

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
 Data File : VD066843.D
 Acq On : 24 Sep 2020 11:35
 Operator : VA/SY
 Sample : VD0924SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0924SBS01

Quant Time: Sep 25 01:08:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	406132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	639680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	583375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	275937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	179479	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
35) Dibromofluoromethane	7.91	113	187579	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
50) Toluene-d8	10.34	98	681334	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.63	95	231727	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	74618	23.235	ug/l	88
3) Chloromethane	2.21	50	75721	20.292	ug/l	97
4) Vinyl Chloride	2.35	62	72761	19.737	ug/l	90
5) Bromomethane	2.76	94	51188	19.755	ug/l	100
6) Chloroethane	2.92	64	43717	19.096	ug/l #	74
7) Trichlorofluoromethane	3.27	101	152081	20.087	ug/l	100
8) Diethyl Ether	3.70	74	35900	18.678	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	85448	19.464	ug/l	100
10) Methyl Iodide	4.30	142	79836	20.608	ug/l	97
11) Tert butyl alcohol	5.21	59	24733	68.233	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	79961	20.106	ug/l	98
13) Acrolein	3.92	56	25444	86.769	ug/l	93
14) Allyl chloride	4.71	41	111308	19.060	ug/l	98
15) Acrylonitrile	5.43	53	78729	92.428	ug/l	97
16) Acetone	4.15	43	68565	81.311	ug/l #	85
17) Carbon Disulfide	4.41	76	240076	19.745	ug/l	97
18) Methyl Acetate	4.71	43	34881	16.077	ug/l	95
19) Methyl tert-butyl Ether	5.48	73	157482	18.234	ug/l	91
20) Methylene Chloride	4.97	84	100482	18.400	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	92184	20.019	ug/l	96
22) Diisopropyl ether	6.36	45	228614	19.040	ug/l	99
23) Vinyl Acetate	6.31	43	548154	85.858	ug/l	98
24) 1,1-Dichloroethane	6.27	63	156104	19.434	ug/l	96
25) 2-Butanone	7.21	43	89047	87.874	ug/l	96
26) 2,2-Dichloropropane	7.21	77	140397	19.070	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	93773	18.742	ug/l	95
28) Bromochloromethane	7.54	49	63063	19.004	ug/l #	98
29) Tetrahydrofuran	7.56	42	59255	91.259	ug/l	98
30) Chloroform	7.71	83	167154	19.305	ug/l	99
31) Cyclohexane	7.98	56	140762	19.475	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	150527	19.218	ug/l	98
36) 1,1-Dichloropropene	8.11	75	127758	20.132	ug/l	99
37) Ethyl Acetate	7.30	43	44308	19.313	ug/l #	92
38) Carbon Tetrachloride	8.09	117	138292	19.932	ug/l #	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
 Data File : VD066843.D
 Acq On : 24 Sep 2020 11:35
 Operator : VA/SY
 Sample : VD0924SBSD01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0924SBSD01

Quant Time: Sep 25 01:08:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	143668	19.718	ug/l	97
40) Benzene	8.35	78	356782	20.172	ug/l	95
41) Methacrylonitrile	7.56	41	58909	41.754	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	100122	19.149	ug/l	99
43) Isopropyl Acetate	8.44	43	83126	18.794	ug/l	99
44) Trichloroethene	9.11	130	102079	20.249	ug/l	95
45) 1,2-Dichloropropane	9.38	63	88842	19.965	ug/l	97
46) Dibromomethane	9.47	93	47989	19.848	ug/l	95
47) Bromodichloromethane	9.66	83	127853	19.685	ug/l	98
48) Methyl methacrylate	9.45	41	42881	19.663	ug/l	94
49) 1,4-Dioxane	9.46	88	11953	370.636	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	210550	93.946	ug/l	97
52) Toluene	10.40	92	234384	20.573	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	107093	19.373	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	128710	19.095	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	64153	19.301	ug/l	98
56) Ethyl methacrylate	10.66	69	64304	18.059	ug/l	93
57) 1,3-Dichloropropane	10.94	76	109736	19.994	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	186877	110.843	ug/l	98
59) 2-Hexanone	10.98	43	138210	91.445	ug/l	99
60) Dibromochloromethane	11.14	129	86796	20.009	ug/l	100
61) 1,2-Dibromoethane	11.24	107	60646	19.617	ug/l	96
64) Tetrachloroethene	10.87	164	88717	21.142	ug/l	95
65) Chlorobenzene	11.67	112	242506	19.970	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	89709	19.519	ug/l	96
67) Ethyl Benzene	11.74	91	424102	19.885	ug/l	98
68) m/p-Xylenes	11.85	106	335080	41.497	ug/l	99
69) o-Xylene	12.18	106	146225	20.027	ug/l	98
70) Styrene	12.20	104	258811	20.411	ug/l	100
71) Bromoform	12.36	173	44682	19.202	ug/l #	99
73) Isopropylbenzene	12.48	105	398068	19.970	ug/l	98
74) N-amyl acetate	12.29	43	72970	18.745	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	66831	19.430	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	86844	37.977	ug/l #	100
77) Bromobenzene	12.76	156	94528	20.276	ug/l	98
78) n-propylbenzene	12.82	91	495103	20.646	ug/l	100
79) 2-Chlorotoluene	12.91	91	272181	19.917	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	347816	20.564	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	16773	18.351	ug/l	97
82) 4-Chlorotoluene	13.01	91	297690	20.665	ug/l	100
83) tert-Butylbenzene	13.23	119	282581	20.332	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	342234	20.405	ug/l	98
85) sec-Butylbenzene	13.40	105	403244	20.176	ug/l	99
86) p-Isopropyltoluene	13.52	119	365198	20.271	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	185157	20.103	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	183322	20.040	ug/l	98
89) n-Butylbenzene	13.84	91	341091	19.919	ug/l	99
90) Hexachloroethane	14.11	117	72375	19.788	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	160202	20.330	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11017	19.911	ug/l	97

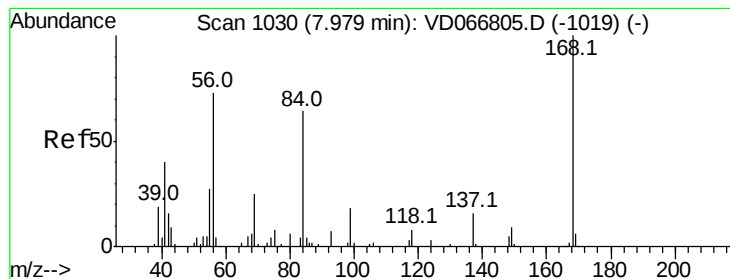
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092420\
Data File : VD066843.D
Acq On : 24 Sep 2020 11:35
Operator : VA/SY
Sample : VD0924SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

Quant Time: Sep 25 01:08:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	97404	19.636	ug/l	98
94) Hexachlorobutadiene	15.27	225	57764	19.432	ug/l	96
95) Naphthalene	15.40	128	156498	18.582	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	85450	19.958	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

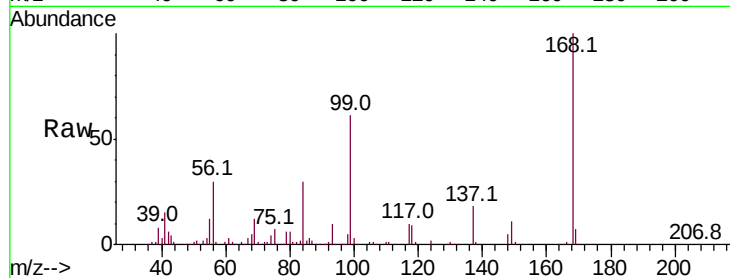
VD0924SBSD01

Tot Ion:168 Resp: 406132

Ion Ratio Lower Upper

168 100

99 60.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

100000

50000

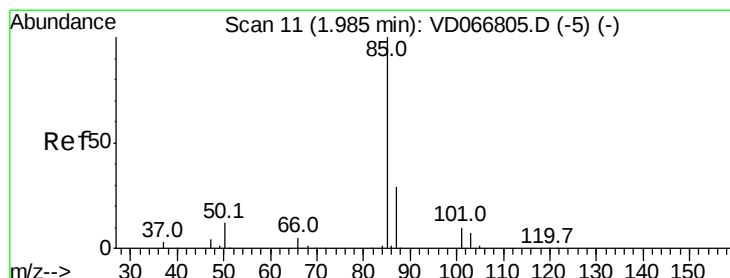
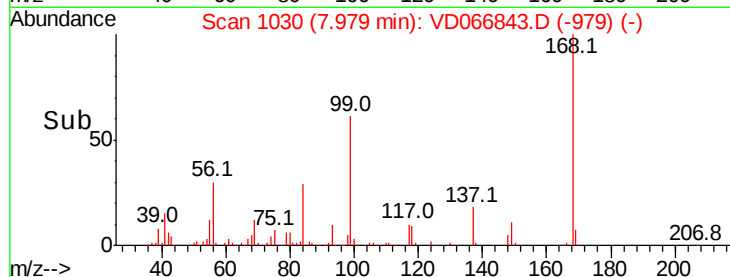
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.235 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066843.D

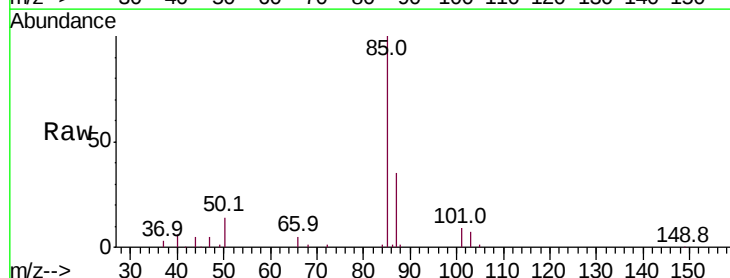
Acq: 24 Sep 2020 11:35

Tgt Ion: 85 Resp: 74618

Ion Ratio Lower Upper

85 100

87 35.2 14.5 43.5



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

1.90

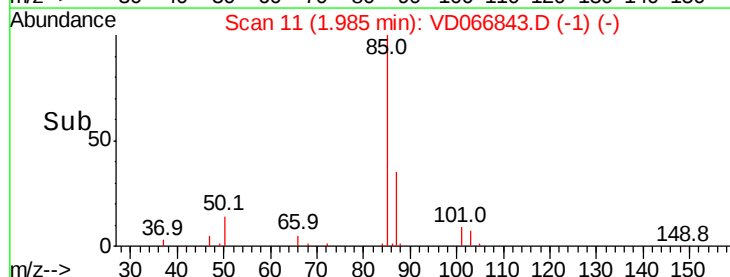
1.95

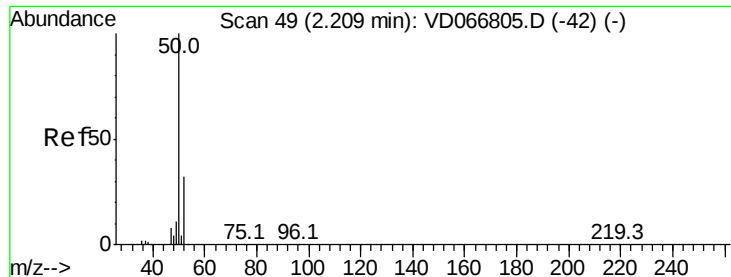
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 20.292 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

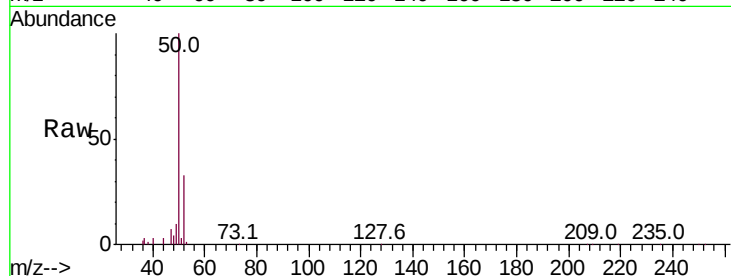
VD0924SBSD01

Tot Ion: 50 Resp: 75721

Ion Ratio Lower Upper

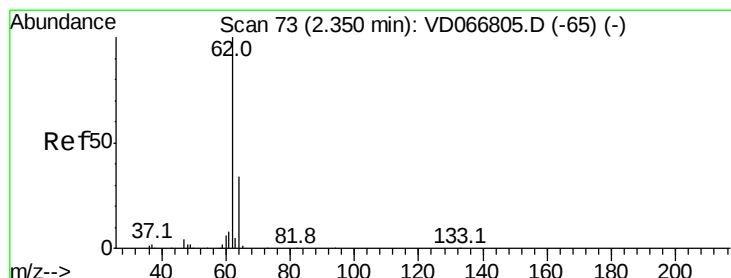
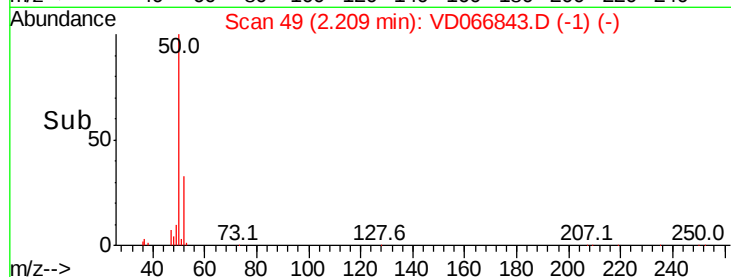
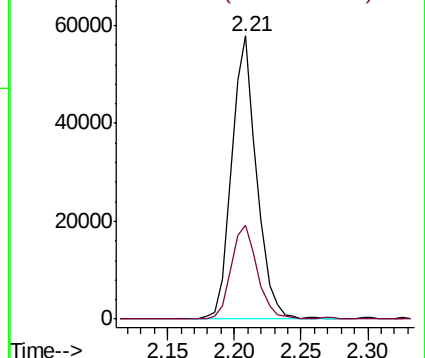
50 100

52 33.3 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.737 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066843.D

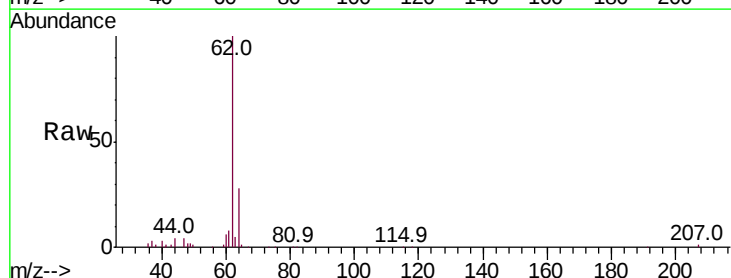
Acq: 24 Sep 2020 11:35

Tgt Ion: 62 Resp: 72761

Ion Ratio Lower Upper

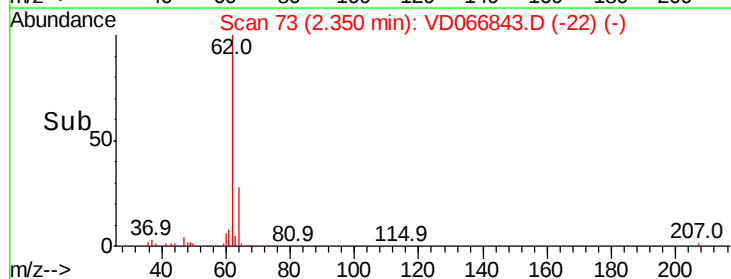
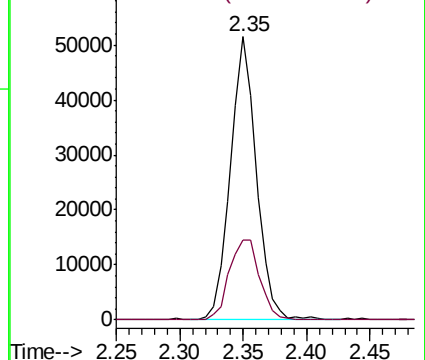
62 100

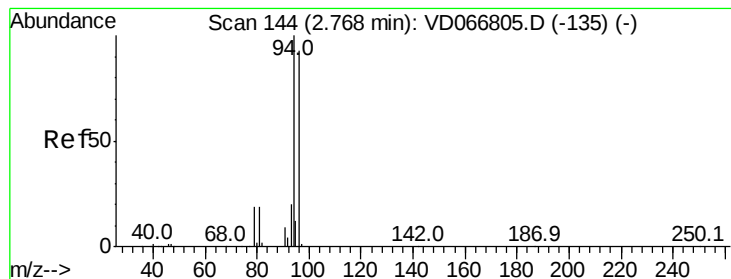
64 28.0 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.755 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

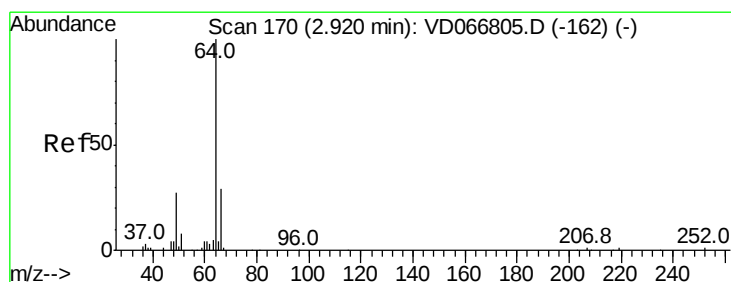
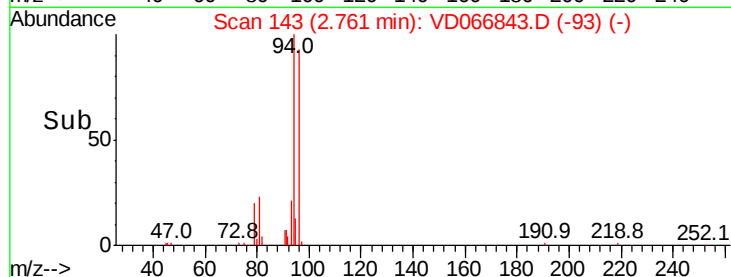
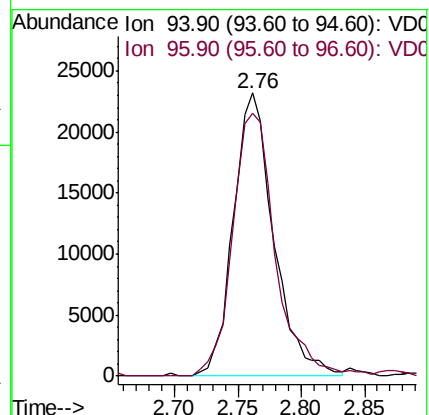
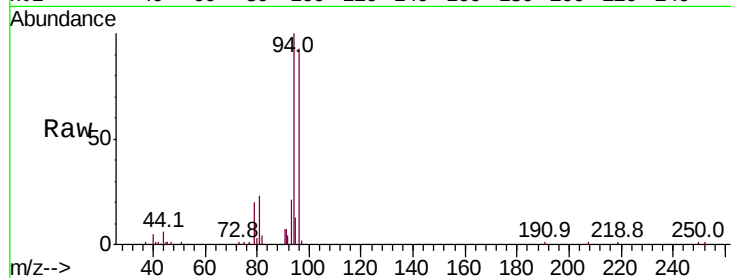
VD0924SBSD01

Tot Ion: 94 Resp: 51188

Ion Ratio Lower Upper

94 100

96 92.7 74.3 111.5



#6

Chloroethane

Concen: 19.096 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066843.D

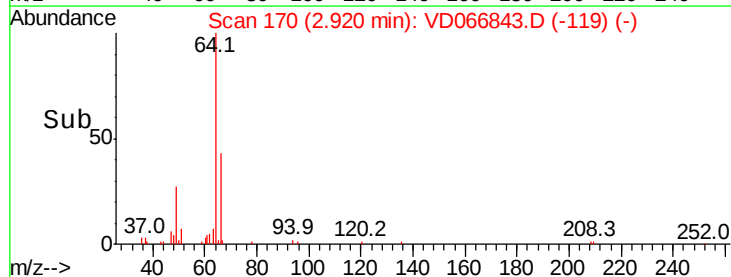
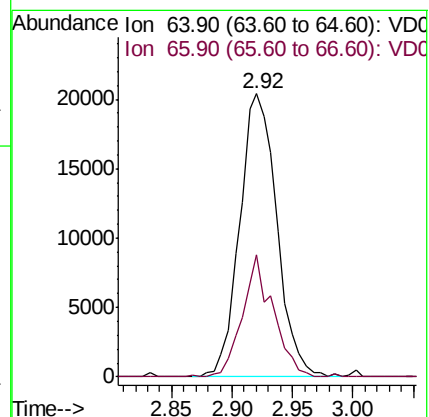
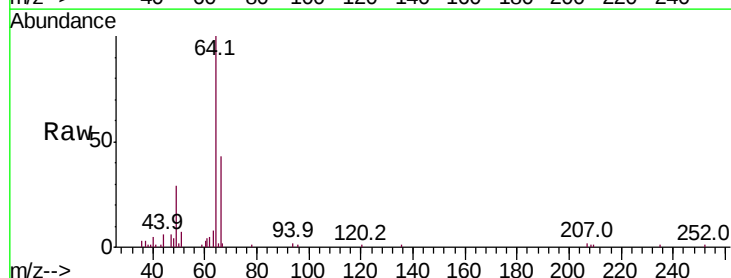
Acq: 24 Sep 2020 11:35

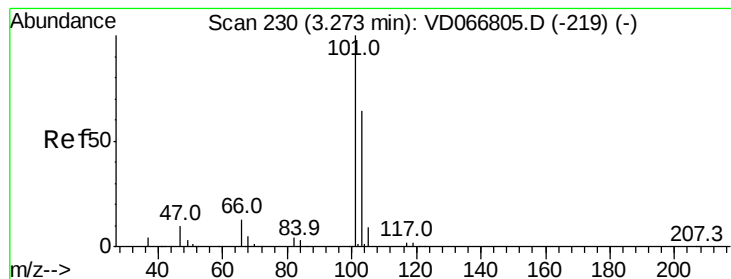
Tgt Ion: 64 Resp: 43717

Ion Ratio Lower Upper

64 100

66 43.1 23.3 34.9#



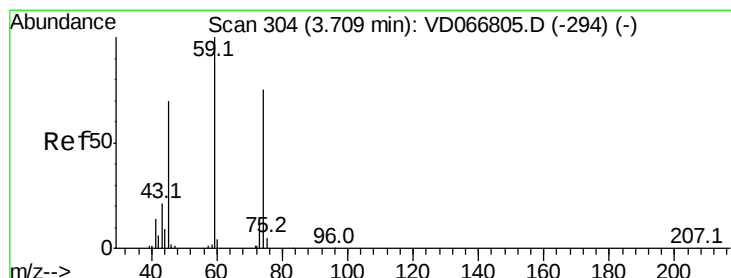
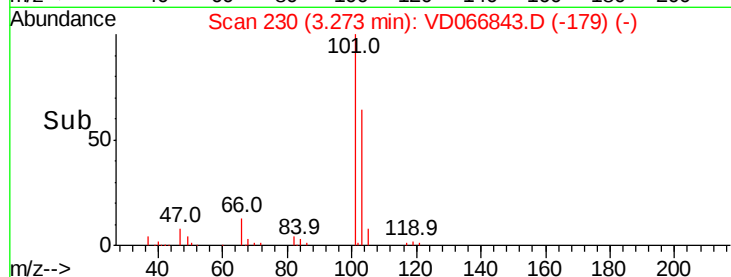
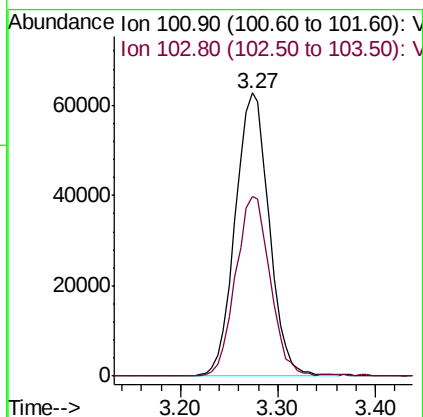
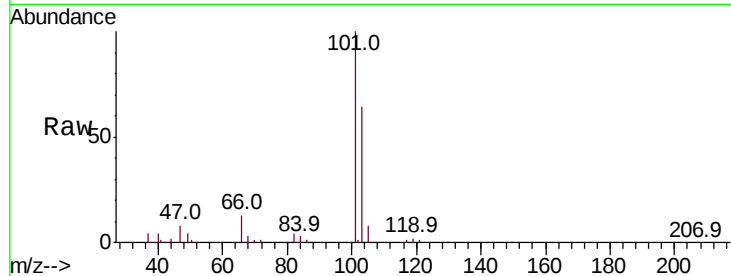


#7

Trichlorofluoromethane
 Concen: 20.087 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066843.D
 Acq: 24 Sep 2020 11:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0924SBSD01

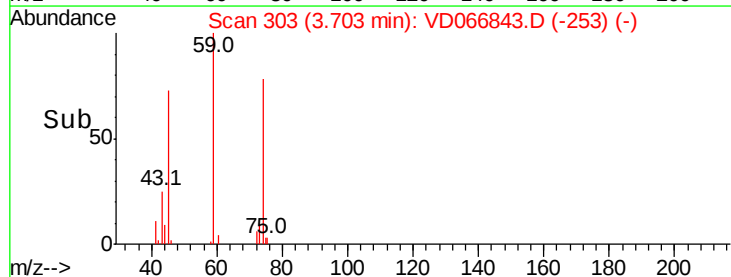
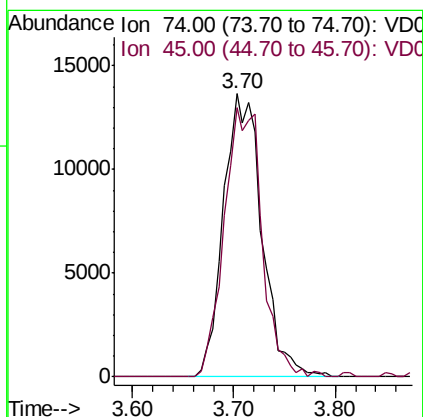
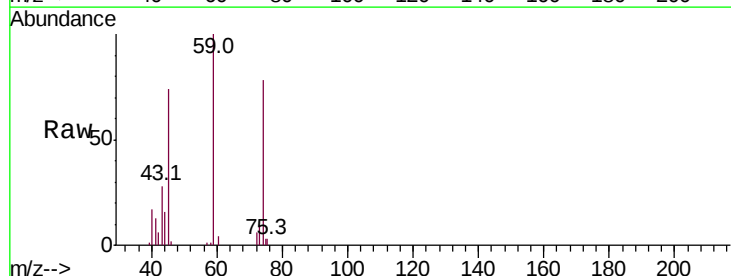
Tot Ion:101 Resp: 152081
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.6

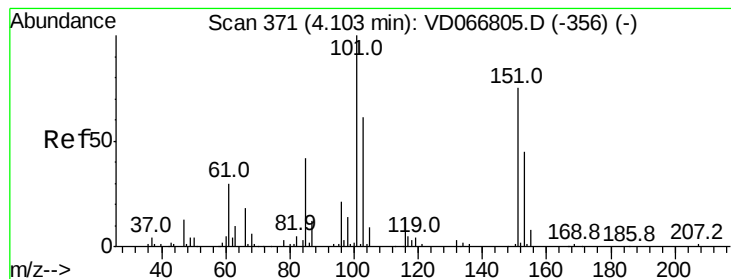


#8

Diethyl Ether
 Concen: 18.678 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066843.D
 Acq: 24 Sep 2020 11:35

Tgt Ion: 74 Resp: 35900
 Ion Ratio Lower Upper
 74 100
 45 93.0 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.464 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0924SBSD01

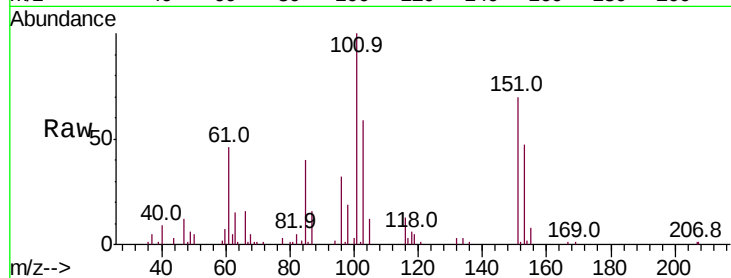
Tot Ion:101 Resp: 85448

Ion Ratio Lower Upper

101 100

85 45.0 35.4 53.2

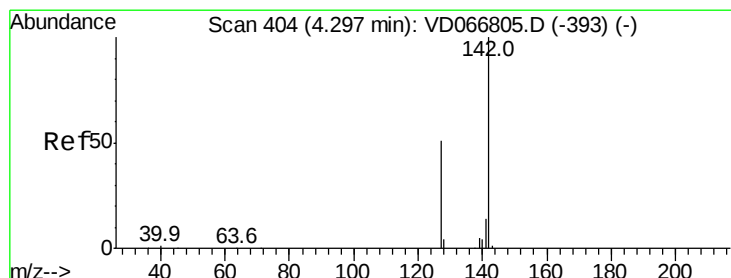
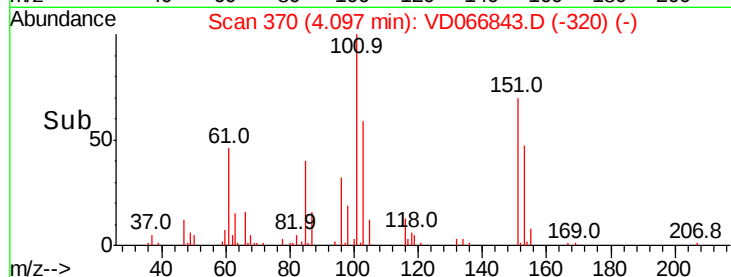
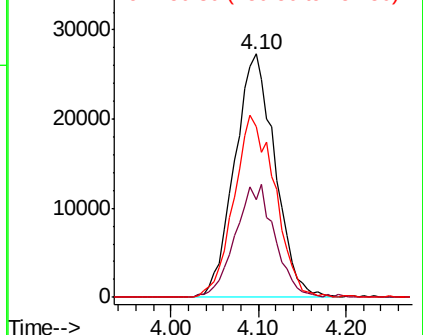
151 76.6 61.4 92.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.608 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

