amount						
						Recovery = 105.04%
62) 4-Bromofluorobenzene	12.64	95	19746	70.16	ug/l	0.00
Spiked Amount						
						Recovery = 140.32%

Target Compounds

						Qvalue
5) Bromomethane	2.78	94	551	2.361	ug/l #	34
6) Chloroethane	2.93	64	227	1.076	ug/l #	44
8) Diethyl Ether	3.71	74	130	1.192	ug/l #	1
11) Tert butyl alcohol	5.24	59	60	4.353	ug/l #	100
15) Acrylonitrile	5.44	53	123	2.580	ug/l #	53
16) Acetone	4.18	43	5926	135.438	ug/l #	75
18) Methyl Acetate	4.71	43	140	1.097	ug/l #	51
20) Methylene Chloride	4.96	84	78	Below Cal	#	66
25) 2-Butanone	7.24	43	684	11.054	ug/l #	49
29) Tetrahydrofuran	7.71	42	69	1.753	ug/l #	33
30) Chloroform	7.71	83	827	1.999	ug/l	91
31) Cyclohexane	7.97	56	456	Below Cal	#	29
36) 1,1-Dichloropropene	8.00	75	1632	4.676	ug/l #	40
37) Ethyl Acetate	7.26	43	246	1.661	ug/l #	69
48) Methyl methacrylate	9.47	41	209	1.568	ug/l #	9
51) 4-Methyl-2-Pentanone	10.24	43	273	1.895	ug/l #	37
52) Toluene	10.40	92	2201	3.484	ug/l	91
59) 2-Hexanone	10.98	43	276	2.761	ug/l #	26
67) Ethyl Benzene	11.74	91	20468	13.659	ug/l	95
68) m/p-Xylenes	11.85	106	14613	25.576	ug/l	93
69) o-Xylene	12.18	106	7637	14.473	ug/l	93
70) Styrene	12.20	104	6347	6.922	ug/l #	82
71) Bromoform	12.63	173	260	1.394	ug/l #	1
73) Isopropylbenzene	12.49	105	10857	6.253	ug/l	77
76) 1,2,3-Trichloropropane	12.89	75	571	2.876	ug/l #	100
78) n-propylbenzene	12.82	91	3010	1.503	ug/l #	51
80) 1,3,5-Trimethylbenzene	12.97	105	41199	29.038	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.64	75	10227	112.333	ug/l #	9
82) 4-Chlorotoluene	13.05	91	8225	7.048	ug/l #	38
83) tert-Butylbenzene	13.27	119	12109	9.817	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.27	105	92176	64.611	ug/l	100
85) sec-Butylbenzene	13.27	105	92176	54.448	ug/l #	55
86) p-Isopropyltoluene	13.50	119	24309	15.210	ug/l #	54
89) n-Butylbenzene	13.78	91	202053	139.211	ug/l #	42

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QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

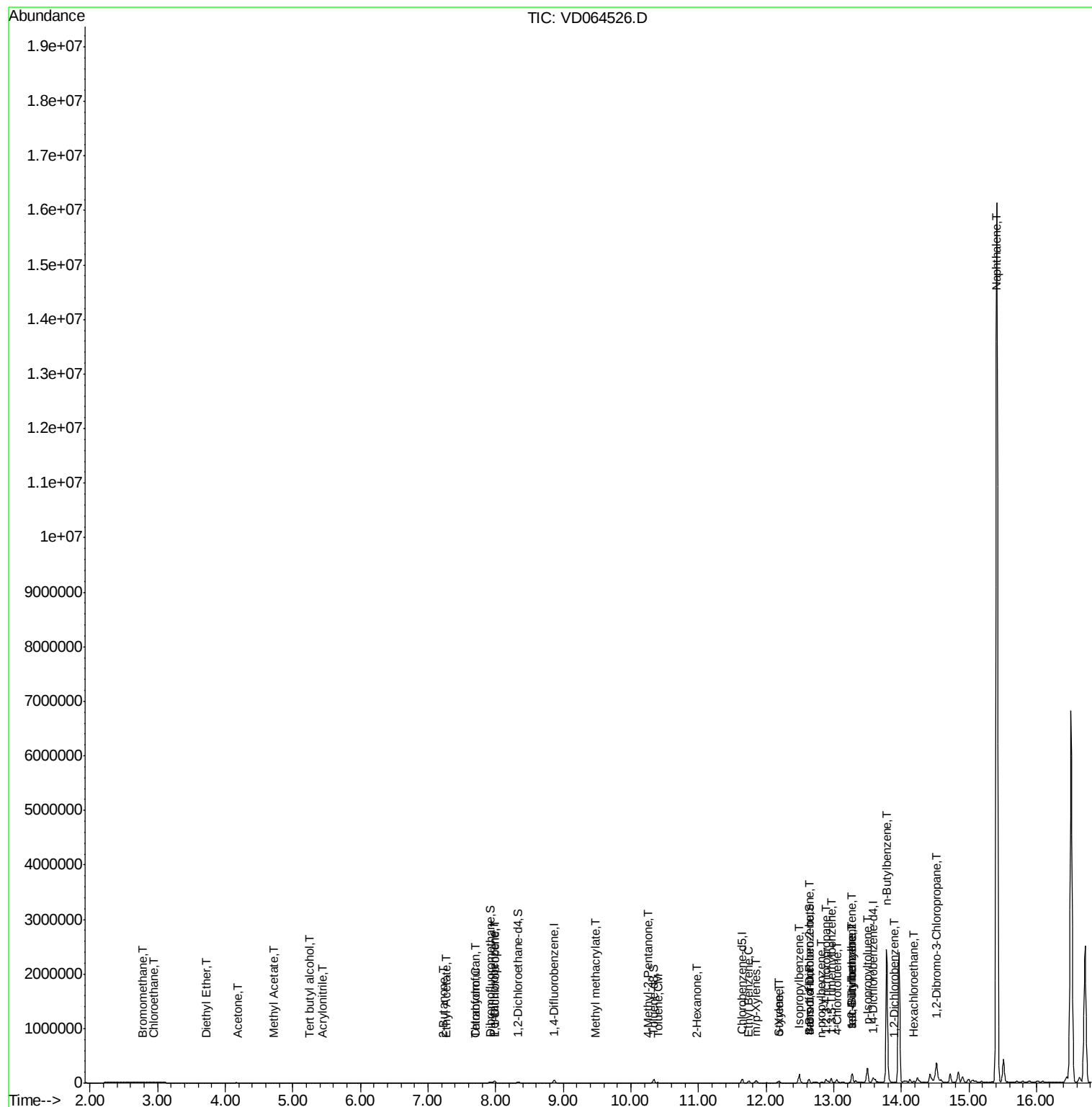
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.19	117	5646	18.887	ug/l #	5
91) 1,2-Dichlorobenzene	13.90	146	738	1.061	ug/l #	55
92) 1,2-Dibromo-3-Chloropropan	14.53	75	9282	232.342	ug/l #	1
95) Naphthalene	15.41	128	13689750	15401.717	ug/l	97

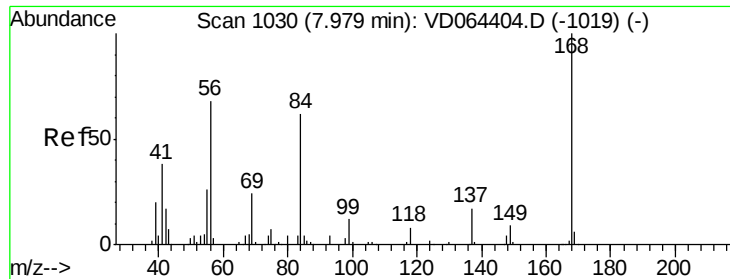
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

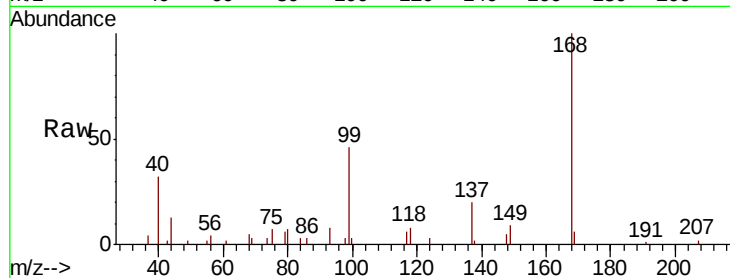
RT-3425

Tgt Ion:168 Resp: 23921

Ion Ratio Lower Upper

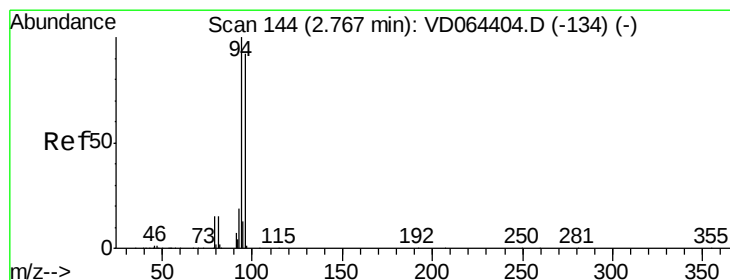
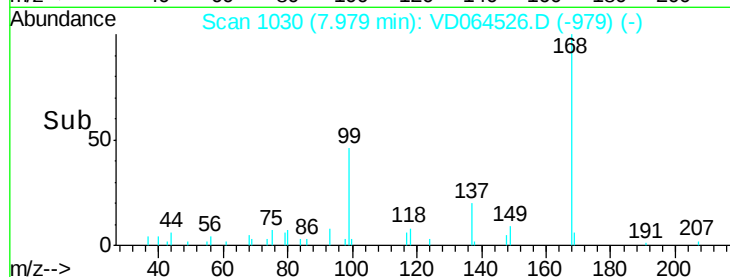
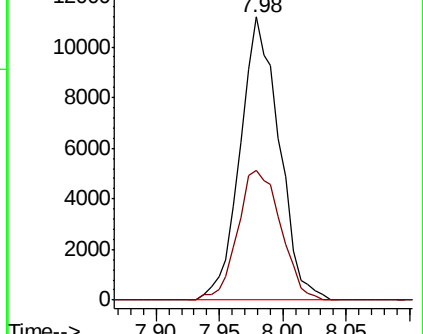
168 100

99 46.1 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#5

Bromomethane

Concen: 2.361 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD064526.D

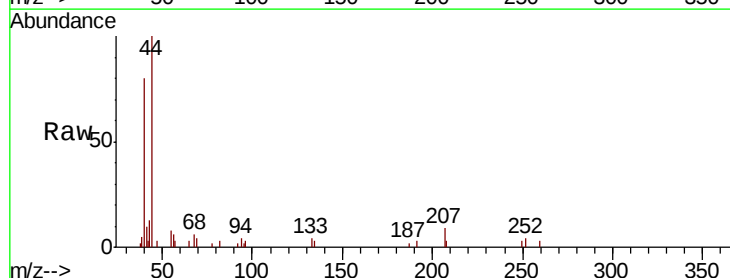
Acq: 16 Dec 2019 16:32

Tgt Ion: 94 Resp: 551

Ion Ratio Lower Upper

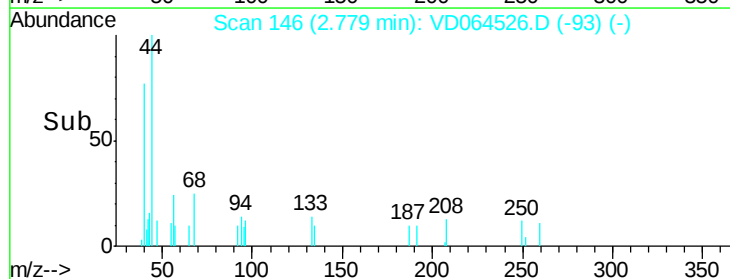
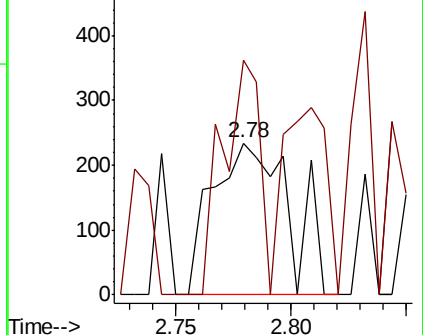
94 100

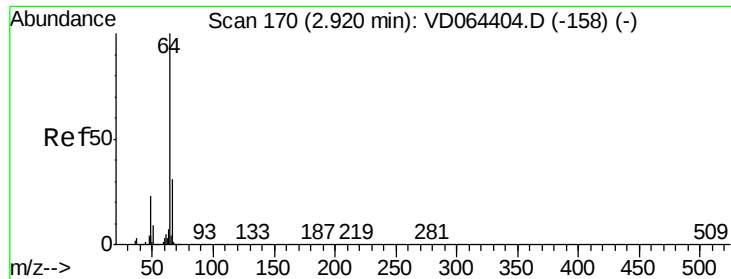
96 155.1 73.6 110.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#6

Chloroethane

Concen: 1.076 ug/l

RT: 2.93 min Scan# 172

Delta R.T. 0.01 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

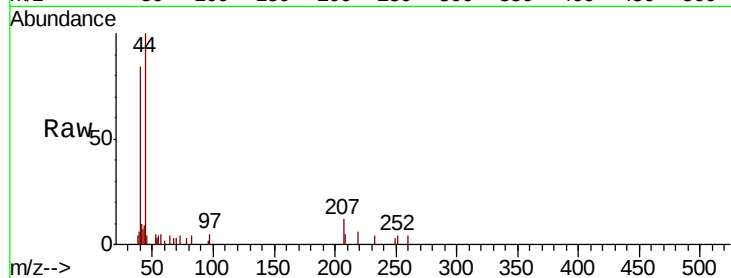
RT-3425

Tgt Ion: 64 Resp: 227

Ion Ratio Lower Upper

64 100

66 0.0 24.6 37.0#

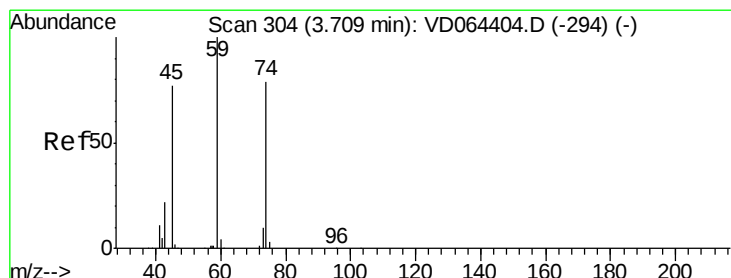
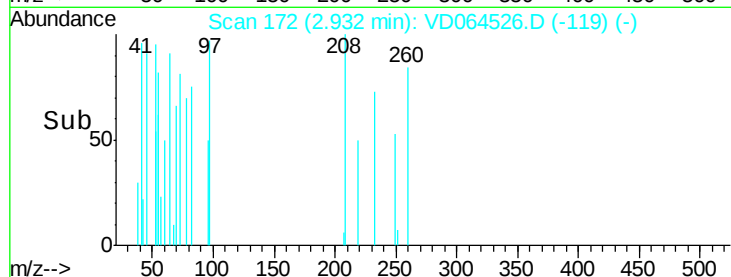


Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

Time-->



#8

Diethyl Ether

Concen: 1.192 ug/l

RT: 3.71 min Scan# 305

Delta R.T. 0.01 min

Lab File: VD064526.D

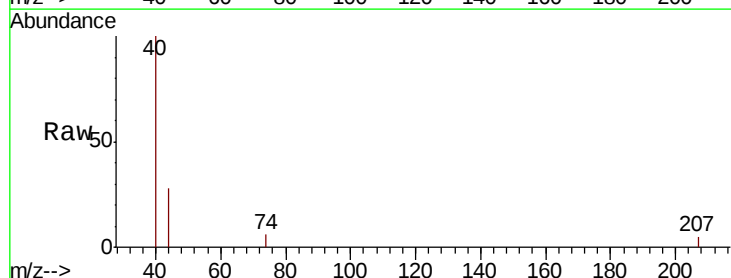
Acq: 16 Dec 2019 16:32

Tgt Ion: 74 Resp: 130

Ion Ratio Lower Upper

74 100

45 0.0 48.6 145.9#

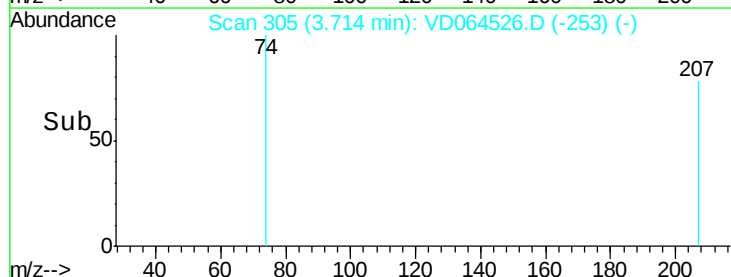


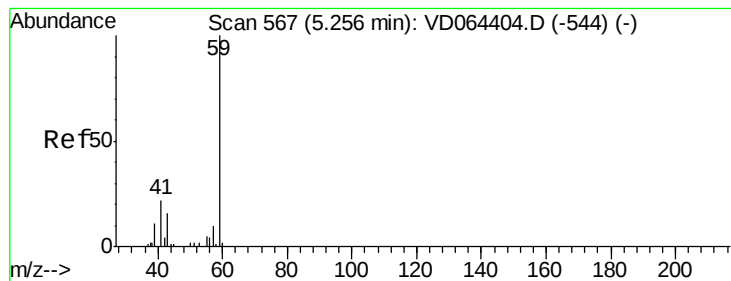
Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

Time-->



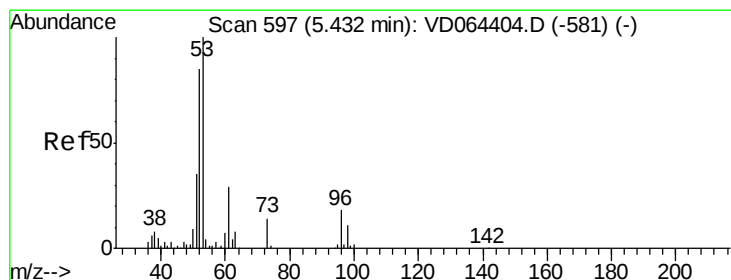
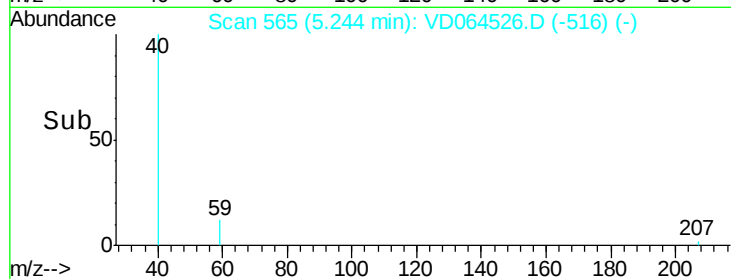
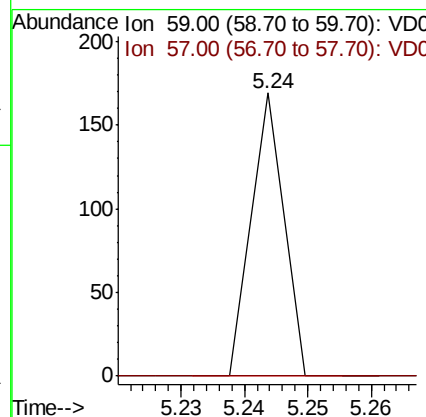
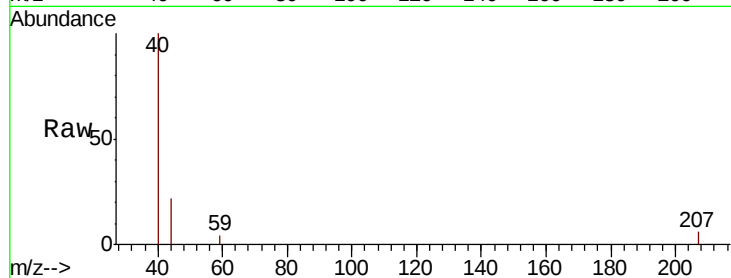


#11

Tert butyl alcohol
 Concen: 4.353 ug/l
 RT: 5.24 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3425

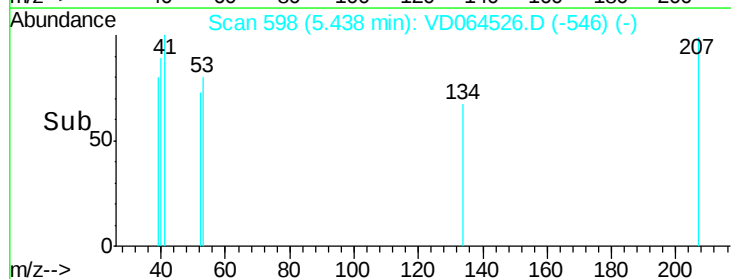
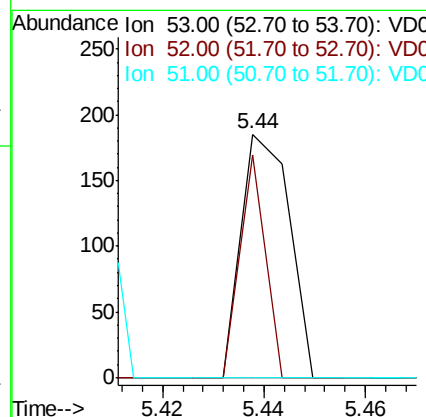
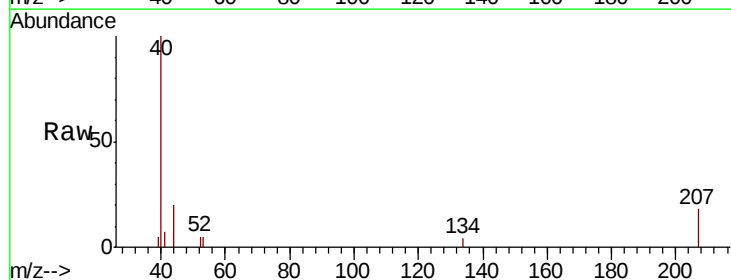
Tgt Ion: 59 Resp: 60
 Ion Ratio Lower Upper
 59 100
 57 0.0 0.0 0.0

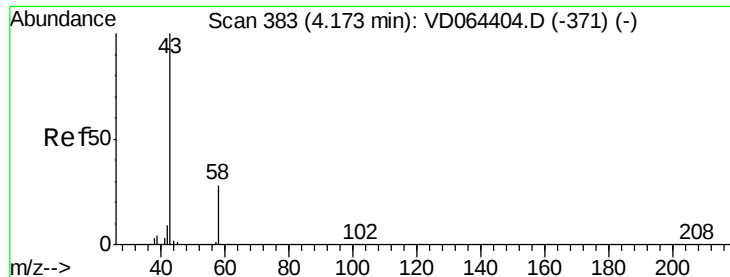


#15

Acrylonitrile
 Concen: 2.580 ug/l
 RT: 5.44 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

Tgt Ion: 53 Resp: 123
 Ion Ratio Lower Upper
 53 100
 52 48.8 67.9 101.9#
 51 0.0 30.6 45.8#





#16

Acetone

Concen: 135.438 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.01 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

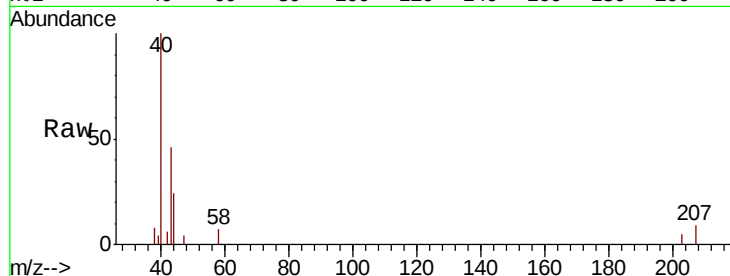
RT-3425

Tgt Ion: 43 Resp: 5926

Ion Ratio Lower Upper

43 100

58 14.9 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

2000

1500

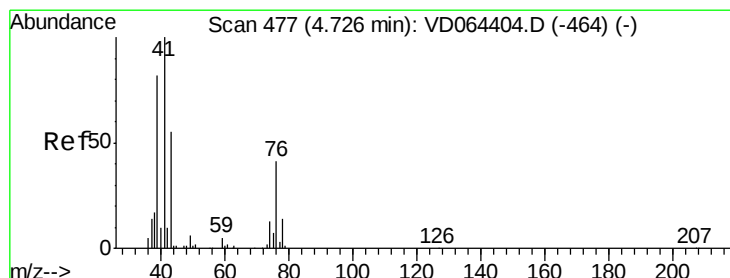
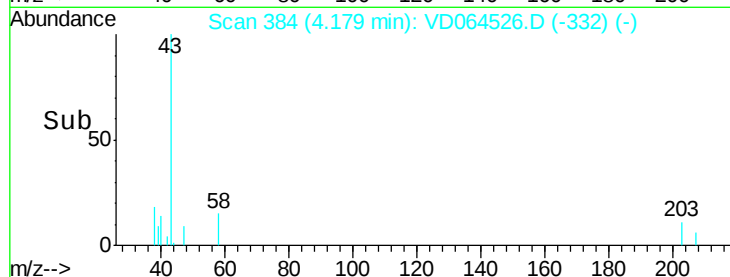
1000

500

0

4.10 4.15 4.20 4.25

Time-->



#18

Methyl Acetate

Concen: 1.097 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD064526.D

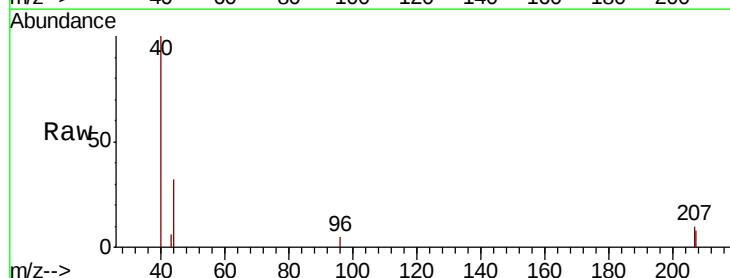
Acq: 16 Dec 2019 16:32

Tgt Ion: 43 Resp: 140

Ion Ratio Lower Upper

43 100

74 0.0 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

200

150

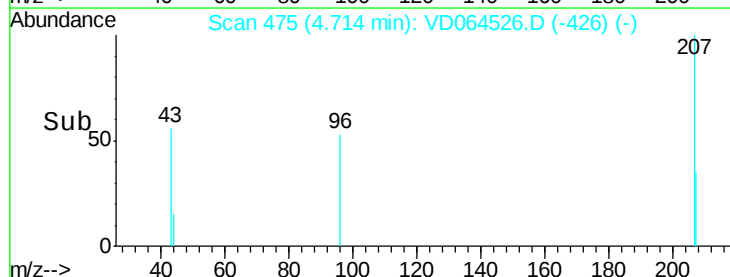
100

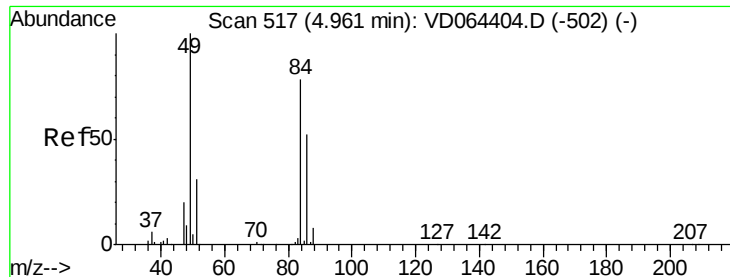
50

0

4.70 4.72

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.96 min Scan# 516

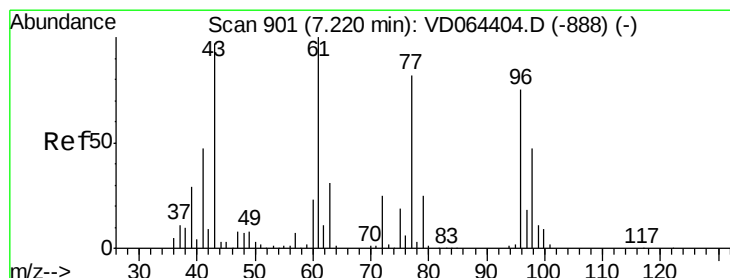
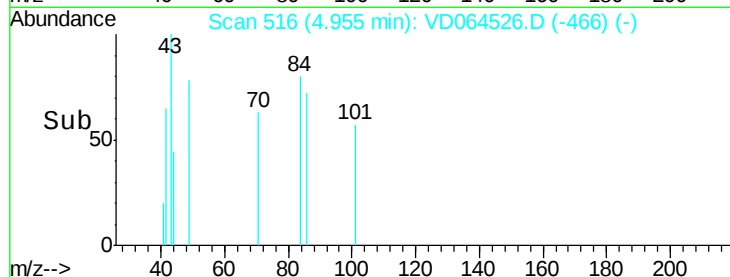
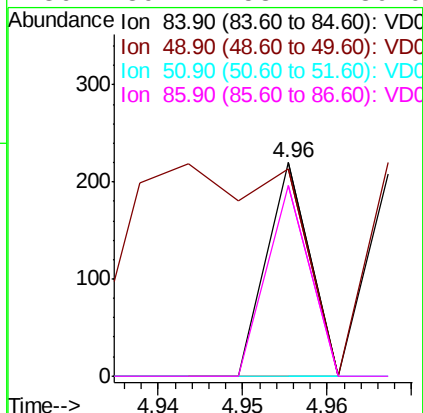
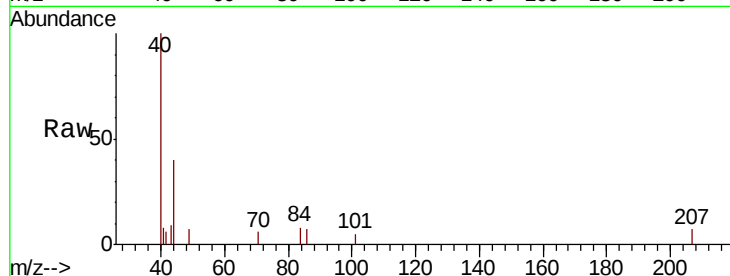
Delta R.T. -0.01 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

Instrument :
MSVOA_D
ClientSampleId :
RT-3425

Tgt Ion:	84	Resp:	78
Ion	Ratio	Lower	Upper
84	100		
49	96.8	102.6	153.8#
51	0.0	32.0	48.0#
86	89.1	53.4	80.0#



#25

2-Butanone

Concen: 11.054 ug/l

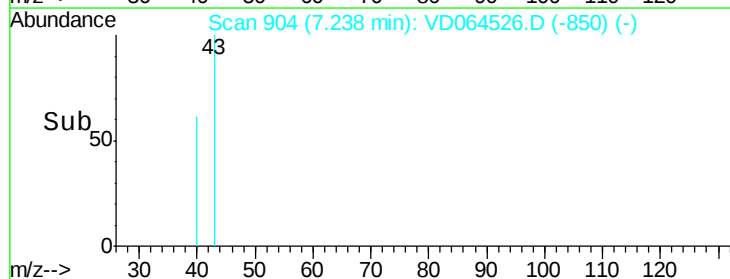
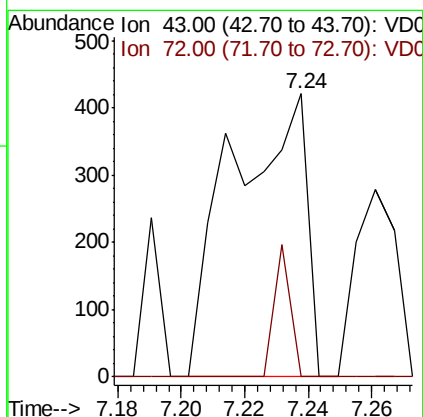
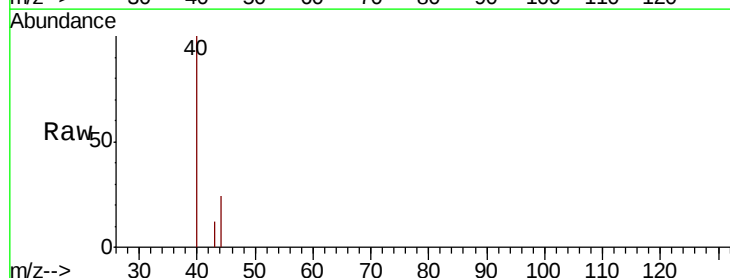
RT: 7.24 min Scan# 904

