

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112719\
 Data File : VD064403.D
 Acq On : 27 Nov 2019 18:50
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 29 06:43:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 06:39:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	442284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	648957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	578853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279897	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	79469	21.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.88%	
35) Dibromofluoromethane	7.92	113	78387	21.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.14%	
50) Toluene-d8	10.34	98	303690	21.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.46%	
62) 4-Bromofluorobenzene	12.64	95	94995	19.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	85401	23.228	ug/l	99
3) Chloromethane	2.21	50	107723	26.428	ug/l	99
4) Vinyl Chloride	2.35	62	121710	27.427	ug/l	96
5) Bromomethane	2.76	94	87436	30.483	ug/l	98
6) Chloroethane	2.91	64	80906	28.298	ug/l	99
7) Trichlorofluoromethane	3.27	101	198397	27.419	ug/l	99
8) Diethyl Ether	3.70	74	43006	22.798	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	84473	21.557	ug/l	99
10) Methyl Iodide	4.29	142	82680	21.068	ug/l	99
11) Tert butyl alcohol	5.26	59	26372	104.342	ug/l #	100
12) 1,1-Dichloroethene	4.06	96	82404	22.086	ug/l	95
13) Acrolein	3.93	56	37534	165.268	ug/l	97
14) Allyl chloride	4.71	41	127585	19.771	ug/l	100
15) Acrylonitrile	5.43	53	93874	116.078	ug/l	98
16) Acetone	4.17	43	79292	93.388	ug/l	94
17) Carbon Disulfide	4.40	76	259487	22.249	ug/l	99
18) Methyl Acetate	4.73	43	52812	22.111	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	190132	21.412	ug/l	96
20) Methylene Chloride	4.96	84	96279	21.997	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	92407	21.820	ug/l	98
22) Diisopropyl ether	6.37	45	254564	20.952	ug/l	98
23) Vinyl Acetate	6.31	43	735074	107.657	ug/l	100
24) 1,1-Dichloroethane	6.27	63	150525	21.242	ug/l	94
25) 2-Butanone	7.23	43	118794	106.615	ug/l	98
26) 2,2-Dichloropropane	7.21	77	127944	18.772	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	100277	21.975	ug/l	98
28) Bromochloromethane	7.55	49	41666	16.917	ug/l	97
29) Tetrahydrofuran	7.57	42	76279	113.510	ug/l	98
30) Chloroform	7.71	83	157361	21.642	ug/l	98
31) Cyclohexane	7.98	56	146117	20.548	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	143901	20.786	ug/l	99
36) 1,1-Dichloropropene	8.11	75	124352	20.914	ug/l	99
37) Ethyl Acetate	7.30	43	55058	21.749	ug/l	97
38) Carbon Tetrachloride	8.10	117	131028	20.515	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	154265	20.388	ug/l	95
40) Benzene	8.36	78	342767	20.936	ug/l	99
41) Methacrylonitrile	7.53	41	34244	21.596	ug/l	95
42) 1,2-Dichloroethane	8.43	62	101532	20.729	ug/l	98
43) Isopropyl Acetate	8.46	43	104555	20.195	ug/l	99
44) Trichloroethene	9.11	130	106408	21.719	ug/l	92
45) 1,2-Dichloropropane	9.39	63	83896	21.009	ug/l	96
46) Dibromomethane	9.48	93	48171	22.367	ug/l	99
47) Bromodichloromethane	9.66	83	120014	20.816	ug/l	99
48) Methyl methacrylate	9.46	41	48728	19.399	ug/l	95
49) 1,4-Dioxane	9.47	88	12459	481.029	ug/l #	95
51) 4-Methyl-2-Pentanone	10.23	43	260519	104.388	ug/l	100
52) Toluene	10.40	92	225781	21.020	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	114877	20.056	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	135192	20.189	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	64157	22.005	ug/l	98
56) Ethyl methacrylate	10.67	69	81834	20.268	ug/l	98
57) 1,3-Dichloropropane	10.95	76	110704	21.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	175896	109.341	ug/l	99
59) 2-Hexanone	10.98	43	181970	103.115	ug/l	99
60) Dibromochloromethane	11.14	129	87976	21.645	ug/l	100
61) 1,2-Dibromoethane	11.25	107	64665	22.135	ug/l	98
64) Tetrachloroethene	10.88	164	89257	20.201	ug/l	97
65) Chlorobenzene	11.67	112	241276	20.536	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.75	131	87313	19.562	ug/l	99
67) Ethyl Benzene	11.75	91	424732	20.030	ug/l	98
68) m/p-Xylenes	11.85	106	321909	39.631	ug/l	98
69) o-Xylene	12.18	106	151746	20.143	ug/l	99
70) Styrene	12.20	104	256729	19.553	ug/l	100
71) Bromoform	12.37	173	53469	20.985	ug/l #	100
73) Isopropylbenzene	12.48	105	400613	19.655	ug/l	98
74) N-amyl acetate	12.30	43	92672	19.238	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	68951	22.013	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	91124	40.790	ug/l #	100
77) Bromobenzene	12.77	156	103208	20.766	ug/l	99
78) n-propylbenzene	12.83	91	471031	20.223	ug/l	100
79) 2-Chlorotoluene	12.91	91	262969	20.061	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	332932	19.860	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	20047	17.922	ug/l	95
82) 4-Chlorotoluene	13.01	91	271611	19.817	ug/l	99
83) tert-Butylbenzene	13.23	119	281772	19.155	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	331761	20.045	ug/l	99
85) sec-Butylbenzene	13.41	105	392327	19.778	ug/l	99
86) p-Isopropyltoluene	13.53	119	368017	19.530	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	188037	20.312	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	188370	20.911	ug/l	99
89) n-Butylbenzene	13.85	91	336233	19.741	ug/l	99
90) Hexachloroethane	14.12	117	68015	19.468	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	166044	21.136	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11395	20.742	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Nov 29 06:39:45 2019
Response via : Initial Calibration

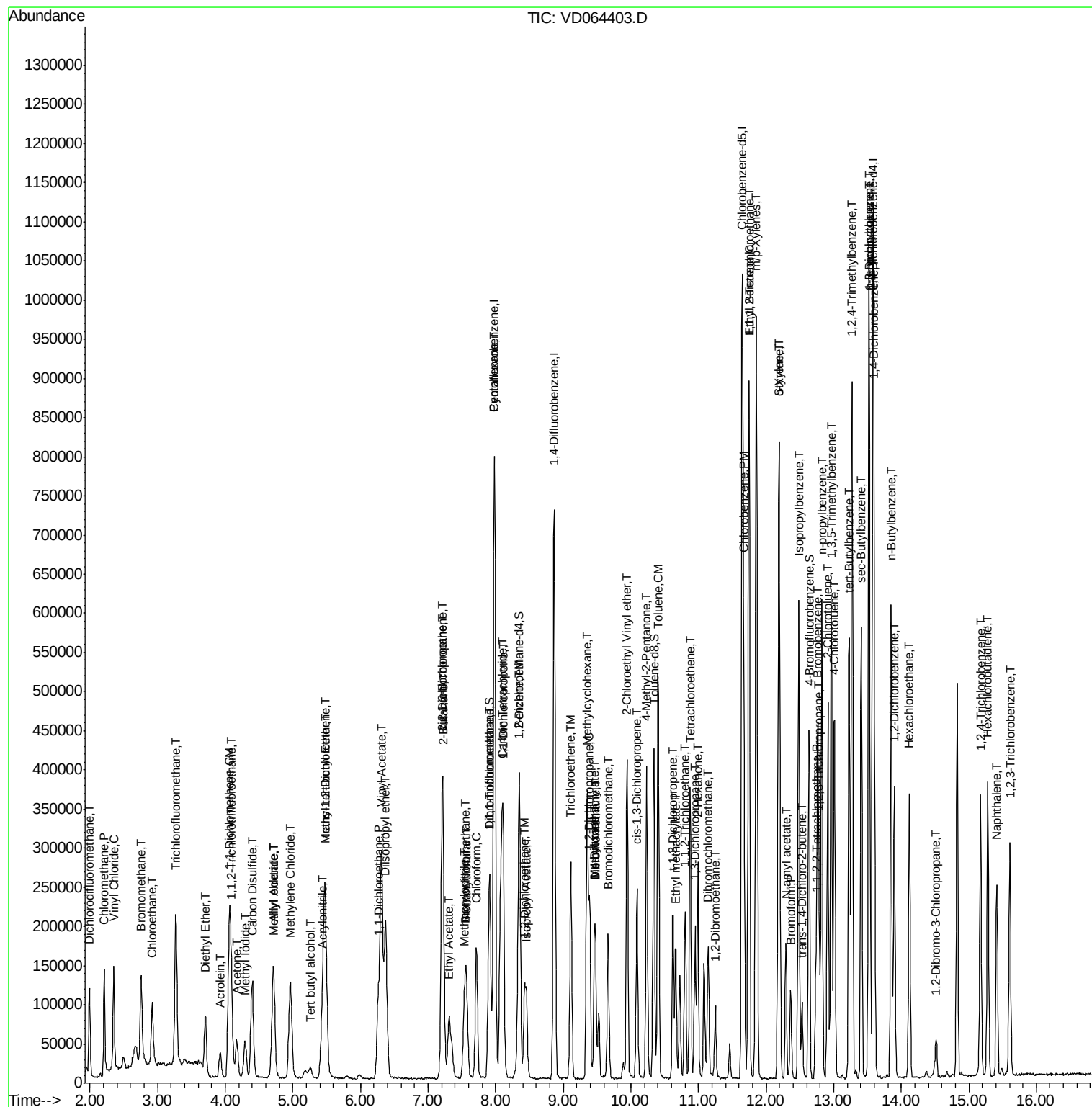
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	123458	20.478	ug/l	98
94) Hexachlorobutadiene	15.28	225	75959	19.580	ug/l	98
95) Naphthalene	15.41	128	211708	21.267	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	106822	20.713	ug/l	98

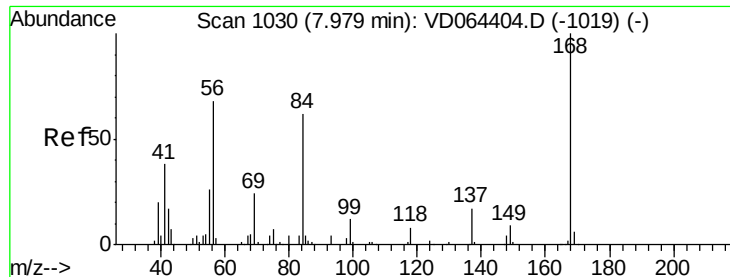
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ClientSampled :

Quant Time: Nov 29 06:43:26 2019
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

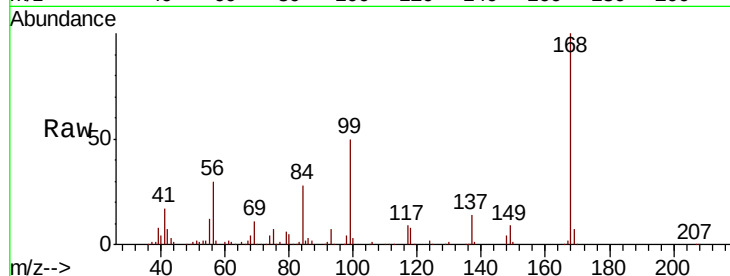
ClientSampleId :

Tot Ion:168 Resp: 442284

Ion Ratio Lower Upper

168 100

99 49.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

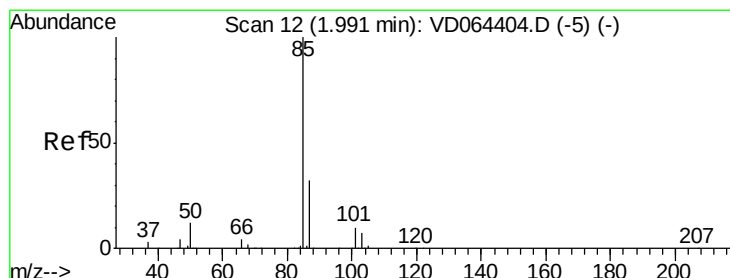
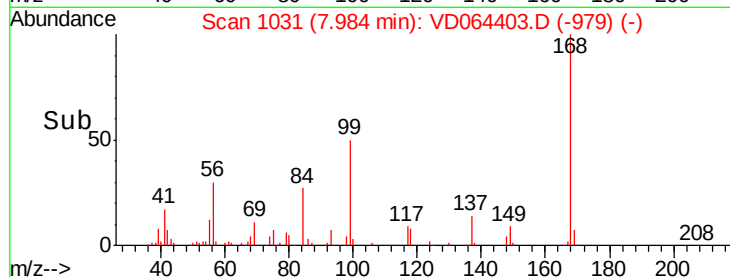
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.228 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064403.D

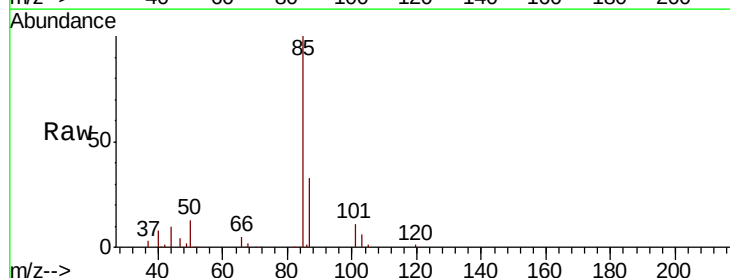
Acq: 27 Nov 2019 18:50

Tgt Ion: 85 Resp: 85401

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

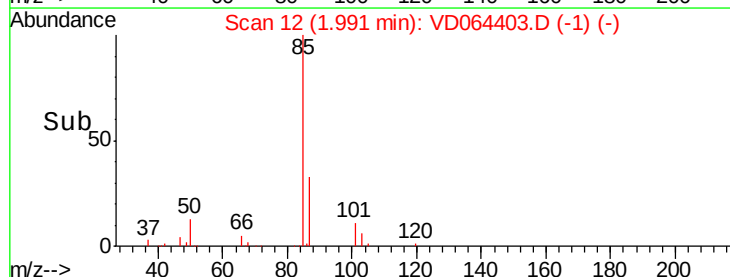
40000

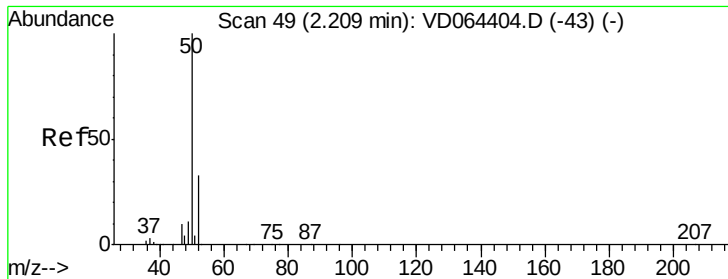
20000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 26.428 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

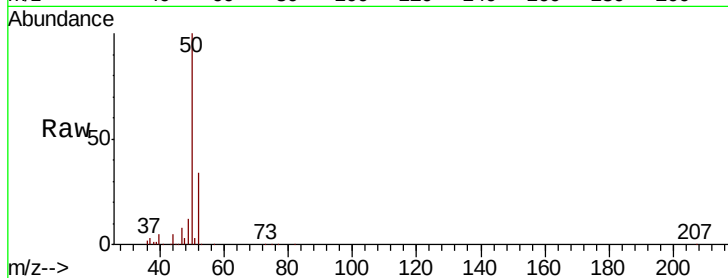
ClientSampleId :

Tot Ion: 50 Resp: 107723

Ion Ratio Lower Upper

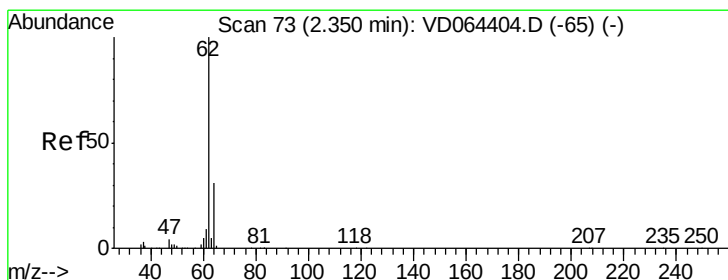
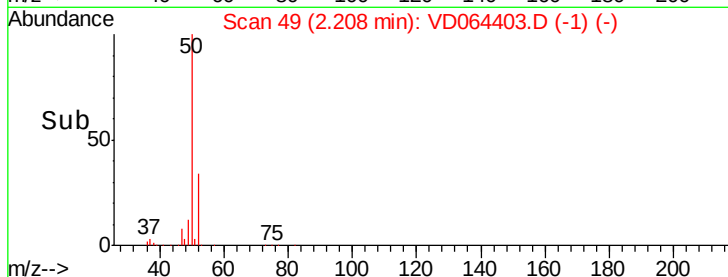
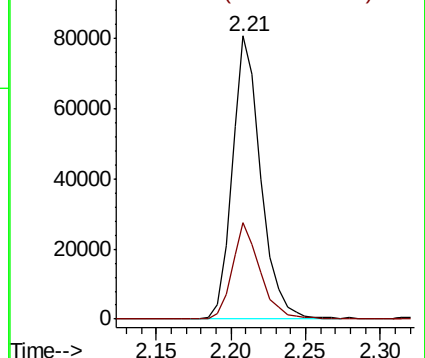
50 100

52 34.0 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 27.427 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064403.D

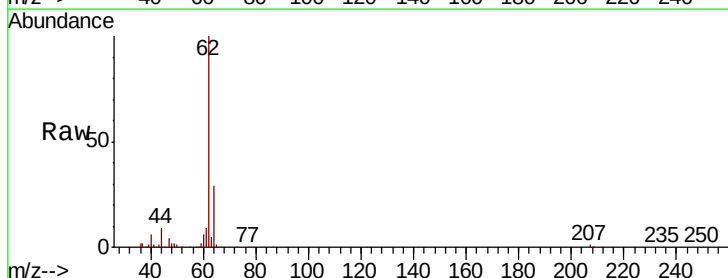
Acq: 27 Nov 2019 18:50

Tgt Ion: 62 Resp: 121710

Ion Ratio Lower Upper

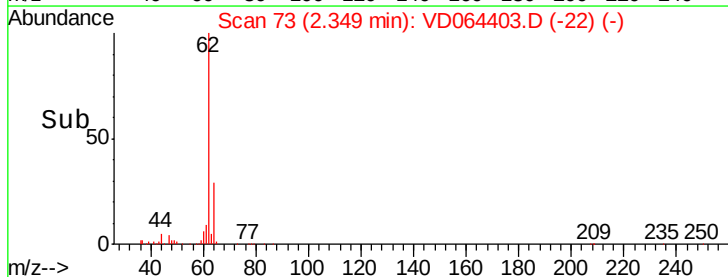
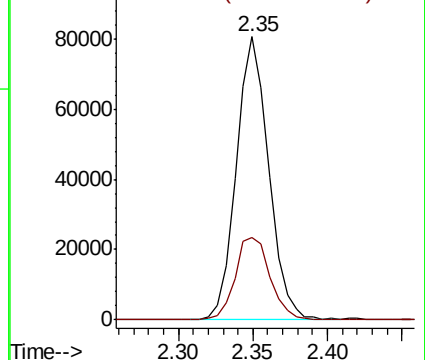
62 100

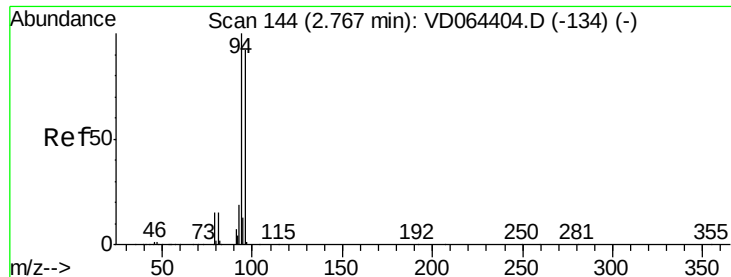
64 29.3 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 30.483 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

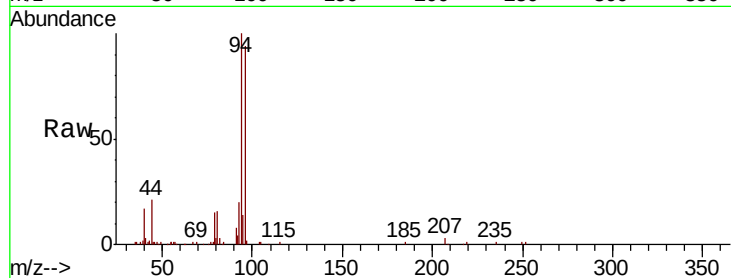
ClientSampleId :

Tot Ion: 94 Resp: 87436

Ion Ratio Lower Upper

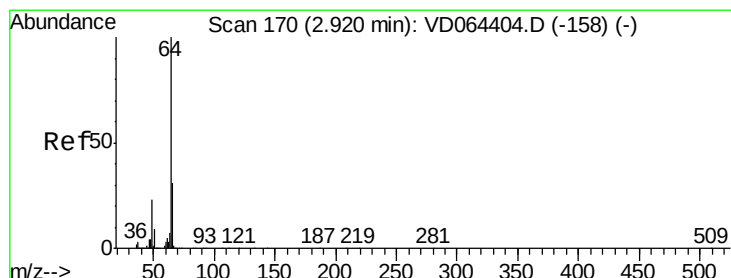
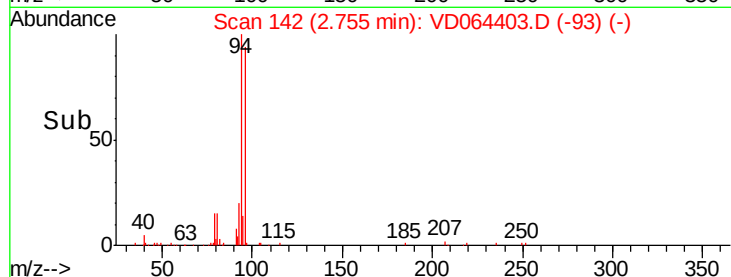
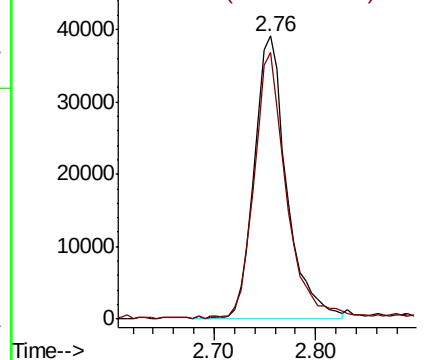
94 100

96 94.3 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: 28.298 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD064403.D

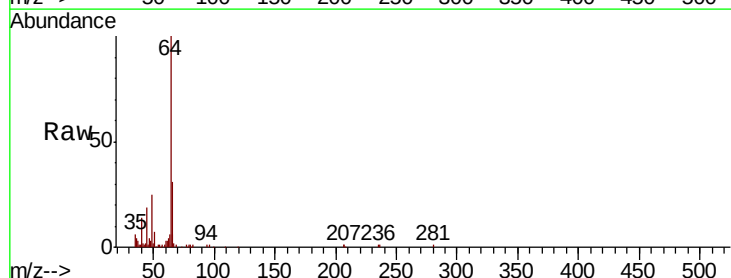
Acq: 27 Nov 2019 18:50

Tgt Ion: 64 Resp: 80906

Ion Ratio Lower Upper

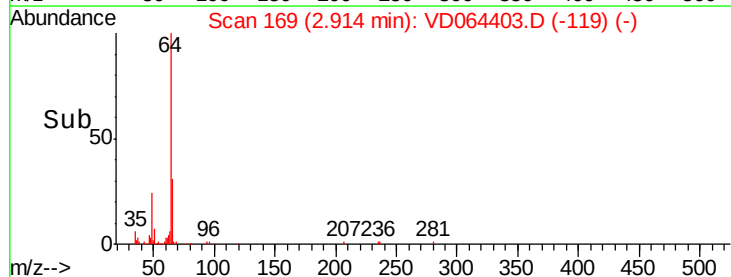
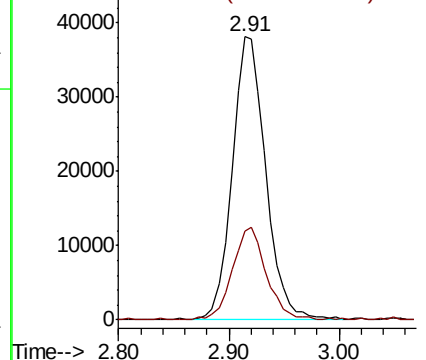
64 100

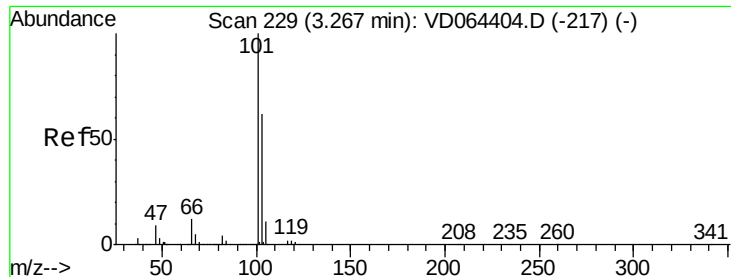
66 31.4 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



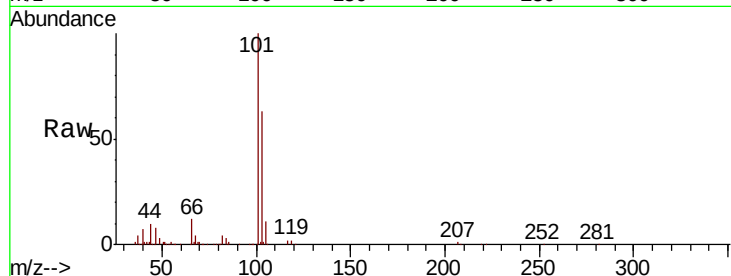


#7

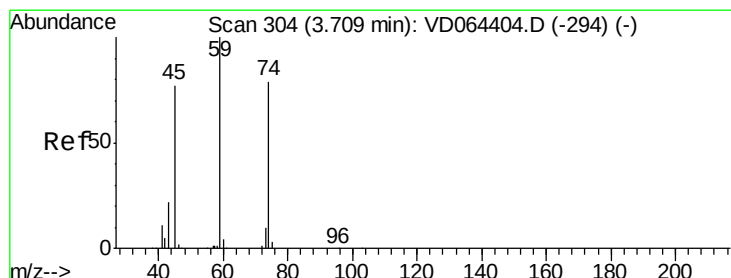
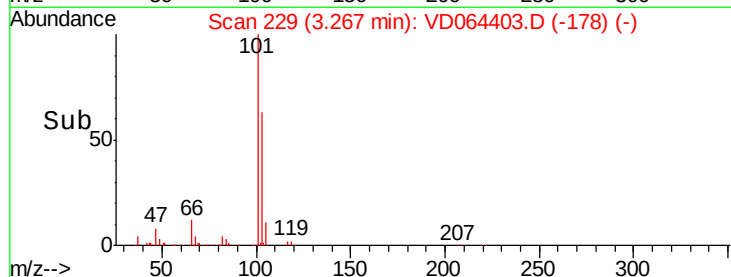
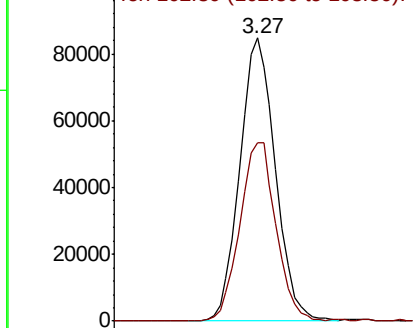
Trichlorofluoromethane
 Concen: 27.419 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:101 Resp: 198397
 Ion Ratio Lower Upper
 101 100
 103 63.0 49.8 74.6



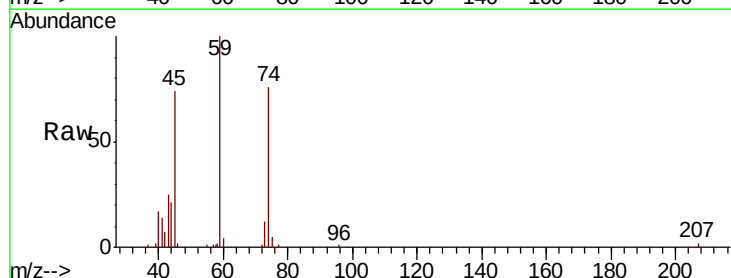
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



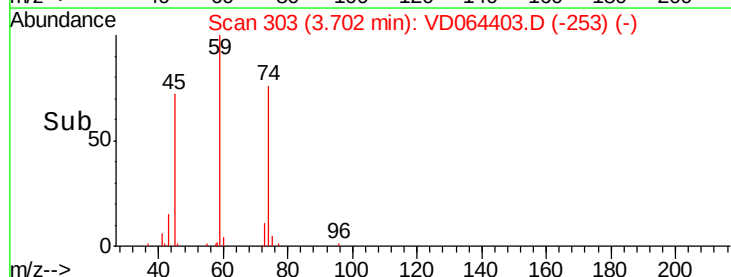
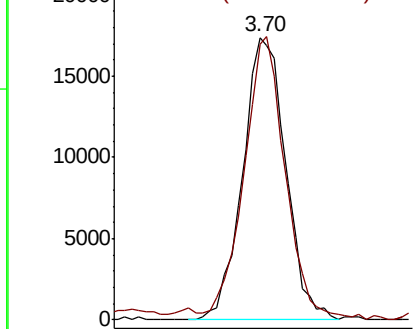
#8

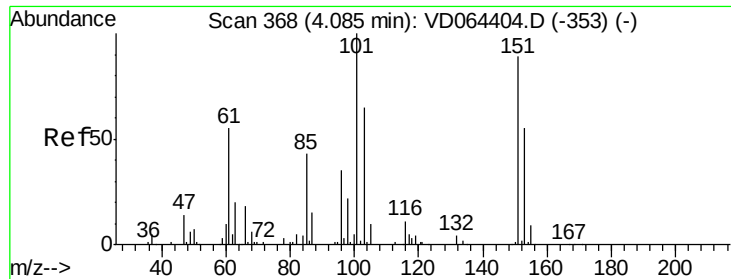
Diethyl Ether
 Concen: 22.798 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

Tgt Ion: 74 Resp: 43006
 Ion Ratio Lower Upper
 74 100
 45 97.5 48.6 145.9



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: 21.557 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

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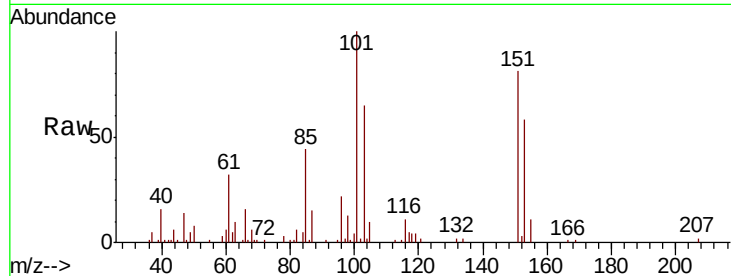
Tot Ion:101 Resp: 84473

Ion Ratio Lower Upper

101 100

85 45.2 34.8 52.2

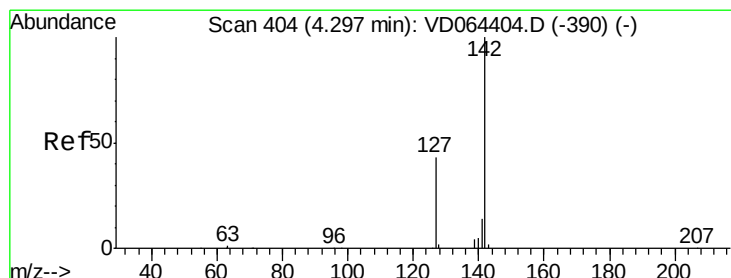
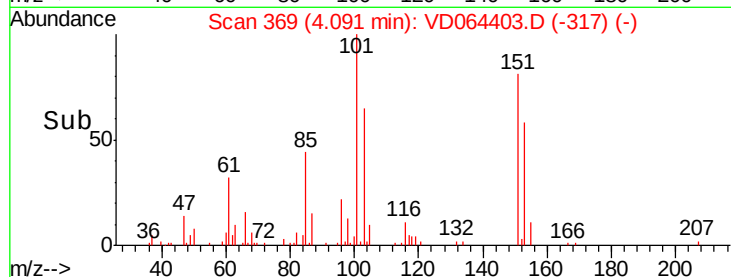
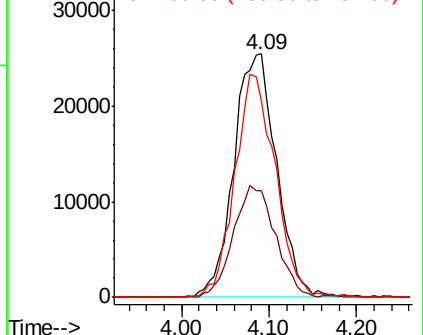
151 86.7 68.8 103.2



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: 21.068 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