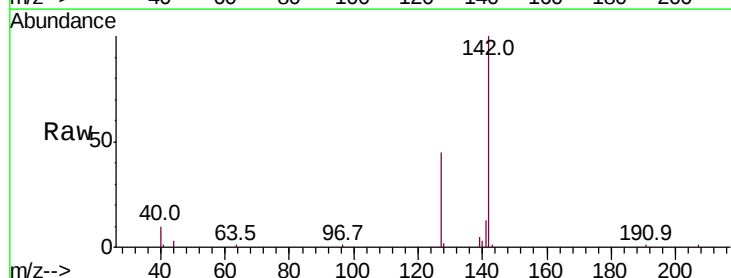
Tgt Ion:142 Resp: 79836

Ion Ratio Lower Upper

142 100

127 46.7 39.4 59.0

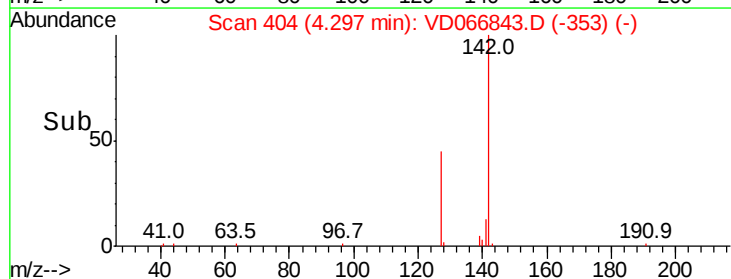
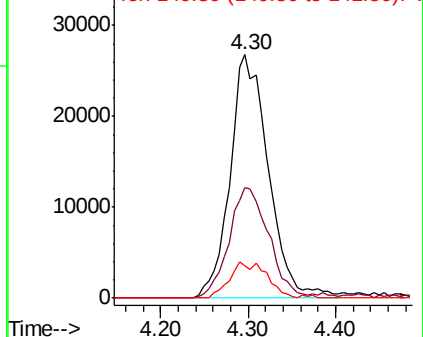
141 14.4 12.1 18.1

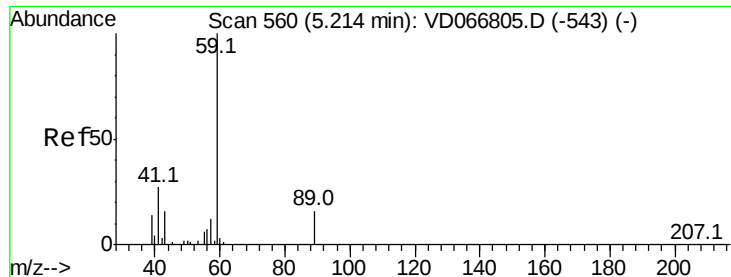


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 68.233 ug/l

RT: 5.21 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

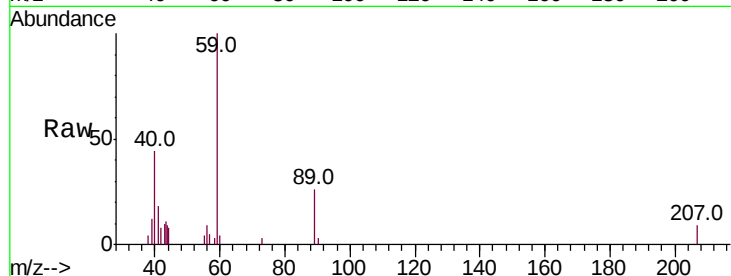
VD0924SBS01

Tot Ion: 59 Resp: 24733

Ion Ratio Lower Upper

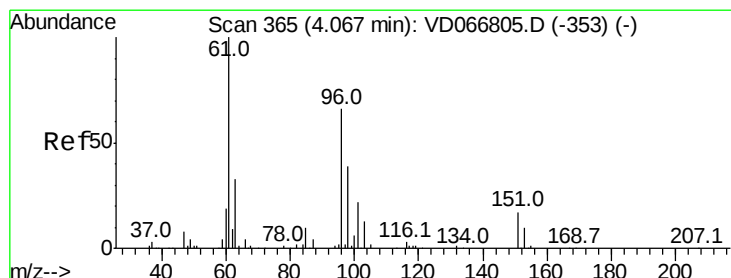
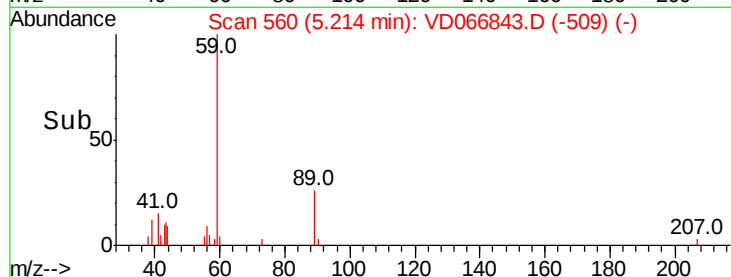
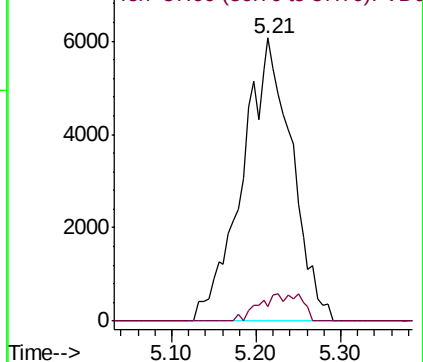
59 100

57 4.9 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 20.106 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

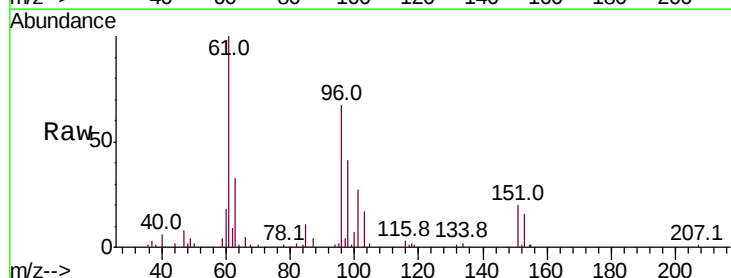
Tgt Ion: 96 Resp: 79961

Ion Ratio Lower Upper

96 100

61 149.5 120.8 181.2

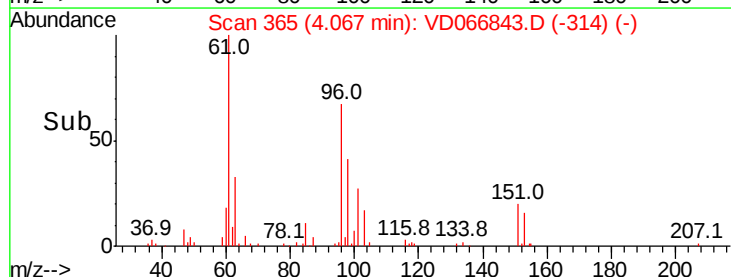
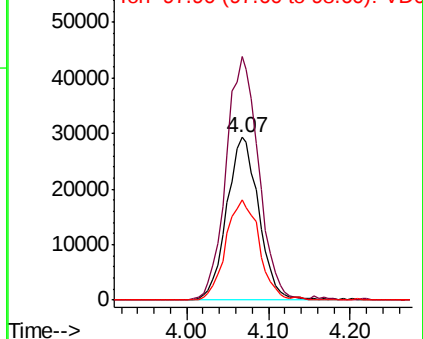
98 61.4 47.7 71.5

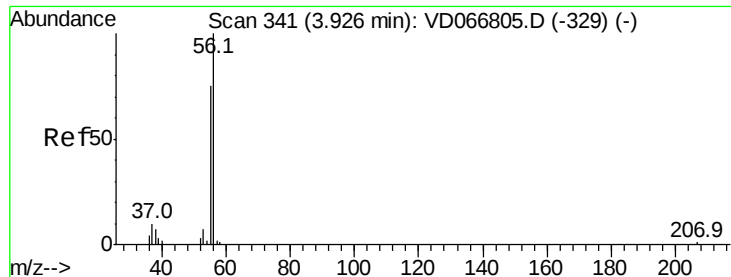


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 86.769 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

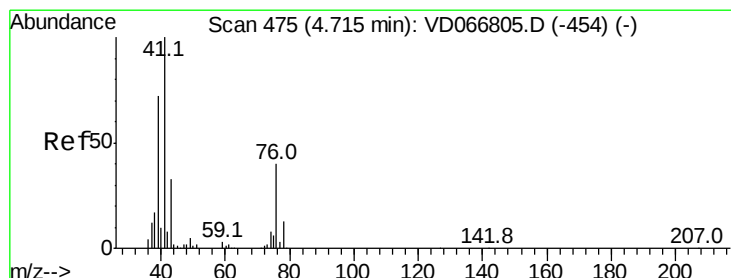
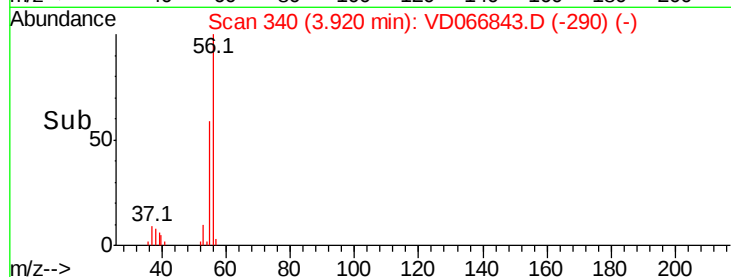
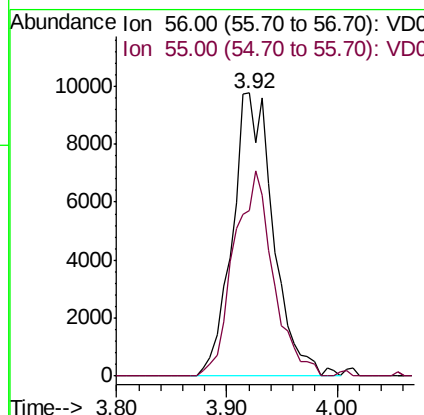
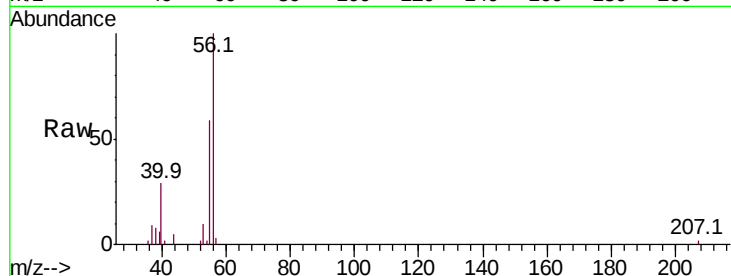
VD0924SBSD01

Tot Ion: 56 Resp: 25444

Ion Ratio Lower Upper

56 100

55 69.5 60.3 90.5



#14

Allyl chloride

Concen: 19.060 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

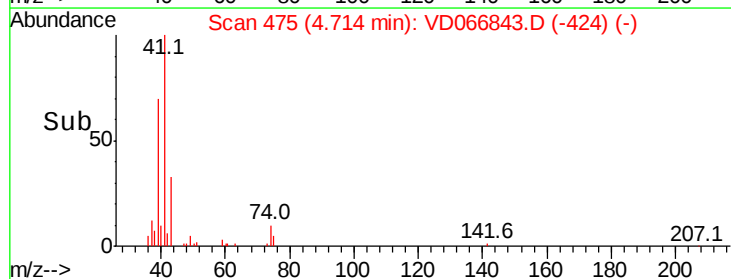
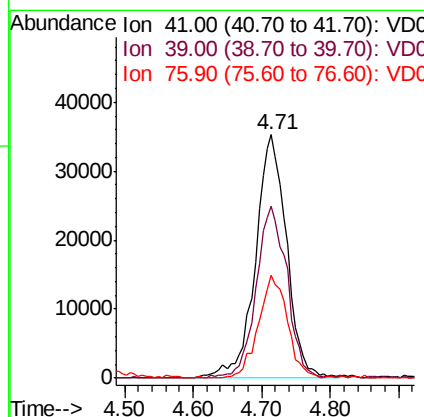
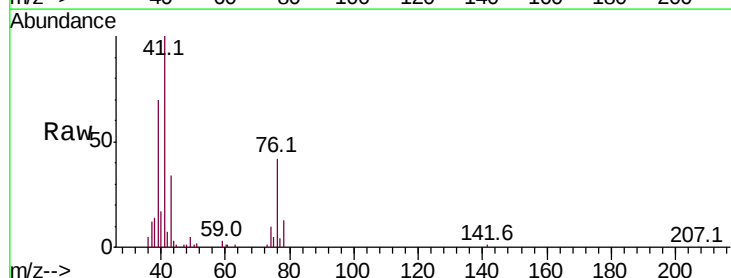
Tgt Ion: 41 Resp: 111308

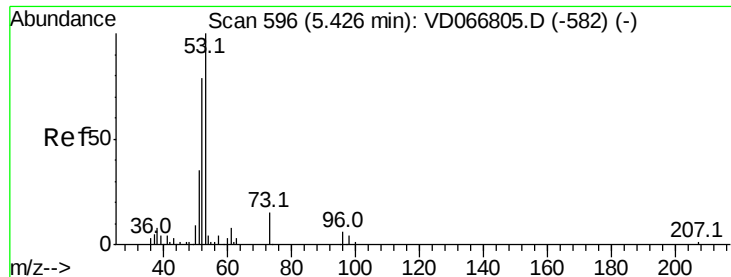
Ion Ratio Lower Upper

41 100

39 70.2 57.8 86.8

76 39.3 30.9 46.3





#15

Acrylonitrile

Concen: 92.428 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0924SBSD01

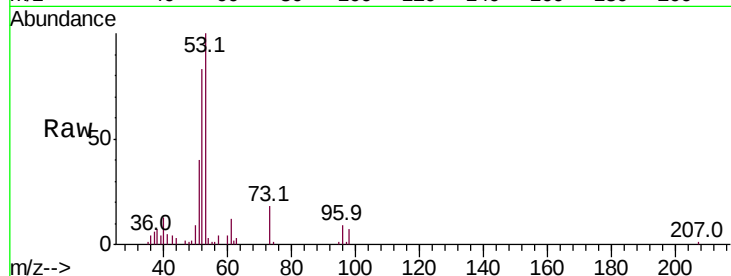
Tot Ion: 53 Resp: 78729

Ion Ratio Lower Upper

53 100

52 78.3 65.2 97.8

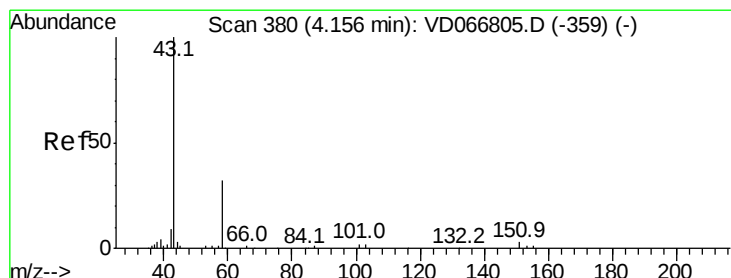
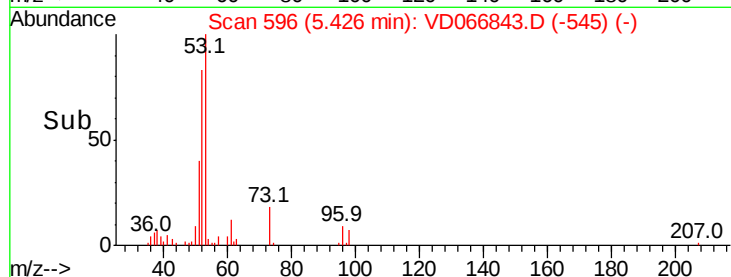
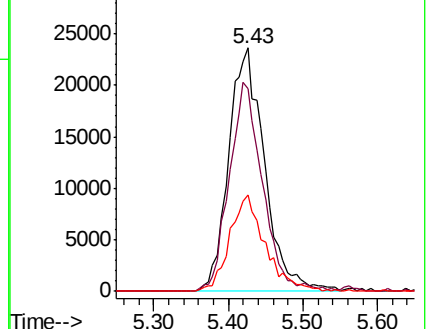
51 39.0 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 81.311 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066843.D

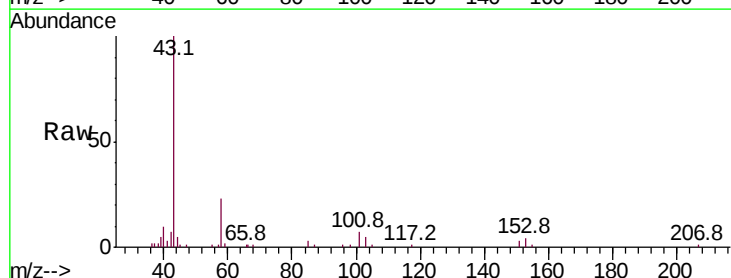
Acq: 24 Sep 2020 11:35

Tgt Ion: 43 Resp: 68565

Ion Ratio Lower Upper

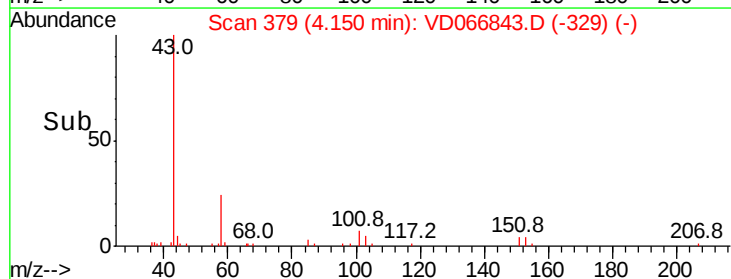
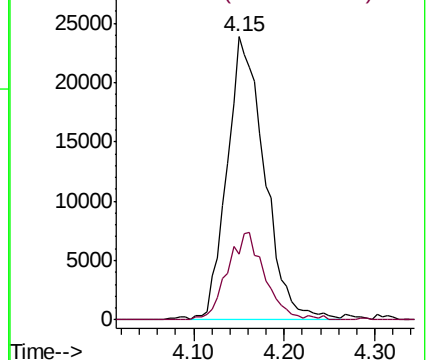
43 100

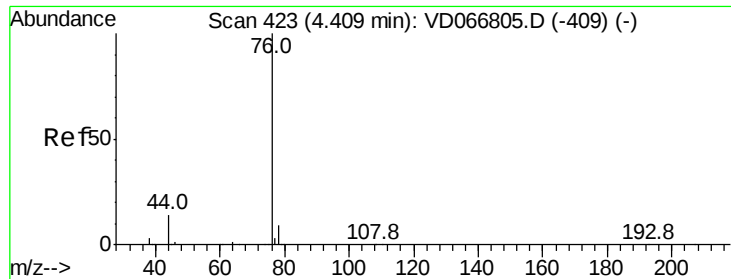
58 23.5 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

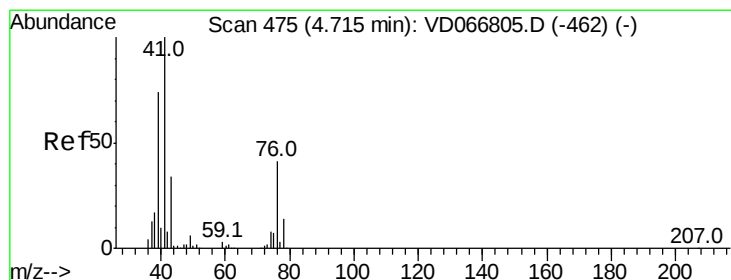
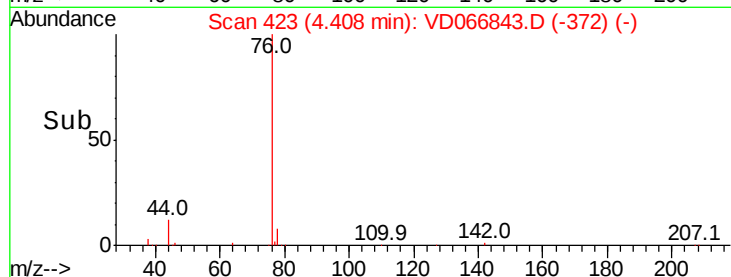
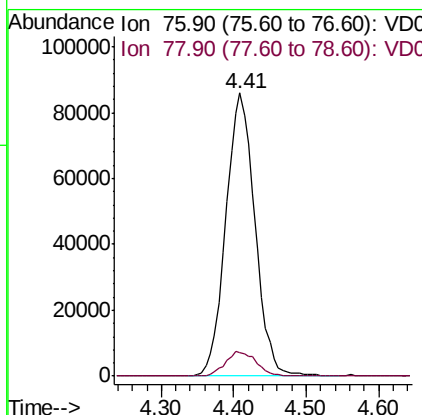
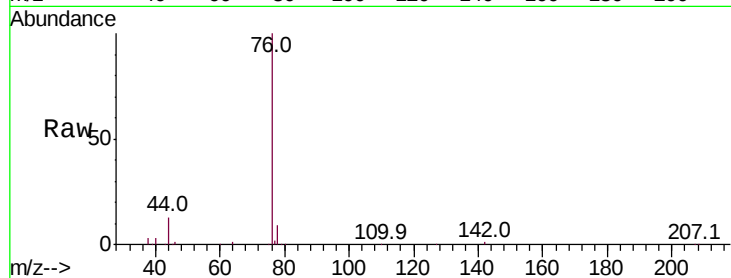




#17
Carbon Disulfide
Concen: 19.745 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

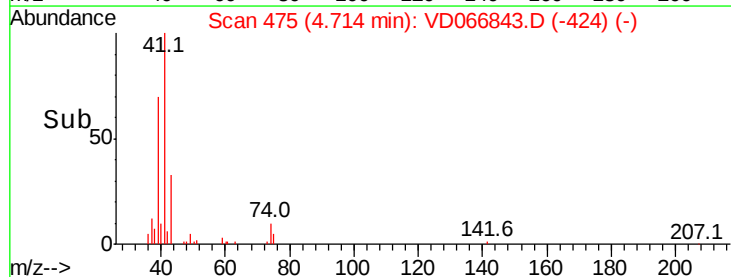
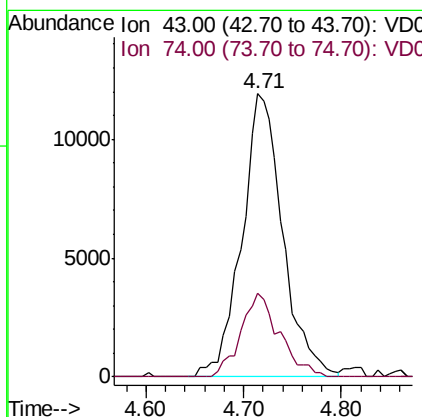
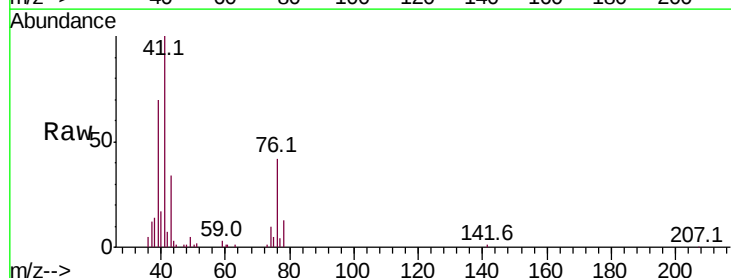
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

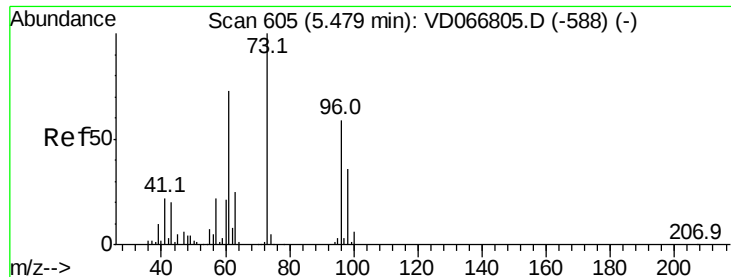
Tot Ion: 76 Resp: 240076
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 16.077 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion: 43 Resp: 34881
Ion Ratio Lower Upper
43 100
74 28.0 20.3 30.5



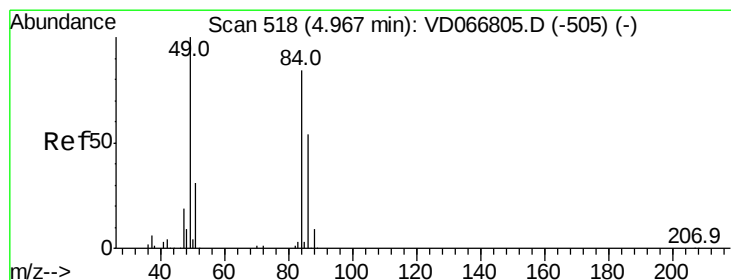
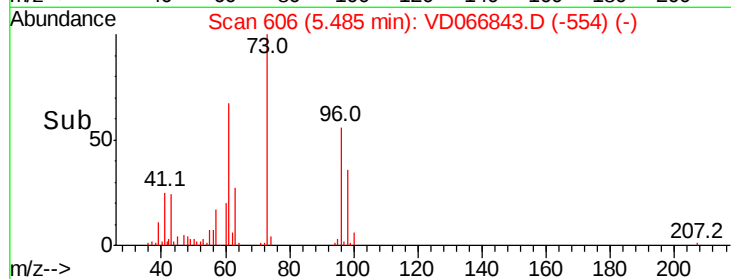
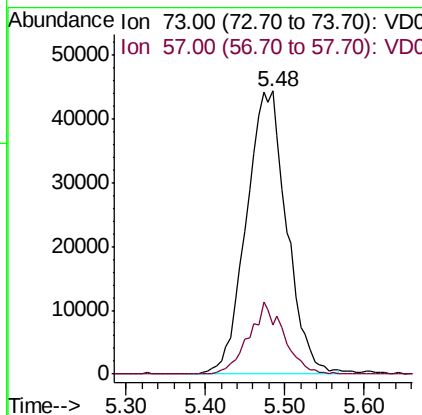
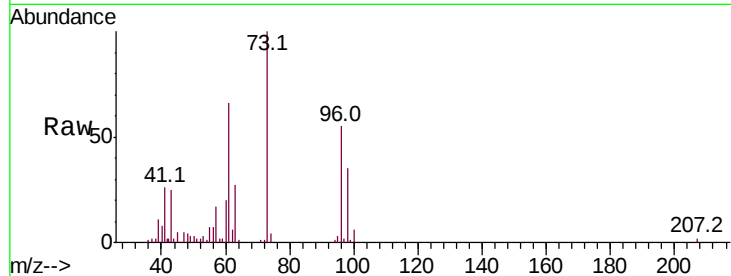


#19

Methyl tert-butyl Ether
 Concen: 18.234 ug/l
 RT: 5.48 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD066843.D
 Acq: 24 Sep 2020 11:35

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0924SBSD01

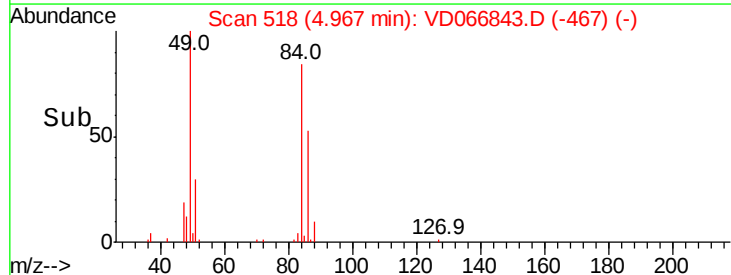
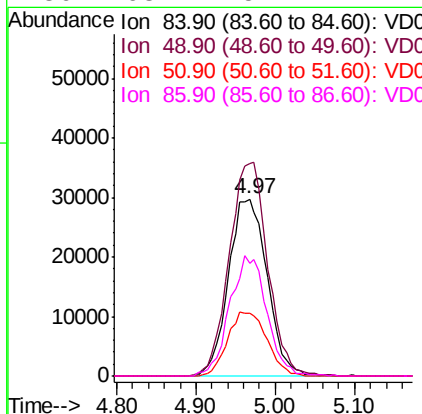
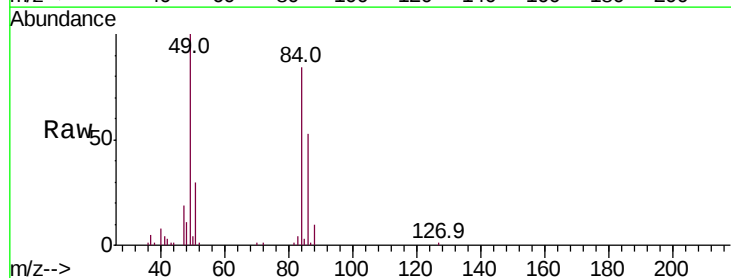
Tot Ion: 73 Resp: 157482
 Ion Ratio Lower Upper
 73 100
 57 17.5 17.4 26.2

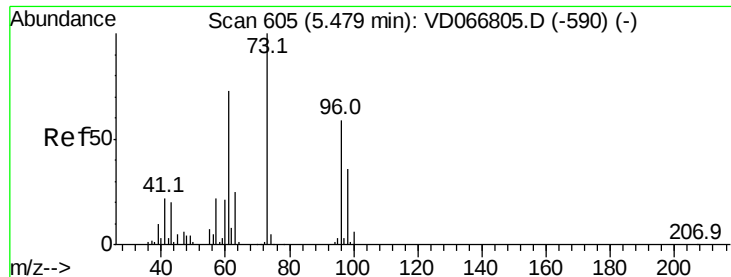


#20

Methylene Chloride
 Concen: 18.400 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066843.D
 Acq: 24 Sep 2020 11:35