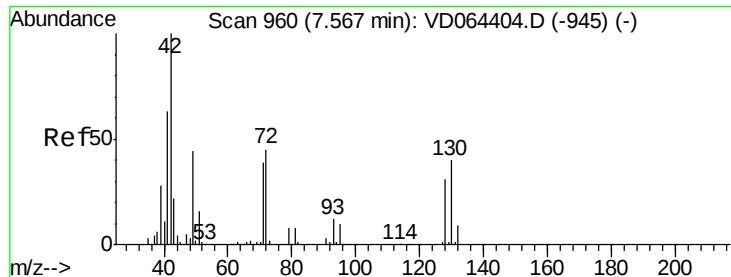
Delta R.T. 0.02 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

Tgt Ion:	43	Resp:	684
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.0	31.4#

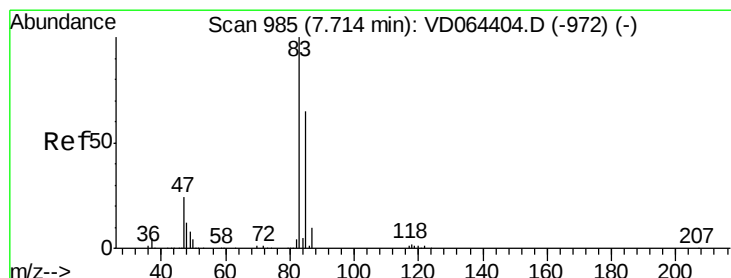
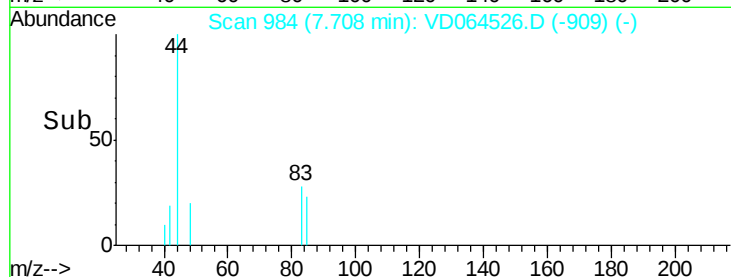
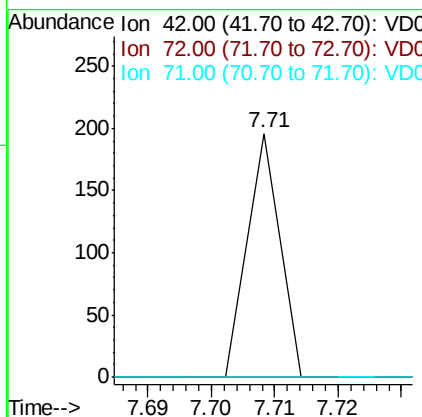
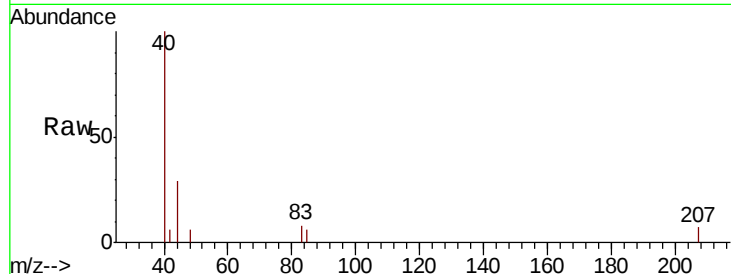




#29
Tetrahydrofuran
Concen: 1.753 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.14 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

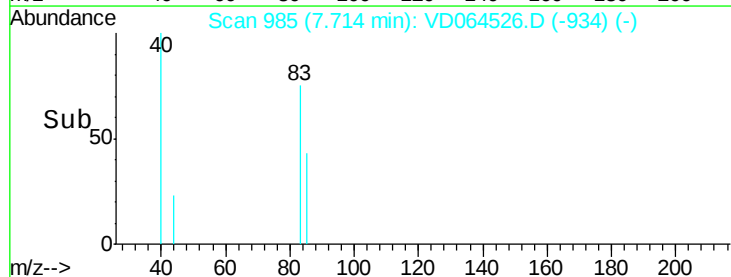
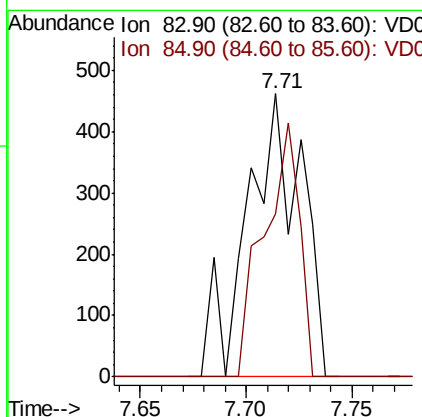
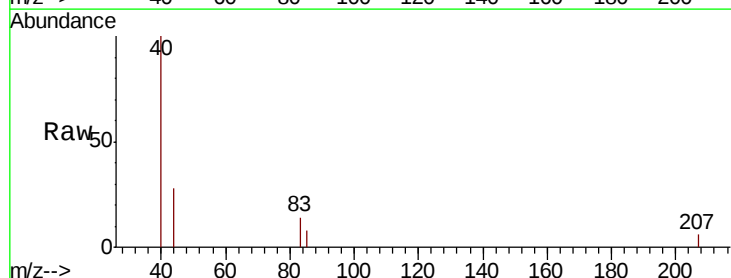
Instrument :
MSVOA_D
ClientSampleId :
RT-3425

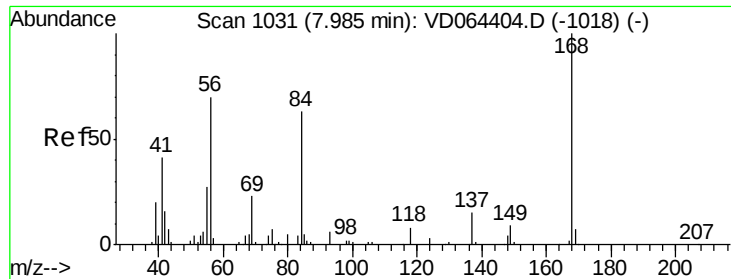
Tgt Ion: 42 Resp: 69
Ion Ratio Lower Upper
42 100
72 0.0 35.8 53.8#
71 0.0 32.7 49.1#



#30
Chloroform
Concen: 1.999 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion: 83 Resp: 827
Ion Ratio Lower Upper
83 100
85 57.6 51.8 77.6

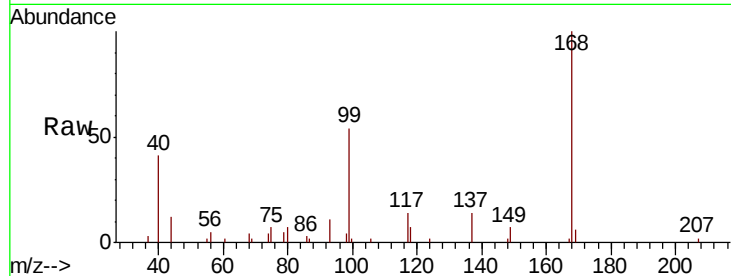




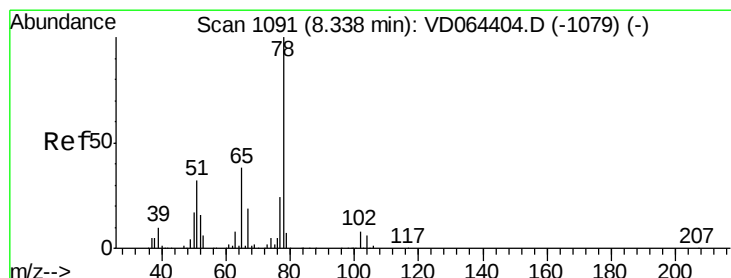
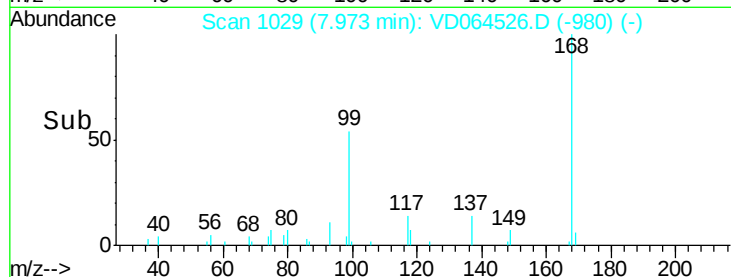
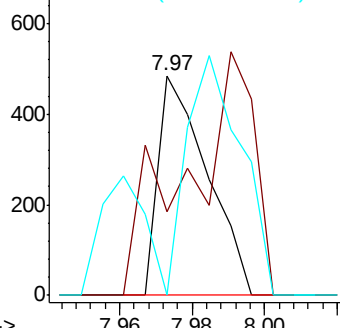
#31
Cyclohexane
Concen: Below Cal
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Instrument :
MSVOA_D
ClientSampleId :
RT-3425

Tgt Ion: 56 Resp: 456
Ion Ratio Lower Upper
56 100
69 38.0 26.2 39.4
84 0.0 70.3 105.5#

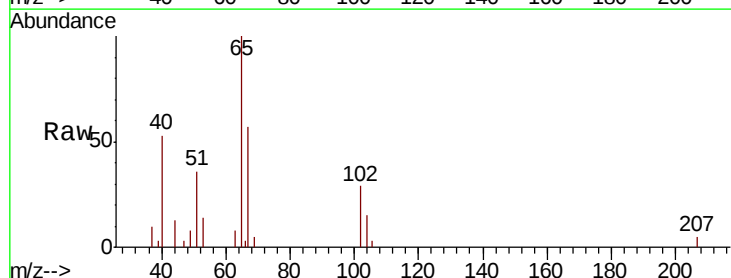


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

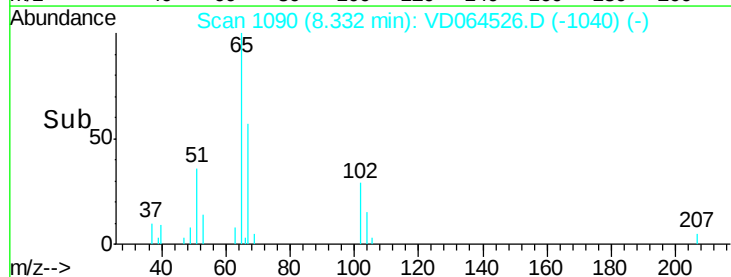
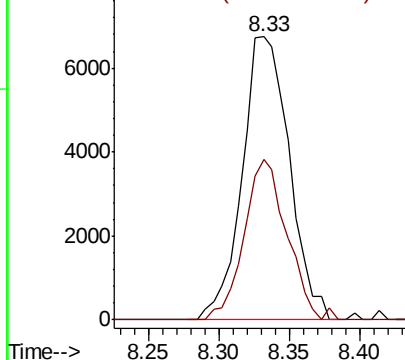


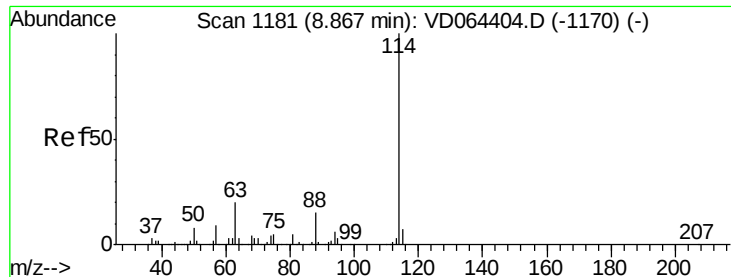
#33
1,2-Dichloroethane-d4
Concen: 73.014 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion: 65 Resp: 15809
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0



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

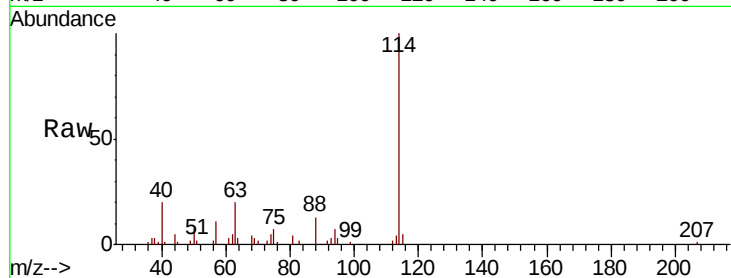




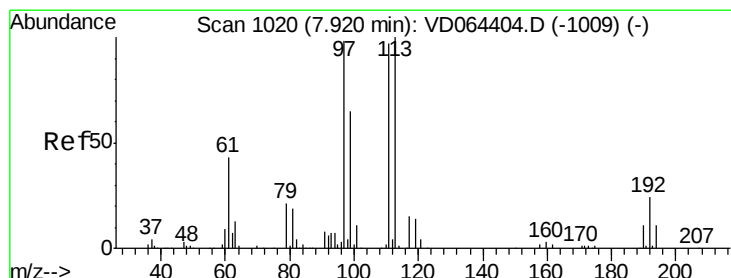
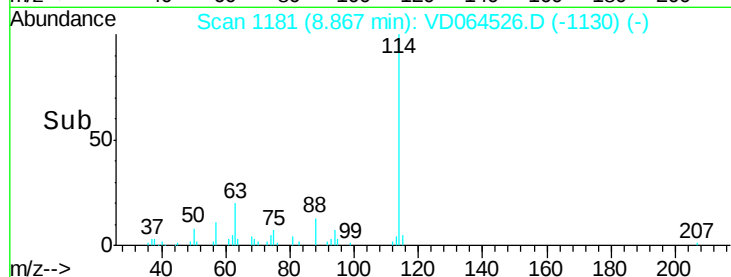
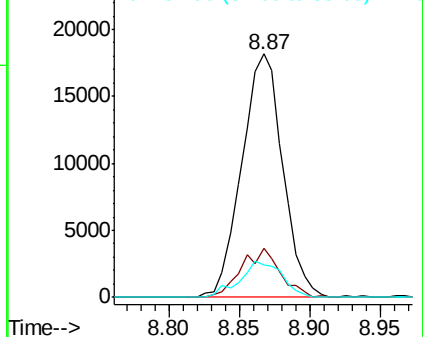
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3425

Tgt Ion:114 Resp: 36901
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 13.2 0.0 29.2

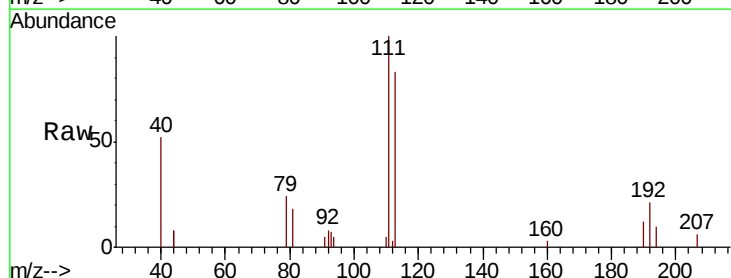


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

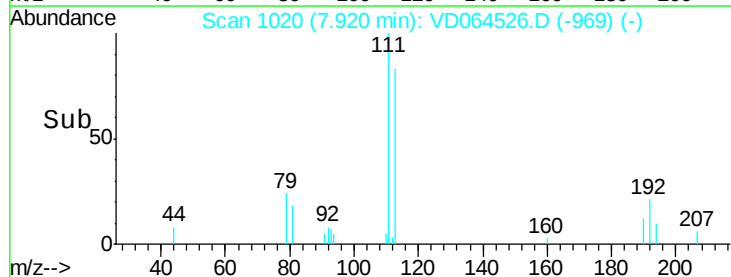
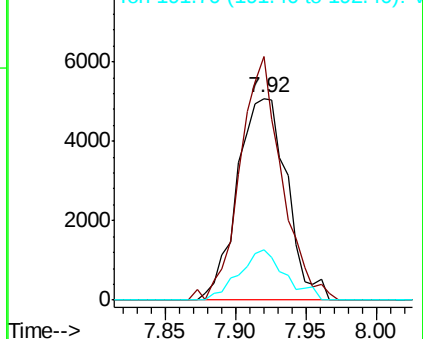