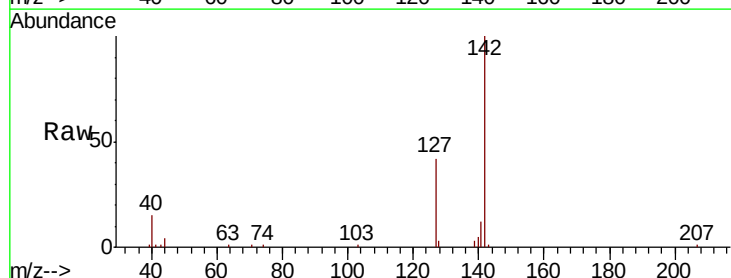
Tgt Ion:142 Resp: 82680

Ion Ratio Lower Upper

142 100

127 43.4 35.3 52.9

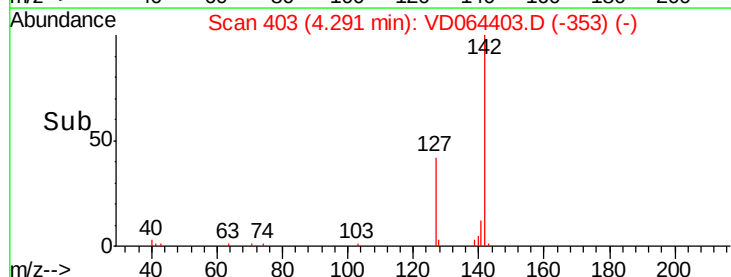
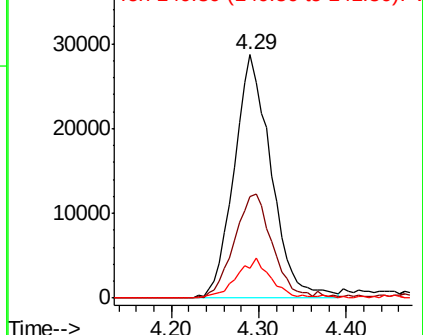
141 15.1 11.6 17.4

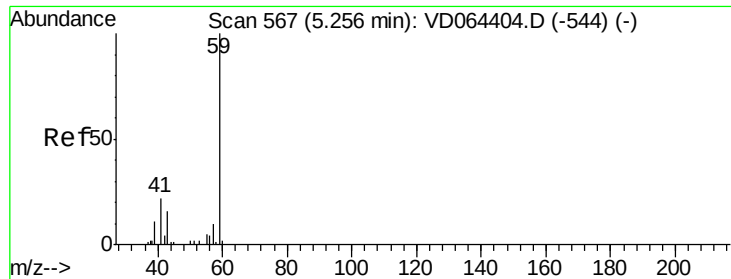


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



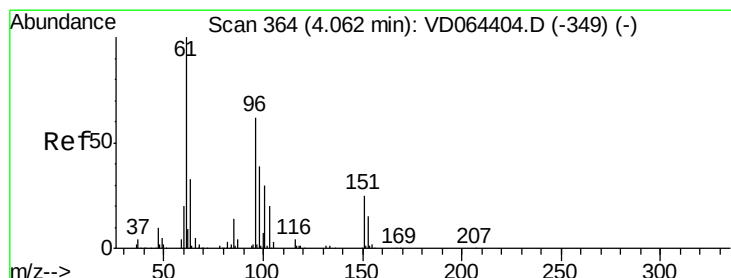
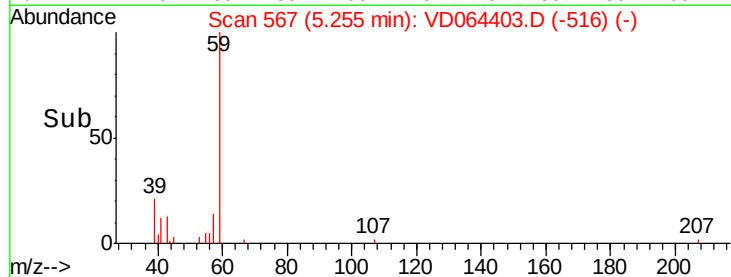
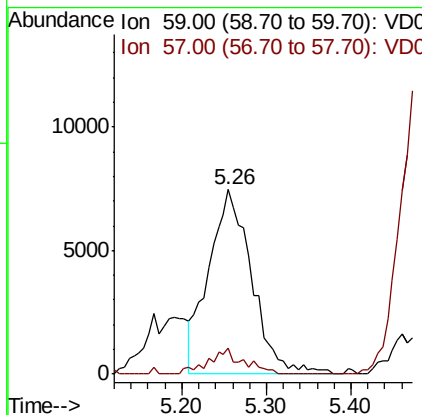
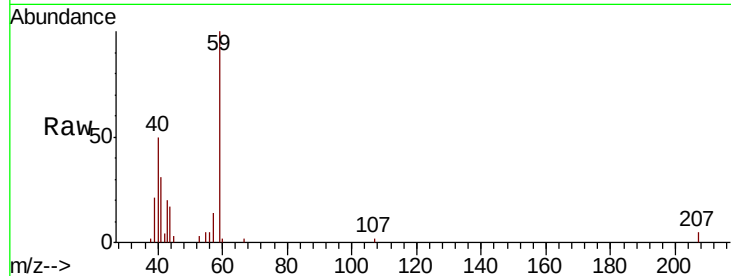


#11

Tert butyl alcohol
Concen: 104.342 ug/l
RT: 5.26 min Scan# 567
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Instrument :
MSVOA_D
ClientSampled :

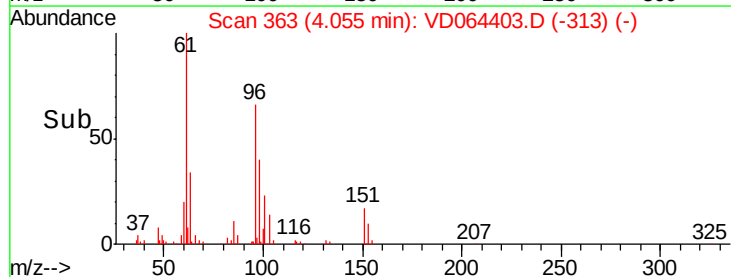
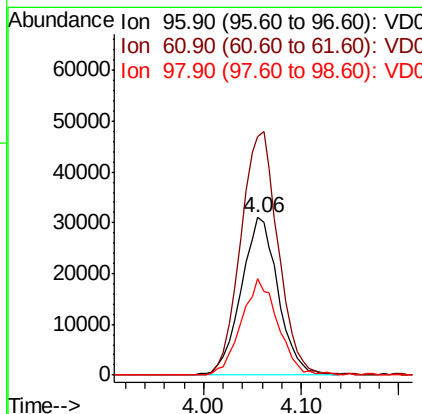
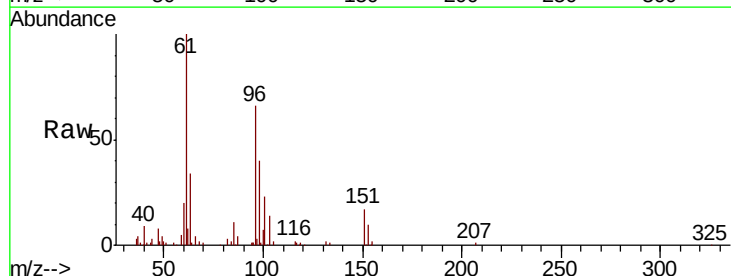
Tot Ion: 59 Resp: 26372
Ion Ratio Lower Upper
59 100
57 10.4 0.0 0.0#

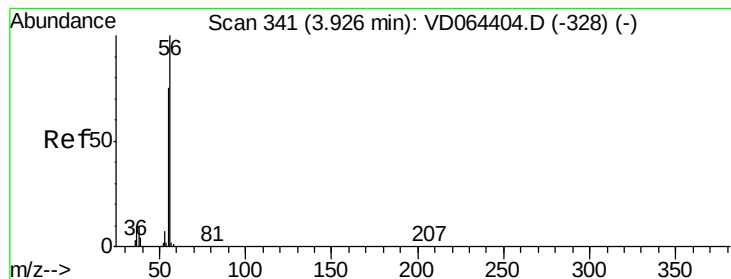


#12

1,1-Dichloroethene
Concen: 22.086 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion: 96 Resp: 82404
Ion Ratio Lower Upper
96 100
61 151.5 128.2 192.4
98 61.2 50.4 75.6





#13

Acrolein

Concen: 165.268 ug/l

RT: 3.93 min Scan# 342

Delta R.T. 0.01 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

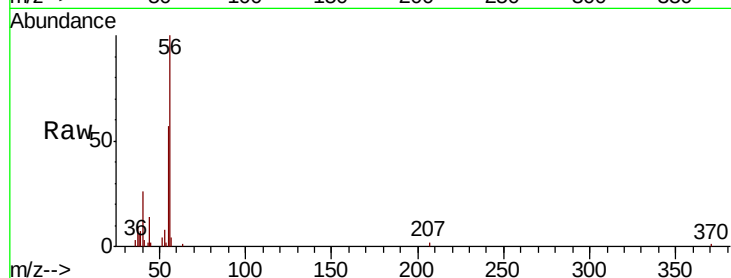
ClientSampleId :

Tot Ion: 56 Resp: 37534

Ion Ratio Lower Upper

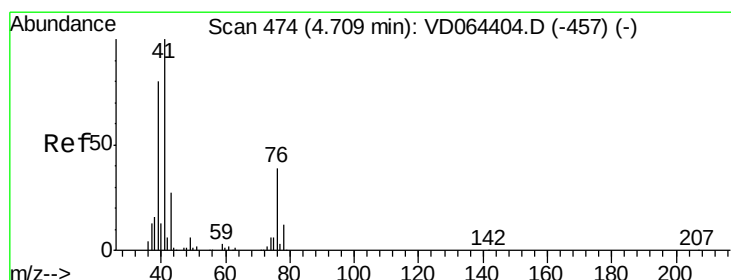
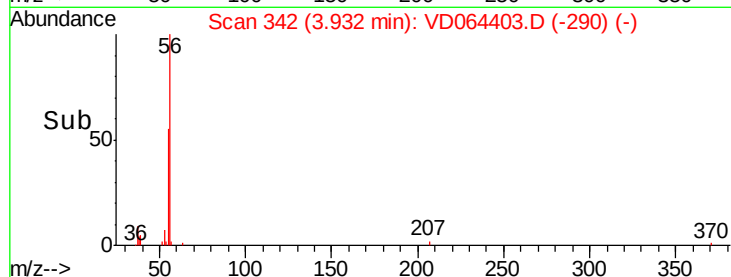
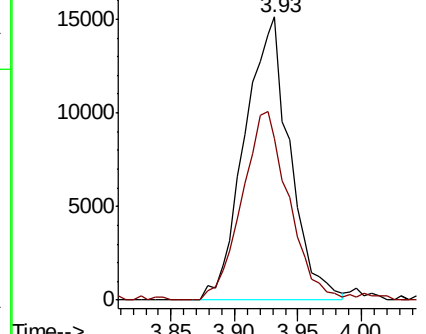
56 100

55 69.0 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.771 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

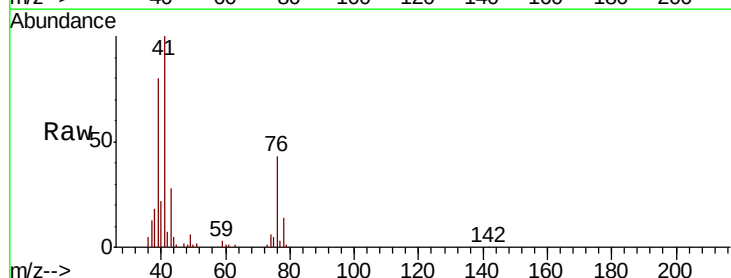
Tgt Ion: 41 Resp: 127585

Ion Ratio Lower Upper

41 100

39 77.8 62.1 93.1

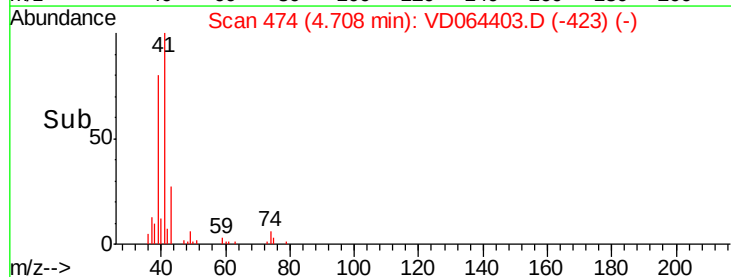
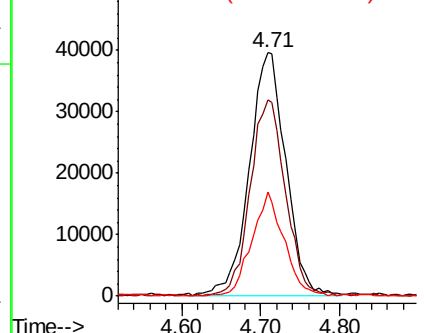
76 37.5 29.8 44.8

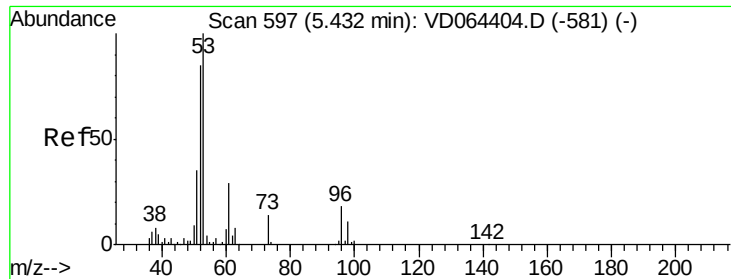


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 116.078 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

ClientSampleId :

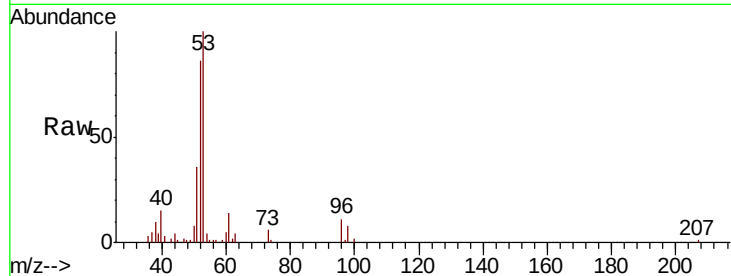
Tot Ion: 53 Resp: 93874

Ion Ratio Lower Upper

53 100

52 82.4 67.9 101.9

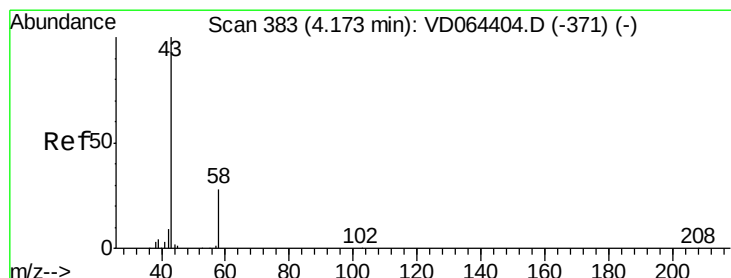
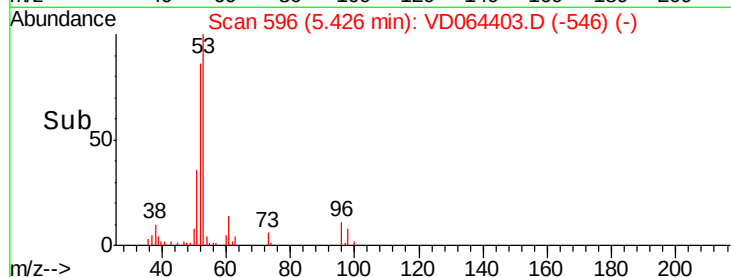
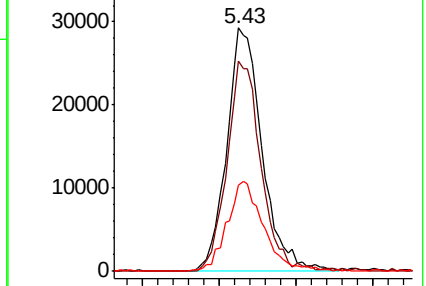
51 38.0 30.6 45.8



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: 93.388 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064403.D

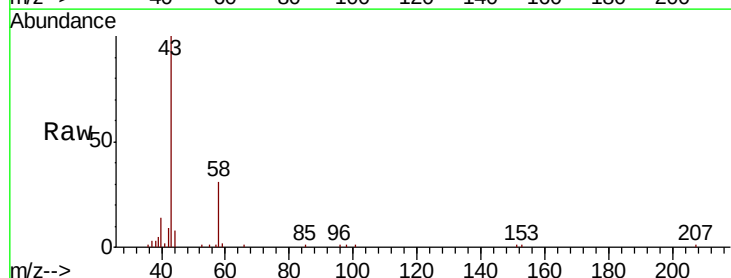
Acq: 27 Nov 2019 18:50

Tgt Ion: 43 Resp: 79292

Ion Ratio Lower Upper

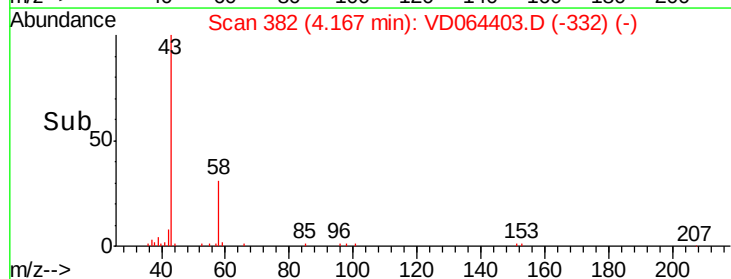
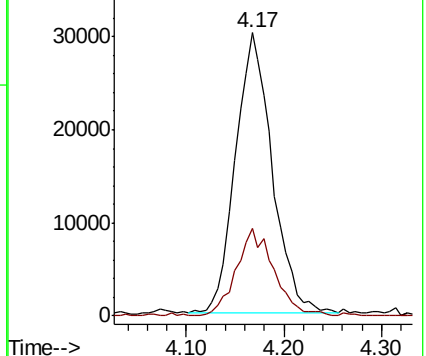
43 100

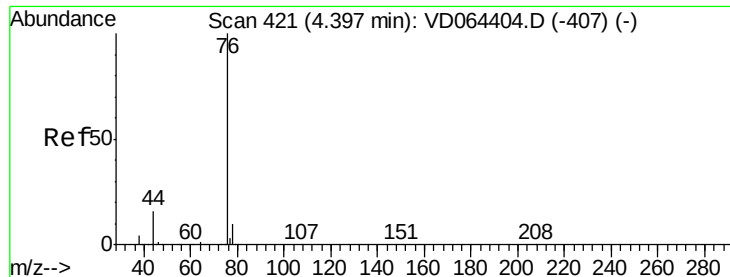
58 31.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 22.249 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

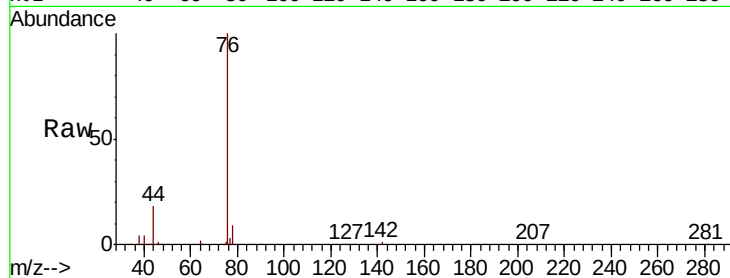
ClientSampleId :

Tot Ion: 76 Resp: 259487

Ion Ratio Lower Upper

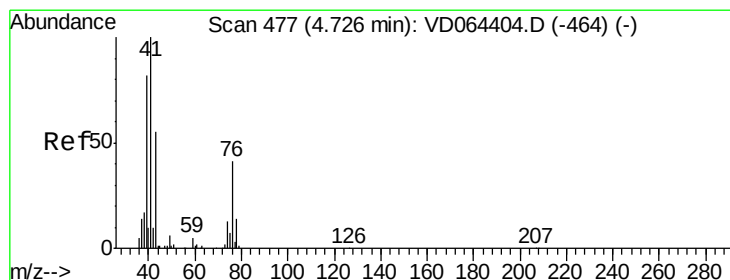
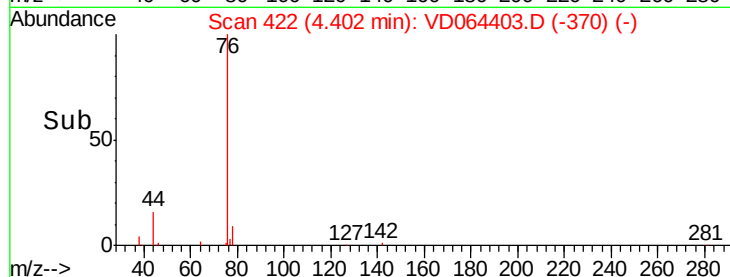
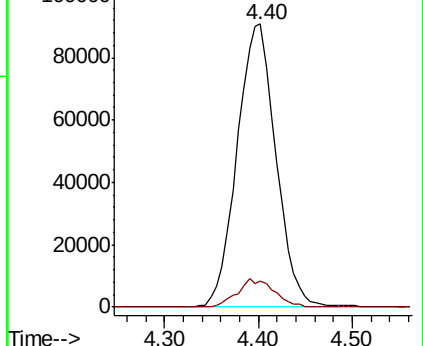
76 100

78 9.3 7.8 11.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 22.111 ug/l

RT: 4.73 min Scan# 477

Delta R.T. -0.00 min

Lab File: VD064403.D

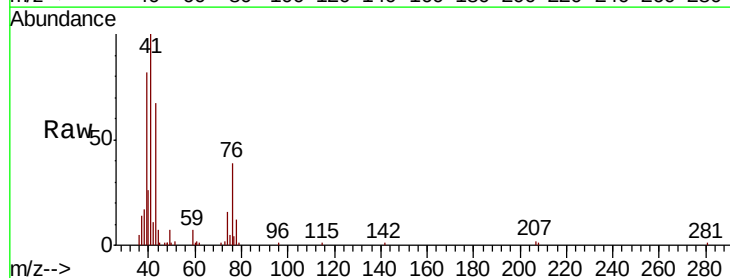
Acq: 27 Nov 2019 18:50

Tgt Ion: 43 Resp: 52812

Ion Ratio Lower Upper

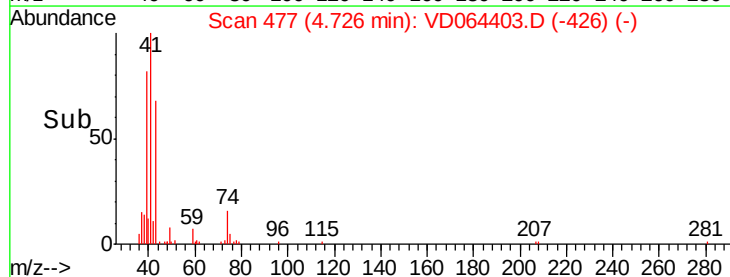
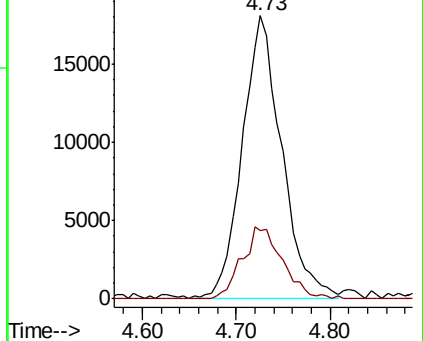
43 100

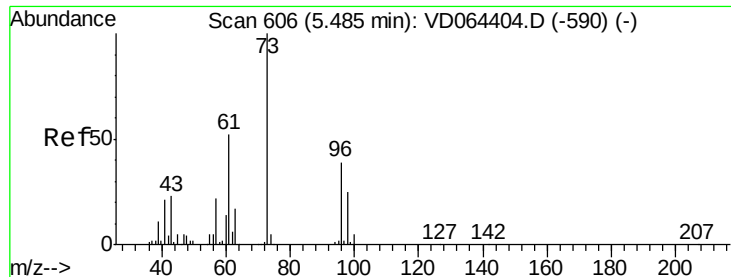
74 26.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



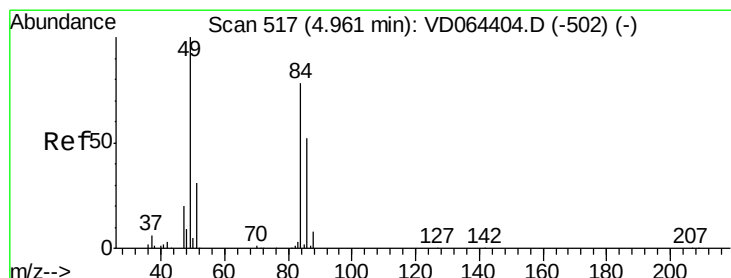
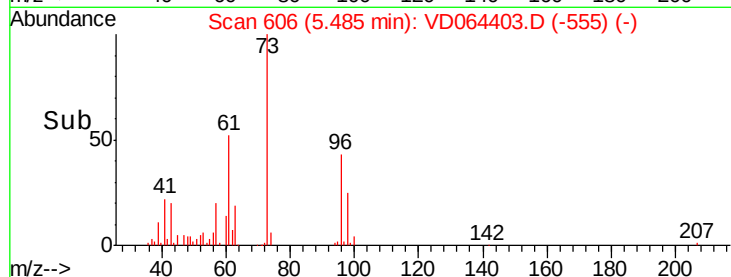
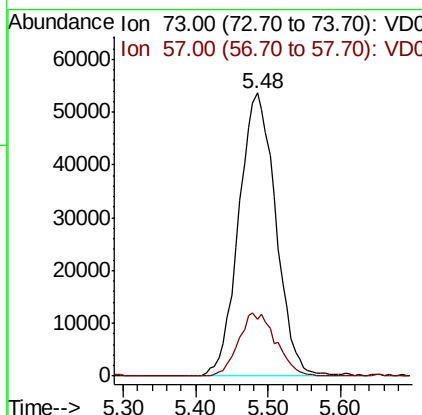
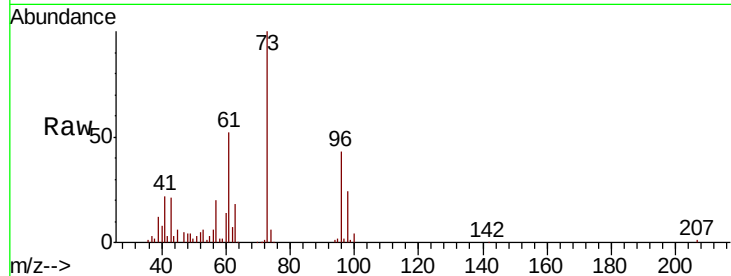


#19

Methyl tert-butyl Ether
 Concen: 21.412 ug/l
 RT: 5.48 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

Instrument :
 MSVOA_D
 ClientSampleID :

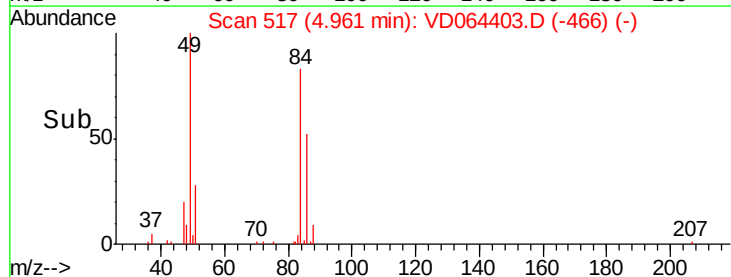
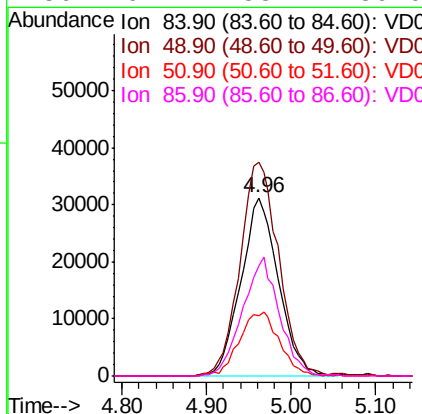
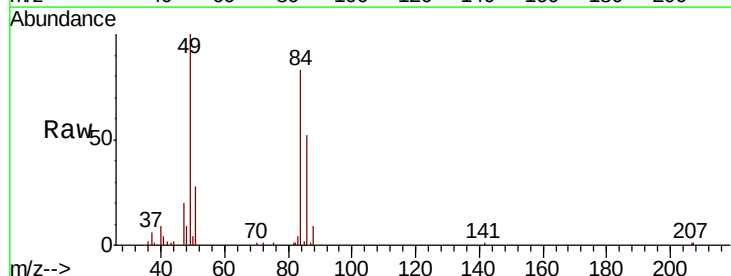
Tot Ion: 73 Resp: 190132
 Ion Ratio Lower Upper
 73 100
 57 20.1 17.6 26.4

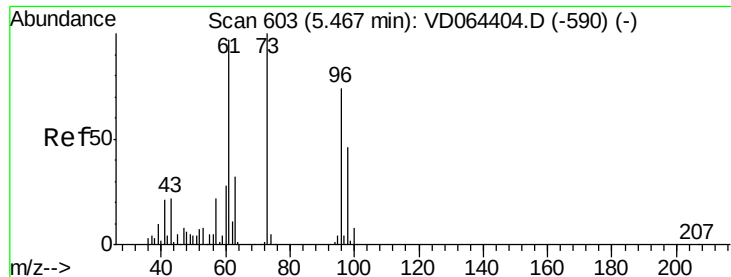


#20

Methylene Chloride
 Concen: 21.997 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

Tgt Ion: 84 Resp: 96279
 Ion Ratio Lower Upper
 84 100
 49 120.0 102.6 153.8
 51 33.7 32.0 48.0
 86 62.2 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 21.820 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

ClientSampleId :

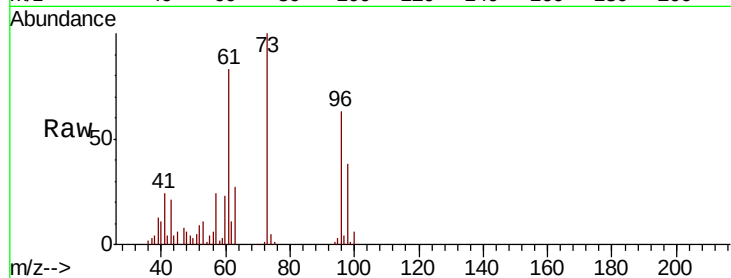
Tot Ion: 96 Resp: 92407

Ion Ratio Lower Upper

96 100

61 131.1 105.8 158.6

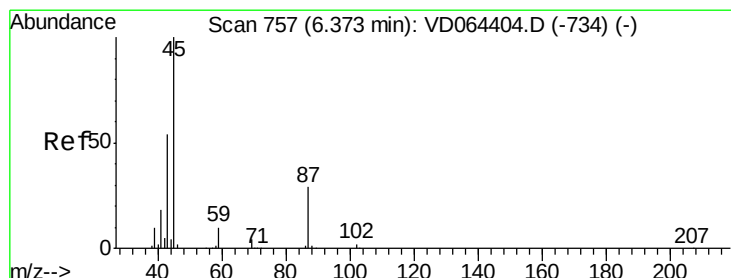
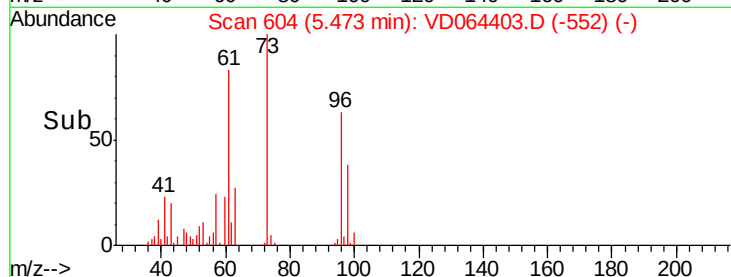
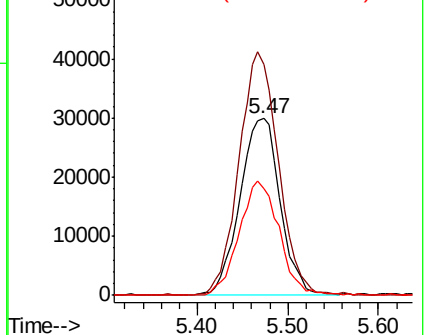
98 60.3 50.1 75.1



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: 20.952 ug/l

RT: 6.37 min Scan# 757

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Tgt Ion: 45 Resp: 254564

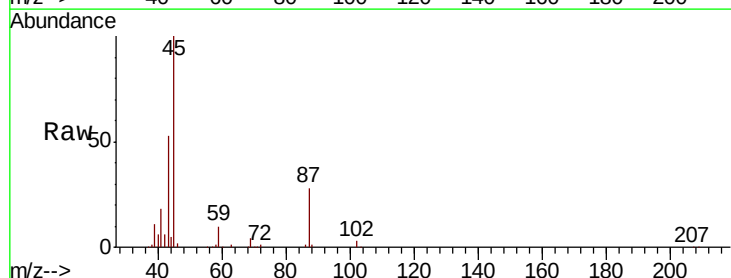
Ion Ratio Lower Upper

45 100

43 52.9 43.1 64.7

87 27.6 23.5 35.3

59 9.9 8.2 12.2

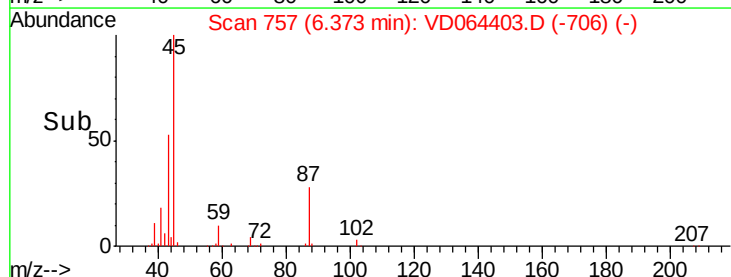
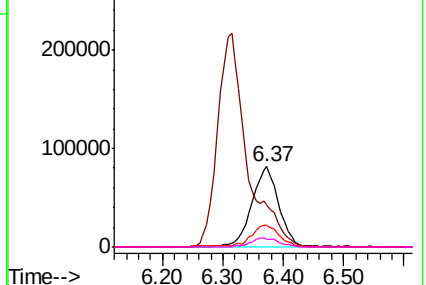