Tgt Ion: 84 Resp: 100482
 Ion Ratio Lower Upper
 84 100
 49 119.7 95.4 143.2
 51 35.8 29.7 44.5
 86 63.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.019 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0924SBSD01

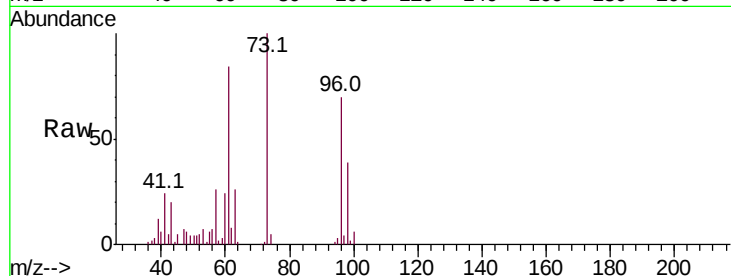
Tot Ion: 96 Resp: 92184

Ion Ratio Lower Upper

96 100

61 120.4 98.9 148.3

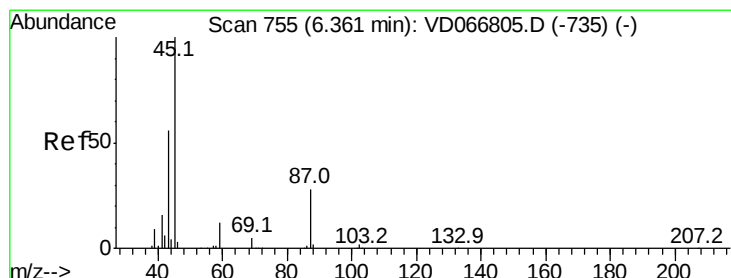
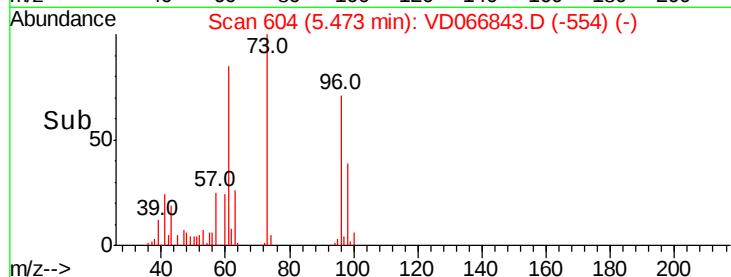
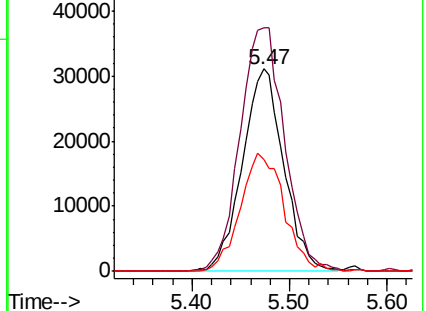
98 55.2 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 19.040 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Tgt Ion: 45 Resp: 228614

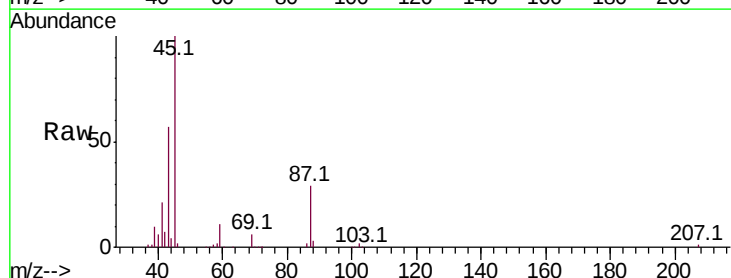
Ion Ratio Lower Upper

45 100

43 55.2 44.5 66.7

87 28.9 22.9 34.3

59 10.5 9.4 14.0

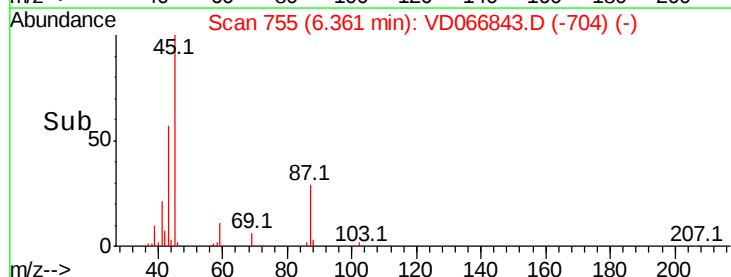
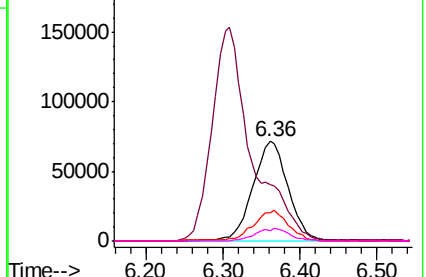


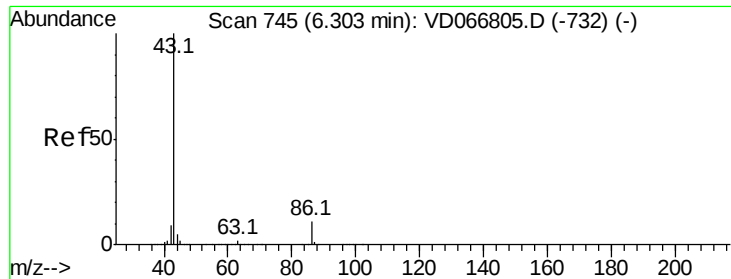
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 85.858 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

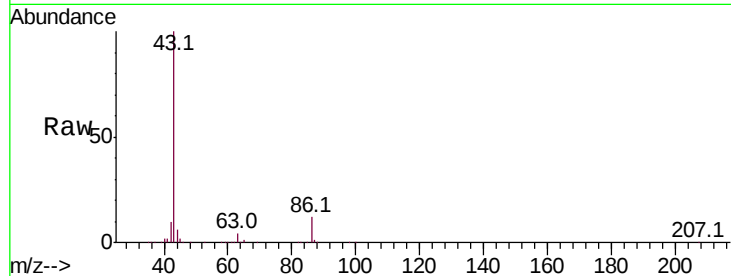
VD0924SBSD01

Tot Ion: 43 Resp: 548154

Ion Ratio Lower Upper

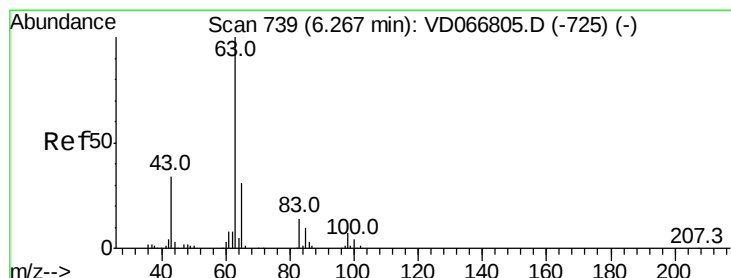
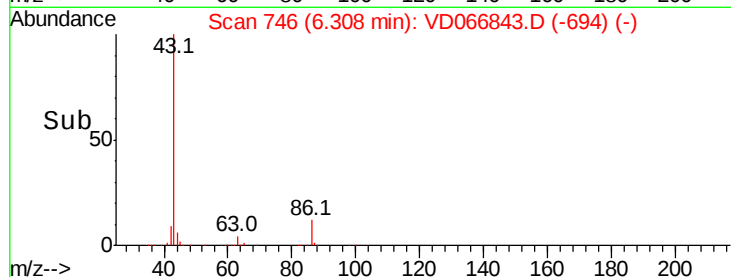
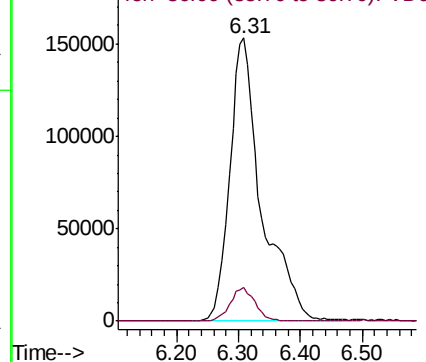
43 100

86 11.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.434 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

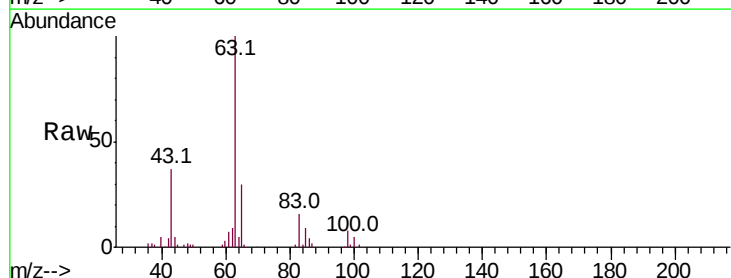
Tgt Ion: 63 Resp: 156104

Ion Ratio Lower Upper

63 100

98 8.4 3.7 11.1

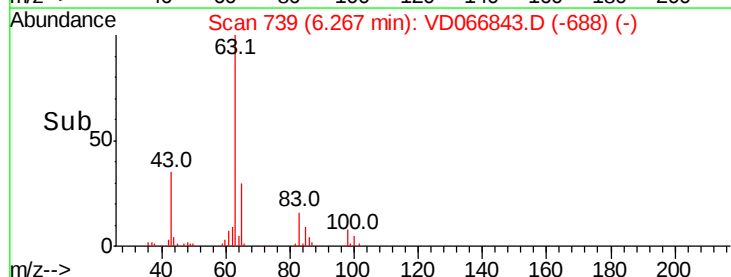
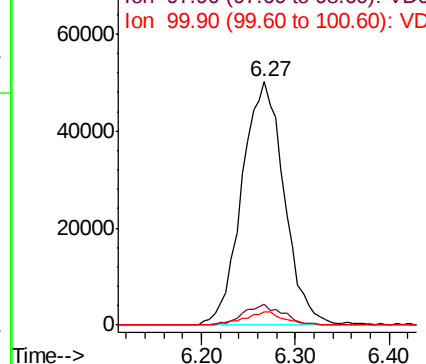
100 5.4 1.8 5.5

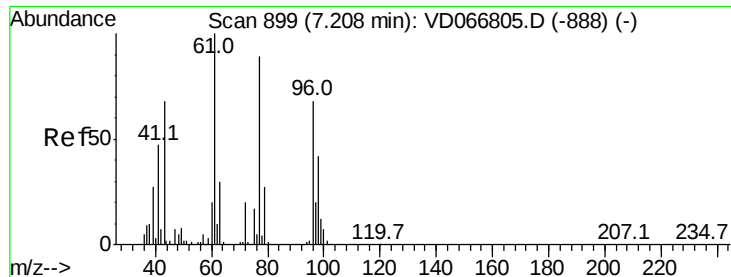


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 87.874 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

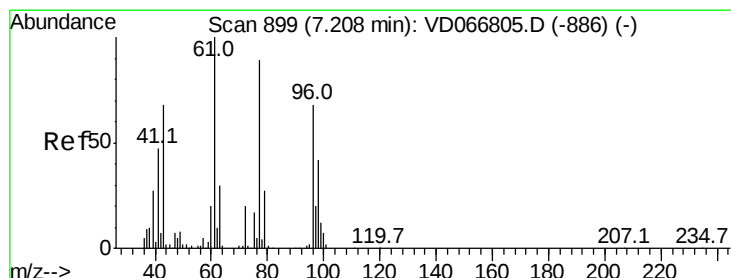
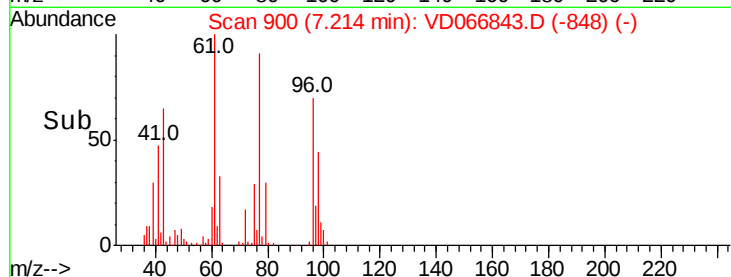
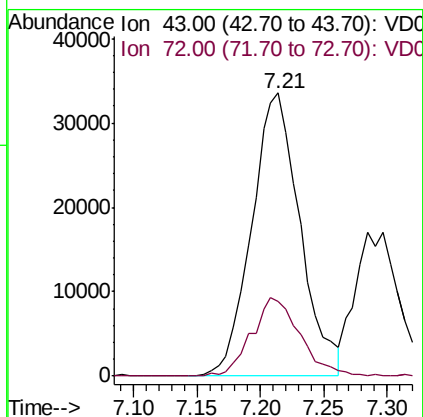
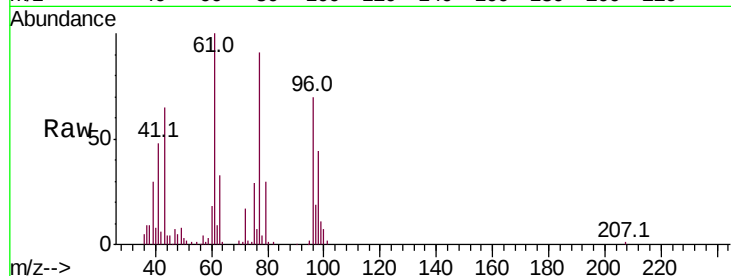
VD0924SBSD01

Tot Ion: 43 Resp: 89047

Ion Ratio Lower Upper

43 100

72 26.3 22.9 34.3



#26

2,2-Dichloropropane

Concen: 19.070 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066843.D

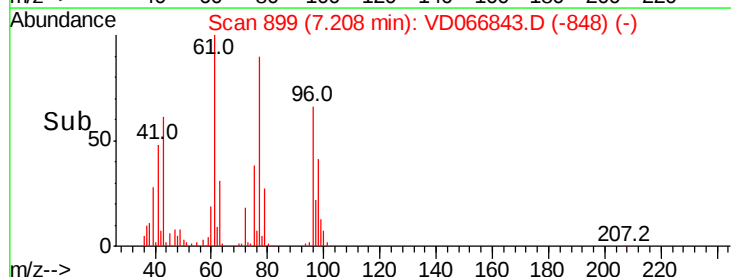
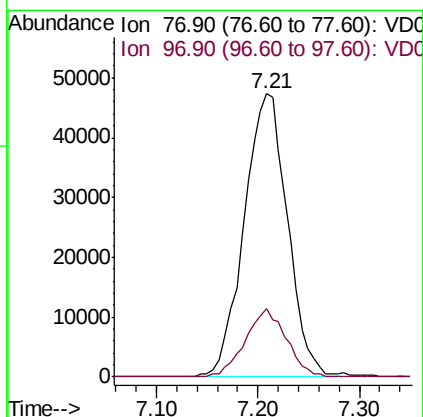
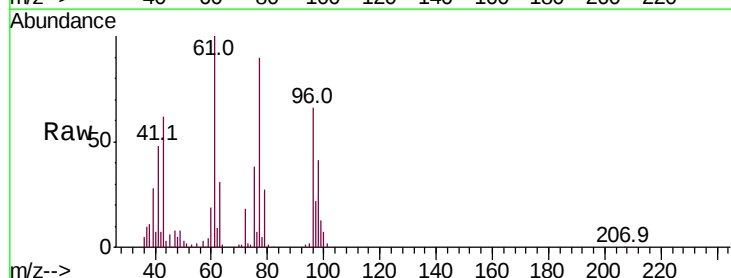
Acq: 24 Sep 2020 11:35

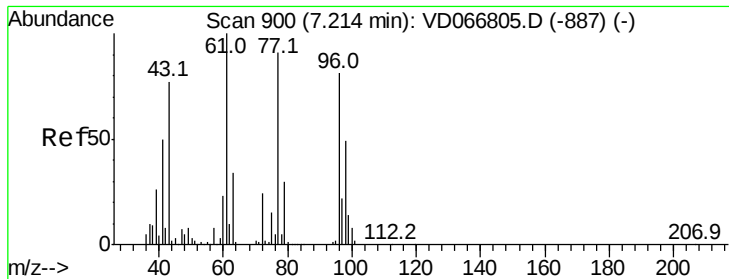
Tgt Ion: 77 Resp: 140397

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 18.742 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0924SBS01

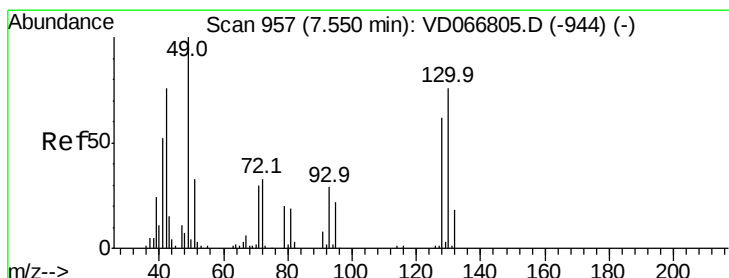
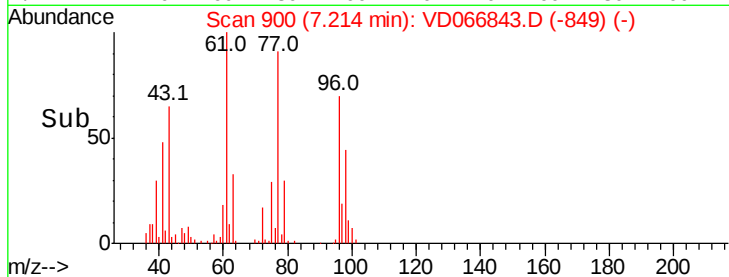
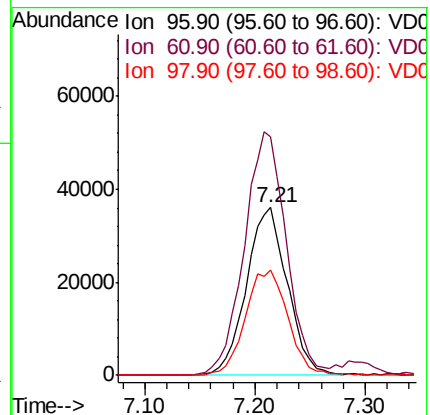
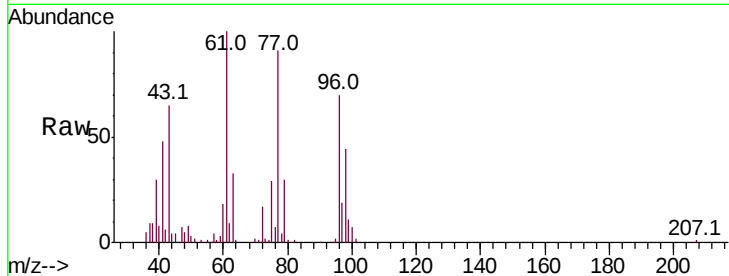
Tot Ion: 96 Resp: 93773

Ion Ratio Lower Upper

96 100

61 149.2 0.0 283.8

98 65.4 0.0 128.4



#28

Bromochloromethane

Concen: 19.004 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

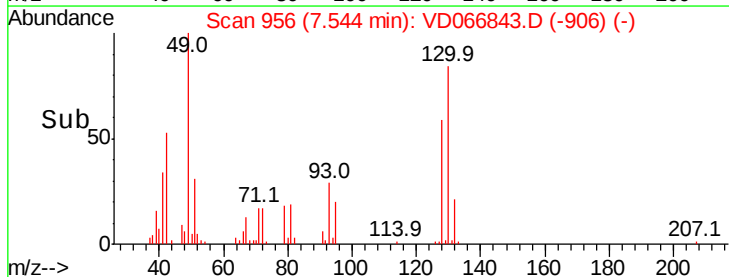
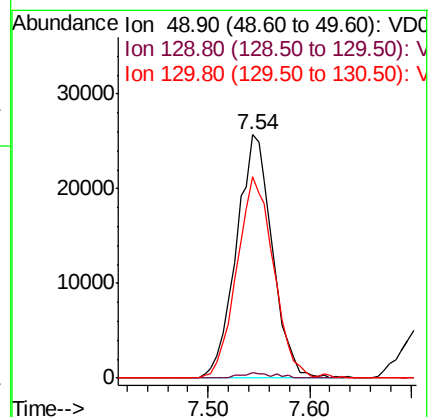
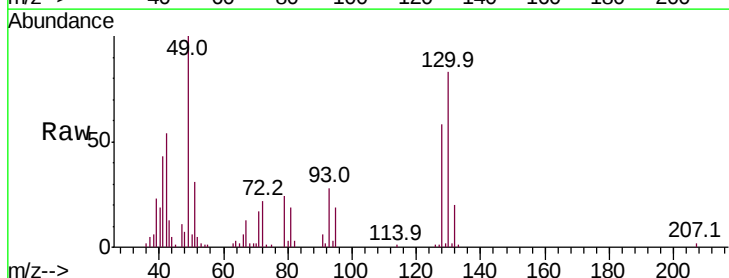
Tgt Ion: 49 Resp: 63063

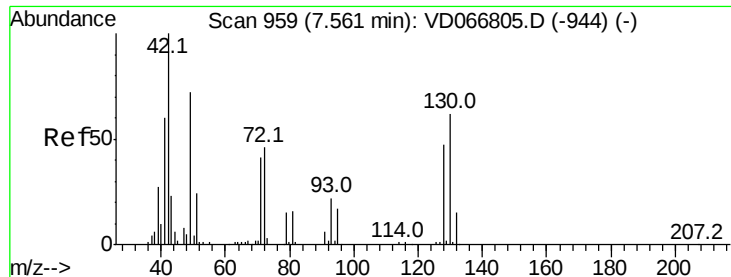
Ion Ratio Lower Upper

49 100

129 2.0 0.0 2.0#

130 84.4 65.9 98.9

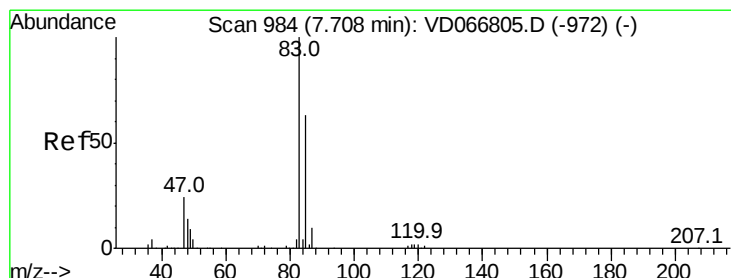
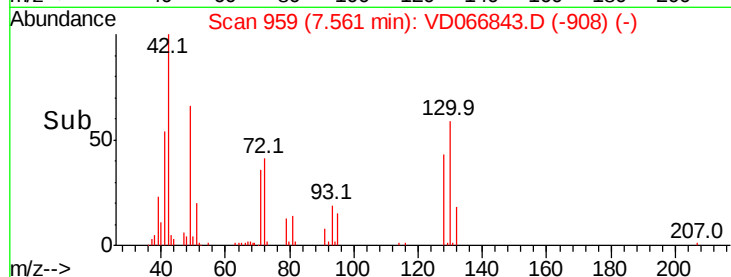
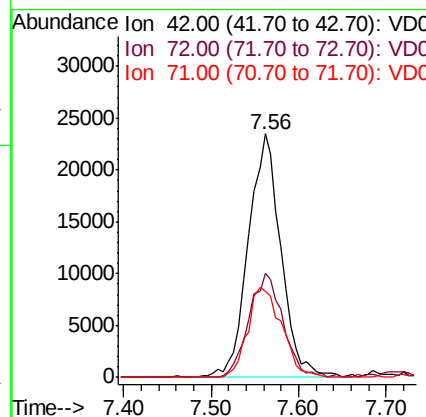
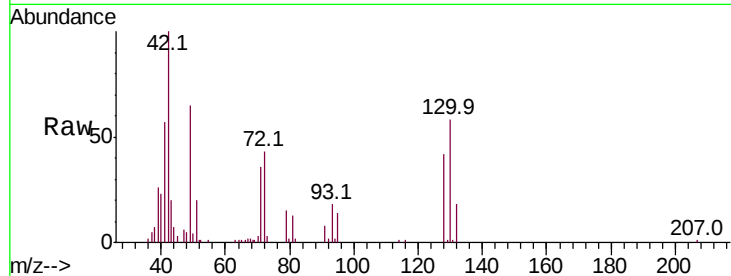




#29
Tetrahydrofuran
Concen: 91.259 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

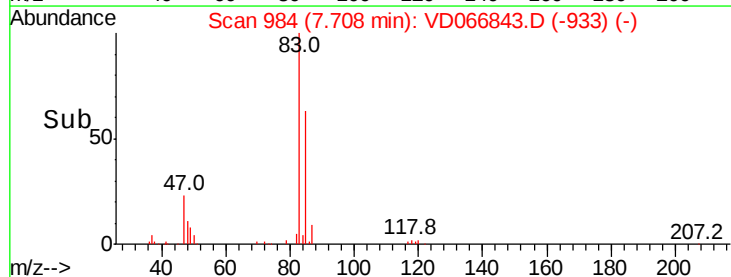
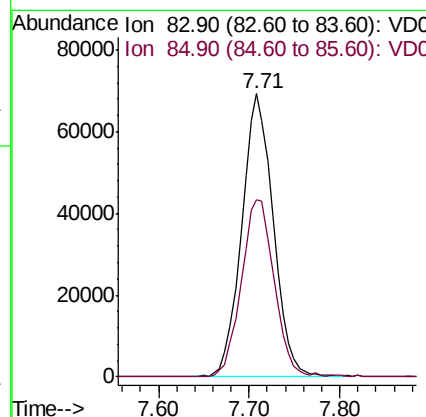
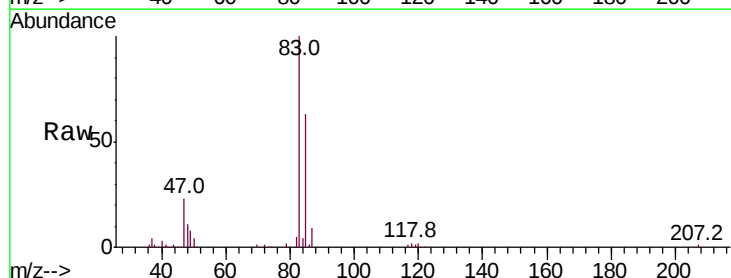
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBS01

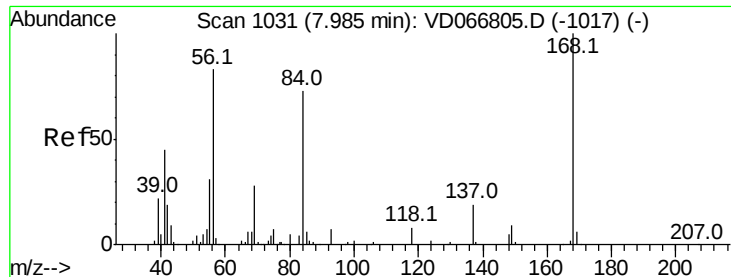
Tot Ion: 42 Resp: 59255
Ion Ratio Lower Upper
42 100
72 44.6 36.2 54.4
71 38.7 32.4 48.6



#30
Chloroform
Concen: 19.305 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion: 83 Resp: 167154
Ion Ratio Lower Upper
83 100
85 62.8 50.6 75.8

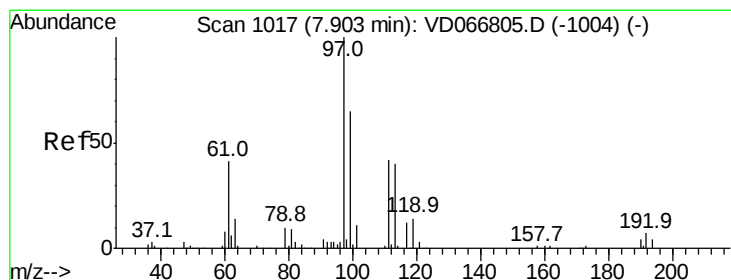
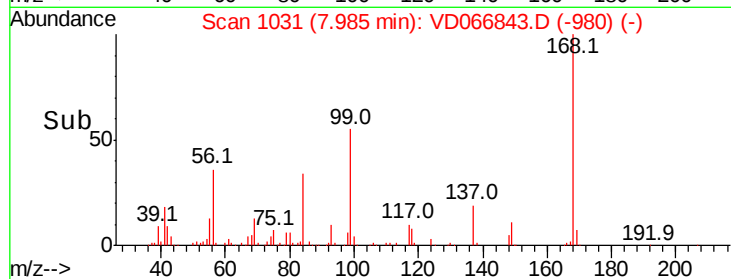
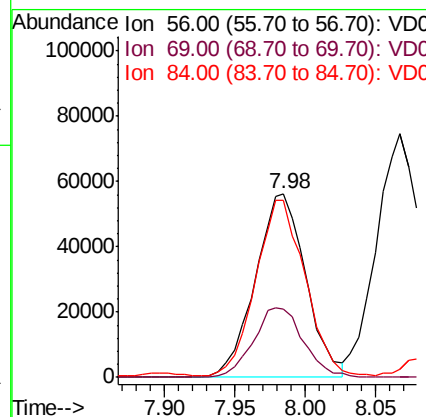
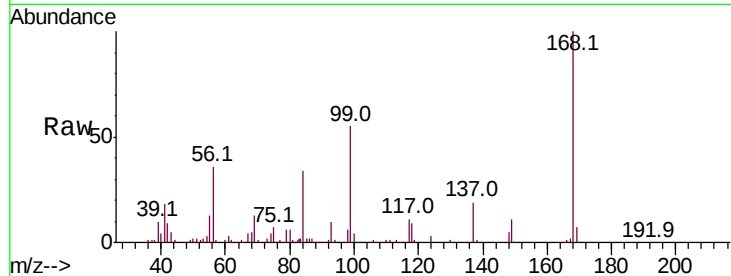