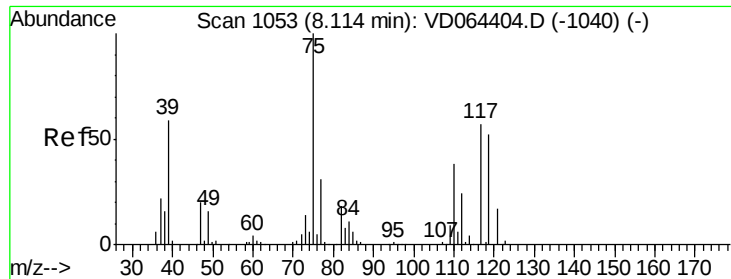
#35
 Dibromofluoromethane
 Concen: 53.825 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

Tgt Ion:113 Resp: 12514
 Ion Ratio Lower Upper
 113 100
 111 101.5 79.4 119.2
 192 23.1 18.6 28.0



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

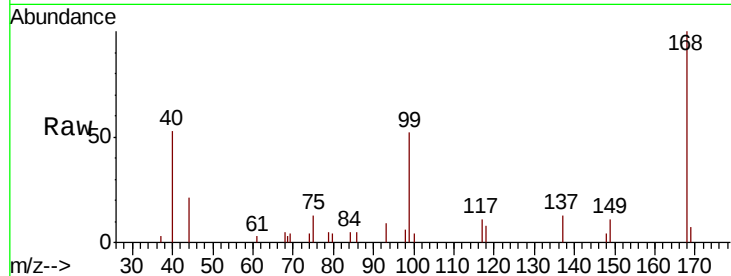




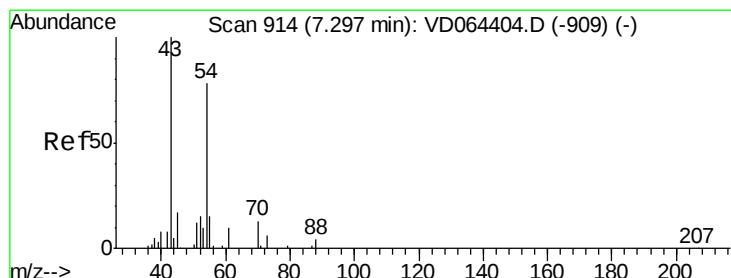
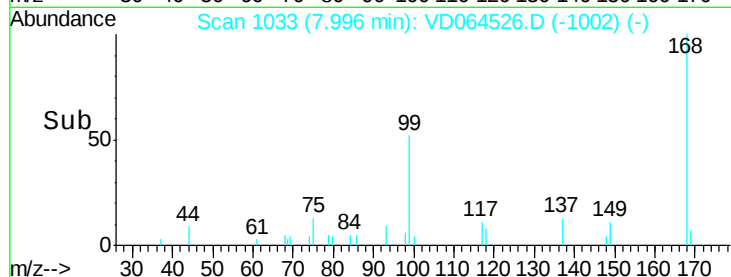
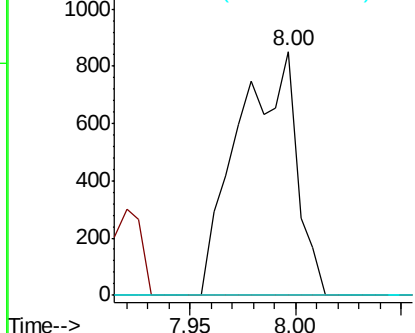
#36
 1,1-Dichloropropene
 Concen: 4.676 ug/l
 RT: 8.00 min Scan# 1033
 Delta R.T. -0.12 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

Instrument :
 MSVOA_D
 ClientSampleID :
 RT-3425

Tgt Ion: 75 Resp: 1632
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.6 55.8#
 77 0.0 25.0 37.4#

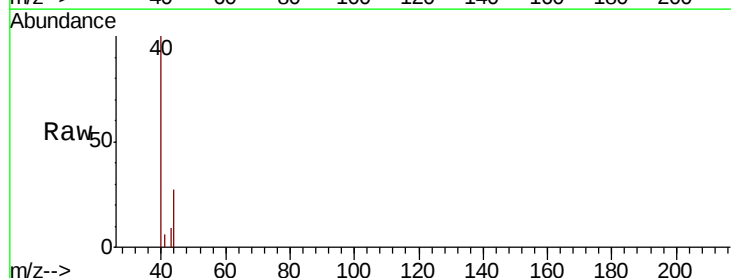


Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.90 (76.60 to 77.60): VDC

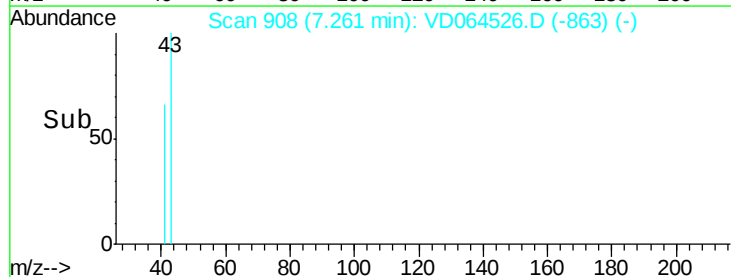
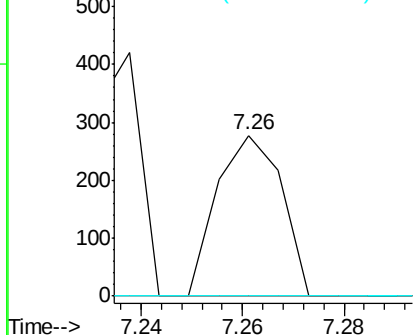


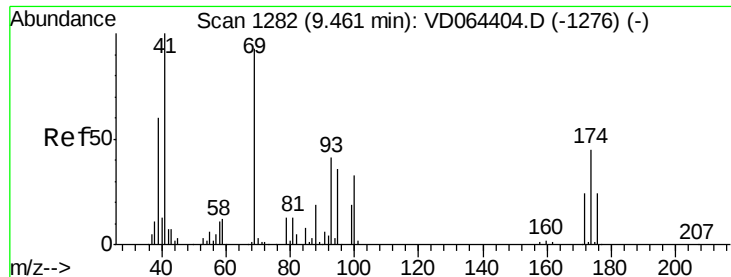
#37
 Ethyl Acetate
 Concen: 1.661 ug/l
 RT: 7.26 min Scan# 908
 Delta R.T. -0.04 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

Tgt Ion: 43 Resp: 246
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.9 16.3#
 70 0.0 8.3 12.5#



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

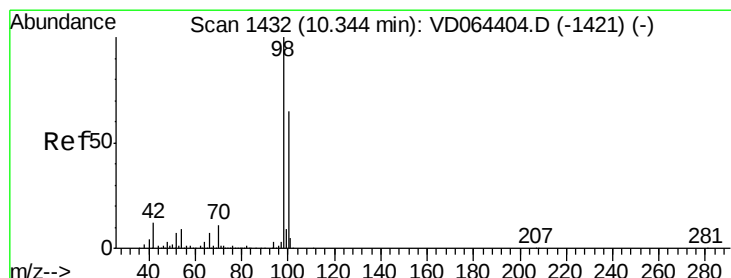
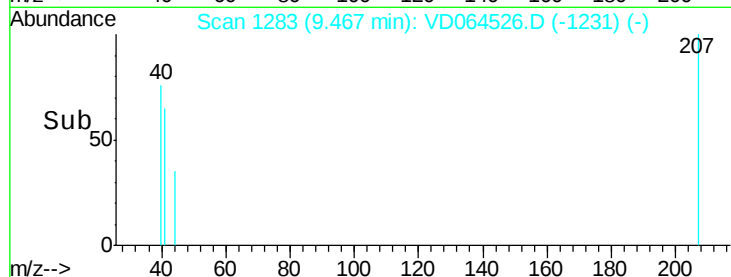
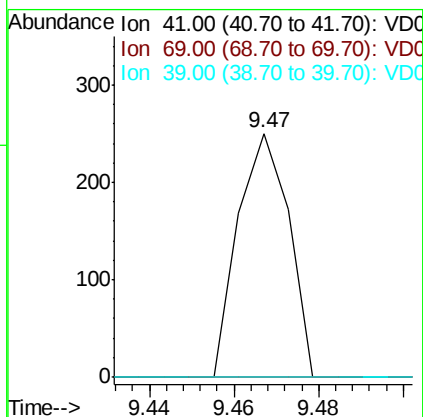
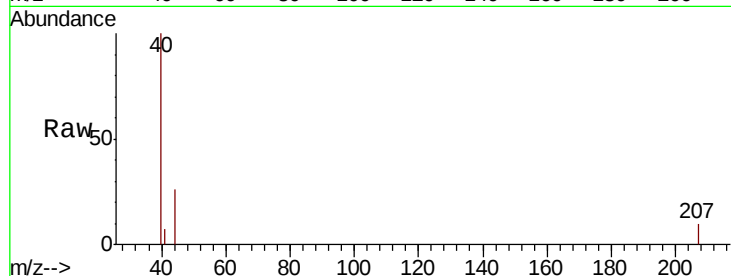




#48
Methyl methacrylate
Concen: 1.568 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

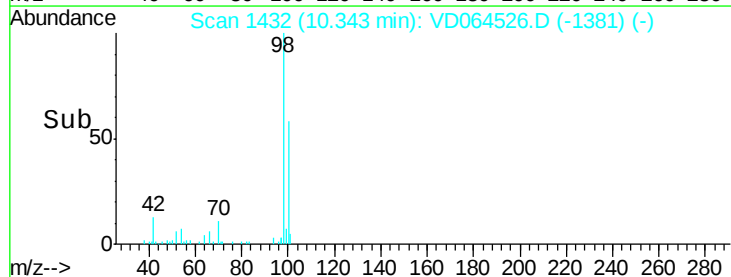
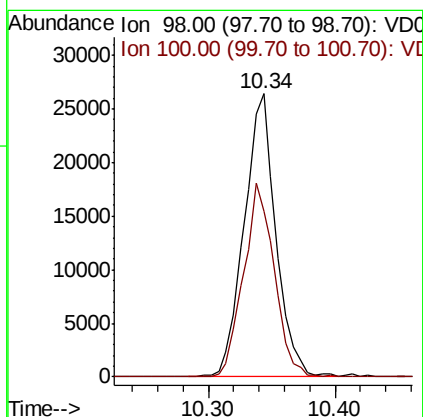
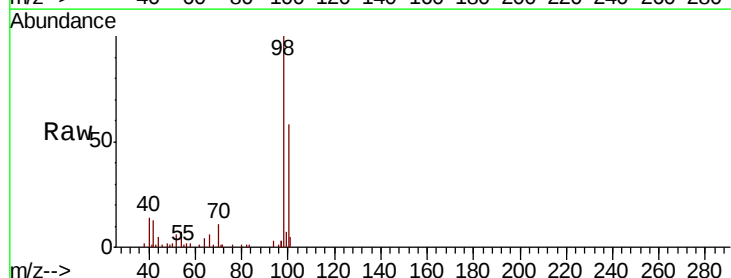
Instrument :
MSVOA_D
ClientSampleId :
RT-3425

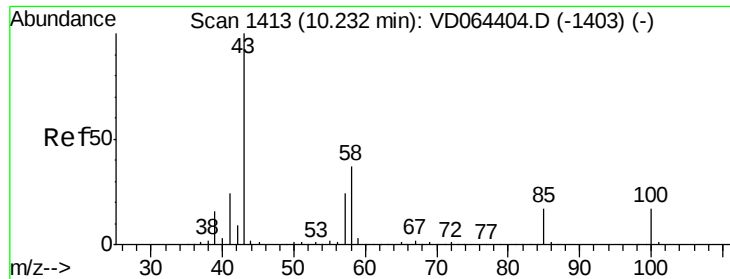
Tgt Ion: 41 Resp: 209
Ion Ratio Lower Upper
41 100
69 0.0 72.0 108.0#
39 0.0 55.2 82.8#



#50
Toluene-d8
Concen: 52.519 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion: 98 Resp: 45995
Ion Ratio Lower Upper
98 100
100 66.1 52.6 79.0

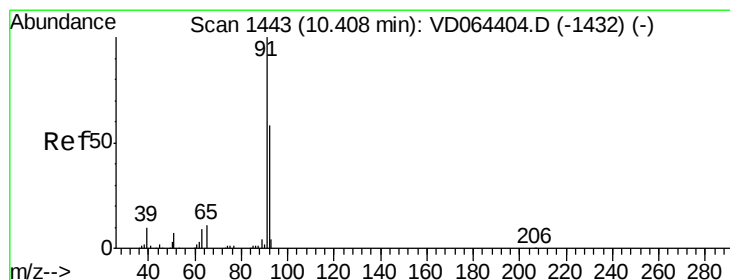
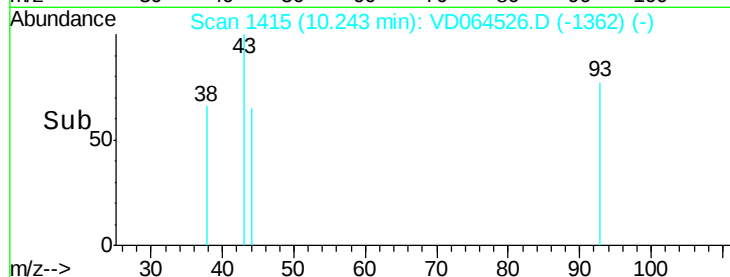
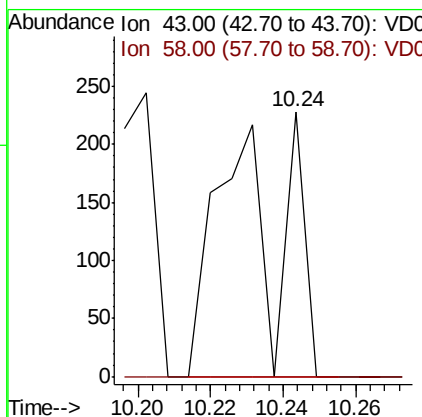
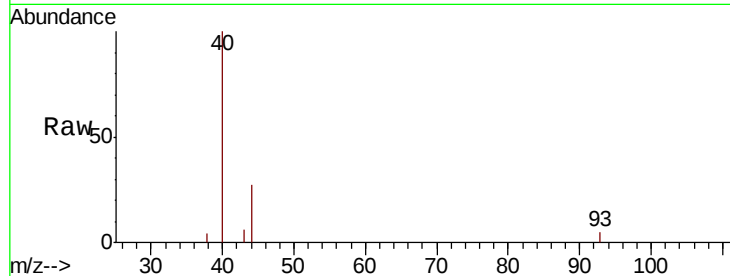




#51
 4-Methyl-2-Pentanone
 Concen: 1.895 ug/l
 RT: 10.24 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

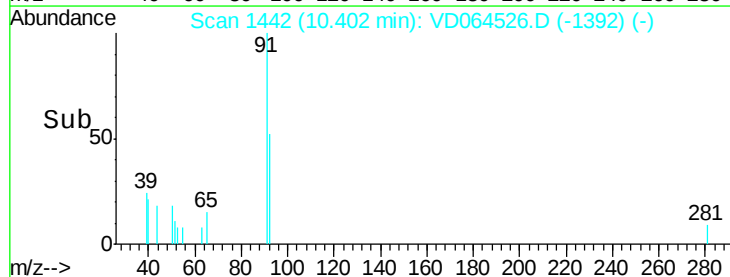
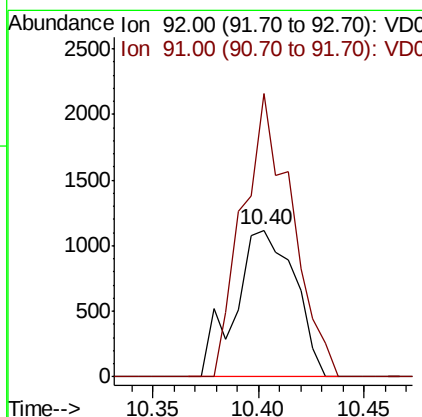
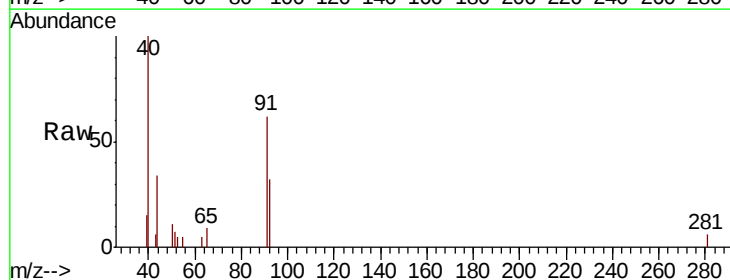
Instrument :
 MSVOA_D
 ClientSampleID :
 RT-3425