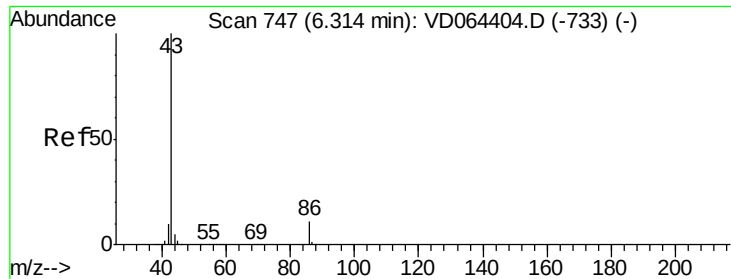
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 107.657 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

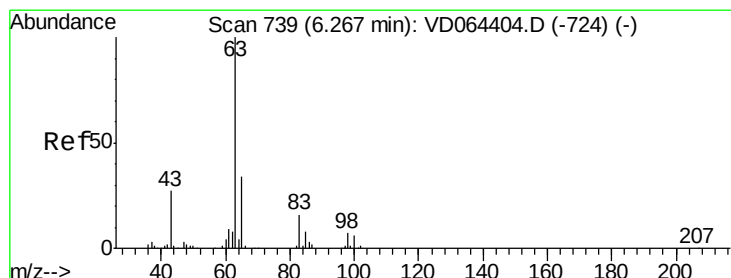
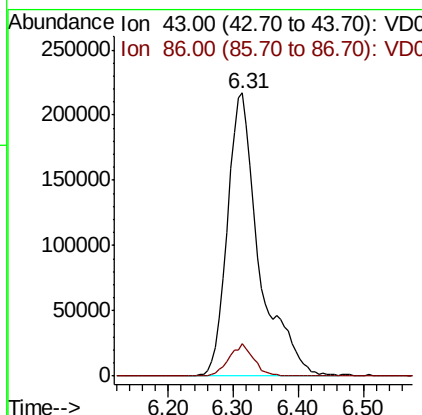
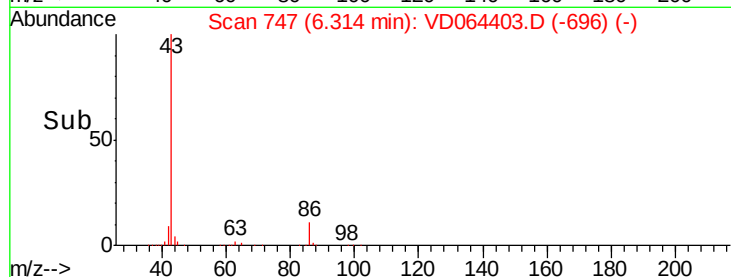
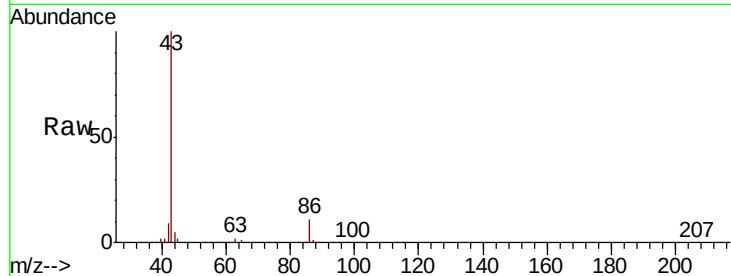
ClientSampleId :

Tot Ion: 43 Resp: 735074

Ion Ratio Lower Upper

43 100

86 11.3 8.9 13.3



#24

1,1-Dichloroethane

Concen: 21.242 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

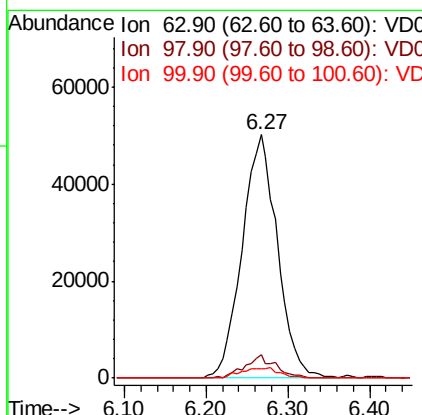
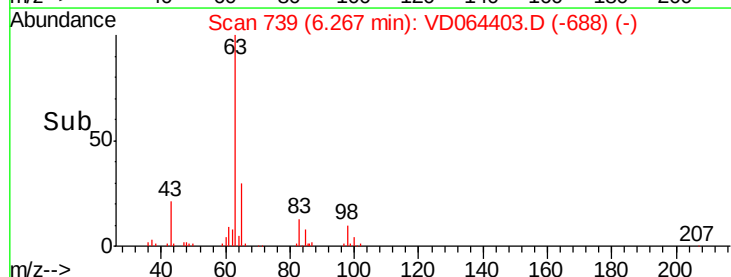
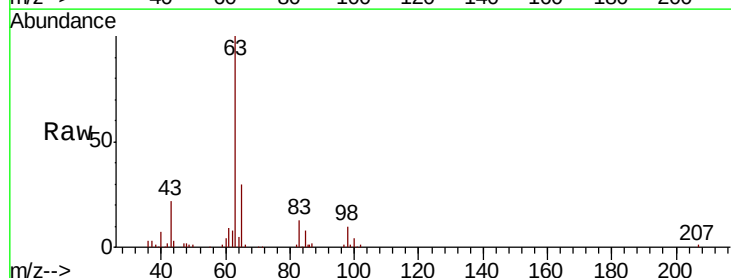
Tgt Ion: 63 Resp: 150525

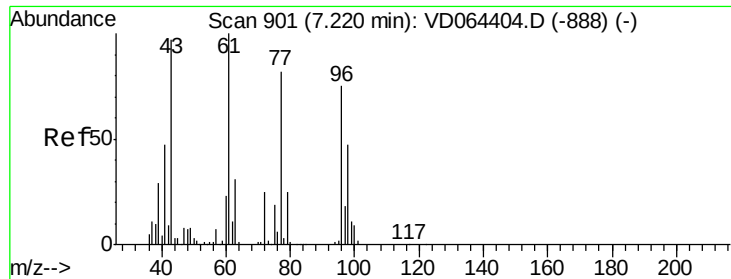
Ion Ratio Lower Upper

63 100

98 9.6 3.6 10.9

100 4.0 2.9 8.6





#25

2-Butanone

Concen: 106.615 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

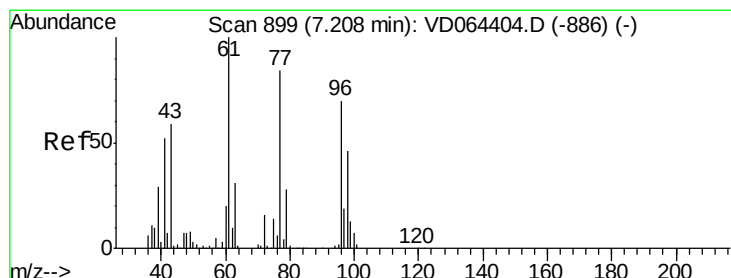
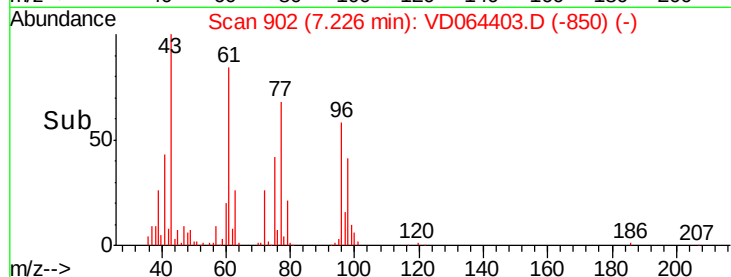
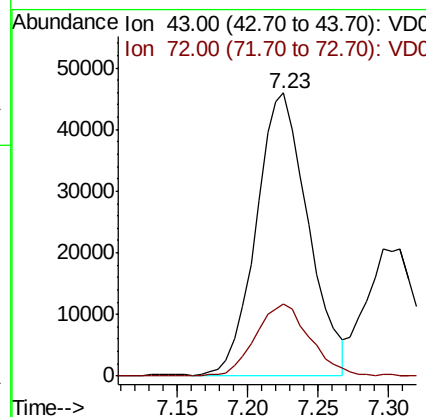
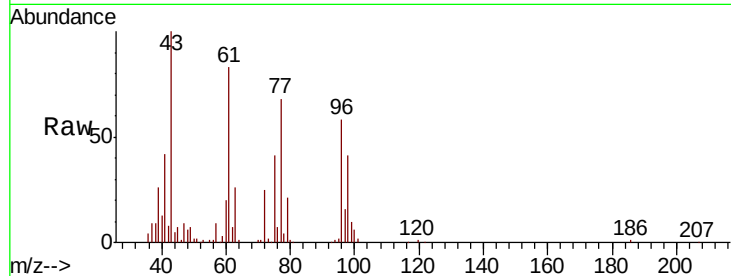
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 43 Resp: 118794

Ion Ratio Lower Upper

43 100

72 25.4 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.772 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD064403.D

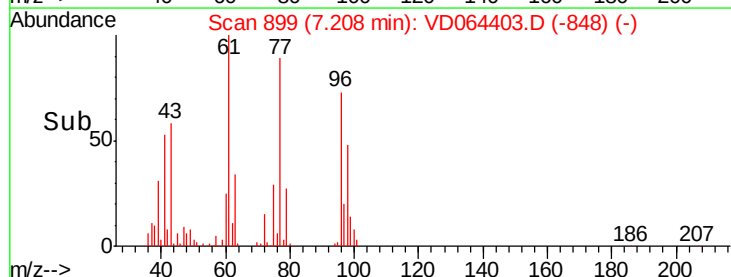
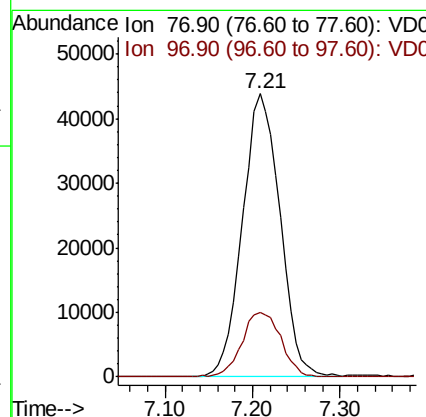
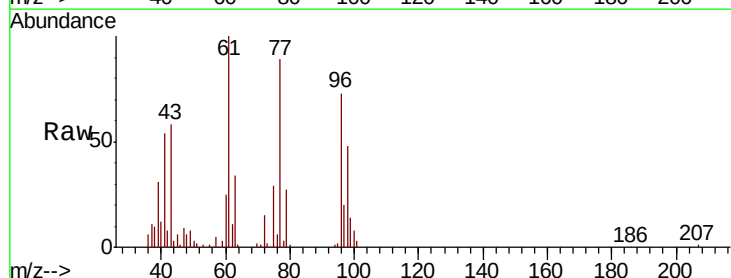
Acq: 27 Nov 2019 18:50

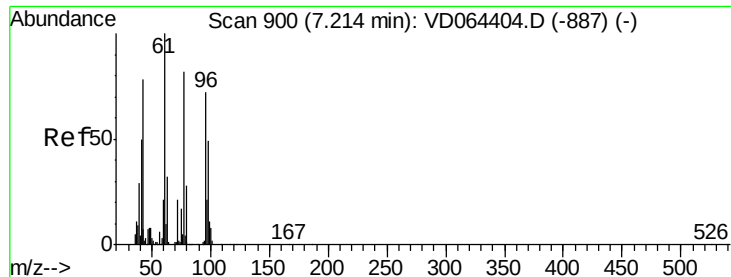
Tgt Ion: 77 Resp: 127944

Ion Ratio Lower Upper

77 100

97 23.7 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 21.975 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

ClientSampleId :

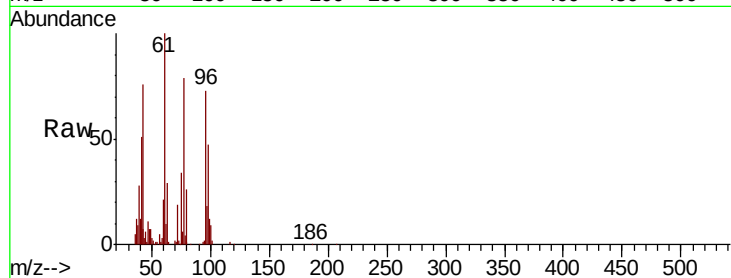
Tot Ion: 96 Resp: 100277

Ion Ratio Lower Upper

96 100

61 136.3 0.0 279.6

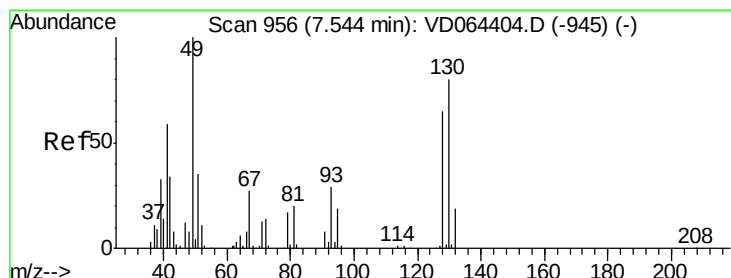
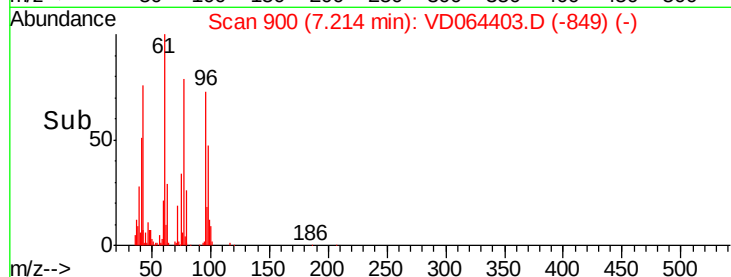
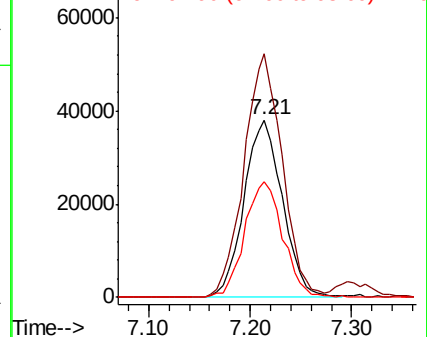
98 64.5 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#28

Bromochloromethane

Concen: 16.917 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.01 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

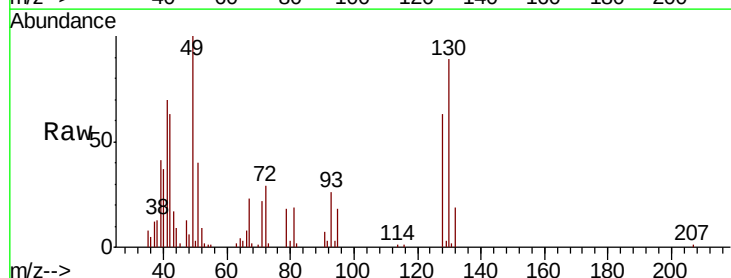
Tgt Ion: 49 Resp: 41666

Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.4

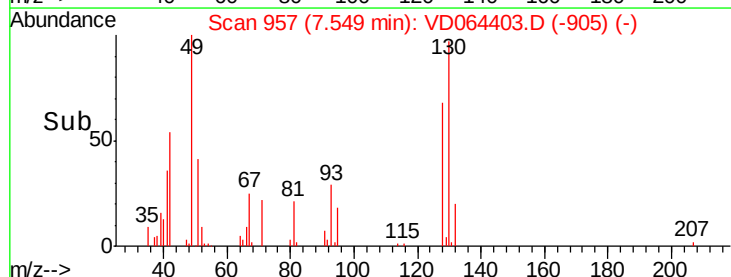
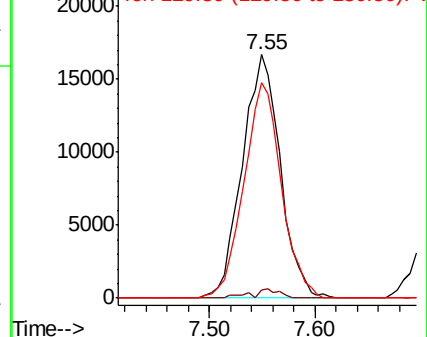
130 87.1 67.4 101.0

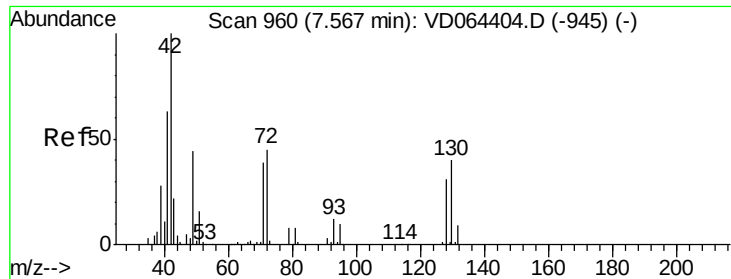


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 113.510 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

ClientSampled :

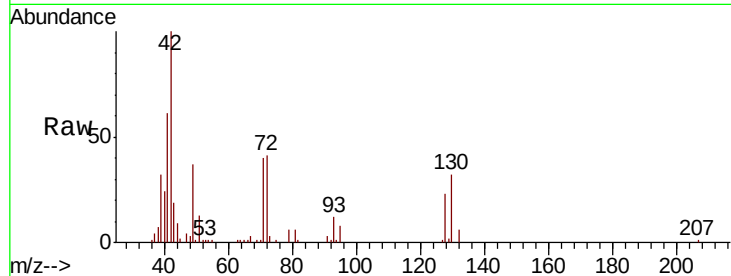
Tot Ion: 42 Resp: 76279

Ion Ratio Lower Upper

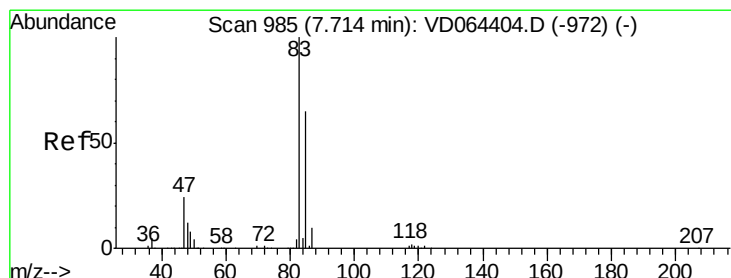
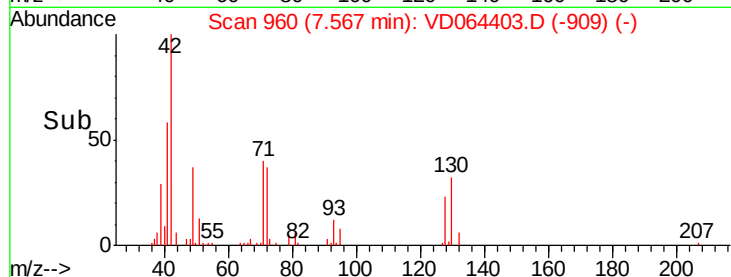
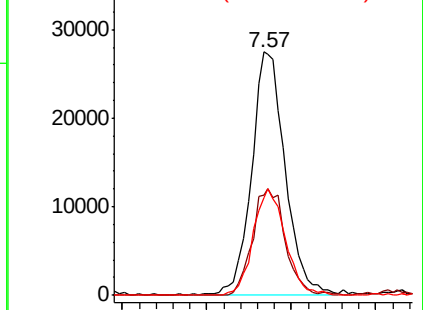
42 100

72 42.9 35.8 53.8

71 41.7 32.7 49.1



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



#30

Chloroform

Concen: 21.642 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD064403.D

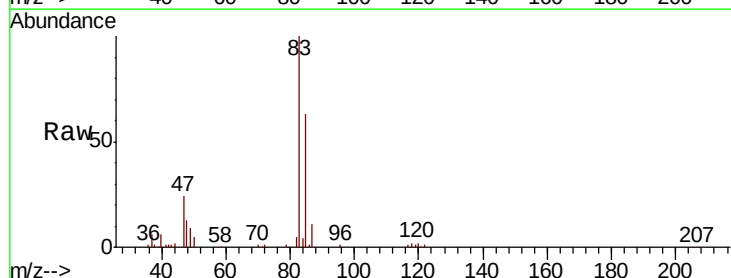
Acq: 27 Nov 2019 18:50

Tgt Ion: 83 Resp: 157361

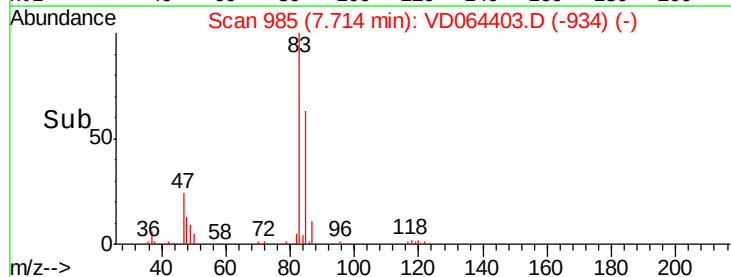
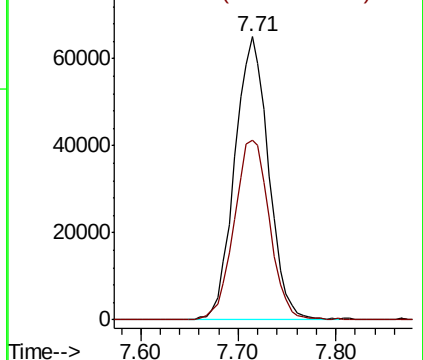
Ion Ratio Lower Upper

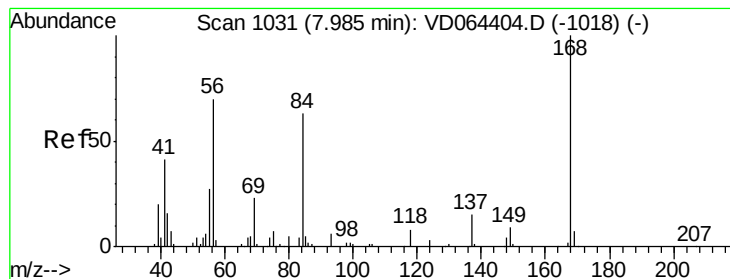
83 100

85 63.2 51.8 77.6



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





#31

Cyclohexane

Concen: 20.548 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :
MSVOA_D
ClientSampleId :

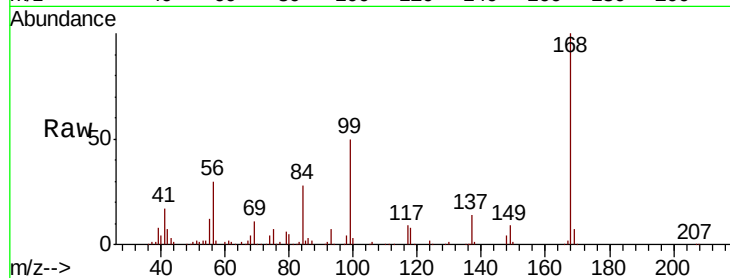
Tot Ion: 56 Resp: 146117

Ion Ratio Lower Upper

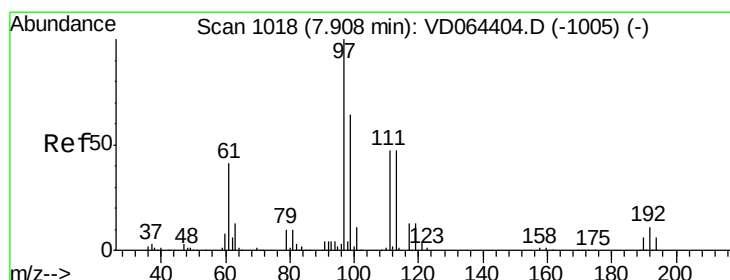
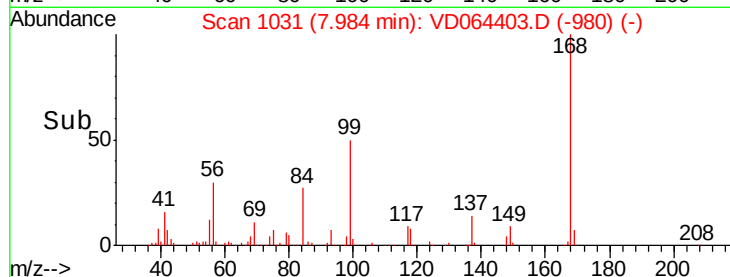
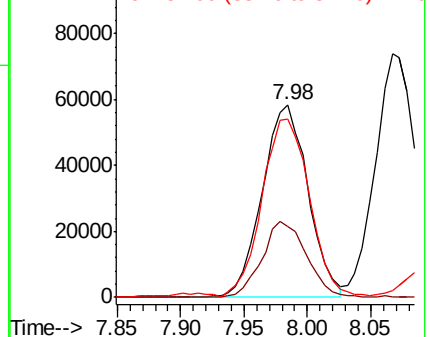
56 100

69 36.9 26.2 39.4

84 90.2 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



#32

1,1,1-Trichloroethane

Concen: 20.786 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

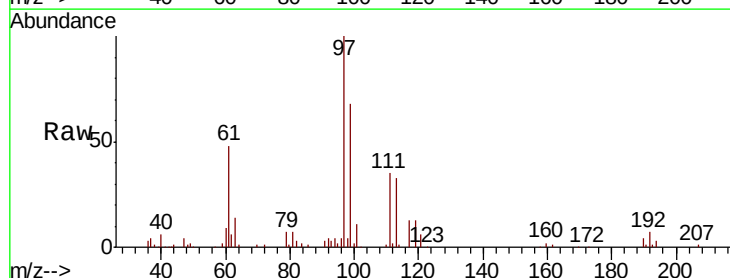
Tgt Ion: 97 Resp: 143901

Ion Ratio Lower Upper

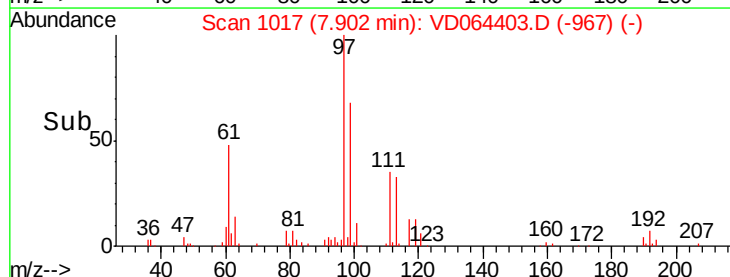
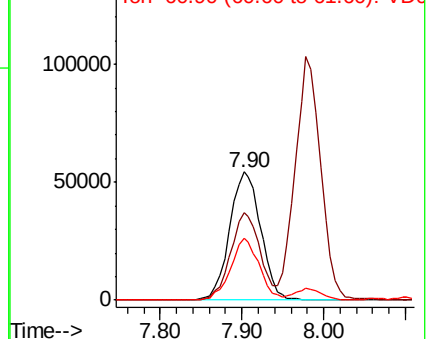
97 100

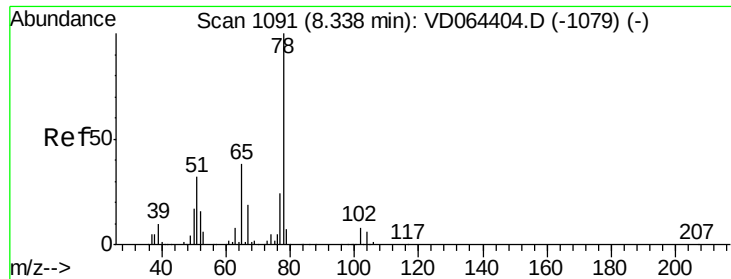
99 65.3 51.4 77.2

61 44.1 35.0 52.4



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

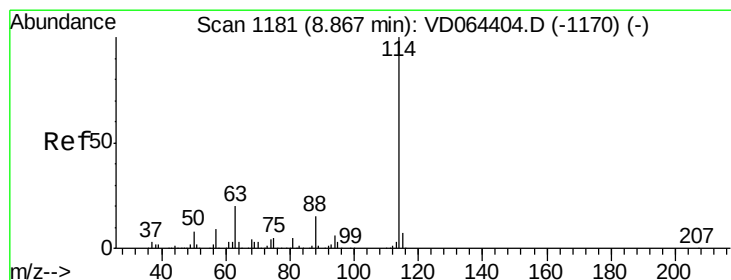
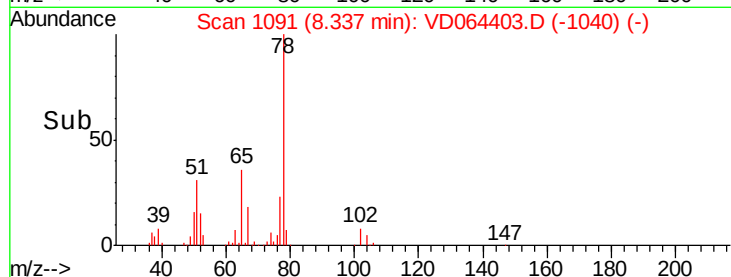
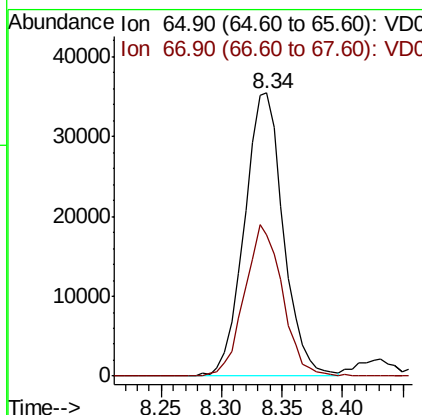
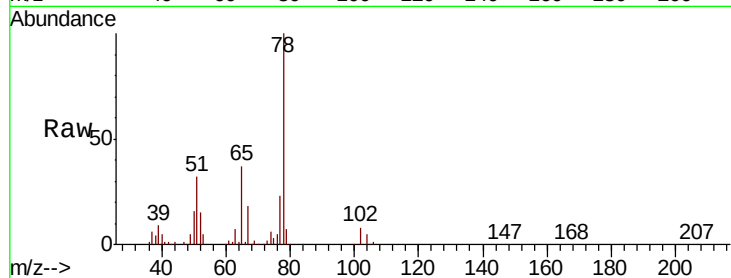




#33
 1,2-Dichloroethane-d4
 Concen: 21.940 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

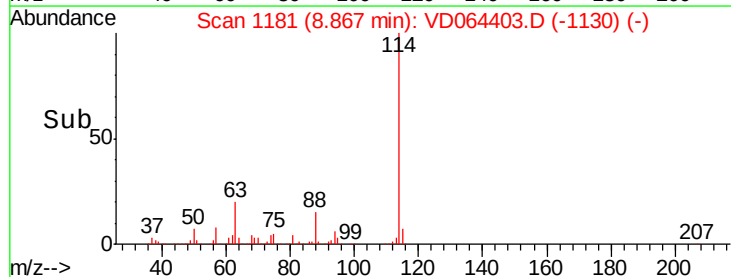
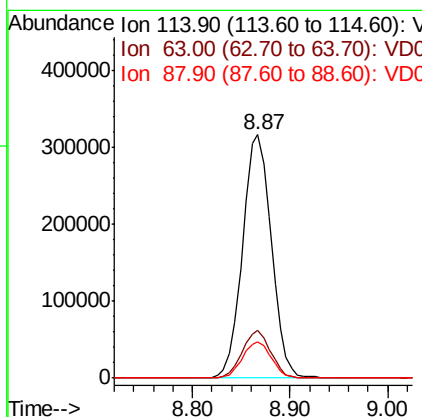
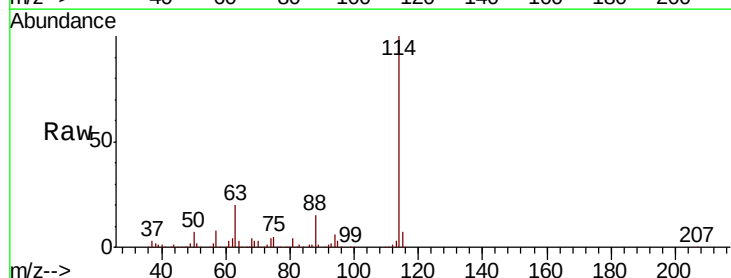
Instrument :
 MSVOA_D
 ClientSampleId :

