

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080520\
 Data File : VD066124.D
 Acq On : 05 Aug 2020 11:30
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 05 13:35:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:31:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	356242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	508855	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	473756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243178	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	57152	17.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.90%	
35) Dibromofluoromethane	7.91	113	60791	18.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.38%	
50) Toluene-d8	10.34	98	219454	18.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.94%	
62) 4-Bromofluorobenzene	12.63	95	79838	18.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.98%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.99	85	72179	21.798	ug/l 96
3) Chloromethane	2.20	50	53234	20.431	ug/l 89
4) Vinyl Chloride	2.34	62	45609	20.453	ug/l 96
5) Bromomethane	2.74	94	28033	18.384	ug/l 93
6) Chloroethane	2.90	64	26459	19.048	ug/l 96
7) Trichlorofluoromethane	3.26	101	112175	19.311	ug/l 97
8) Diethyl Ether	3.70	74	30700	19.366	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	66087	19.239	ug/l 97
10) Methyl Iodide	4.29	142	41553	19.701	ug/l 98
11) Tert butyl alcohol	5.23	59	30200	79.698	ug/l 96
12) 1,1-Dichloroethene	4.06	96	62673	19.440	ug/l 97
13) Acrolein	3.92	56	24927	96.836	ug/l 99
14) Allyl chloride	4.70	41	94158	19.459	ug/l 99
15) Acrylonitrile	5.42	53	64635	96.970	ug/l 97
16) Acetone	4.16	43	53333	87.090	ug/l 94
17) Carbon Disulfide	4.40	76	200552	19.540	ug/l 99
18) Methyl Acetate	4.71	43	28777	18.322	ug/l 99
19) Methyl tert-butyl Ether	5.47	73	142069	19.670	ug/l 99
20) Methylene Chloride	4.96	84	82707	18.311	ug/l 95
21) trans-1,2-Dichloroethene	5.47	96	72020	19.407	ug/l 93
22) Diisopropyl ether	6.36	45	188560	19.718	ug/l 96
23) Vinyl Acetate	6.30	43	543131	98.141	ug/l 99
24) 1,1-Dichloroethane	6.26	63	115369	19.338	ug/l 98
25) 2-Butanone	7.21	43	85727	94.622	ug/l 97
26) 2,2-Dichloropropane	7.20	77	102767	18.817	ug/l 99
27) cis-1,2-Dichloroethene	7.21	96	73569	19.157	ug/l 98
28) Bromochloromethane	7.54	49	40470	19.410	ug/l 100
29) Tetrahydrofuran	7.56	42	52728	95.749	ug/l 99
30) Chloroform	7.71	83	119152	18.977	ug/l 100
31) Cyclohexane	7.97	56	107062	18.405	ug/l 96
32) 1,1,1-Trichloroethane	7.90	97	114368	19.466	ug/l 100
36) 1,1-Dichloropropene	8.11	75	96641	19.676	ug/l 99
37) Ethyl Acetate	7.28	43	34544	18.124	ug/l 98
38) Carbon Tetrachloride	8.09	117	107143	19.622	ug/l 98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	115650	19.843	ug/l	94
40) Benzene	8.34	78	266270	19.536	ug/l	95
41) Methacrylonitrile	7.52	41	23387	21.533	ug/l	92
42) 1,2-Dichloroethane	8.42	62	74603	18.741	ug/l	99
43) Isopropyl Acetate	8.44	43	73642	19.772	ug/l	98
44) Trichloroethene	9.11	130	81933	20.117	ug/l	96
45) 1,2-Dichloropropane	9.38	63	64551	19.564	ug/l	98
46) Dibromomethane	9.47	93	34850	19.210	ug/l	96
47) Bromodichloromethane	9.66	83	92036	19.185	ug/l	97
48) Methyl methacrylate	9.45	41	37692	19.213	ug/l	99
49) 1,4-Dioxane	9.46	88	9278	398.763	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	186961	96.328	ug/l	100
52) Toluene	10.40	92	172997	19.393	ug/l	95
53) t-1,3-Dichloropropene	10.62	75	88194	19.623	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	104378	19.865	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	49122	18.580	ug/l	96
56) Ethyl methacrylate	10.66	69	59814	19.723	ug/l	98
57) 1,3-Dichloropropane	10.94	76	85828	19.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	136532	98.951	ug/l	98
59) 2-Hexanone	10.98	43	132014	97.267	ug/l	96
60) Dibromochloromethane	11.14	129	69215	19.124	ug/l	98
61) 1,2-Dibromoethane	11.24	107	49941	19.921	ug/l	98
64) Tetrachloroethene	10.87	164	73178	19.707	ug/l	96
65) Chlorobenzene	11.67	112	193907	19.721	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	74746	19.337	ug/l	98
67) Ethyl Benzene	11.74	91	334053	19.797	ug/l	99
68) m/p-Xylenes	11.86	106	261368	39.828	ug/l	99
69) o-Xylene	12.18	106	117609	19.917	ug/l	100
70) Styrene	12.20	104	210083	20.196	ug/l	100
71) Bromoform	12.36	173	43719	19.223	ug/l #	99
73) Isopropylbenzene	12.48	105	331375	20.246	ug/l	100
74) N-amyl acetate	12.29	43	69931	19.860	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	54493	19.198	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	70299	34.916	ug/l #	100
77) Bromobenzene	12.76	156	84757	19.944	ug/l	99
78) n-propylbenzene	12.83	91	383892	20.079	ug/l	99
79) 2-Chlorotoluene	12.91	91	217762	19.862	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	276258	20.149	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	17376	18.896	ug/l	97
82) 4-Chlorotoluene	13.01	91	228208	19.650	ug/l	99
83) tert-Butylbenzene	13.23	119	243042	20.251	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	279155	20.246	ug/l	99
85) sec-Butylbenzene	13.41	105	323288	19.865	ug/l	98
86) p-Isopropyltoluene	13.52	119	310673	20.297	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	158808	19.641	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	157740	19.636	ug/l	98
89) n-Butylbenzene	13.85	91	272985	20.109	ug/l	99
90) Hexachloroethane	14.11	117	60235	19.697	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	140427	19.693	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9605	19.882	ug/l	93

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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:31:30 2020
Response via : Initial Calibration

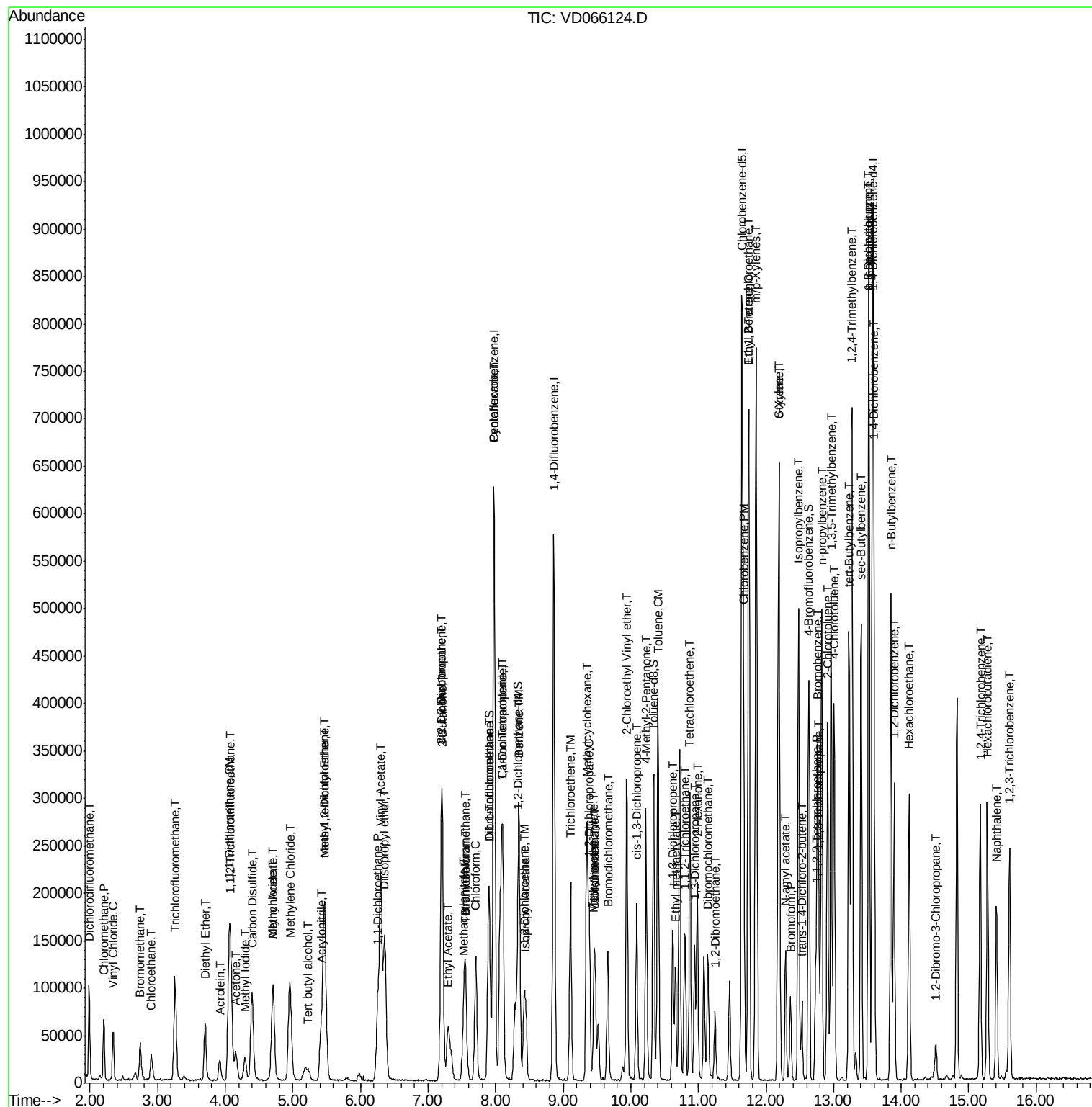
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	101525	19.838	ug/l	100
94) Hexachlorobutadiene	15.28	225	59573	19.603	ug/l	98
95) Naphthalene	15.41	128	162668	20.148	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	90128	19.887	ug/l	98

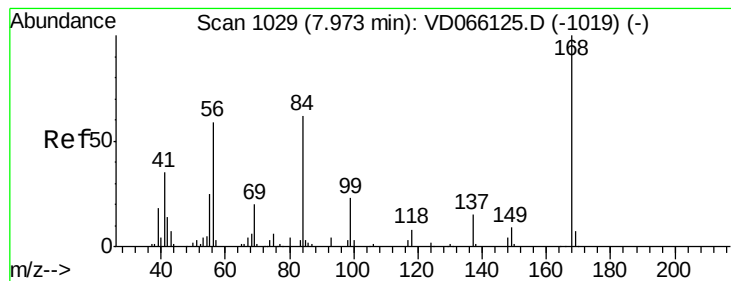
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

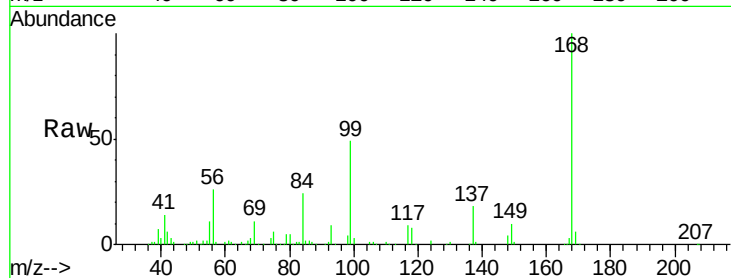
VSTDIC020

Tgt Ion:168 Resp: 356242

Ion Ratio Lower Upper

168 100

99 48.7 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

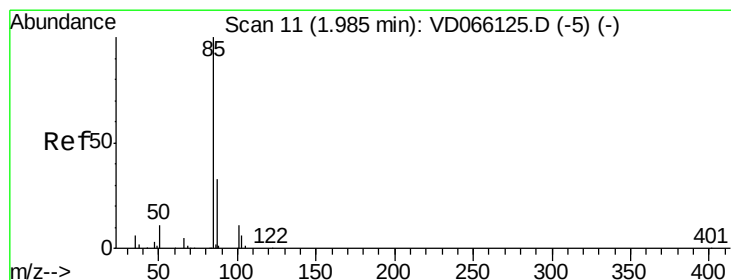
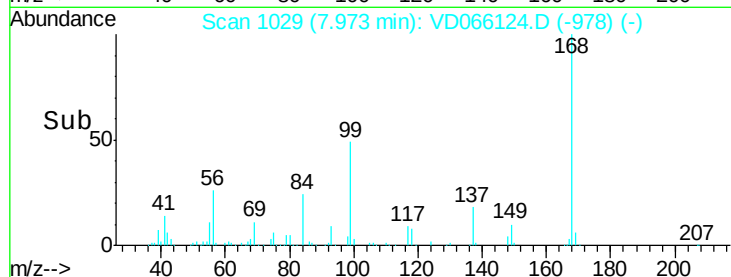
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.798 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066124.D

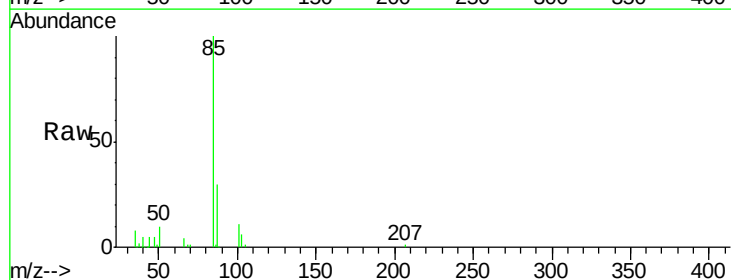
Acq: 05 Aug 2020 11:30

Tgt Ion: 85 Resp: 72179

Ion Ratio Lower Upper

85 100

87 30.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

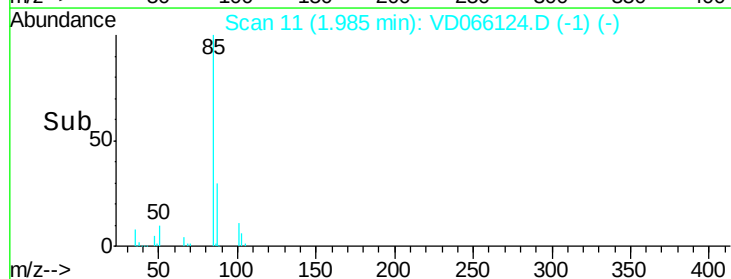
20000

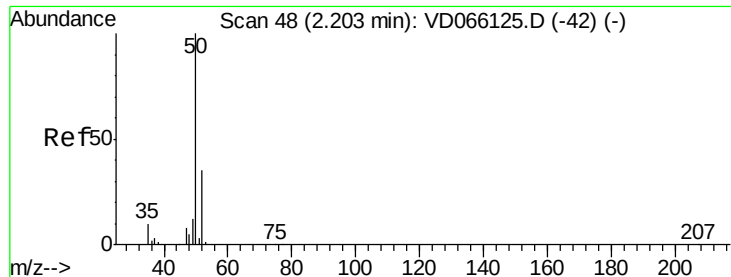
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.431 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

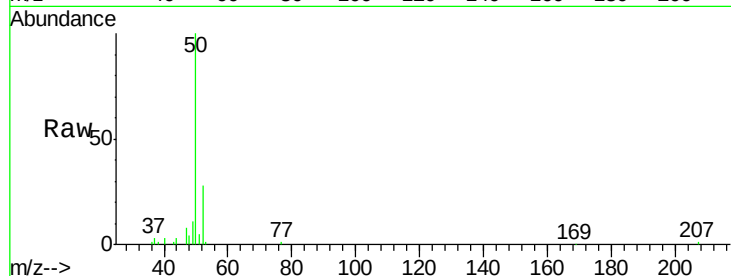
VSTDIC020

Tgt Ion: 50 Resp: 53234

Ion Ratio Lower Upper

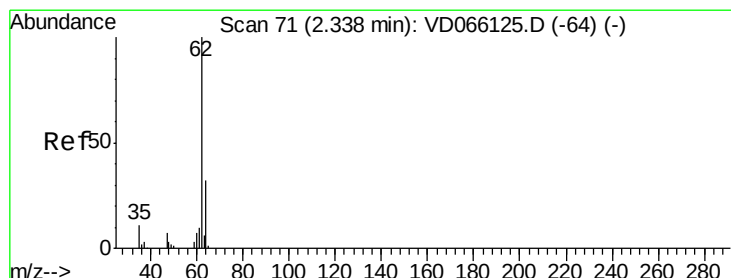
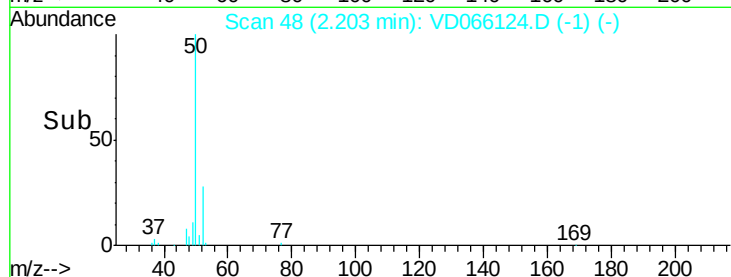
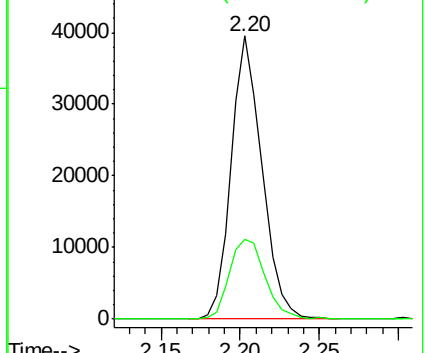
50 100

52 28.3 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.453 ug/l

RT: 2.34 min Scan# 71

Delta R.T. 0.00 min

Lab File: VD066124.D

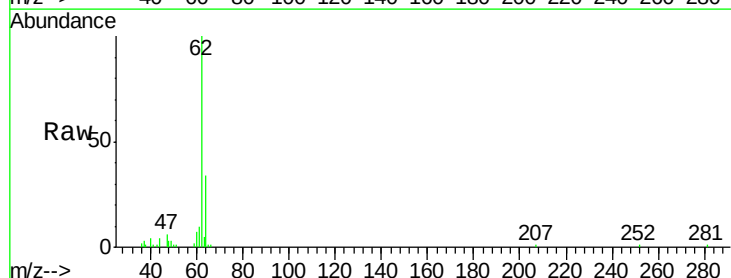
Acq: 05 Aug 2020 11:30

Tgt Ion: 62 Resp: 45609

Ion Ratio Lower Upper

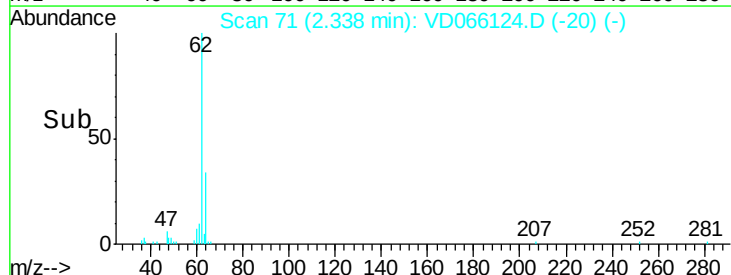
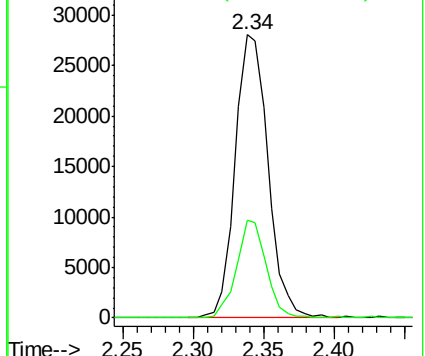
62 100

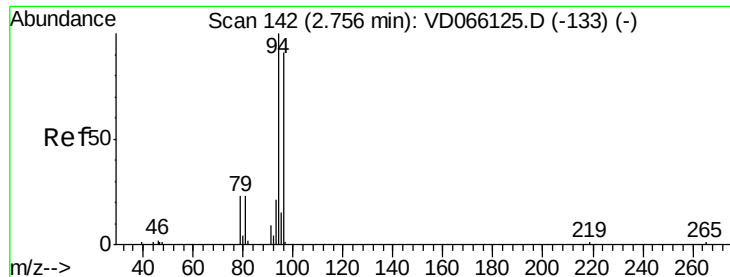
64 34.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 18.384 ug/l

RT: 2.74 min Scan# 139

Delta R.T. -0.02 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

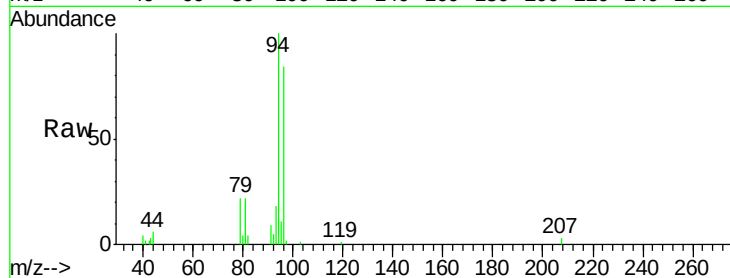
VSTDIC020

Tgt Ion: 94 Resp: 28033

Ion Ratio Lower Upper

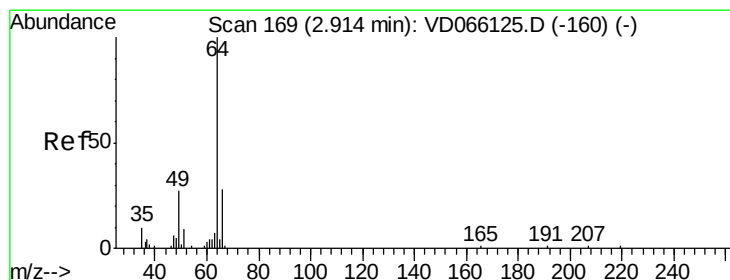
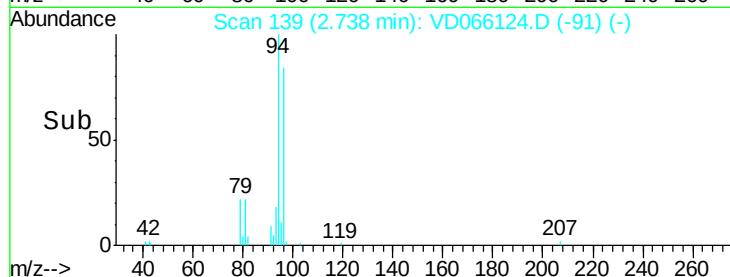
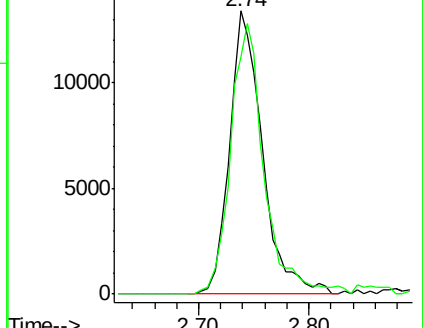
94 100

96 84.0 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.048 ug/l

RT: 2.90 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD066124.D

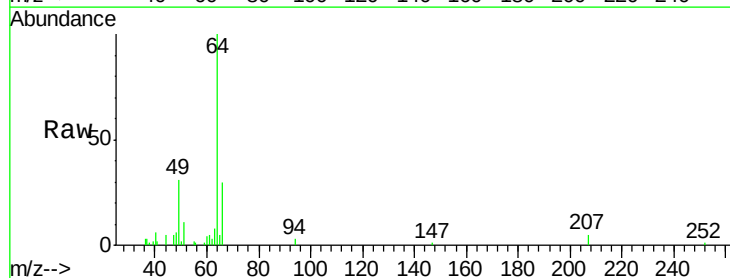
Acq: 05 Aug 2020 11:30

Tgt Ion: 64 Resp: 26459

Ion Ratio Lower Upper

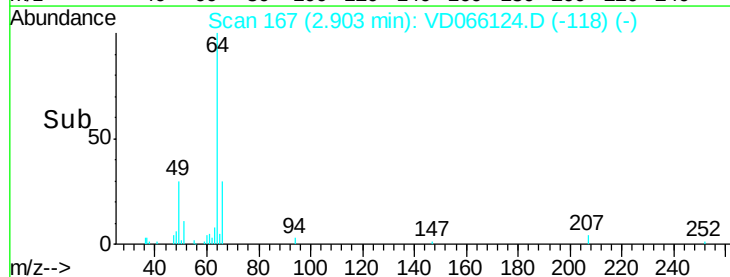
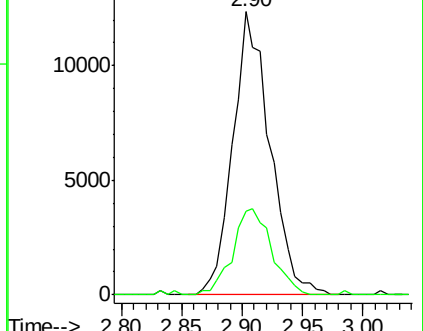
64 100

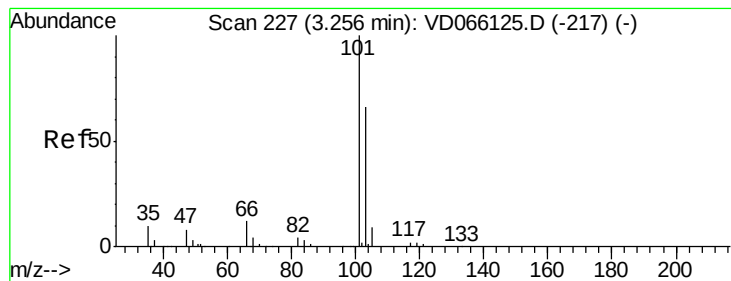
66 29.6 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



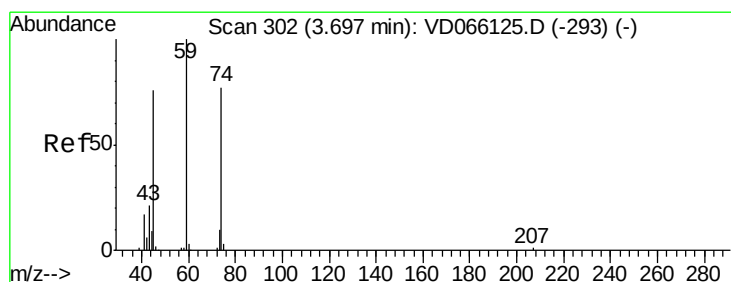
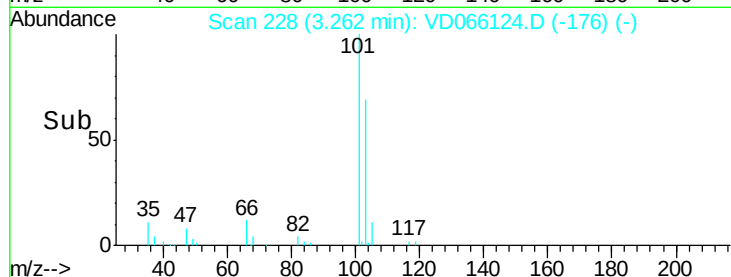
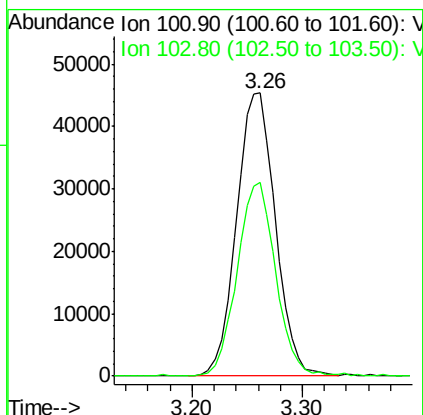
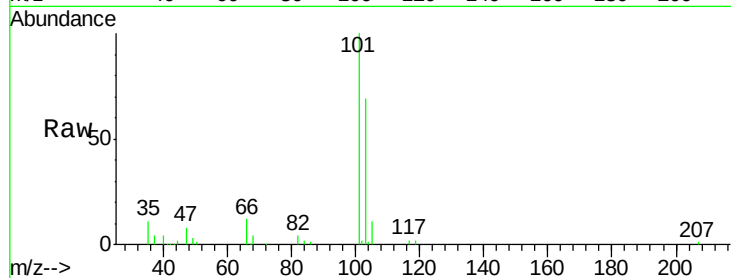


#7

Trichlorofluoromethane
 Concen: 19.311 ug/l
 RT: 3.26 min Scan# 228
 Delta R.T. 0.01 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Instrument :
 MSVOA_D
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 VSTDIC020

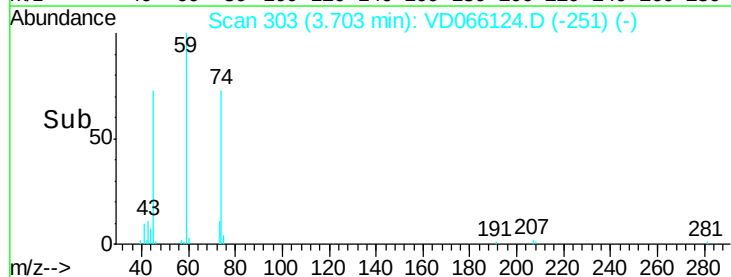
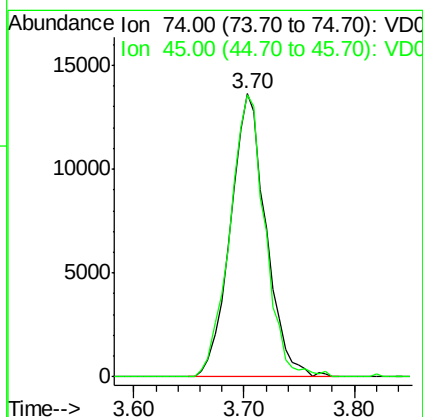
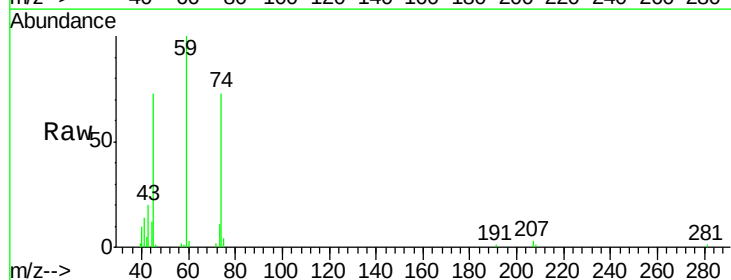
Tgt Ion: 101 Resp: 112175
 Ion Ratio Lower Upper
 101 100
 103 68.5 53.0 79.6

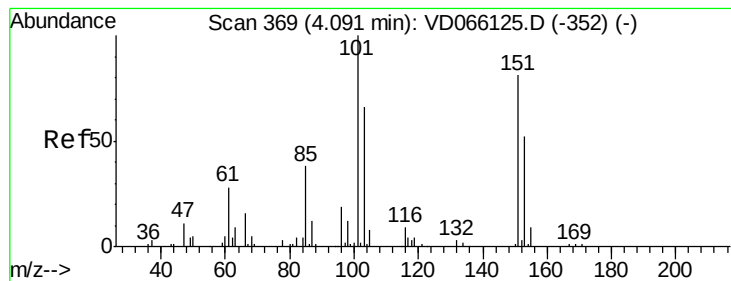


#8

Diethyl Ether
 Concen: 19.366 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Tgt Ion: 74 Resp: 30700
 Ion Ratio Lower Upper
 74 100
 45 99.1 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.239 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

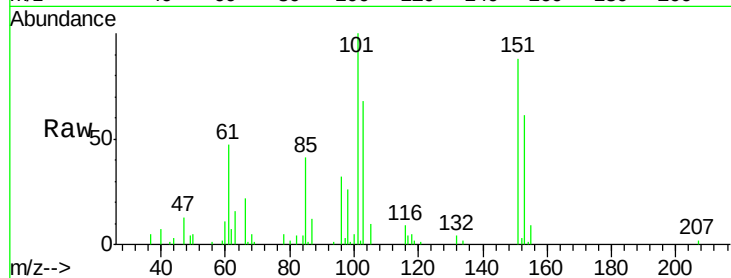
Tgt Ion:101 Resp: 66087

Ion Ratio Lower Upper

101 100

85 42.9 33.5 50.3

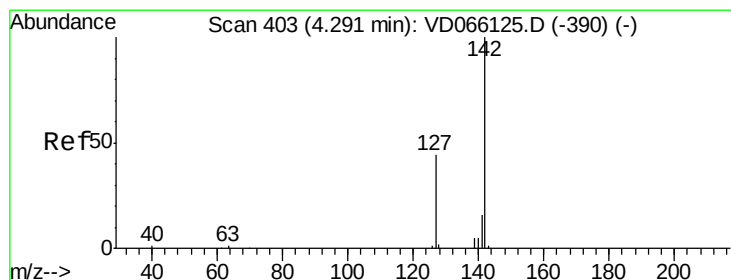
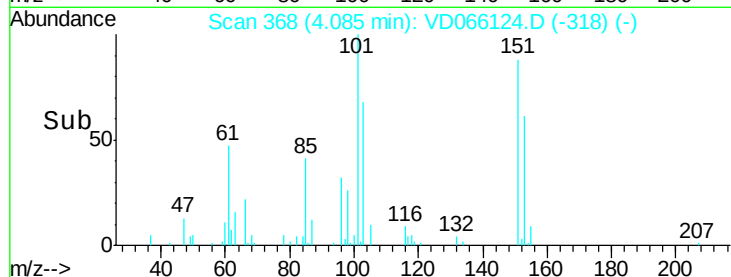
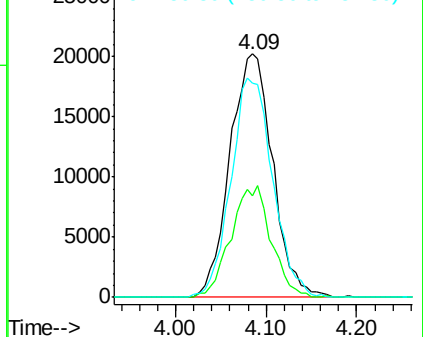
151 88.2 67.8 101.8