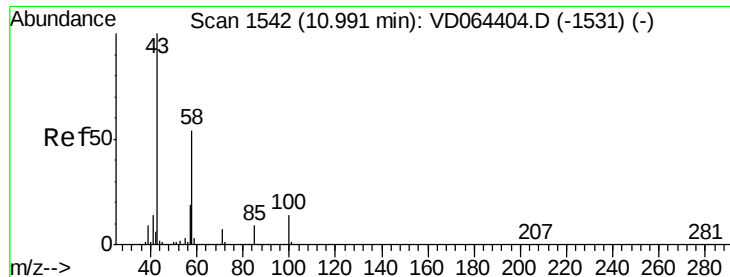
Tgt Ion: 43 Resp: 273
 Ion Ratio Lower Upper
 43 100
 58 0.0 30.6 46.0#



#52
 Toluene
 Concen: 3.484 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

Tgt Ion: 92 Resp: 2201
 Ion Ratio Lower Upper
 92 100
 91 159.2 137.8 206.6

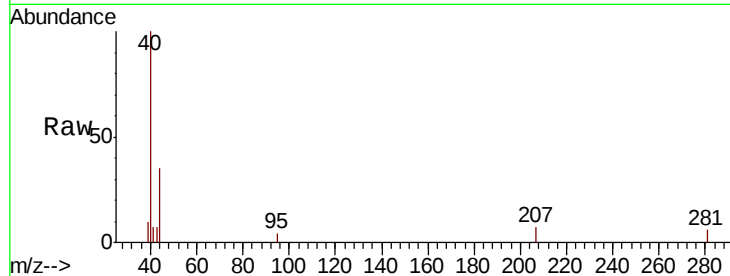




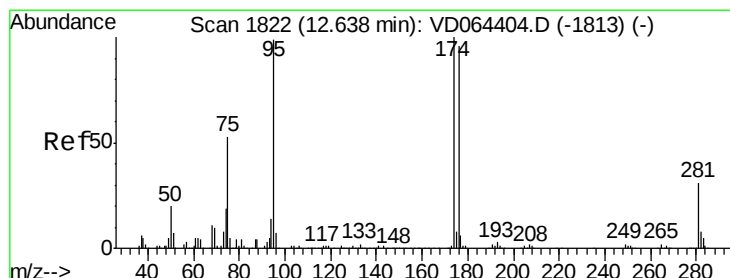
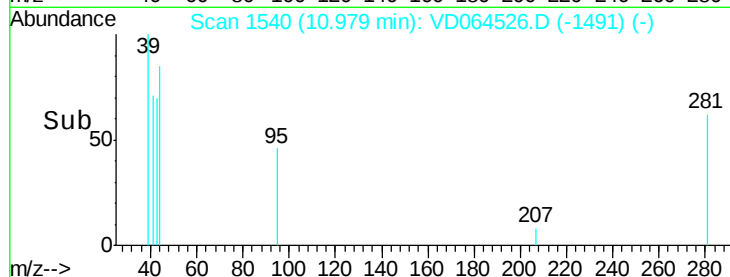
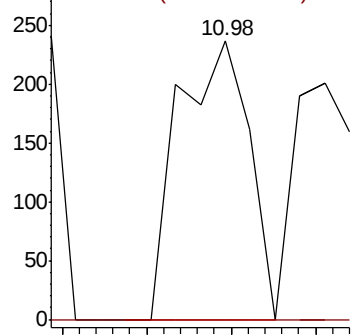
#59
2-Hexanone
Concen: 2.761 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Instrument :
MSVOA_D
ClientSampleId :
RT-3425

Tgt Ion: 43 Resp: 276
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.8#

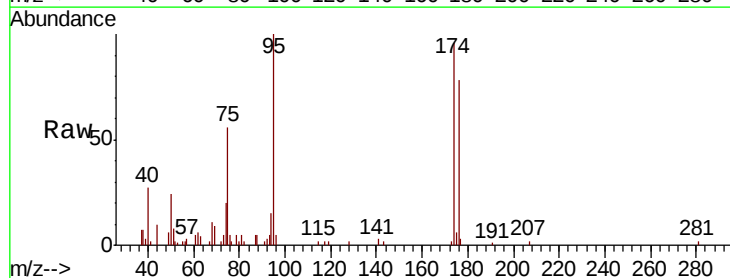


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

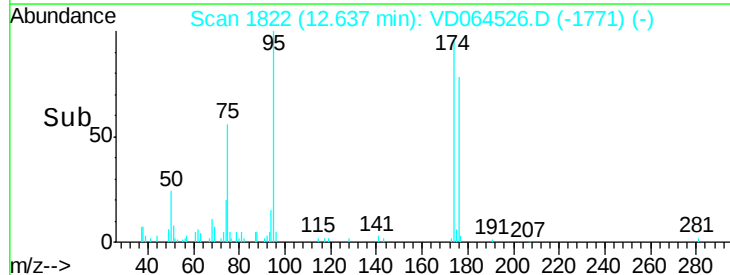
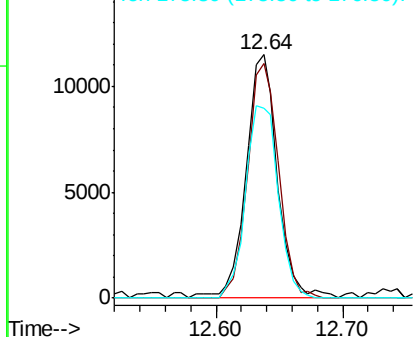


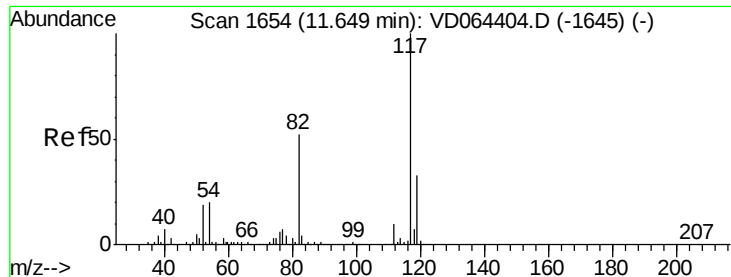
#62
4-Bromofluorobenzene
Concen: 70.158 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion: 95 Resp: 19746
Ion Ratio Lower Upper
95 100
174 95.1 0.0 197.2
176 82.5 0.0 189.6



Abundance Ion 94.90 (94.60 to 95.60): VDC
Ion 173.80 (173.50 to 174.50): VDC
Ion 175.80 (175.50 to 176.50): VDC

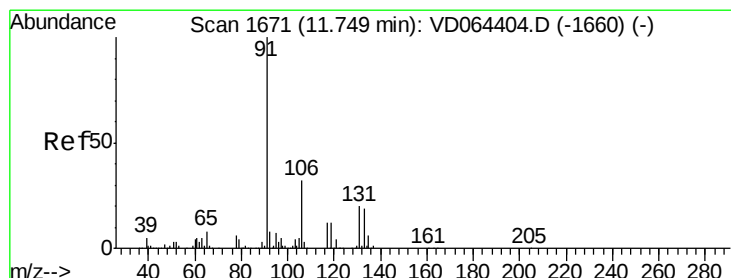
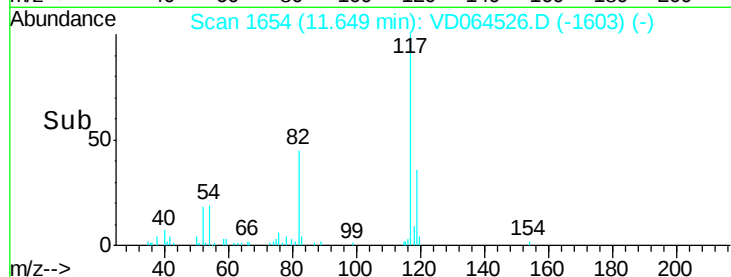
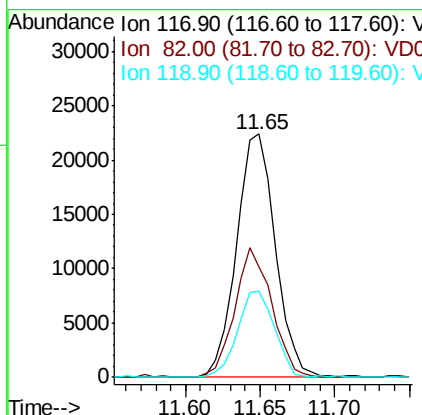
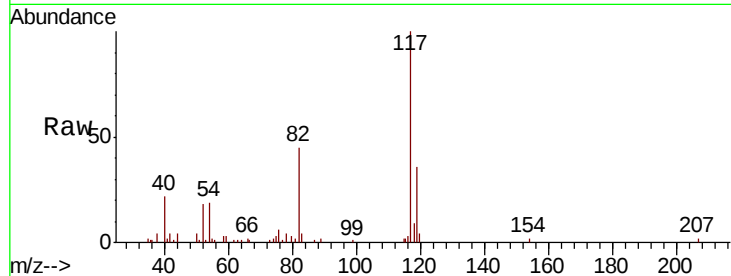




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

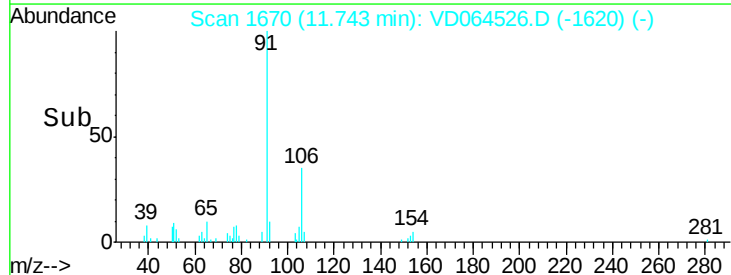
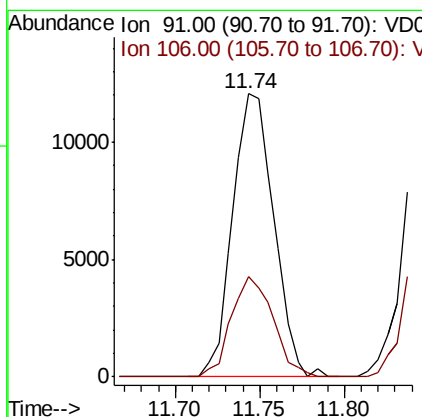
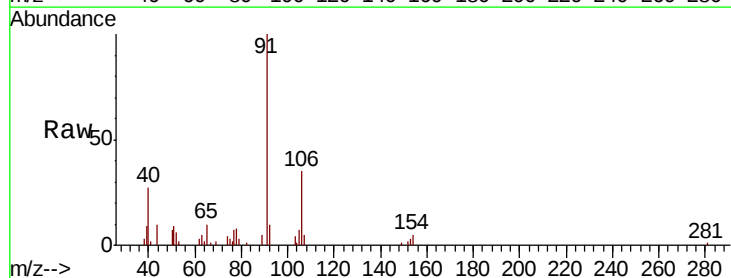
Instrument :
MSVOA_D
ClientSampleId :
RT-3425

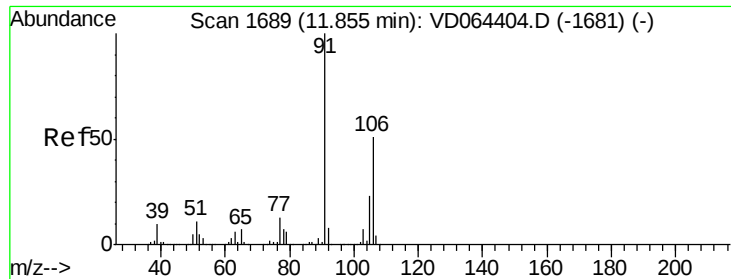
Tgt Ion: 117 Resp: 40381
Ion Ratio Lower Upper
117 100
82 45.4 41.4 62.2
119 35.5 26.2 39.2



#67
Ethyl Benzene
Concen: 13.659 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion: 91 Resp: 20468
Ion Ratio Lower Upper
91 100
106 35.3 25.8 38.8

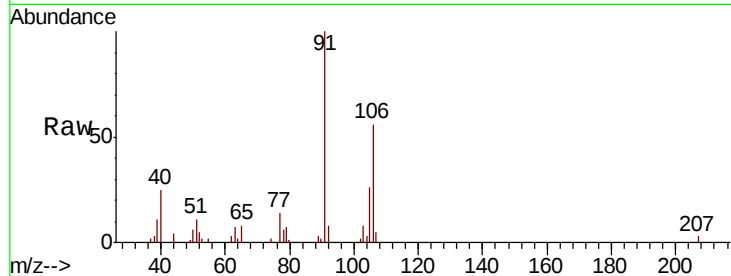




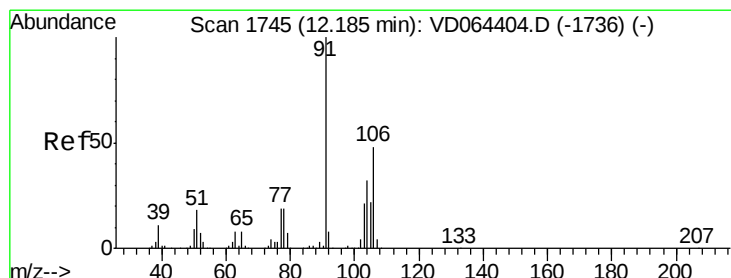
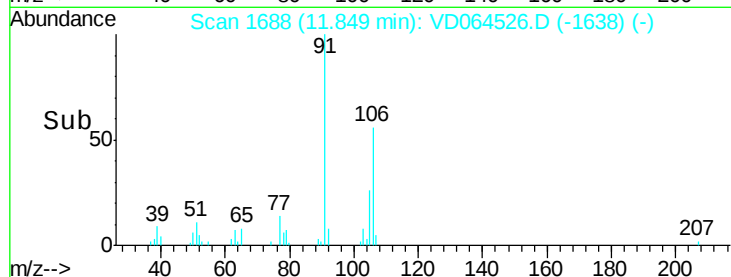
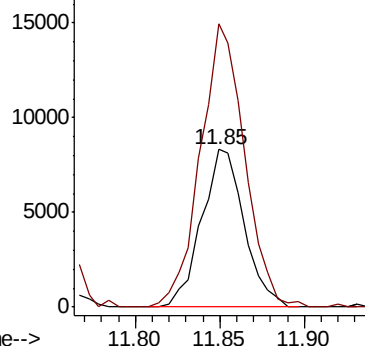
#68
m/p-Xylenes
Concen: 25.576 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Instrument :
MSVOA_D
ClientSampleId :
RT-3425

Tgt Ion:106 Resp: 14613
Ion Ratio Lower Upper
106 100
91 186.4 157.4 236.2

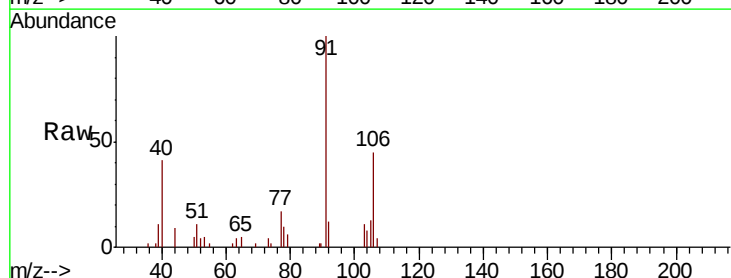


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

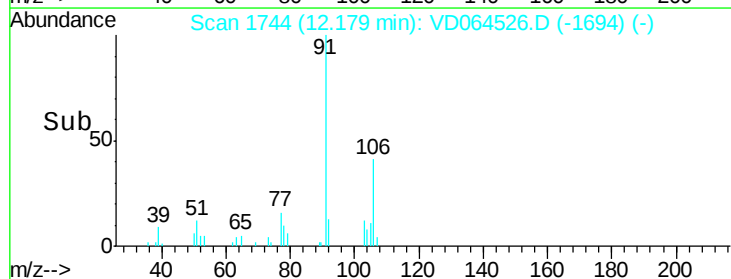
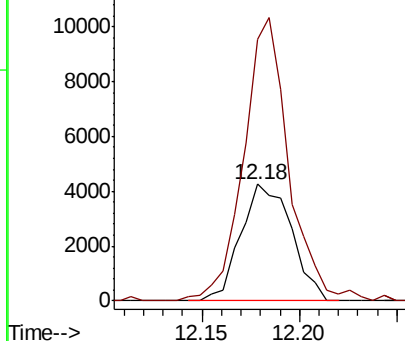