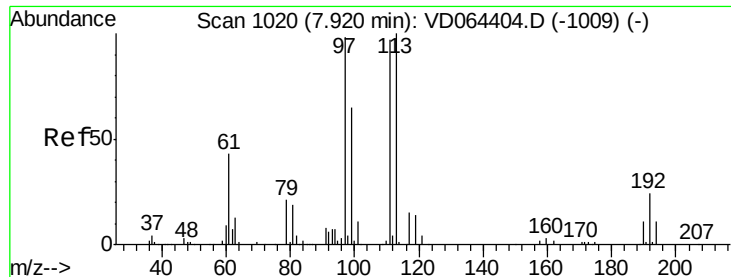
Tot Ion: 65 Resp: 79469
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

Tgt Ion: 114 Resp: 648957
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.0 0.0 29.2

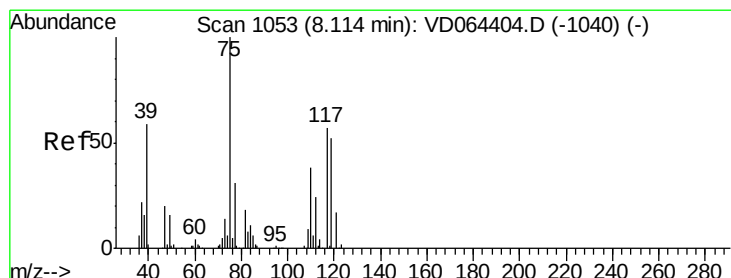
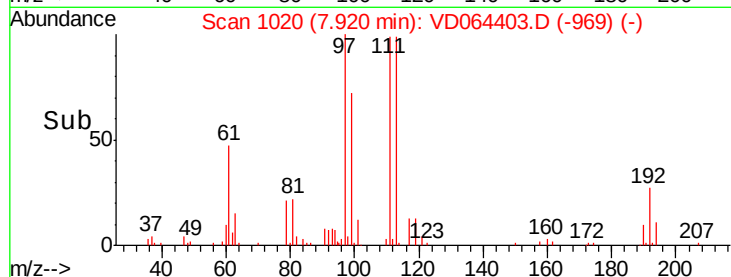
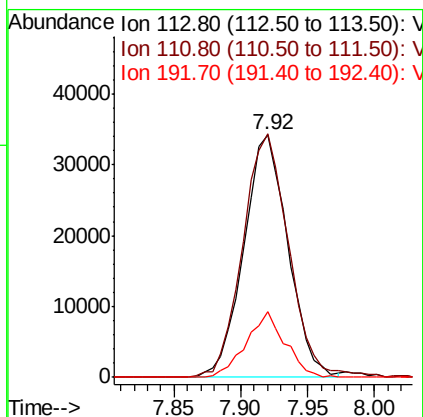
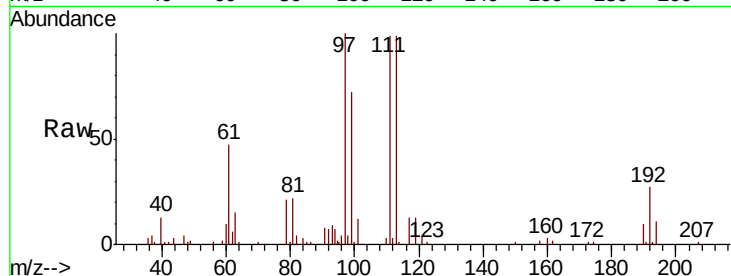




#35
Dibromofluoromethane
Concen: 21.068 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

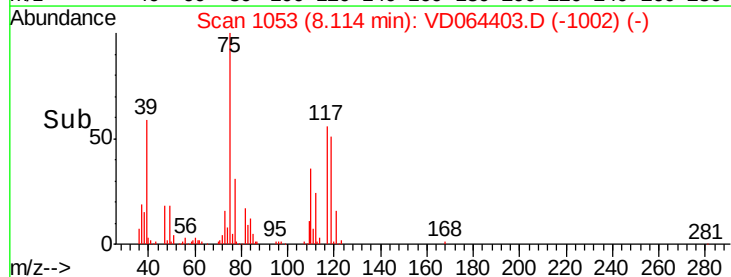
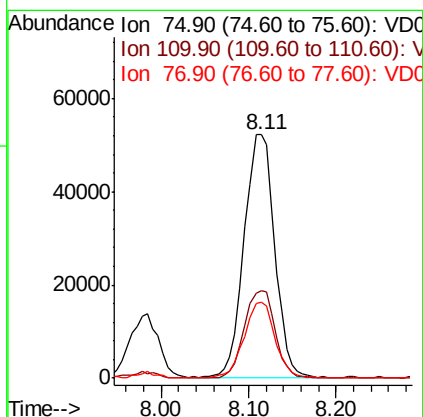
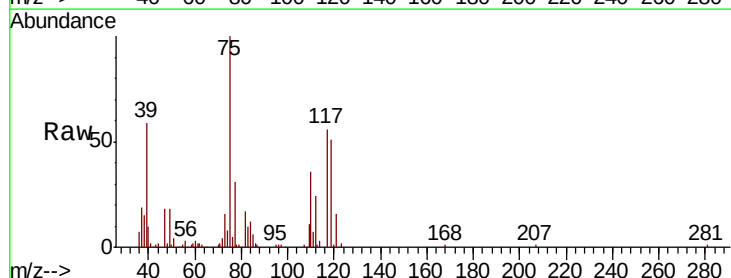
Instrument :
MSVOA_D
ClientSampleId :

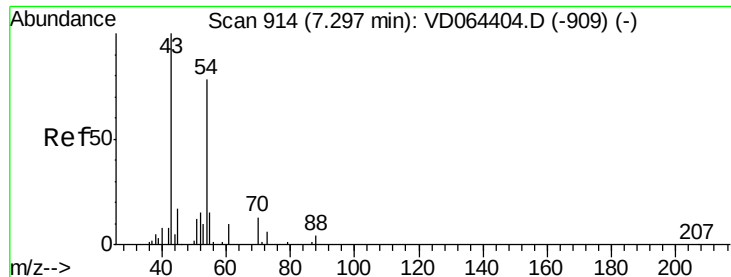
Tot Ion:113 Resp: 78387
Ion Ratio Lower Upper
113 100
111 104.9 79.4 119.2
192 23.8 18.6 28.0



#36
1,1-Dichloropropene
Concen: 20.914 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion: 75 Resp: 124352
Ion Ratio Lower Upper
75 100
110 36.1 18.6 55.8
77 31.4 25.0 37.4

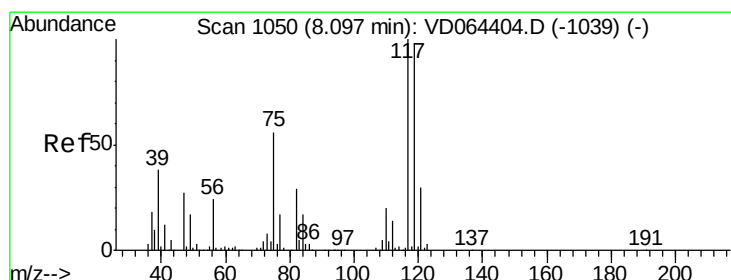
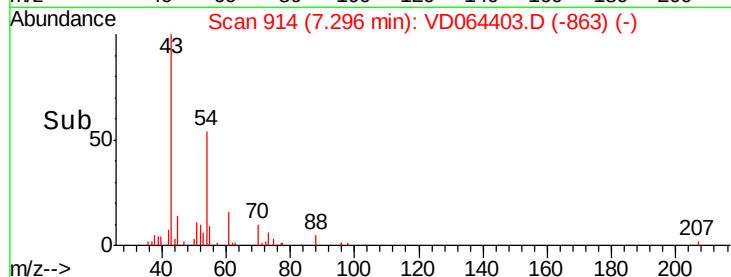
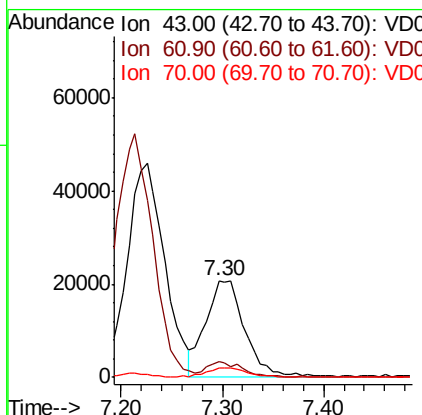
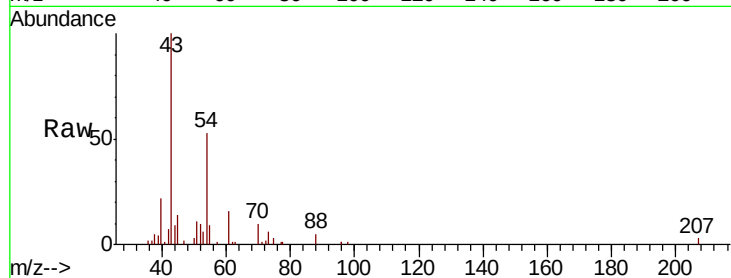




#37
Ethyl Acetate
Concen: 21.749 ug/l
RT: 7.30 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

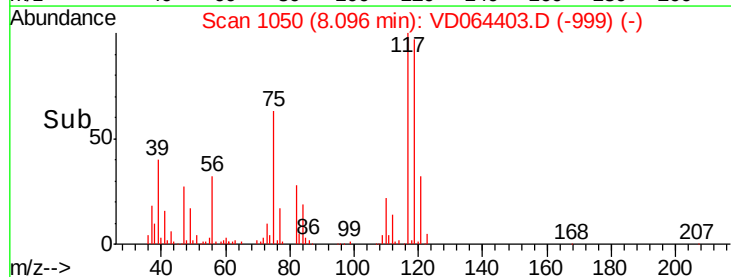
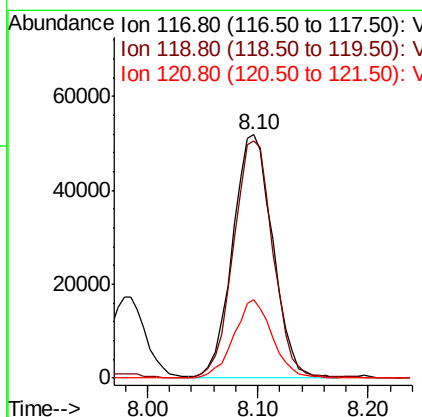
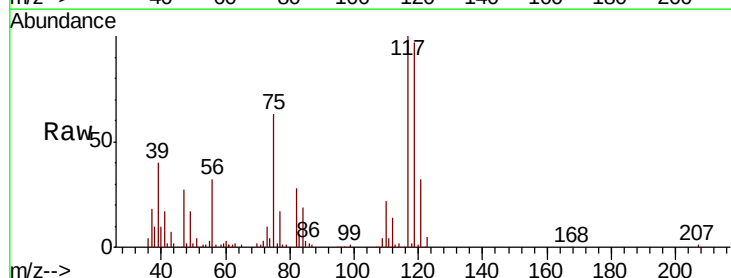
Instrument :
MSVOA_D
ClientSampleId :

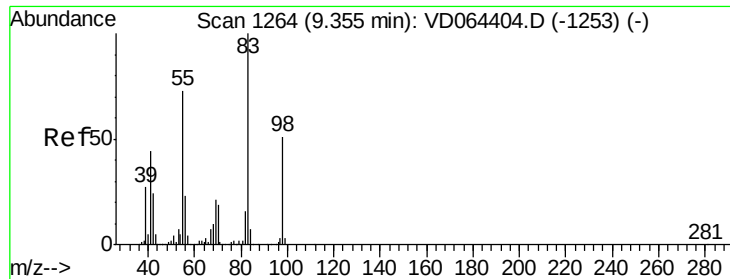
Tot Ion: 43 Resp: 55058
Ion Ratio Lower Upper
43 100
61 15.0 10.9 16.3
70 11.0 8.3 12.5



#38
Carbon Tetrachloride
Concen: 20.515 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion: 117 Resp: 131028
Ion Ratio Lower Upper
117 100
119 97.2 78.8 118.2
121 32.5 24.2 36.2

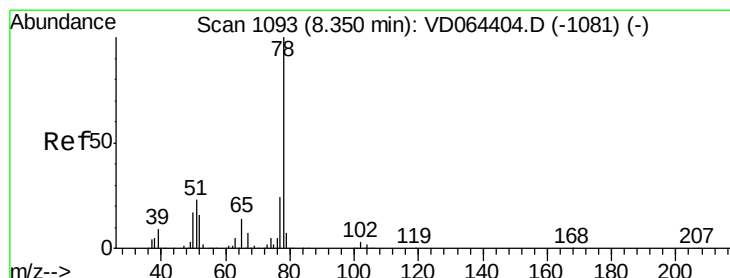
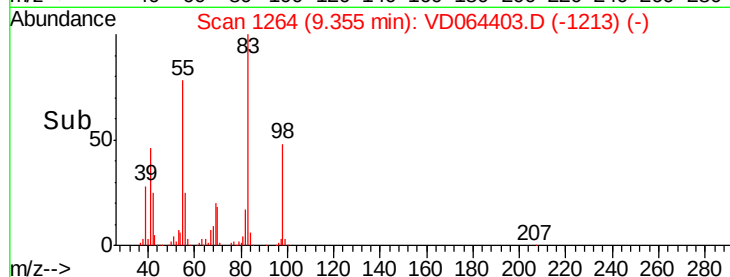
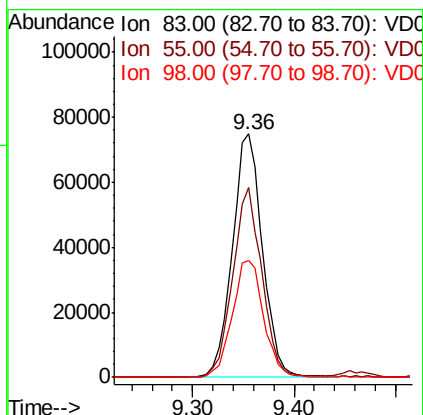
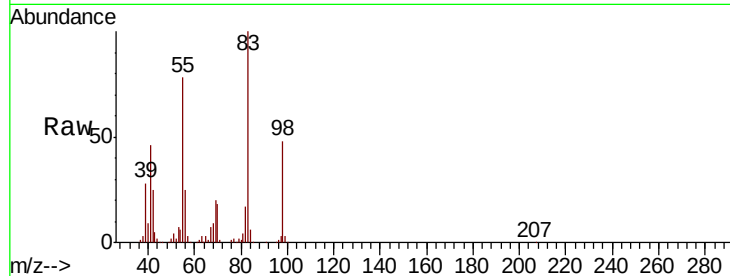




#39
Methylvlcyclohexane
Concen: 20.388 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

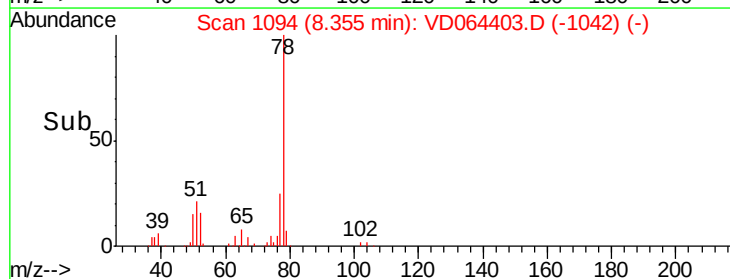
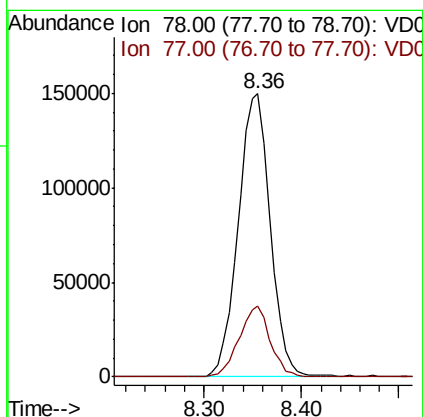
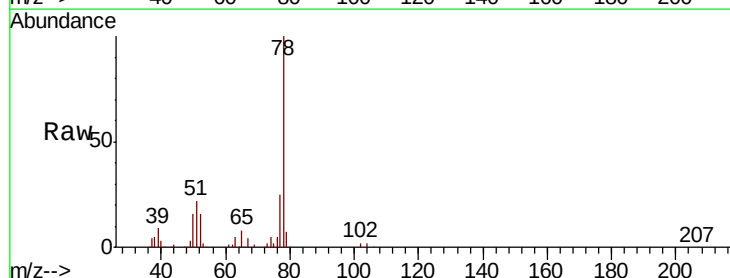
Instrument :
MSVOA_D
ClientSampleId :

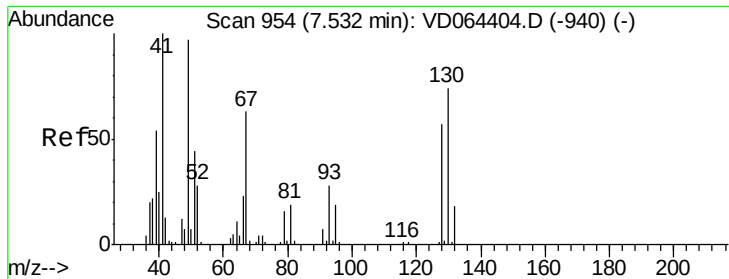
Tot Ion: 83 Resp: 154265
Ion Ratio Lower Upper
83 100
55 77.9 58.6 87.8
98 47.8 40.9 61.3



#40
Benzene
Concen: 20.936 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion: 78 Resp: 342767
Ion Ratio Lower Upper
78 100
77 24.9 19.6 29.4

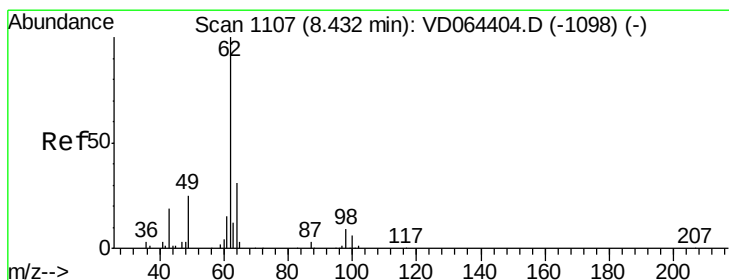
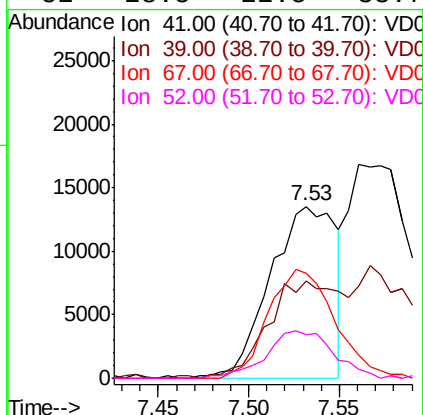
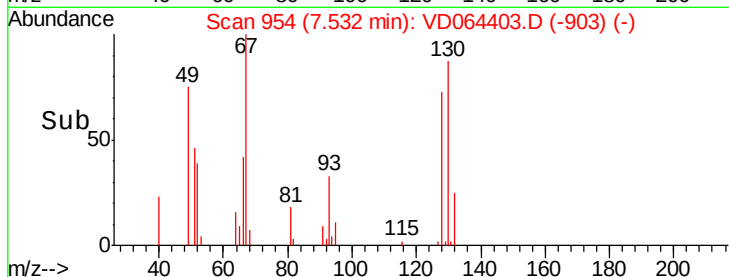
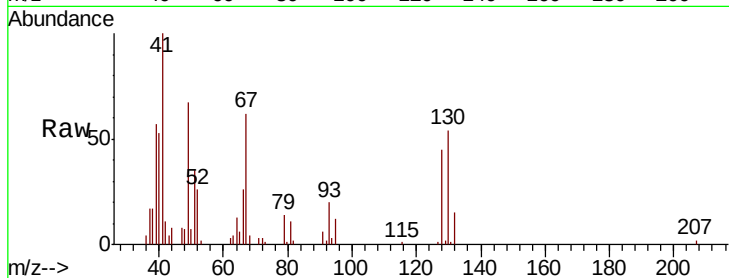




#41
Methacrylonitrile
Concen: 21.596 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

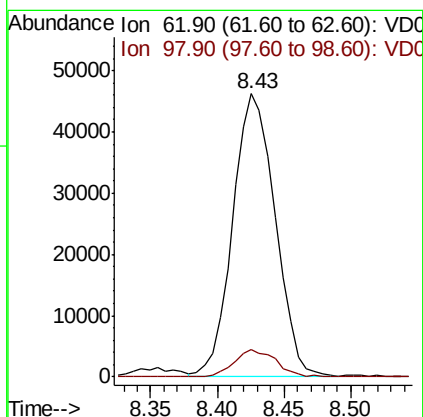
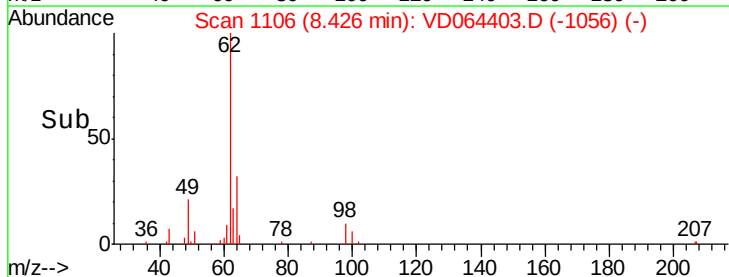
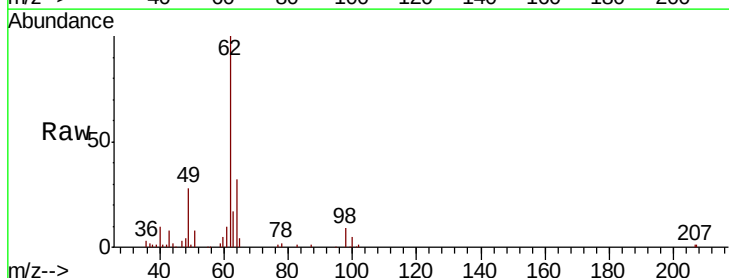
Instrument :
MSVOA_D
ClientSampleId :

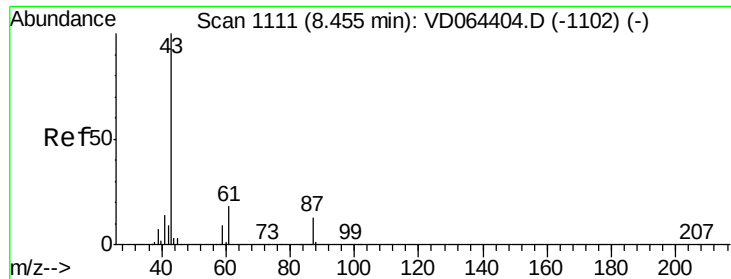
Tot Ion: 41 Resp: 34244
Ion Ratio Lower Upper
41 100
39 64.3 44.6 67.0
67 64.1 50.9 76.3
52 28.5 22.5 33.7



#42
1,2-Dichloroethane
Concen: 20.729 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion: 62 Resp: 101532
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.6





#43

Isopropyl Acetate

Concen: 20.195 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

ClientSampleId :

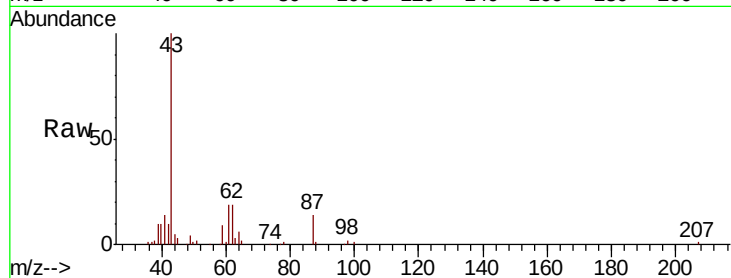
Tot Ion: 43 Resp: 104555

Ion Ratio Lower Upper

43 100

61 29.2 24.0 36.0

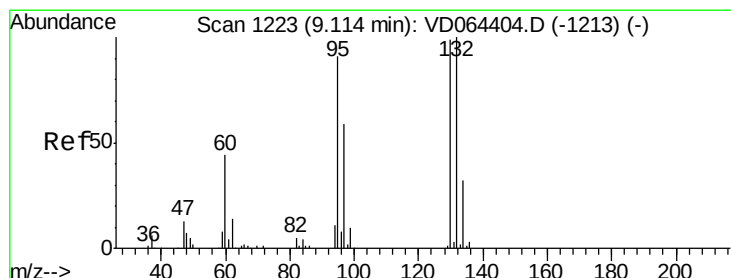
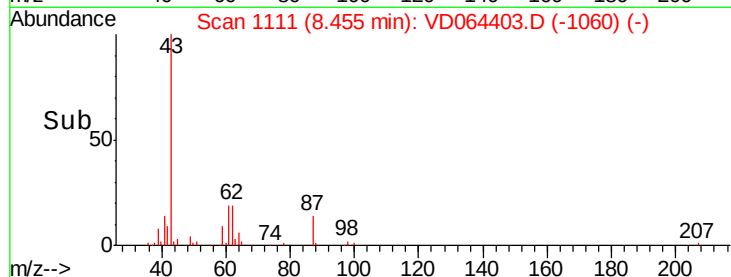
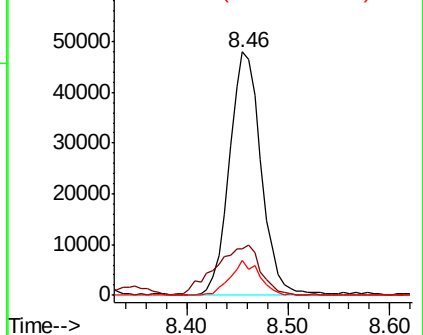
87 13.4 10.6 15.8



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: 21.719 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD064403.D

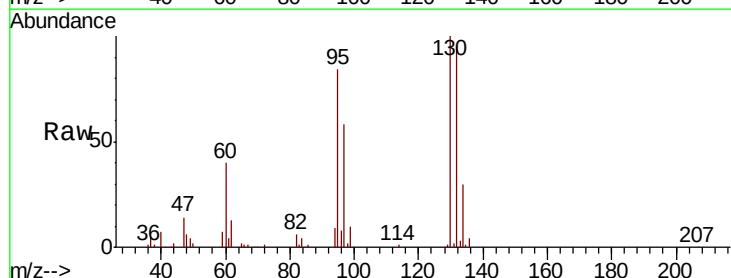
Acq: 27 Nov 2019 18:50

Tgt Ion:130 Resp: 106408

Ion Ratio Lower Upper

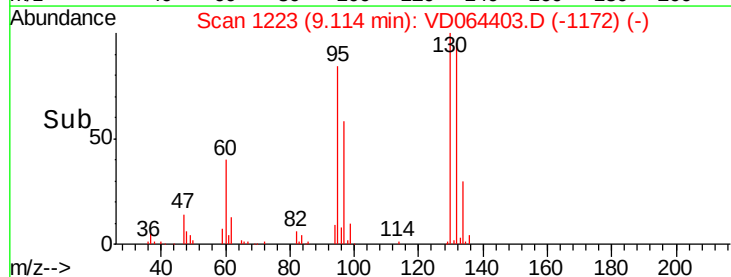
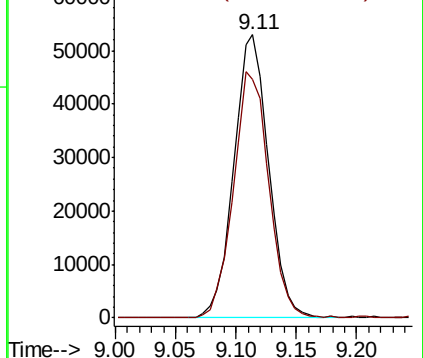
130 100

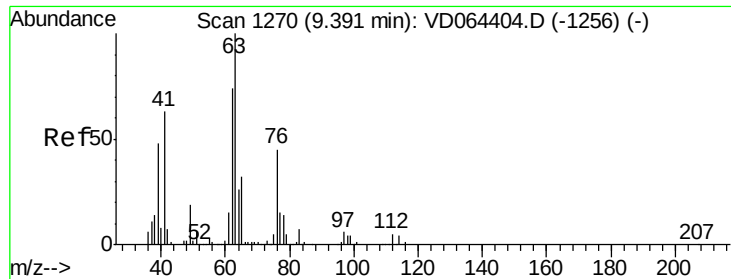
95 84.3 0.0 184.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

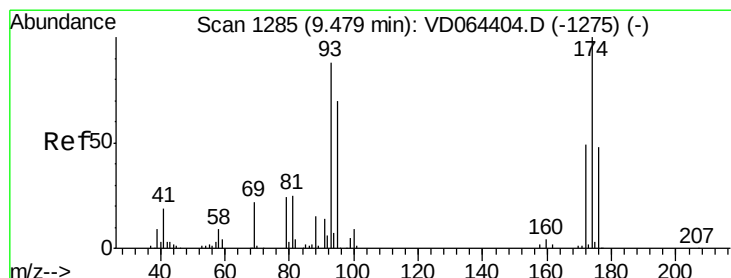
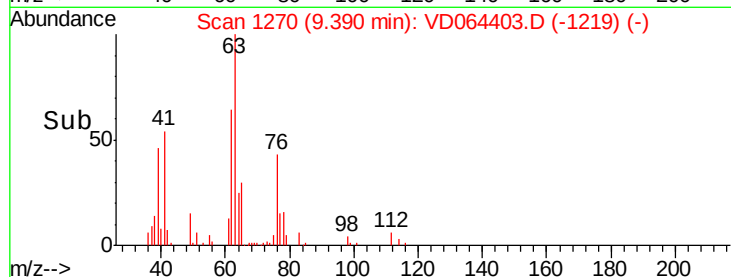
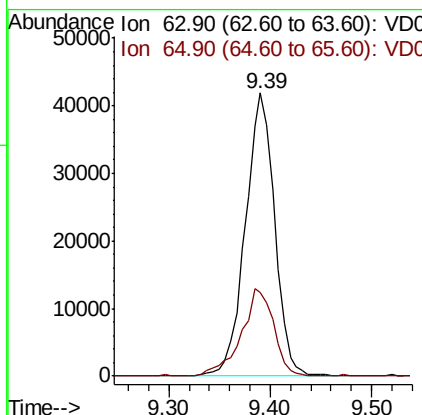
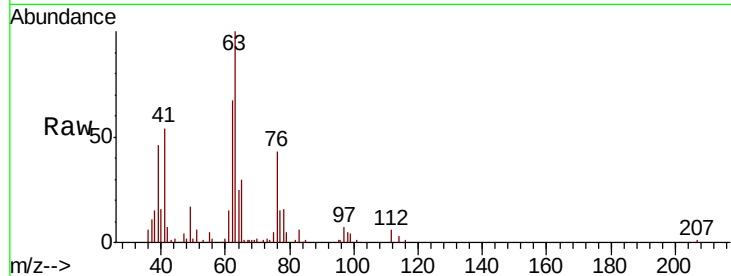




#45
 1,2-Dichloropropane
 Concen: 21.009 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

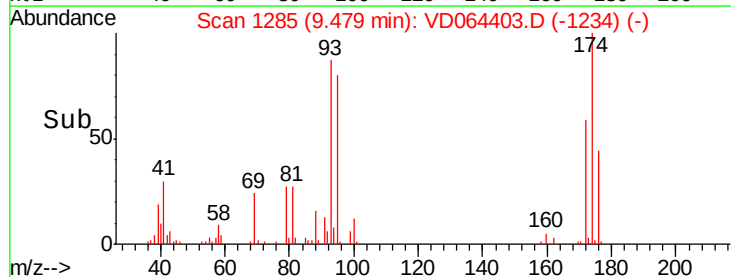
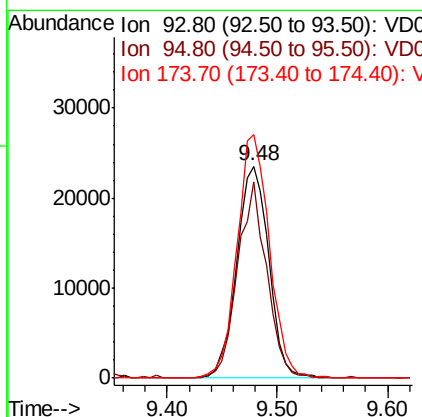
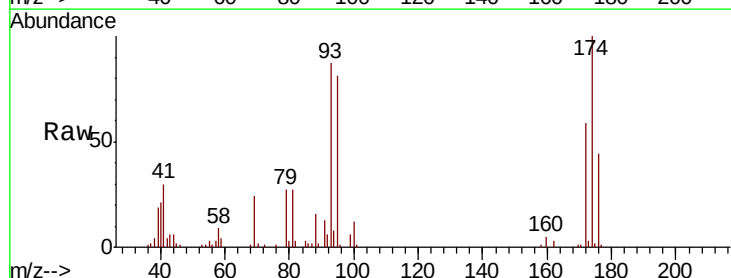
Instrument :
 MSVOA_D
 ClientSampled :

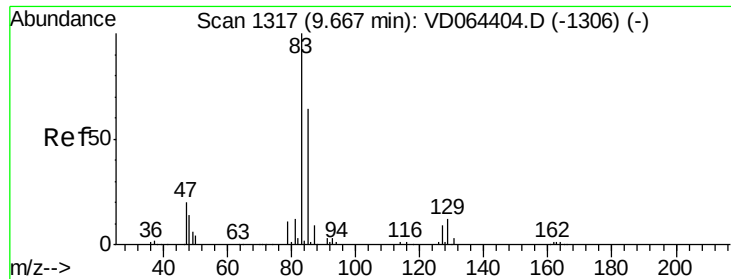
Tot Ion: 63 Resp: 83896
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.4 38.0