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: 19.701 ug/l

RT: 4.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

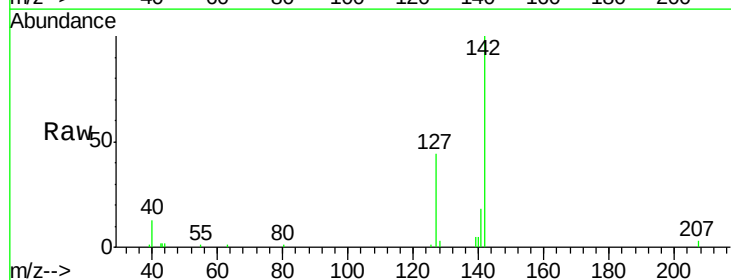
Tgt Ion:142 Resp: 41553

Ion Ratio Lower Upper

142 100

127 43.1 36.2 54.4

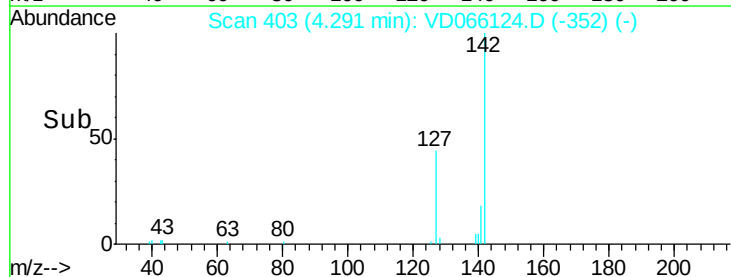
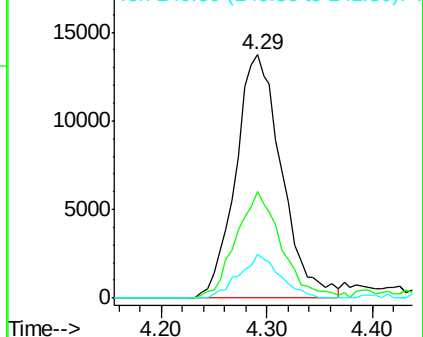
141 15.8 12.6 18.8

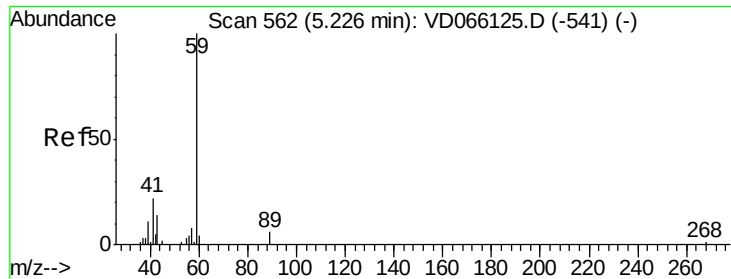


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

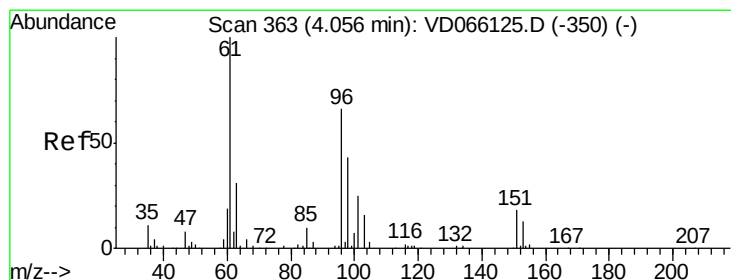
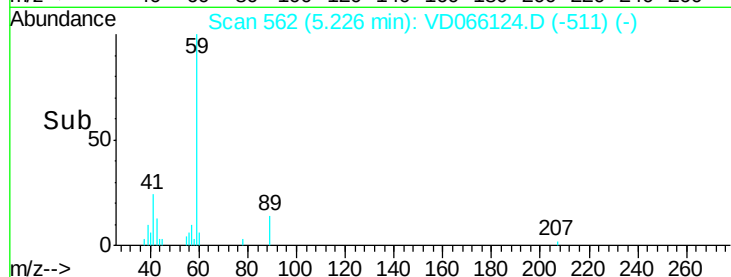
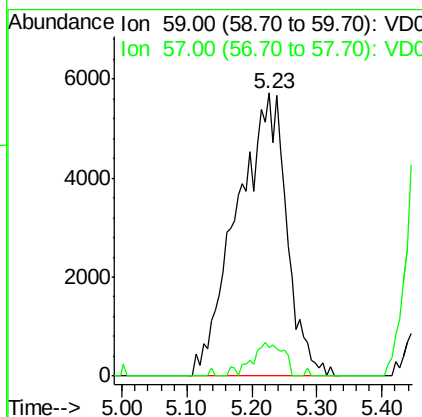
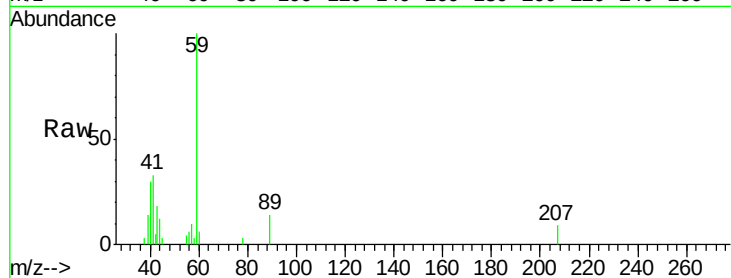




#11
Tert butyl alcohol
Concen: 79.698 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

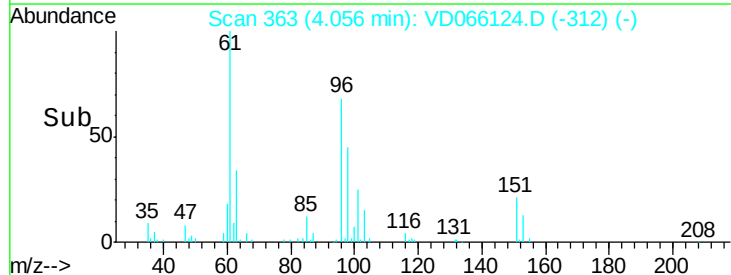
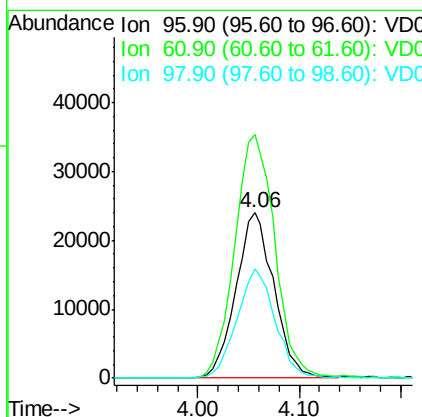
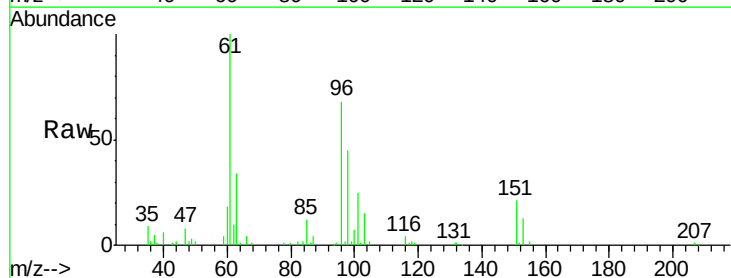
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

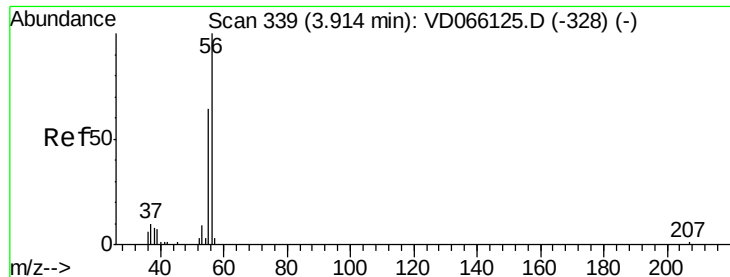
Tgt Ion: 59 Resp: 30200
Ion Ratio Lower Upper
59 100
57 7.1 7.0 10.4



#12
1,1-Dichloroethene
Concen: 19.440 ug/l
RT: 4.06 min Scan# 363
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Tgt Ion: 96 Resp: 62673
Ion Ratio Lower Upper
96 100
61 147.4 121.6 182.4
98 65.8 52.0 78.0





#13

Acrolein

Concen: 96.836 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

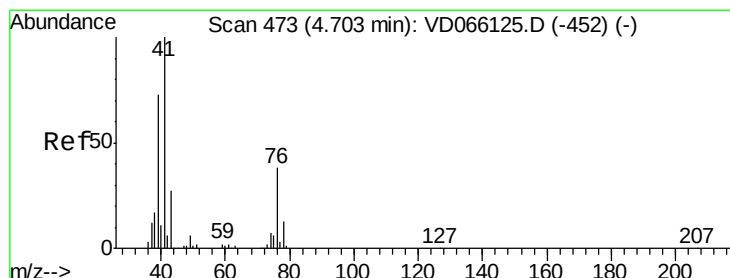
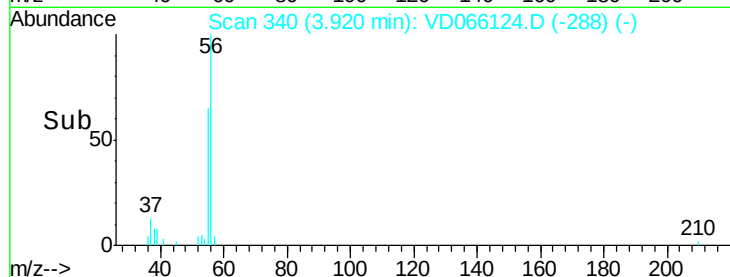
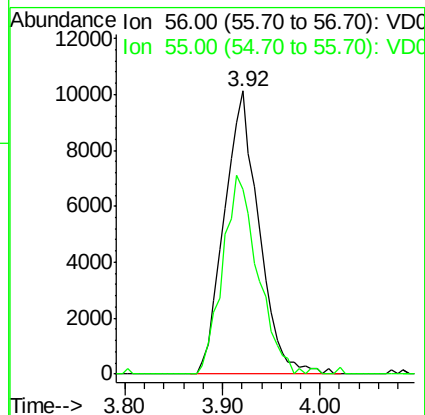
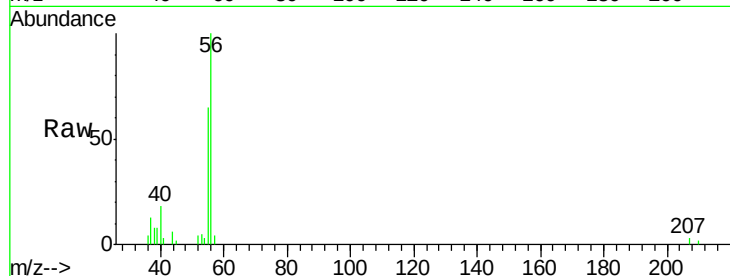
VSTDIC020

Tgt Ion: 56 Resp: 24927

Ion Ratio Lower Upper

56 100

55 71.4 56.7 85.1



#14

Allyl chloride

Concen: 19.459 ug/l

RT: 4.70 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

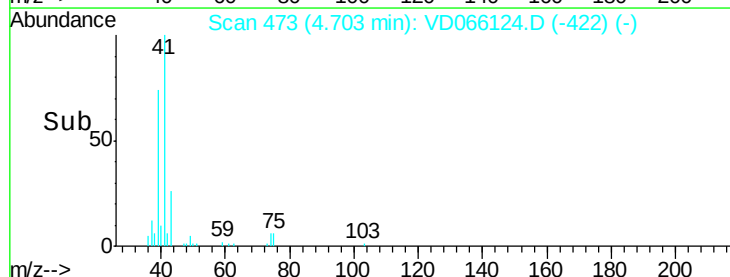
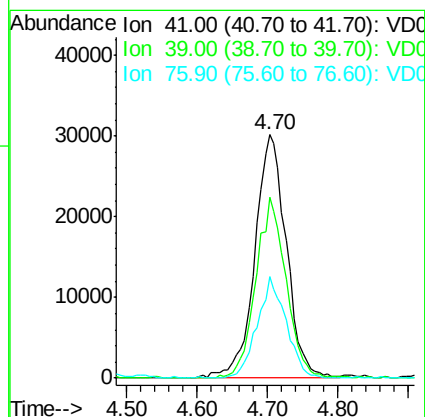
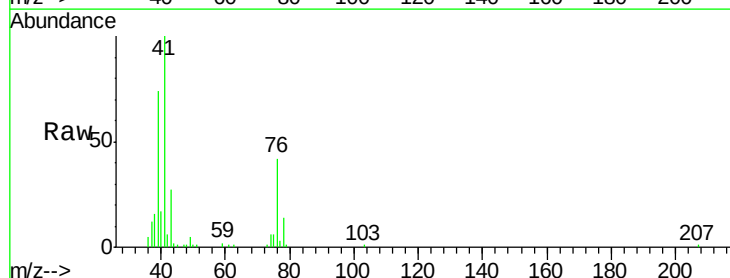
Tgt Ion: 41 Resp: 94158

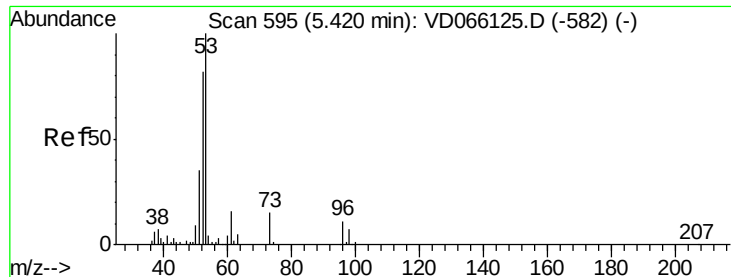
Ion Ratio Lower Upper

41 100

39 71.2 57.4 86.0

76 37.9 30.1 45.1





#15

Acrylonitrile

Concen: 96.970 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

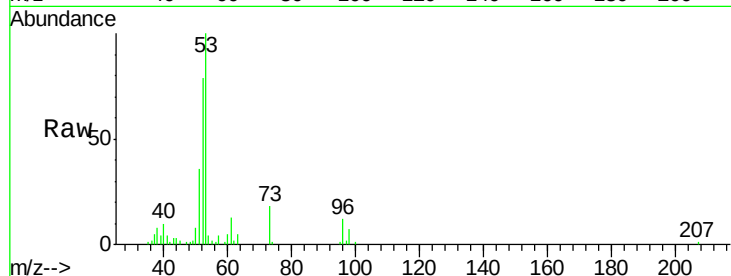
Tgt Ion: 53 Resp: 64635

Ion Ratio Lower Upper

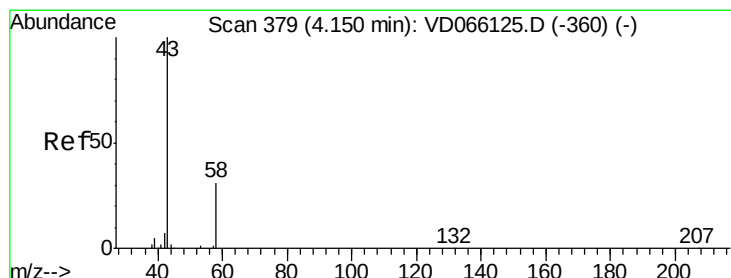
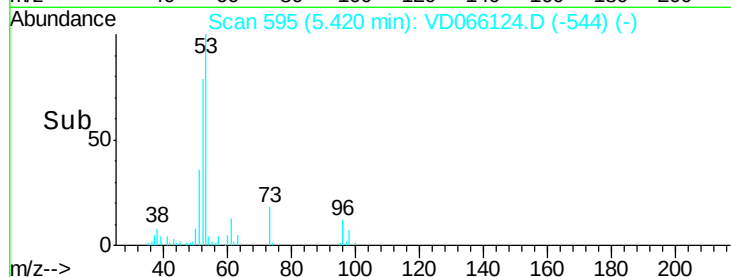
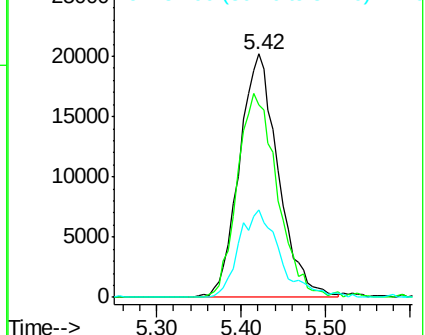
53 100

52 86.0 66.1 99.1

51 37.8 30.8 46.2



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: 87.090 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066124.D

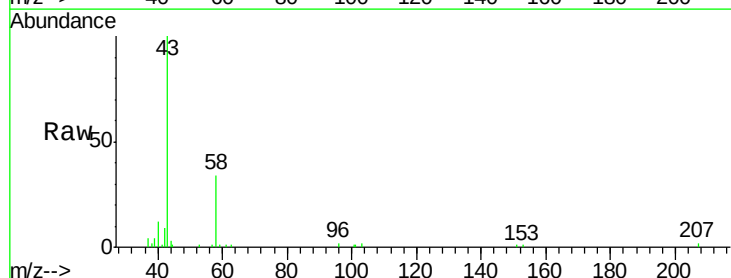
Acq: 05 Aug 2020 11:30

Tgt Ion: 43 Resp: 53333

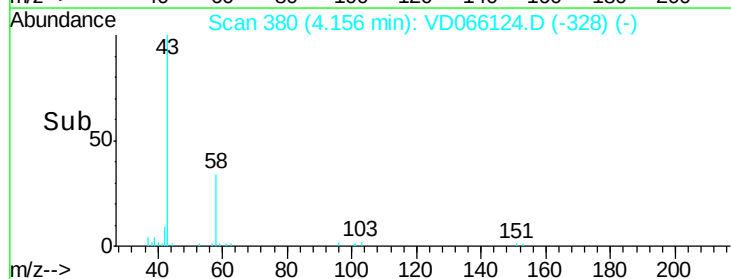
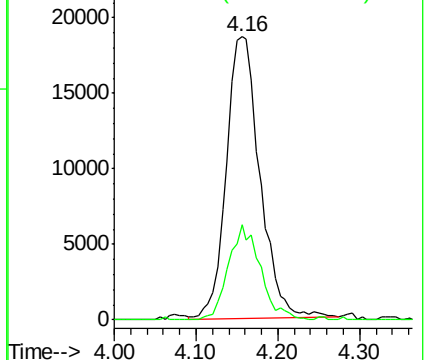
Ion Ratio Lower Upper

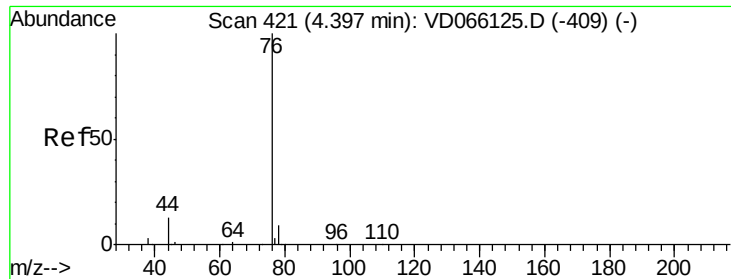
43 100

58 34.1 24.7 37.1



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

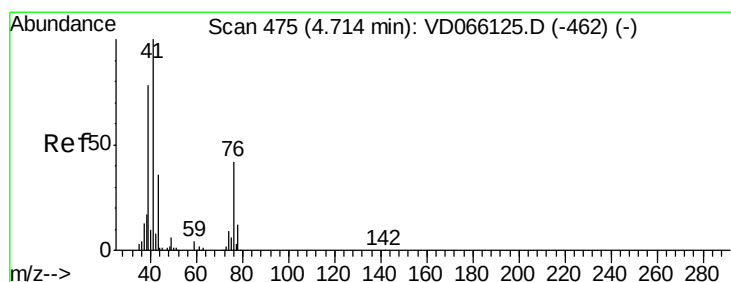
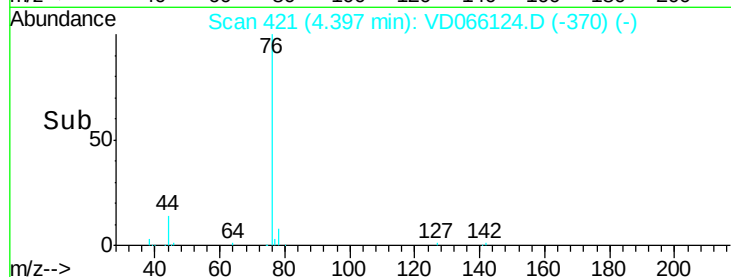
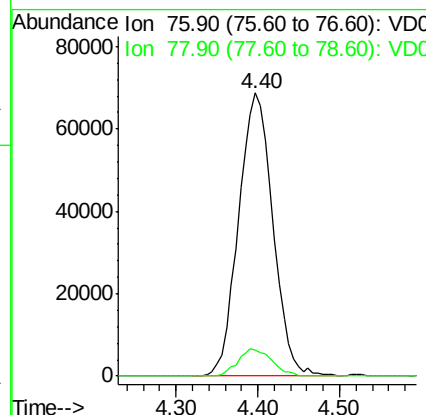
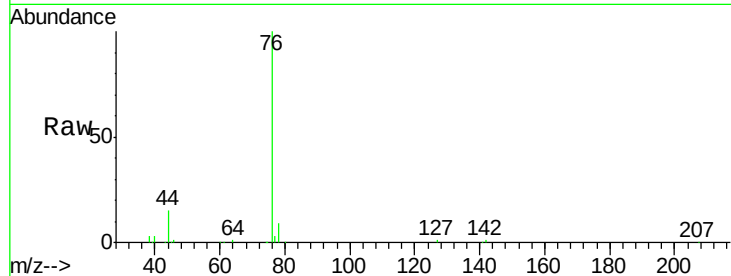




#17
Carbon Disulfide
Concen: 19.540 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

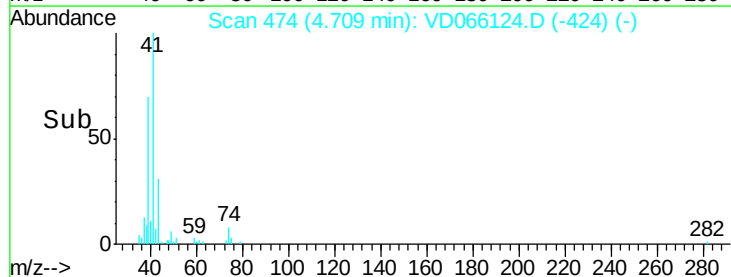
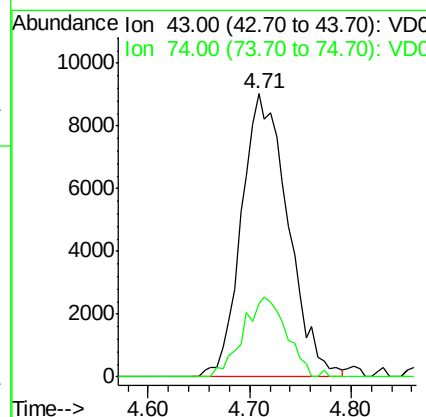
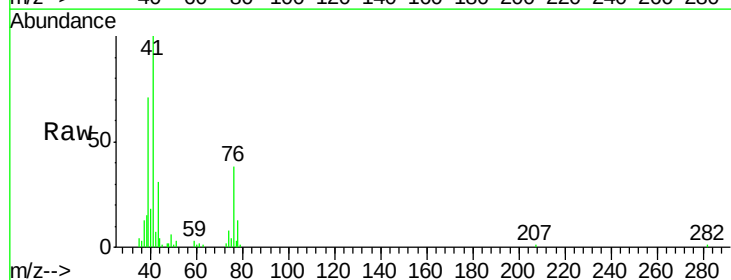
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

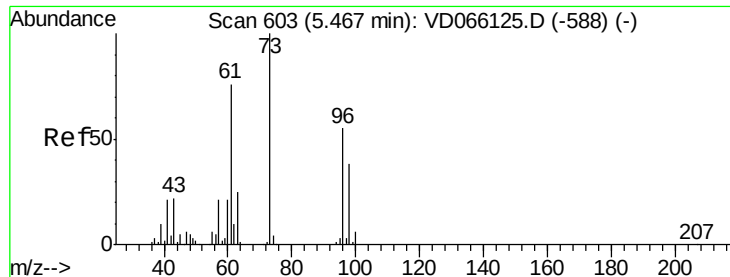
Tgt Ion: 76 Resp: 200552
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 18.322 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Tgt Ion: 43 Resp: 28777
Ion Ratio Lower Upper
43 100
74 26.2 21.2 31.8

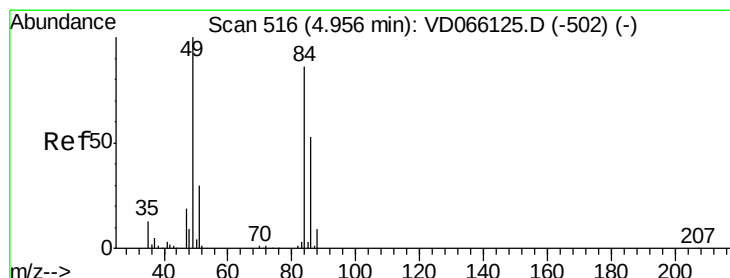
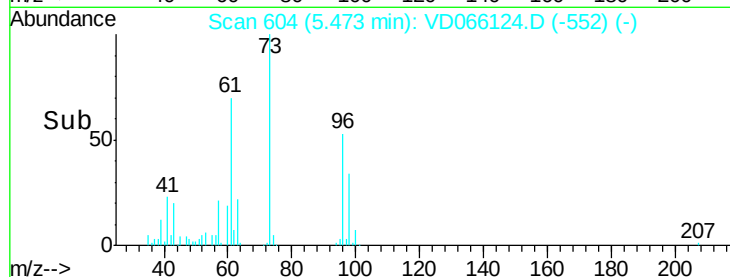
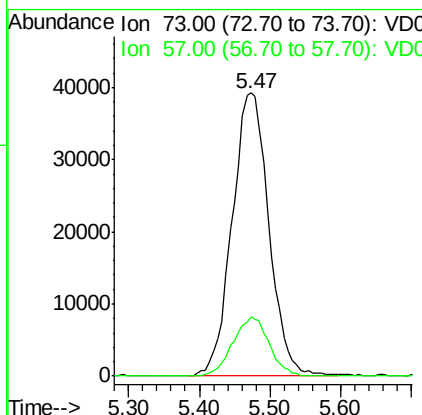
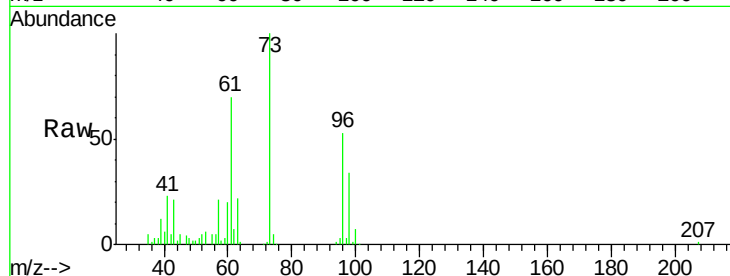




#19
Methyl tert-butyl Ether
Concen: 19.670 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

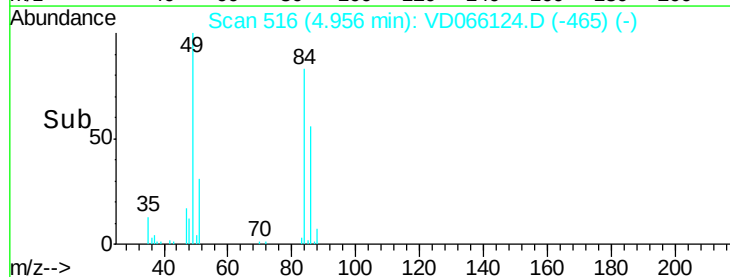
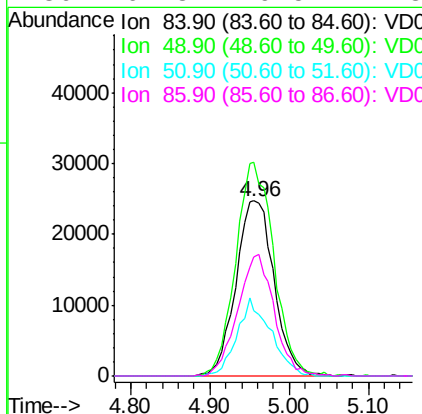
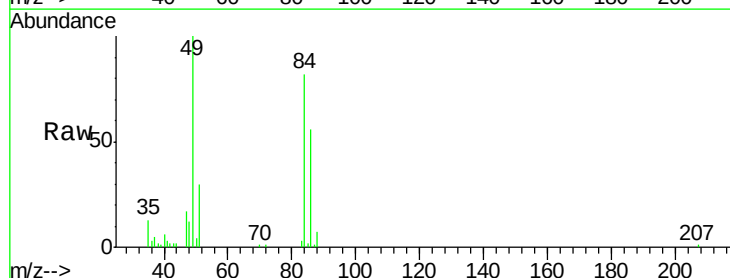
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

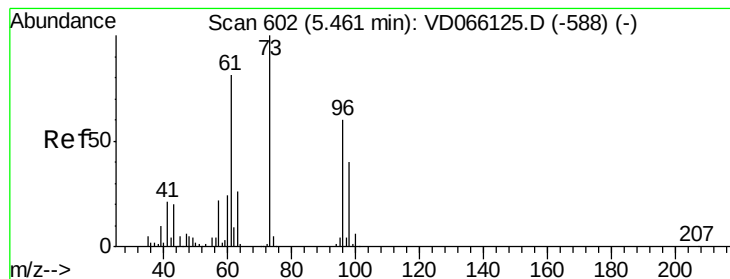
Tgt Ion: 73 Resp: 142069
Ion Ratio Lower Upper
73 100
57 20.8 17.1 25.7



#20
Methylene Chloride
Concen: 18.311 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Tgt Ion: 84 Resp: 82707
Ion Ratio Lower Upper
84 100
49 122.0 93.5 140.3
51 37.1 28.2 42.4
86 67.8 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 19.407 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

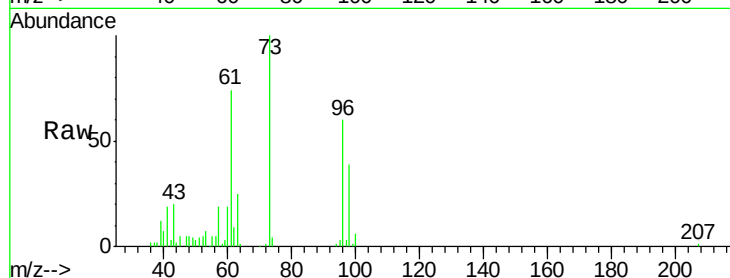
Tgt Ion: 96 Resp: 72020

Ion Ratio Lower Upper

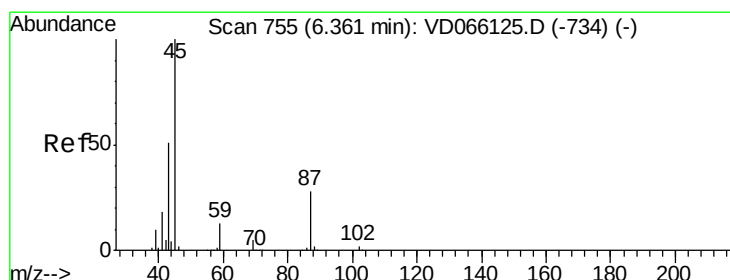
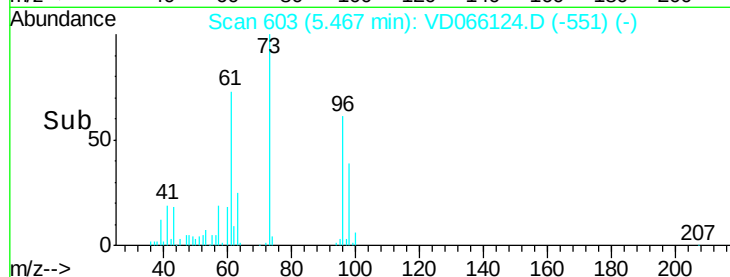
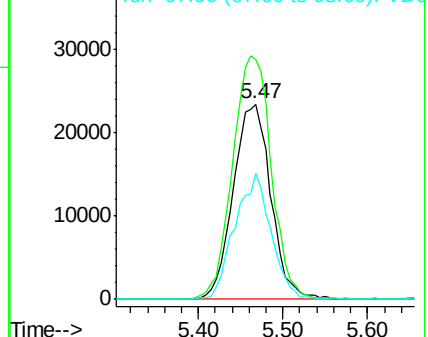
96 100