#31
Cyclohexane
Concen: 19.475 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

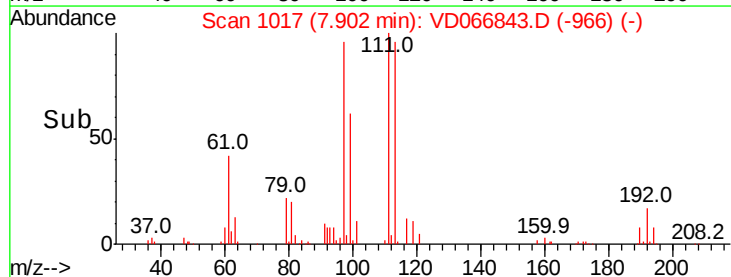
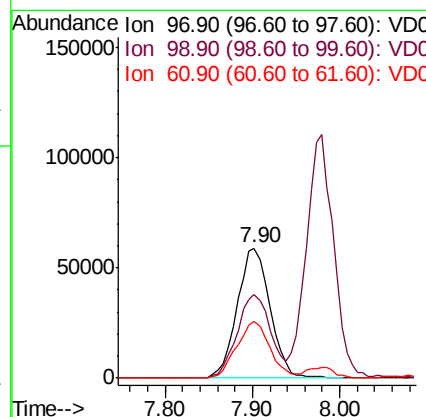
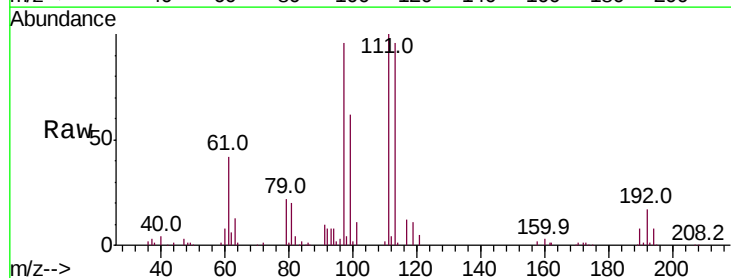
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

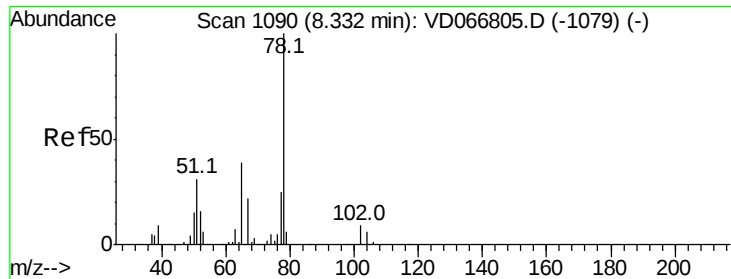
Tot Ion: 56 Resp: 140762
Ion Ratio Lower Upper
56 100
69 37.3 27.0 40.4
84 95.2 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 19.218 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion: 97 Resp: 150527
Ion Ratio Lower Upper
97 100
99 66.0 51.5 77.3
61 44.0 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 45.151 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

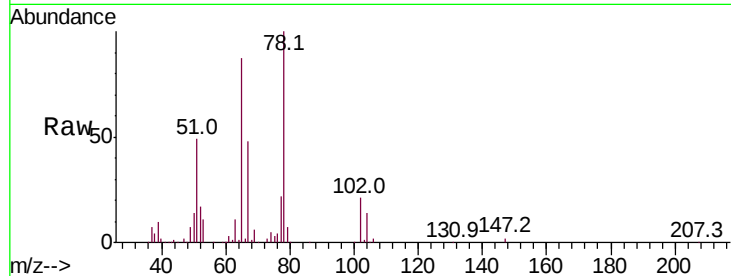
VD0924SBSD01

Tot Ion: 65 Resp: 179479

Ion Ratio Lower Upper

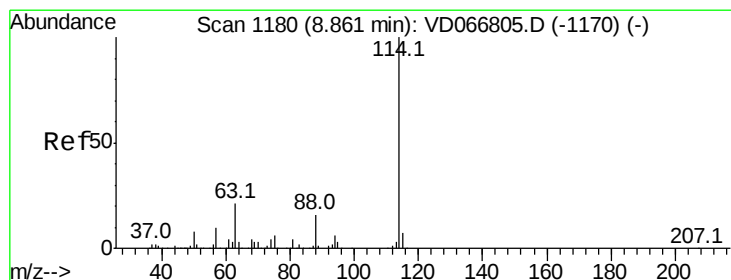
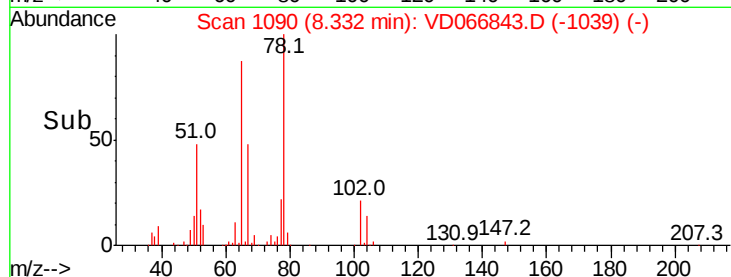
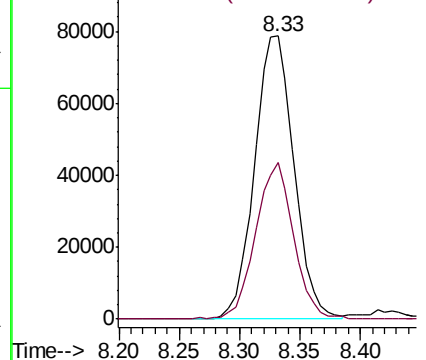
65 100

67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

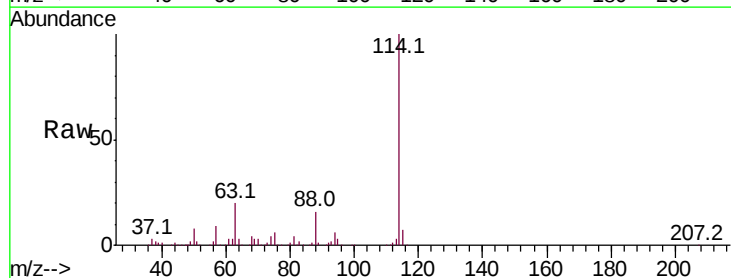
Tgt Ion: 114 Resp: 639680

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

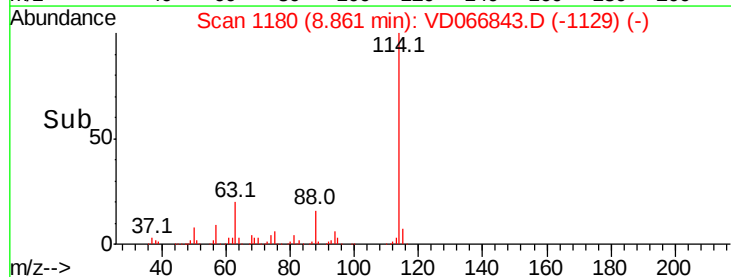
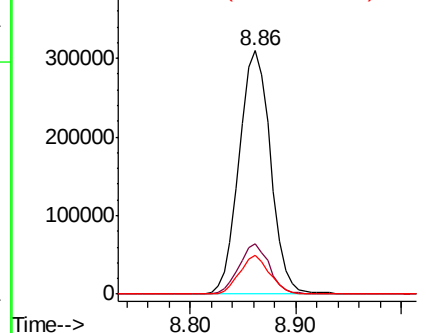
88 15.9 0.0 32.6

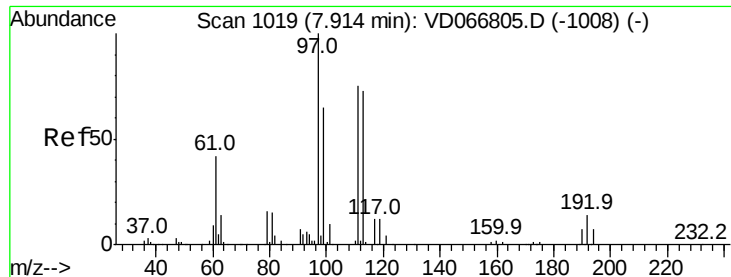


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

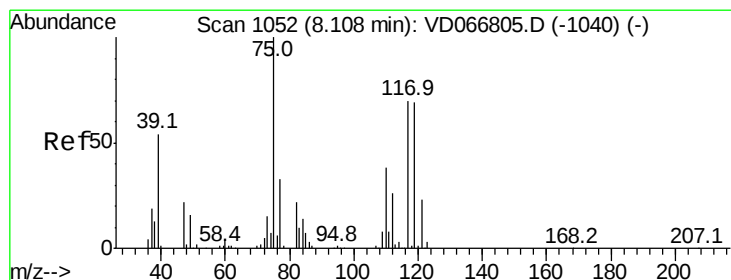
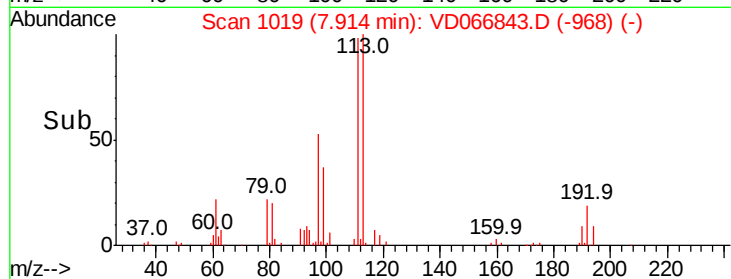
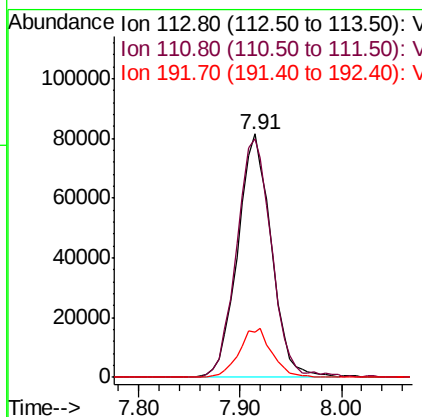
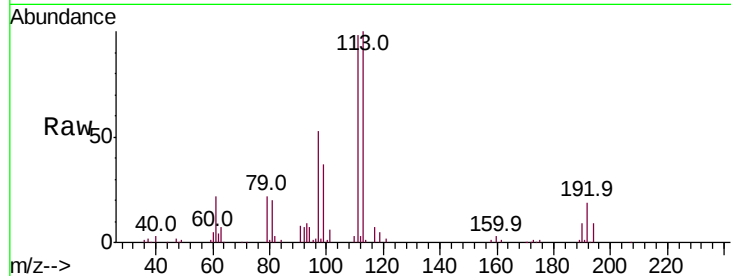




#35
 Dibromofluoromethane
 Concen: 46.092 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066843.D
 Acq: 24 Sep 2020 11:35

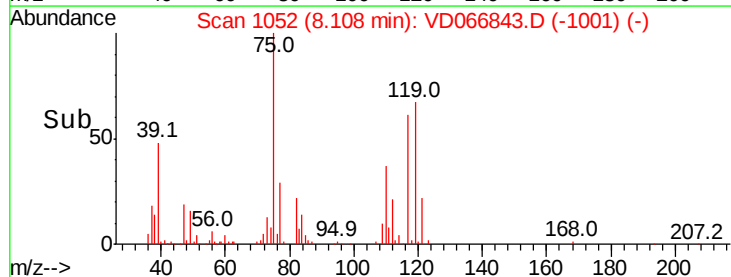
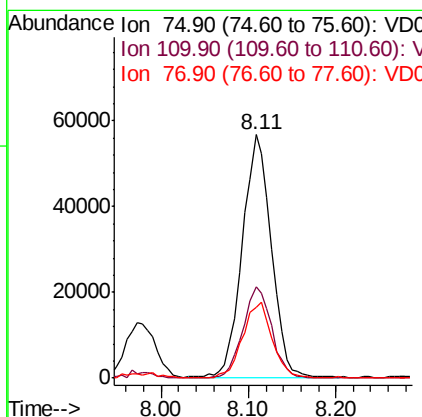
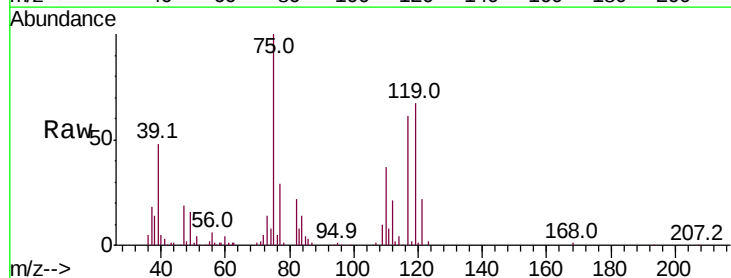
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0924SBSD01

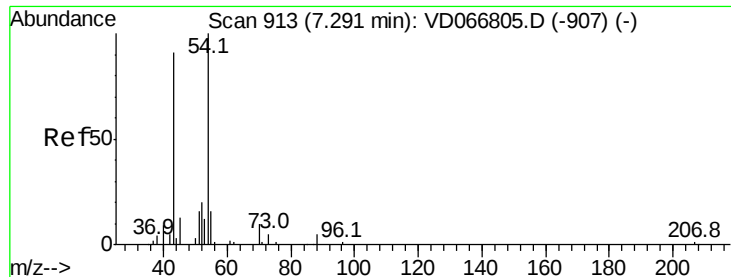
Tot Ion:113 Resp: 187579
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.8
 192 19.5 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 20.132 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066843.D
 Acq: 24 Sep 2020 11:35

Tgt Ion: 75 Resp: 127758
 Ion Ratio Lower Upper
 75 100
 110 36.7 17.9 53.8
 77 31.6 25.0 37.6

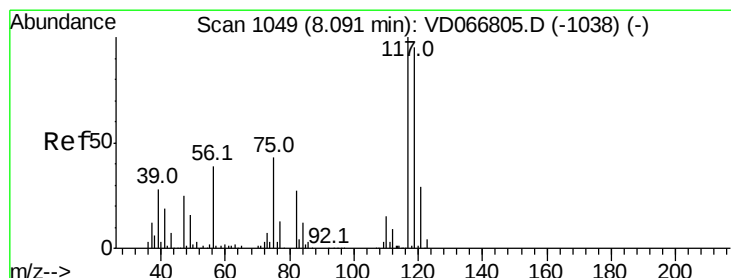
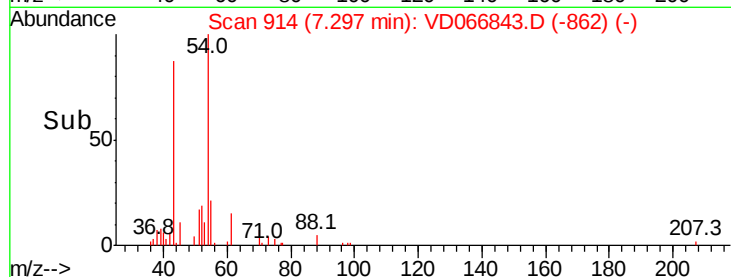
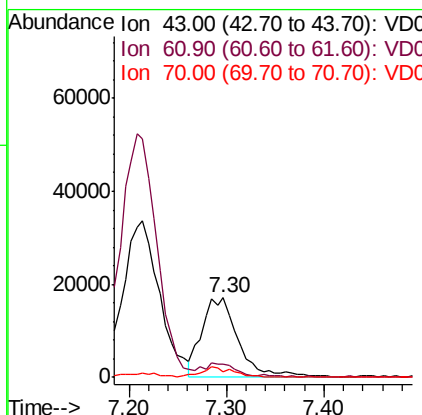
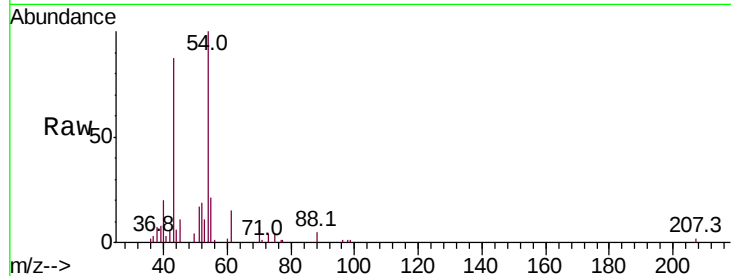




#37
Ethyl Acetate
Concen: 19.313 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

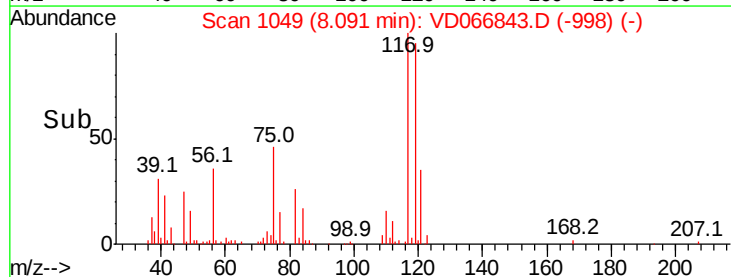
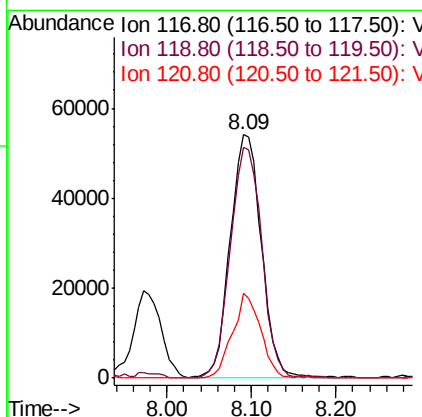
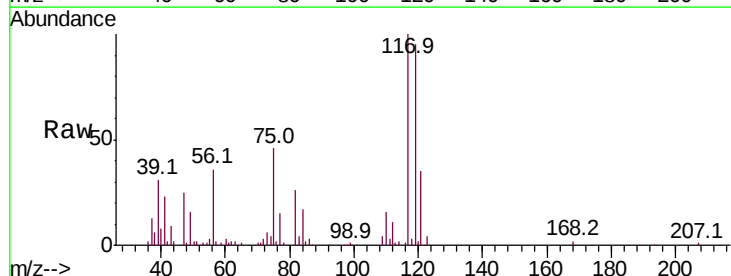
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBS01

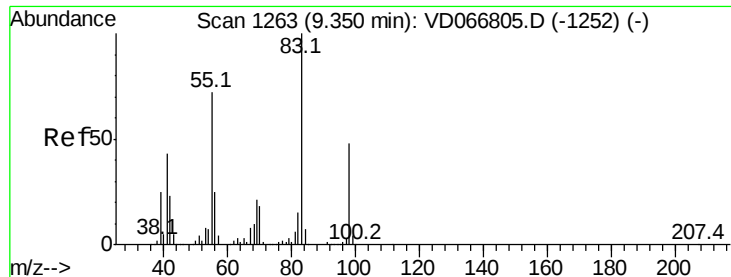
Tot Ion: 43 Resp: 44308
Ion Ratio Lower Upper
43 100
61 17.0 9.8 14.8#
70 11.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.932 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion: 117 Resp: 138292
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
121 35.1 23.4 35.0#

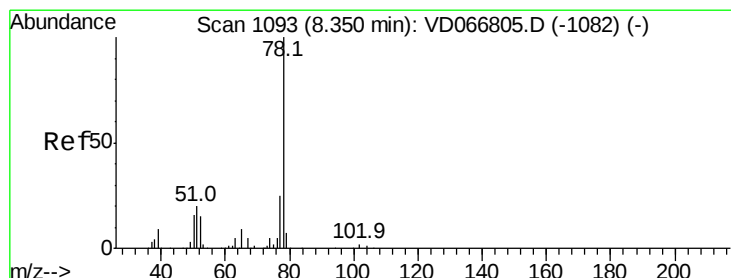
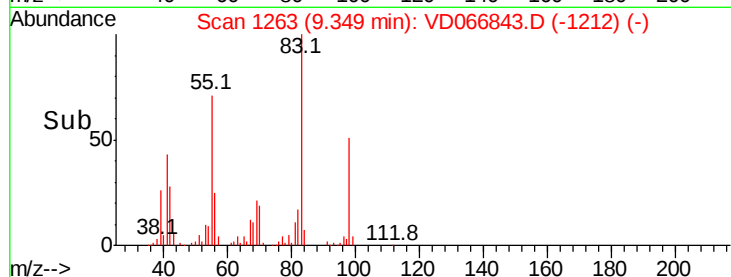
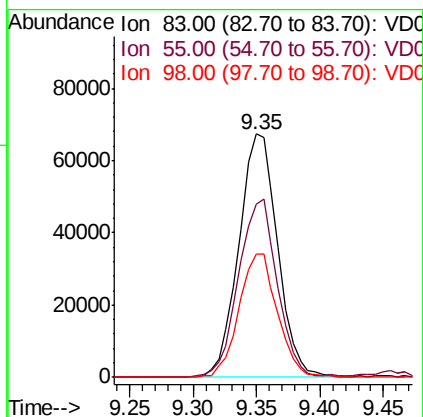
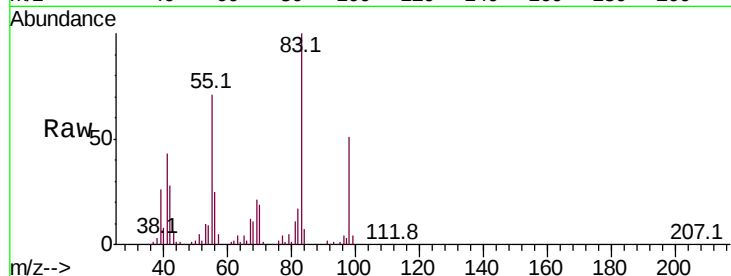




#39
Methvlcvclohexane
Concen: 19.718 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

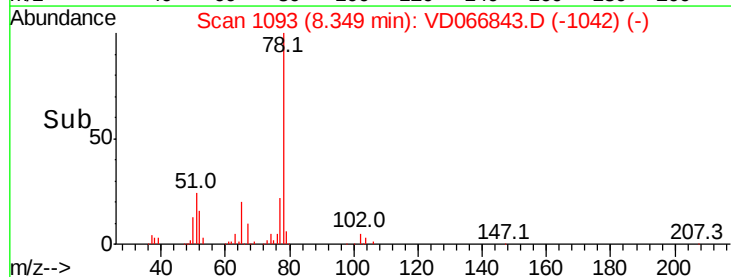
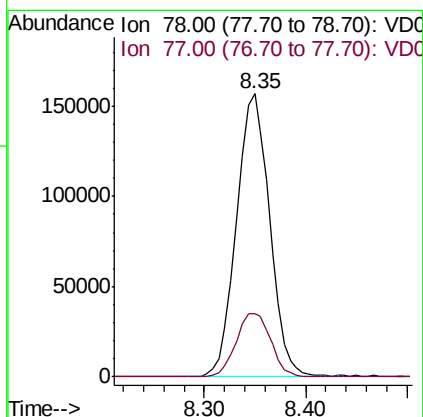
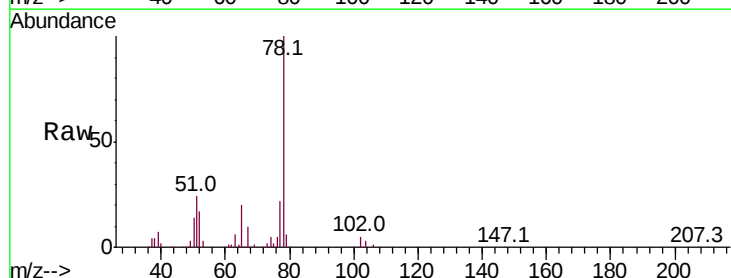
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

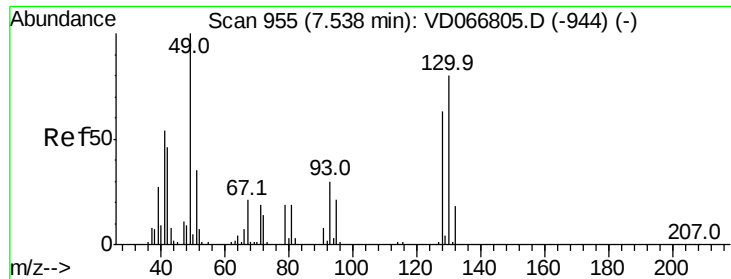
Tot Ion: 83 Resp: 143668
Ion Ratio Lower Upper
83 100
55 70.7 57.7 86.5
98 50.6 38.4 57.6



#40
Benzene
Concen: 20.172 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion: 78 Resp: 356782
Ion Ratio Lower Upper
78 100
77 22.2 19.9 29.9

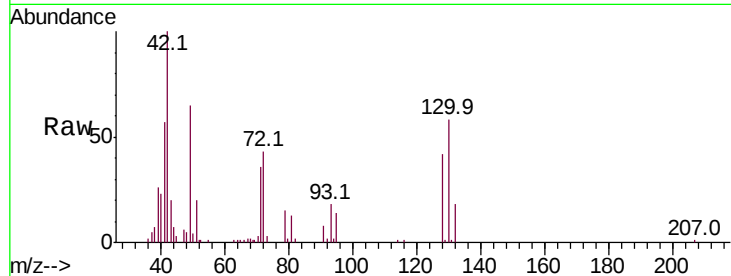




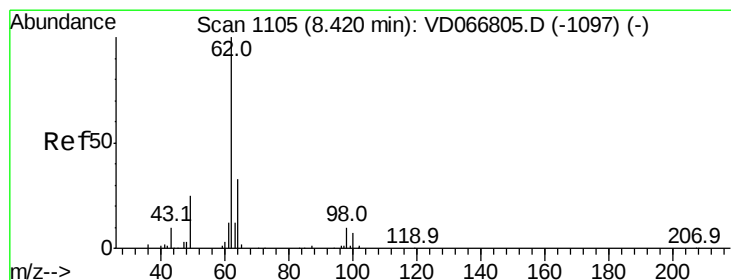
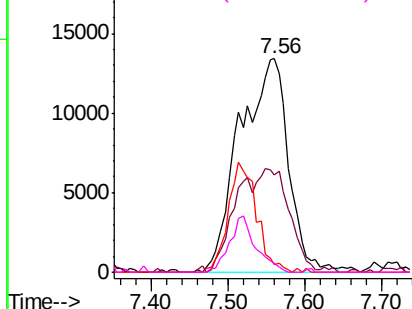
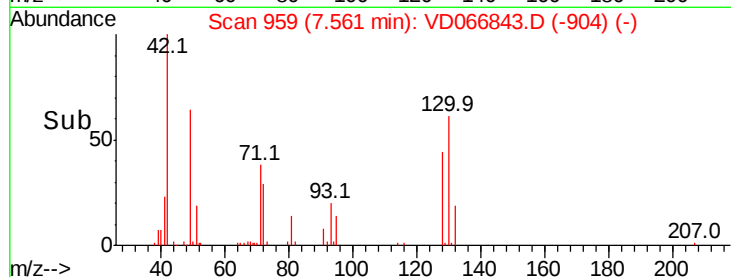
#41
Methacrylonitrile
Concen: 41.754 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.02 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

Tot Ion: 41 Resp: 58909
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

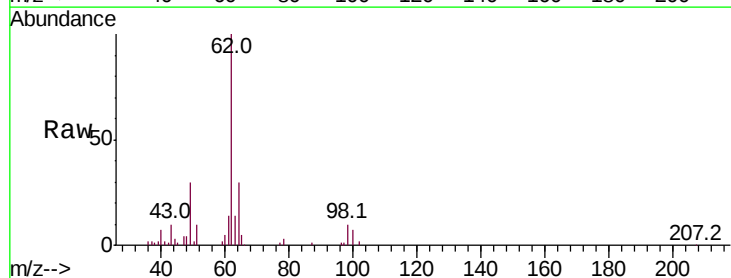


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

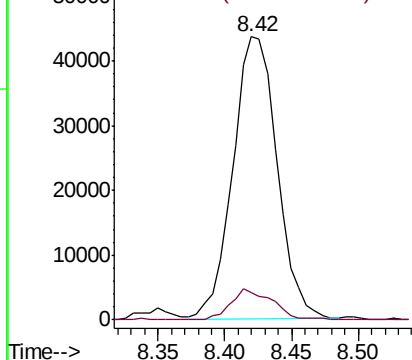
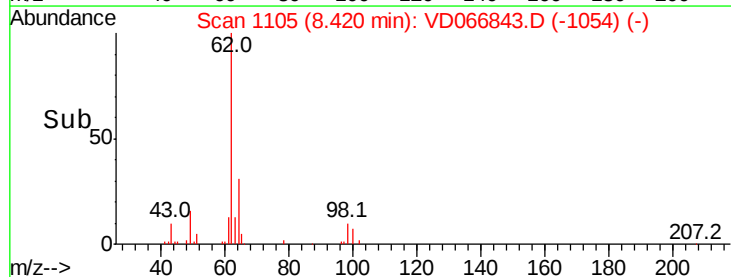


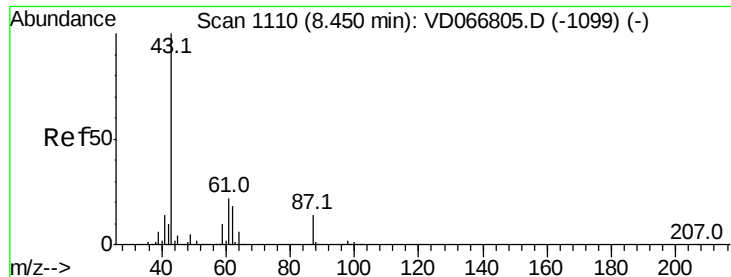
#42
1,2-Dichloroethane
Concen: 19.149 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion: 62 Resp: 100122
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 18.794 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0924SBS01