#46
 Dibromomethane
 Concen: 22.367 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

Tgt Ion: 93 Resp: 48171
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.7 100.1
 174 115.9 92.3 138.5





#47

Bromodichloromethane

Concen: 20.816 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

ClientSampleId :

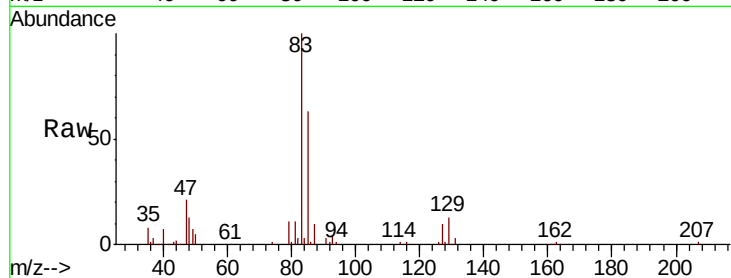
Tot Ion: 83 Resp: 120014

Ion Ratio Lower Upper

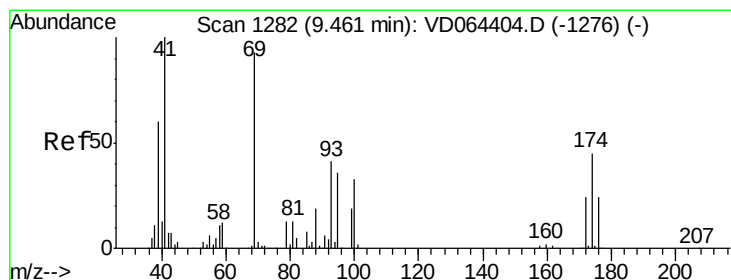
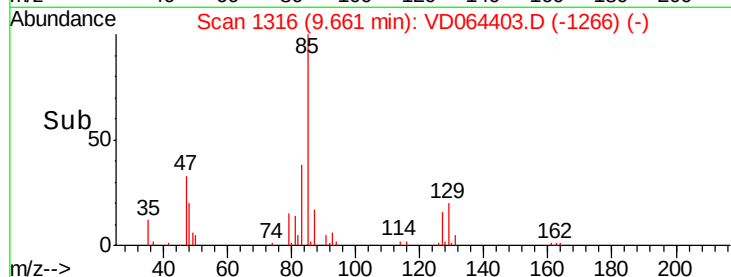
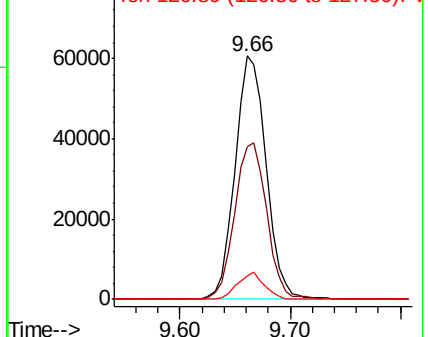
83 100

85 62.9 51.1 76.7

127 9.7 7.4 11.0



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



#48

Methyl methacrylate

Concen: 19.399 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

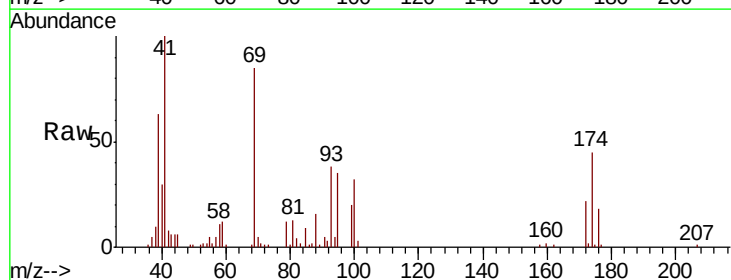
Tgt Ion: 41 Resp: 48728

Ion Ratio Lower Upper

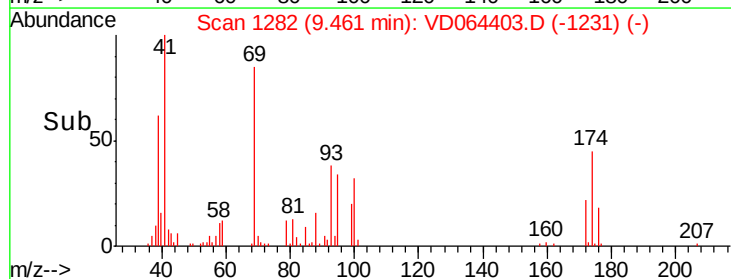
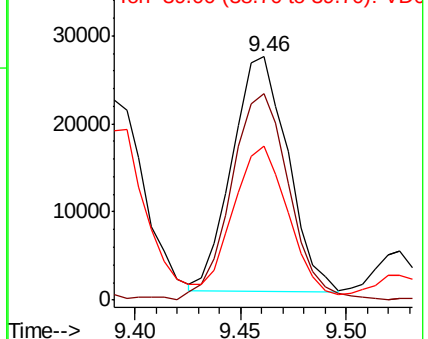
41 100

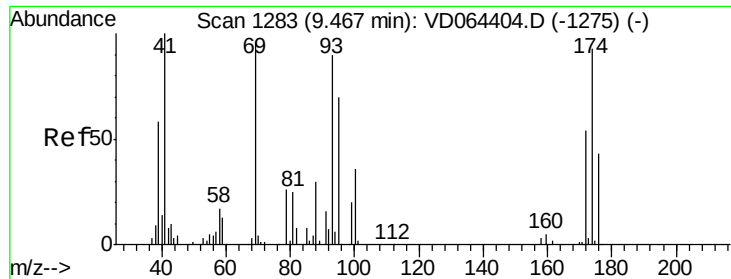
69 91.6 72.0 108.0

39 61.3 55.2 82.8



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





#49

1,4-Dioxane

Concen: 481.029 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :
MSVOA_D
ClientSampled :

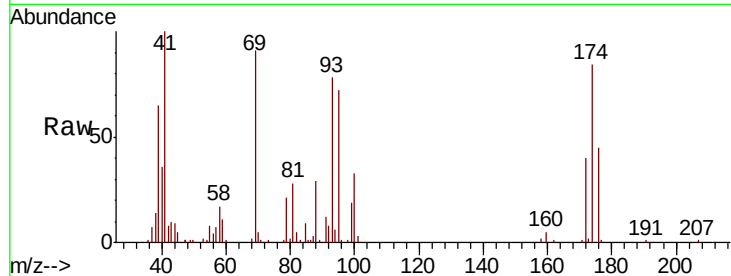
Tot Ion: 88 Resp: 12459

Ion Ratio Lower Upper

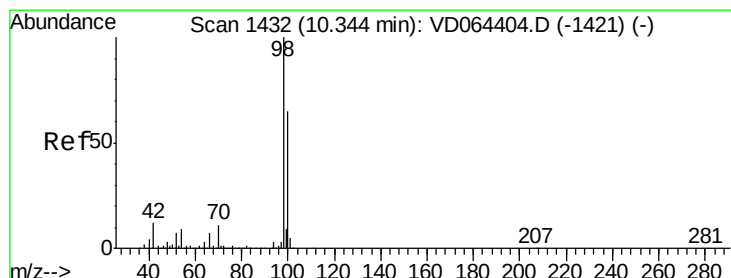
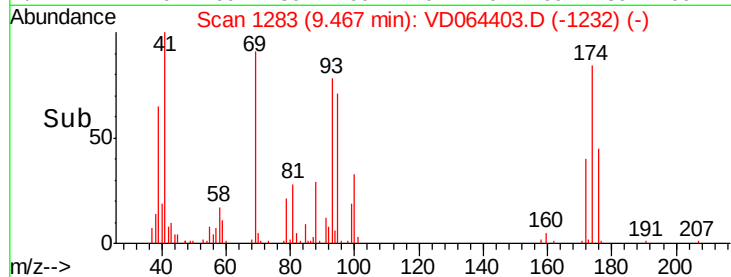
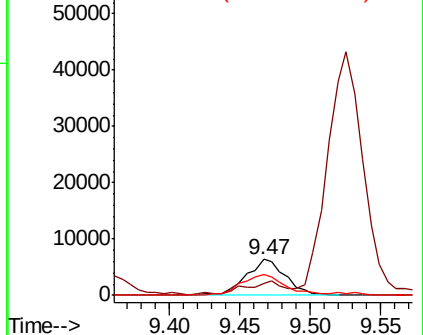
88 100

43 40.6 26.7 40.1#

58 64.8 52.3 78.5



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: 21.734 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064403.D

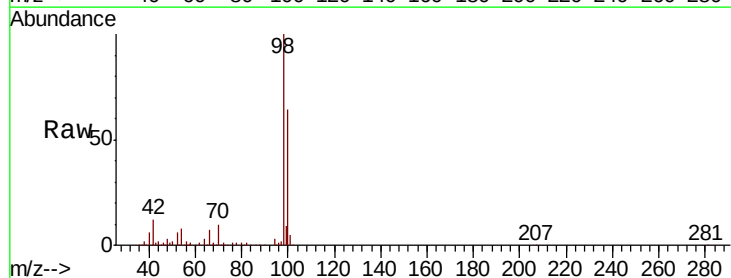
Acq: 27 Nov 2019 18:50

Tgt Ion: 98 Resp: 303690

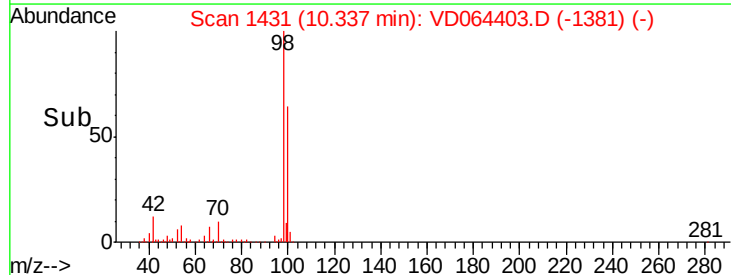
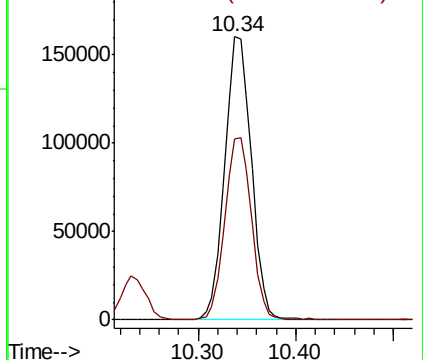
Ion Ratio Lower Upper

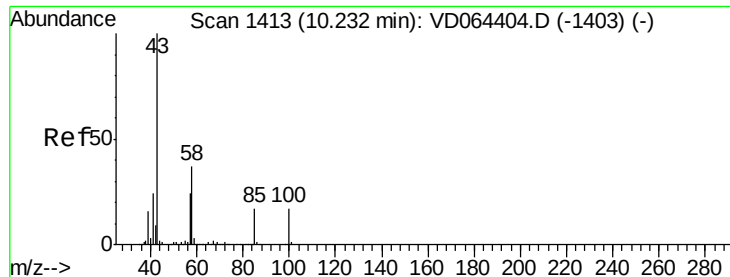
98 100

100 63.7 52.6 79.0



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

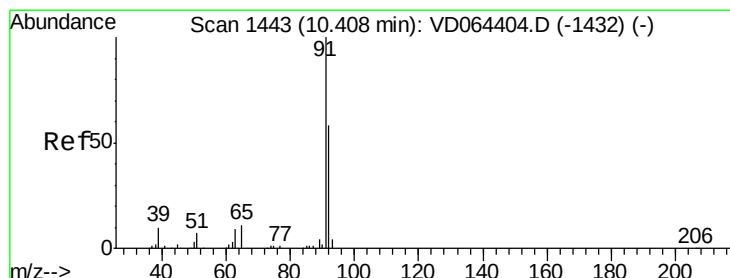
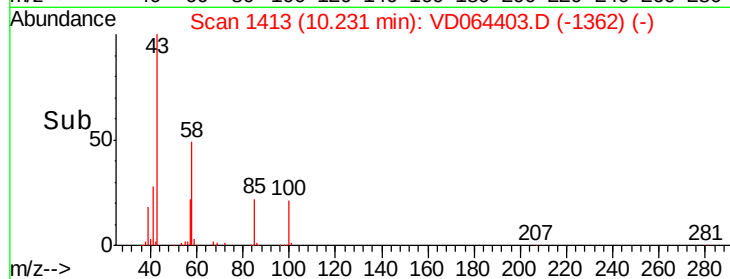
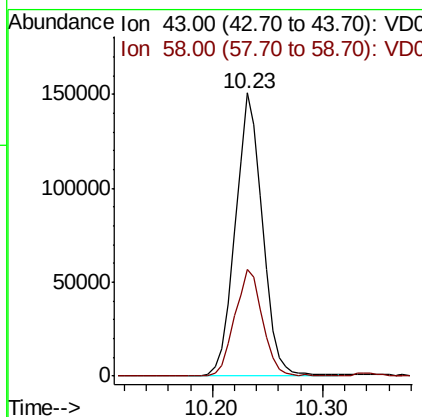
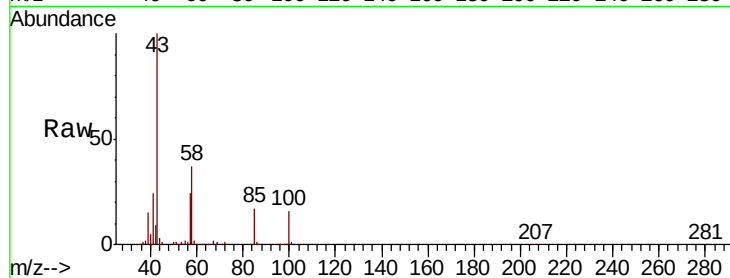




#51
 4-Methyl-2-Pentanone
 Concen: 104.388 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

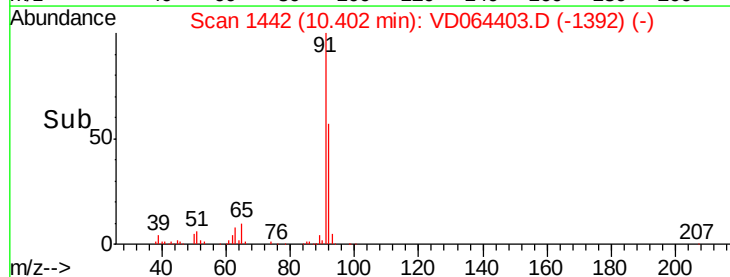
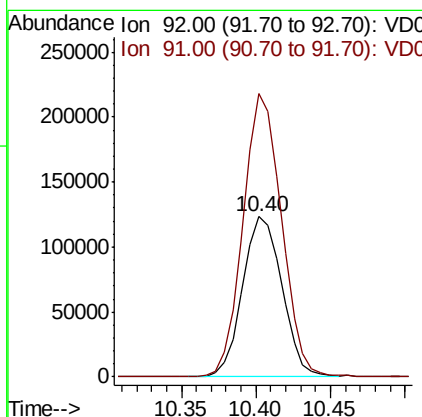
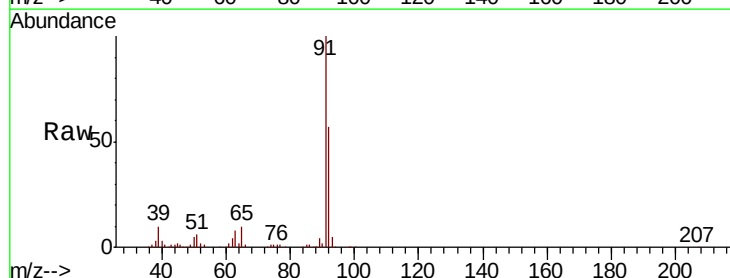
Instrument :
 MSVOA_D
 ClientSampleId :

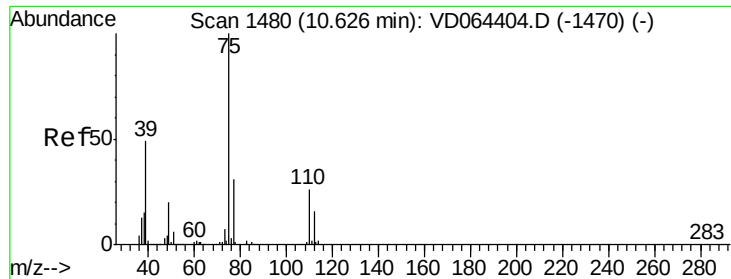
Tot Ion: 43 Resp: 260519
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.6 46.0



#52
 Toluene
 Concen: 21.020 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

Tgt Ion: 92 Resp: 225781
 Ion Ratio Lower Upper
 92 100
 91 172.8 137.8 206.6





#53

t-1,3-Dichloropropene

Concen: 20.056 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

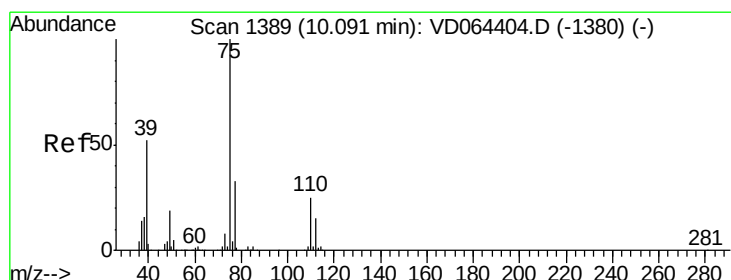
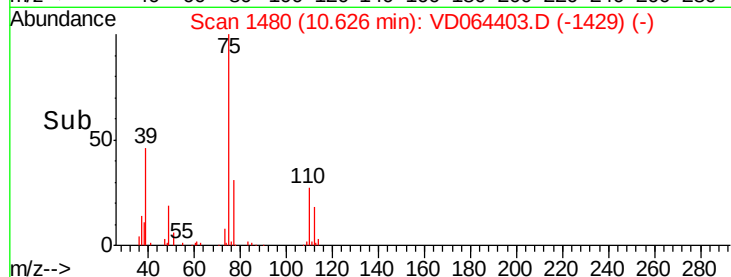
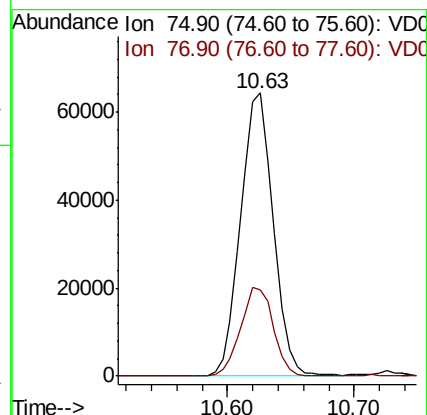
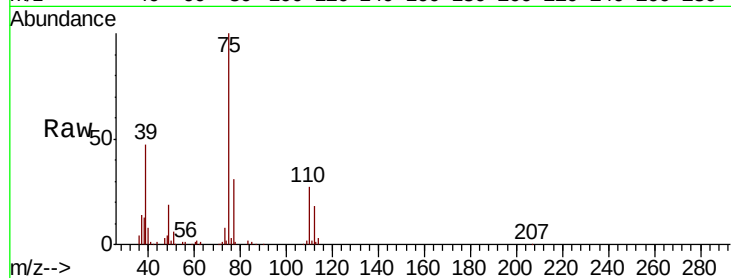
ClientSampleId :

Tot Ion: 75 Resp: 114877

Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.189 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

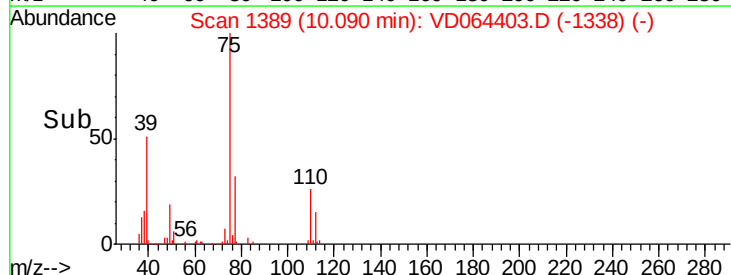
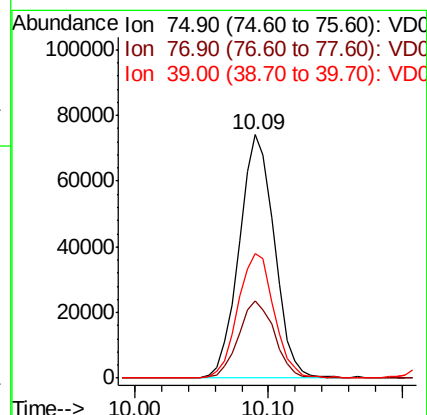
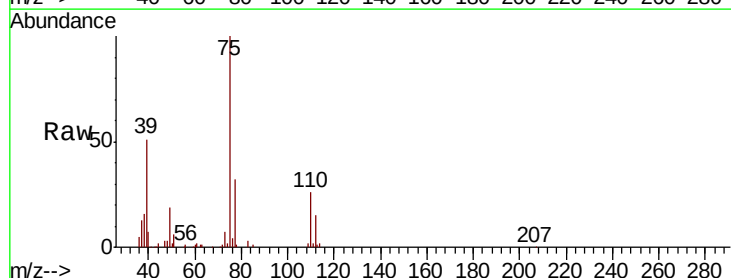
Tgt Ion: 75 Resp: 135192

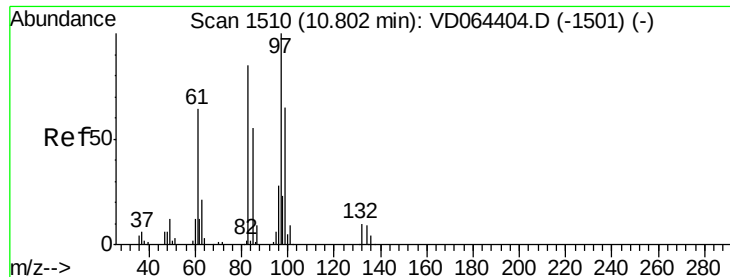
Ion Ratio Lower Upper

75 100

77 31.6 26.1 39.1

39 51.2 41.5 62.3





#55

1,1,2-Trichloroethane

Concen: 22.005 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

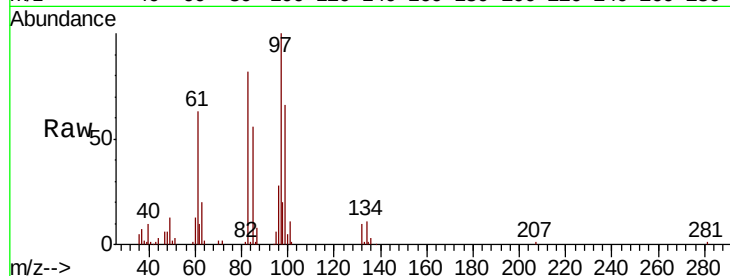
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 97 Resp: 64157

Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.8	101.8
85	55.5	43.7	65.5
99	66.4	51.7	77.5

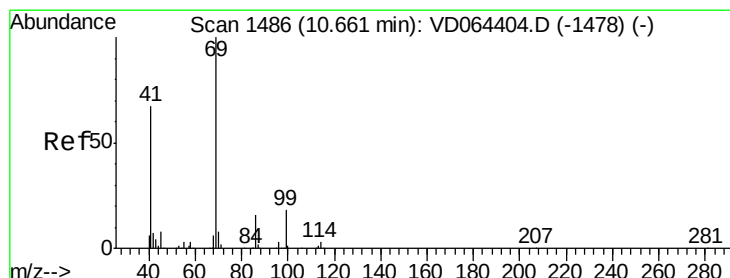
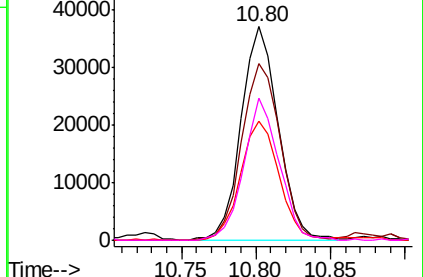
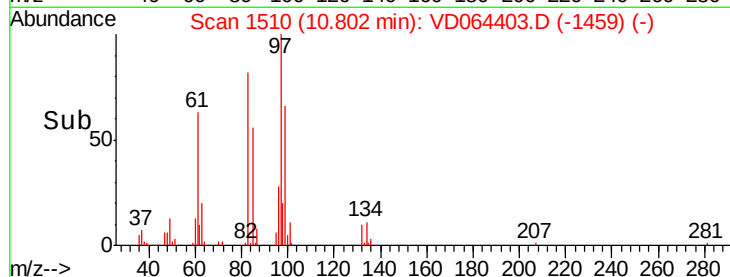


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 20.268 ug/l

RT: 10.67 min Scan# 1487

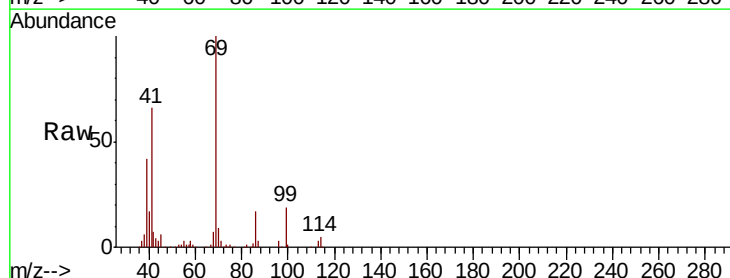
Delta R.T. 0.01 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Tgt Ion: 69 Resp: 81834

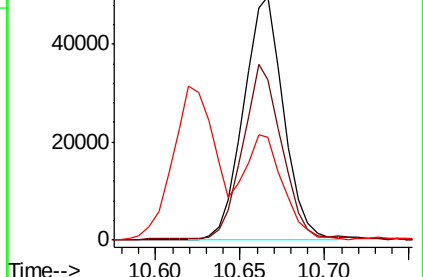
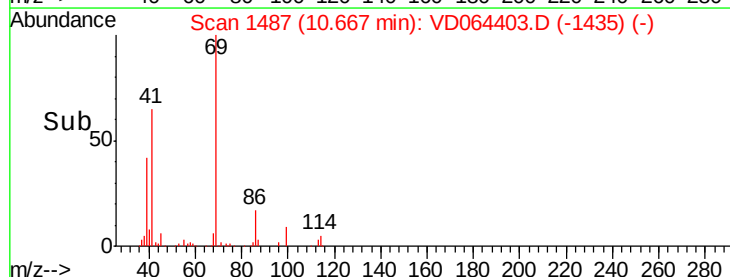
Ion	Ratio	Lower	Upper
69	100		
41	69.2	55.0	82.4
39	43.3	33.0	49.6

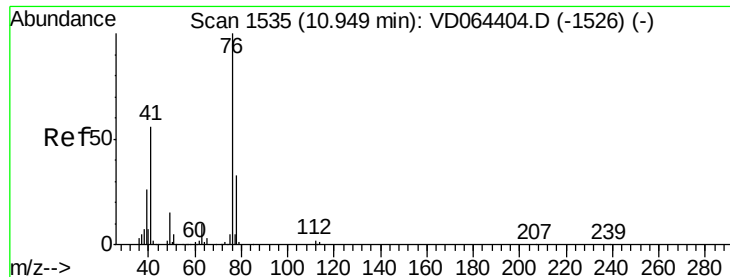


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.828 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

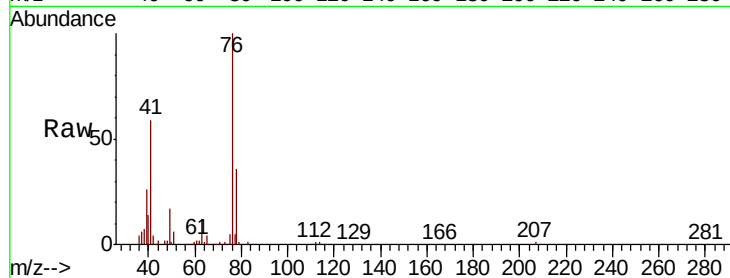
ClientSampleId :

Tot Ion: 76 Resp: 110704

Ion Ratio Lower Upper

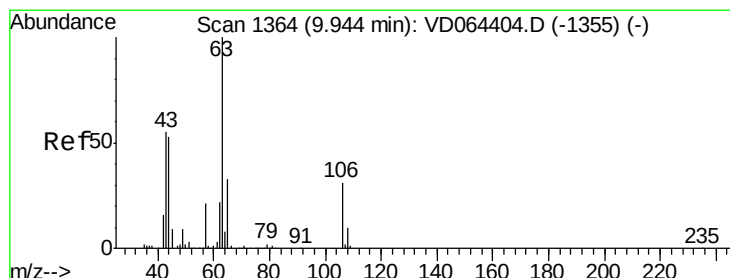
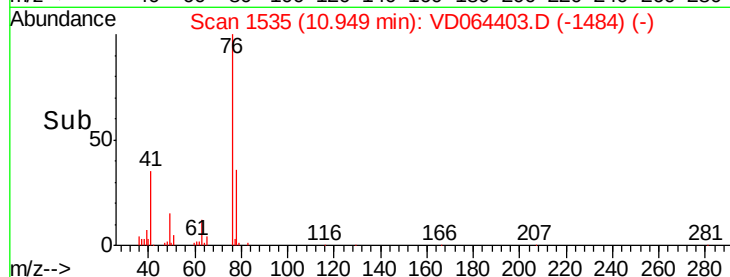
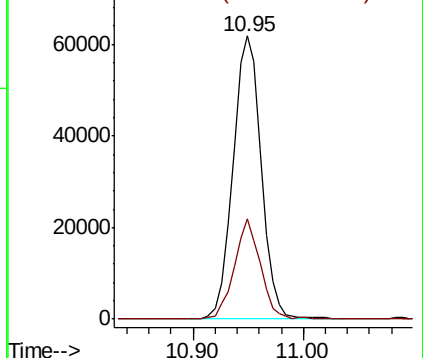
76 100

78 32.8 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 109.341 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD064403.D

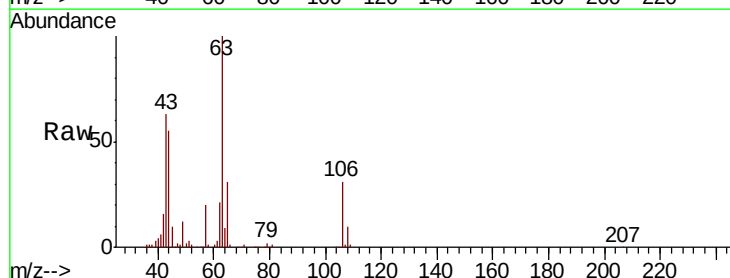
Acq: 27 Nov 2019 18:50

Tgt Ion: 63 Resp: 175896

Ion Ratio Lower Upper

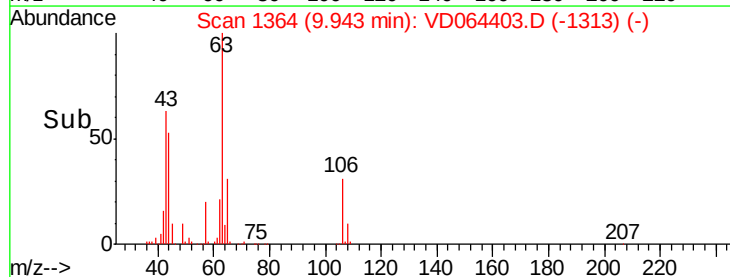
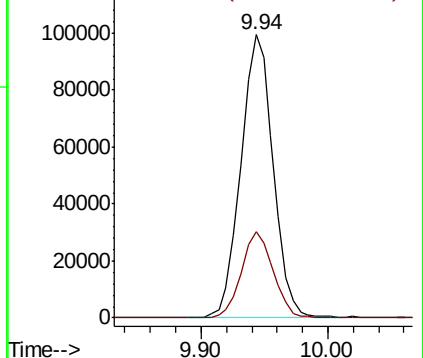
63 100

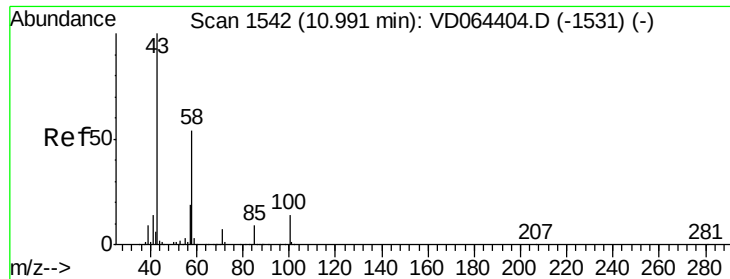
106 29.9 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