61 122.5 106.9 160.3

98 64.1 53.4 80.0



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



#22

Diisopropyl ether

Concen: 19.718 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Tgt Ion: 45 Resp: 188560

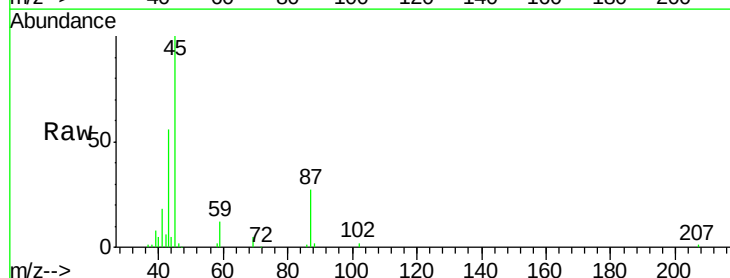
Ion Ratio Lower Upper

45 100

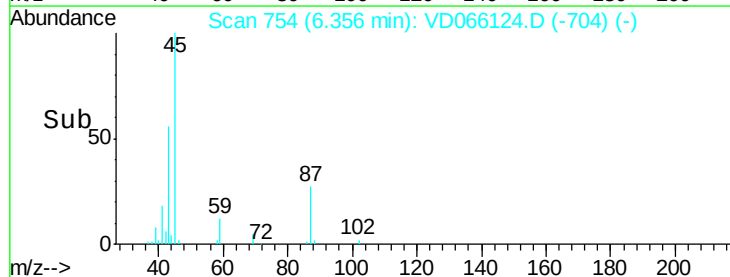
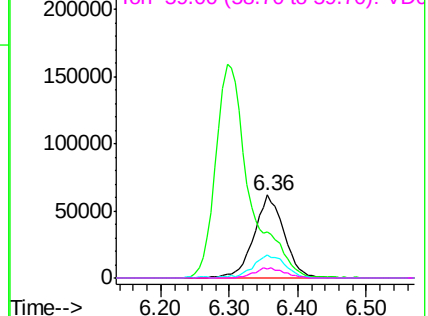
43 55.7 41.2 61.8

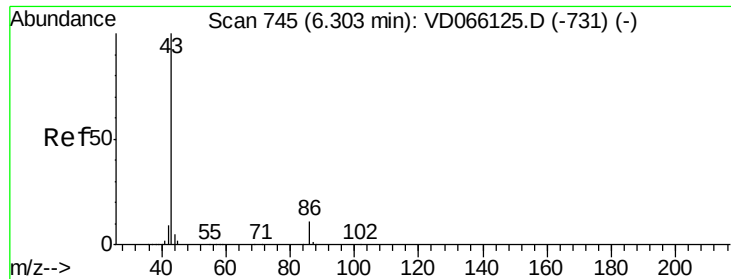
87 27.4 22.8 34.2

59 11.6 10.2 15.2



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: 98.141 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

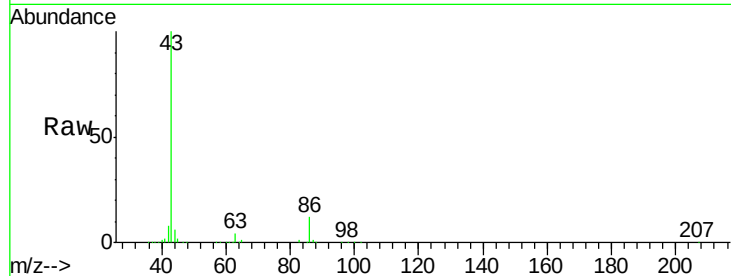
VSTDIC020

Tgt Ion: 43 Resp: 543131

Ion Ratio Lower Upper

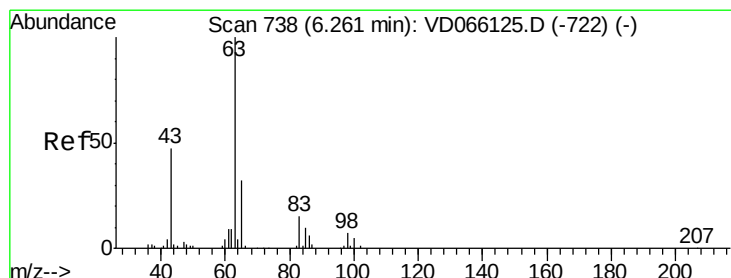
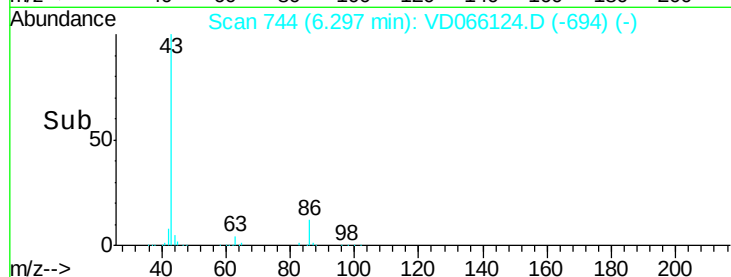
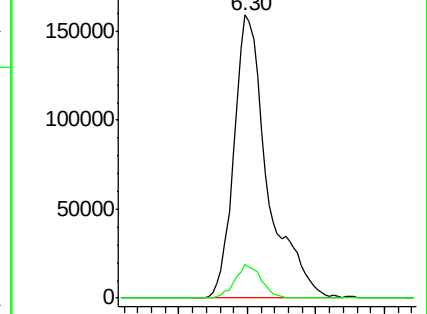
43 100

86 11.9 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.338 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

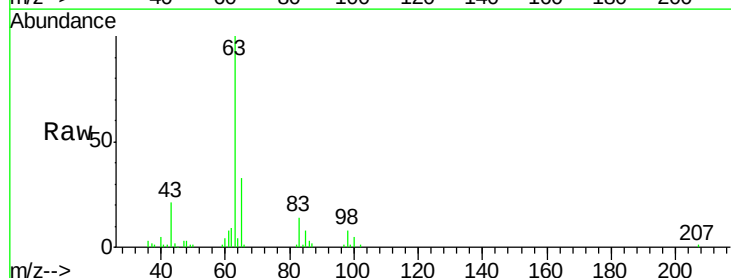
Tgt Ion: 63 Resp: 115369

Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.5

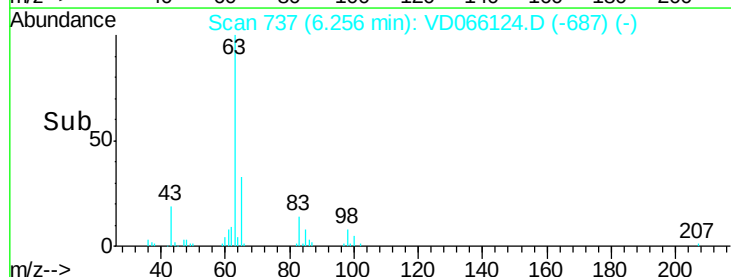
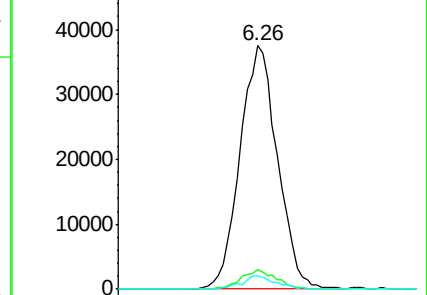
100 5.2 2.4 7.2

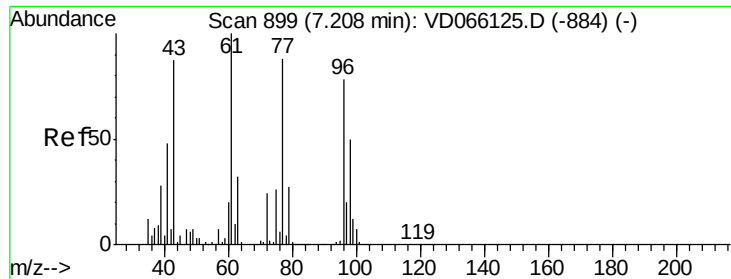


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 94.622 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

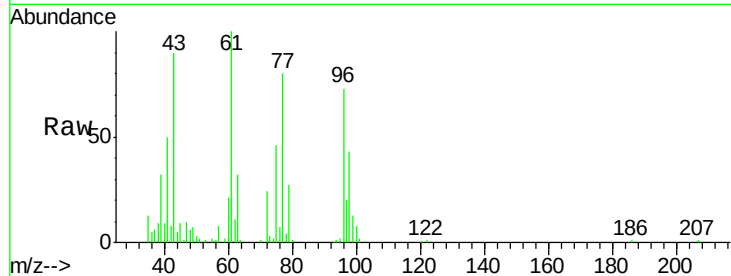
VSTDIC020

Tgt Ion: 43 Resp: 85727

Ion Ratio Lower Upper

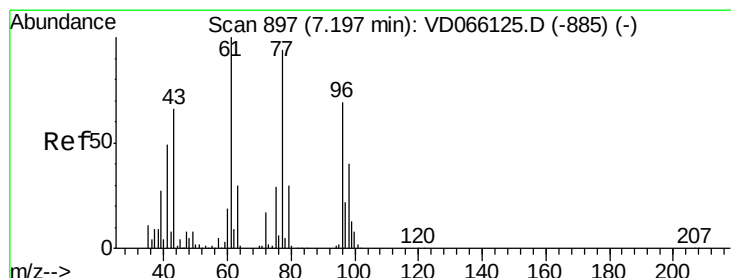
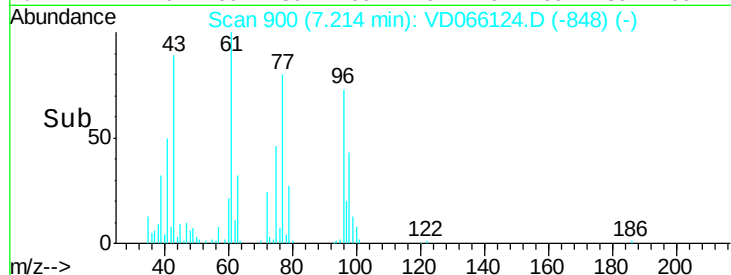
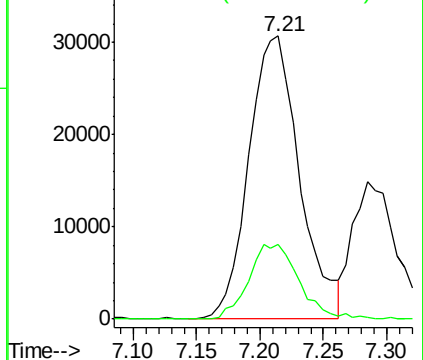
43 100

72 26.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 18.817 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066124.D

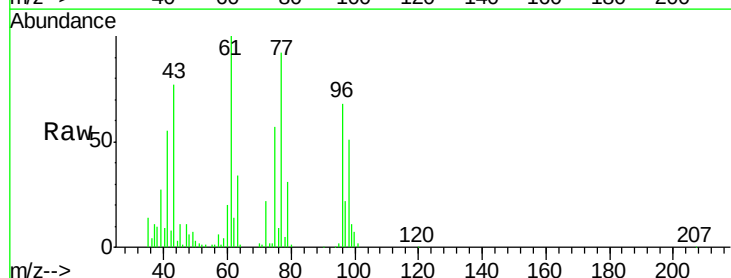
Acq: 05 Aug 2020 11:30

Tgt Ion: 77 Resp: 102767

Ion Ratio Lower Upper

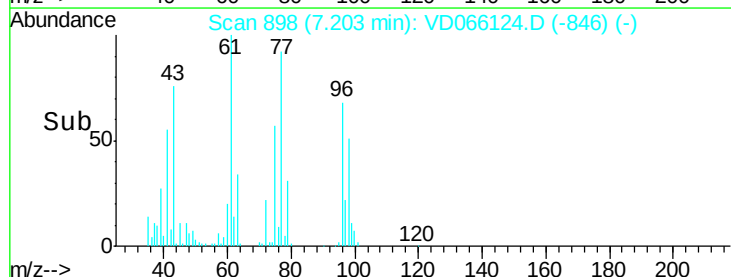
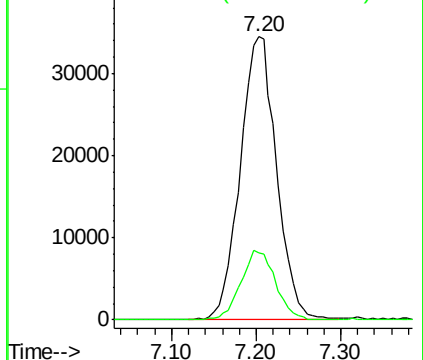
77 100

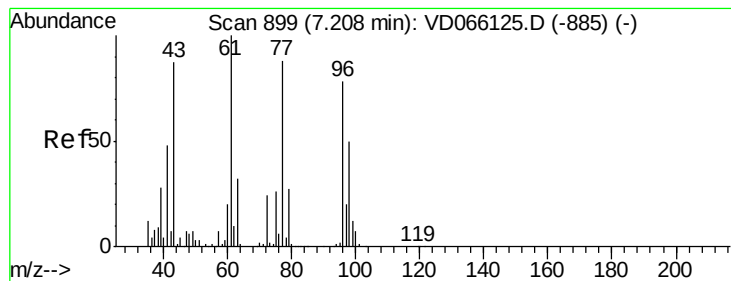
97 23.2 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



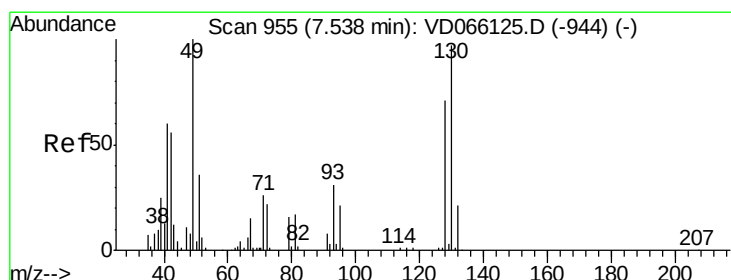
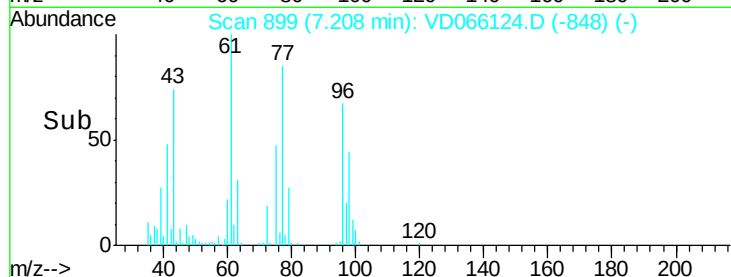
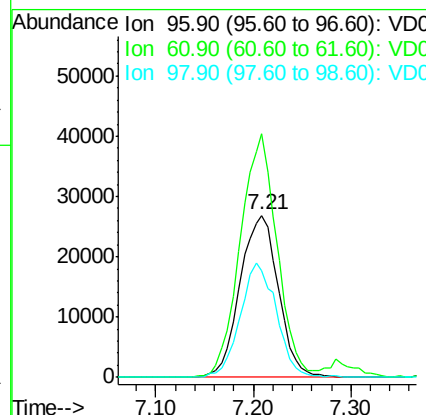
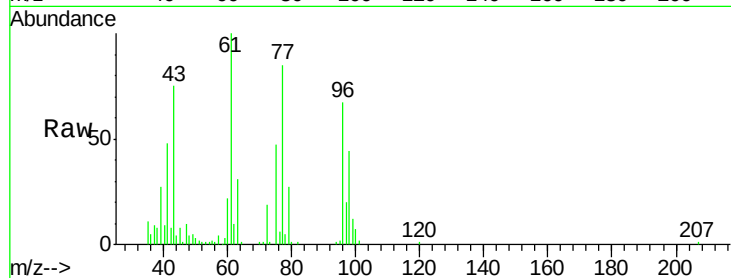


#27

cis-1,2-Dichloroethene
 Concen: 19.157 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

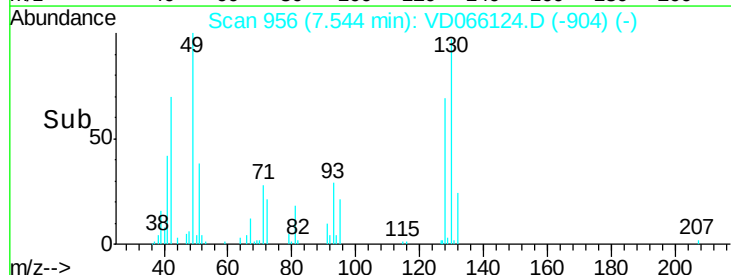
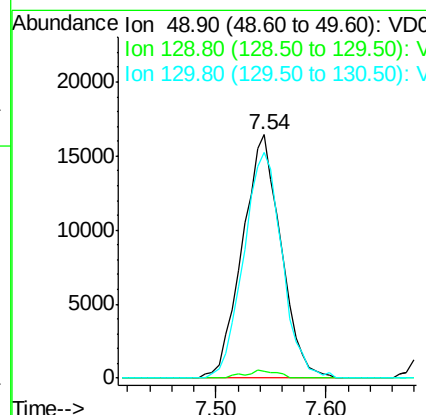
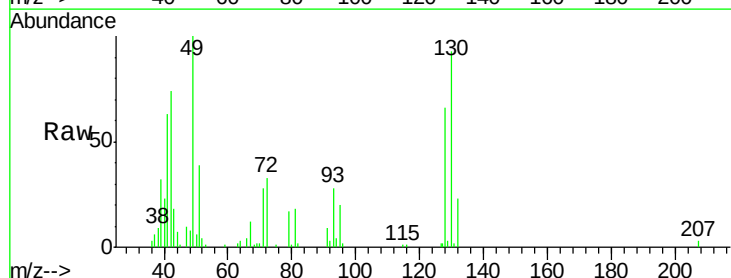
Tgt Ion: 96 Resp: 73569
 Ion Ratio Lower Upper
 96 100
 61 144.5 0.0 281.6
 98 66.2 0.0 130.8

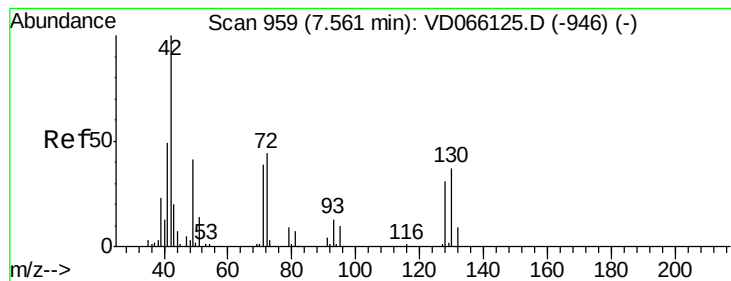


#28

Bromochloromethane
 Concen: 19.410 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Tgt Ion: 49 Resp: 40470
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 6.0
 130 92.1 73.8 110.6





#29

Tetrahydrofuran

Concen: 95.749 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

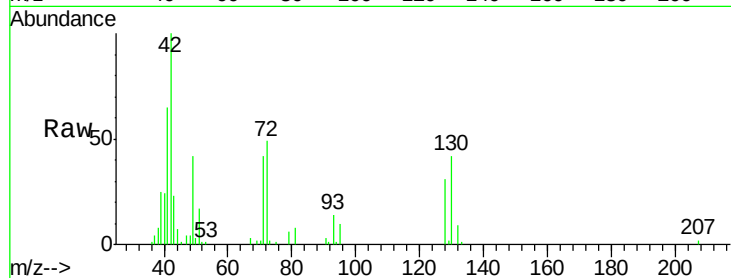
Tgt Ion: 42 Resp: 52728

Ion Ratio Lower Upper

42 100

72 45.1 34.8 52.2

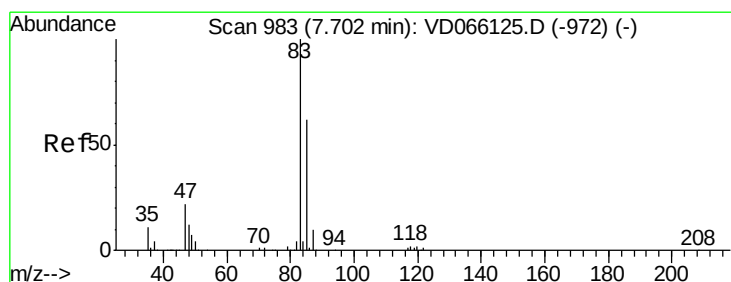
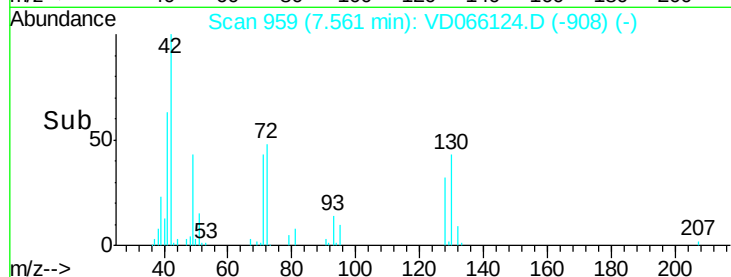
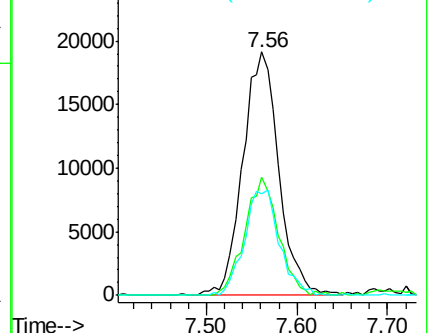
71 42.0 33.5 50.3



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: 18.977 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066124.D

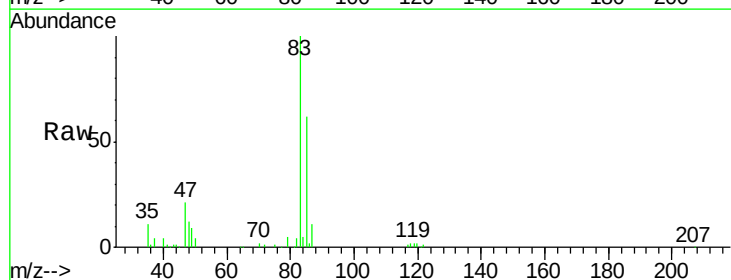
Acq: 05 Aug 2020 11:30

Tgt Ion: 83 Resp: 119152

Ion Ratio Lower Upper

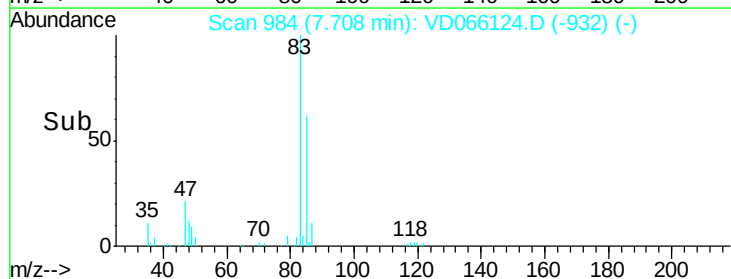
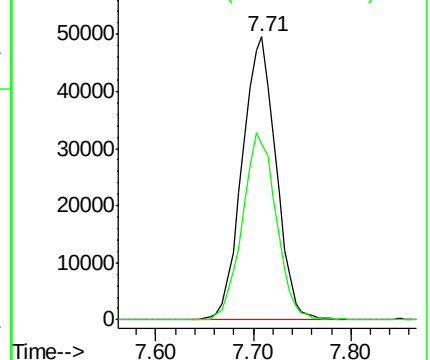
83 100

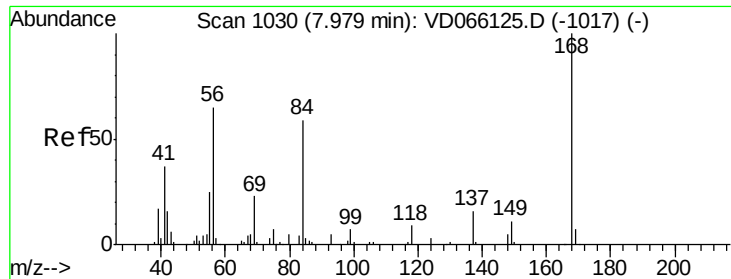
85 62.1 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

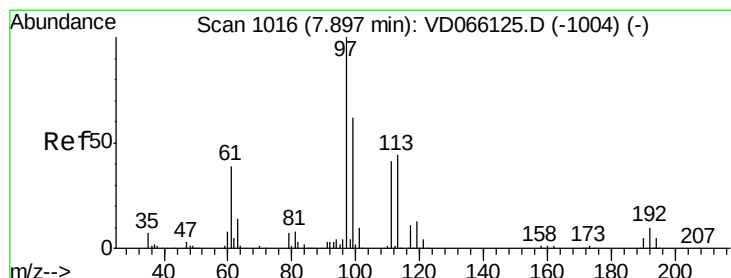
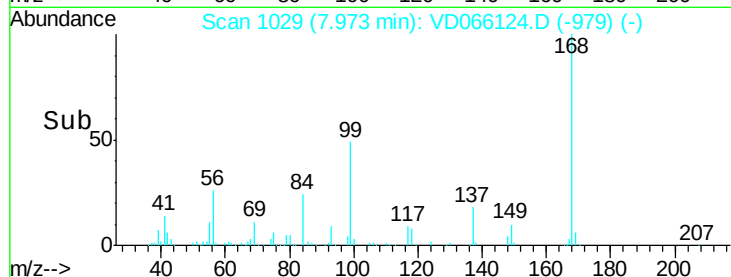
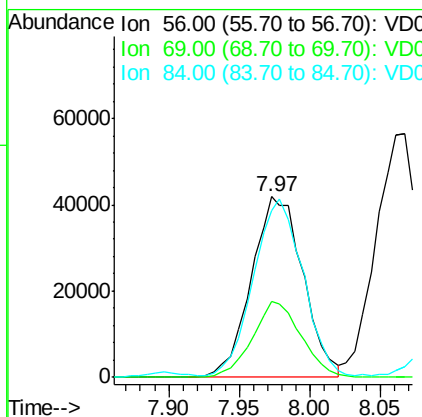
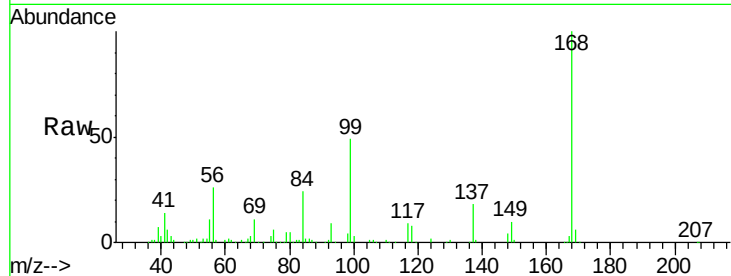




#31
Cyclohexane
Concen: 18.405 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

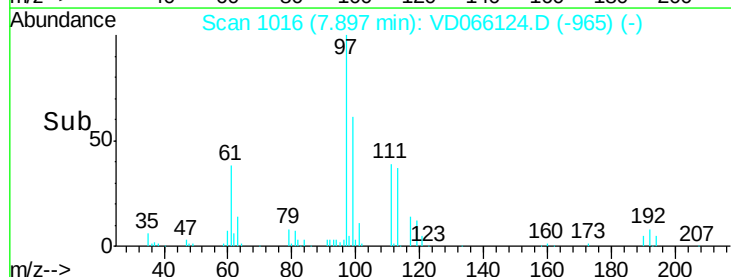
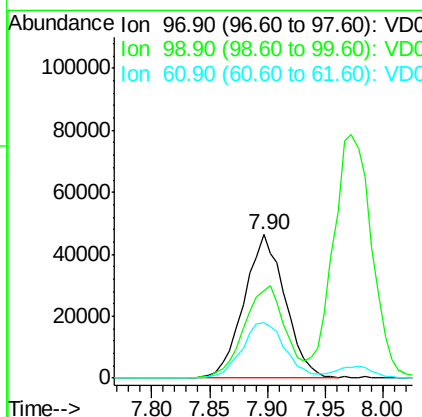
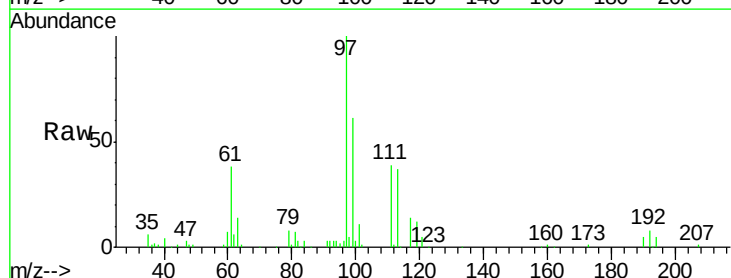
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

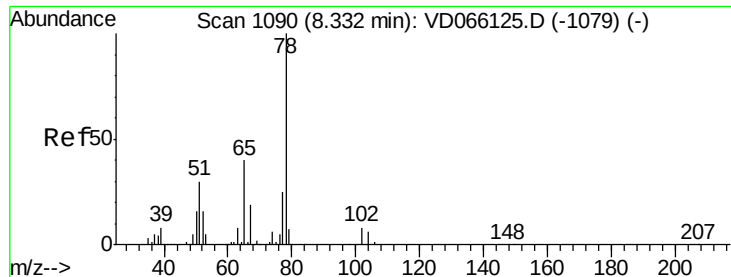
Tgt Ion: 56 Resp: 107062
Ion Ratio Lower Upper
56 100
69 42.1 28.8 43.2
84 90.5 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 19.466 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Tgt Ion: 97 Resp: 114368
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 40.9 32.7 49.1

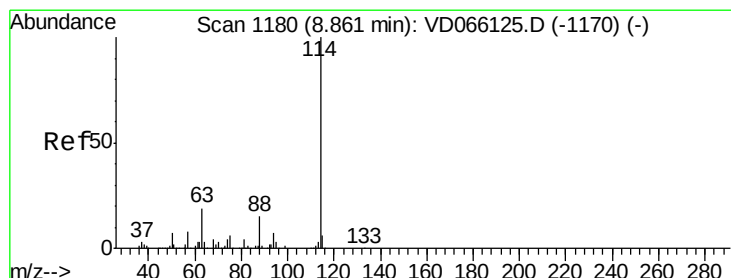
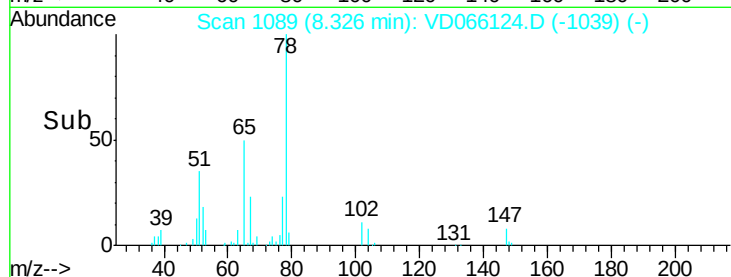
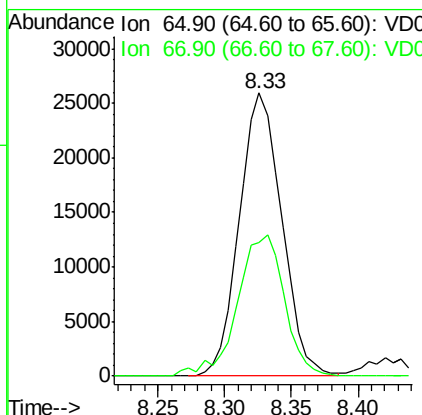
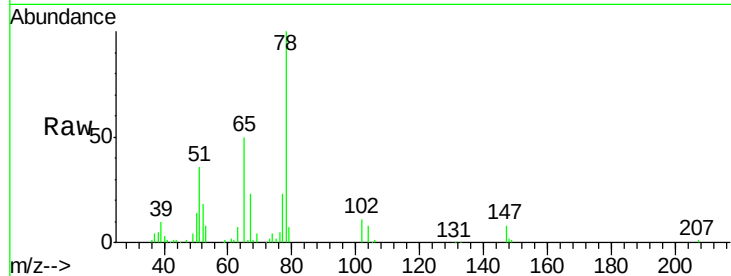




#33
 1,2-Dichloroethane-d4
 Concen: 17.945 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