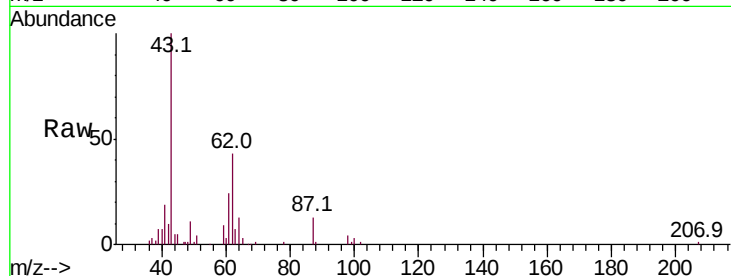
Tot Ion: 43 Resp: 83126

Ion Ratio Lower Upper

43 100

61 32.1 26.2 39.4

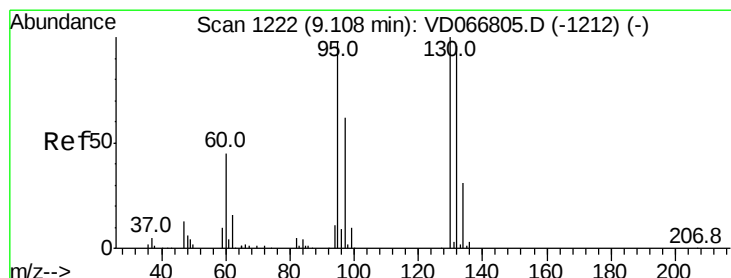
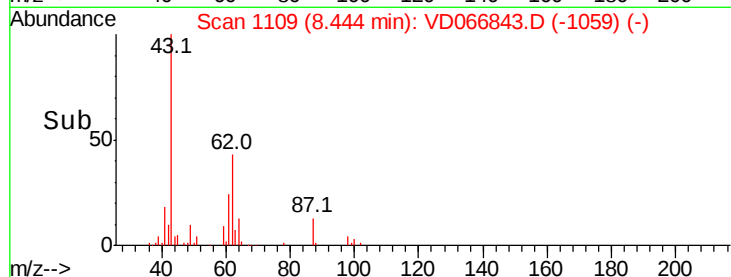
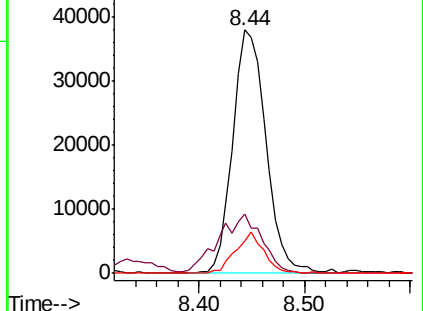
87 14.4 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.249 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066843.D

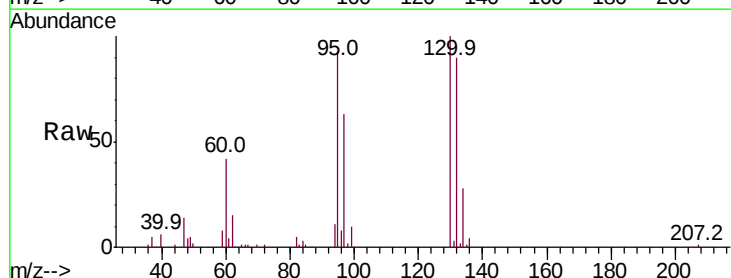
Acq: 24 Sep 2020 11:35

Tgt Ion: 130 Resp: 102079

Ion Ratio Lower Upper

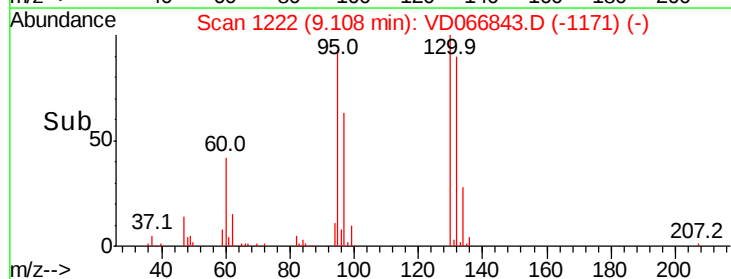
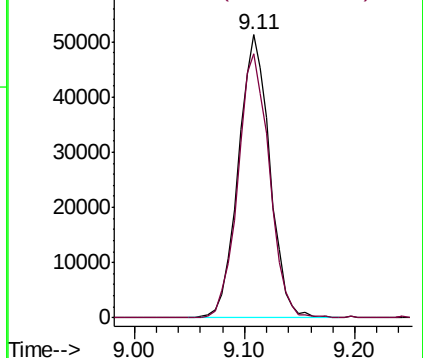
130 100

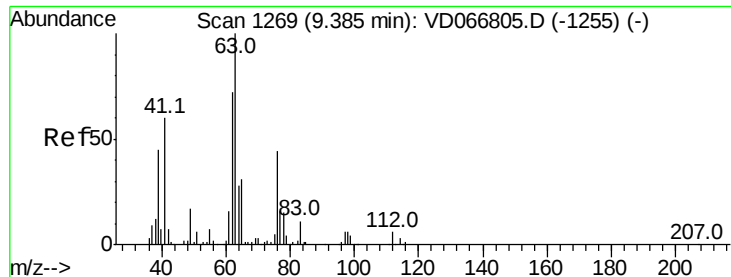
95 93.4 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.965 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

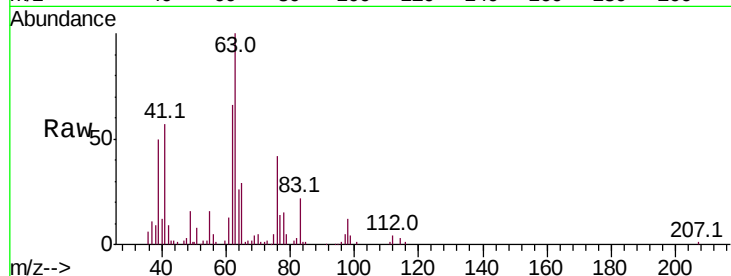
VD0924SBSD01

Tot Ion: 63 Resp: 88842

Ion Ratio Lower Upper

63 100

65 29.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.38

40000

30000

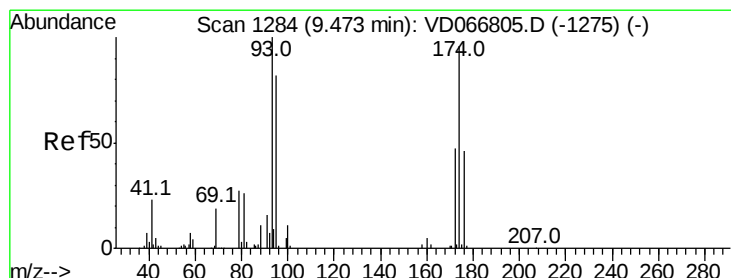
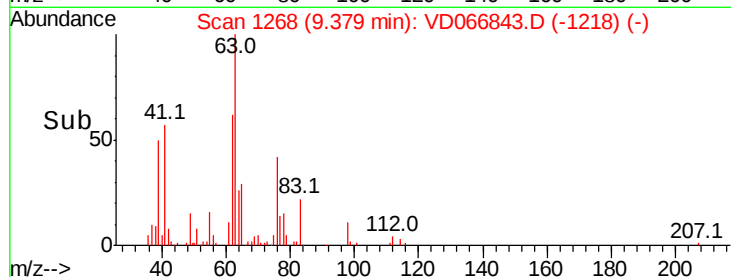
20000

10000

0

9.30 9.40 9.50

Time-->



#46

Dibromomethane

Concen: 19.848 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

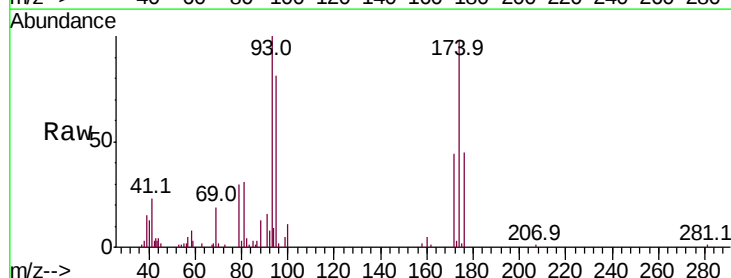
Tgt Ion: 93 Resp: 47989

Ion Ratio Lower Upper

93 100

95 85.4 65.3 97.9

174 99.2 75.4 113.2



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

9.47

30000

25000

20000

15000

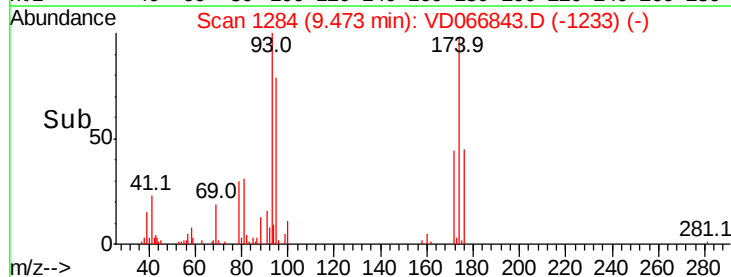
10000

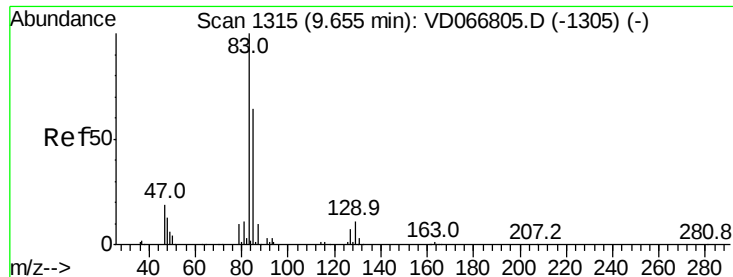
5000

0

9.40 9.45 9.50 9.55

Time-->





#47

Bromodichloromethane

Concen: 19.685 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0924SBSD01

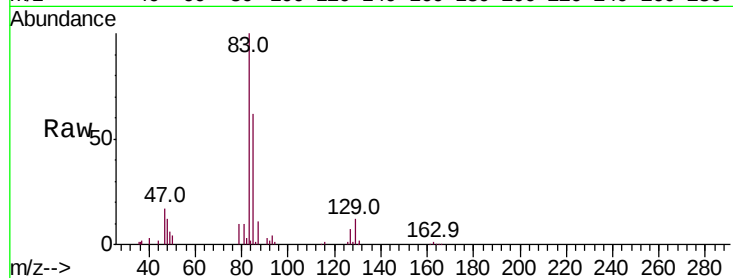
Tot Ion: 83 Resp: 127853

Ion Ratio Lower Upper

83 100

85 62.2 50.9 76.3

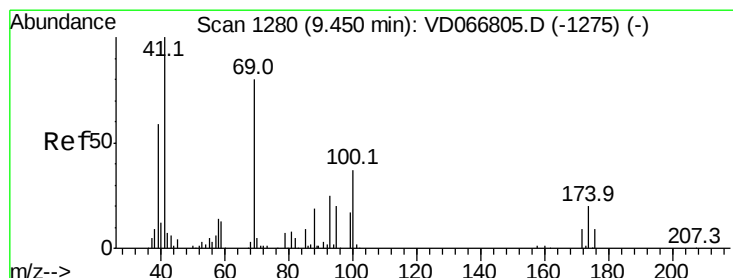
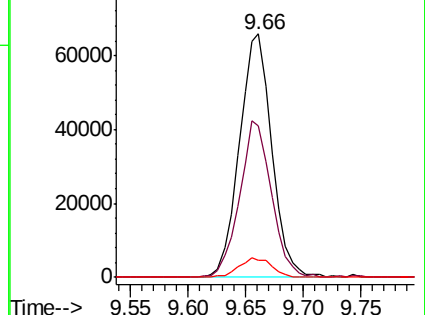
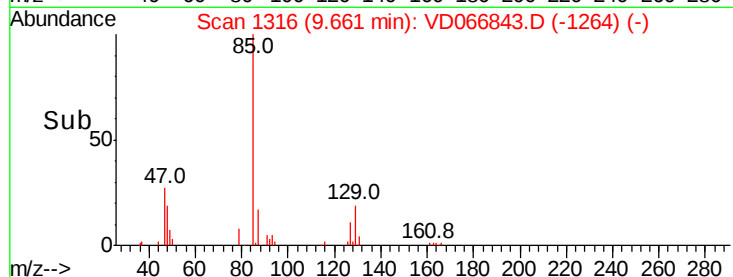
127 7.1 5.9 8.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 19.663 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

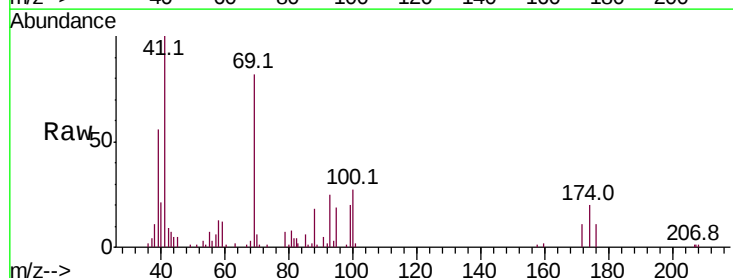
Tgt Ion: 41 Resp: 42881

Ion Ratio Lower Upper

41 100

69 85.9 74.5 111.7

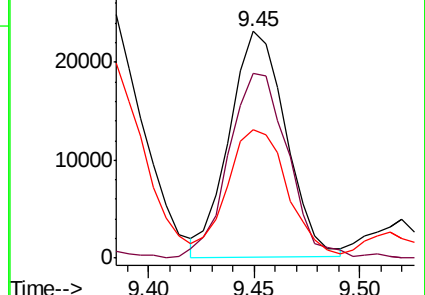
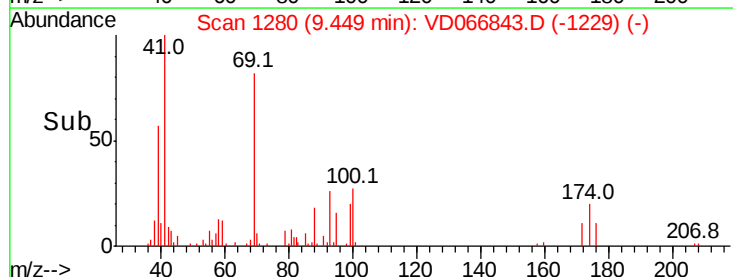
39 61.2 47.0 70.6

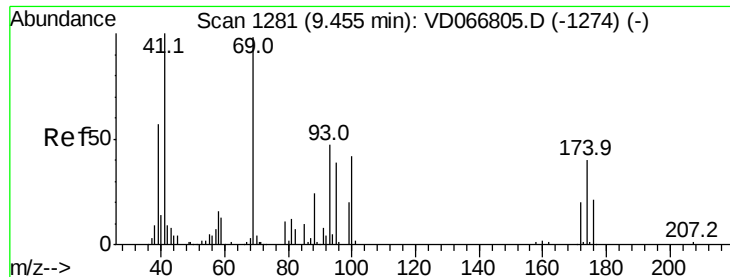


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 370.636 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0924SBS01

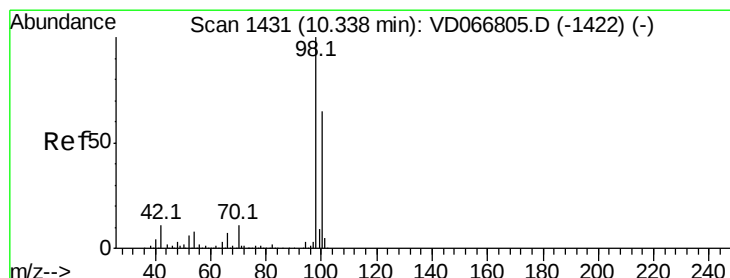
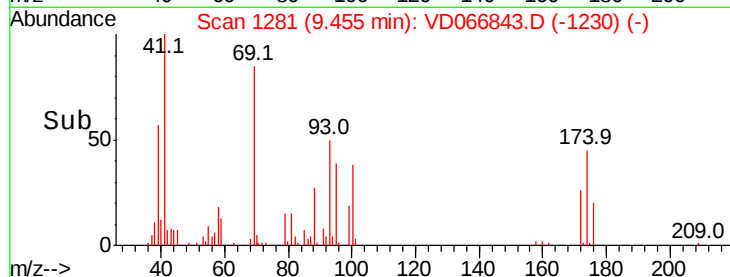
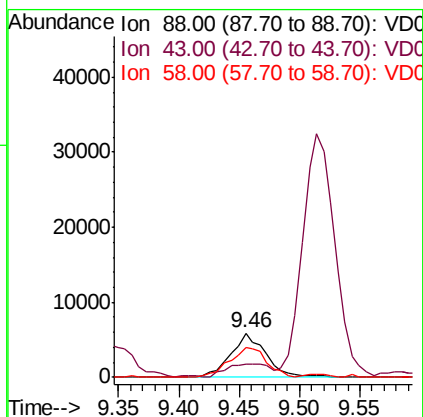
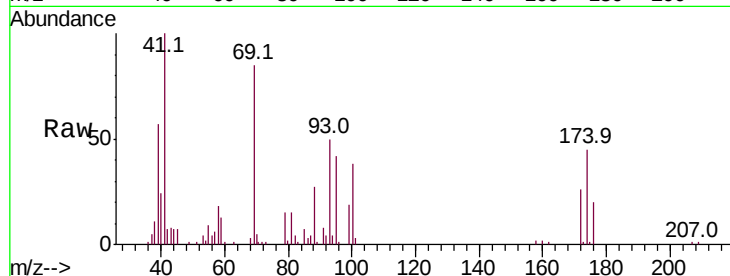
Tot Ion: 88 Resp: 11953

Ion Ratio Lower Upper

88 100

43 37.5 27.7 41.5

58 71.9 55.5 83.3



#50

Toluene-d8

Concen: 49.137 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066843.D

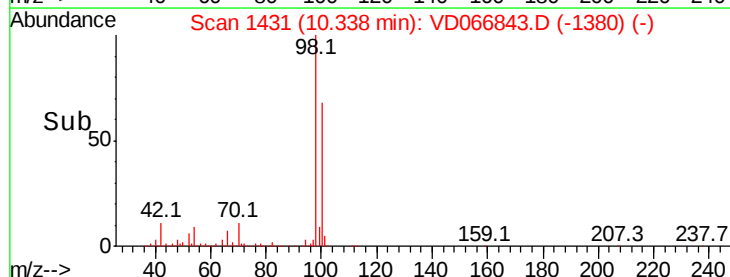
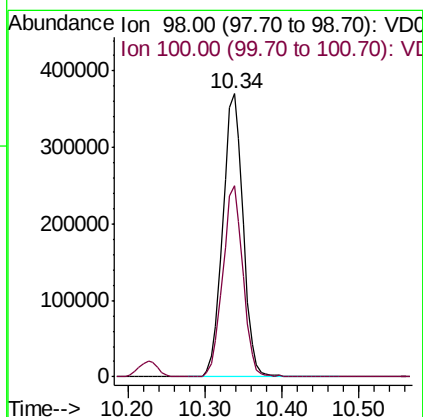
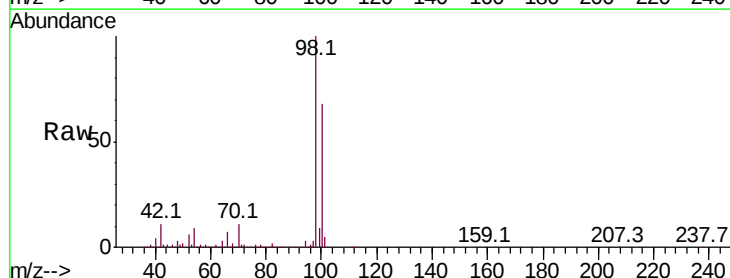
Acq: 24 Sep 2020 11:35

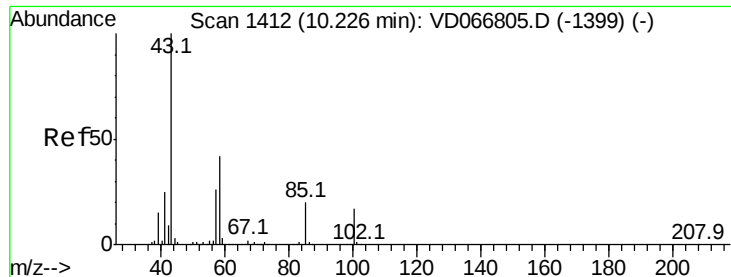
Tgt Ion: 98 Resp: 681334

Ion Ratio Lower Upper

98 100

100 66.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 93.946 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

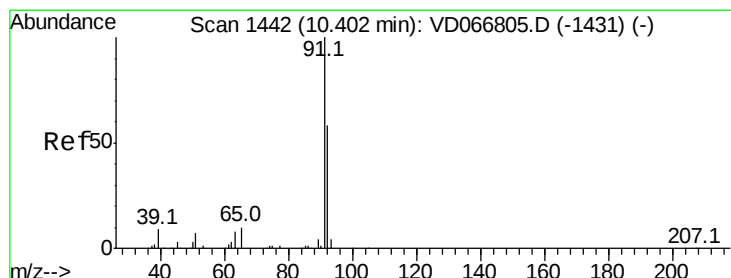
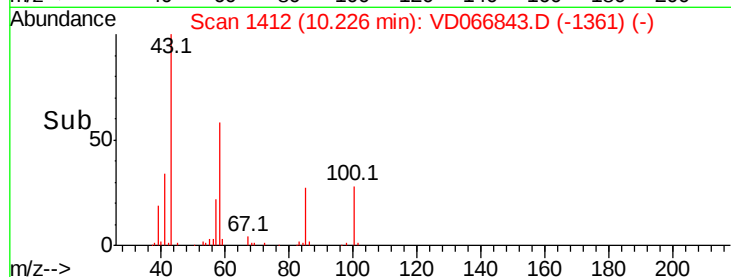
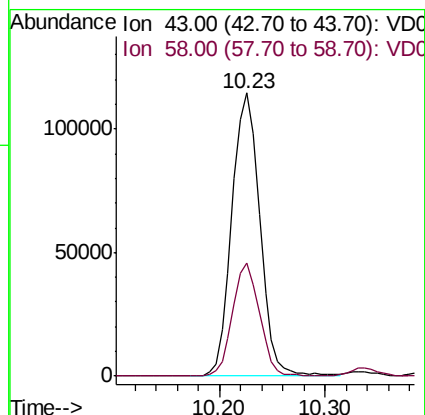
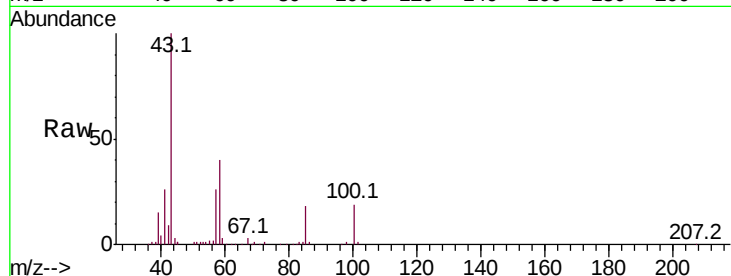
VD0924SBSD01

Tot Ion: 43 Resp: 210550

Ion Ratio Lower Upper

43 100

58 38.5 32.2 48.4



#52

Toluene

Concen: 20.573 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066843.D

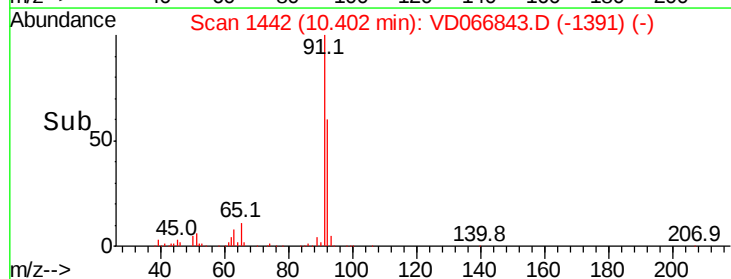
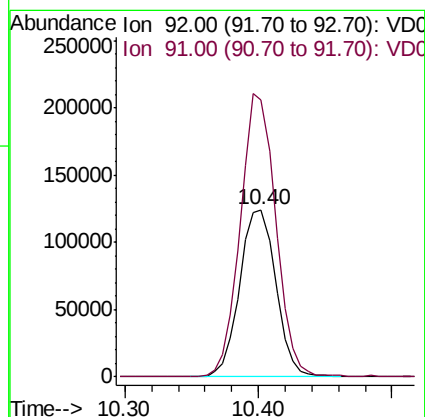
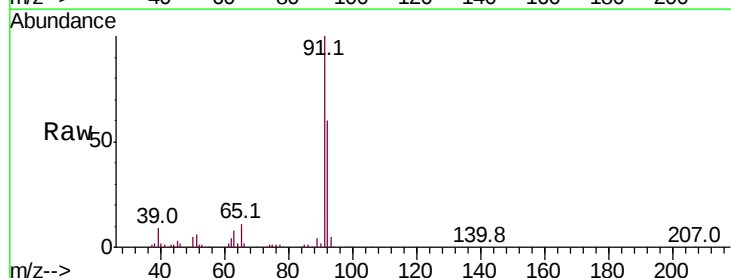
Acq: 24 Sep 2020 11:35

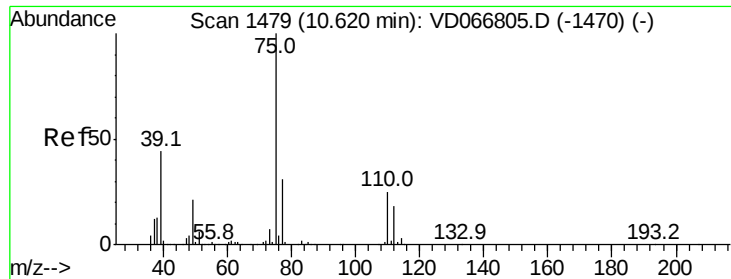
Tgt Ion: 92 Resp: 234384

Ion Ratio Lower Upper

92 100

91 165.7 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 19.373 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

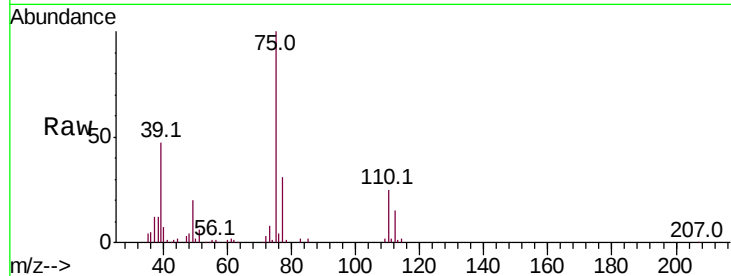
VD0924SBS01

Tot Ion: 75 Resp: 107093

Ion Ratio Lower Upper

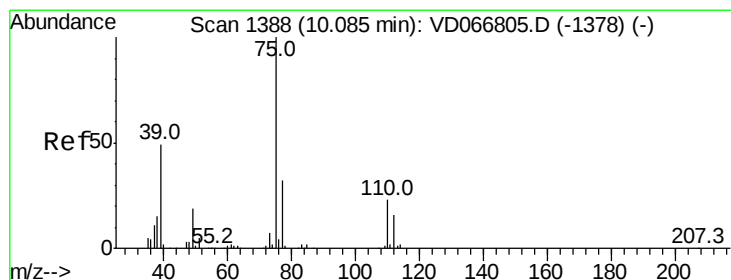
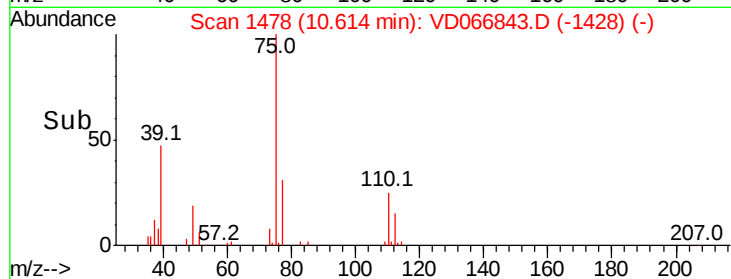
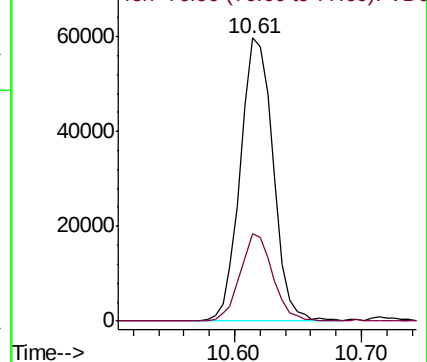
75 100

77 31.1 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 19.095 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