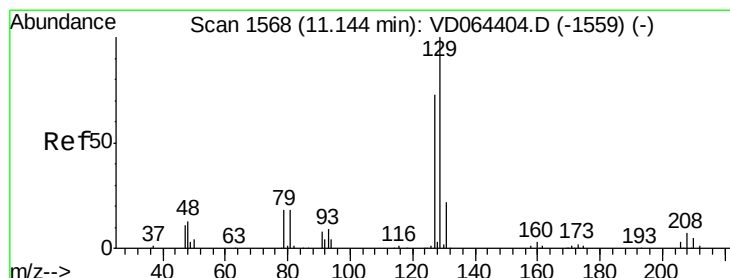
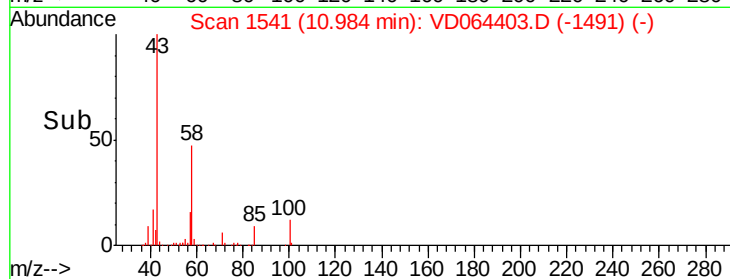
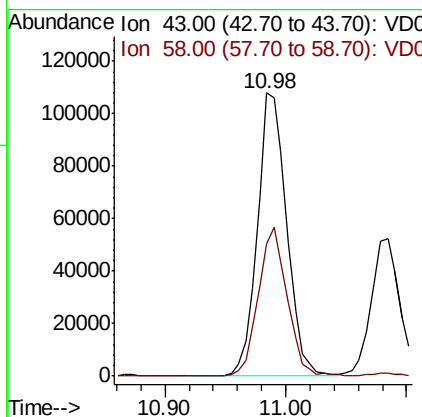
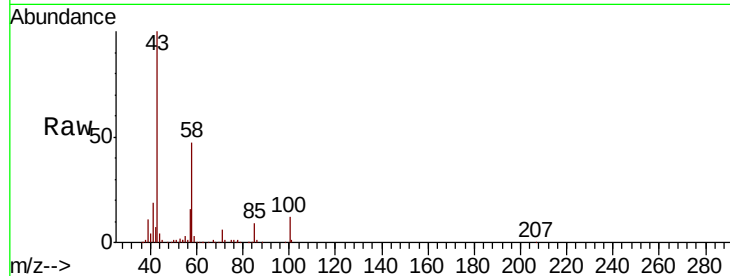




#59
2-Hexanone
Concen: 103.115 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

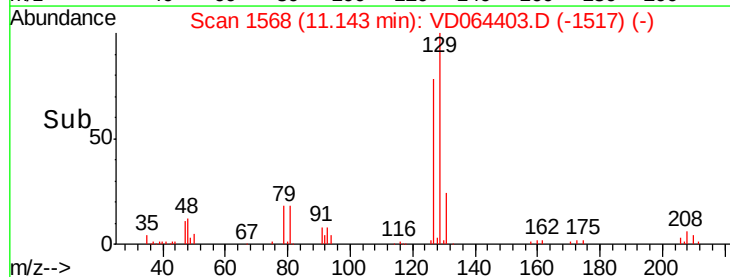
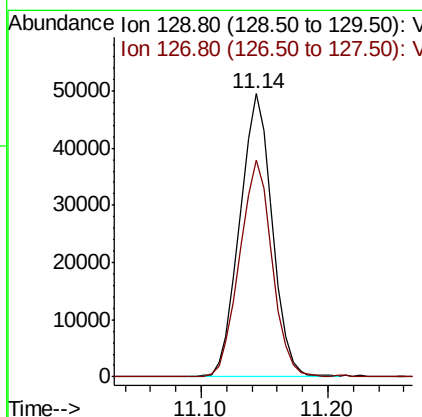
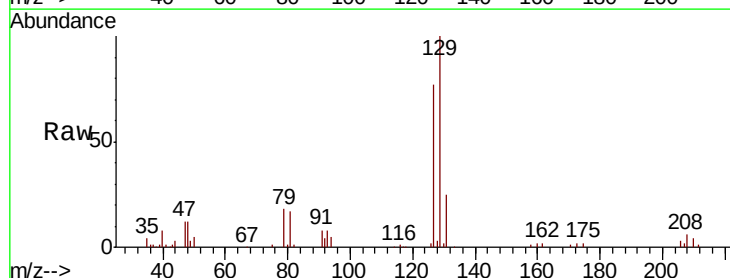
Instrument :
MSVOA_D
ClientSampleId :

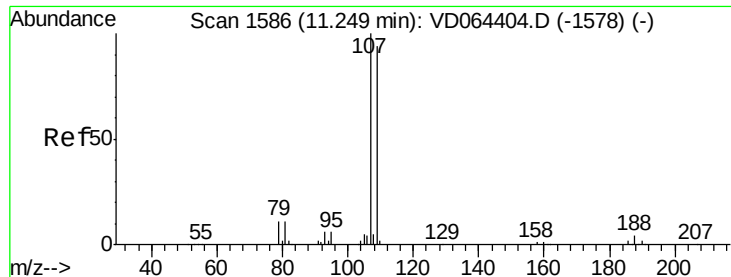
Tot Ion: 43 Resp: 181970
Ion Ratio Lower Upper
43 100
58 51.7 26.3 78.8



#60
Dibromochloromethane
Concen: 21.645 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion: 129 Resp: 87976
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.3

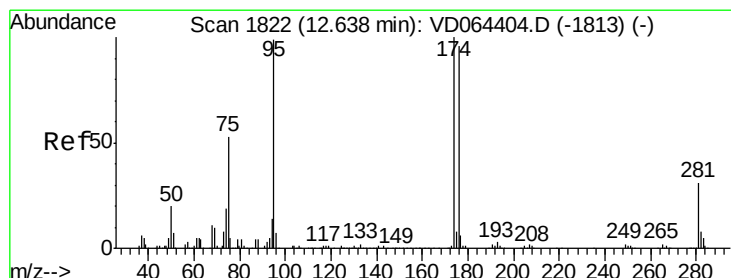
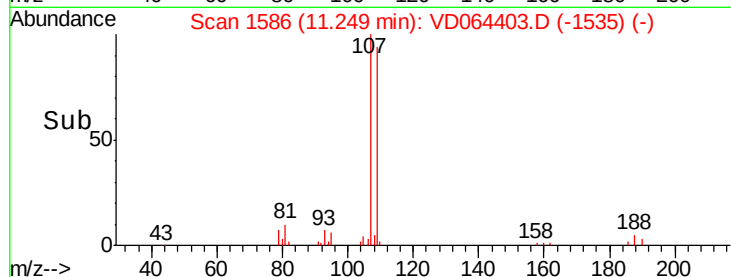
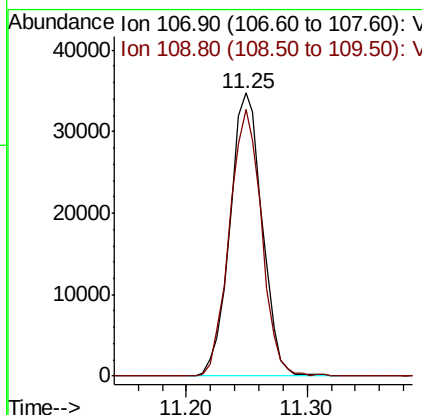
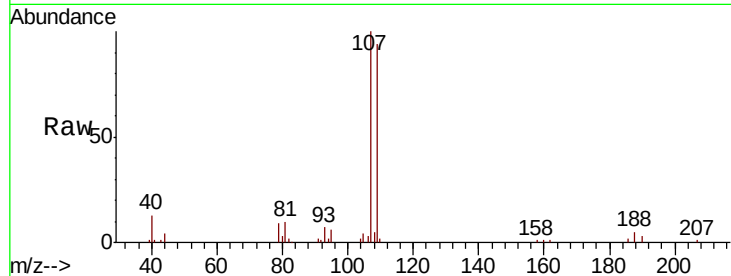




#61
 1,2-Dibromoethane
 Concen: 22.135 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

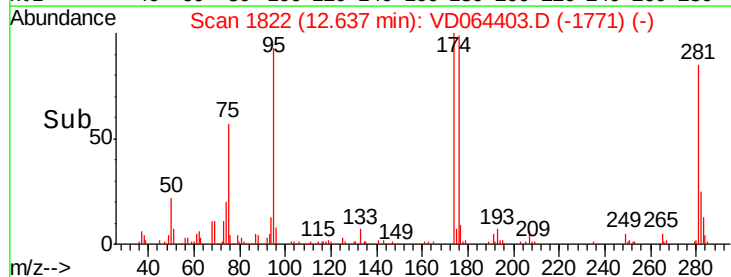
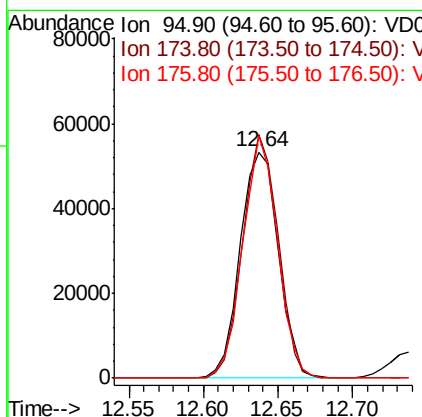
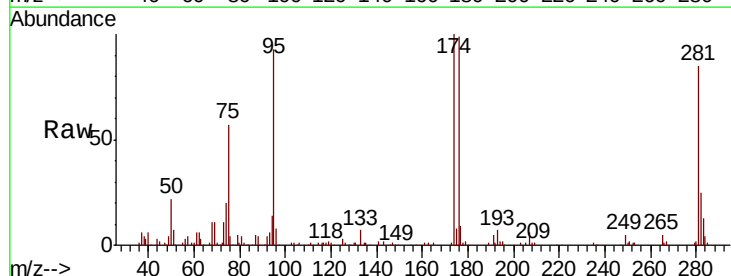
Instrument :
 MSVOA_D
 ClientSampleId :

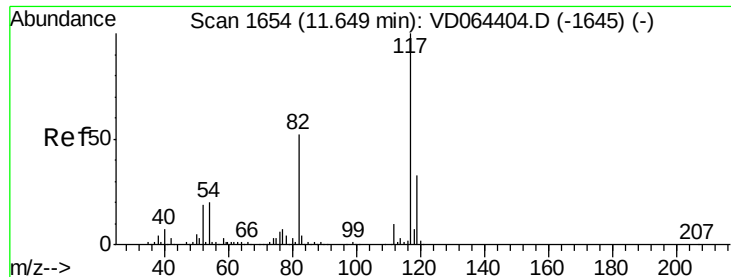
Tot Ion:107 Resp: 64665
 Ion Ratio Lower Upper
 107 100
 109 93.4 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 19.840 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

Tgt Ion: 95 Resp: 94995
 Ion Ratio Lower Upper
 95 100
 174 99.2 0.0 197.2
 176 96.4 0.0 189.6

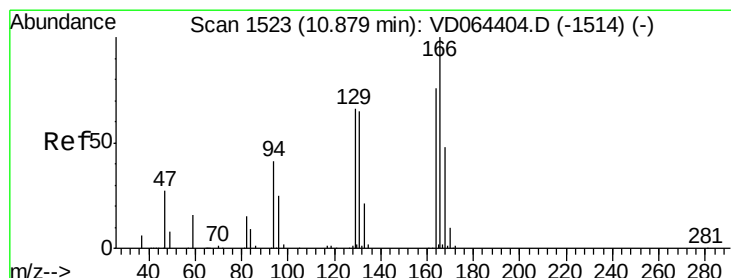
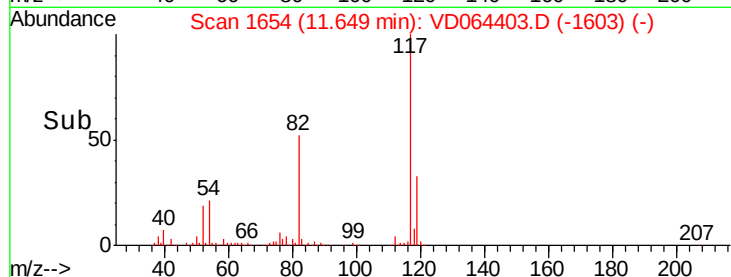
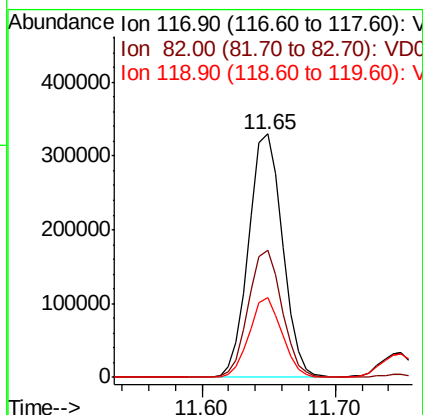
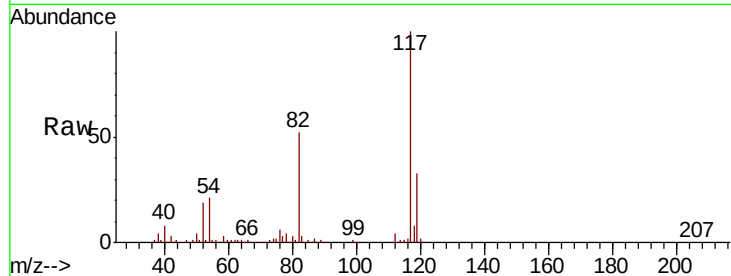




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

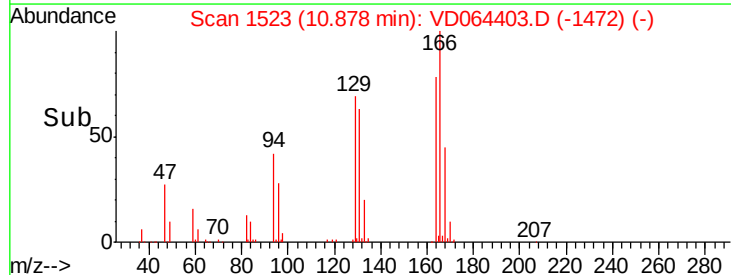
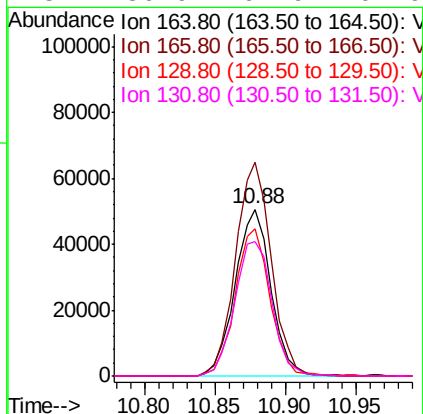
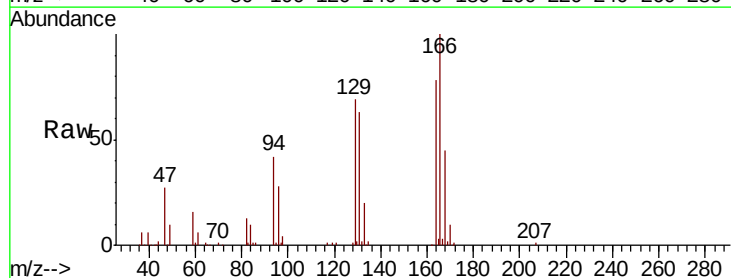
Instrument :
MSVOA_D
ClientSampled :

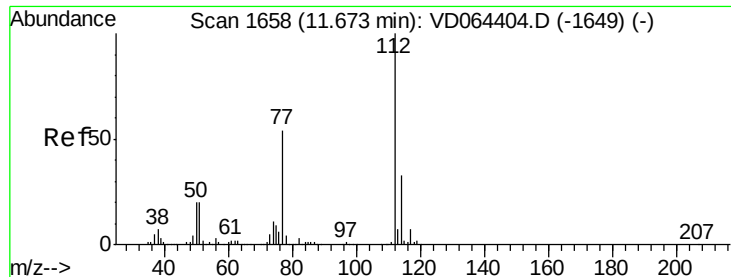
Tot Ion:117 Resp: 578853
Ion Ratio Lower Upper
117 100
82 52.3 41.4 62.2
119 32.6 26.2 39.2



#64
Tetrachloroethene
Concen: 20.201 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion:164 Resp: 89257
Ion Ratio Lower Upper
164 100
166 128.3 104.8 157.2
129 88.8 68.7 103.1
131 80.9 67.9 101.9

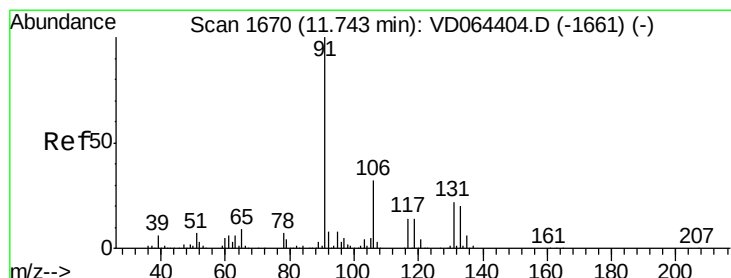
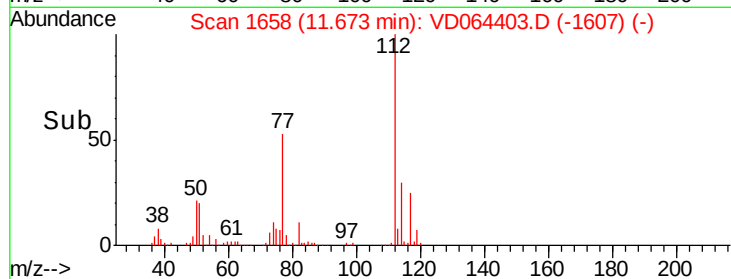
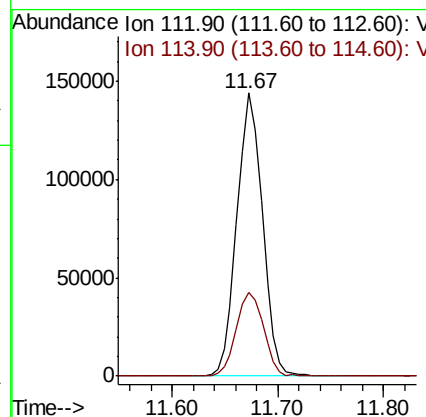
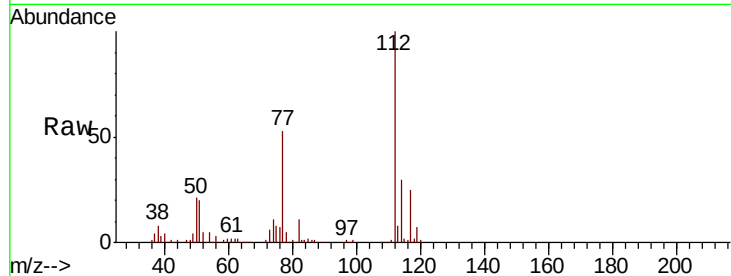




#65
Chlorobenzene
Concen: 20.536 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

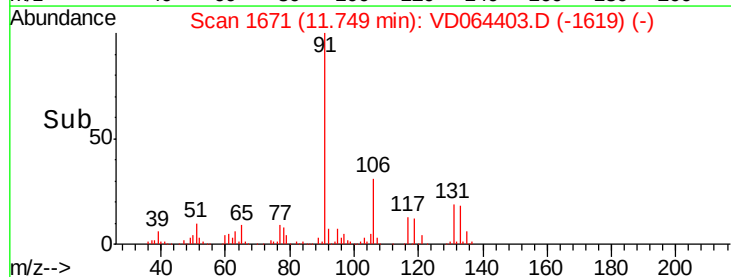
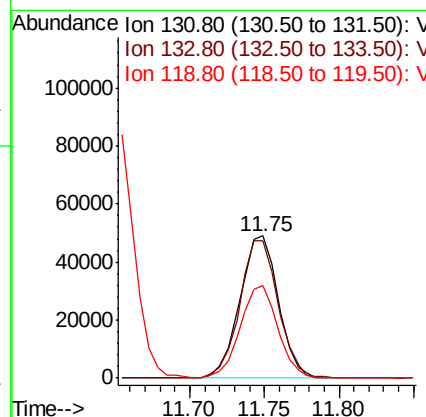
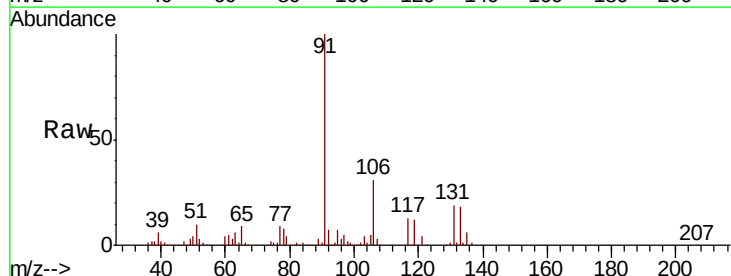
Instrument :
MSVOA_D
ClientSampleId :

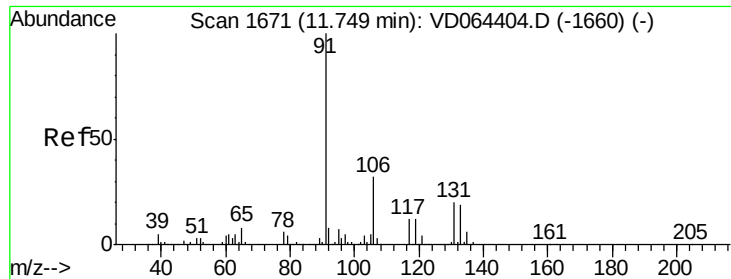
Tot Ion:112 Resp: 241276
Ion Ratio Lower Upper
112 100
114 29.6 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.562 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion:131 Resp: 87313
Ion Ratio Lower Upper
131 100
133 97.9 48.3 144.9
119 64.0 31.9 95.9

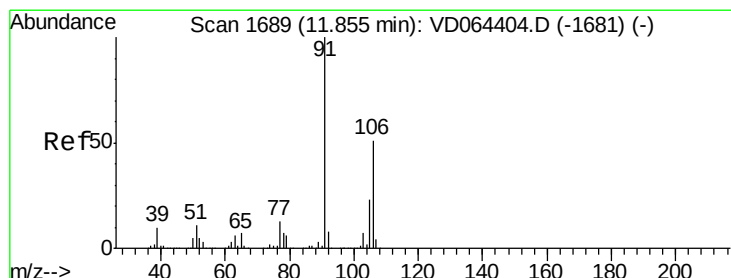
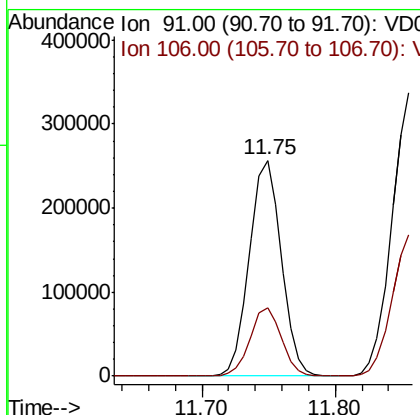
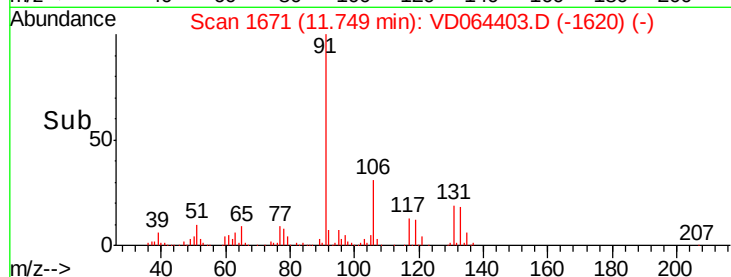
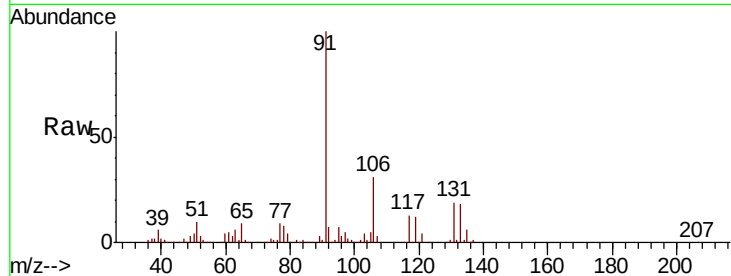




#67
Ethyl Benzene
Concen: 20.030 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

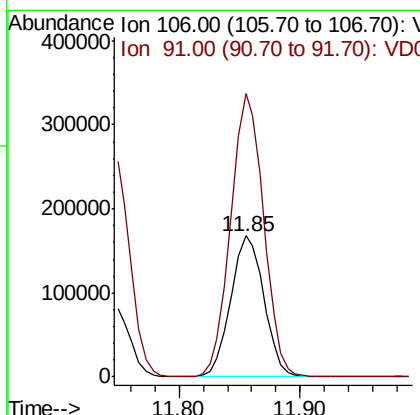
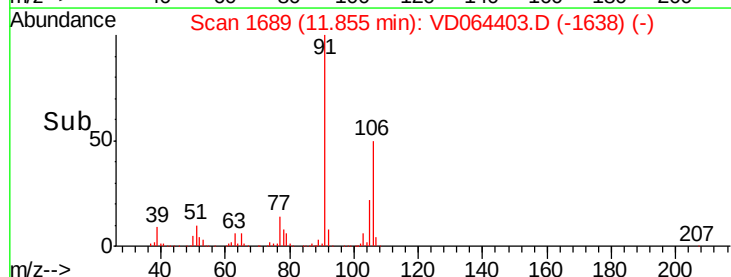
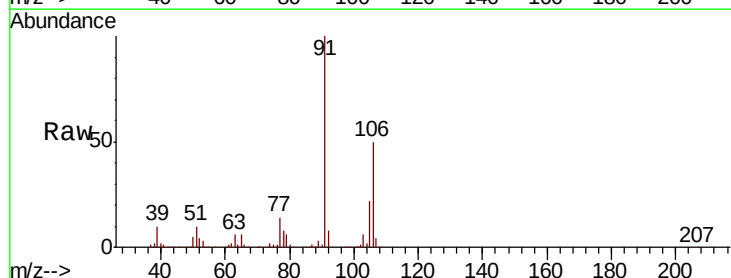
Instrument :
MSVOA_D
ClientSampleId :

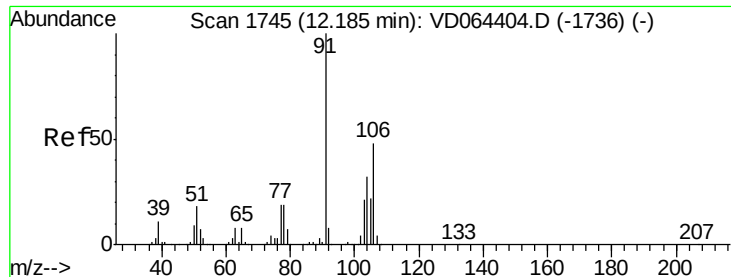
Tot Ion: 91 Resp: 424732
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.8



#68
m/p-Xylenes
Concen: 39.631 ug/l
RT: 11.85 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion: 106 Resp: 321909
Ion Ratio Lower Upper
106 100
91 199.9 157.4 236.2

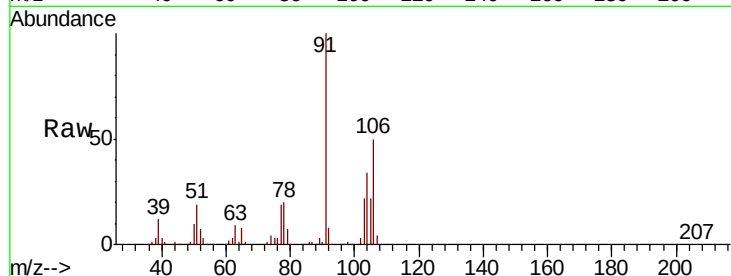




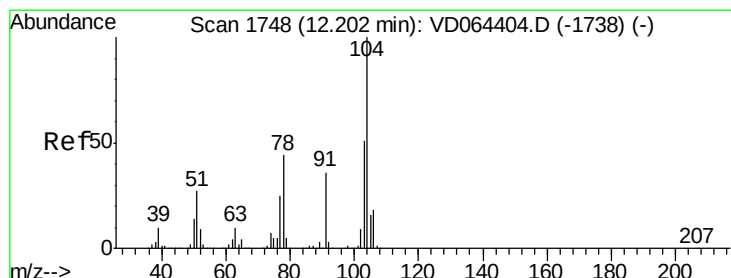
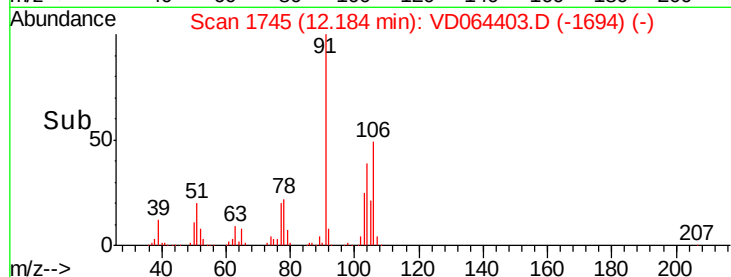
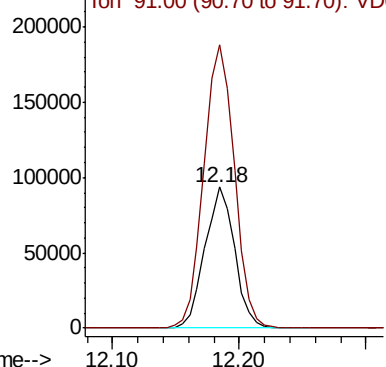
#69
o-Xylene
Concen: 20.143 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:106 Resp: 151746
Ion Ratio Lower Upper
106 100
91 206.8 103.8 311.4

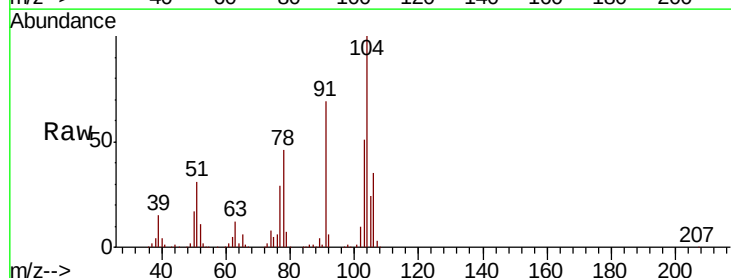


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

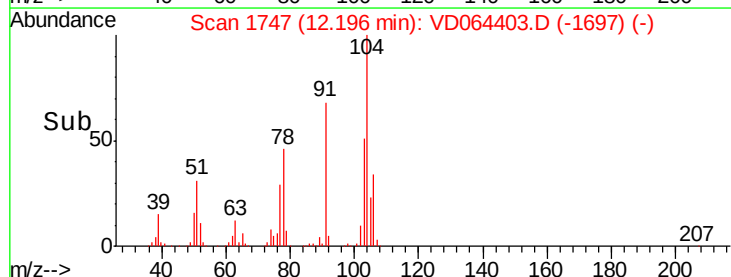
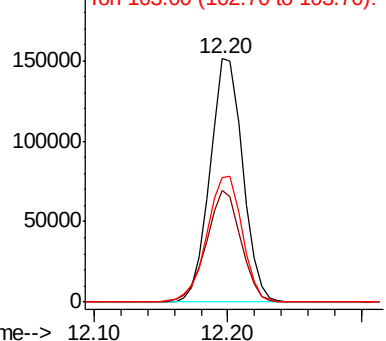


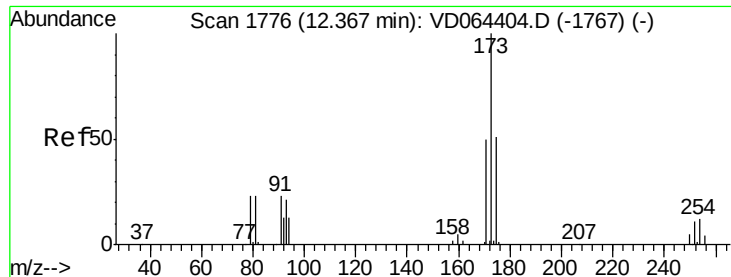
#70
Styrene
Concen: 19.553 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion:104 Resp: 256729
Ion Ratio Lower Upper
104 100
78 48.6 38.8 58.2
103 55.9 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: 20.985 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

ClientSampleId :

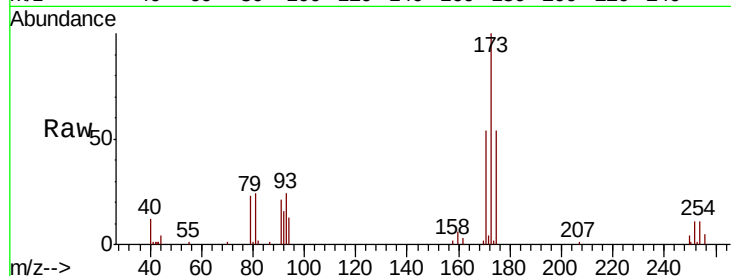
Tot Ion:173 Resp: 53469

Ion Ratio Lower Upper

173 100

175 50.6 25.3 75.8

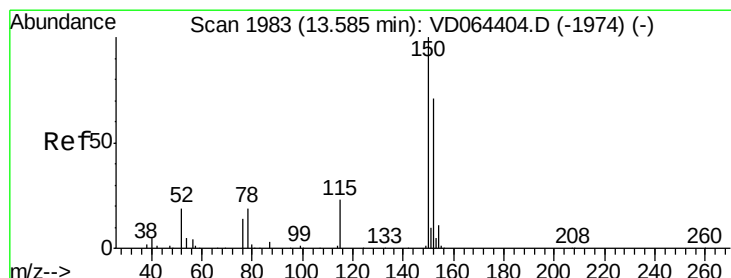
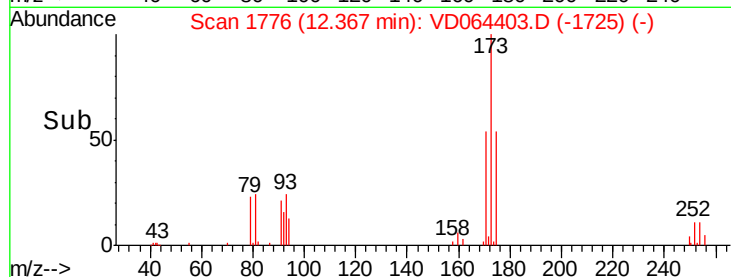
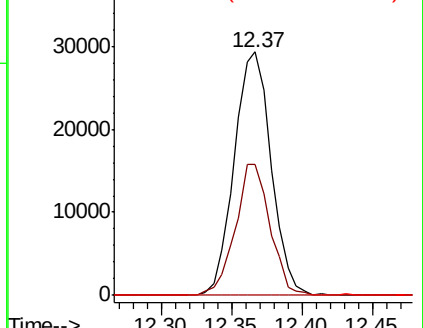
254 0.0 0.0 0.0