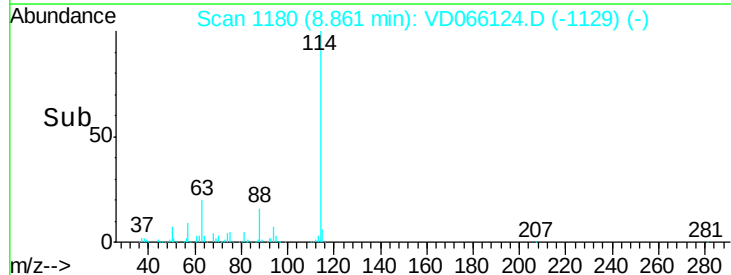
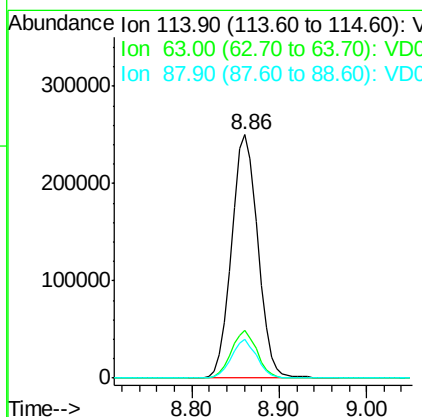
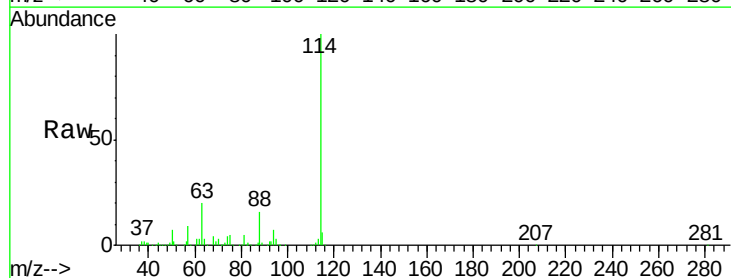
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

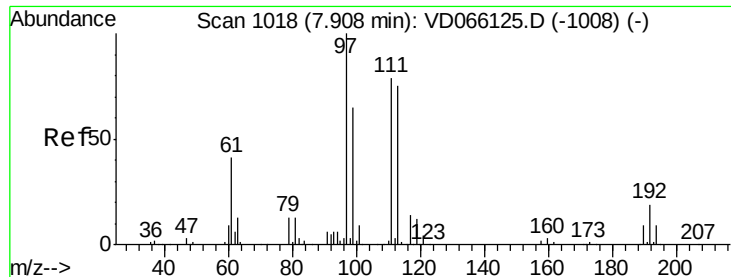
Tgt Ion: 65 Resp: 57152
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Tgt Ion: 114 Resp: 508855
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 16.1 0.0 30.0

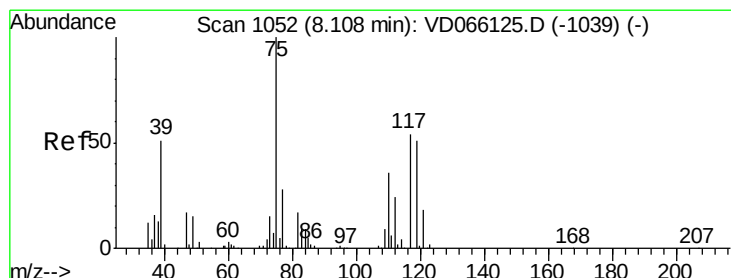
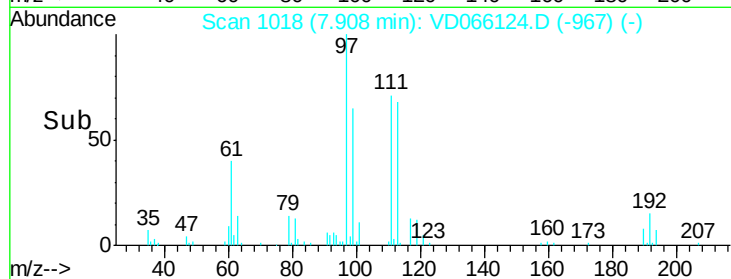
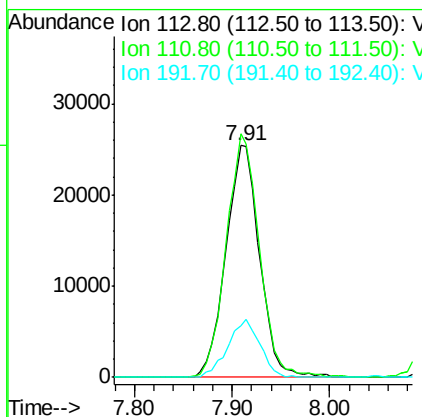
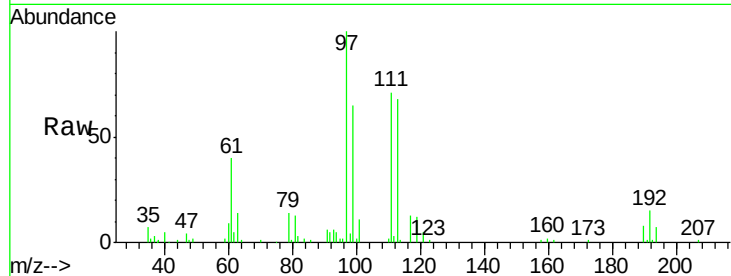




#35
 Dibromofluoromethane
 Concen: 18.687 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

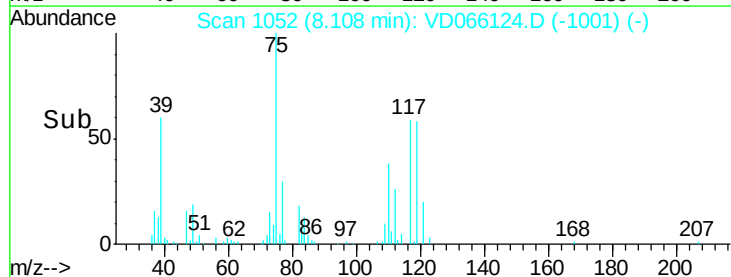
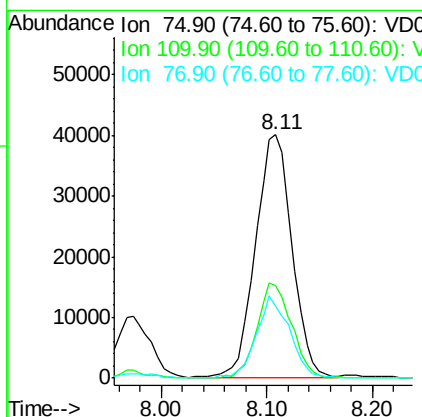
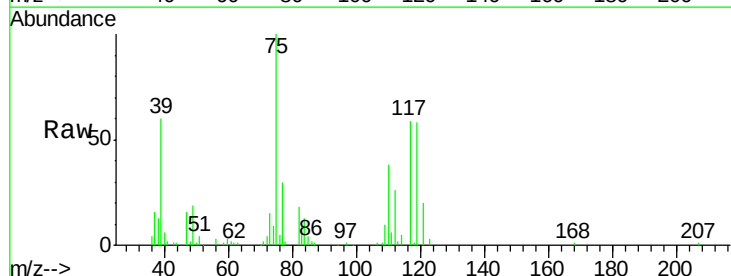
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

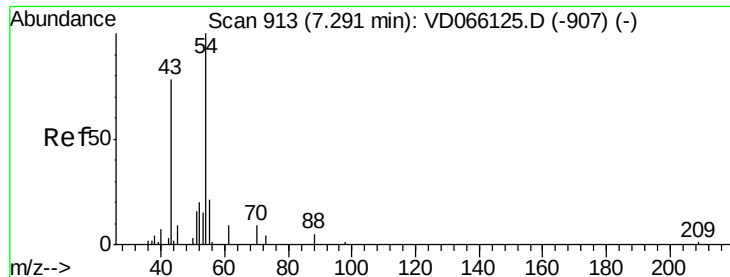
Tgt Ion: 113 Resp: 60791
 Ion Ratio Lower Upper
 113 100
 111 103.3 80.7 121.1
 192 23.9 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 19.676 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Tgt Ion: 75 Resp: 96641
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.8 56.3
 77 31.0 24.2 36.2

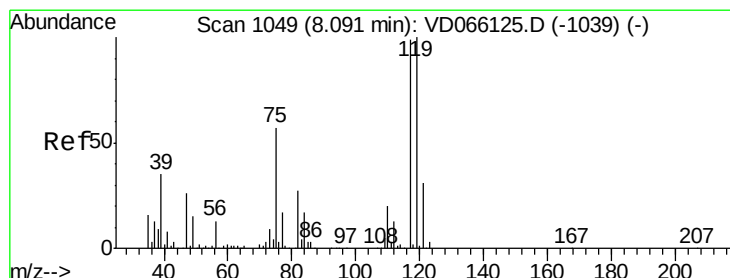
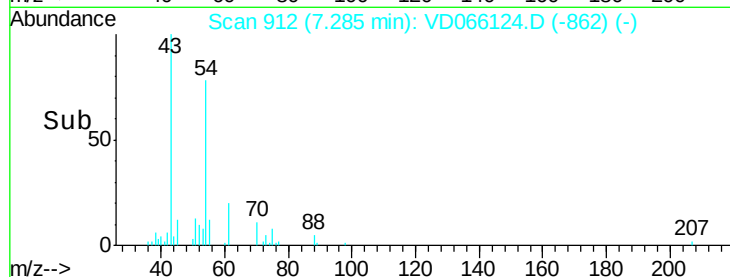
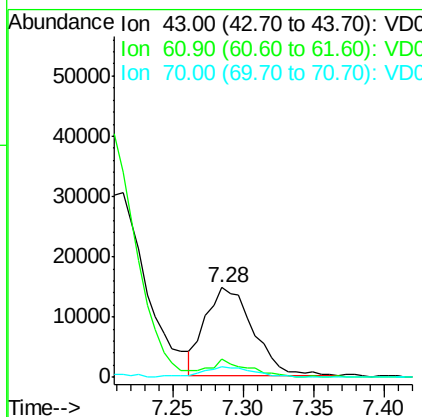
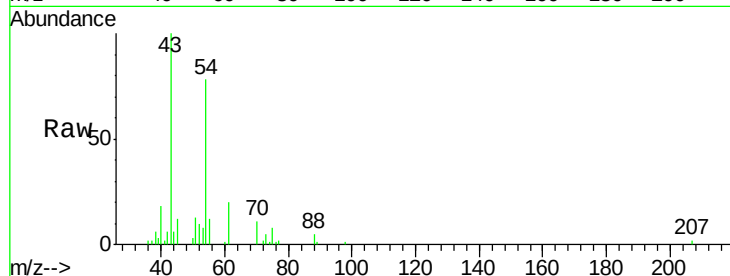




#37
Ethyl Acetate
Concen: 18.124 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

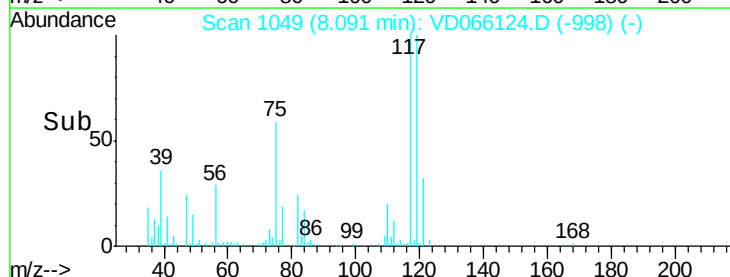
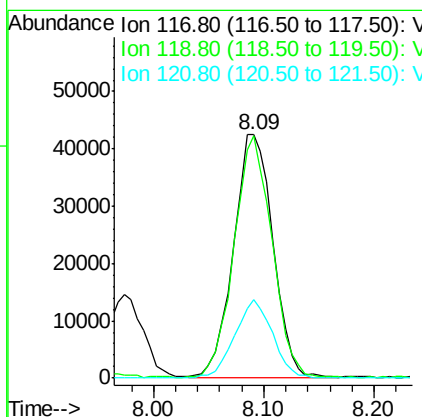
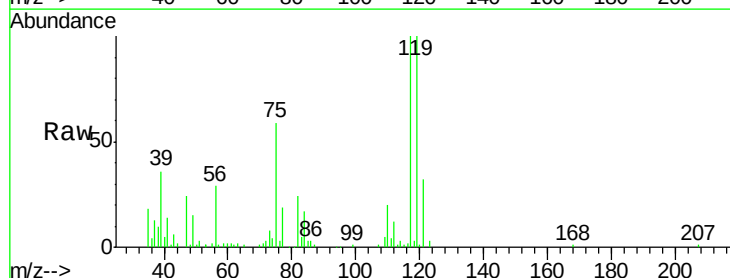
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

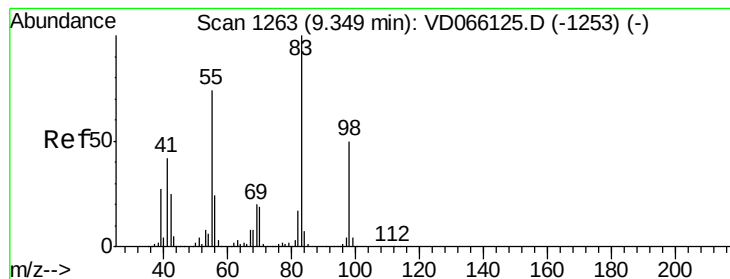
Tgt Ion: 43 Resp: 34544
Ion Ratio Lower Upper
43 100
61 15.9 12.0 18.0
70 12.8 9.7 14.5



#38
Carbon Tetrachloride
Concen: 19.622 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Tgt Ion: 117 Resp: 107143
Ion Ratio Lower Upper
117 100
119 99.1 81.0 121.4
121 32.2 24.8 37.2





#39

Methylcyclohexane

Concen: 19.843 ug/l

RT: 9.36 min Scan# 1264

Delta R.T. 0.01 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

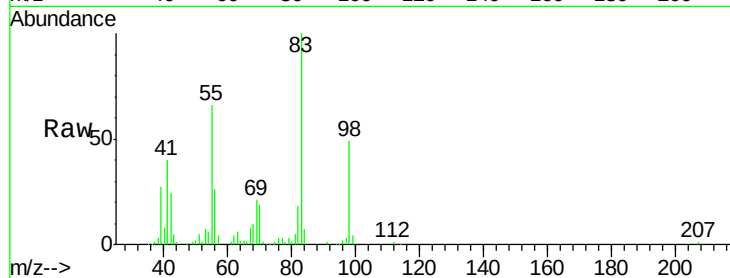
Tgt Ion: 83 Resp: 115650

Ion Ratio Lower Upper

83 100

55 65.6 59.2 88.8

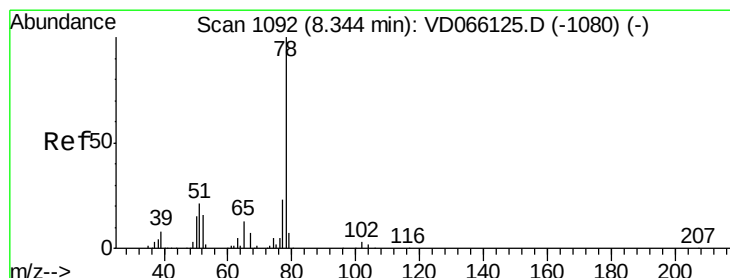
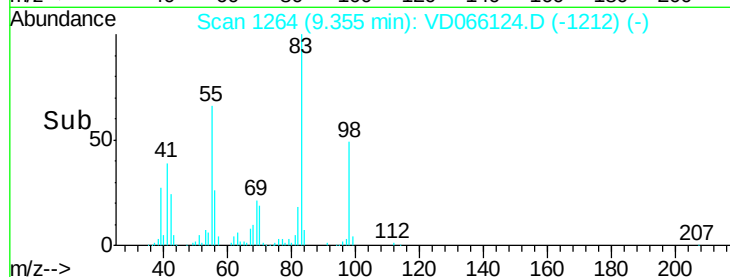
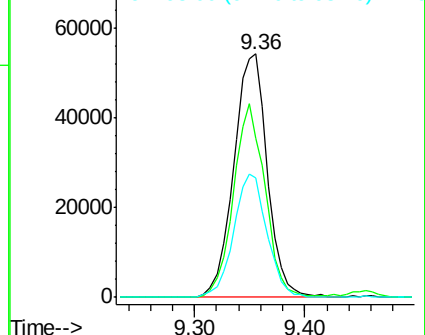
98 48.8 39.8 59.6



Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC



#40

Benzene

Concen: 19.536 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VD066124.D

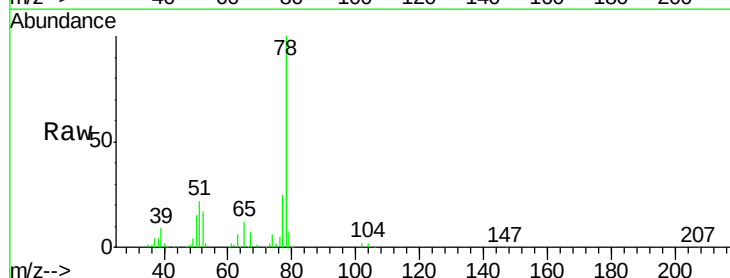
Acq: 05 Aug 2020 11:30

Tgt Ion: 78 Resp: 266270

Ion Ratio Lower Upper

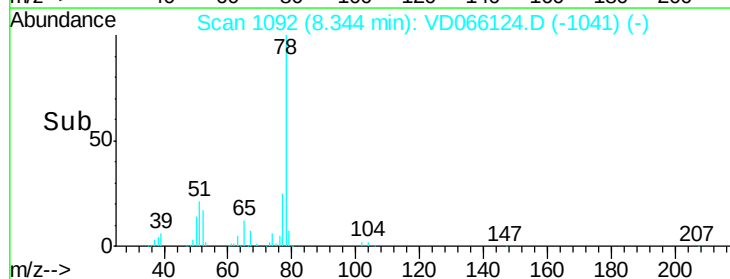
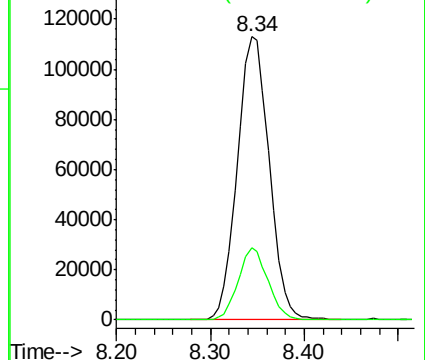
78 100

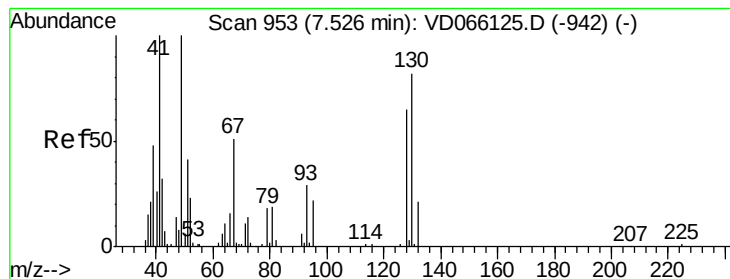
77 25.4 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC





#41

Methacrylonitrile

Concen: 21.533 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 23387

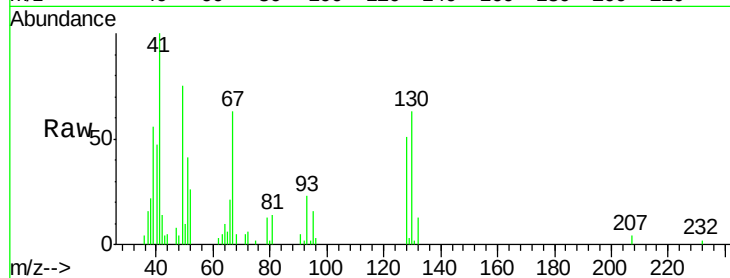
Ion Ratio Lower Upper

41 100

39 54.6 47.5 71.3

67 65.9 59.1 88.7

52 28.1 25.4 38.0

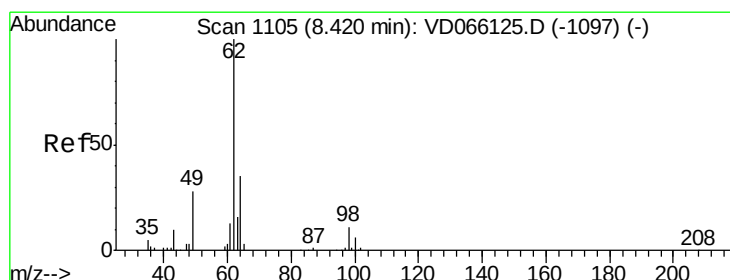
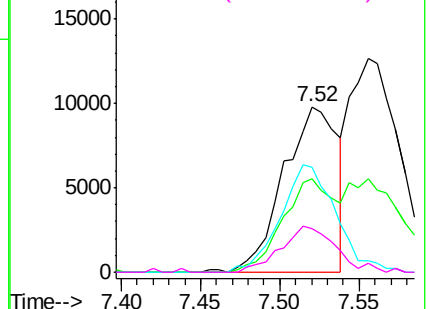
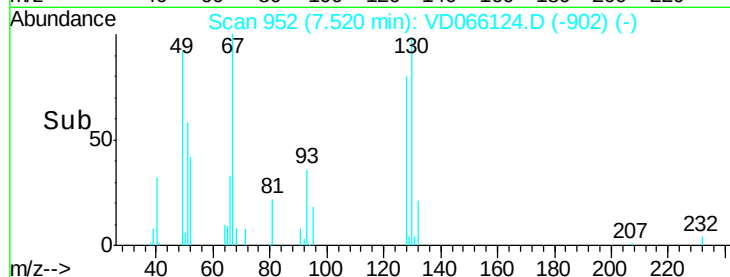


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 18.741 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066124.D

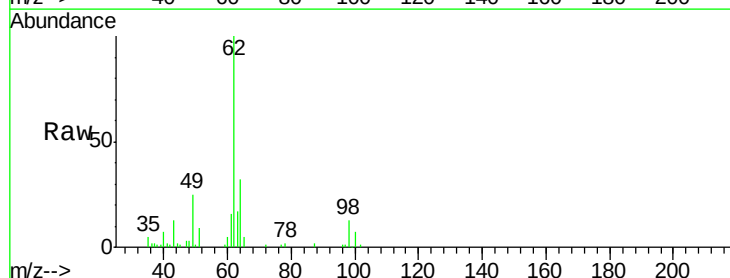
Acq: 05 Aug 2020 11:30

Tgt Ion: 62 Resp: 74603

Ion Ratio Lower Upper

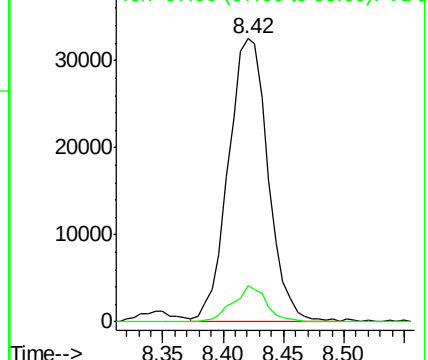
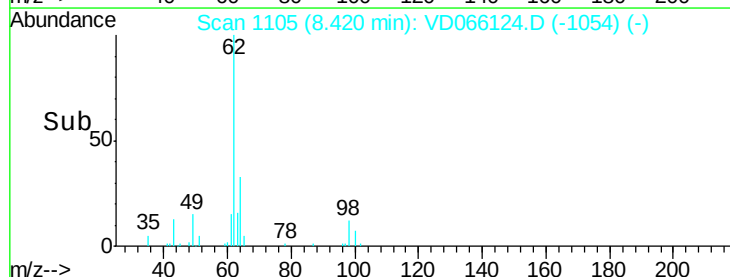
62 100

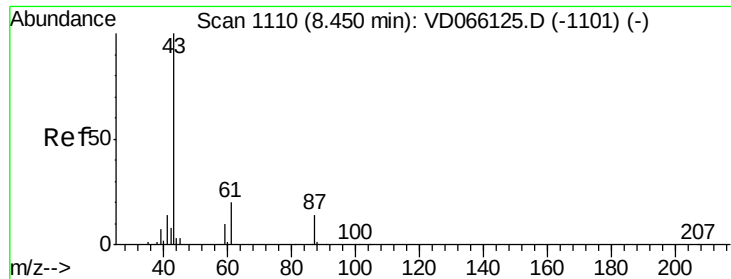
98 10.7 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.772 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

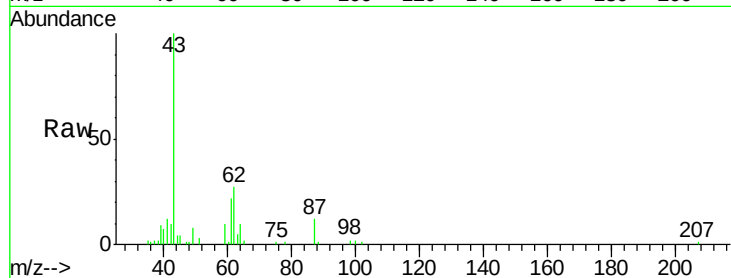
Tgt Ion: 43 Resp: 73642

Ion Ratio Lower Upper

43 100

61 30.9 25.5 38.3

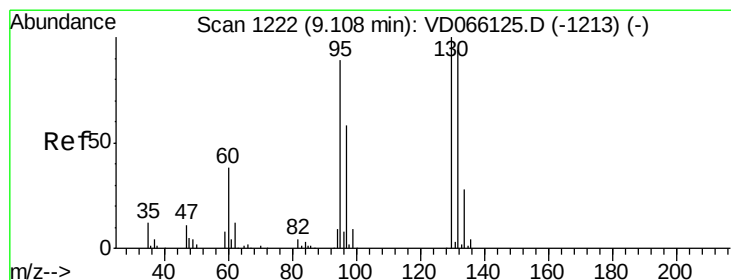
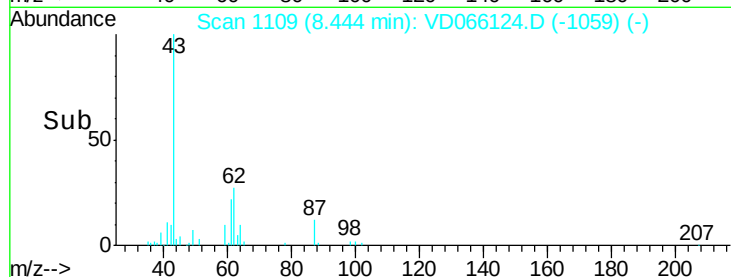
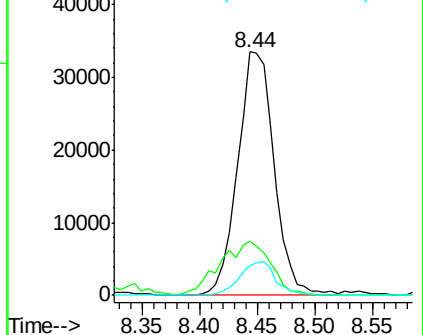
87 13.5 11.2 16.8



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: 20.117 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066124.D

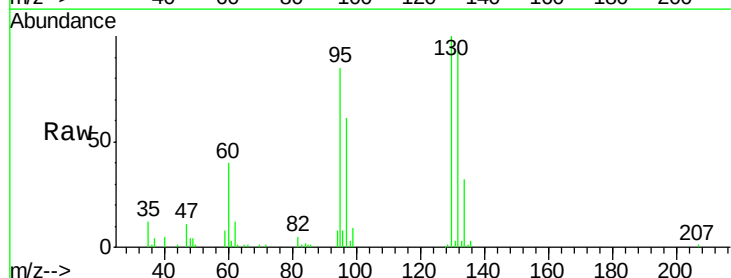
Acq: 05 Aug 2020 11:30

Tgt Ion: 130 Resp: 81933

Ion Ratio Lower Upper

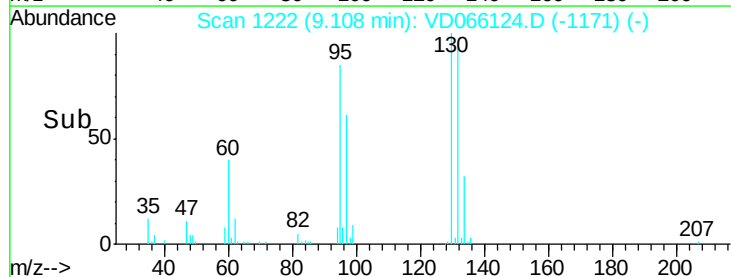
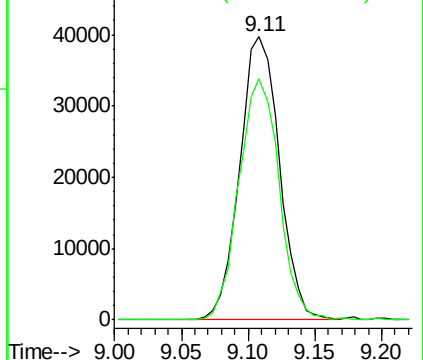
130 100

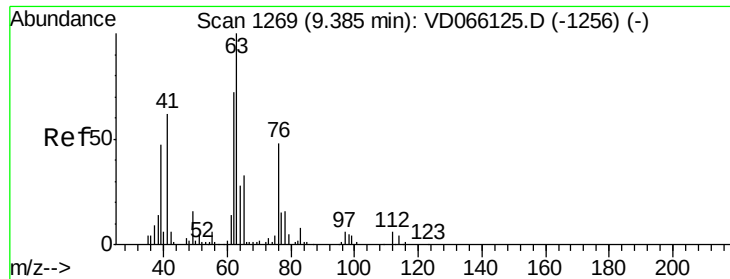
95 85.2 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

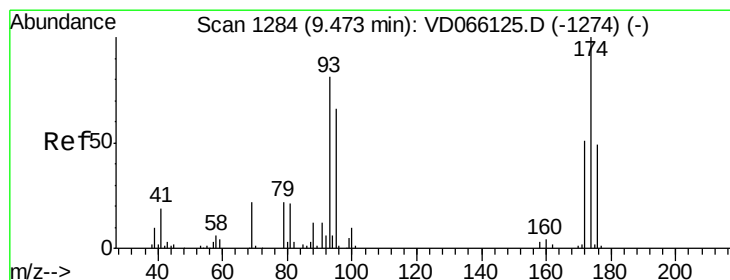
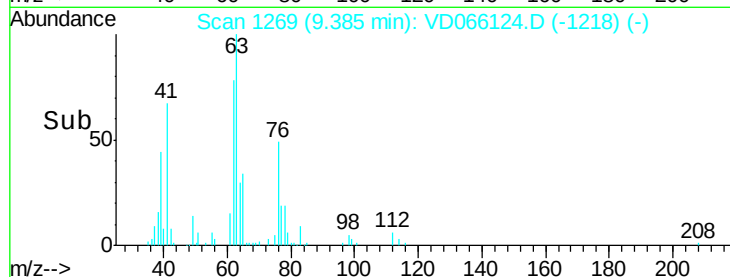
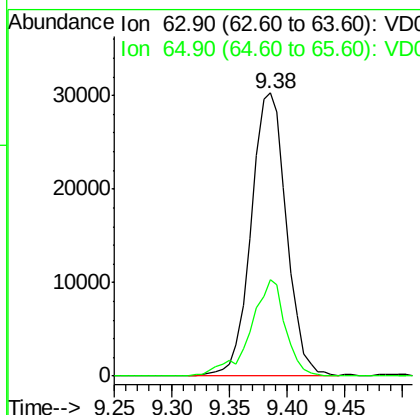
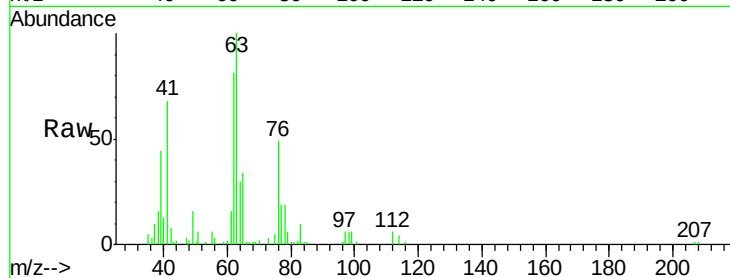




#45
 1,2-Dichloropropane
 Concen: 19.564 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

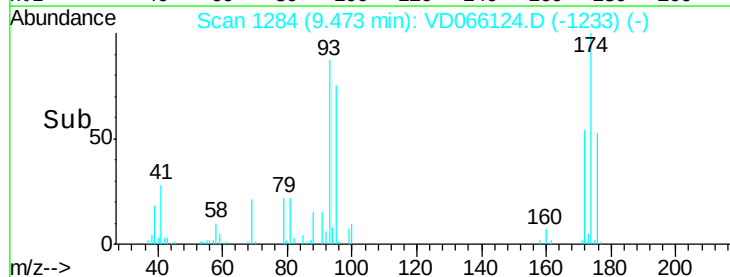
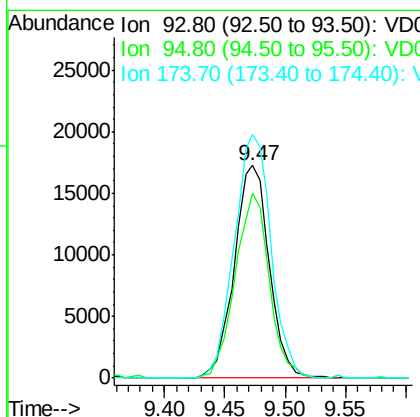
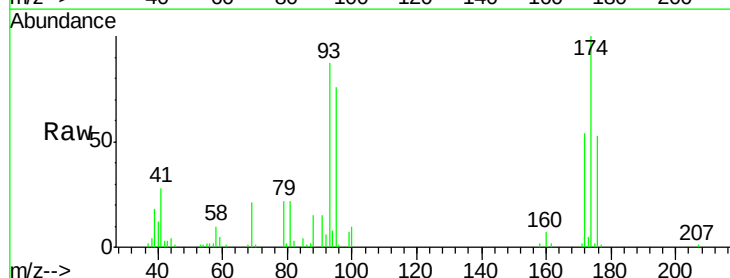
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