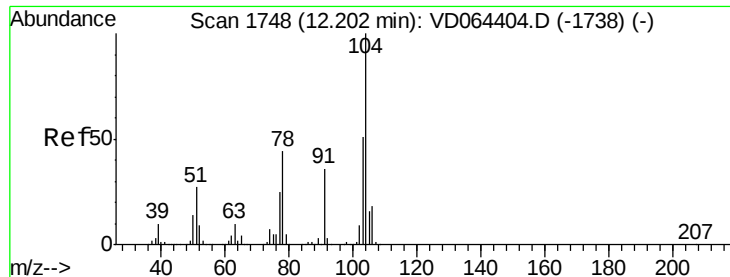
#69
o-Xylene
Concen: 14.473 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion:106 Resp: 7637
Ion Ratio Lower Upper
106 100
91 217.9 103.8 311.4



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





#70

Styrene

Concen: 6.922 ug/l

RT: 12.20 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

RT-3425

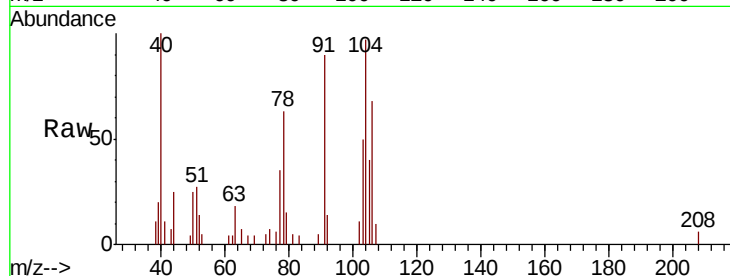
Tgt Ion:104 Resp: 6347

Ion Ratio Lower Upper

104 100

78 64.7 38.8 58.2#

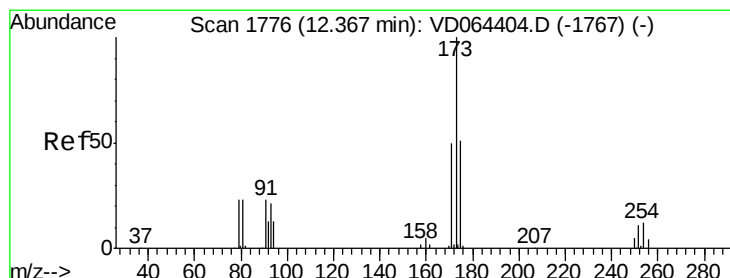
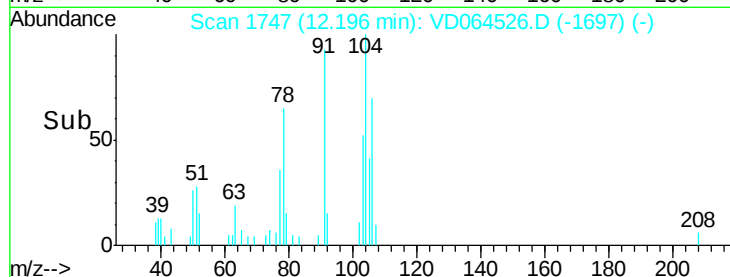
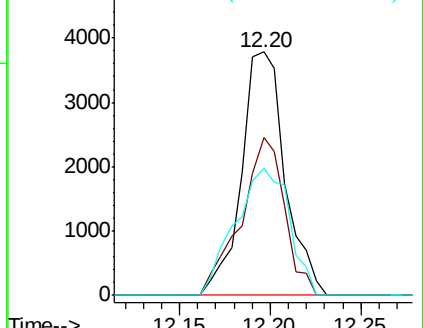
103 64.5 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 1.394 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.26 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

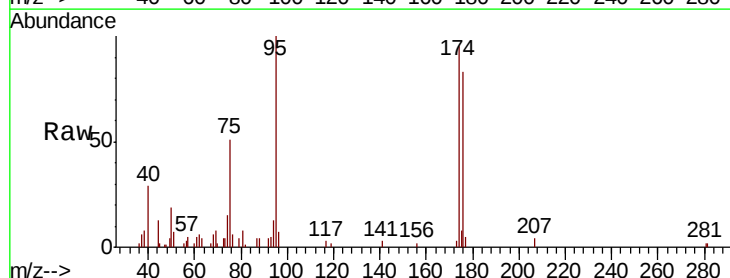
Tgt Ion:173 Resp: 260

Ion Ratio Lower Upper

173 100

175 373.1 25.3 75.8#

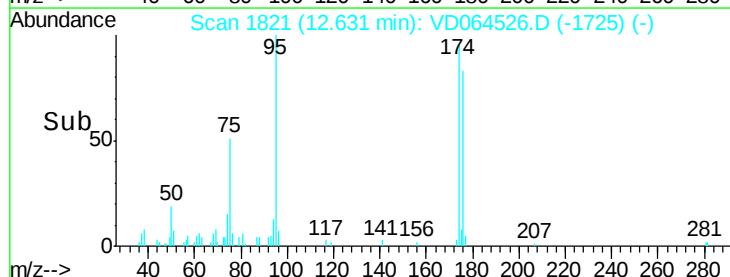
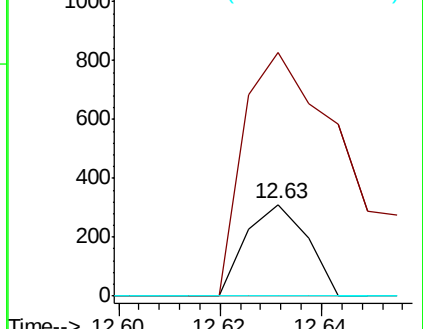
254 0.0 0.0 0.0

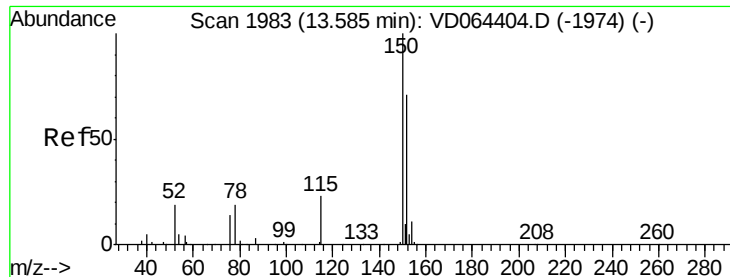


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



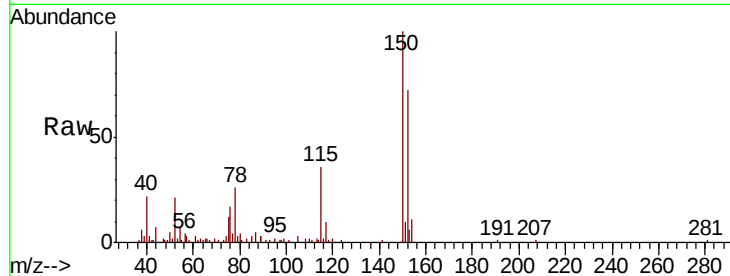


#72

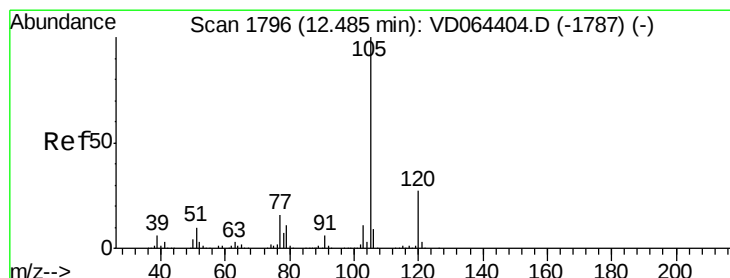
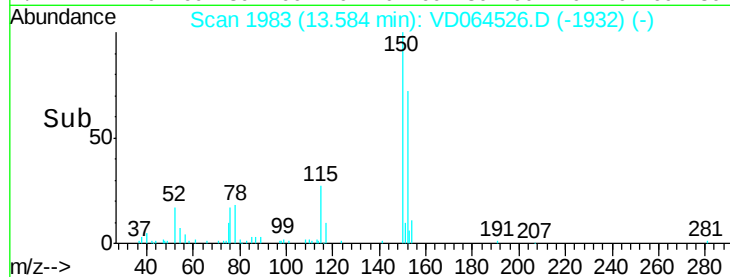
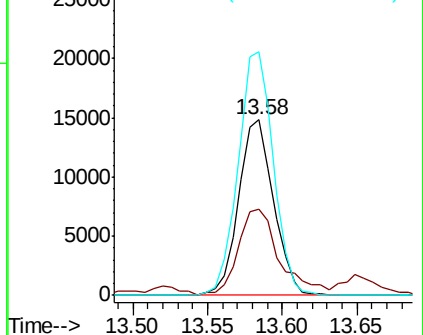
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Instrument :
MSVOA_D
ClientSampleId :
RT-3425

Tgt Ion:152 Resp: 24140
Ion Ratio Lower Upper
152 100
115 58.6 26.7 80.1
150 138.8 0.0 347.2



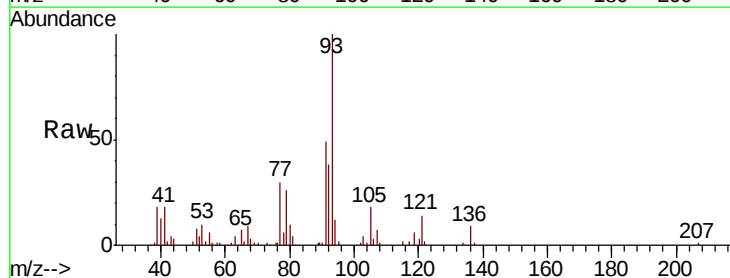
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



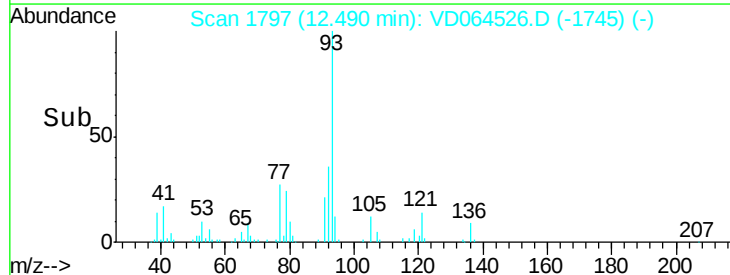
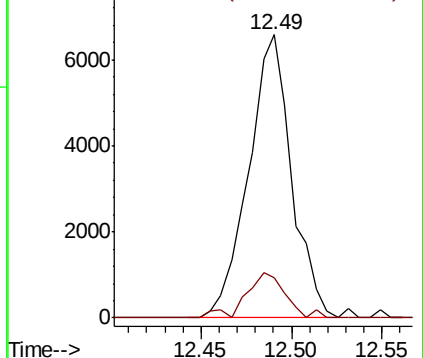
#73

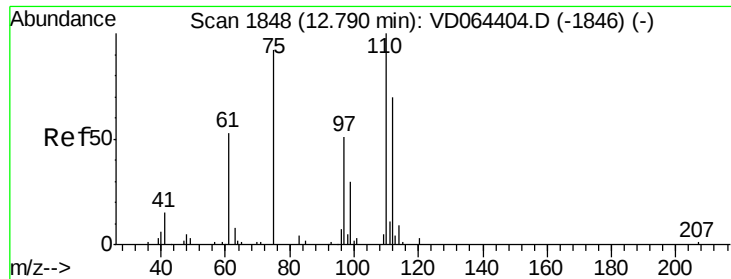
Isopropylbenzene
Concen: 6.253 ug/l
RT: 12.49 min Scan# 1797
Delta R.T. 0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion:105 Resp: 10857
Ion Ratio Lower Upper
105 100
120 14.8 13.4 40.2



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





#76

1,2,3-Trichloropropane

Concen: 2.876 ug/l

RT: 12.89 min Scan# 1865

Delta R.T. 0.10 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

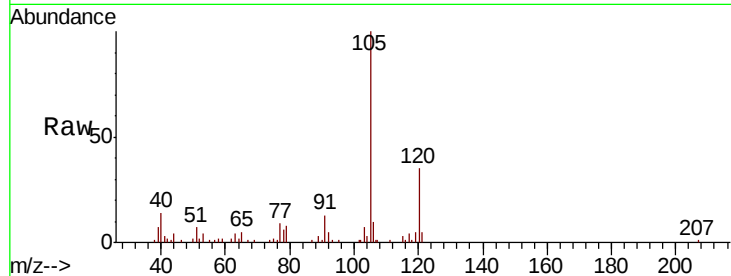
RT-3425

Tgt Ion: 75 Resp: 571

Ion Ratio Lower Upper

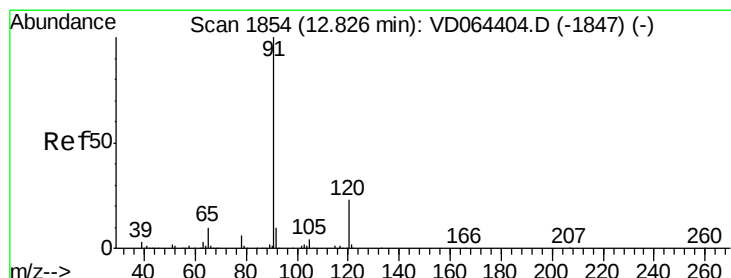
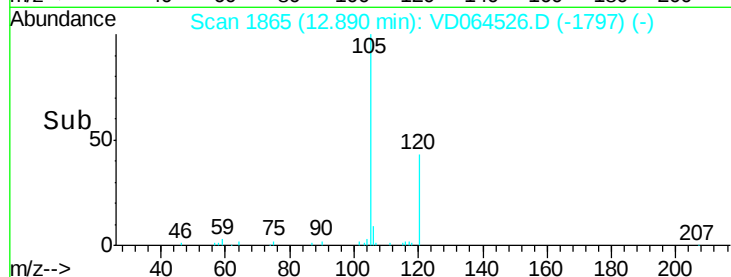
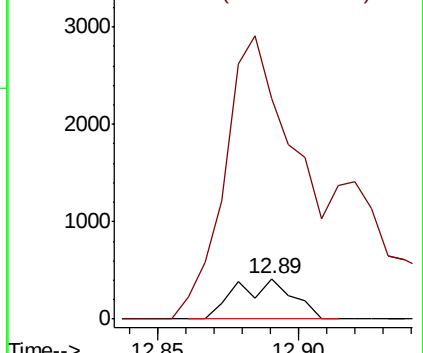
75 100

77 884.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#78

n-propylbenzene

Concen: 1.503 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD064526.D

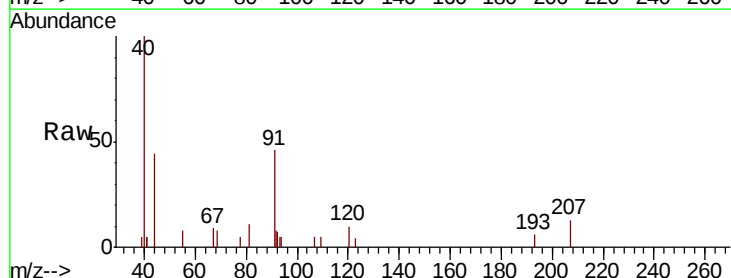
Acq: 16 Dec 2019 16:32

Tgt Ion: 91 Resp: 3010

Ion Ratio Lower Upper

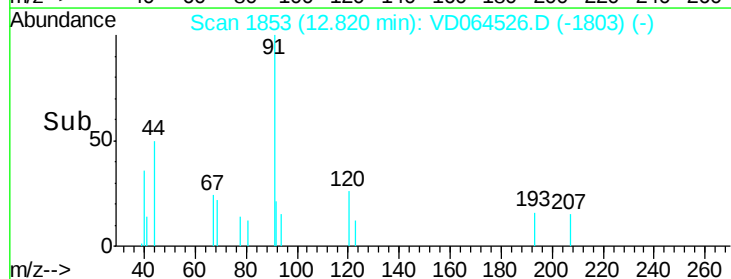
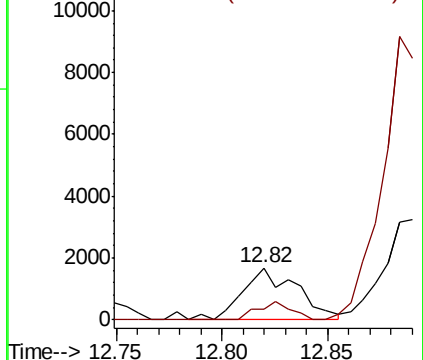
91 100