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: VD064403.D

Acq: 27 Nov 2019 18:50

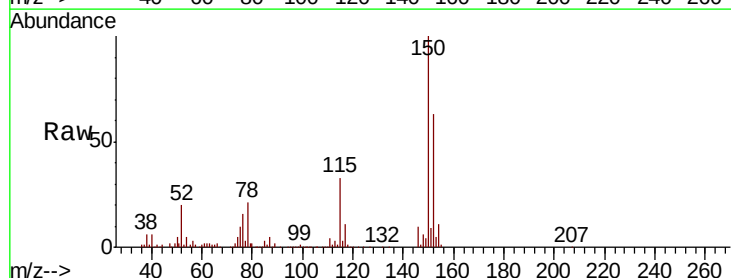
Tgt Ion:152 Resp: 279897

Ion Ratio Lower Upper

152 100

115 54.4 26.7 80.1

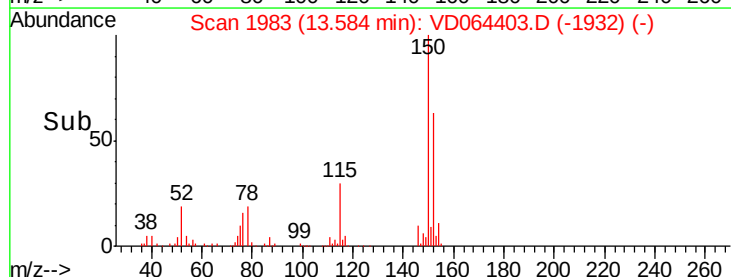
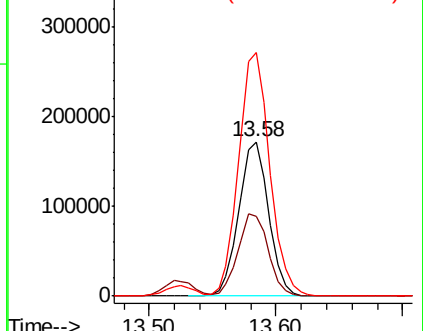
150 164.9 0.0 347.2

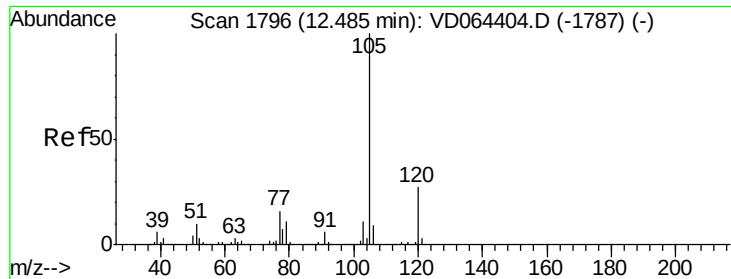


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.655 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

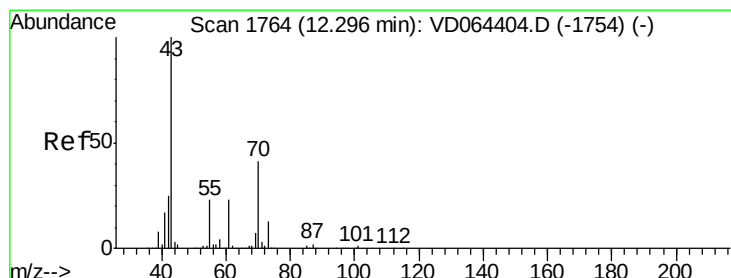
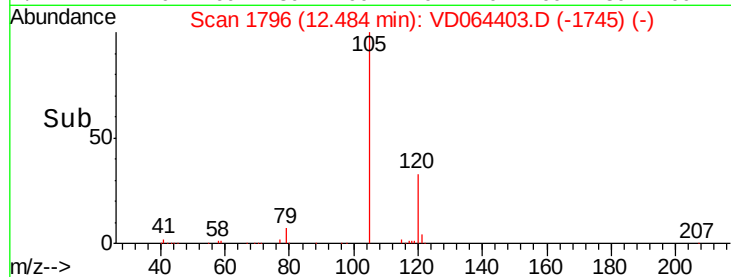
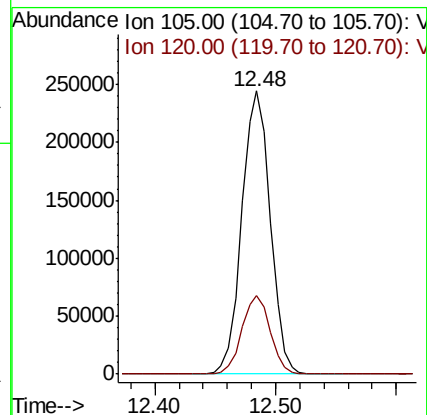
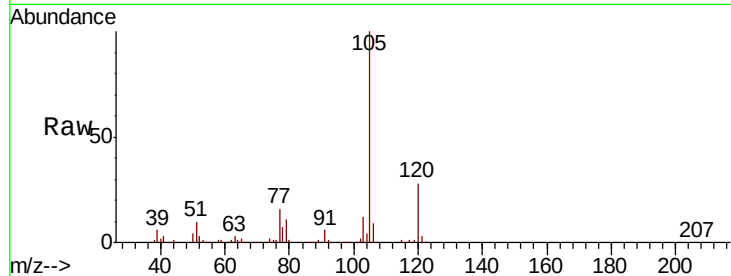
ClientSampled :

Tot Ion:105 Resp: 400613

Ion Ratio Lower Upper

105 100

120 27.7 13.4 40.2



#74

N-ethyl acetate

Concen: 19.238 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Tgt Ion: 43 Resp: 92672

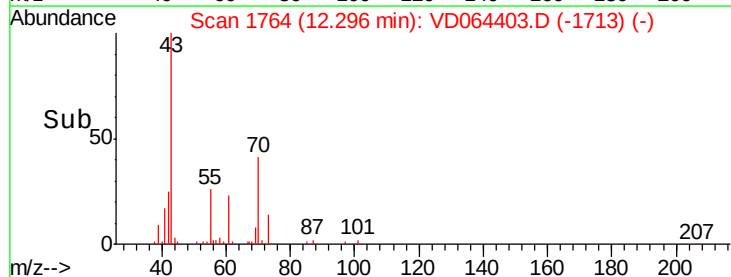
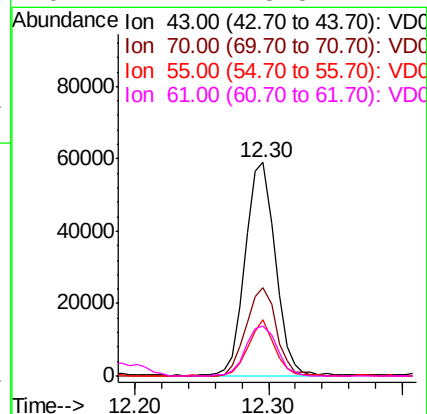
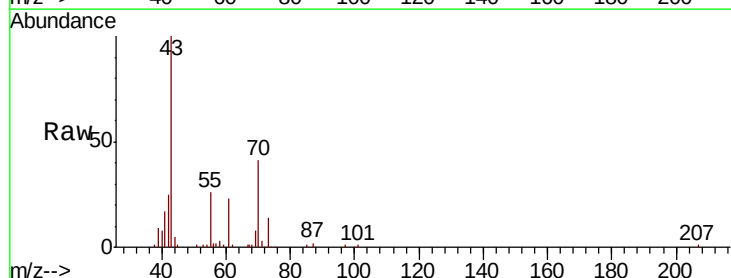
Ion Ratio Lower Upper

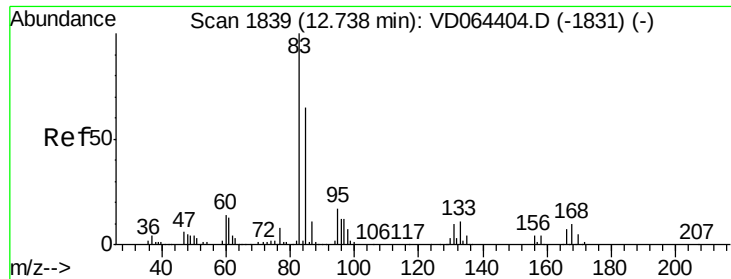
43 100

70 41.3 33.4 50.2

55 22.6 18.9 28.3

61 24.4 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 22.013 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

ClientSampleId :

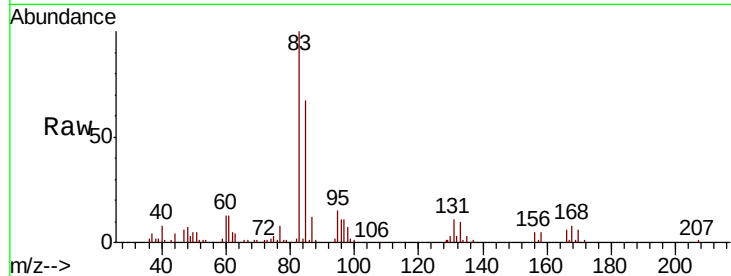
Tot Ion: 83 Resp: 68951

Ion Ratio Lower Upper

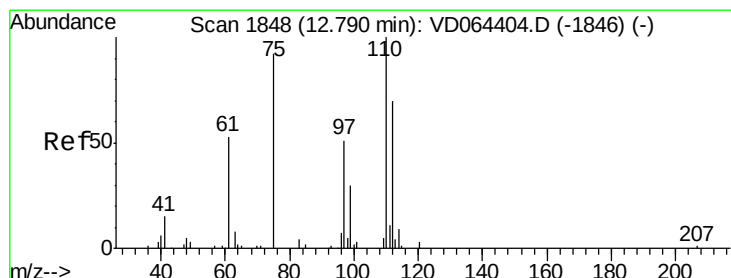
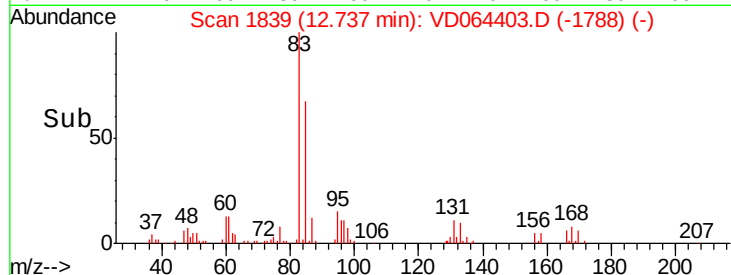
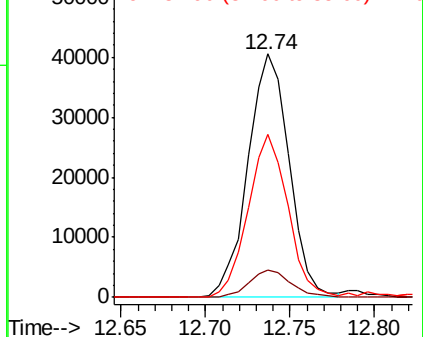
83 100

131 11.3 5.7 17.0

85 64.6 31.3 93.9



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



#76

1,2,3-Trichloropropane

Concen: 40.790 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD064403.D

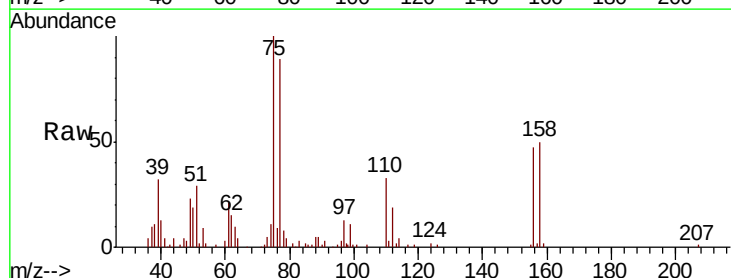
Acq: 27 Nov 2019 18:50

Tgt Ion: 75 Resp: 91124

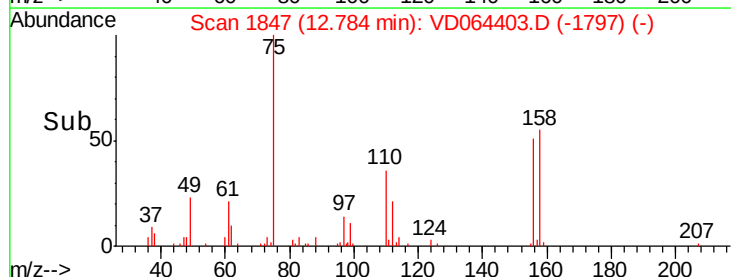
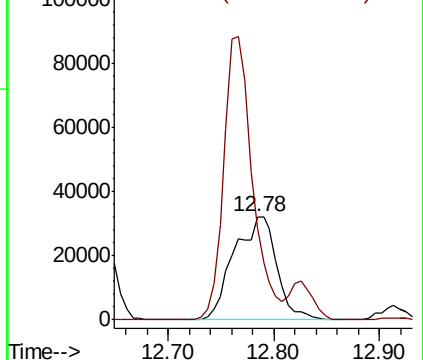
Ion Ratio Lower Upper

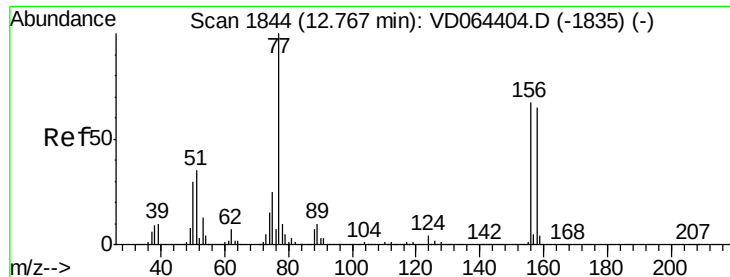
75 100

77 183.2 0.0 0.0#



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

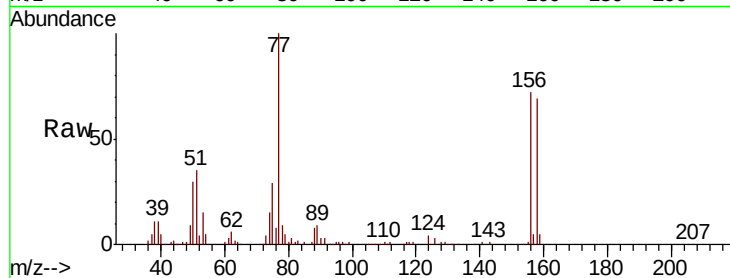




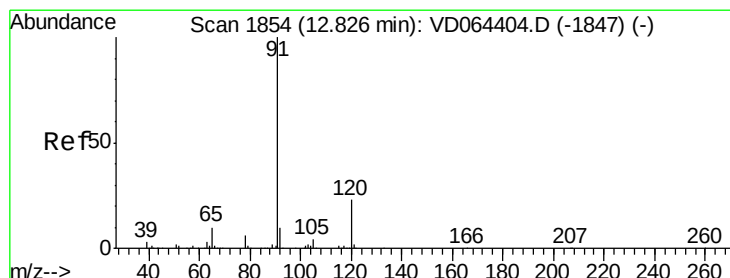
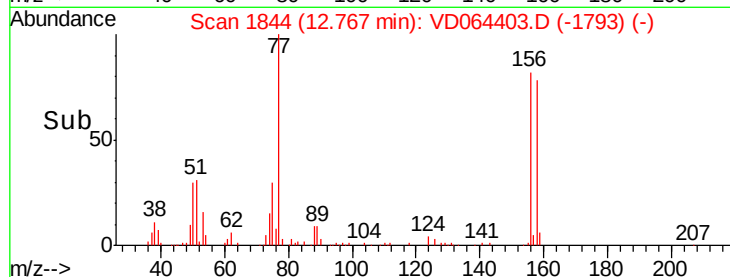
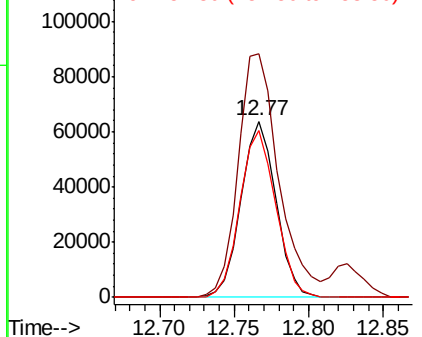
#77
Bromobenzene
Concen: 20.766 ug/l
RT: 12.77 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:156 Resp: 103208
Ion Ratio Lower Upper
156 100
77 161.8 80.0 240.2
158 97.6 48.9 146.6

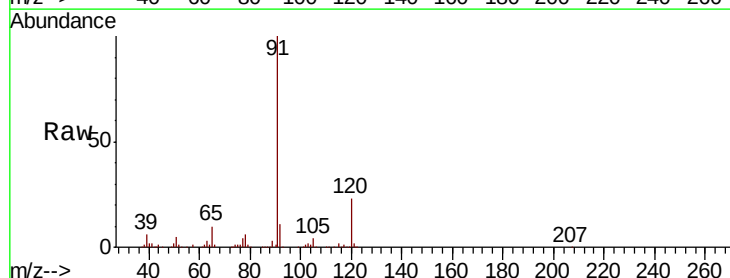


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

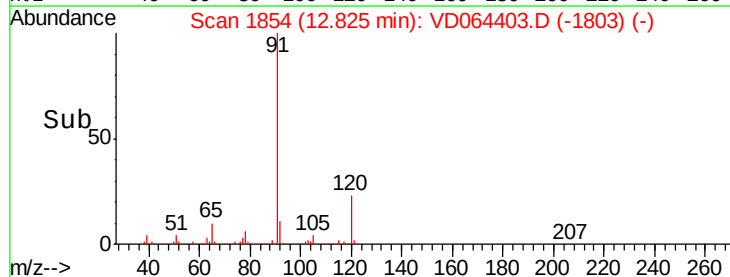
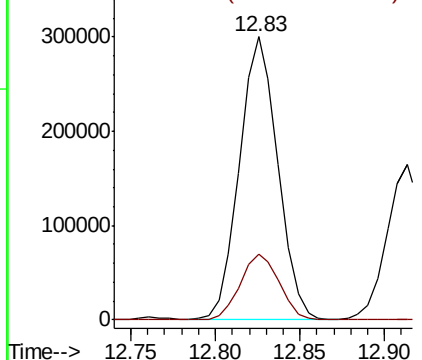


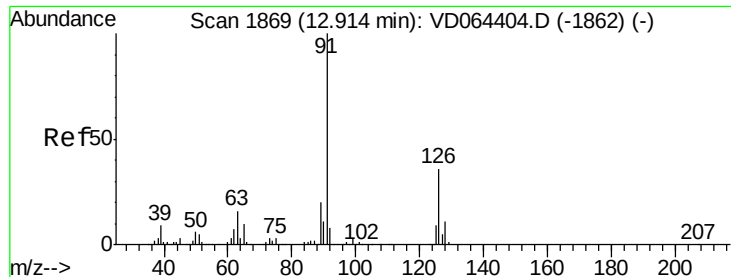
#78
n-propylbenzene
Concen: 20.223 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion: 91 Resp: 471031
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.9



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

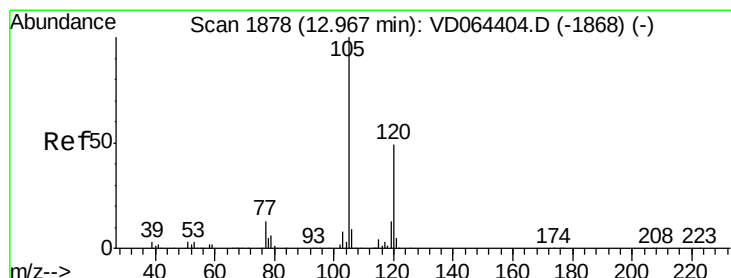
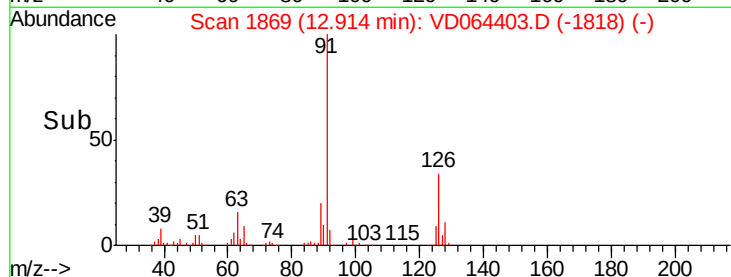
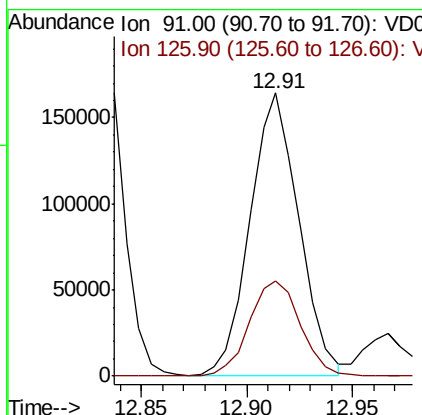
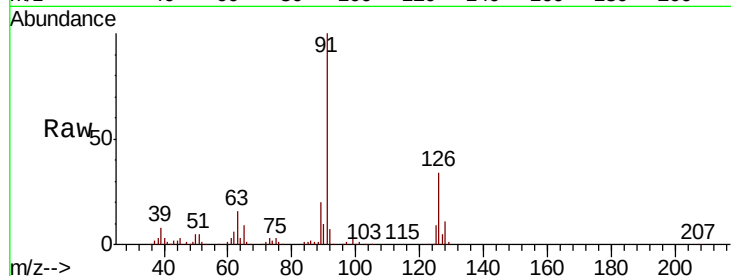




#79
2-Chlorotoluene
Concen: 20.061 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

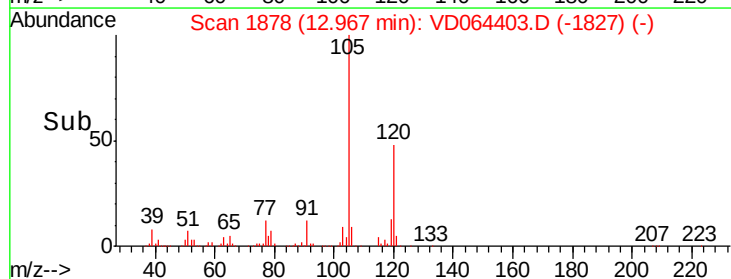
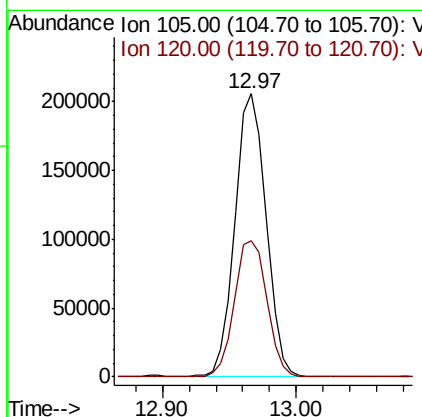
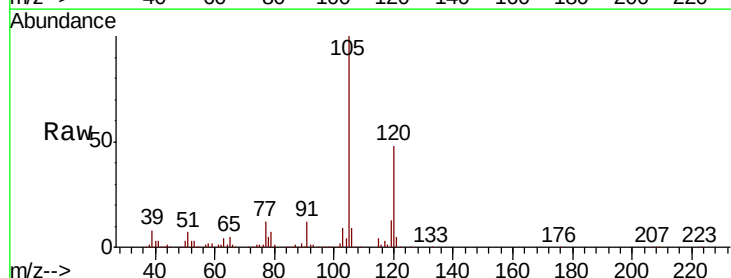
Instrument :
MSVOA_D
ClientSampleId :

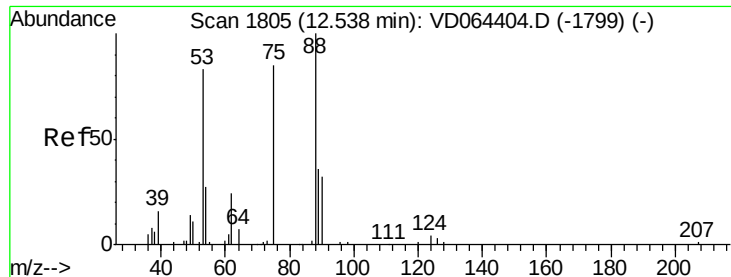
Tot Ion: 91 Resp: 262969
Ion Ratio Lower Upper
91 100
126 35.3 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 19.860 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion:105 Resp: 332932
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.3

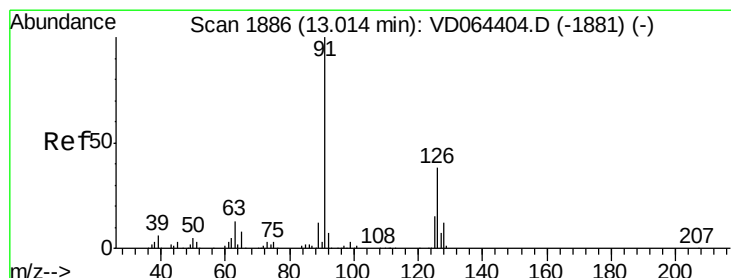
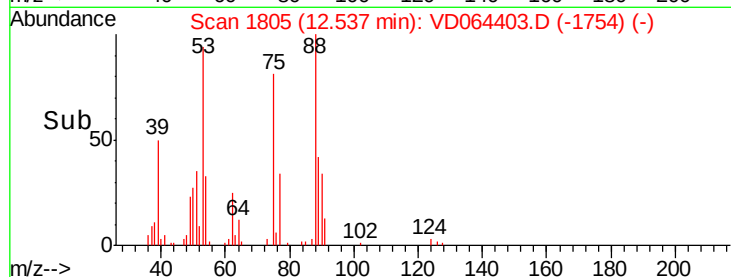
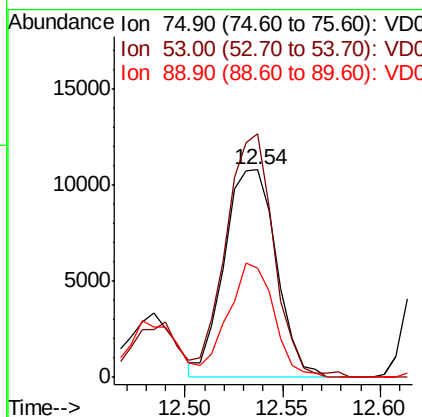
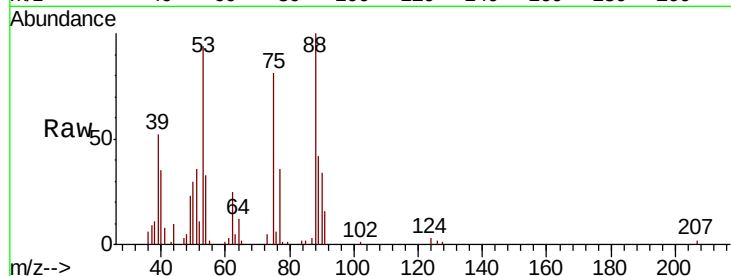




#81
trans-1,4-Dichloro-2-butene
Concen: 17.922 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

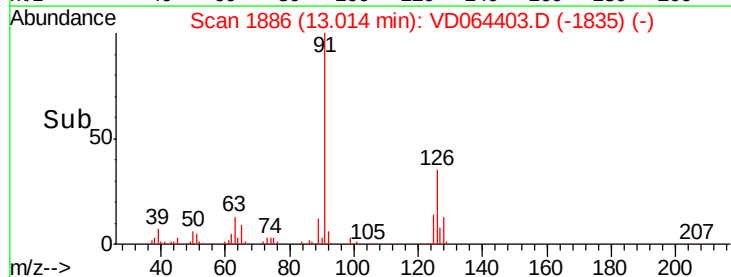
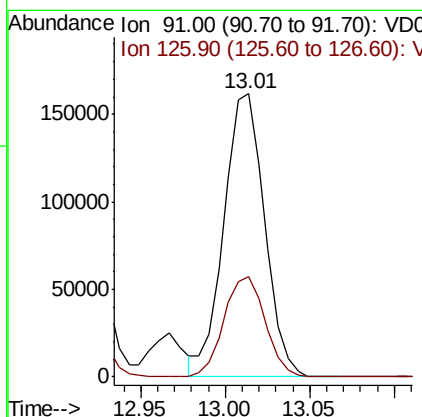
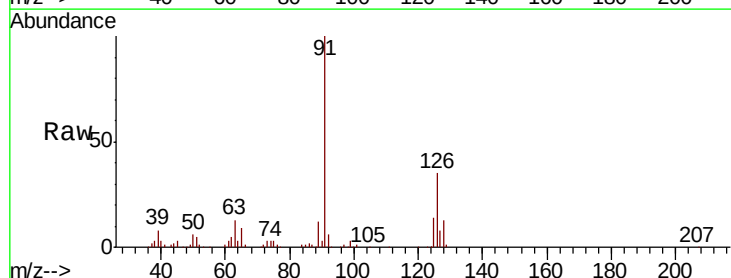
Instrument :
MSVOA_D
ClientSampled :

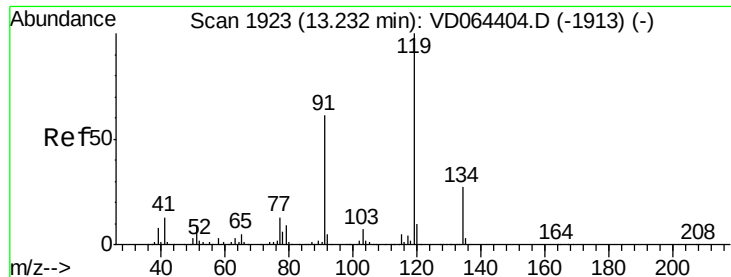
Tot Ion: 75 Resp: 20047
Ion Ratio Lower Upper
75 100
53 108.0 81.0 121.6
89 48.1 38.5 57.7



#82
4-Chlorotoluene
Concen: 19.817 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion: 91 Resp: 271611
Ion Ratio Lower Upper
91 100
126 35.8 18.2 54.6

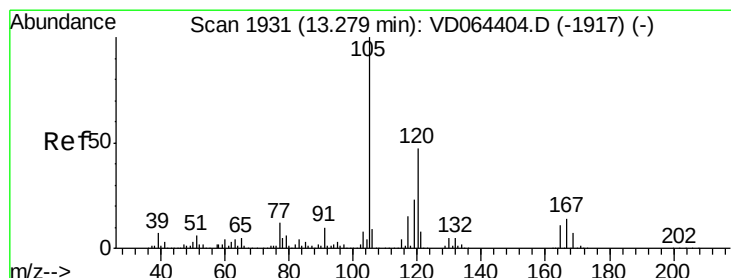
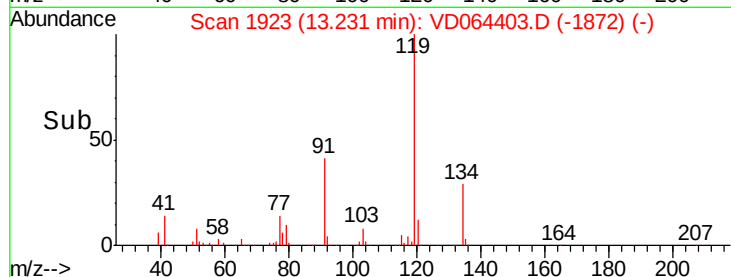
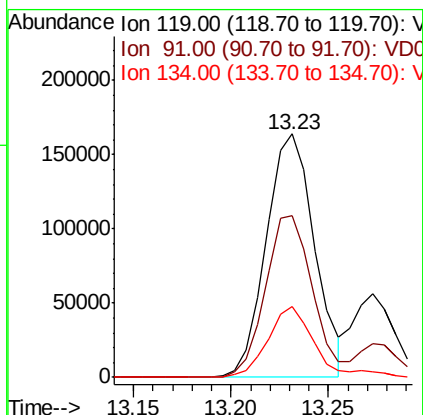
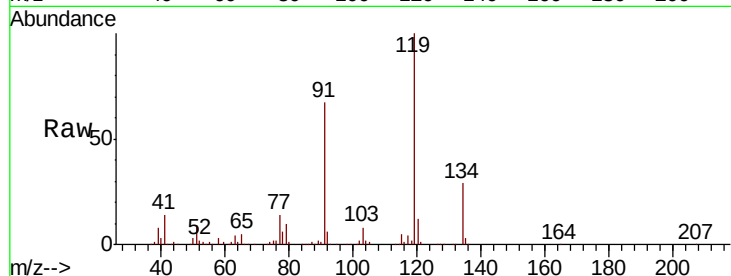