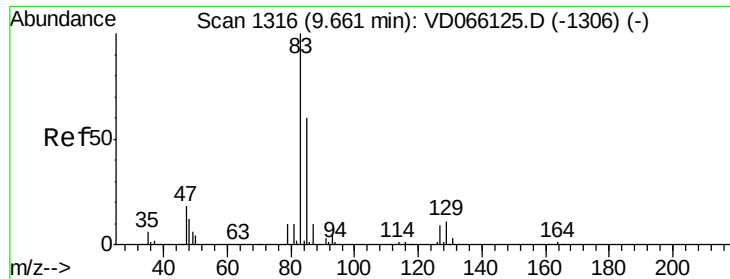
Tgt Ion: 63 Resp: 64551
 Ion Ratio Lower Upper
 63 100
 65 34.3 26.5 39.7



#46
 Dibromomethane
 Concen: 19.210 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Tgt Ion: 93 Resp: 34850
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.8 98.6
 174 120.4 92.8 139.2

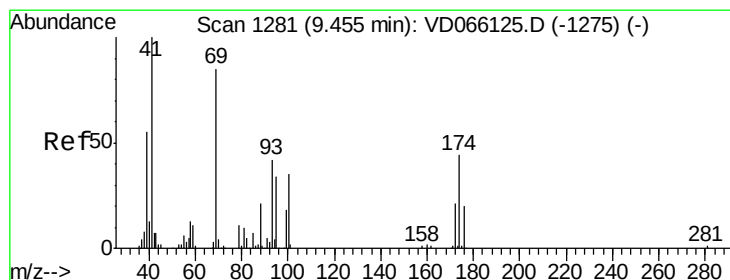
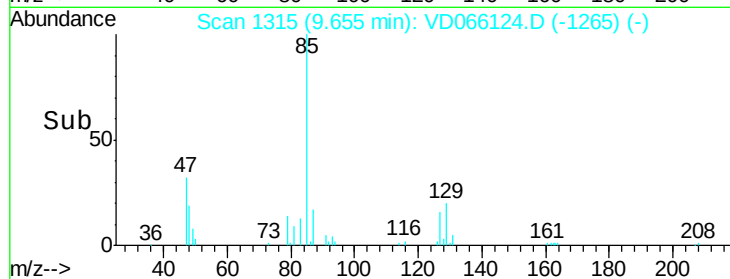
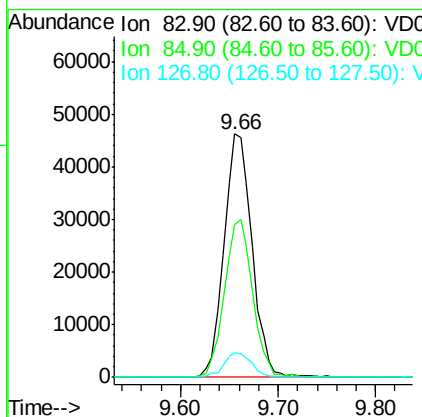
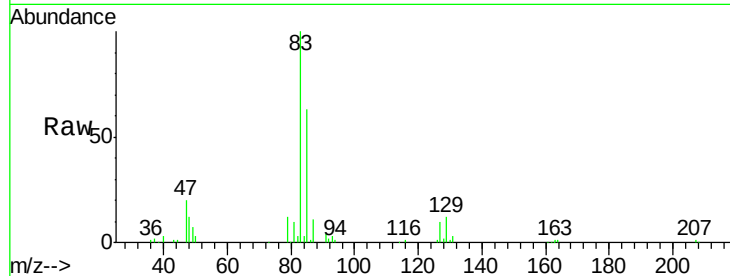




#47
 Bromodichloromethane
 Concen: 19.185 ug/l
 RT: 9.66 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

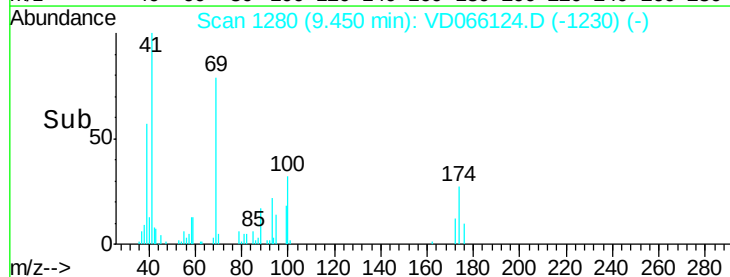
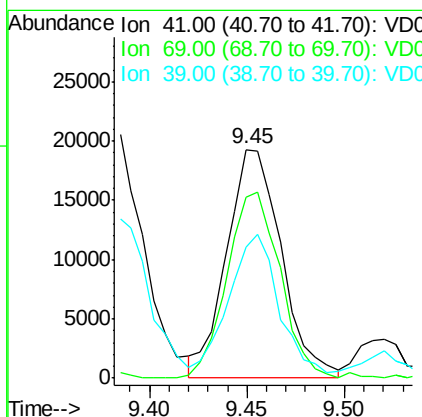
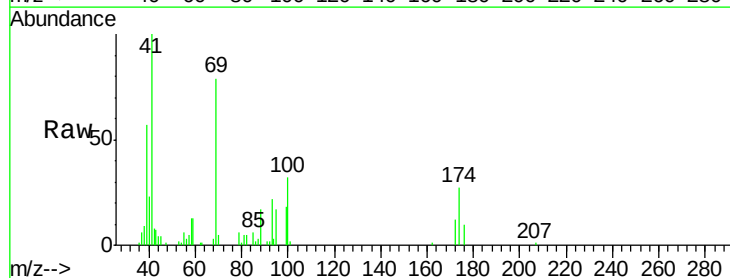
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

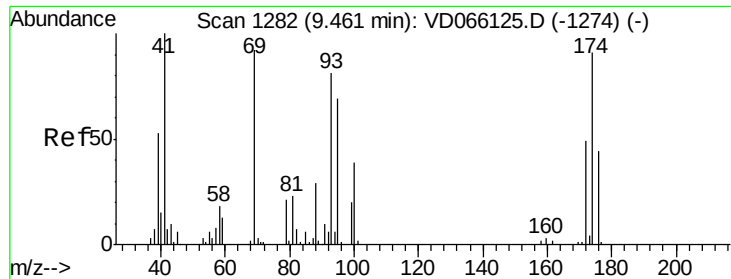
Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	48.2	72.4
127	10.3	7.3	10.9



#48
 Methyl methacrylate
 Concen: 19.213 ug/l
 RT: 9.45 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.4	63.9	95.9
39	53.2	42.6	64.0

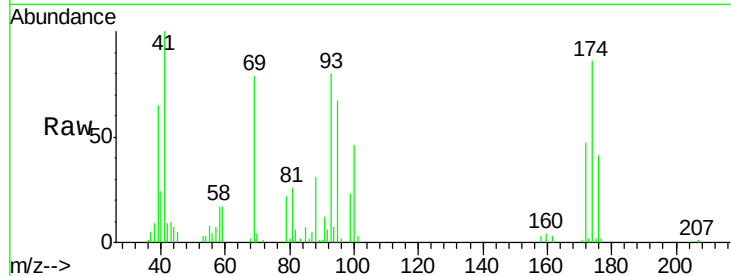




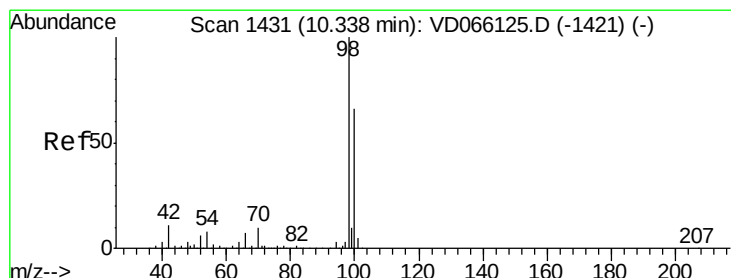
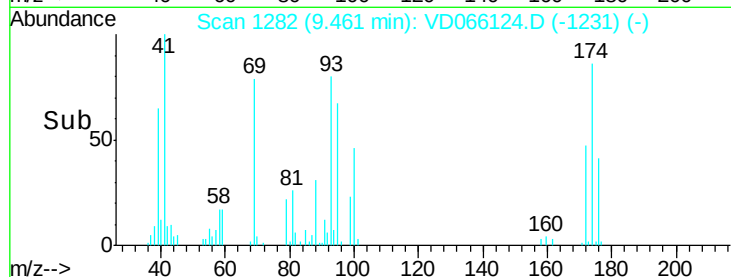
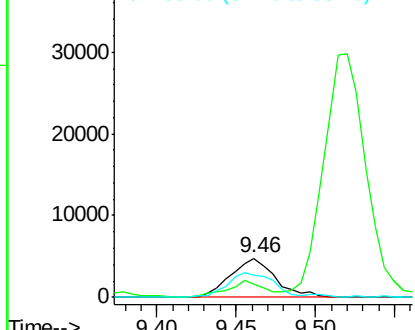
#49
1,4-Dioxane
Concen: 398.763 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 9278
Ion Ratio Lower Upper
88 100
43 37.1 27.5 41.3
58 69.0 50.2 75.4

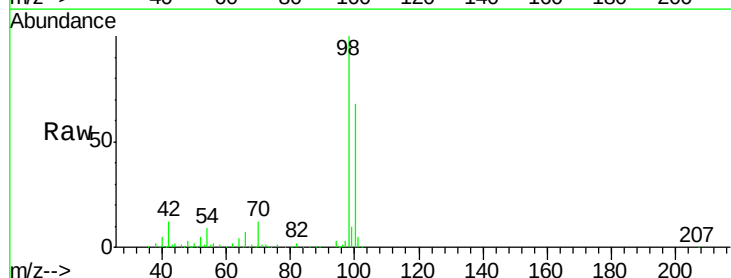


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

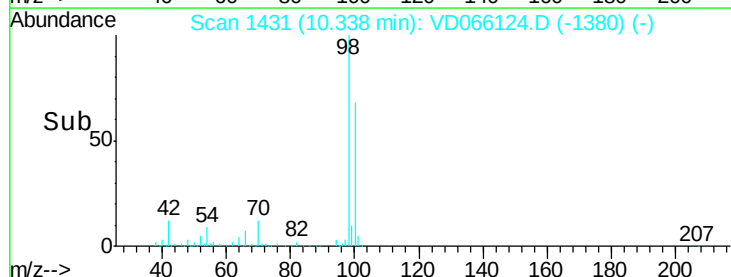
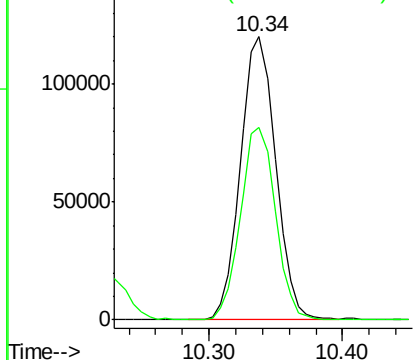


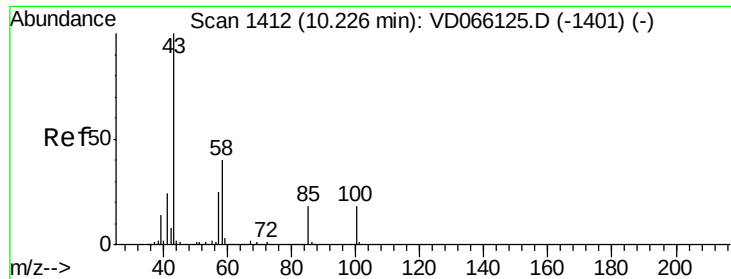
#50
Toluene-d8
Concen: 18.474 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Tgt Ion: 98 Resp: 219454
Ion Ratio Lower Upper
98 100
100 67.9 52.6 78.8



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

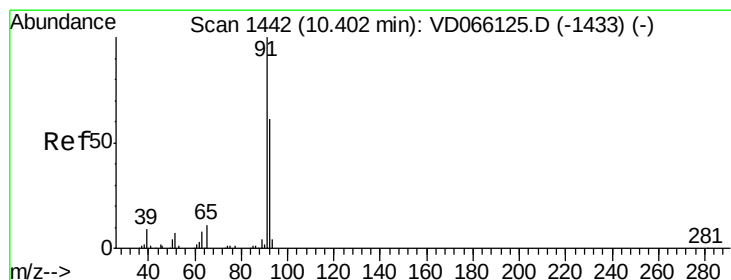
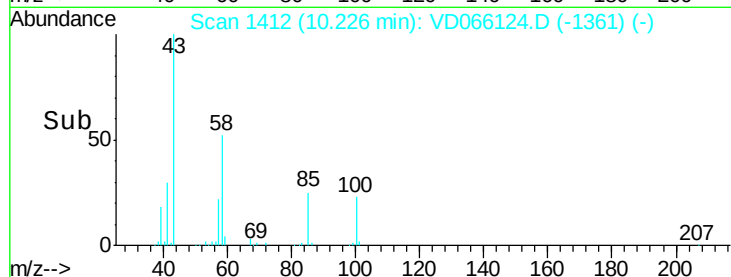
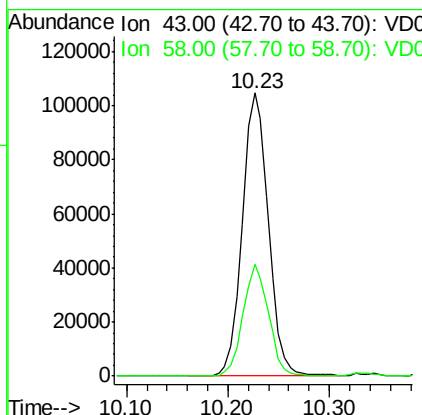
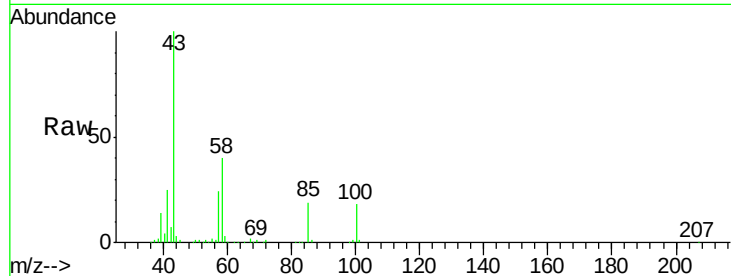




#51
 4-Methyl-2-Pentanone
 Concen: 96.328 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

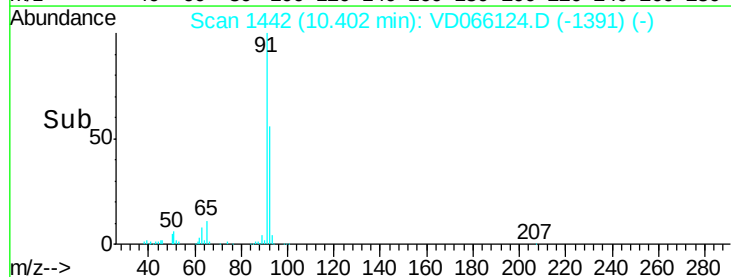
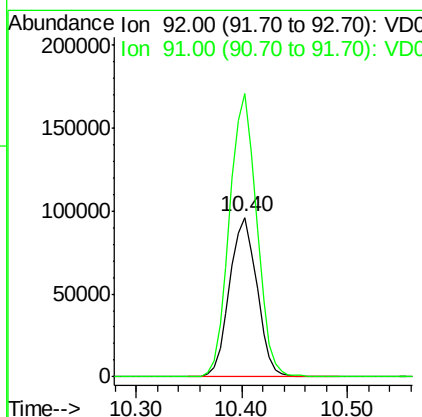
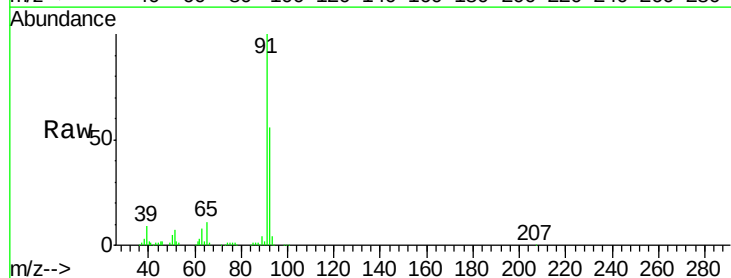
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

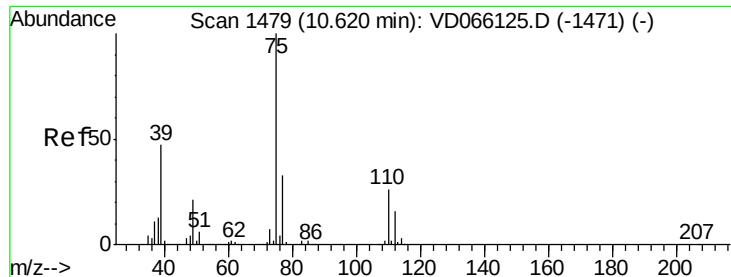
Tgt Ion: 43 Resp: 186961
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.1 46.7



#52
 Toluene
 Concen: 19.393 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Tgt Ion: 92 Resp: 172997
 Ion Ratio Lower Upper
 92 100
 91 176.2 135.2 202.8

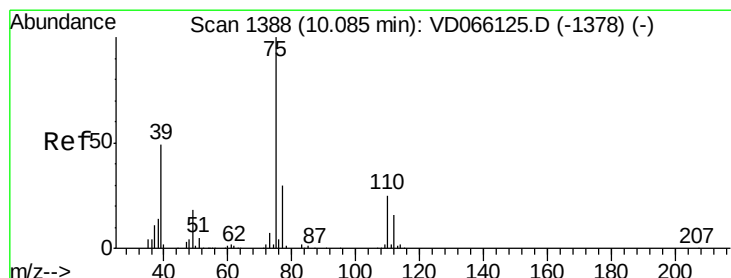
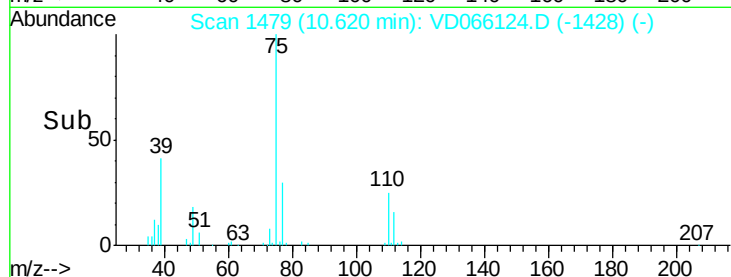
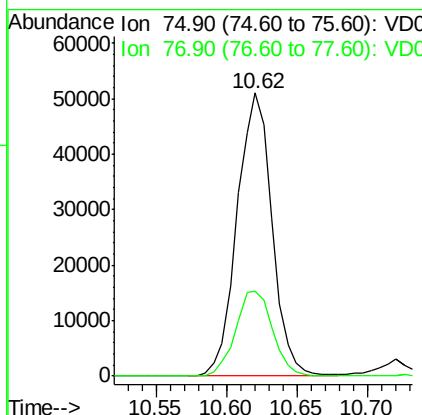
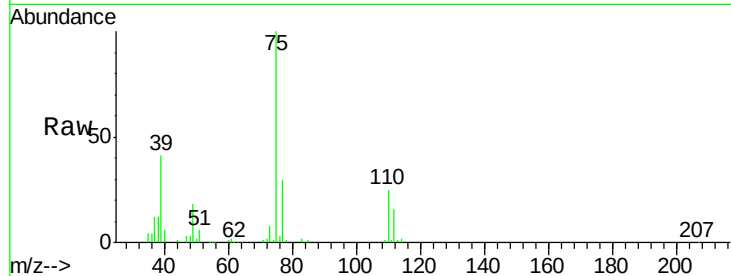




#53
t-1,3-Dichloropropene
Concen: 19.623 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

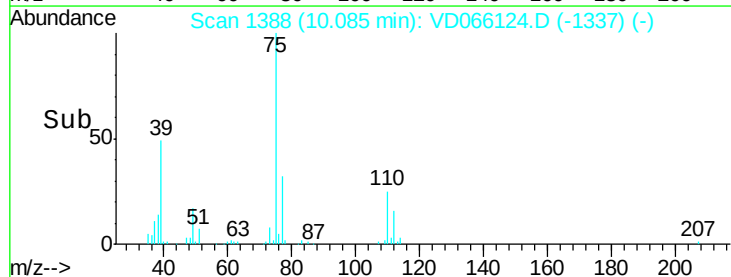
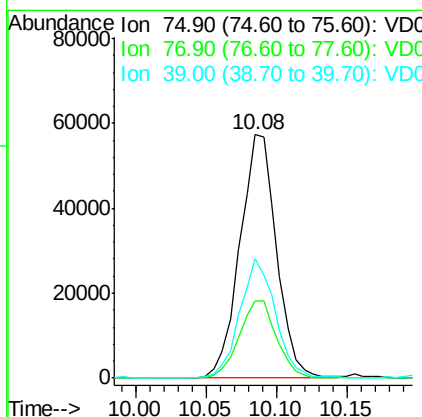
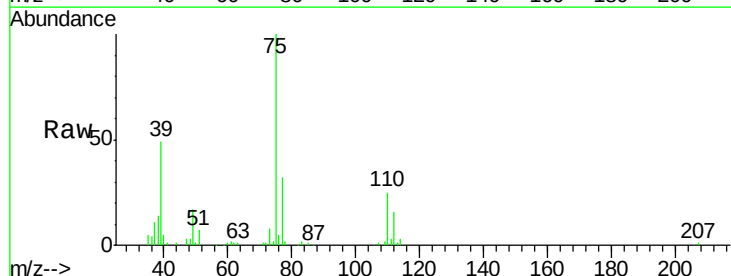
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

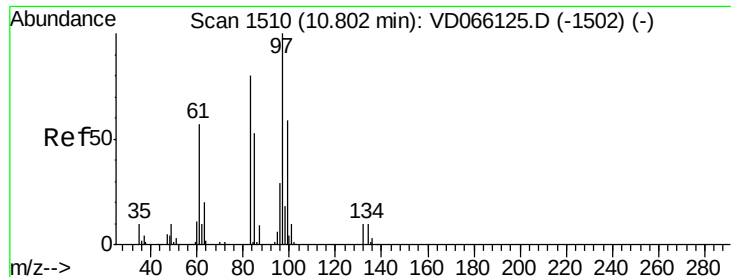
Tgt Ion: 75 Resp: 88194
Ion Ratio Lower Upper
75 100
77 30.0 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 19.865 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Tgt Ion: 75 Resp: 104378
Ion Ratio Lower Upper
75 100
77 31.5 24.3 36.5
39 48.9 39.3 58.9

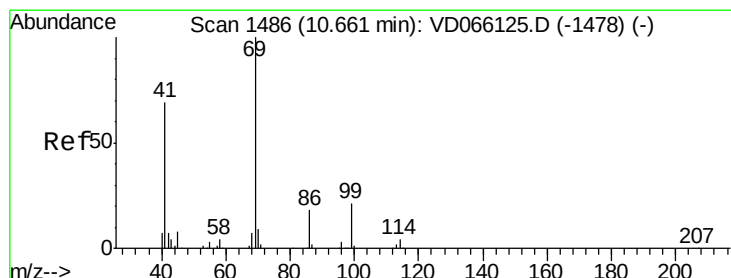
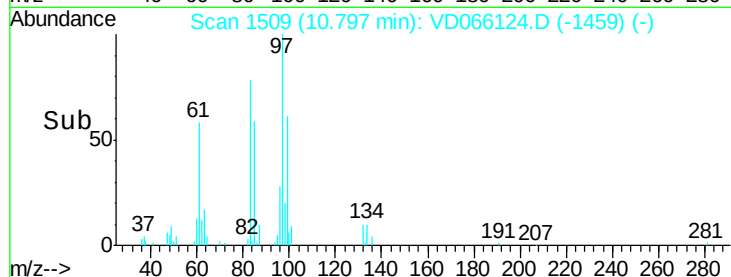
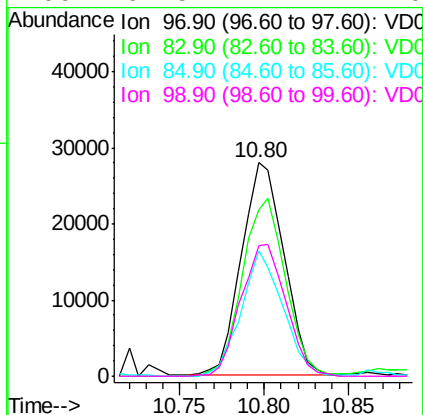
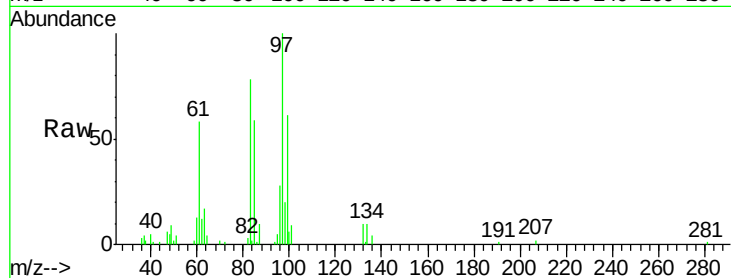




#55
 1,1,2-Trichloroethane
 Concen: 18.580 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

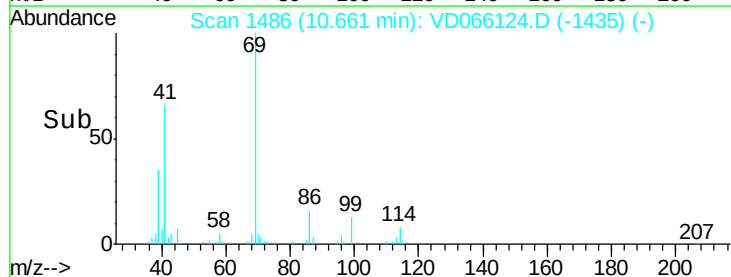
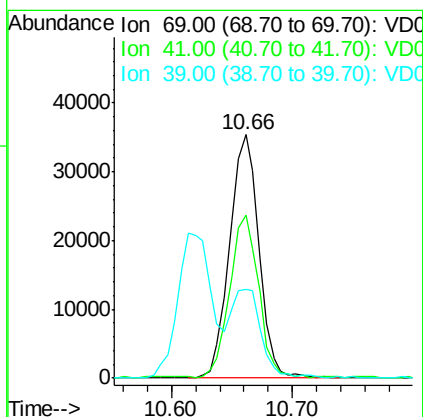
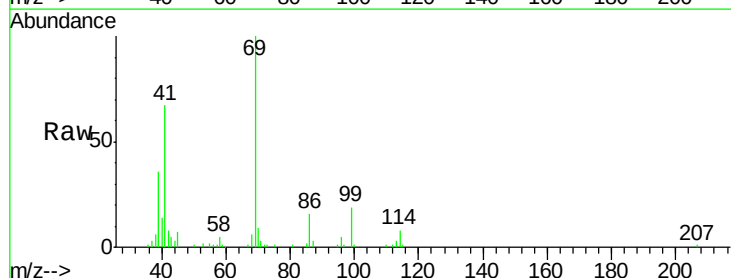
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

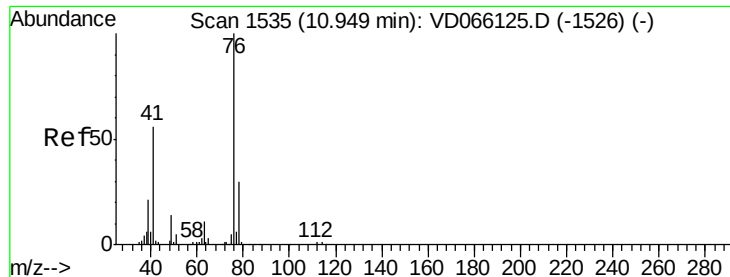
Tgt Ion:	97	Resp:	49122
Ion	Ratio	Lower	Upper
97	100		
83	78.3	63.9	95.9
85	58.9	42.5	63.7
99	61.5	47.4	71.0



#56
 Ethyl methacrylate
 Concen: 19.723 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Tgt Ion:	69	Resp:	59814
Ion	Ratio	Lower	Upper
69	100		
41	66.6	54.1	81.1
39	37.2	28.6	43.0

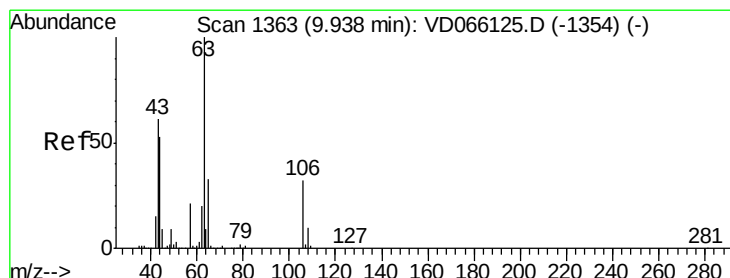
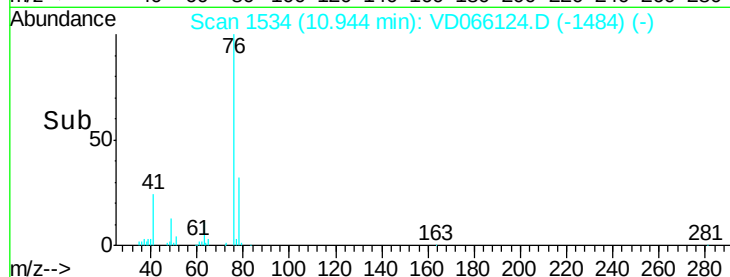
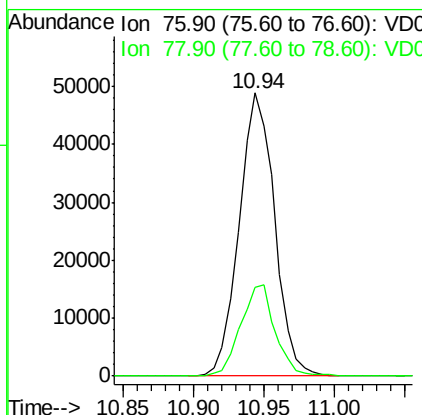
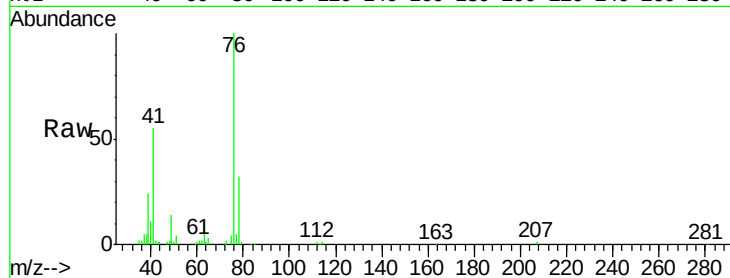




#57
 1,3-Dichloropropane
 Concen: 19.741 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

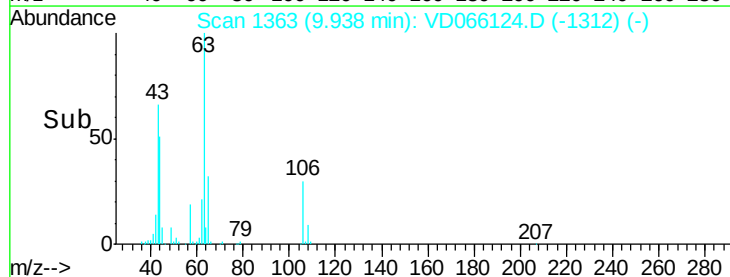
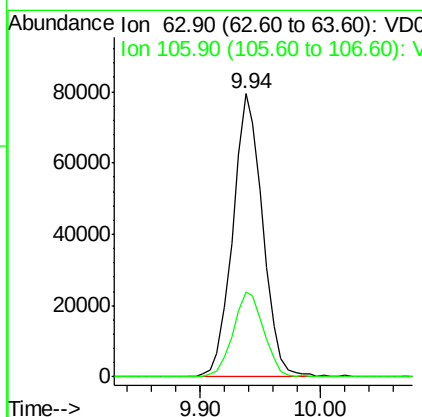
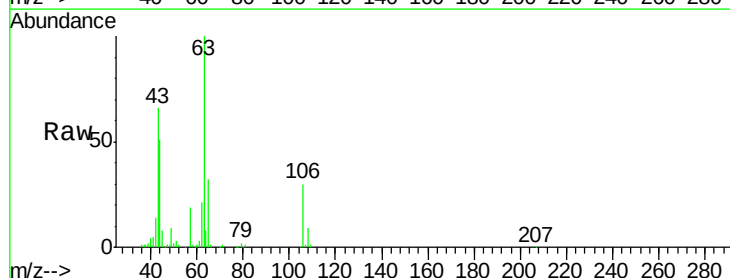
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

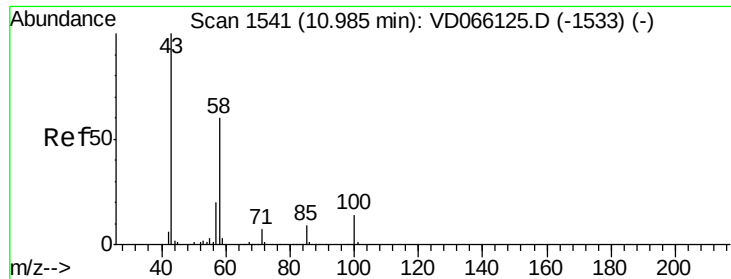
Tgt Ion: 76 Resp: 85828
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.951 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Tgt Ion: 63 Resp: 136532
 Ion Ratio Lower Upper
 63 100
 106 30.8 25.3 37.9