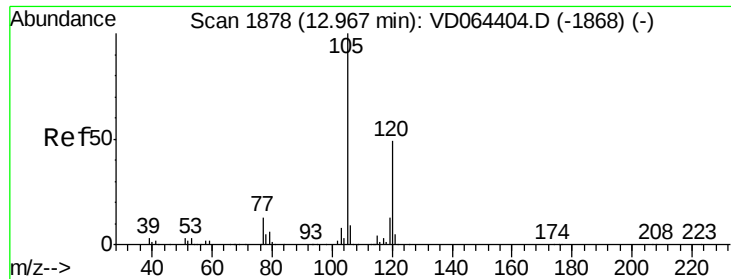
120 0.0 11.9 35.9#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): VDC

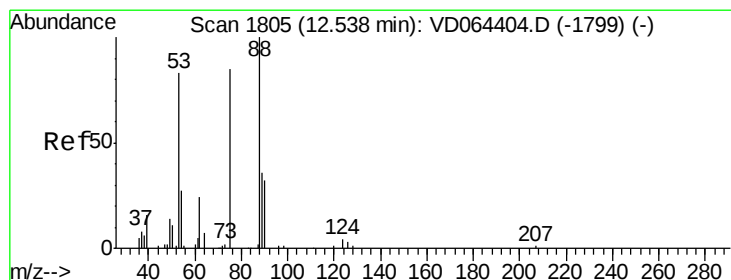
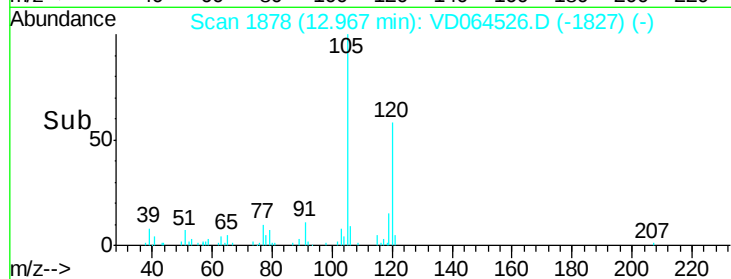
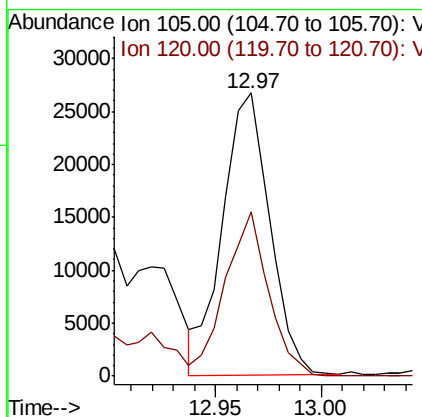
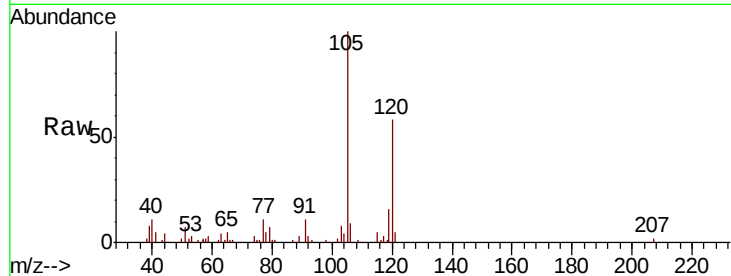




#80
 1,3,5-Trimethylbenzene
 Concen: 29.038 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

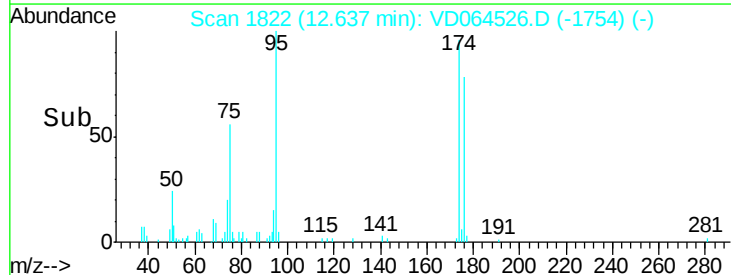
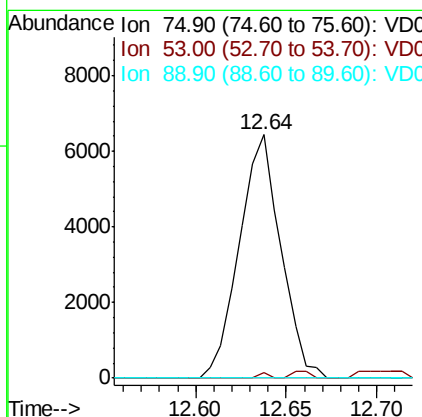
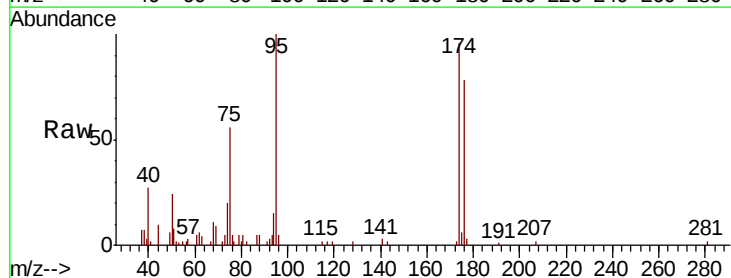
Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3425

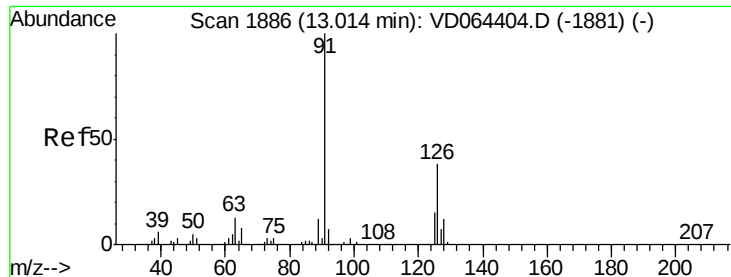
Tgt Ion: 105 Resp: 41199
 Ion Ratio Lower Upper
 105 100
 120 53.6 25.1 75.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.333 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

Tgt Ion: 75 Resp: 10227
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.0 121.6#
 89 0.0 38.5 57.7#

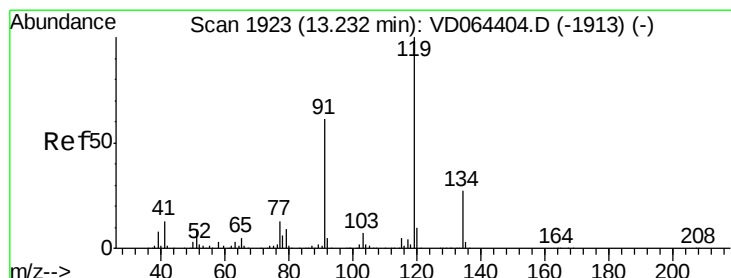
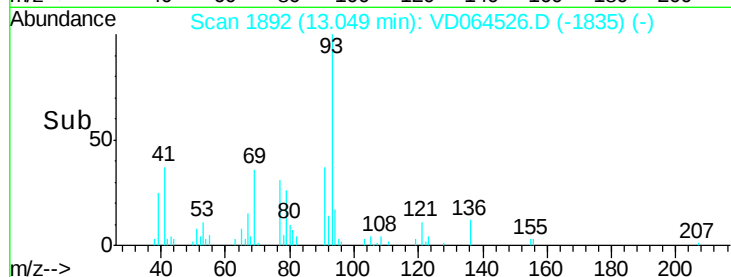
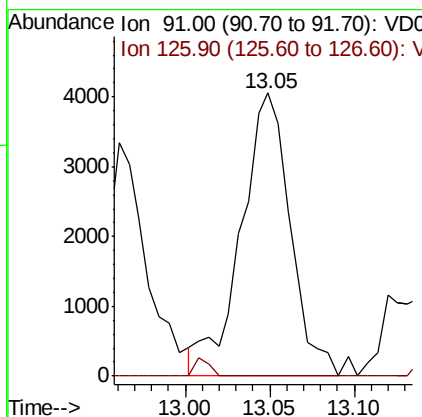
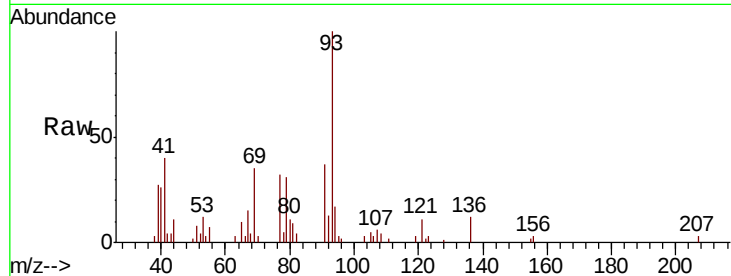




#82
4-Chlorotoluene
Concen: 7.048 ug/l
RT: 13.05 min Scan# 1892
Delta R.T. 0.04 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

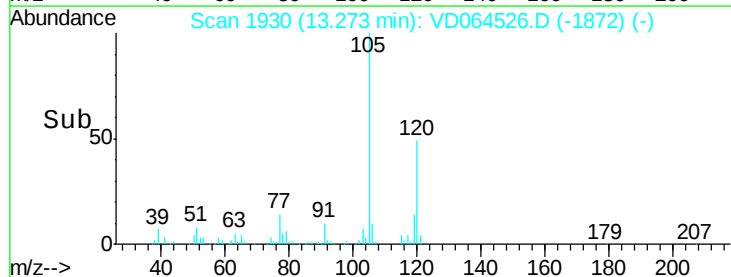
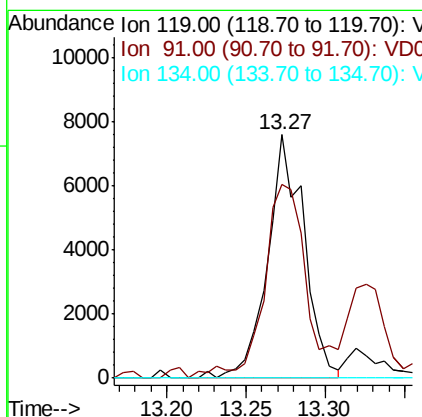
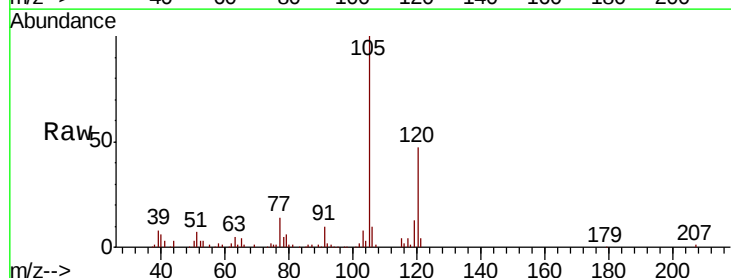
Instrument :
MSVOA_D
ClientSampleId :
RT-3425

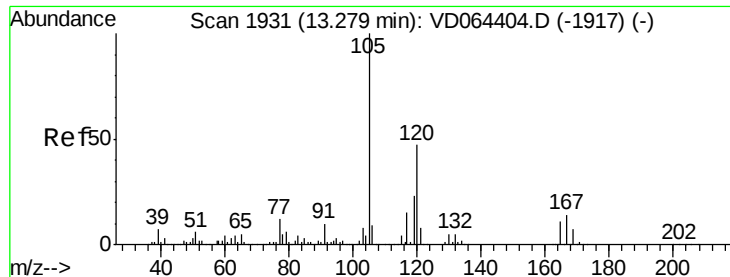
Tgt Ion: 91 Resp: 8225
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#83
tert-Butylbenzene
Concen: 9.817 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.04 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion: 119 Resp: 12109
Ion Ratio Lower Upper
119 100
91 93.0 31.2 93.6
134 0.0 13.9 41.7#

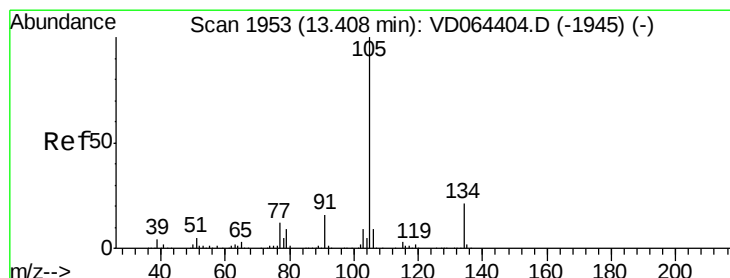
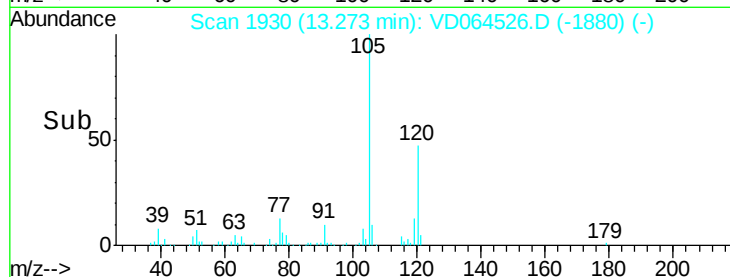
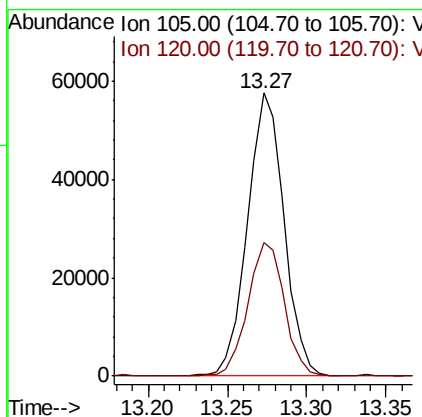
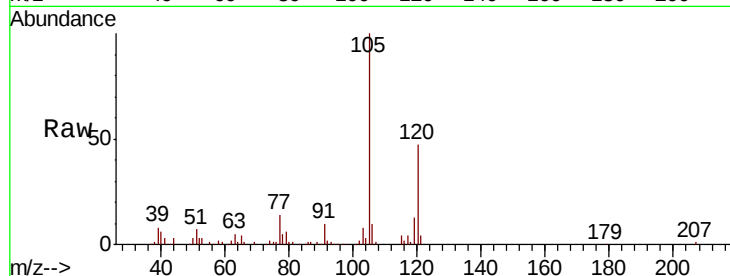




#84
1,2,4-Trimethylbenzene
Concen: 64.611 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.01 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

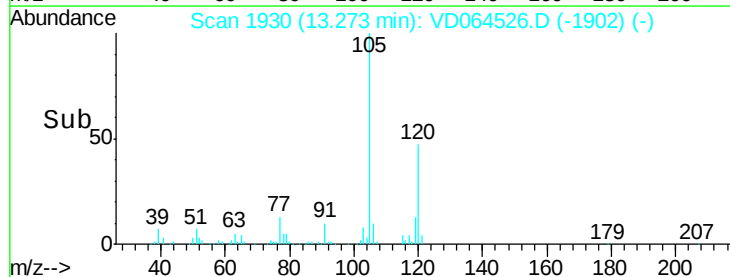
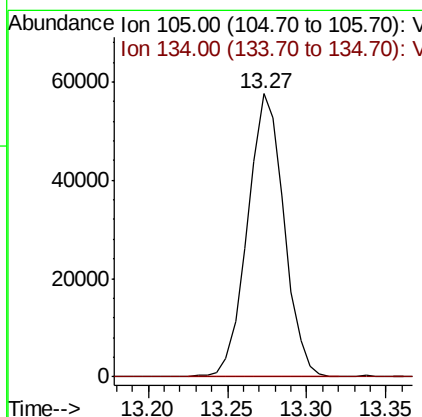
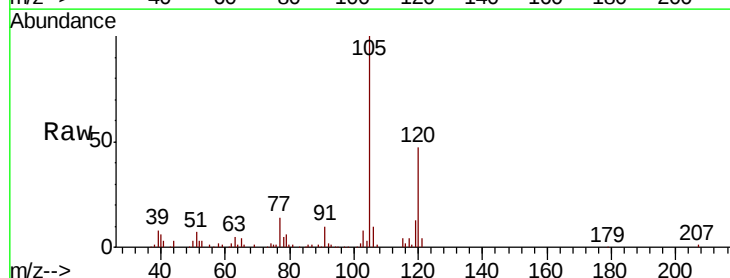
Instrument :
MSVOA_D
ClientSampleId :
RT-3425