#83
 tert-Butylbenzene
 Concen: 19.155 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

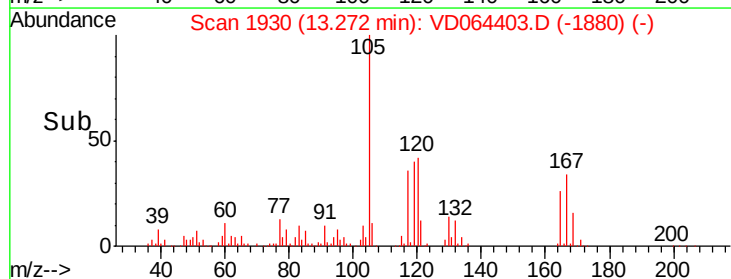
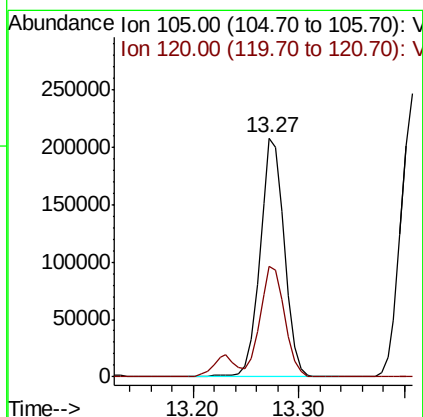
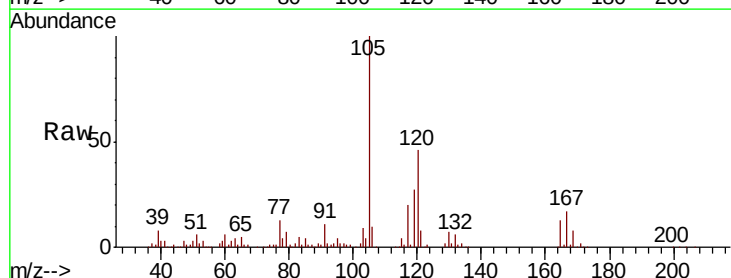
Instrument :
 MSVOA_D
 ClientSampleId :

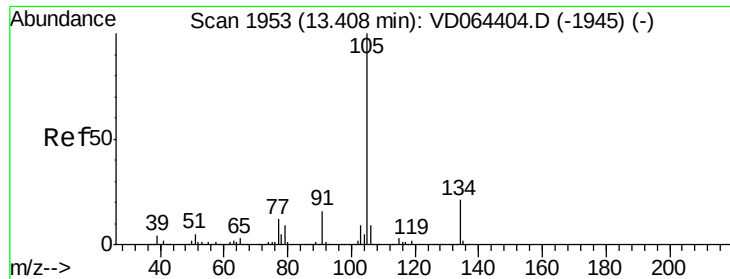
Tot Ion:119 Resp: 281772
 Ion Ratio Lower Upper
 119 100
 91 65.5 31.2 93.6
 134 28.4 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.045 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

Tgt Ion:105 Resp: 331761
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.6 70.8





#85

sec-Butylbenzene

Concen: 19.778 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

Instrument :

MSVOA_D

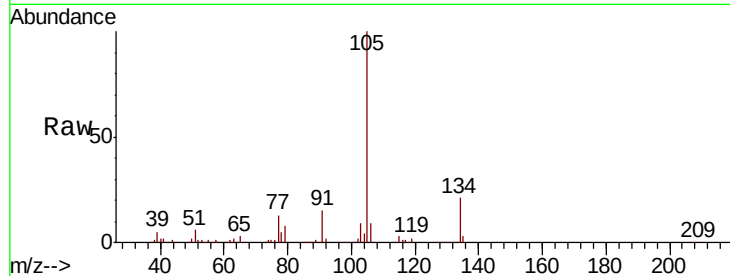
ClientSampled :

Tot Ion:105 Resp: 392327

Ion Ratio Lower Upper

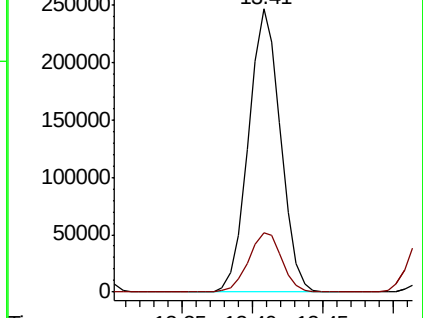
105 100

134 21.6 10.5 31.5

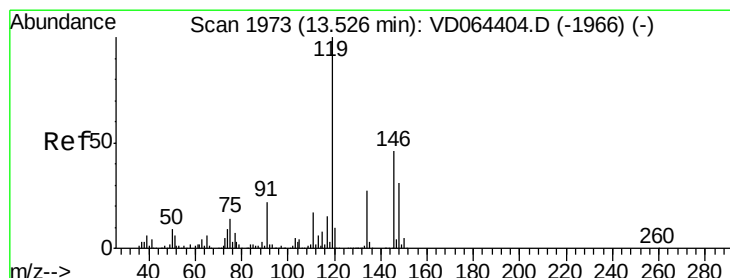
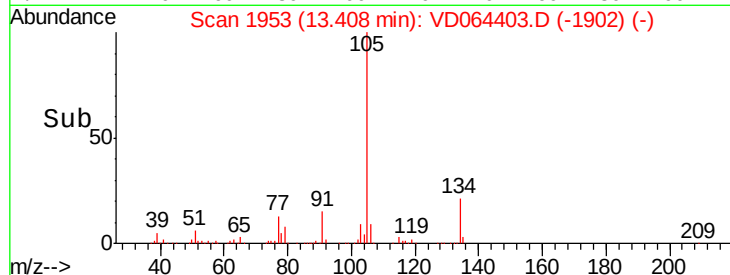


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 19.530 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD064403.D

Acq: 27 Nov 2019 18:50

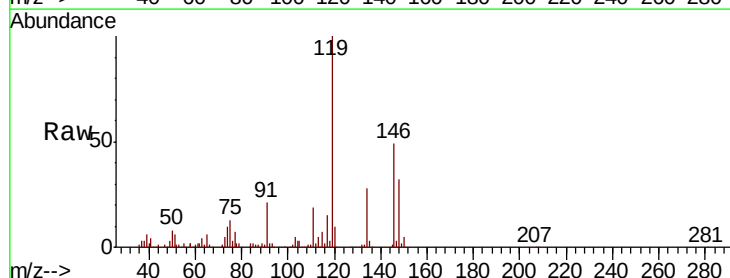
Tgt Ion:119 Resp: 368017

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

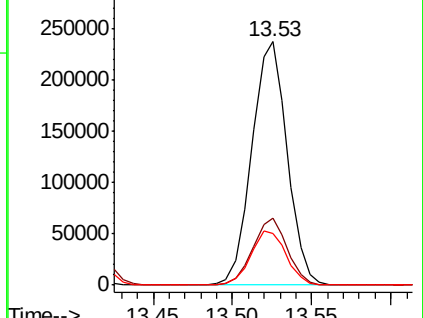
91 22.5 11.2 33.5



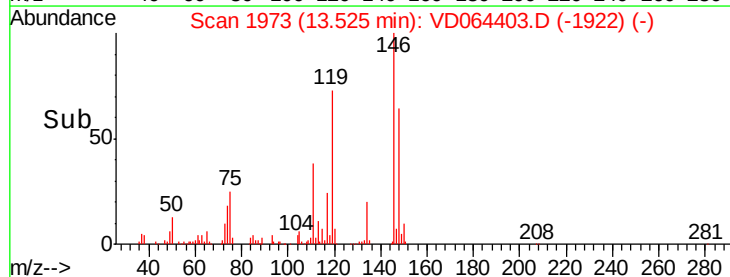
Abundance Ion 119.00 (118.70 to 119.70): V

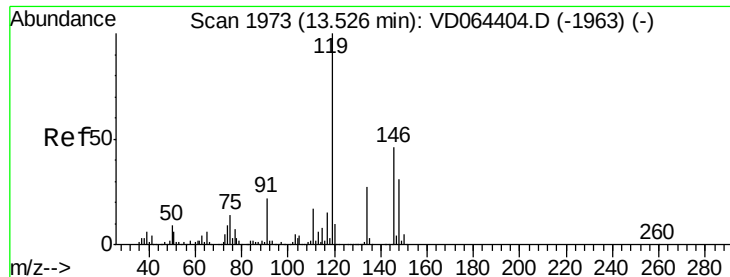
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->

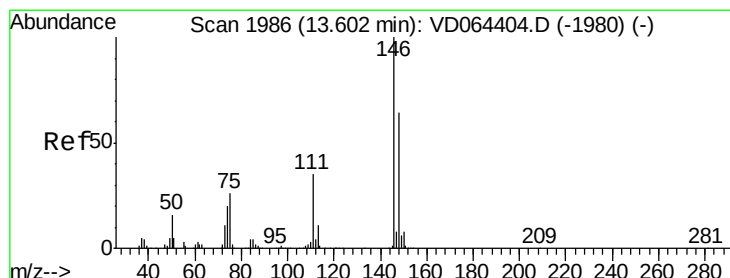
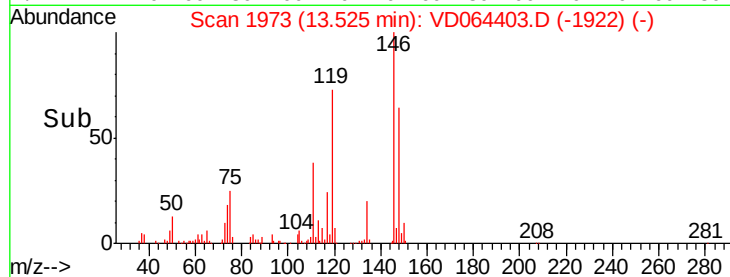
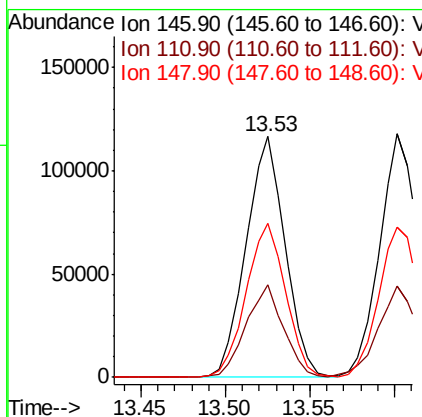
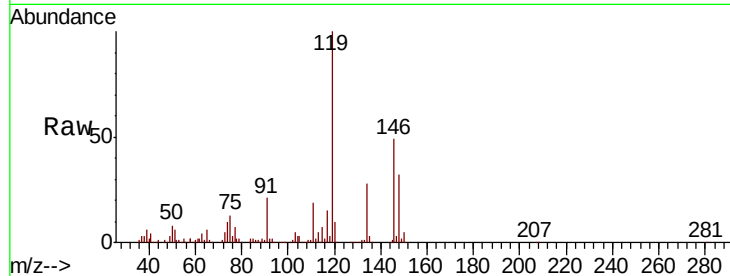




#87
 1,3-Dichlorobenzene
 Concen: 20.312 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

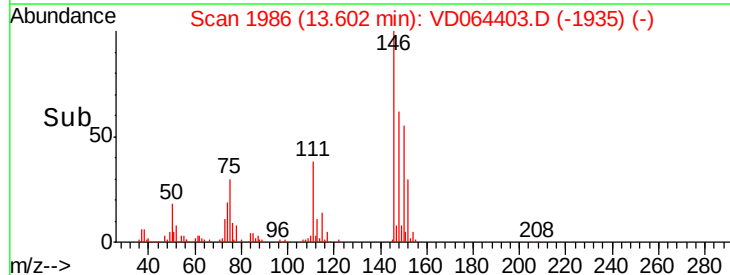
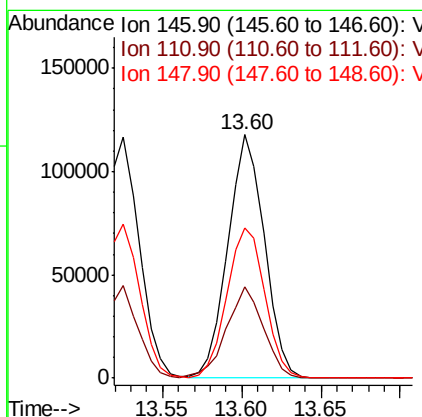
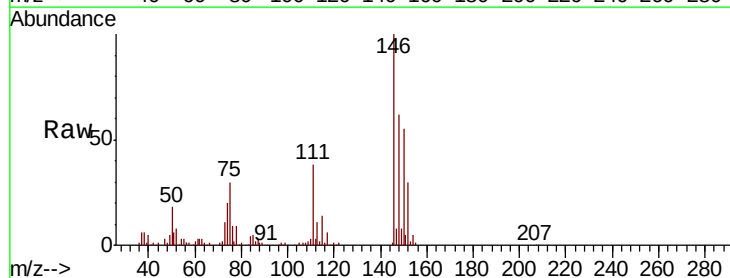
Instrument :
 MSVOA_D
 ClientSampleId :

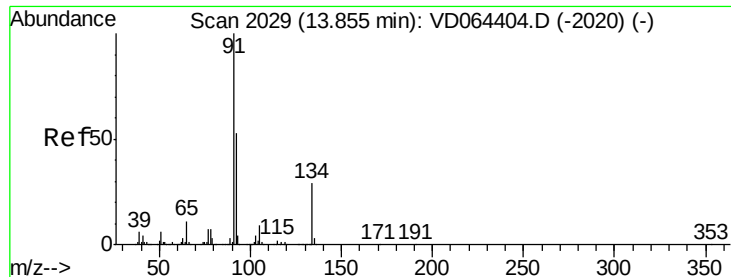
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.4
148	64.4	32.6	97.8



#88
 1,4-Dichlorobenzene
 Concen: 20.911 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.2	54.6
148	63.8	31.8	95.4

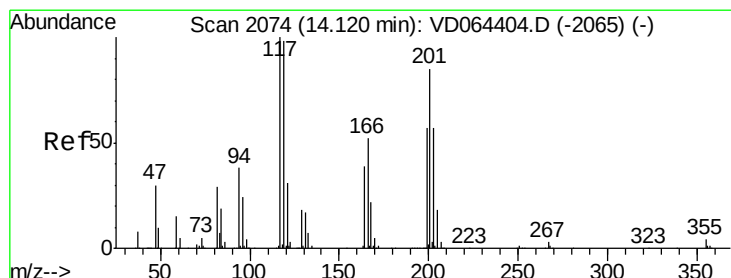
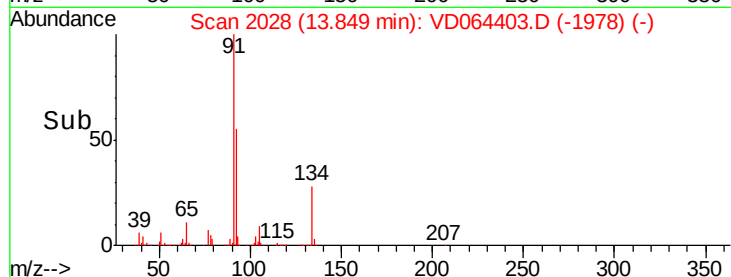
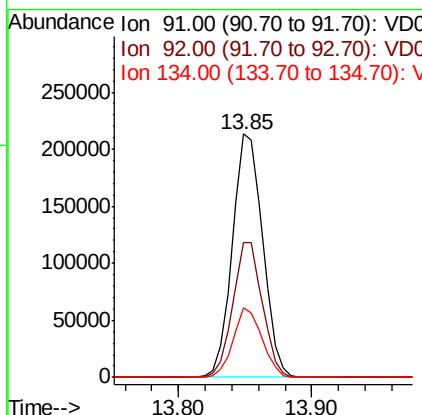
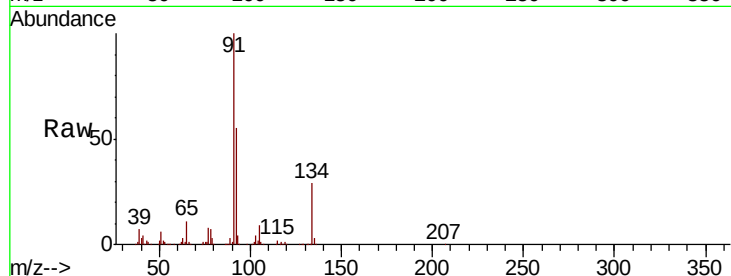




#89
n-Butylbenzene
Concen: 19.741 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

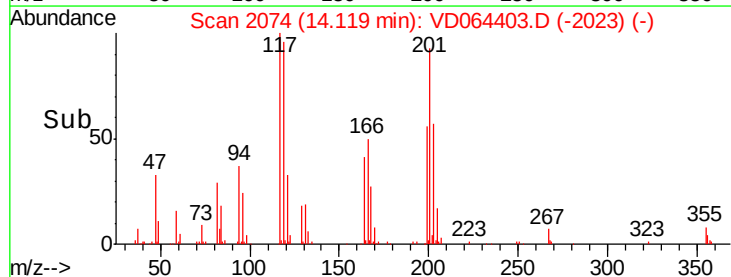
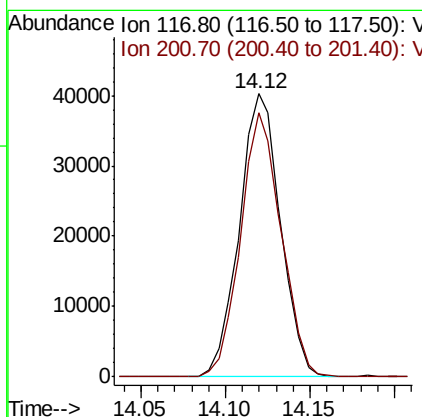
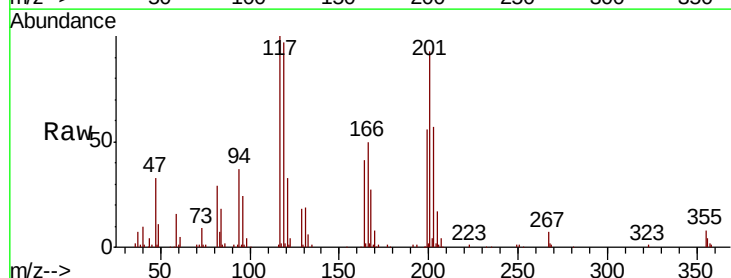
Instrument :
MSVOA_D
ClientSampleId :

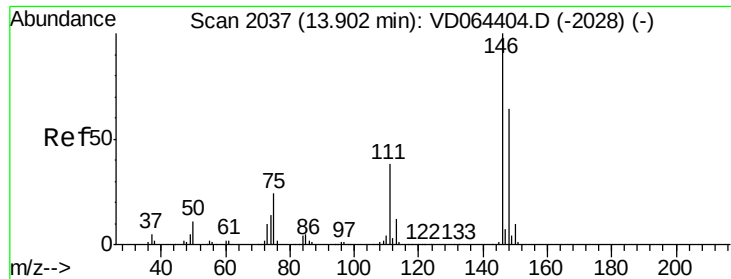
Tot Ion: 91 Resp: 336233
Ion Ratio Lower Upper
91 100
92 54.0 26.5 79.4
134 27.3 13.9 41.7



#90
Hexachloroethane
Concen: 19.468 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion: 117 Resp: 68015
Ion Ratio Lower Upper
117 100
201 92.0 44.3 132.8

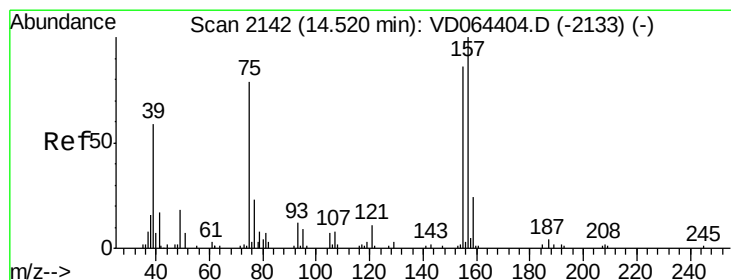
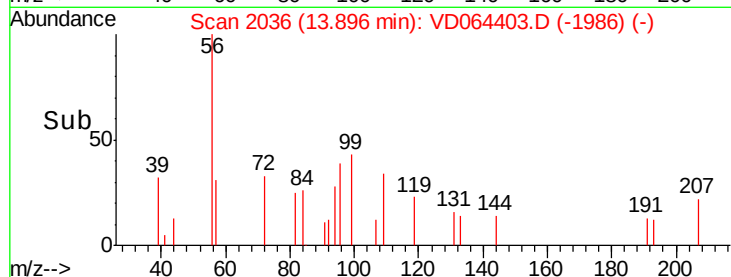
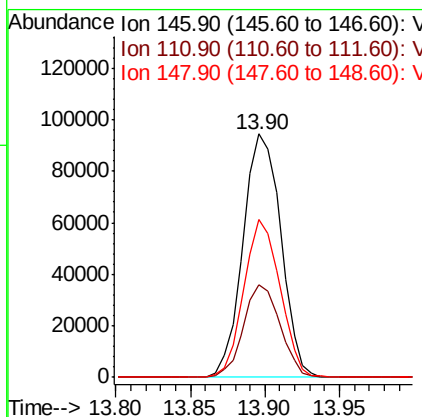
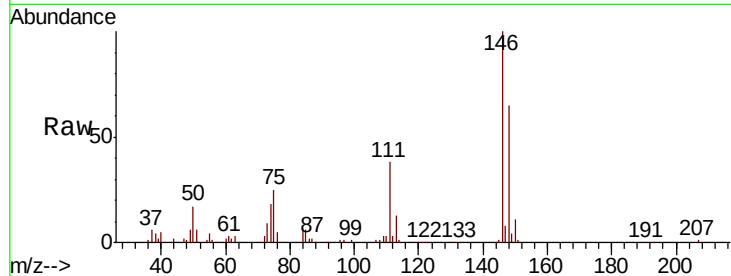




#91
 1,2-Dichlorobenzene
 Concen: 21.136 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

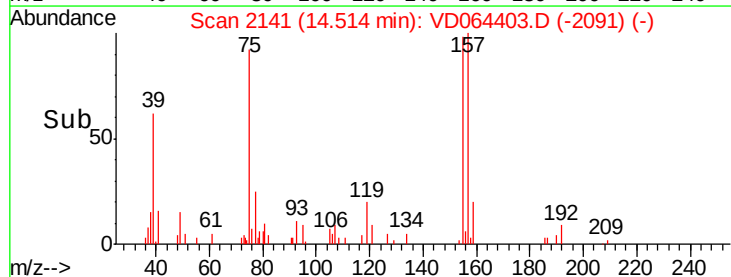
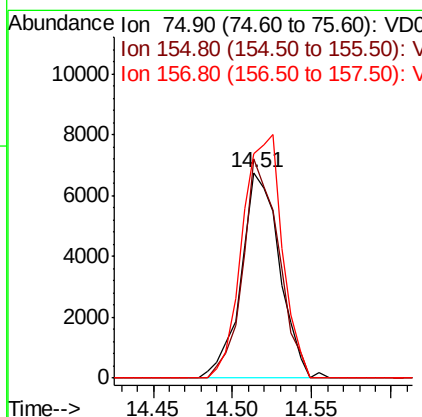
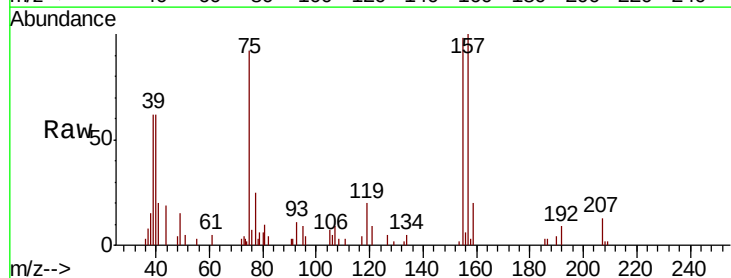
Instrument :
 MSVOA_D
 ClientSampleId :

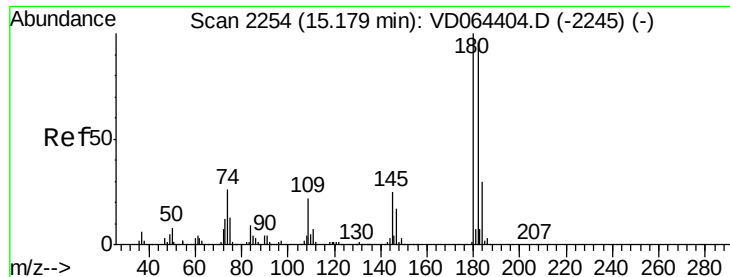
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.3
148	62.1	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.742 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.3	51.9	155.7
157	122.7	63.2	189.8

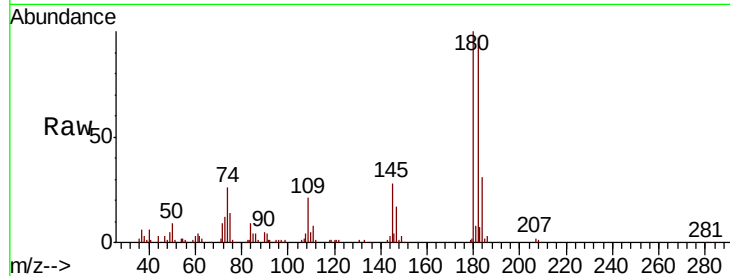




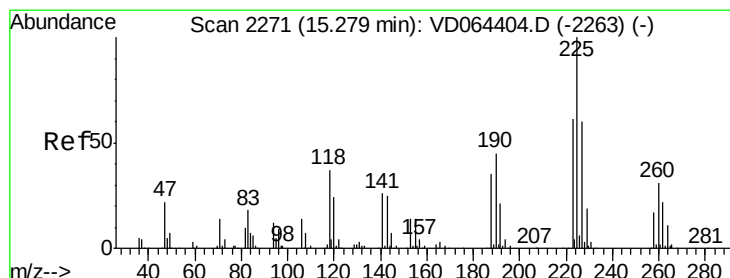
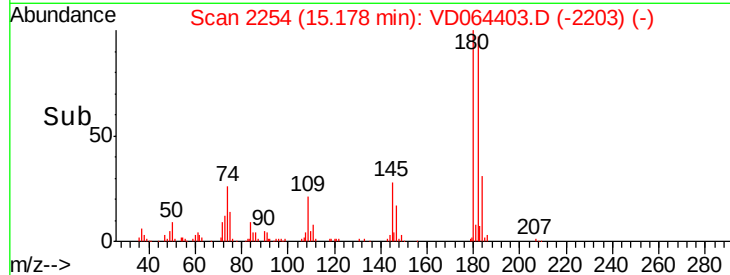
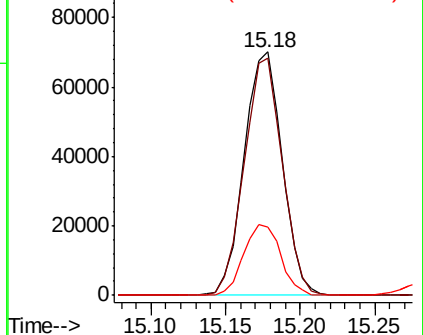
#93
 1,2,4-Trichlorobenzene
 Concen: 20.478 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.4	142.3
145	28.4	14.0	41.9

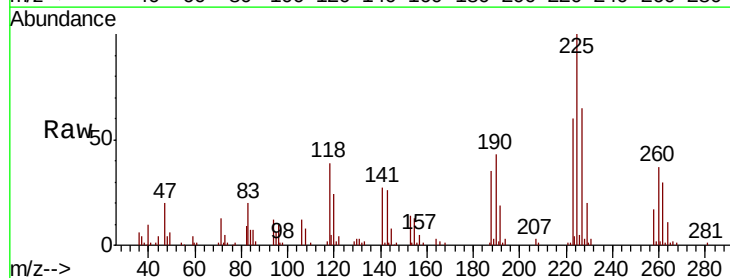


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

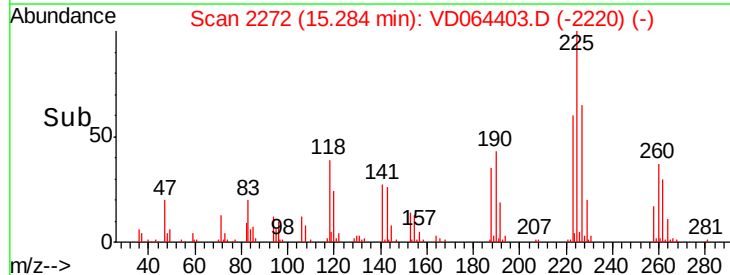
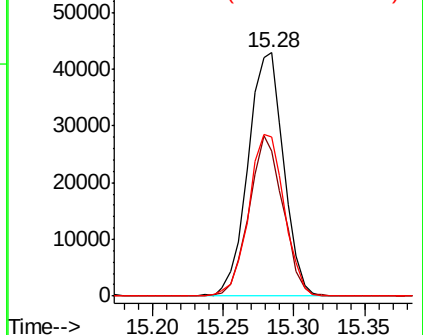


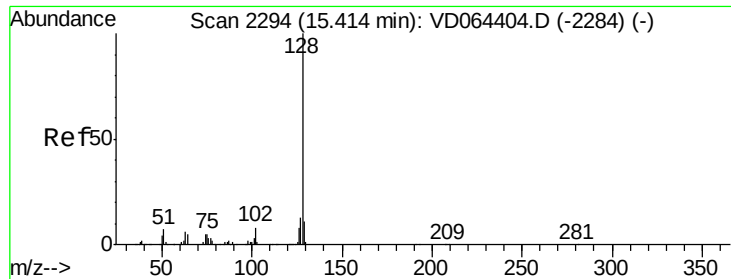
#94
 Hexachlorobutadiene
 Concen: 19.580 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: VD064403.D
 Acq: 27 Nov 2019 18:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.1	93.3
227	66.3	31.8	95.4



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

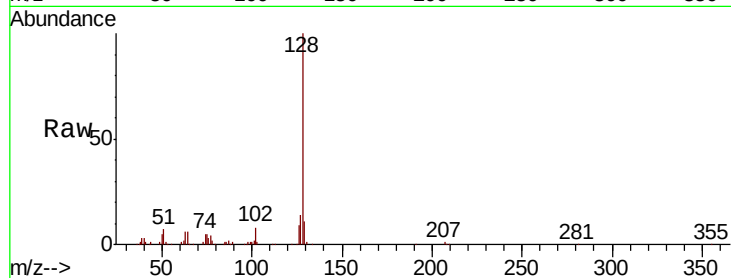




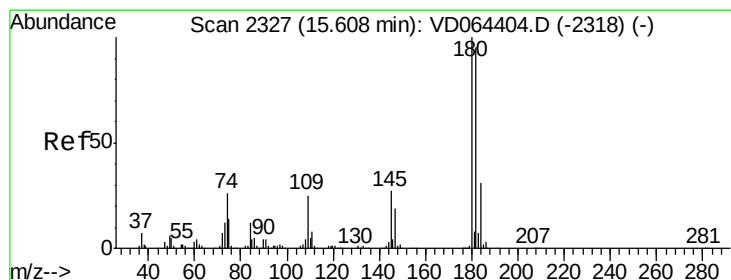
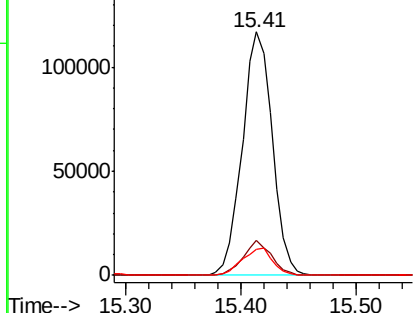
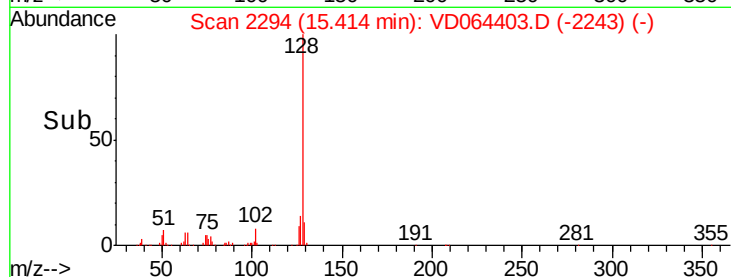
#95
Naphthalene
Concen: 21.267 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 211708
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.2 8.8 13.2

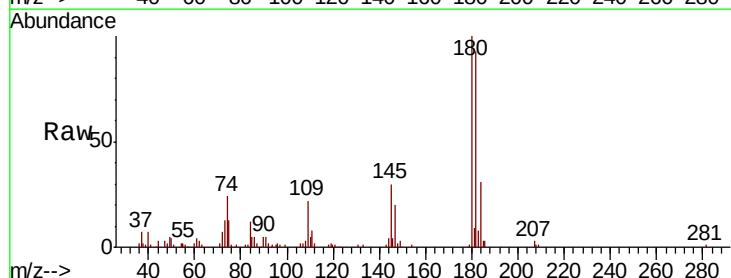


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.713 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD064403.D
Acq: 27 Nov 2019 18:50

Tgt Ion:180 Resp: 106822
Ion Ratio Lower Upper
180 100
182 96.9 47.6 142.9
145 30.1 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