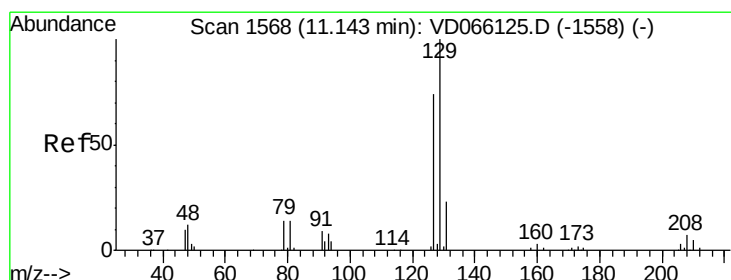
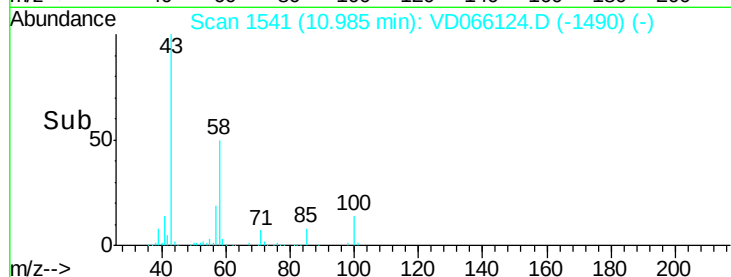
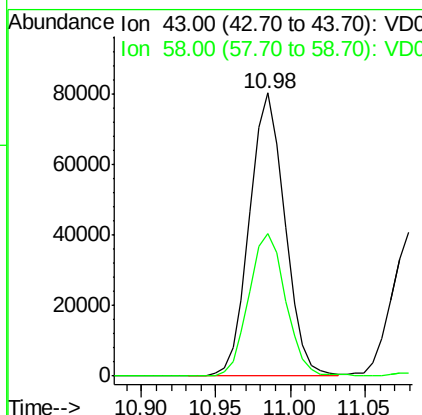
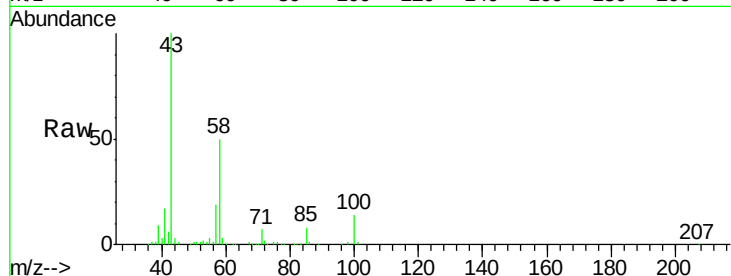




#59
2-Hexanone
Concen: 97.267 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

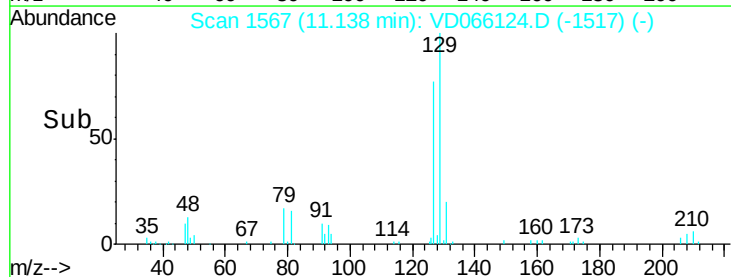
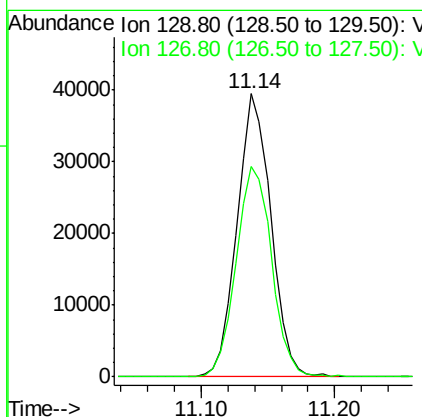
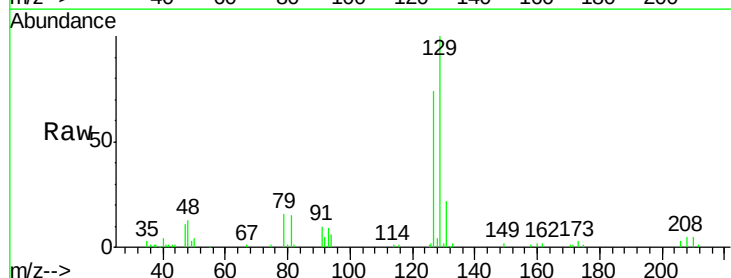
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

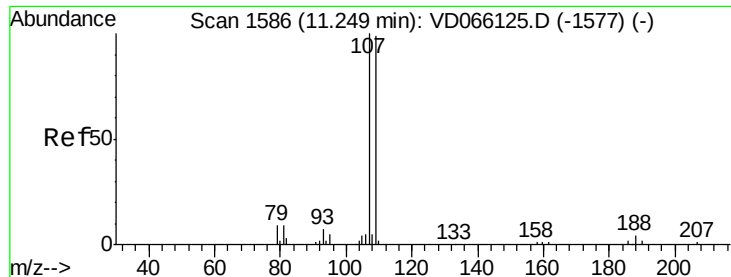
Tgt Ion: 43 Resp: 132014
Ion Ratio Lower Upper
43 100
58 52.4 27.8 83.4



#60
Dibromochloromethane
Concen: 19.124 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Tgt Ion: 129 Resp: 69215
Ion Ratio Lower Upper
129 100
127 78.2 38.0 114.1

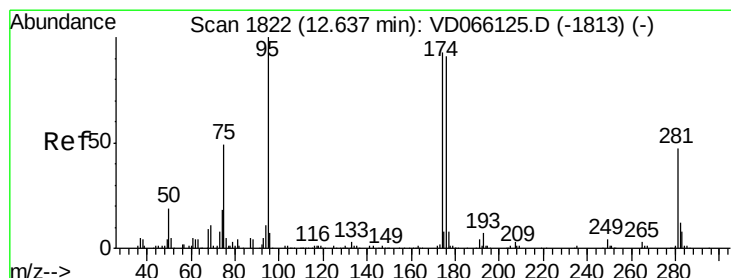
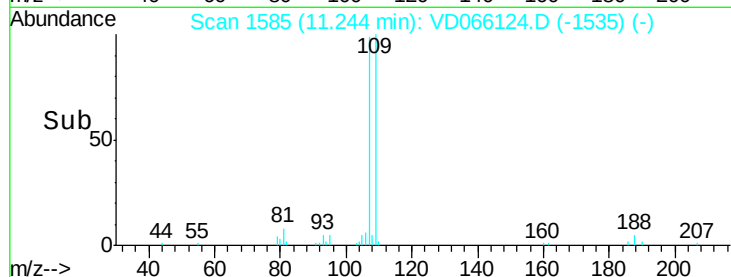
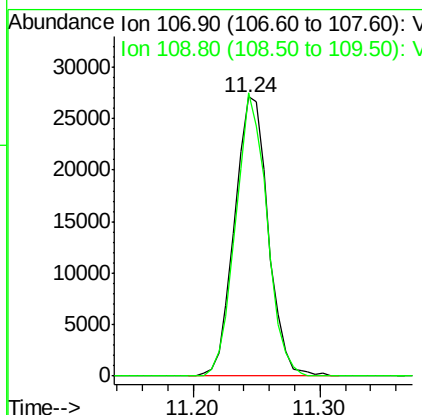
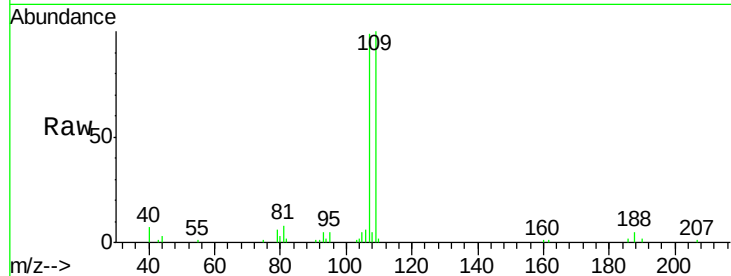




#61
 1,2-Dibromoethane
 Concen: 19.921 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

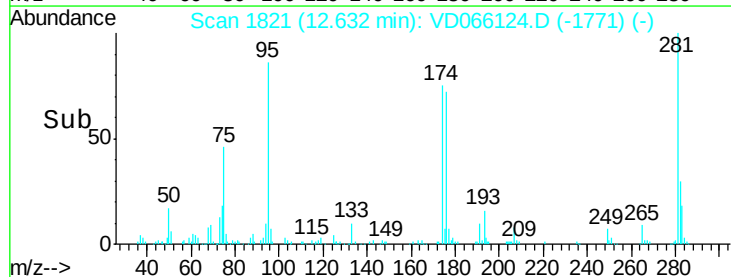
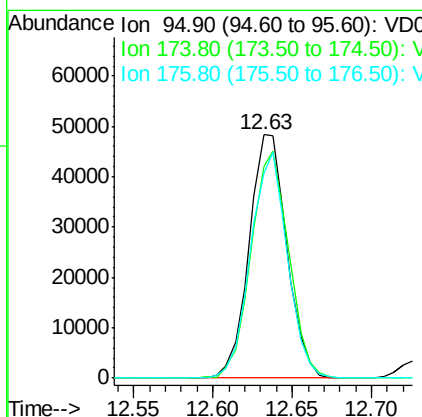
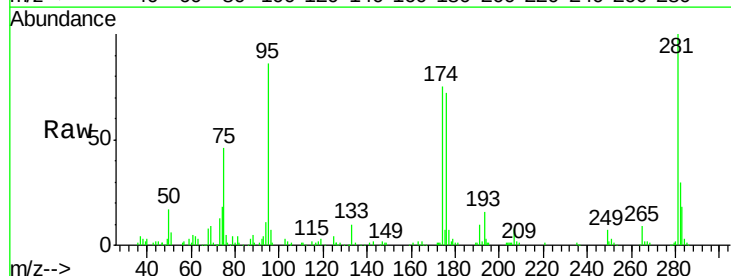
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

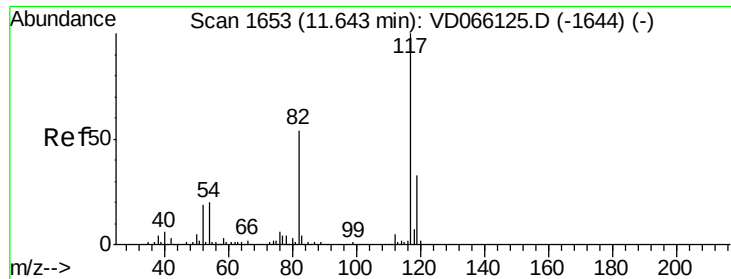
Tgt Ion: 107 Resp: 49941
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 18.485 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Tgt Ion: 95 Resp: 79838
 Ion Ratio Lower Upper
 95 100
 174 93.6 0.0 180.8
 176 90.4 0.0 181.2

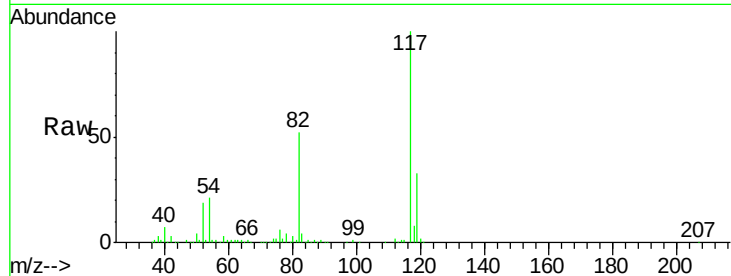




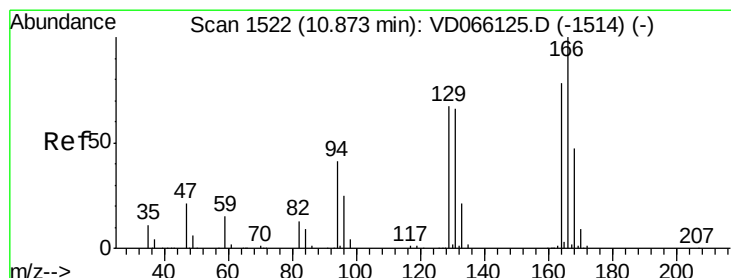
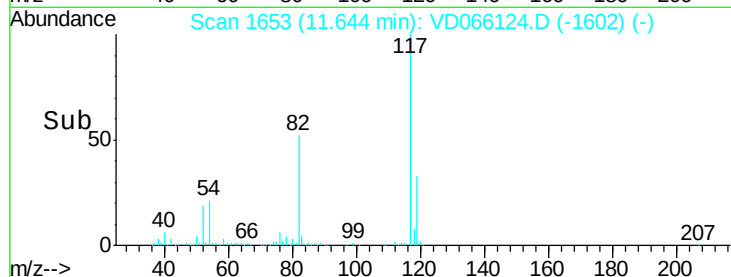
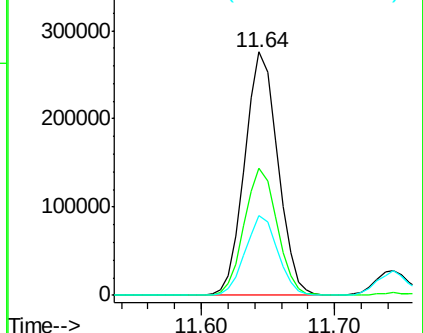
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 473756
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.8 26.1 39.1

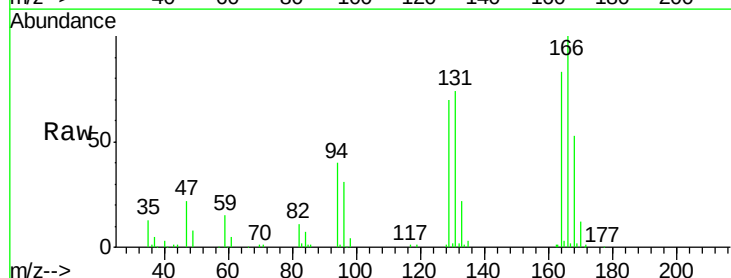


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

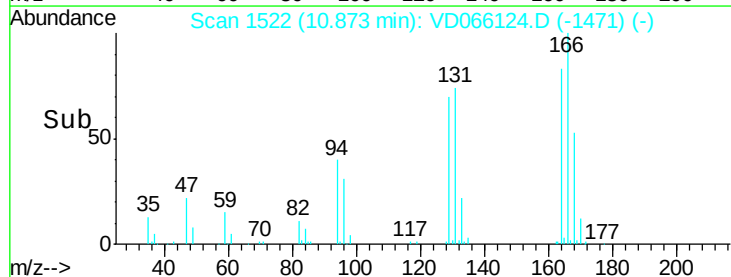
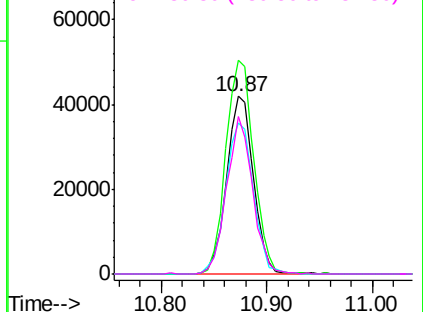


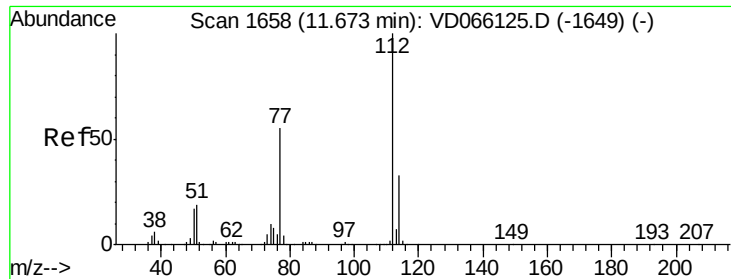
#64
Tetrachloroethene
Concen: 19.707 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Tgt Ion:164 Resp: 73178
Ion Ratio Lower Upper
164 100
166 120.3 101.9 152.9
129 84.7 68.1 102.1
131 89.0 67.6 101.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

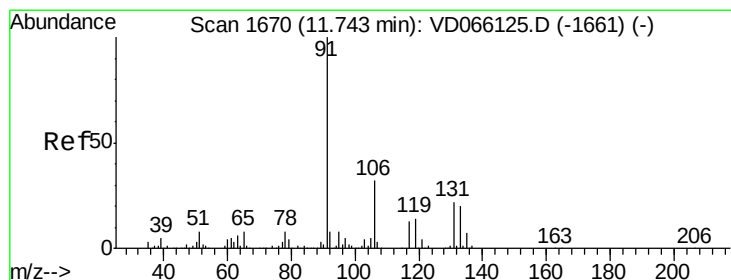
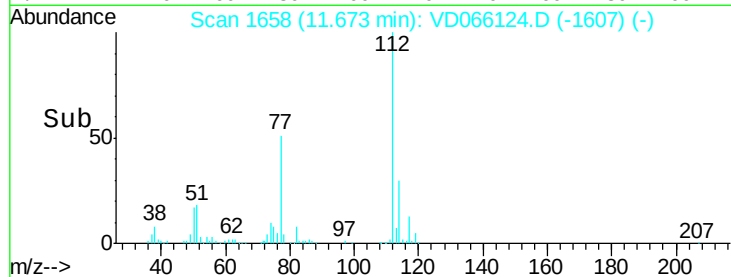
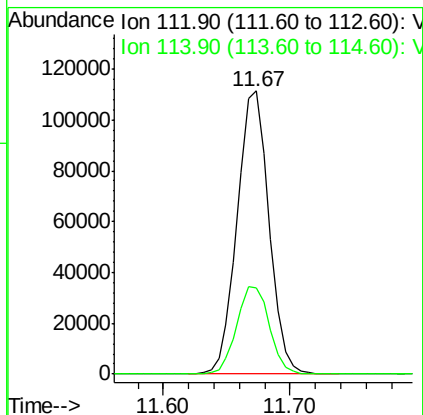
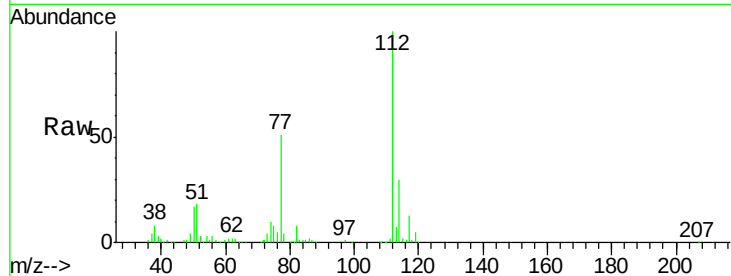




#65
Chlorobenzene
Concen: 19.721 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

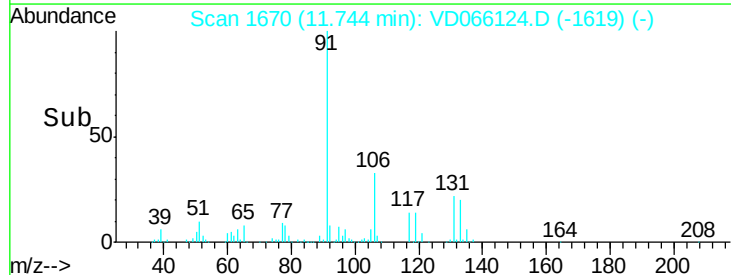
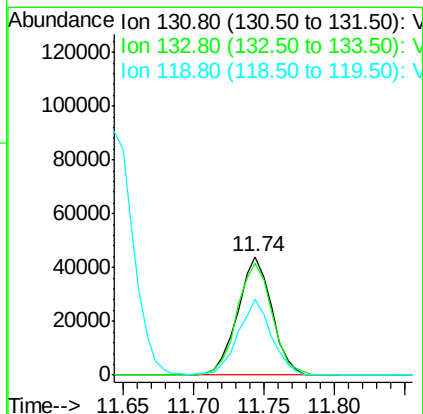
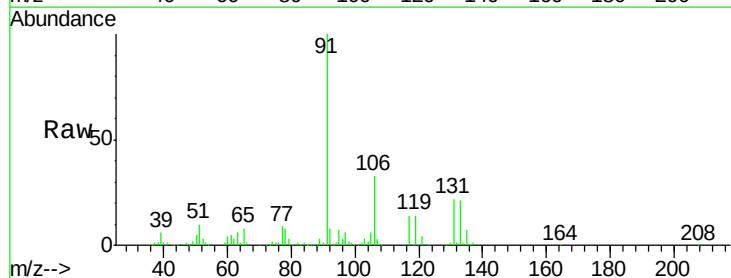
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

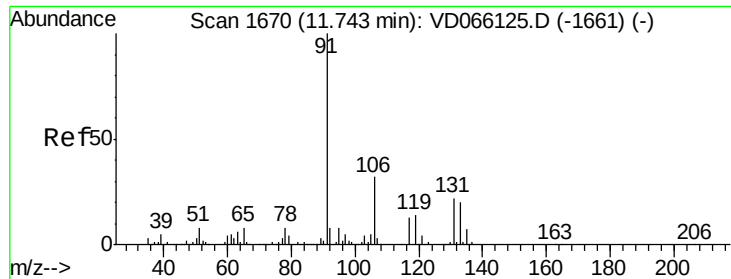
Tgt Ion:112 Resp: 193907
Ion Ratio Lower Upper
112 100
114 30.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.337 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Tgt Ion:131 Resp: 74746
Ion Ratio Lower Upper
131 100
133 96.8 47.1 141.4
119 62.3 31.6 94.7





#67

Ethyl Benzene

Concen: 19.797 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

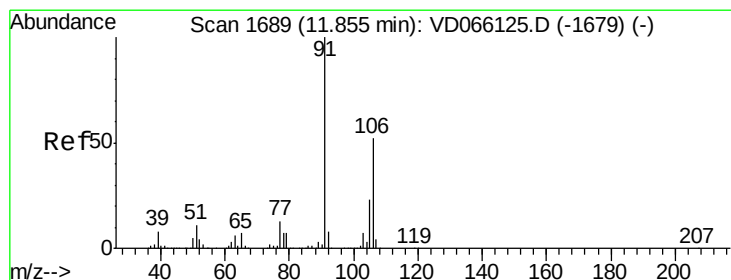
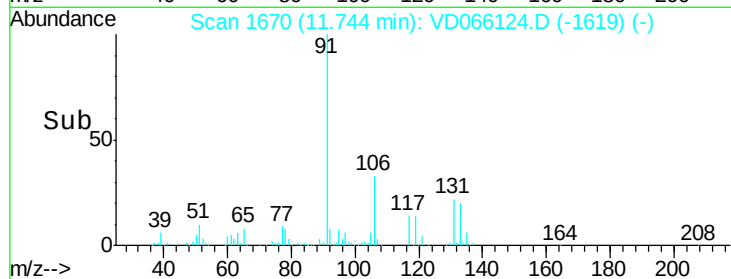
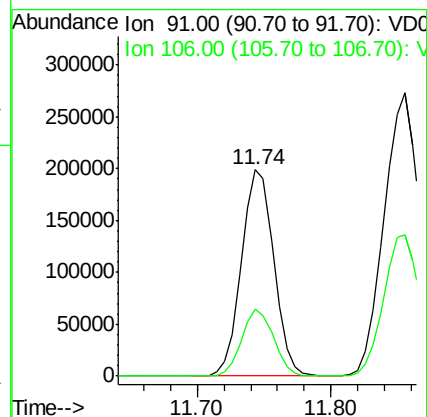
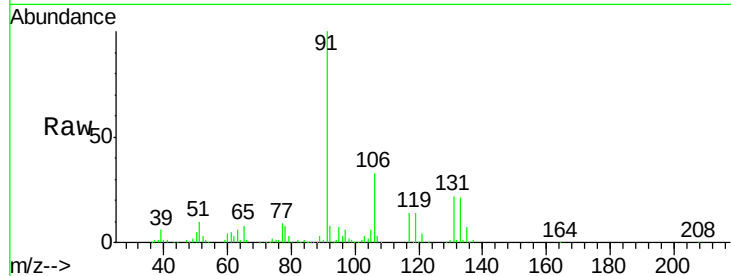
VSTDIC020

Tgt Ion: 91 Resp: 334053

Ion Ratio Lower Upper

91 100

106 32.5 25.7 38.5



#68

m/p-Xylenes

Concen: 39.828 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066124.D

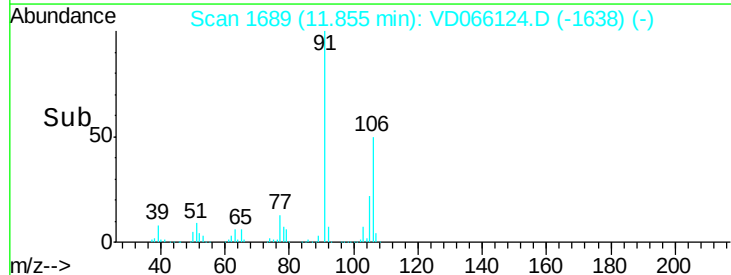
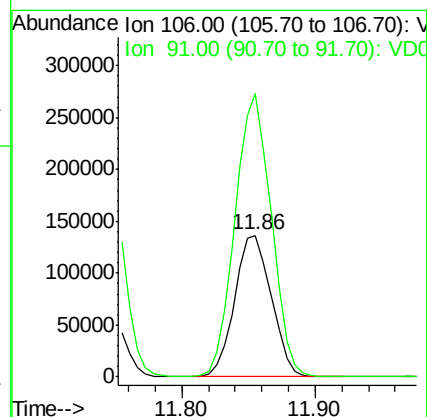
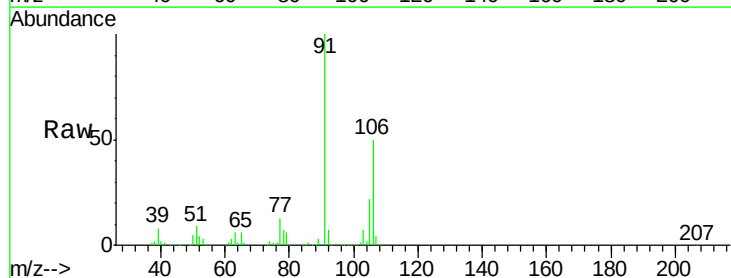
Acq: 05 Aug 2020 11:30

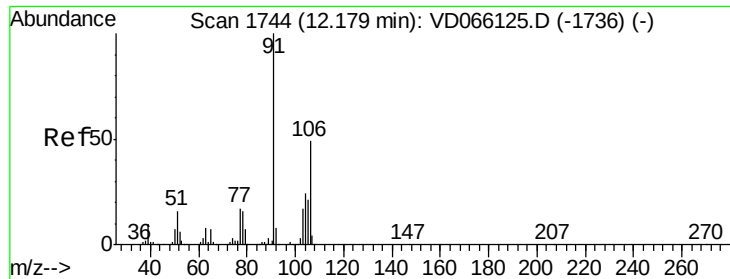
Tgt Ion: 106 Resp: 261368

Ion Ratio Lower Upper

106 100

91 197.3 156.6 235.0

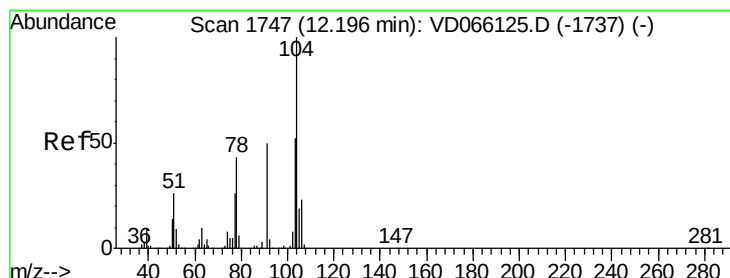
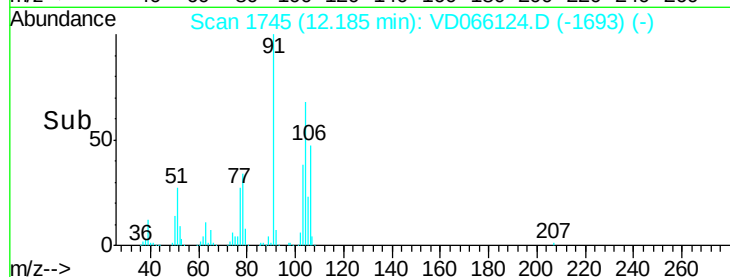
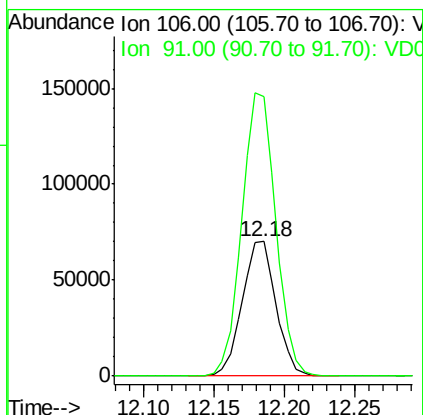
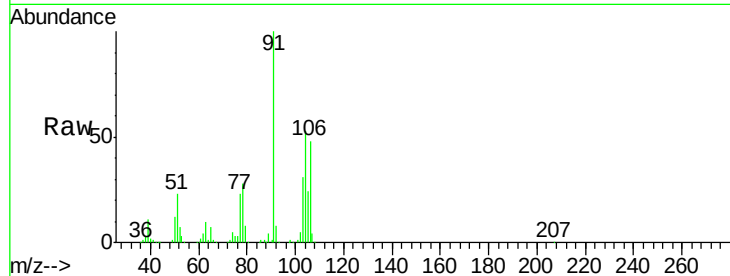




#69
o-Xylene
Concen: 19.917 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

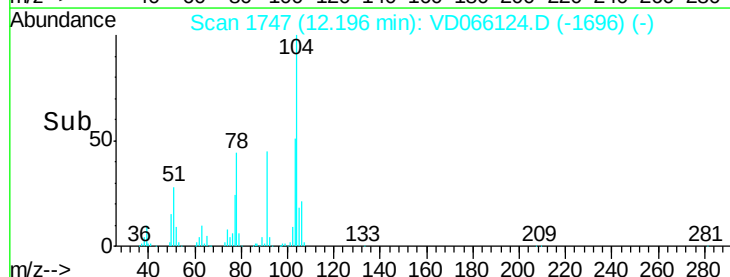
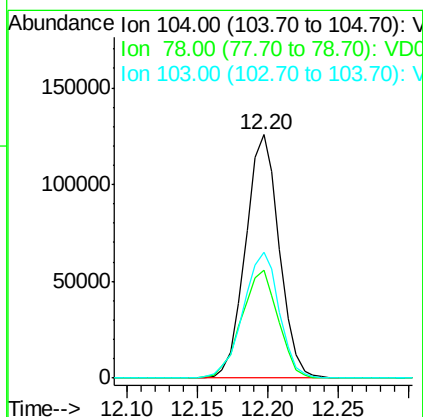
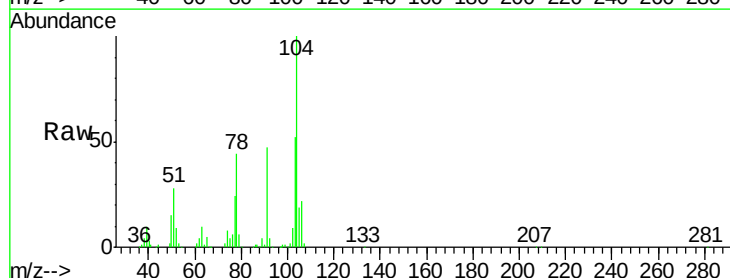
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

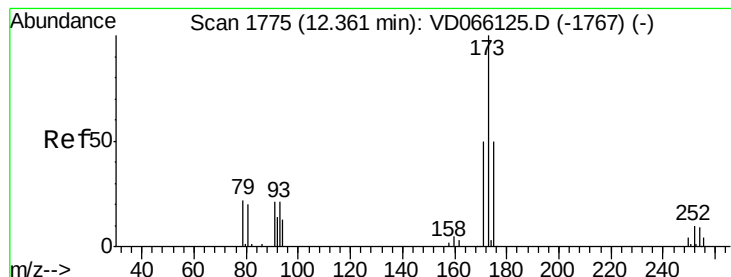
Tgt Ion:106 Resp: 117609
Ion Ratio Lower Upper
106 100
91 211.7 105.7 317.1



#70
Styrene
Concen: 20.196 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Tgt Ion:104 Resp: 210083
Ion Ratio Lower Upper
104 100
78 48.1 38.6 58.0
103 55.4 44.1 66.1