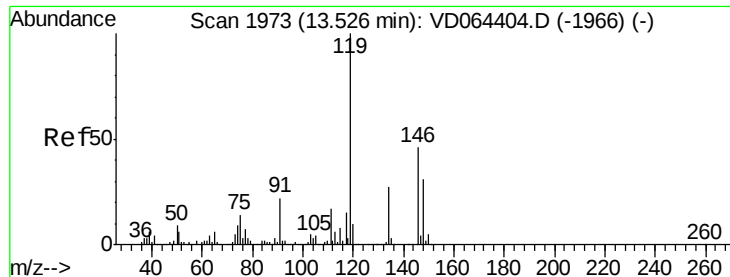
Tgt Ion:105 Resp: 92176
Ion Ratio Lower Upper
105 100
120 47.3 23.6 70.8



#85
sec-Butylbenzene
Concen: 54.448 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.14 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion:105 Resp: 92176
Ion Ratio Lower Upper
105 100
134 0.0 10.5 31.5#

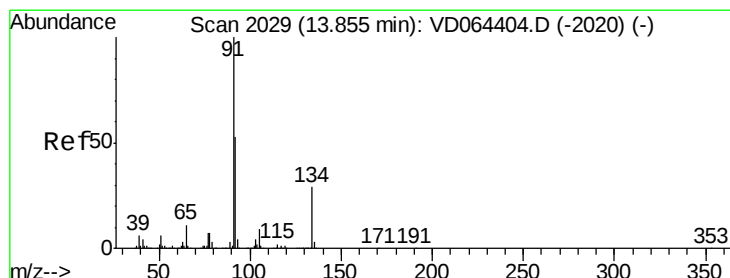
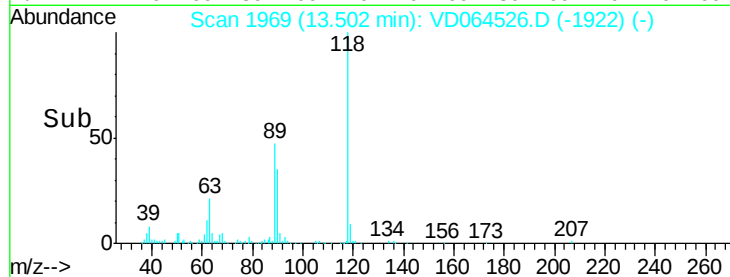
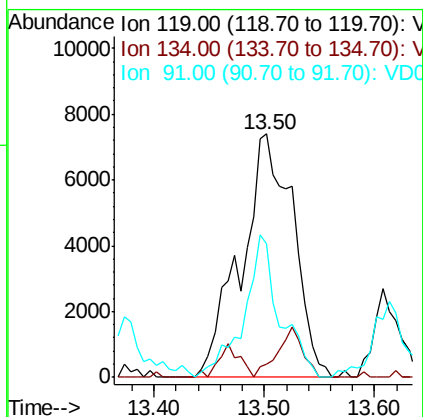
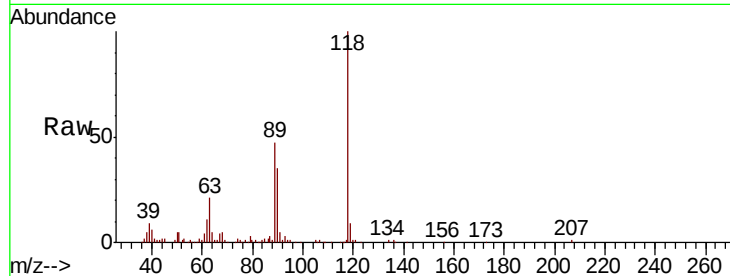




#86
p-Isopropyltoluene
Concen: 15.210 ug/l
RT: 13.50 min Scan# 1969
Delta R.T. -0.02 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

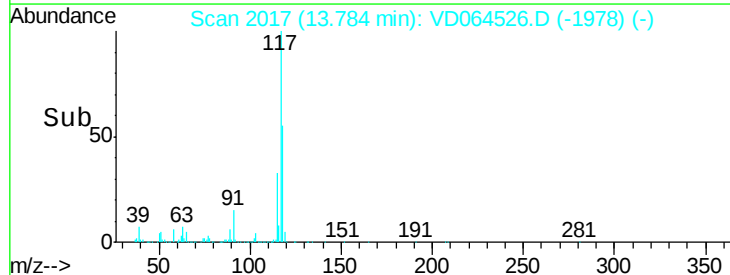
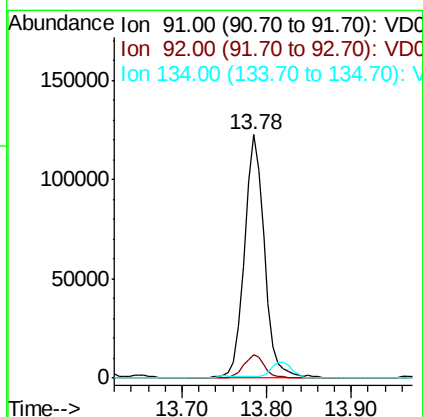
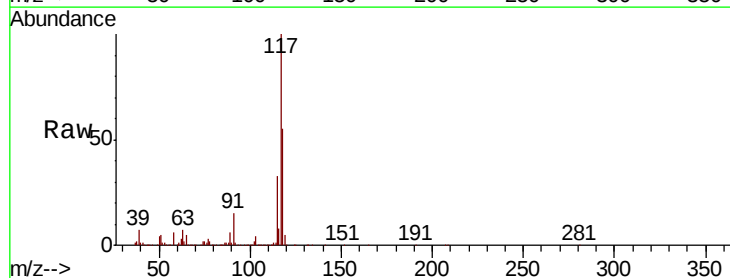
Instrument :
MSVOA_D
ClientSampleId :
RT-3425

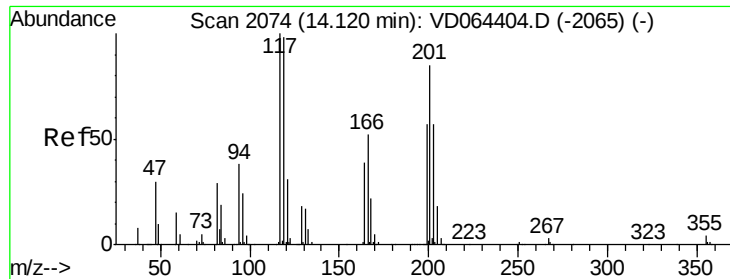
Tgt Ion:119 Resp: 24309
Ion Ratio Lower Upper
119 100
134 0.0 13.5 40.4#
91 40.7 11.2 33.5#



#89
n-Butylbenzene
Concen: 139.211 ug/l
RT: 13.78 min Scan# 2017
Delta R.T. -0.07 min
Lab File: VD064526.D
Acq: 16 Dec 2019 16:32

Tgt Ion: 91 Resp: 202053
Ion Ratio Lower Upper
91 100
92 9.9 26.5 79.4#
134 0.6 13.9 41.7#





#90

Hexachloroethane

Concen: 18.887 ug/l

RT: 14.19 min Scan# 2086

Delta R.T. 0.07 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

Instrument :

MSVOA_D

ClientSampleId :

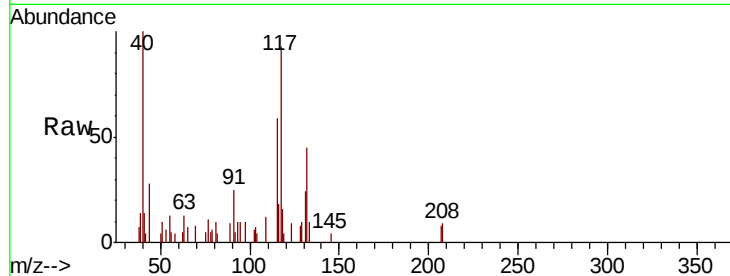
RT-3425

Tgt Ion:117 Resp: 5646

Ion Ratio Lower Upper

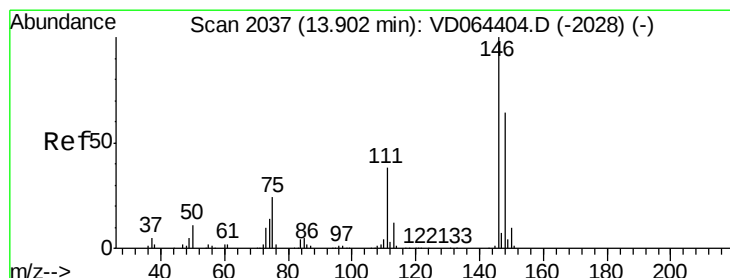
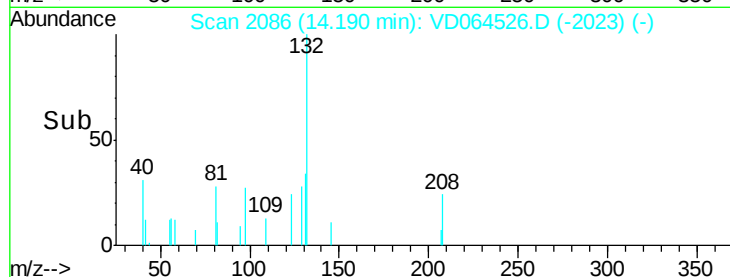
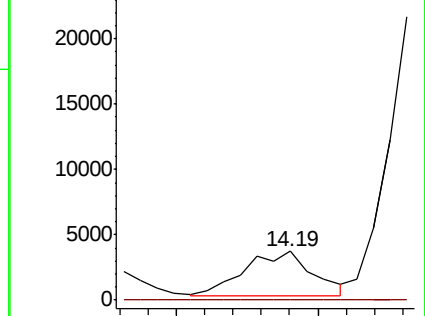
117 100

201 0.0 44.3 132.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 1.061 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.01 min

Lab File: VD064526.D

Acq: 16 Dec 2019 16:32

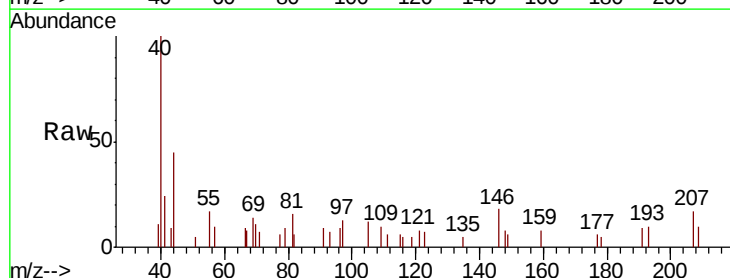
Tgt Ion:146 Resp: 738

Ion Ratio Lower Upper

146 100

111 0.0 19.1 57.3#

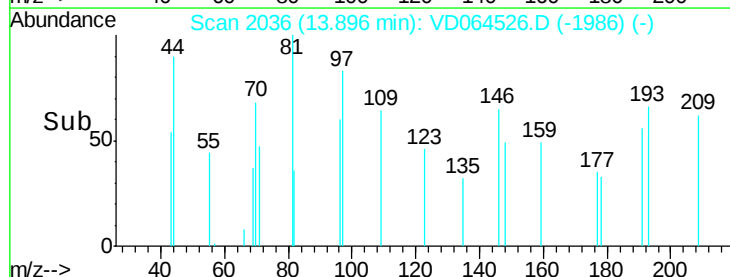
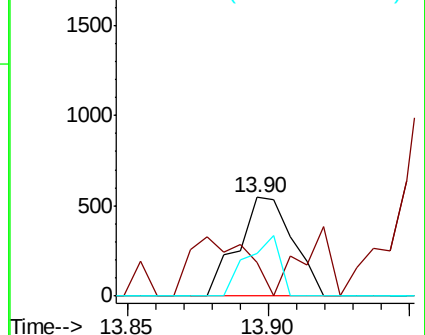
148 36.7 32.0 96.0

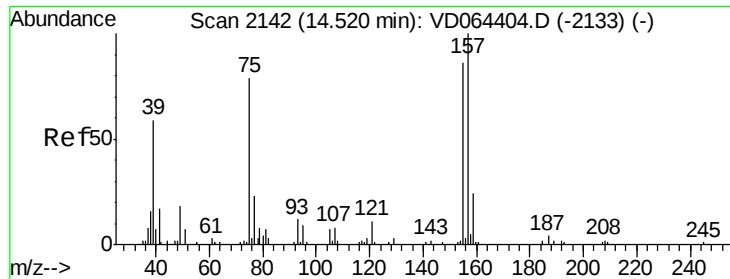


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

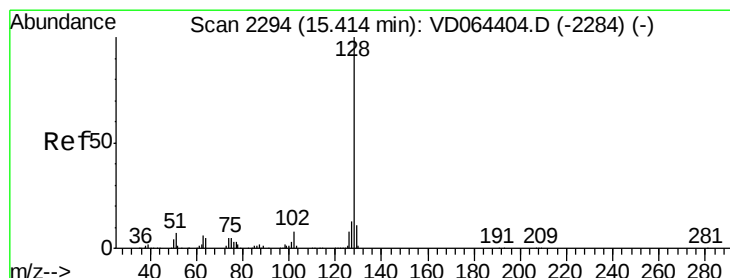
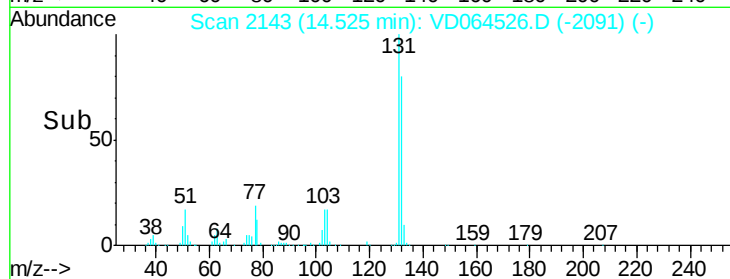
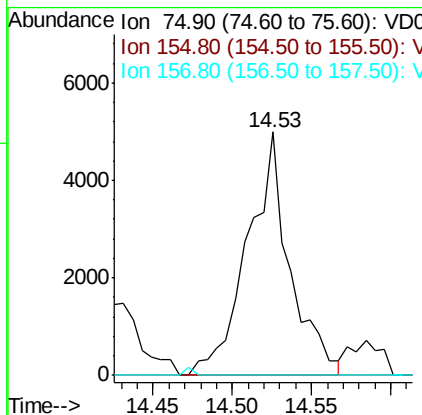
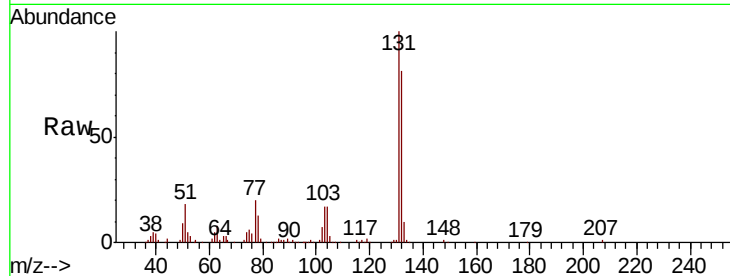




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 232.342 ug/l
 RT: 14.53 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3425

Tgt Ion: 75 Resp: 9282
 Ion Ratio Lower Upper
 75 100
 155 0.0 51.9 155.7#
 157 0.0 63.2 189.8#



#95
 Naphthalene
 Concen: 15401.717 ug/l
 RT: 15.41 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: VD064526.D
 Acq: 16 Dec 2019 16:32

Tgt Ion: 128 Resp: 13689750
 Ion Ratio Lower Upper
 128 100
 127 14.6 10.5 15.7
 129 12.2 8.8 13.2