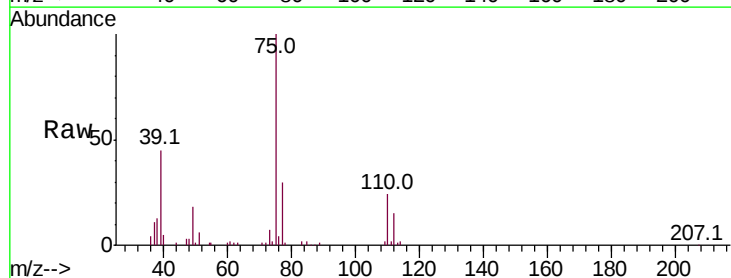
Tgt Ion: 75 Resp: 128710

Ion Ratio Lower Upper

75 100

77 29.6 25.6 38.4

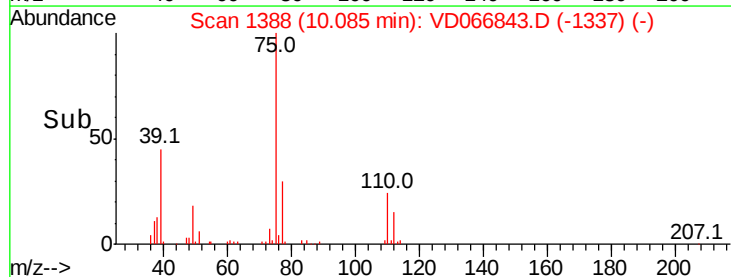
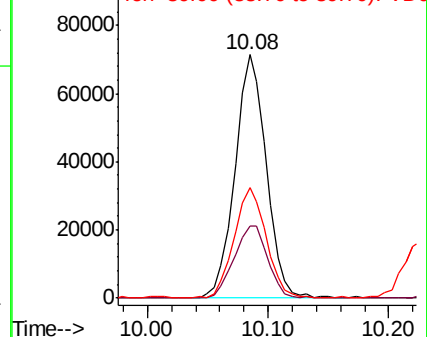
39 44.9 39.2 58.8

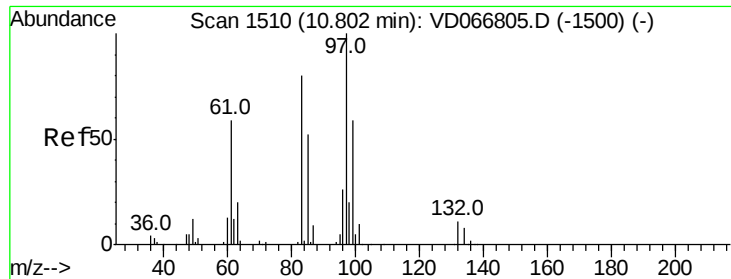


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC





#55

1,1,2-Trichloroethane

Concen: 19.301 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

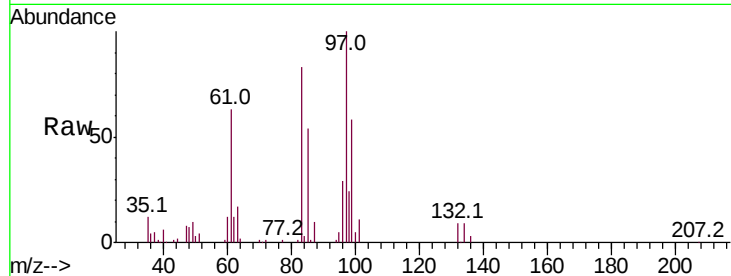
MSVOA_D

ClientSampleId :

VD0924SBSD01

Tot Ion: 97 Resp: 64153

Ion	Ratio	Lower	Upper
97	100		
83	82.5	64.2	96.2
85	53.7	41.9	62.9
99	57.7	47.5	71.3

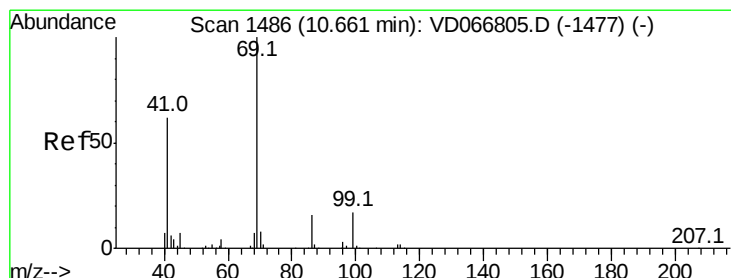
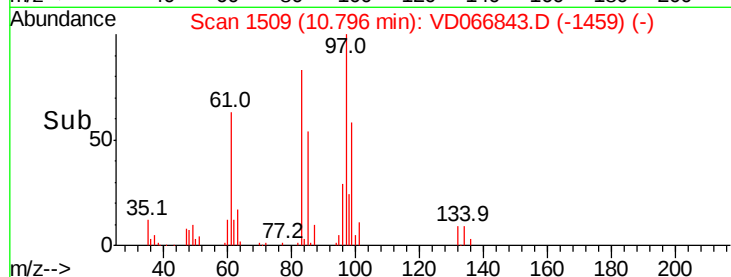


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 18.059 ug/l

RT: 10.66 min Scan# 1485

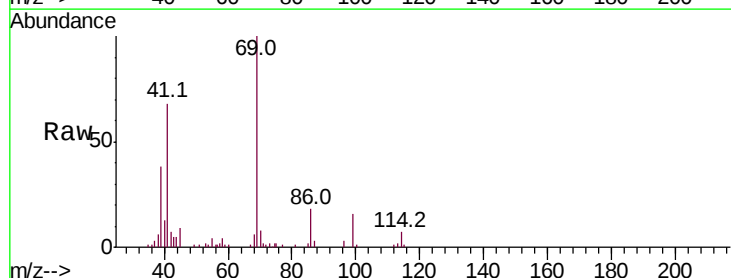
Delta R.T. -0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Tgt Ion: 69 Resp: 64304

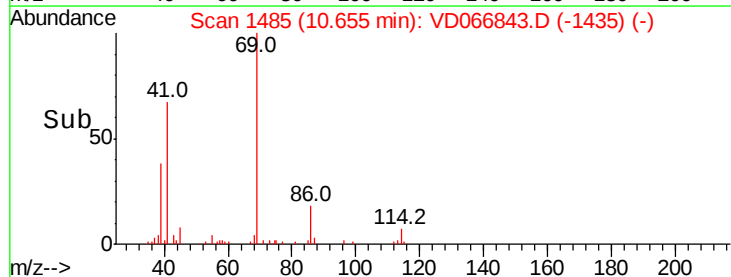
Ion	Ratio	Lower	Upper
69	100		
41	73.1	52.2	78.2
39	32.4	26.6	40.0

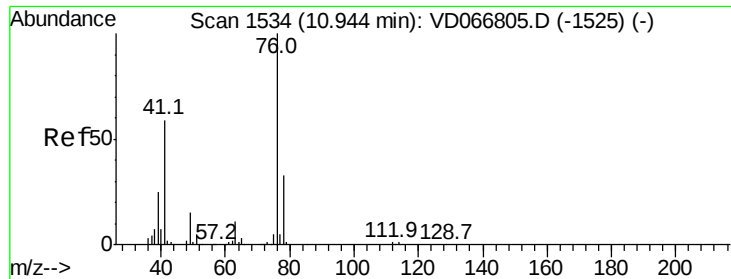


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 19.994 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

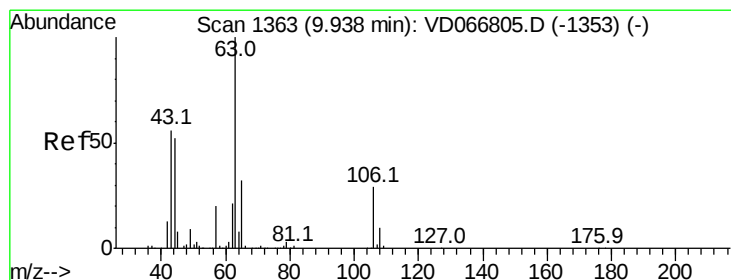
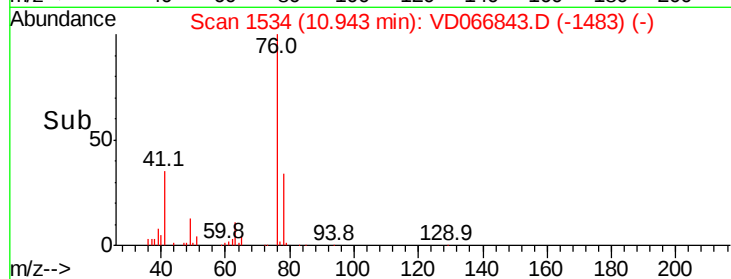
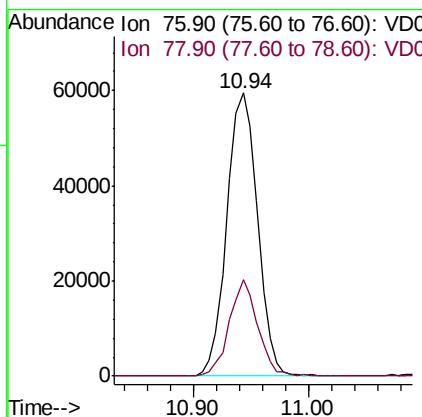
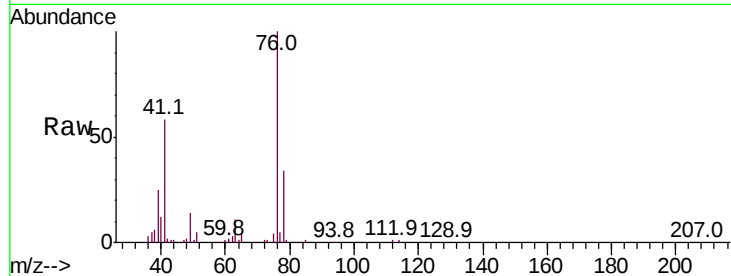
Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

Tot Ion: 76 Resp: 109736

Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.3	39.5



#58

2-Chloroethyl Vinyl ether

Concen: 110.843 ug/l

RT: 9.94 min Scan# 1363

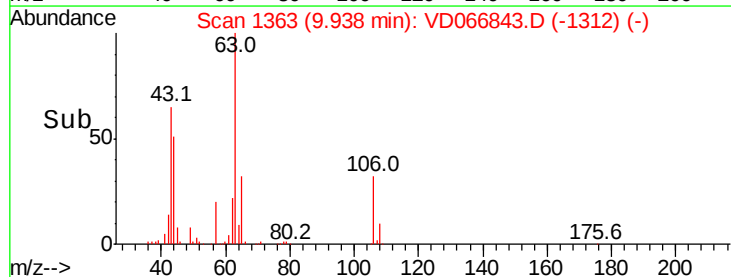
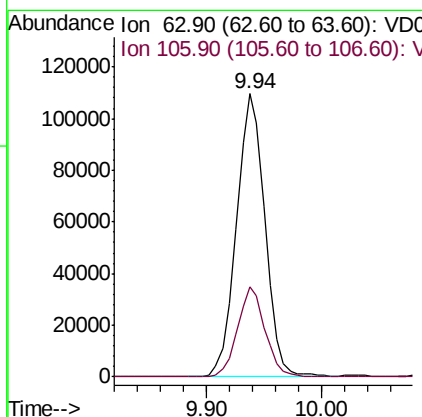
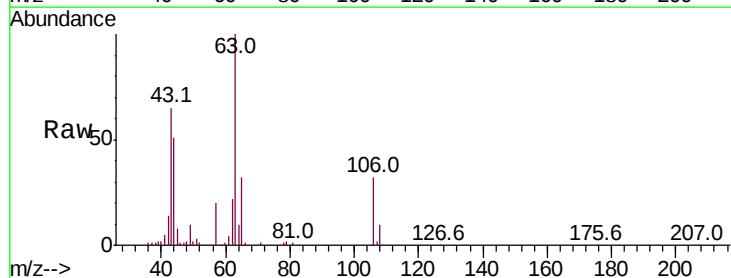
Delta R.T. -0.00 min

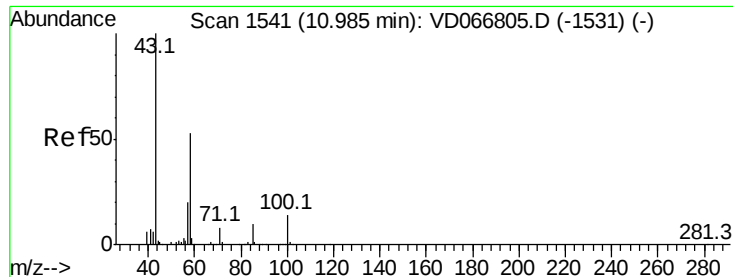
Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Tgt Ion: 63 Resp: 186877

Ion	Ratio	Lower	Upper
63	100		
106	30.7	23.8	35.6

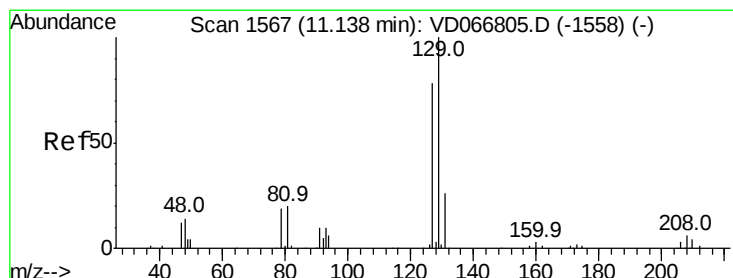
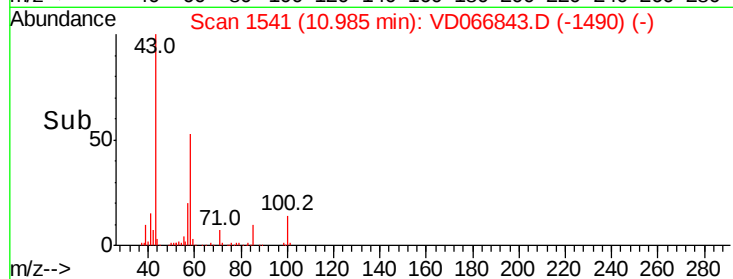
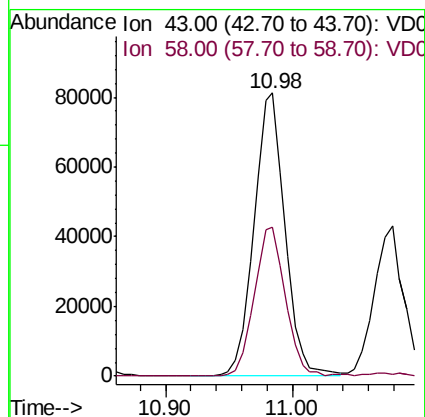
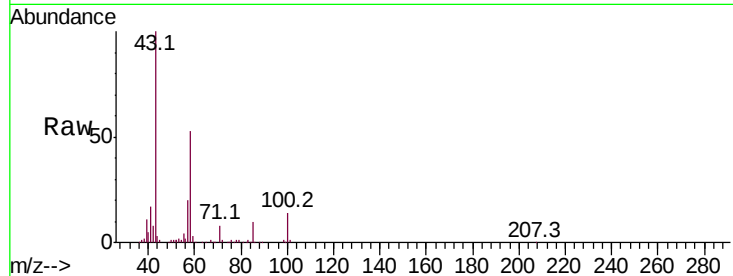




#59
2-Hexanone
Concen: 91.445 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

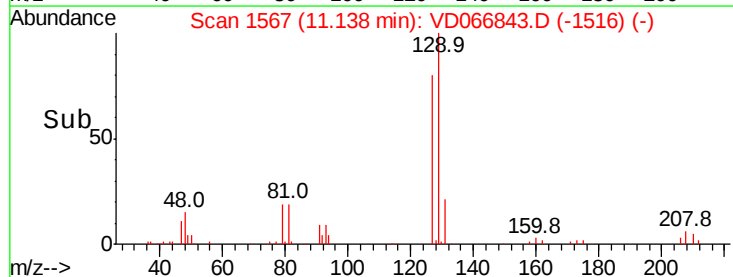
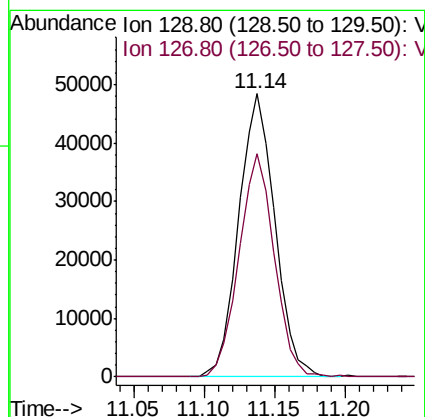
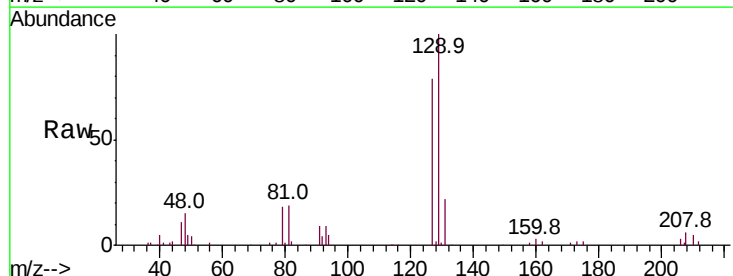
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

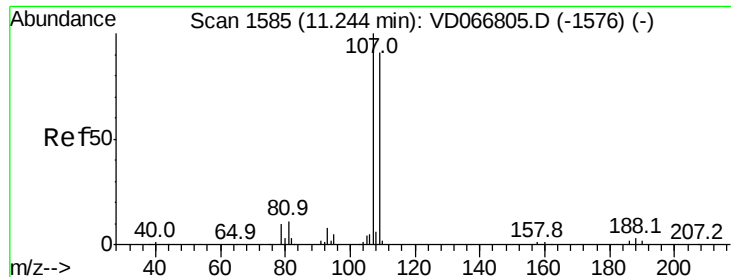
Tot Ion: 43 Resp: 138210
Ion Ratio Lower Upper
43 100
58 53.2 27.0 80.8



#60
Dibromochloromethane
Concen: 20.009 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion: 129 Resp: 86796
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0

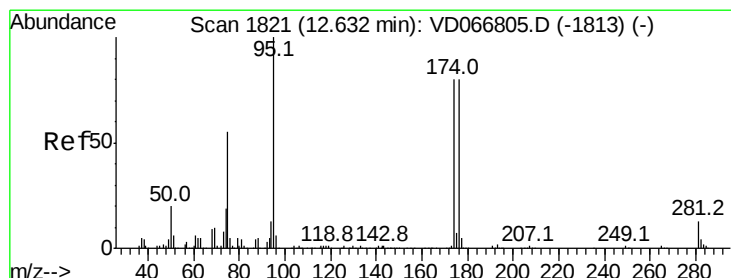
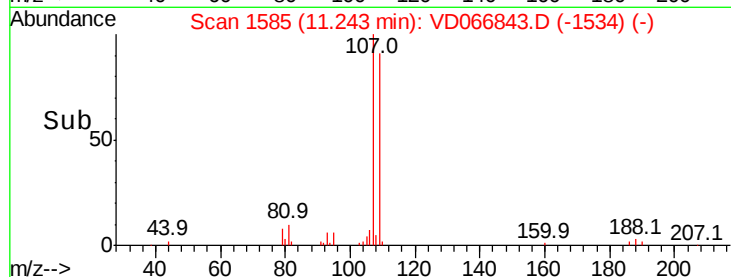
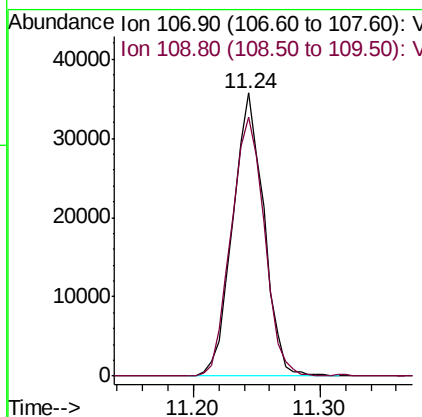
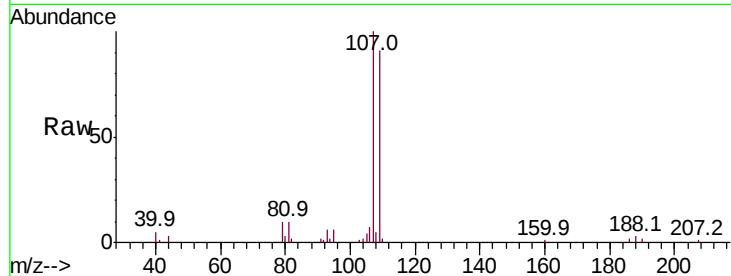




#61
 1,2-Dibromoethane
 Concen: 19.617 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066843.D
 Acq: 24 Sep 2020 11:35

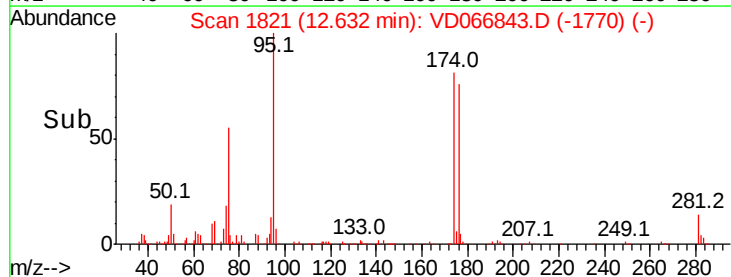
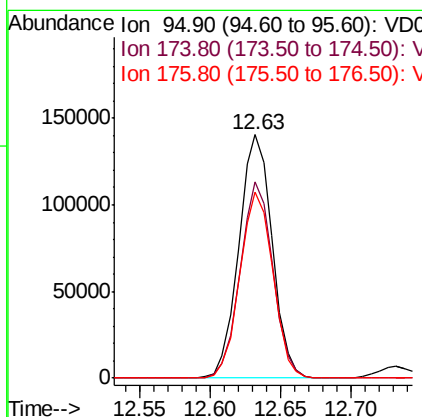
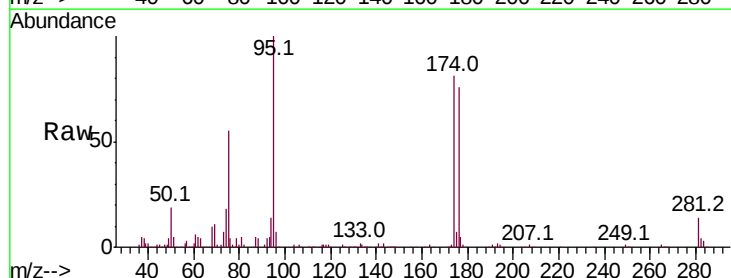
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0924SBSD01

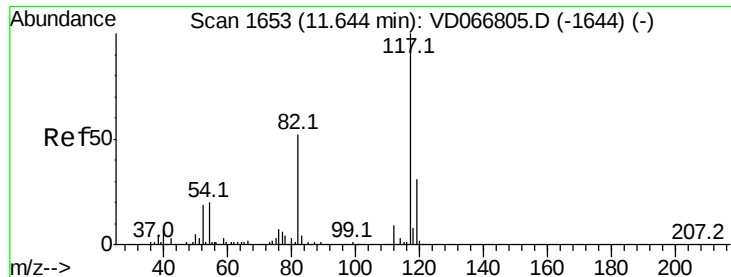
Tot Ion:107 Resp: 60646
 Ion Ratio Lower Upper
 107 100
 109 97.7 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 48.817 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066843.D
 Acq: 24 Sep 2020 11:35

Tgt Ion: 95 Resp: 231727
 Ion Ratio Lower Upper
 95 100
 174 79.1 0.0 159.8
 176 76.1 0.0 154.4

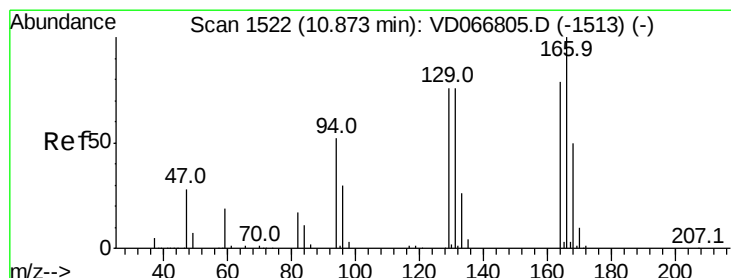
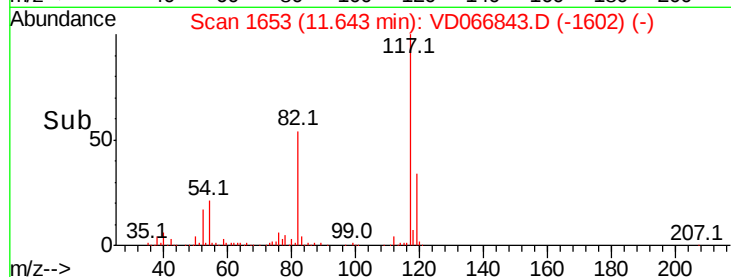
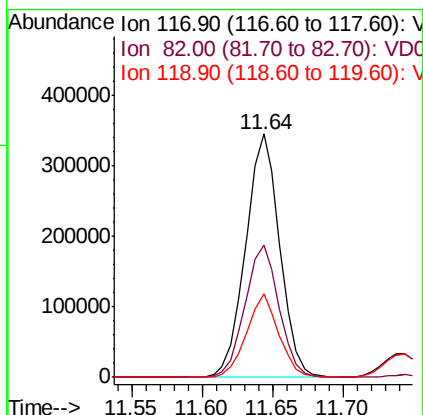
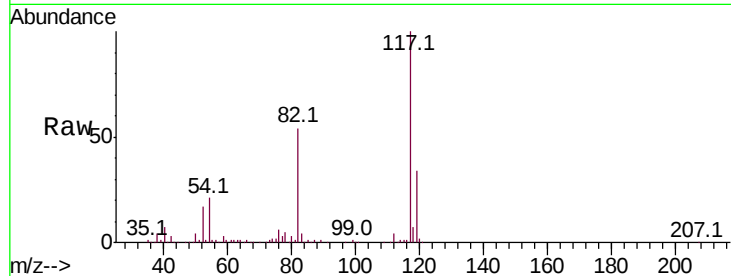




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

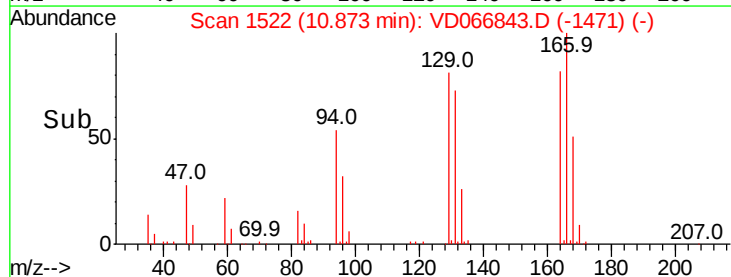
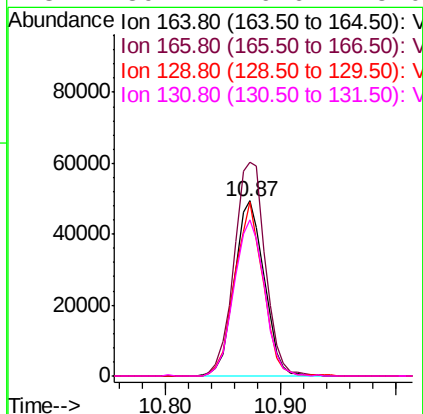
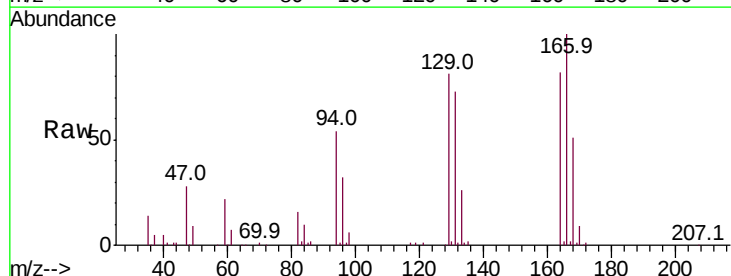
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

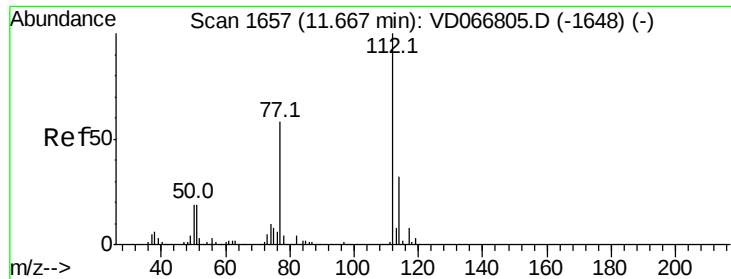
Tot Ion:117 Resp: 583375
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.6
119 34.1 24.6 37.0



#64
Tetrachloroethene
Concen: 21.142 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion:164 Resp: 88717
Ion Ratio Lower Upper
164 100
166 122.1 101.1 151.7
129 99.3 77.0 115.4
131 89.1 76.6 115.0

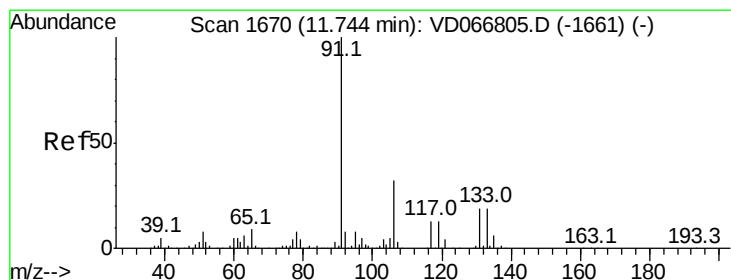
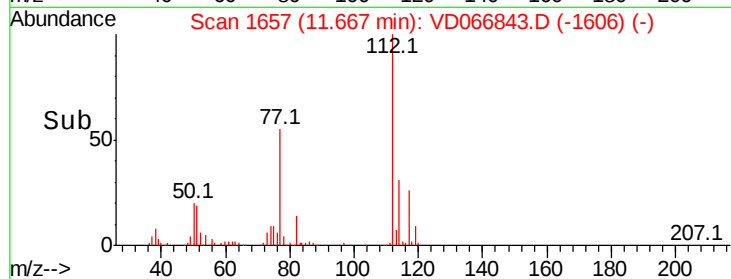
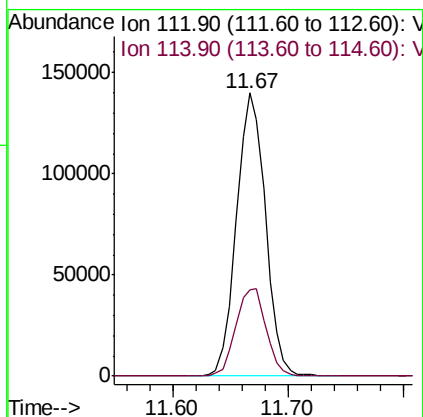
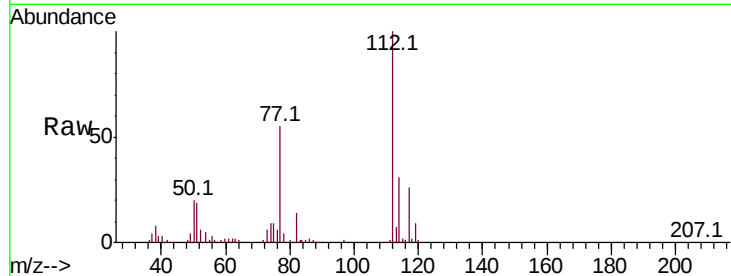