#71

Bromoform

Concen: 19.223 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

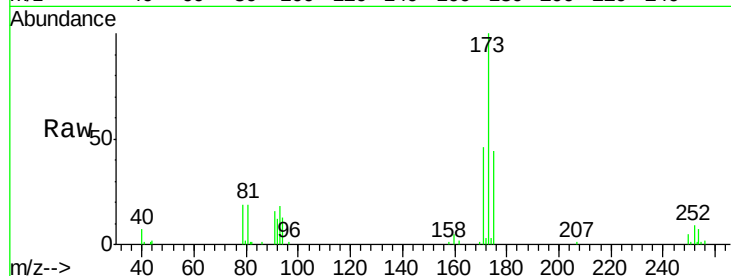
Tgt Ion:173 Resp: 43719

Ion Ratio Lower Upper

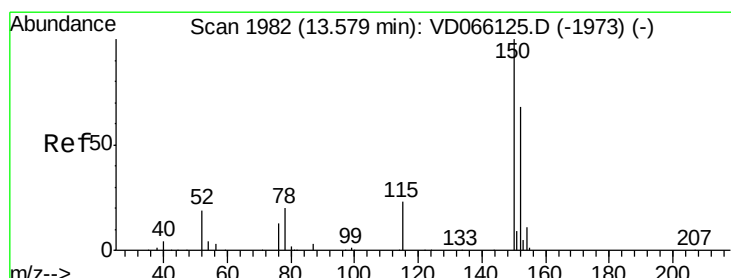
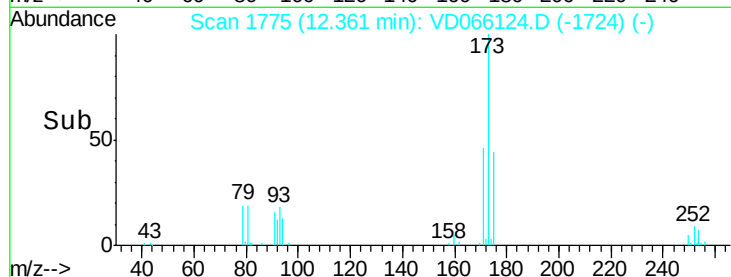
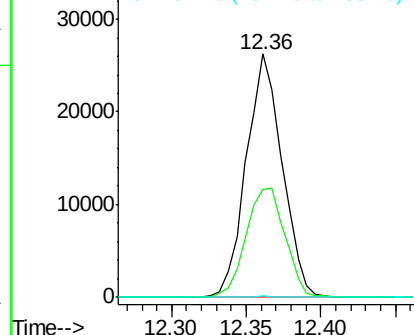
173 100

175 48.7 24.6 73.6

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

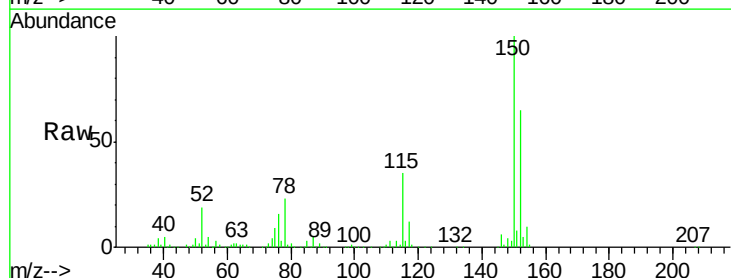
Tgt Ion:152 Resp: 243178

Ion Ratio Lower Upper

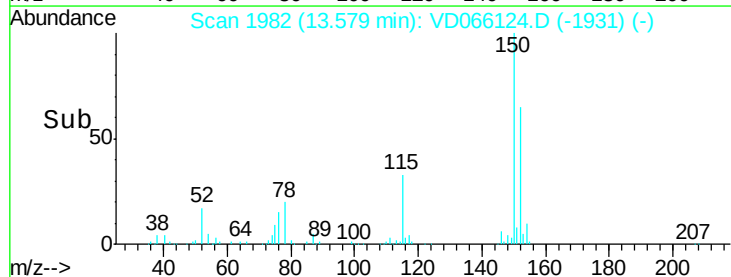
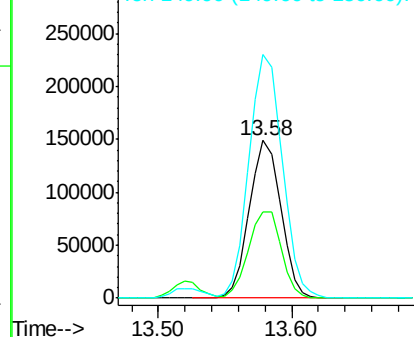
152 100

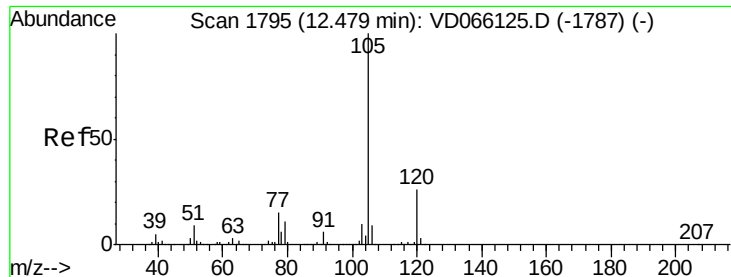
115 57.6 28.0 83.9

150 163.6 0.0 346.4



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





#73

Isopropylbenzene

Concen: 20.246 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

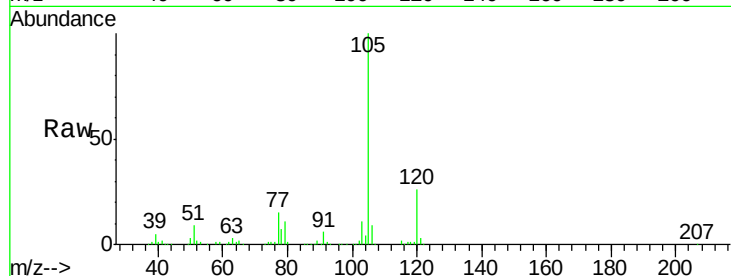
VSTDIC020

Tgt Ion: 105 Resp: 331375

Ion Ratio Lower Upper

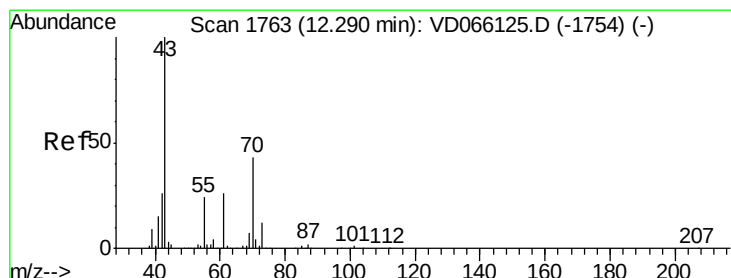
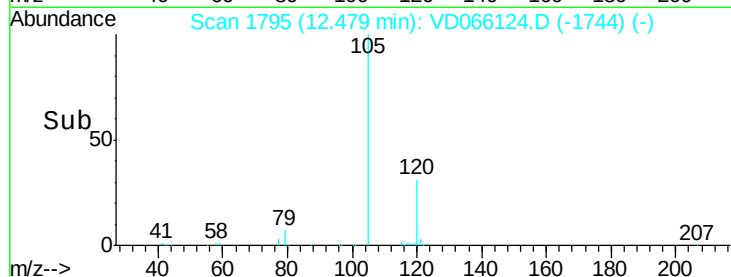
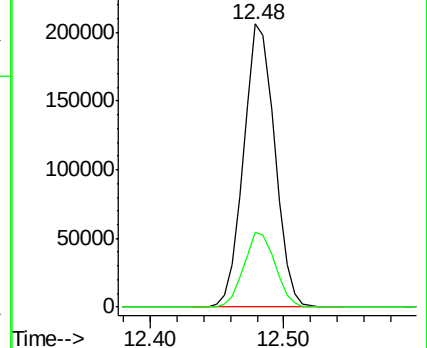
105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.860 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Tgt Ion: 43 Resp: 69931

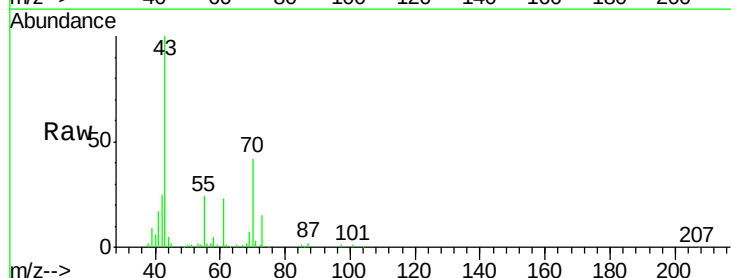
Ion Ratio Lower Upper

43 100

70 45.3 34.9 52.3

55 25.1 19.2 28.8

61 22.8 19.7 29.5

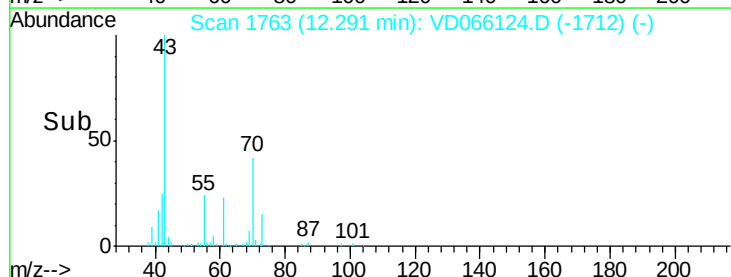
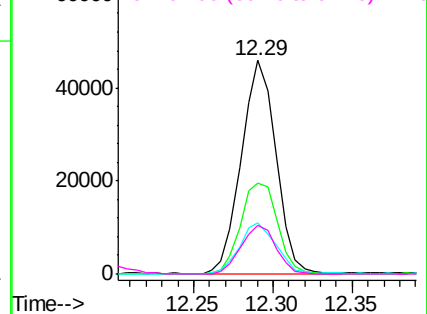


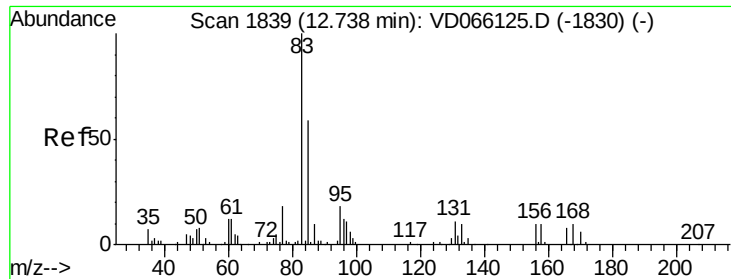
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.198 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

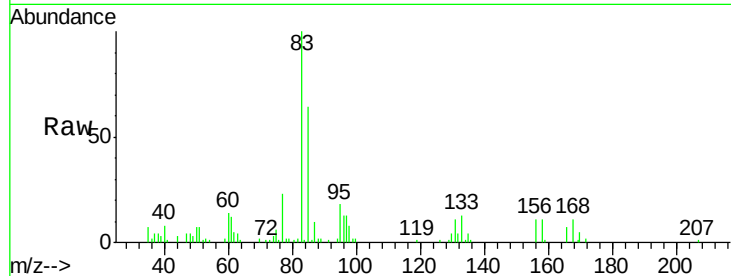
Tgt Ion: 83 Resp: 54493

Ion Ratio Lower Upper

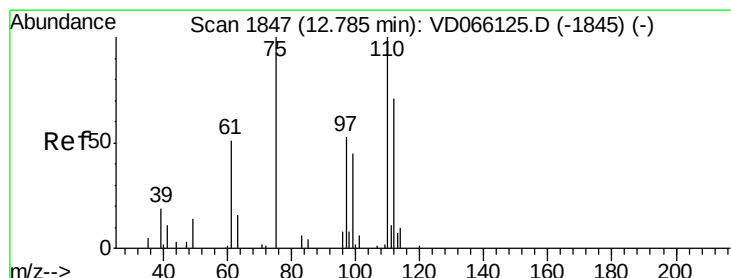
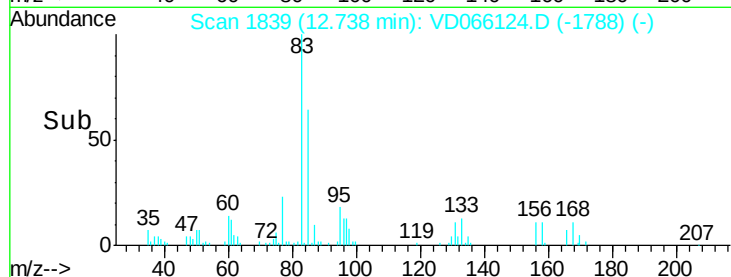
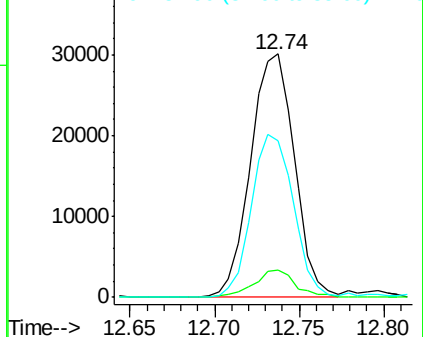
83 100

131 10.5 6.2 18.6

85 64.1 32.4 97.2



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: 34.916 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066124.D

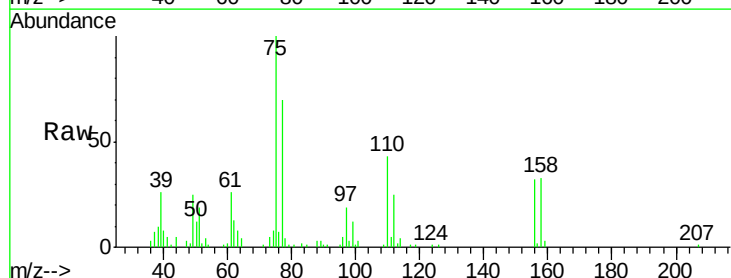
Acq: 05 Aug 2020 11:30

Tgt Ion: 75 Resp: 70299

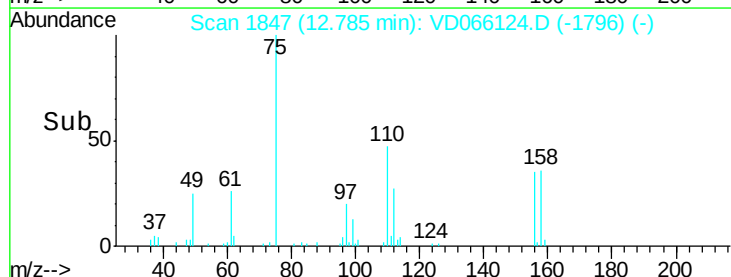
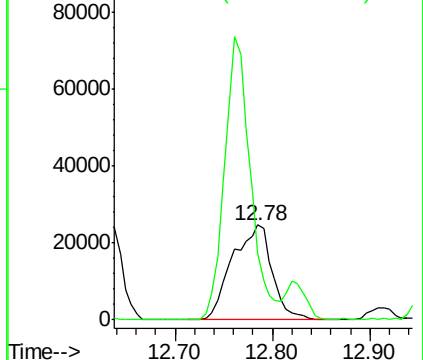
Ion Ratio Lower Upper

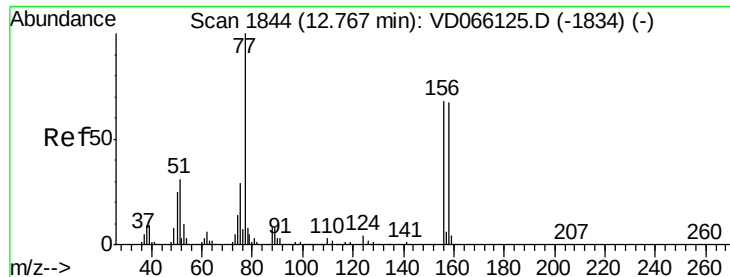
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 19.944 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

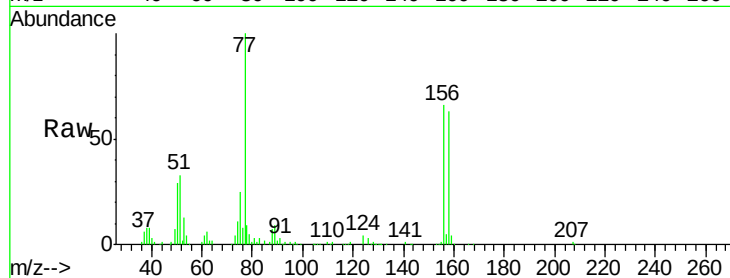
Tgt Ion:156 Resp: 84757

Ion Ratio Lower Upper

156 100

77 161.1 81.0 243.1

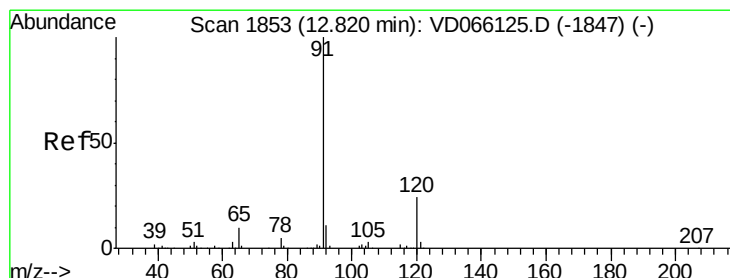
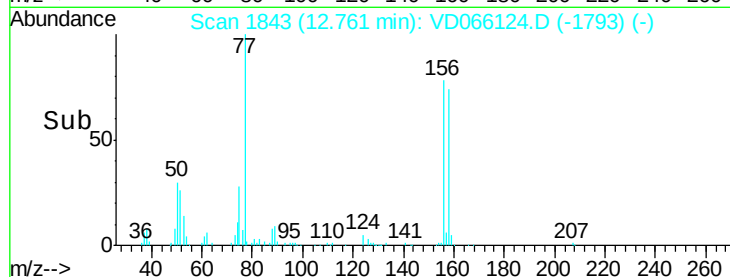
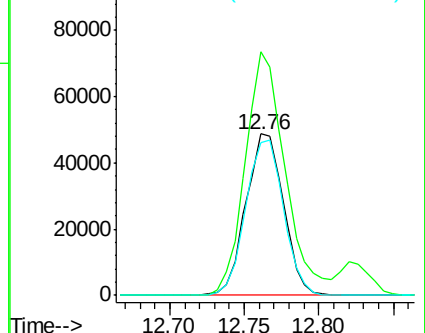
158 97.0 48.8 146.3



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: 20.079 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066124.D

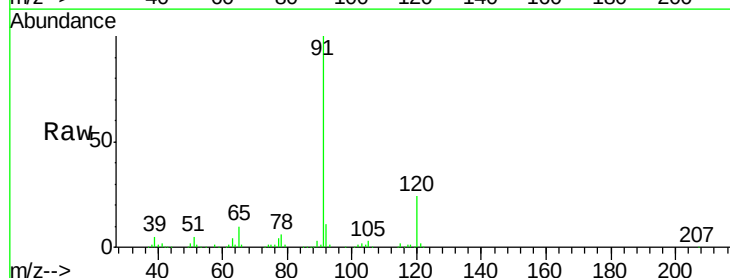
Acq: 05 Aug 2020 11:30

Tgt Ion: 91 Resp: 383892

Ion Ratio Lower Upper

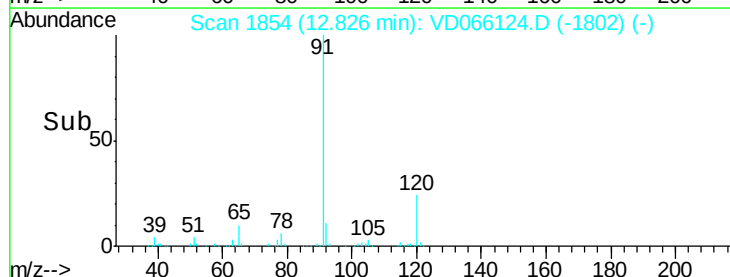
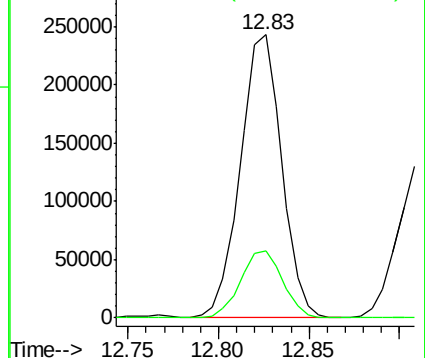
91 100

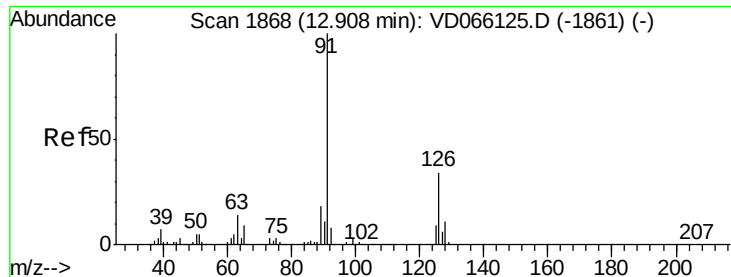
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.862 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

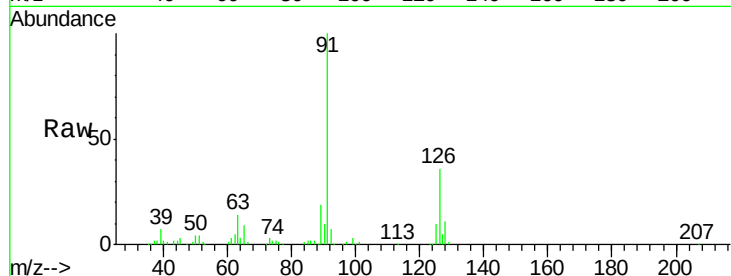
VSTDIC020

Tgt Ion: 91 Resp: 217762

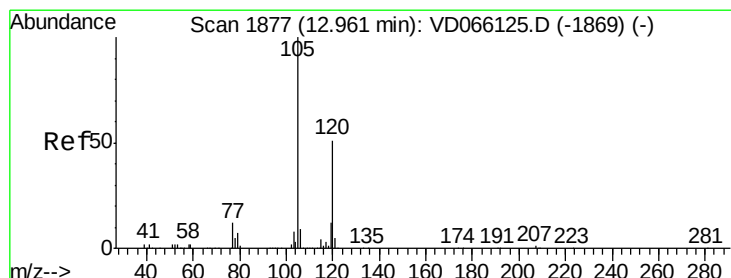
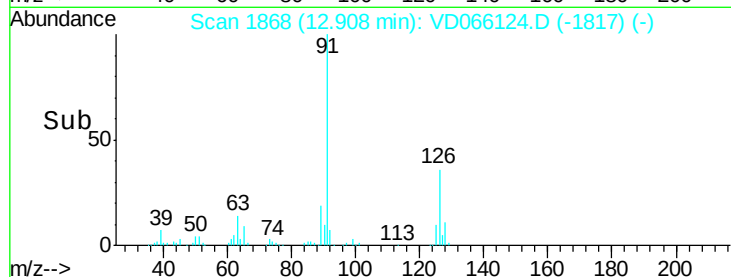
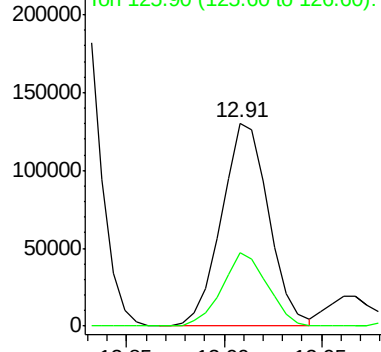
Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 20.149 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066124.D

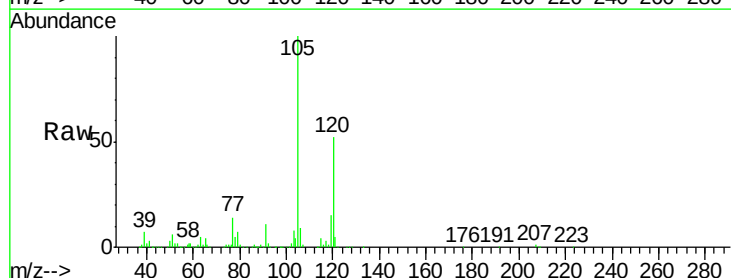
Acq: 05 Aug 2020 11:30

Tgt Ion: 105 Resp: 276258

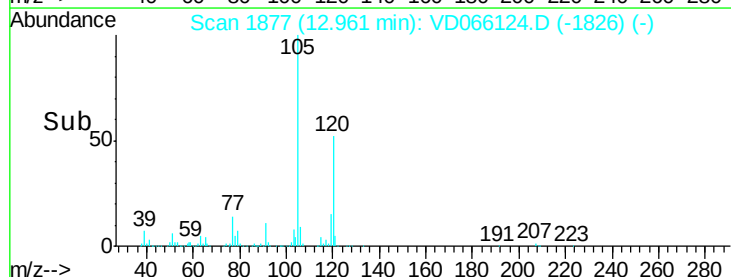
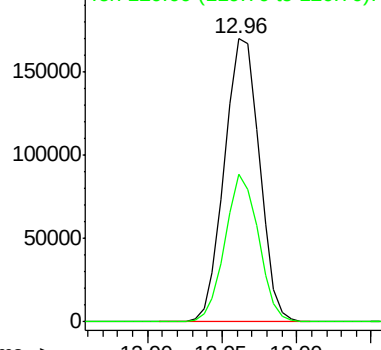
Ion Ratio Lower Upper

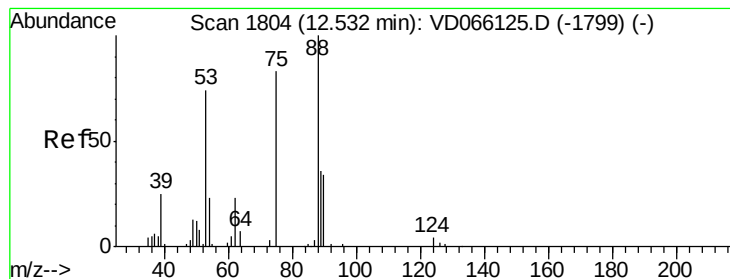
105 100

120 49.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.896 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

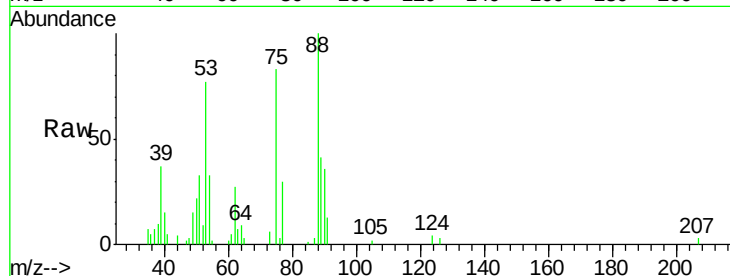
Tgt Ion: 75 Resp: 17376

Ion Ratio Lower Upper

75 100

53 94.2 73.4 110.2

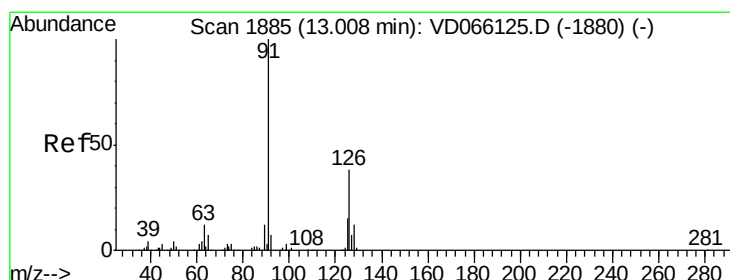
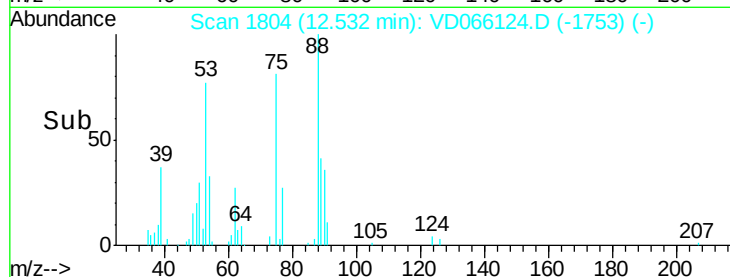
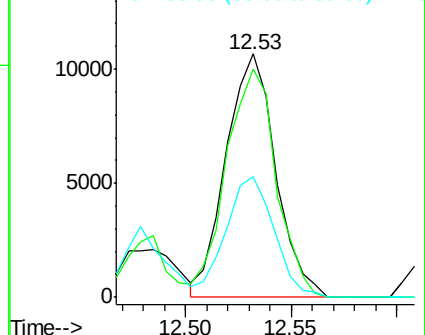
89 48.1 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 19.650 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066124.D

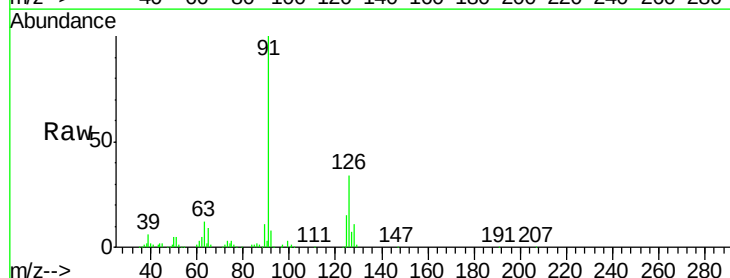
Acq: 05 Aug 2020 11:30

Tgt Ion: 91 Resp: 228208

Ion Ratio Lower Upper

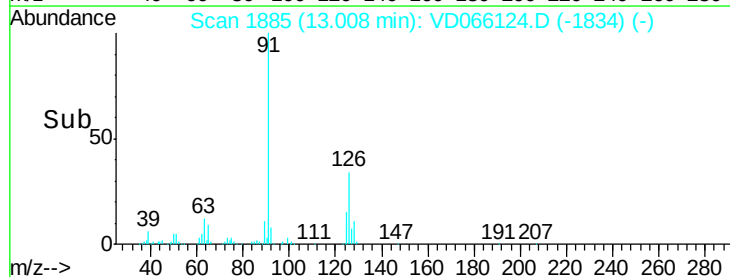
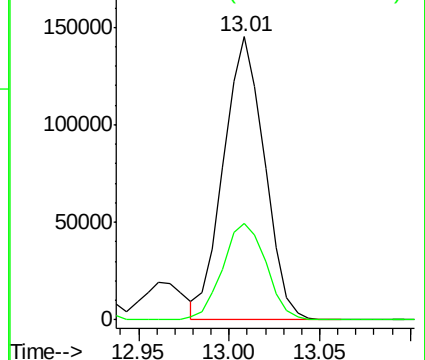
91 100

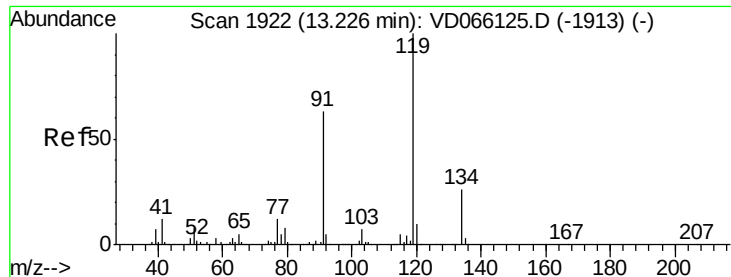
126 36.0 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

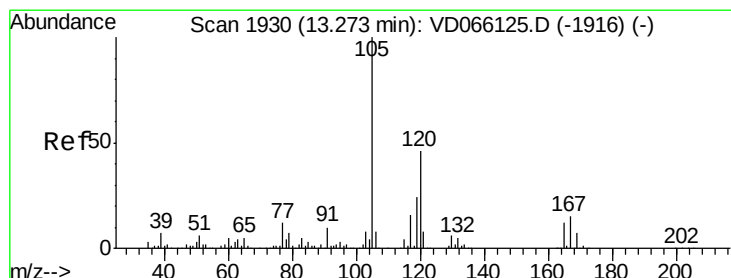
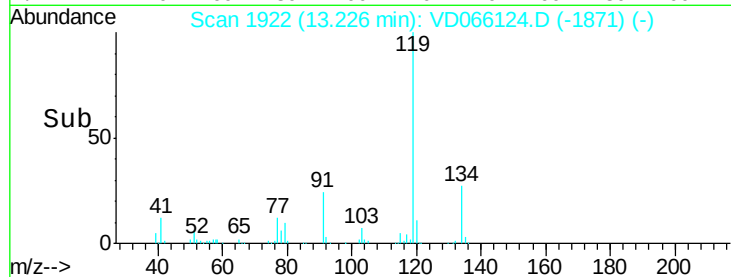
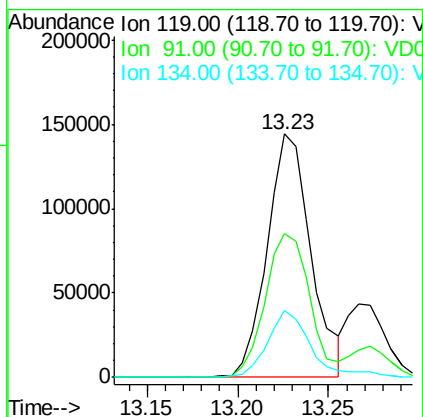
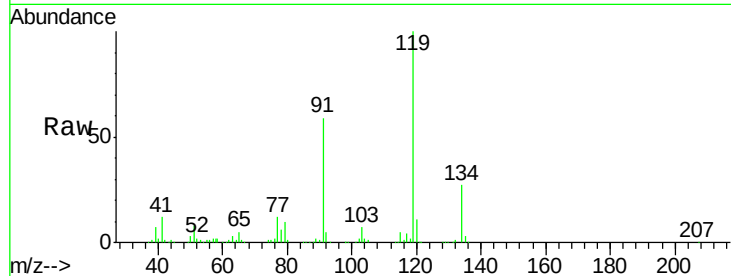