#65
Chlorobenzene
Concen: 19.970 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

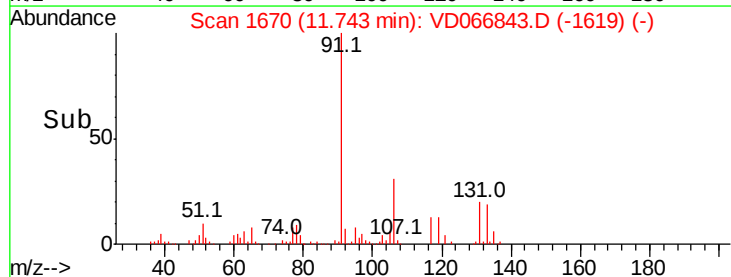
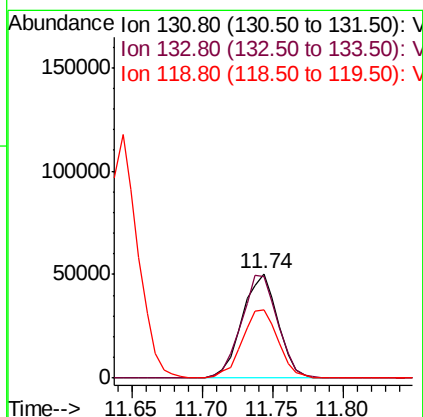
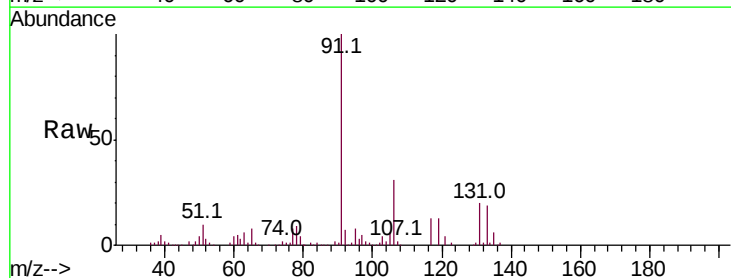
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

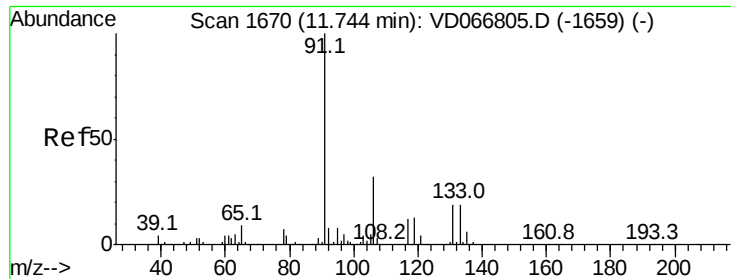
Tot Ion:112 Resp: 242506
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.519 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion:131 Resp: 89709
Ion Ratio Lower Upper
131 100
133 99.5 46.7 140.1
119 65.9 32.3 96.9

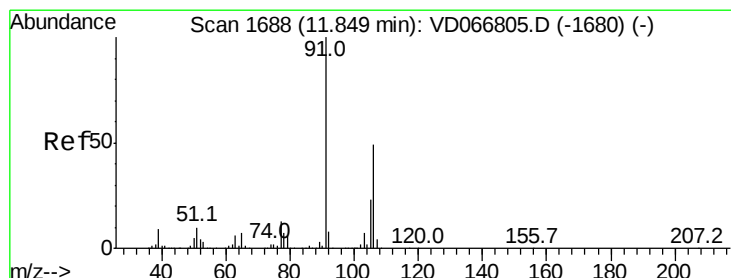
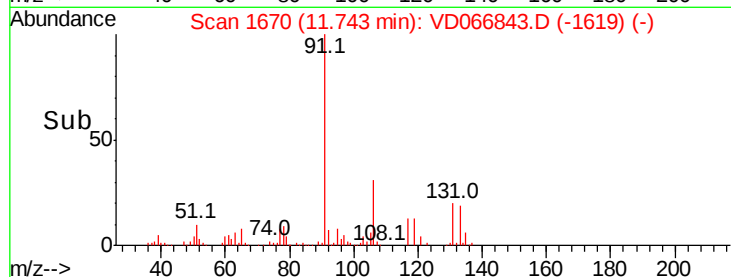
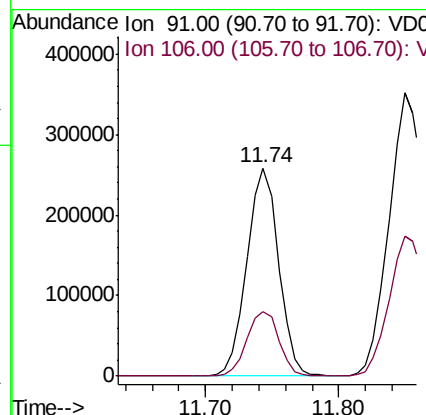
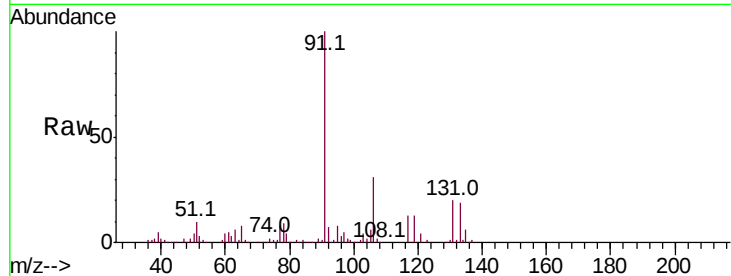




#67
Ethyl Benzene
Concen: 19.885 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

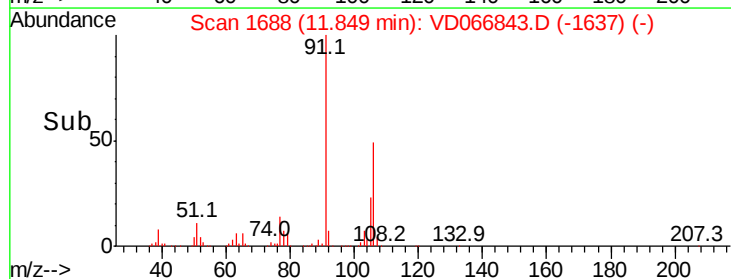
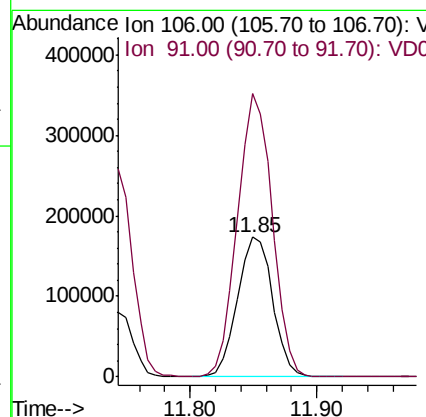
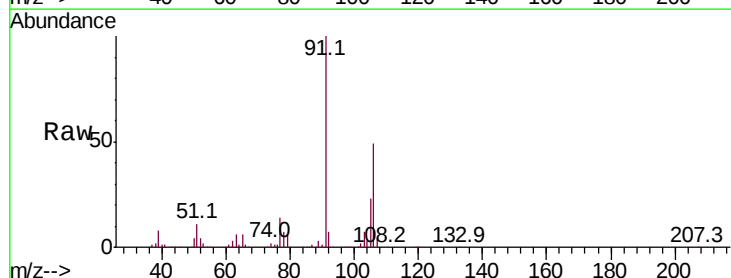
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBS01

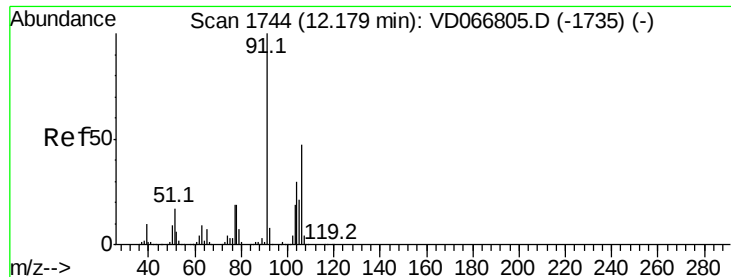
Tot Ion: 91 Resp: 424102
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4



#68
m/p-Xylenes
Concen: 41.497 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion: 106 Resp: 335080
Ion Ratio Lower Upper
106 100
91 200.1 160.7 241.1

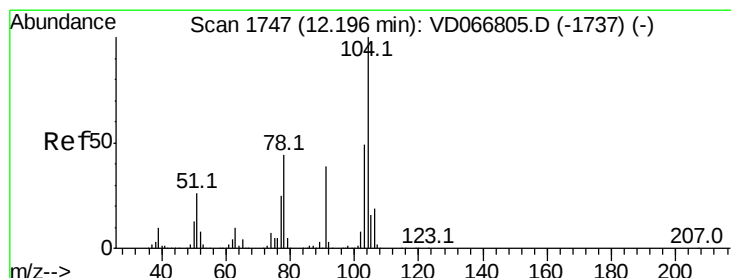
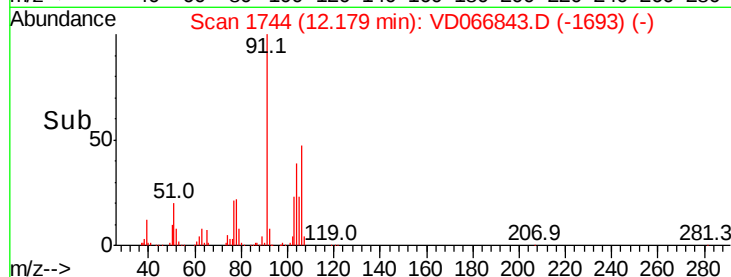
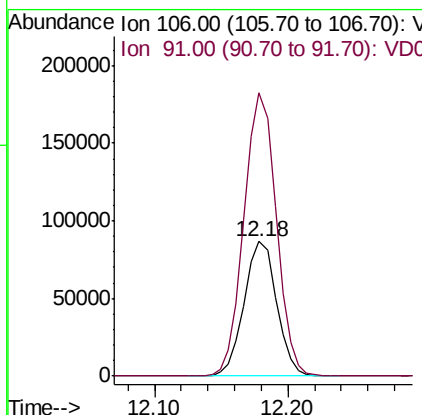
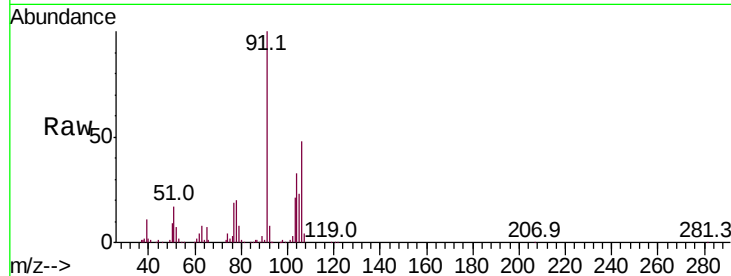




#69
o-Xylene
Concen: 20.027 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

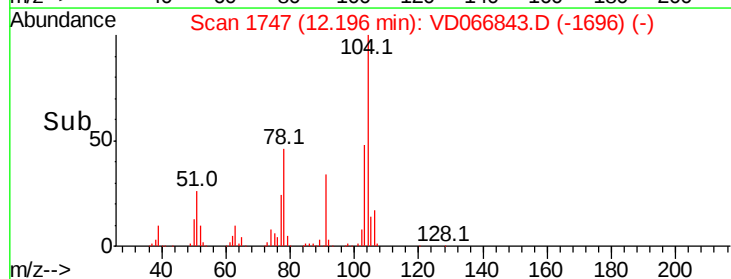
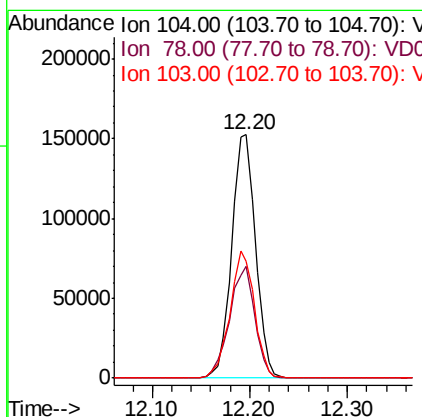
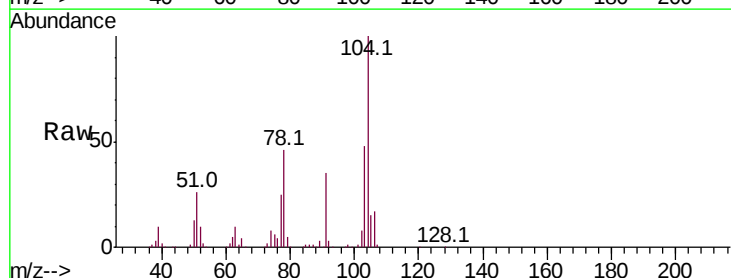
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

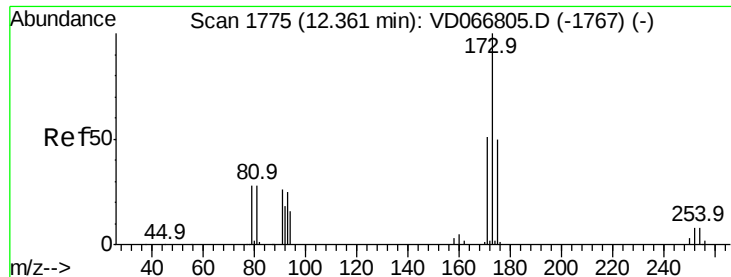
Tot Ion:106 Resp: 146225
Ion Ratio Lower Upper
106 100
91 209.4 106.3 318.8



#70
Styrene
Concen: 20.411 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion:104 Resp: 258811
Ion Ratio Lower Upper
104 100
78 48.9 38.9 58.3
103 53.7 43.2 64.8





#71

Bromoform

Concen: 19.202 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0924SBSD01

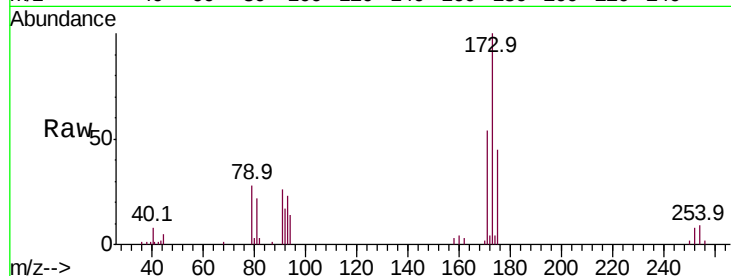
Tot Ion:173 Resp: 44682

Ion Ratio Lower Upper

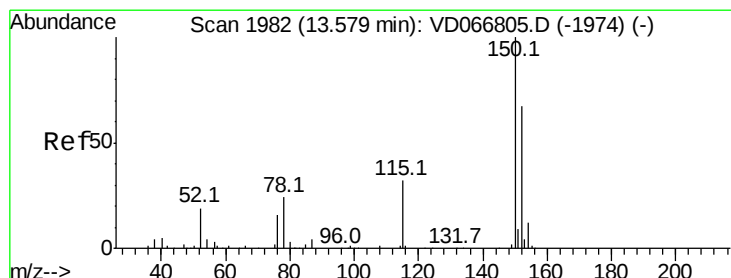
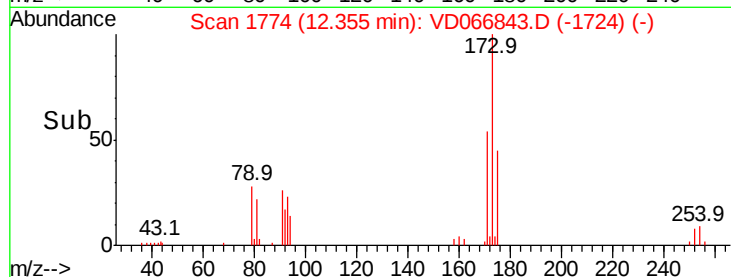
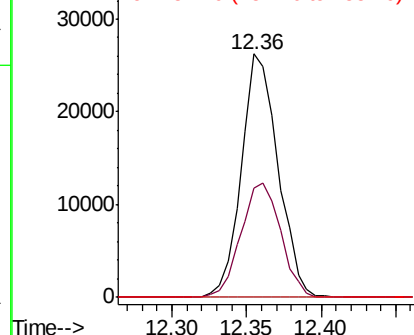
173 100

175 50.5 24.9 74.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

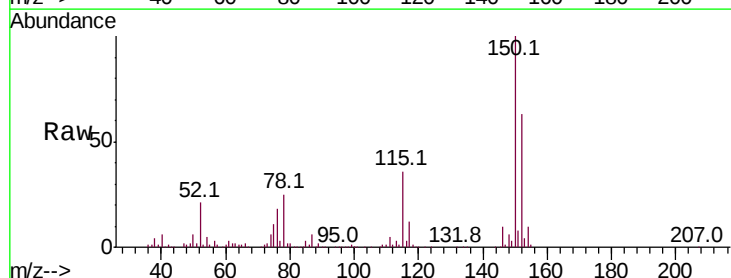
Tgt Ion:152 Resp: 275937

Ion Ratio Lower Upper

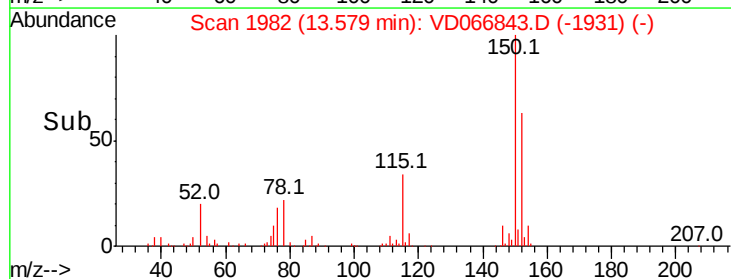
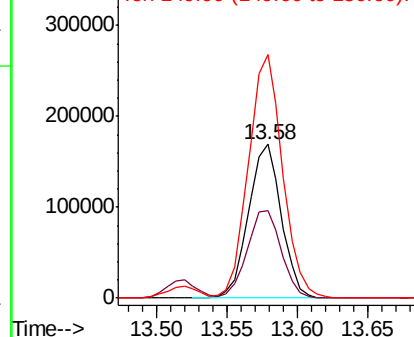
152 100

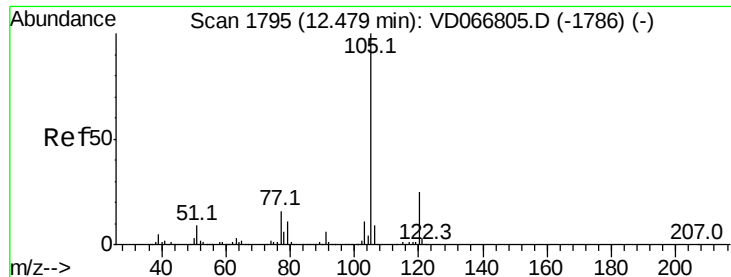
115 59.1 30.3 91.0

150 164.8 0.0 346.2



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





#73

Isopropylbenzene

Concen: 19.970 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

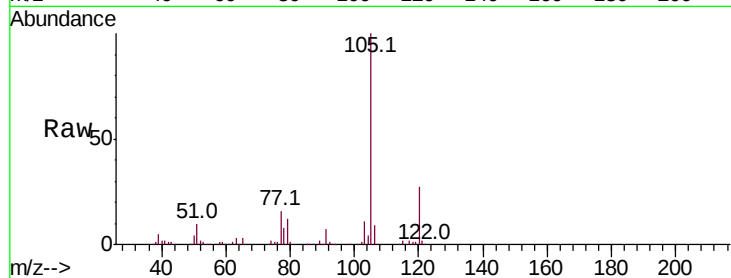
VD0924SBSD01

Tot Ion:105 Resp: 398068

Ion Ratio Lower Upper

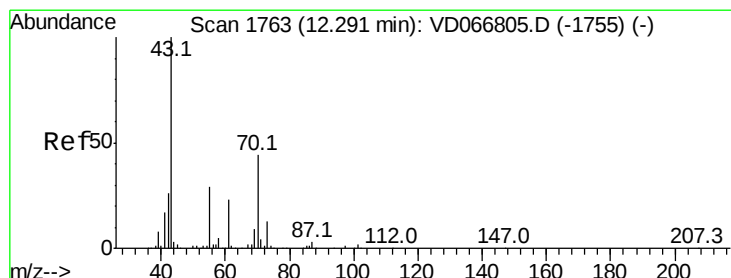
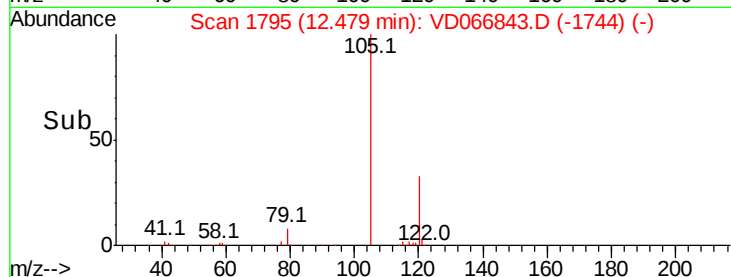
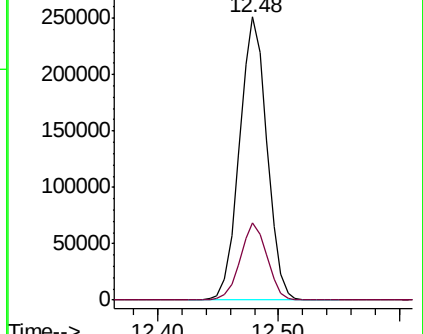
105 100

120 26.7 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.745 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Tgt Ion: 43 Resp: 72970

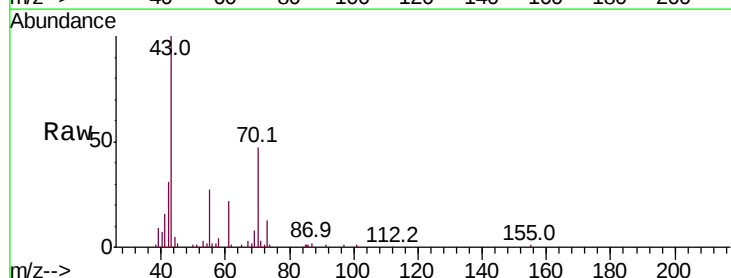
Ion Ratio Lower Upper

43 100

70 46.3 36.1 54.1

55 29.7 21.8 32.8

61 24.6 19.0 28.4

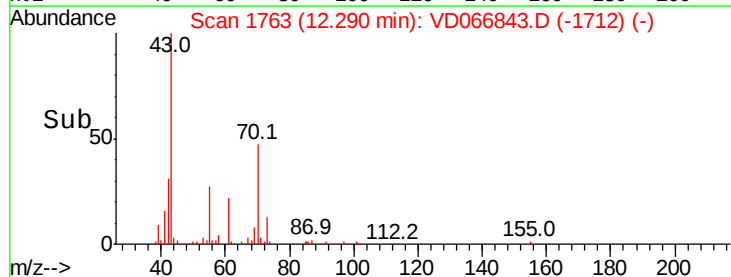
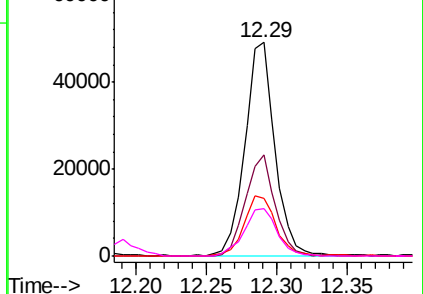


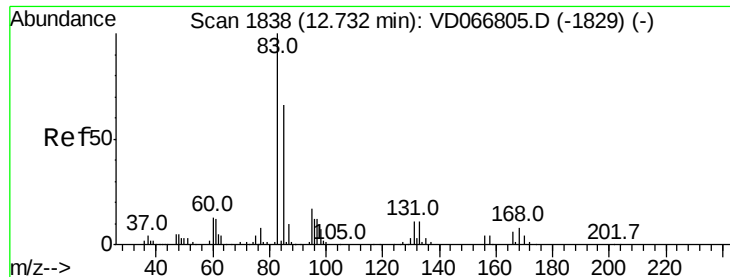
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.430 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0924SBSD01

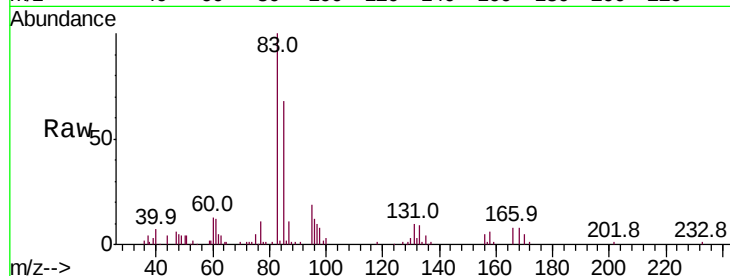
Tot Ion: 83 Resp: 66831

Ion Ratio Lower Upper

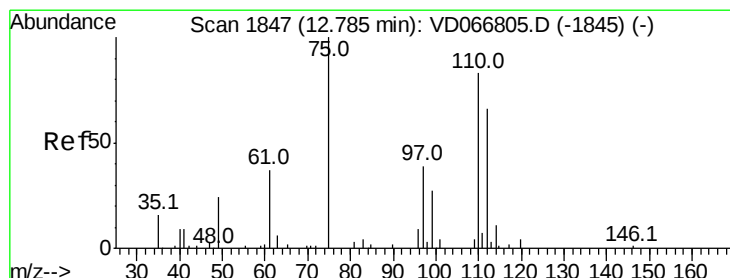
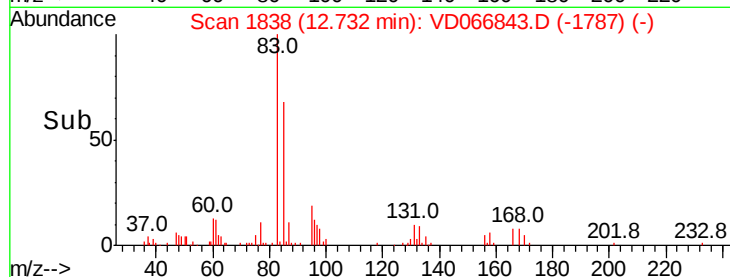
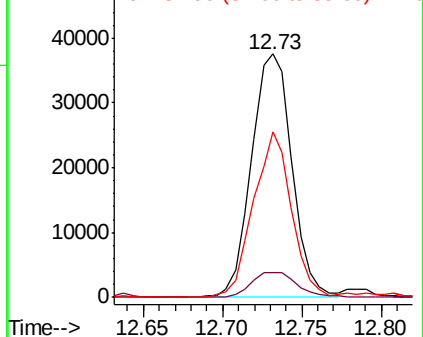
83 100

131 11.5 5.5 16.7

85 63.9 32.1 96.5



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



#76

1,2,3-Trichloropropane

Concen: 37.977 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066843.D

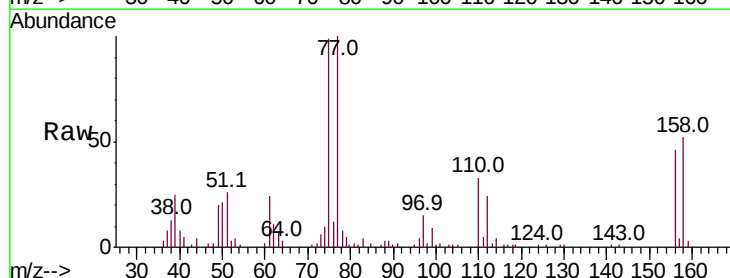
Acq: 24 Sep 2020 11:35

Tgt Ion: 75 Resp: 86844

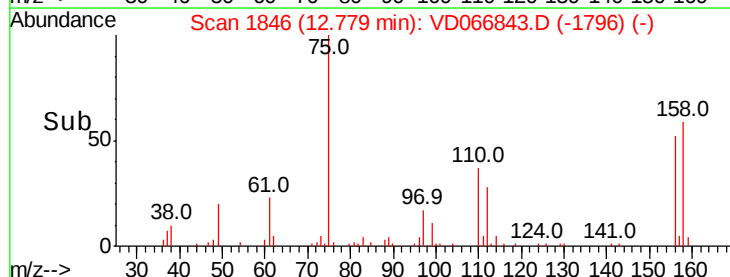
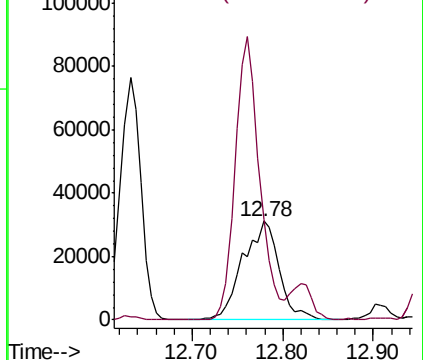
Ion Ratio Lower Upper