#83
 tert-Butylbenzene
 Concen: 20.251 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

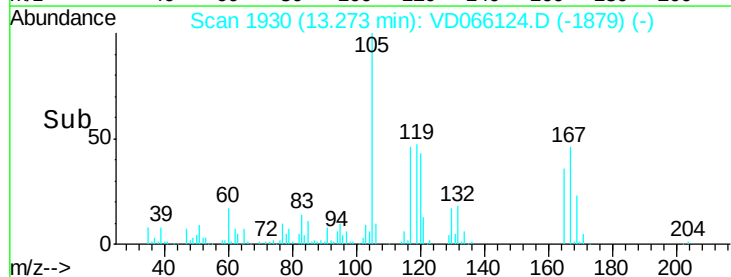
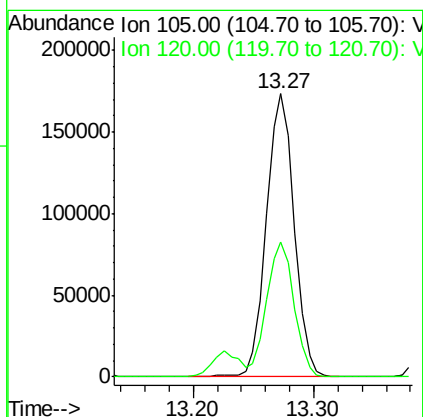
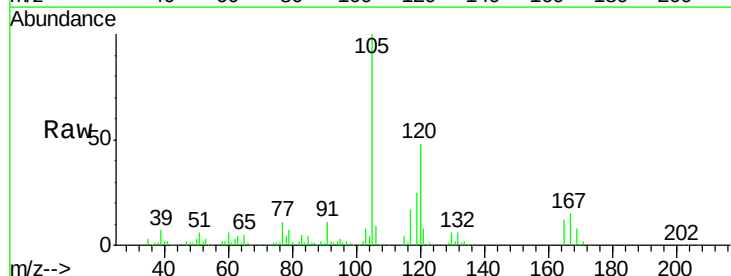
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

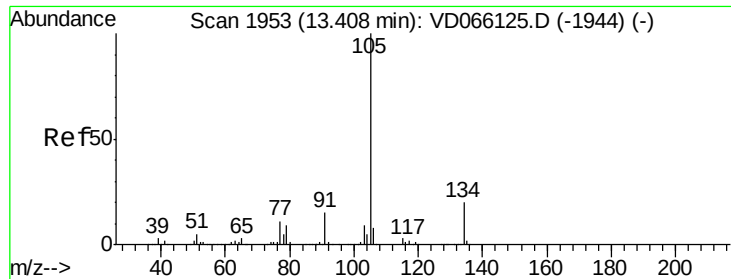
Tgt Ion:119 Resp: 243042
 Ion Ratio Lower Upper
 119 100
 91 60.3 30.8 92.4
 134 27.7 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.246 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Tgt Ion:105 Resp: 279155
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.865 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

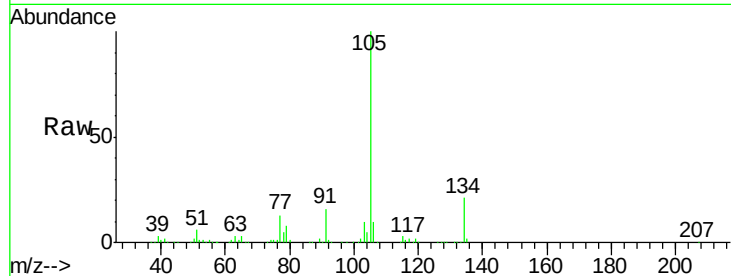
VSTDIC020

Tgt Ion:105 Resp: 323288

Ion Ratio Lower Upper

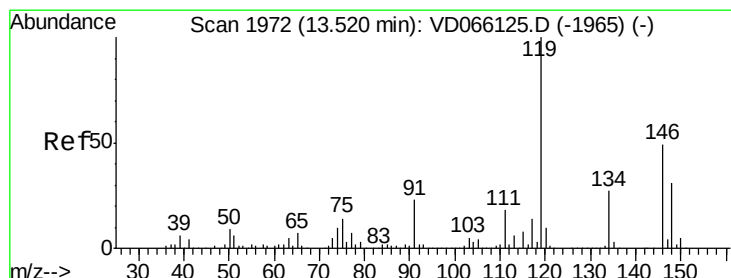
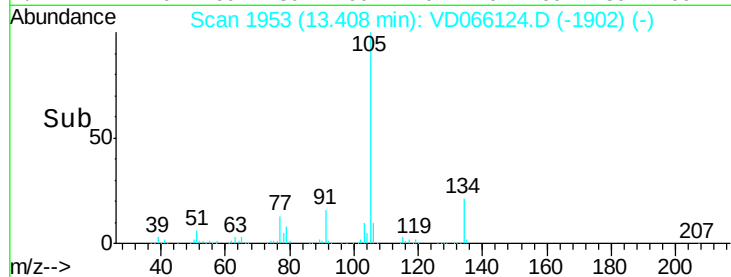
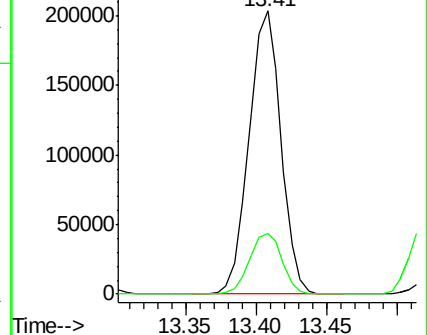
105 100

134 21.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.297 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

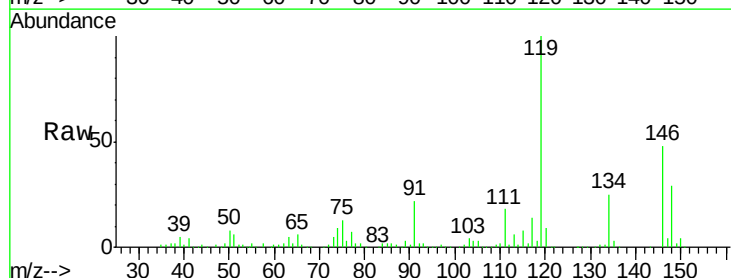
Tgt Ion:119 Resp: 310673

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

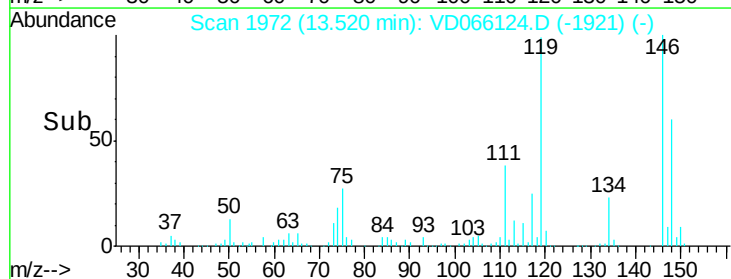
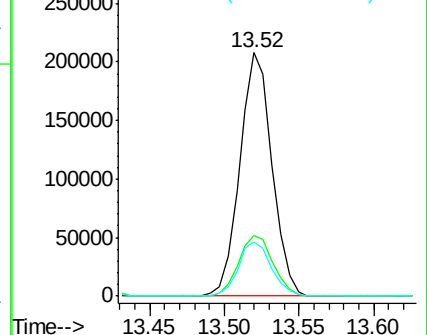
91 22.8 11.2 33.5

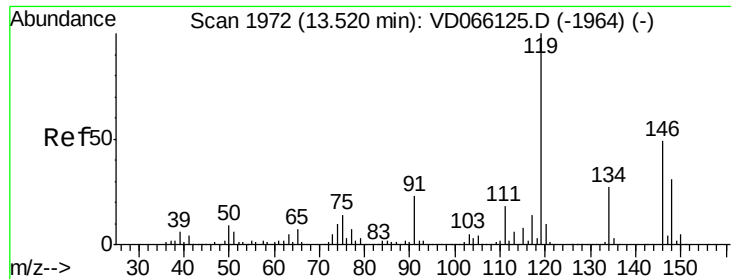


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

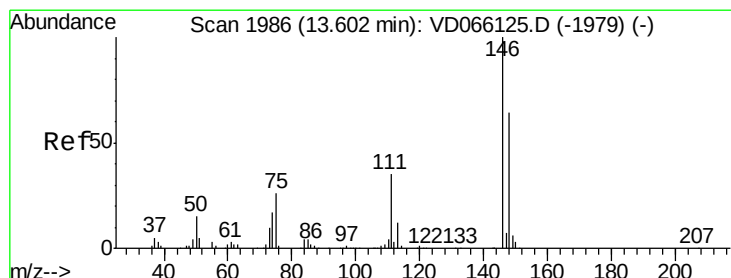
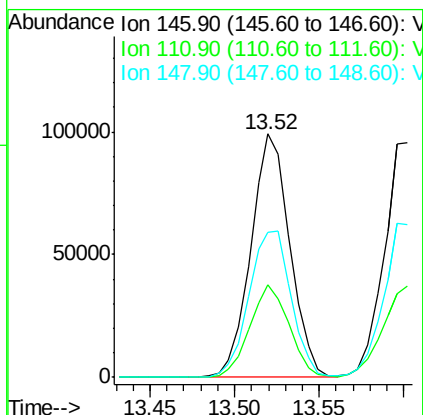
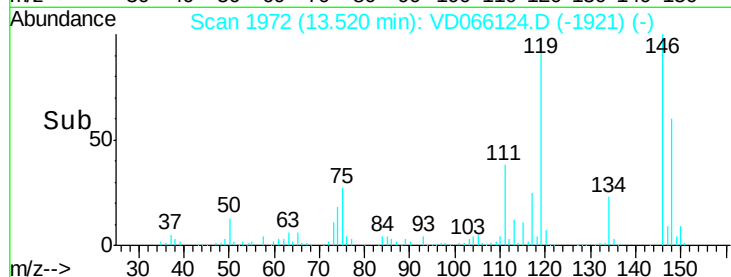
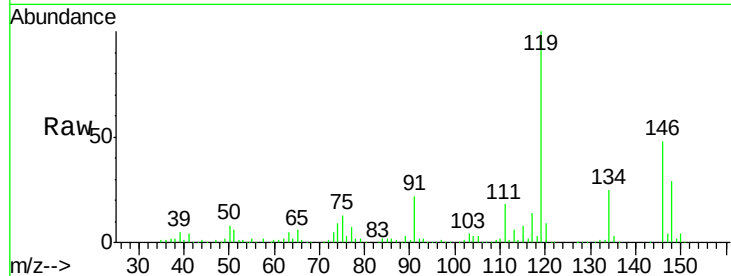




#87
 1,3-Dichlorobenzene
 Concen: 19.641 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

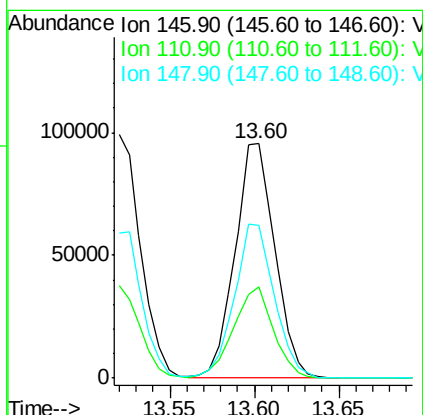
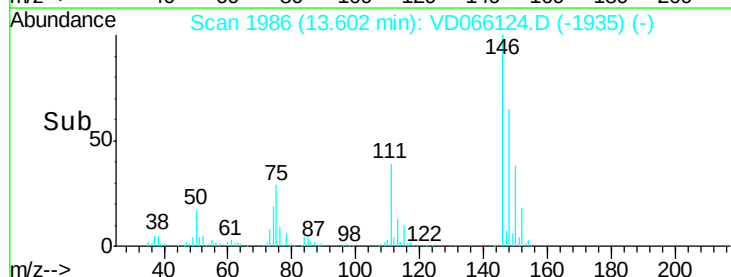
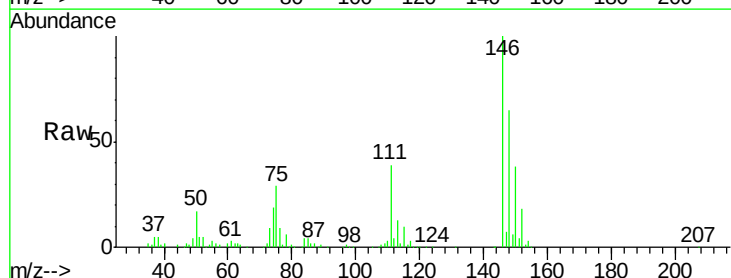
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

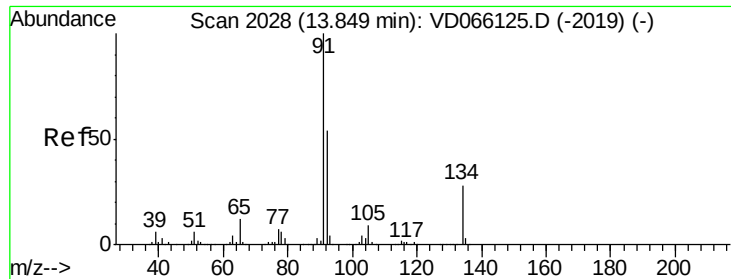
Tgt Ion:146 Resp: 158808
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 65.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.636 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Tgt Ion:146 Resp: 157740
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.6 55.8
 148 65.9 32.4 97.0

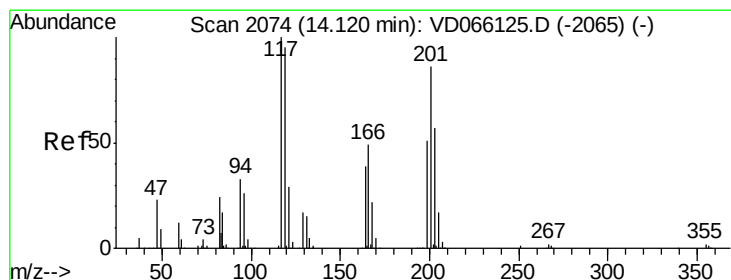
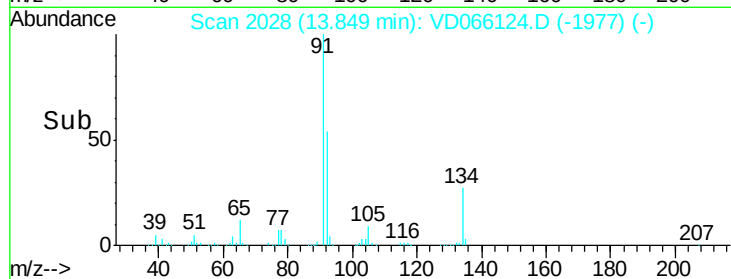
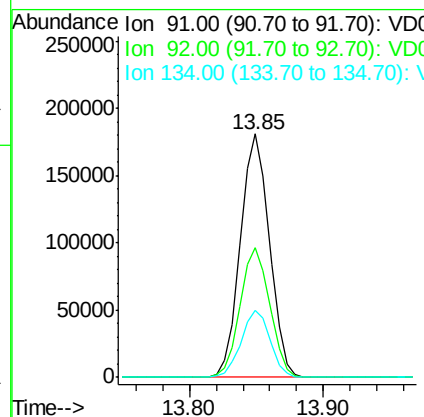
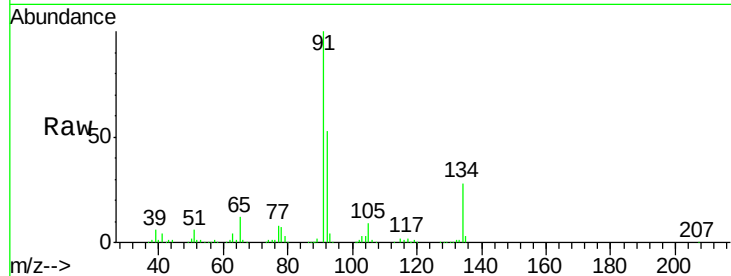




#89
n-Butylbenzene
Concen: 20.109 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

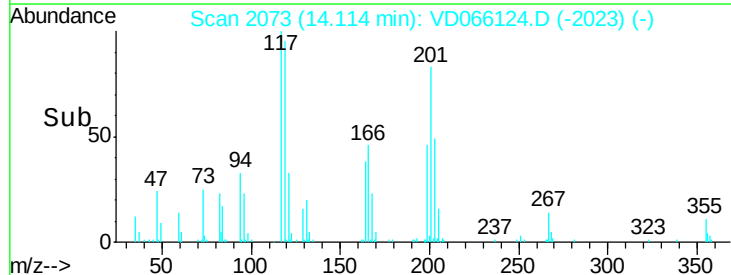
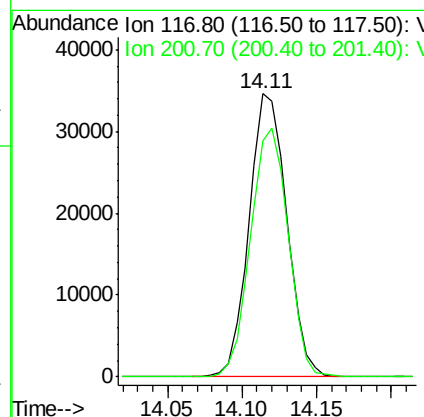
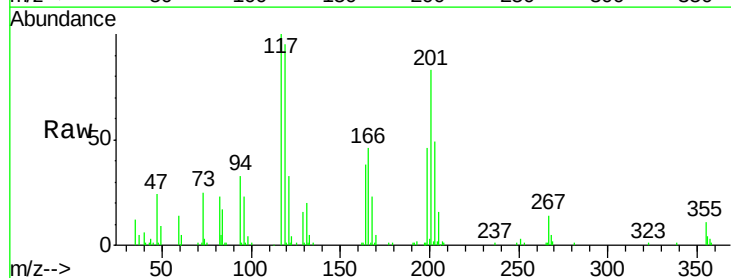
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

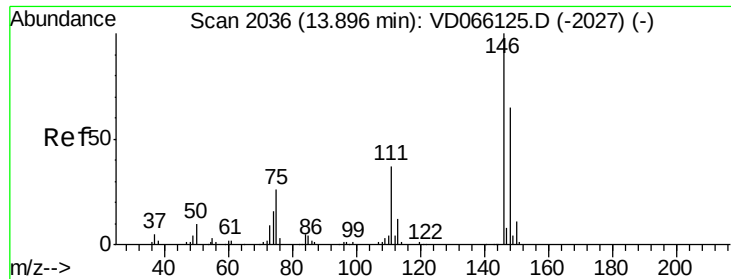
Tgt Ion: 91 Resp: 272985
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.3
134 27.3 14.0 41.9



#90
Hexachloroethane
Concen: 19.697 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066124.D
Acq: 05 Aug 2020 11:30

Tgt Ion: 117 Resp: 60235
Ion Ratio Lower Upper
117 100
201 87.7 42.7 128.1

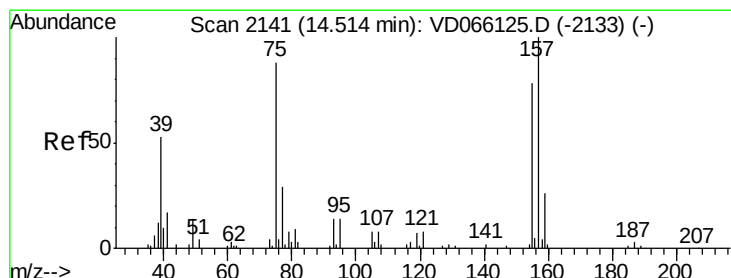
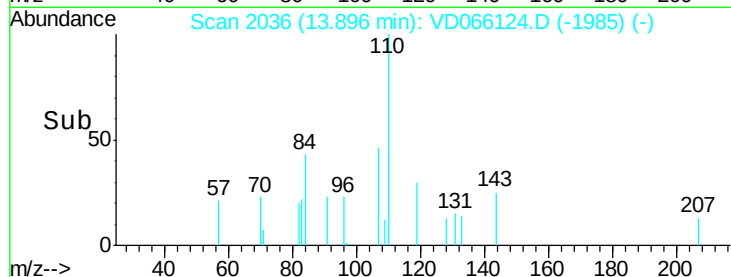
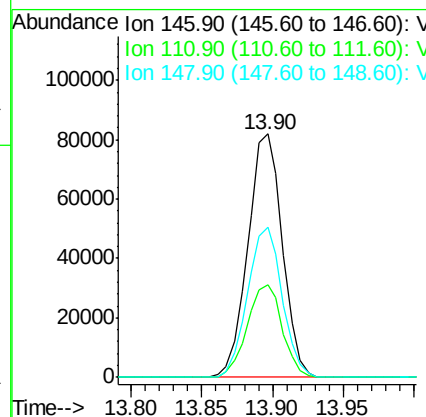
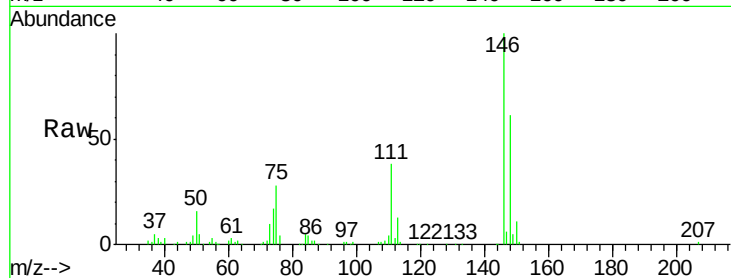




#91
 1,2-Dichlorobenzene
 Concen: 19.693 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

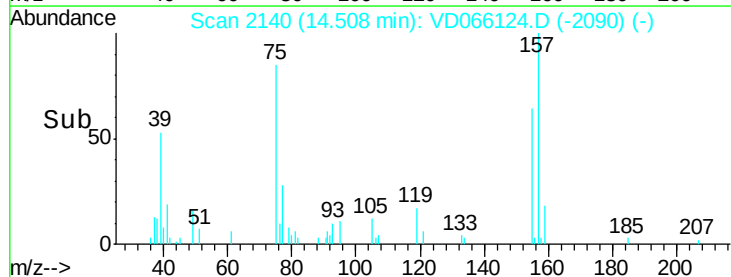
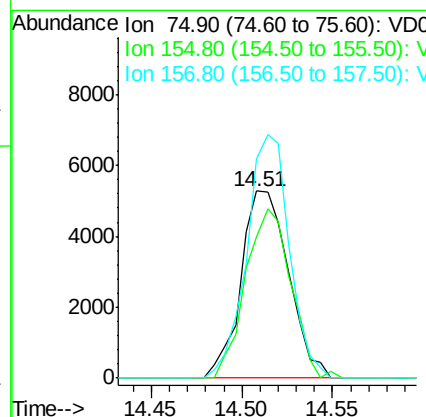
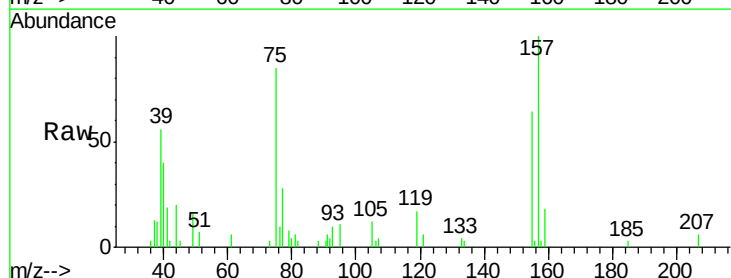
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

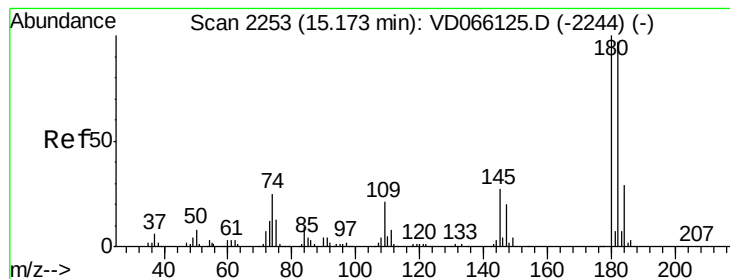
Tgt Ion:146 Resp: 140427
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.8 56.3
 148 61.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.882 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066124.D
 Acq: 05 Aug 2020 11:30

Tgt Ion: 75 Resp: 9605
 Ion Ratio Lower Upper
 75 100
 155 86.3 47.7 143.1
 157 117.3 62.1 186.2





#93

1,2,4-Trichlorobenzene

Concen: 19.838 ug/l

RT: 15.17 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

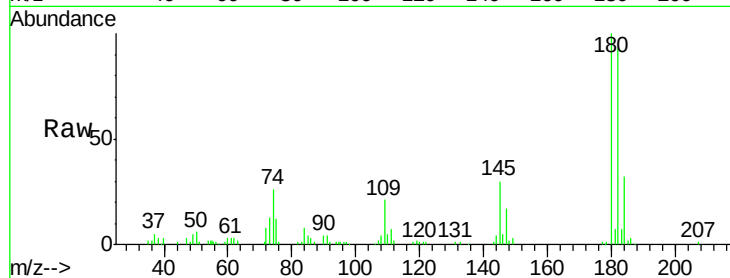
Tgt Ion:180 Resp: 101525

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.2

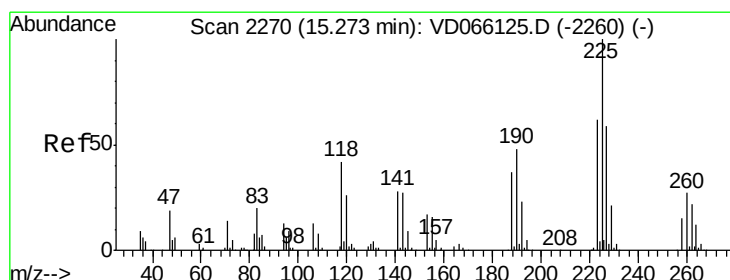
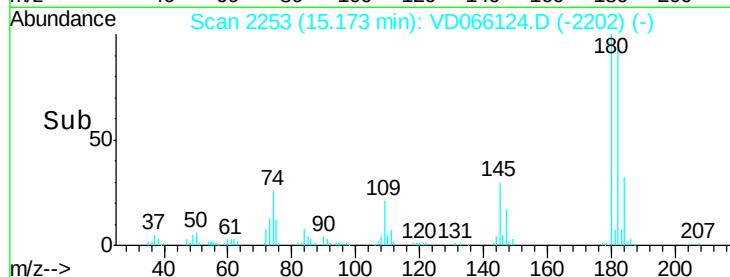
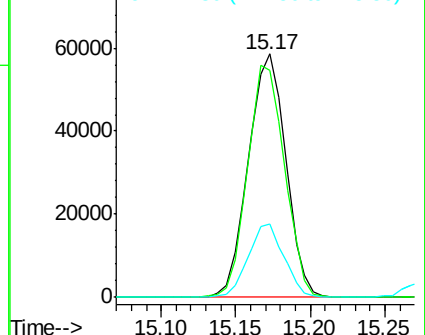
145 28.5 14.5 43.6



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: 19.603 ug/l

RT: 15.28 min Scan# 2271

Delta R.T. 0.01 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

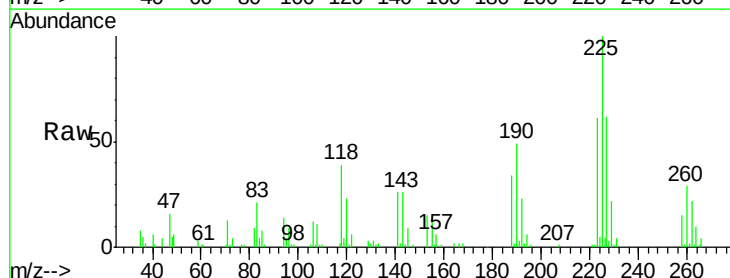
Tgt Ion:225 Resp: 59573

Ion Ratio Lower Upper

225 100

223 66.6 32.3 96.9

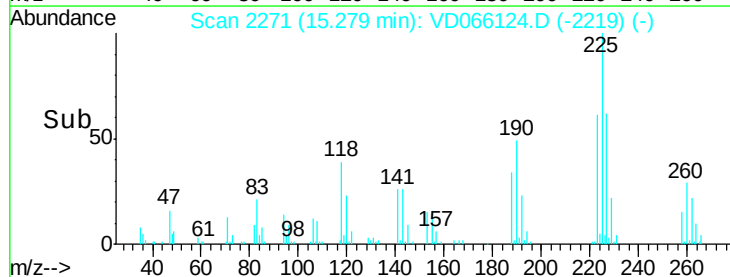
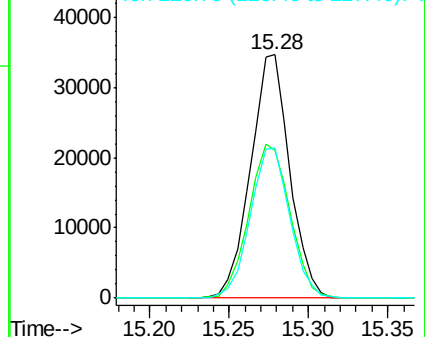
227 62.5 32.1 96.5

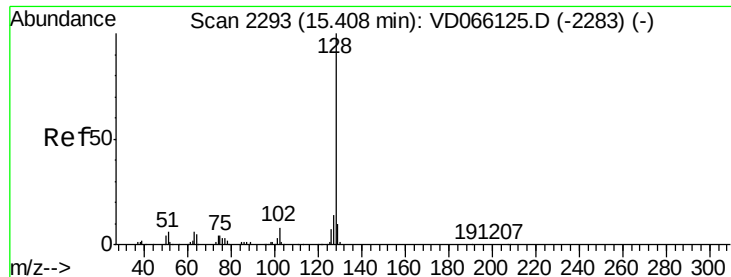


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.148 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

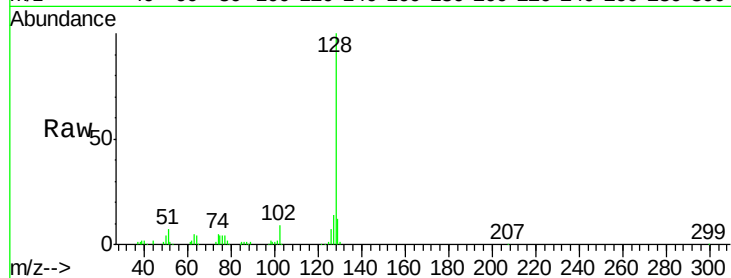
Tgt Ion:128 Resp: 162668

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

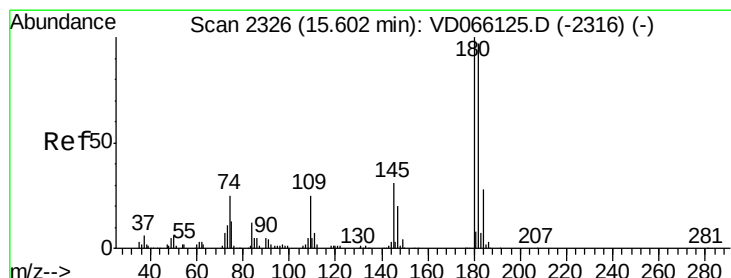
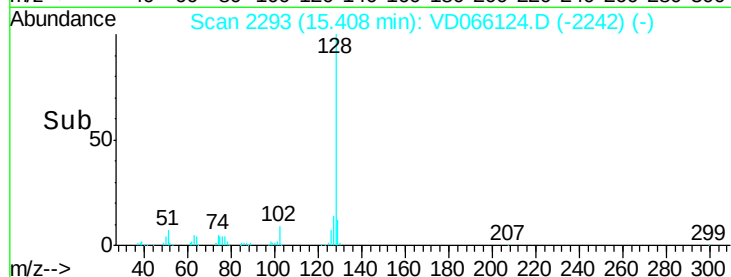
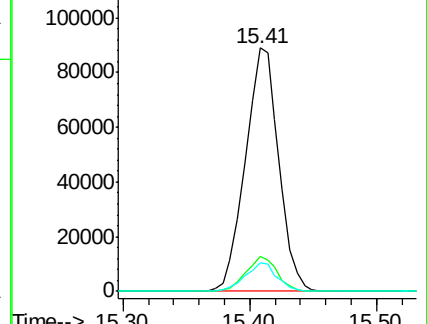
129 11.1 8.8 13.2



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: 19.887 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD066124.D

Acq: 05 Aug 2020 11:30

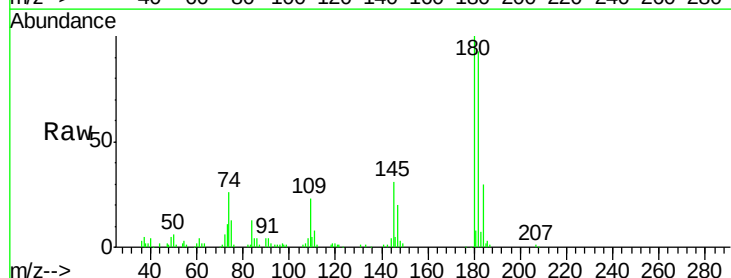
Tgt Ion:180 Resp: 90128

Ion Ratio Lower Upper

180 100

182 91.5 47.1 141.4

145 29.5 14.9 44.9



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