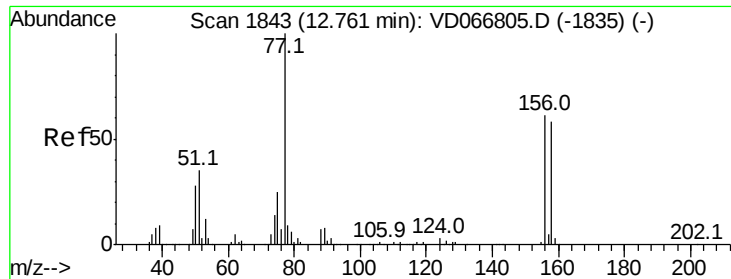
75 100

77 195.2 0.0 0.0#



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





#77

Bromobenzene

Concen: 20.276 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0924SBSD01

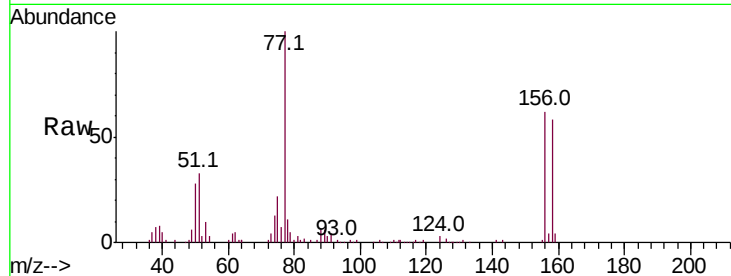
Tot Ion:156 Resp: 94528

Ion Ratio Lower Upper

156 100

77 179.3 92.3 276.9

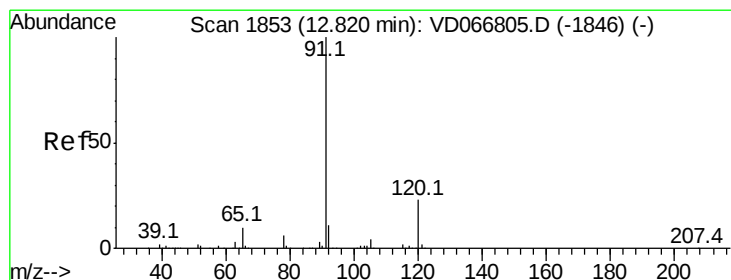
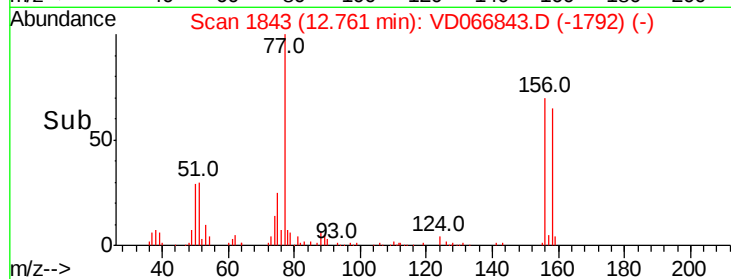
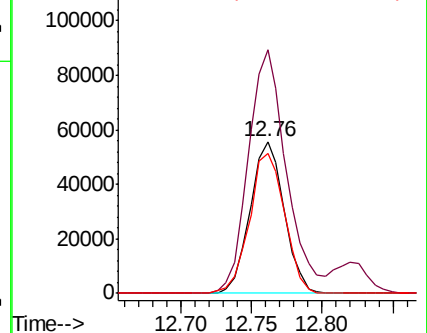
158 95.2 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.646 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066843.D

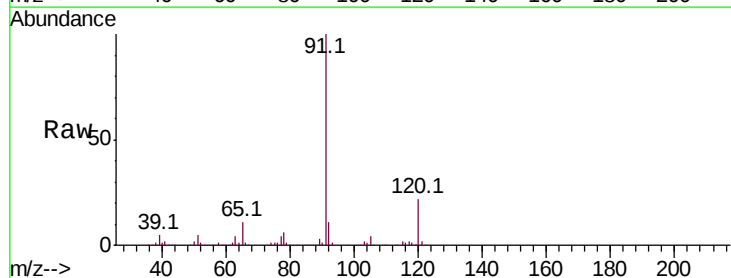
Acq: 24 Sep 2020 11:35

Tgt Ion: 91 Resp: 495103

Ion Ratio Lower Upper

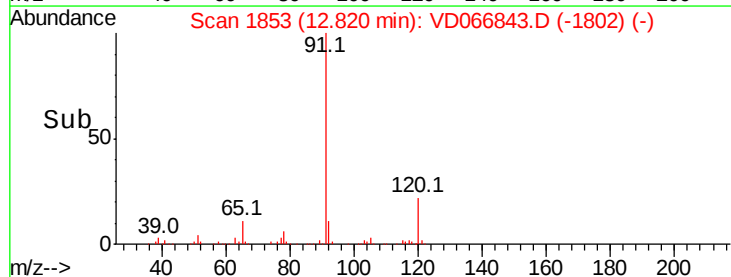
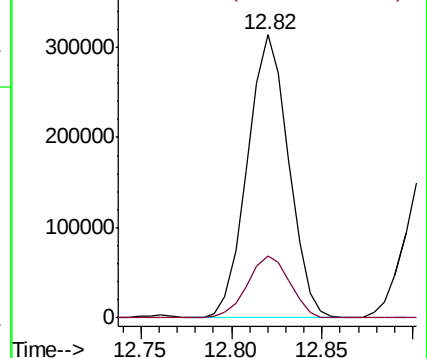
91 100

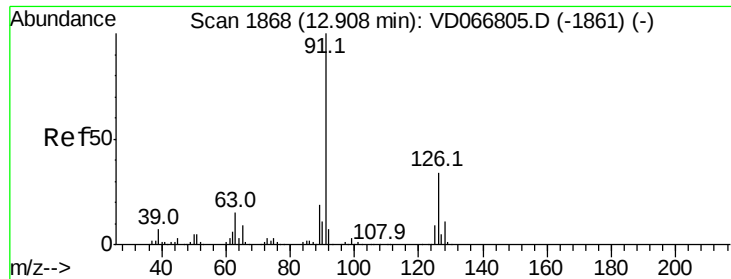
120 22.6 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.917 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

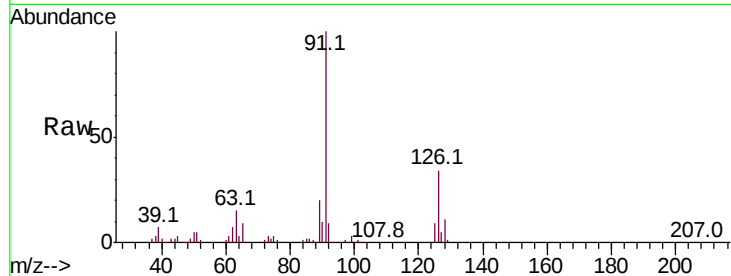
VD0924SBS01

Tot Ion: 91 Resp: 272181

Ion Ratio Lower Upper

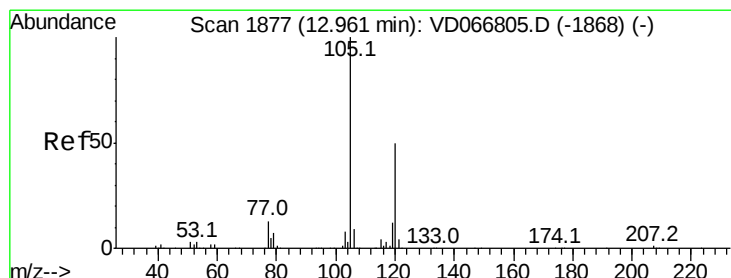
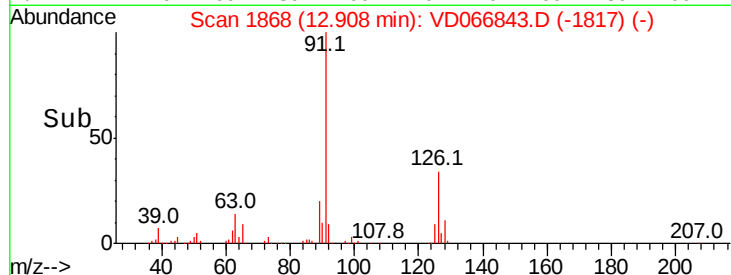
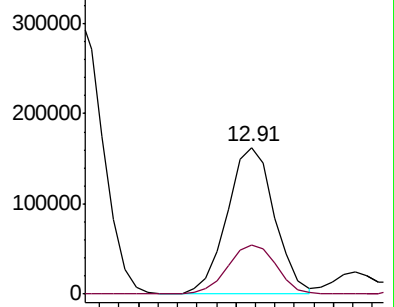
91 100

126 34.6 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VD066805.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066805.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.564 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066843.D

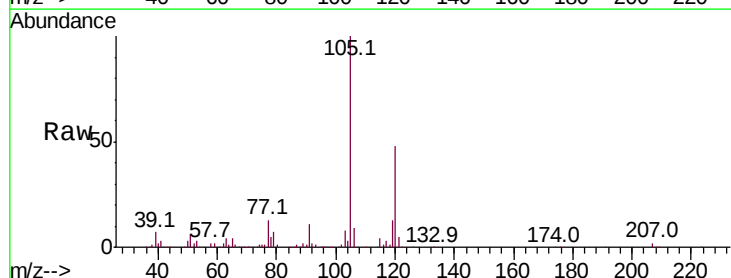
Acq: 24 Sep 2020 11:35

Tgt Ion:105 Resp: 347816

Ion Ratio Lower Upper

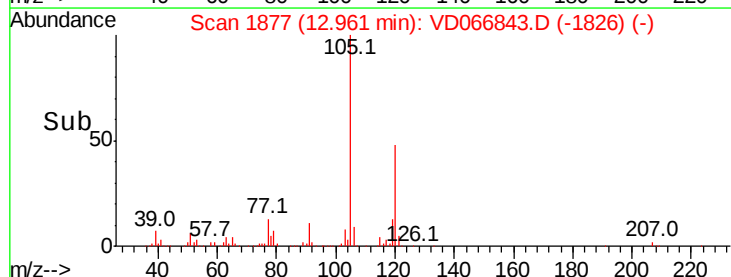
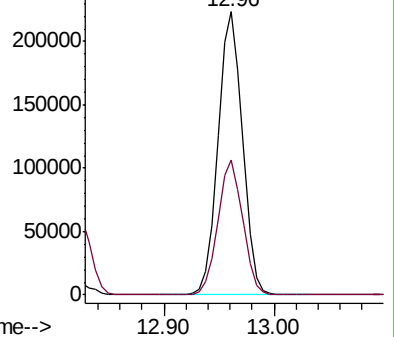
105 100

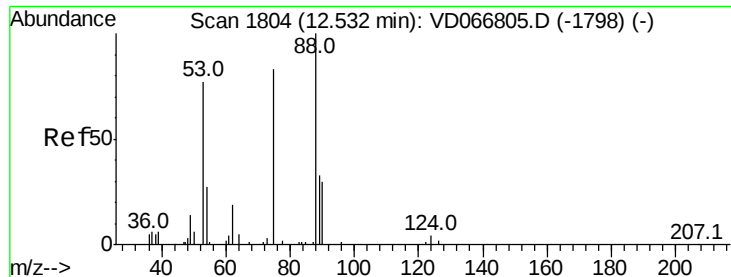
120 48.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066805.D (-1868) (-)

Ion 120.00 (119.70 to 120.70): VD066805.D (-1868) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.351 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0924SBSD01

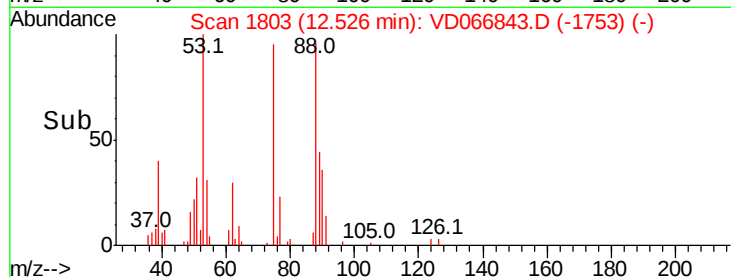
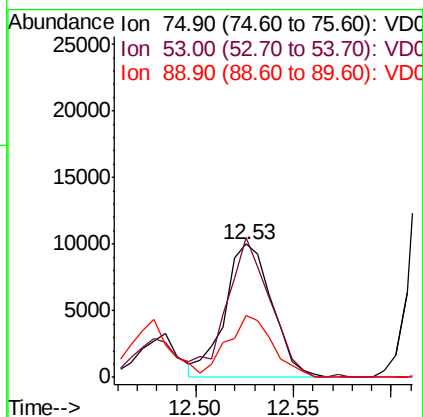
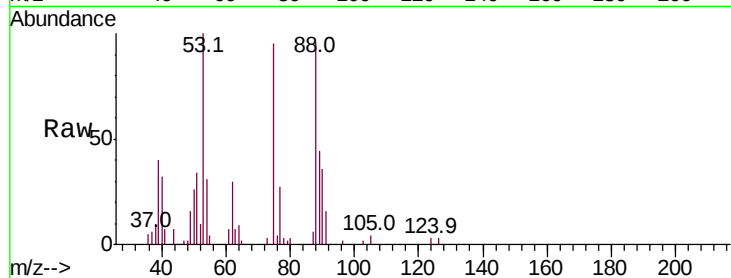
Tot Ion: 75 Resp: 16773

Ion Ratio Lower Upper

75 100

53 95.6 78.5 117.7

89 44.3 38.1 57.1



#82

4-Chlorotoluene

Concen: 20.665 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066843.D

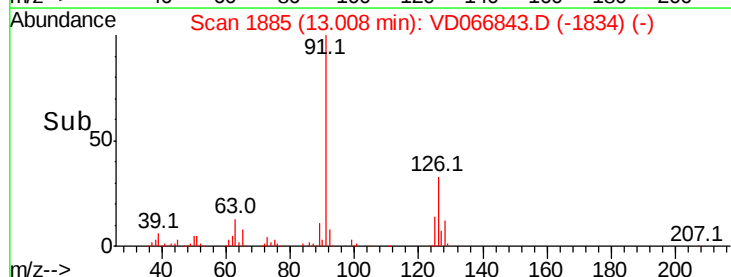
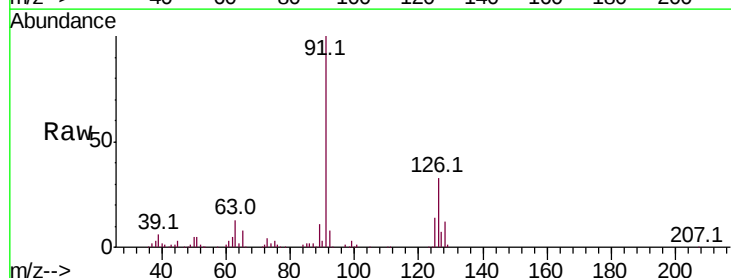
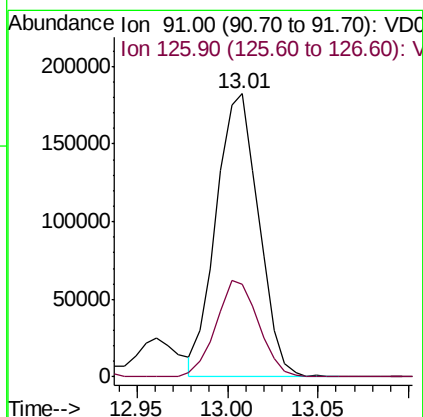
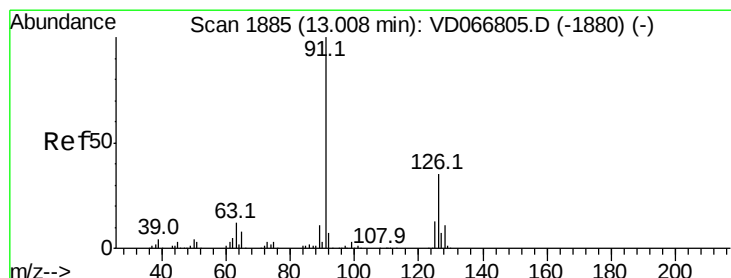
Acq: 24 Sep 2020 11:35

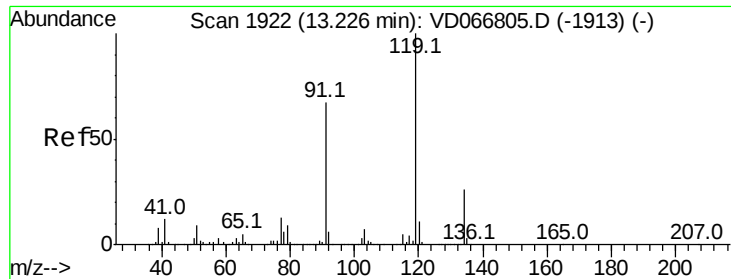
Tgt Ion: 91 Resp: 297690

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2

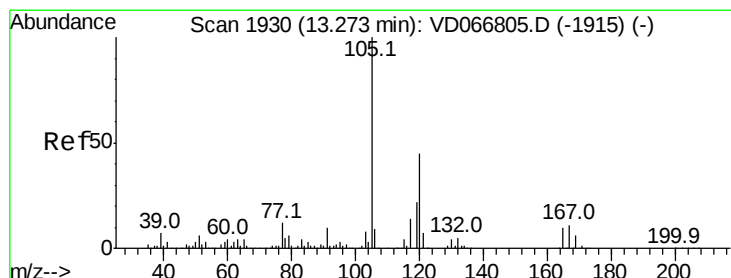
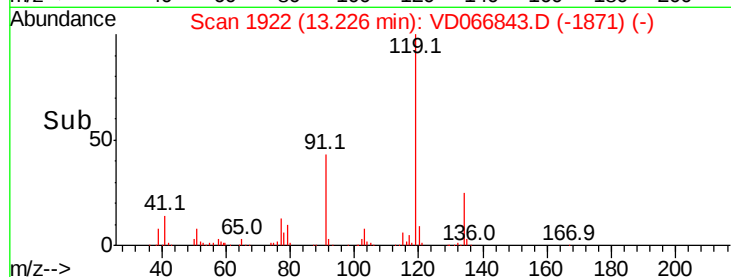
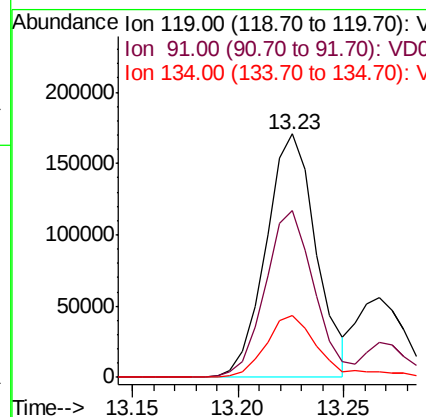
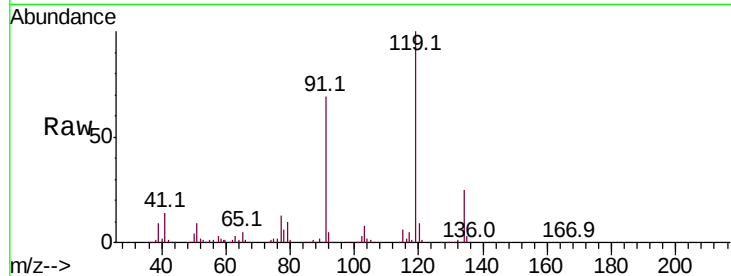




#83
tert-Butylbenzene
Concen: 20.332 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

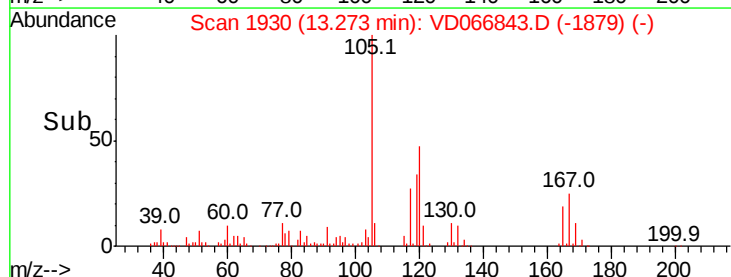
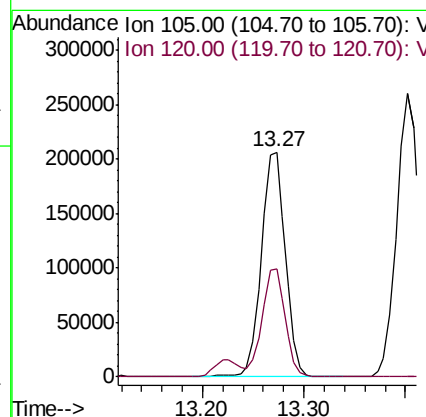
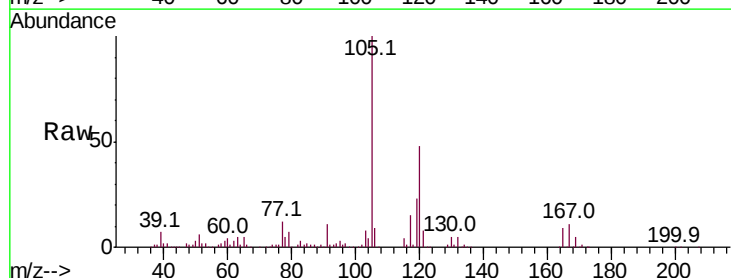
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

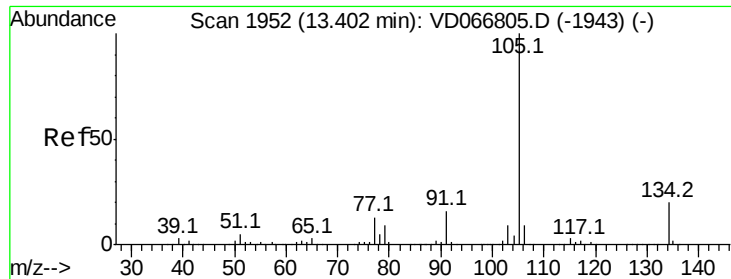
Tot Ion:119 Resp: 282581
Ion Ratio Lower Upper
119 100
91 67.3 33.6 100.8
134 27.2 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 20.405 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion:105 Resp: 342234
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.176 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :

MSVOA_D

ClientSampleId :

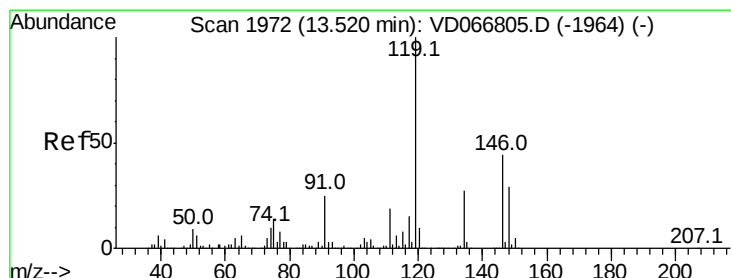
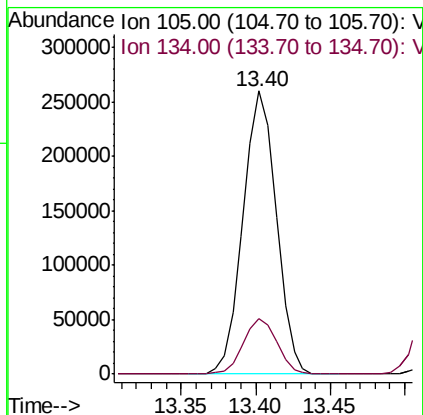
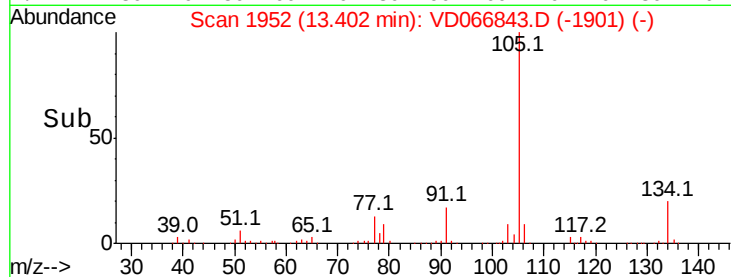
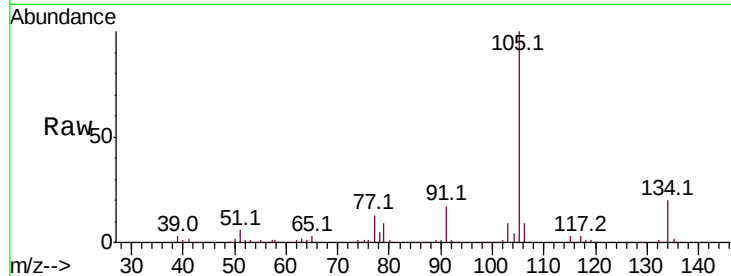
VD0924SBSD01

Tot Ion:105 Resp: 403244

Ion Ratio Lower Upper

105 100

134 19.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.271 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

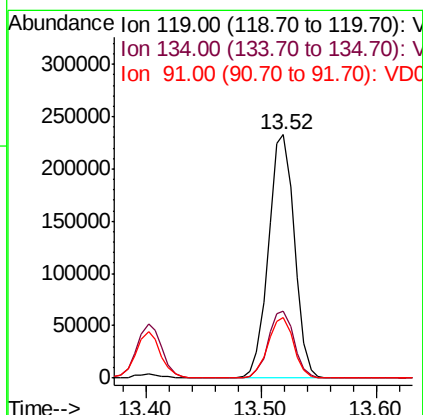
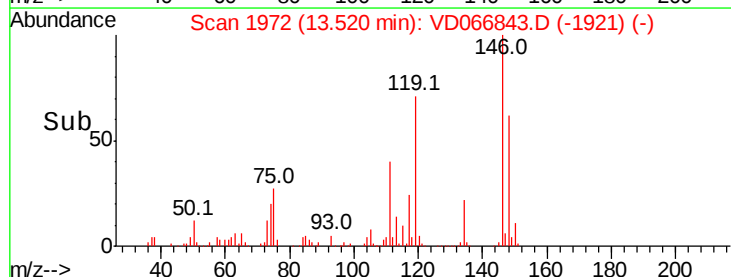
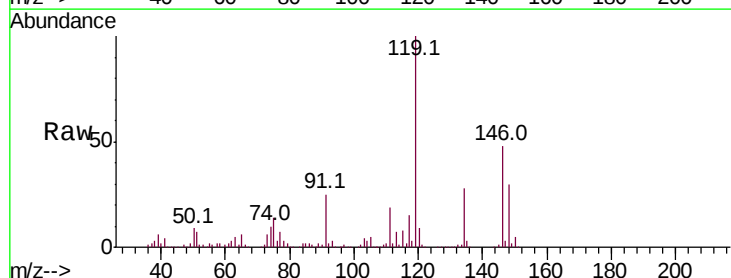
Tgt Ion:119 Resp: 365198

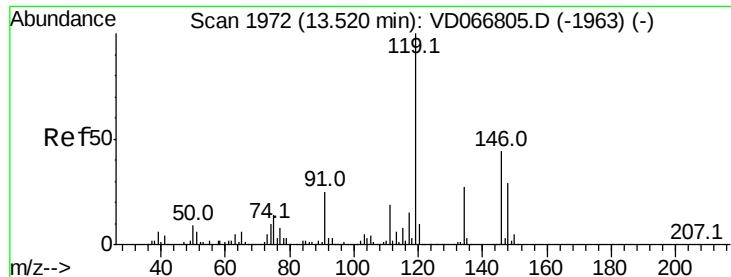
Ion Ratio Lower Upper

119 100

134 27.6 13.0 38.9

91 24.6 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.103 ug/l

RT: 13.52 min Scan# 1972

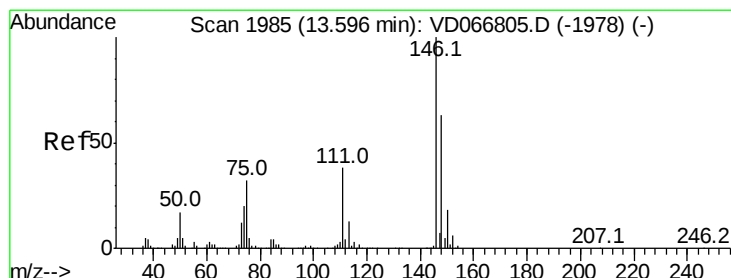
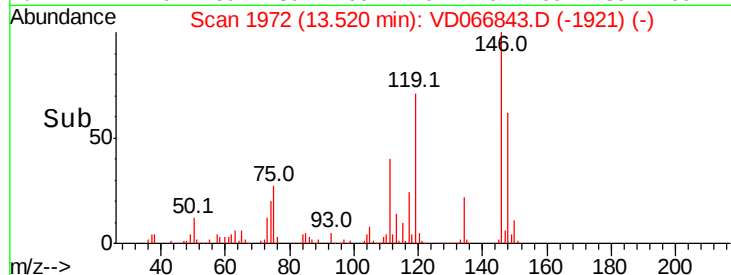
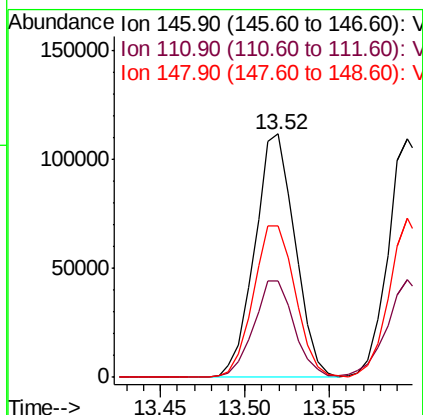
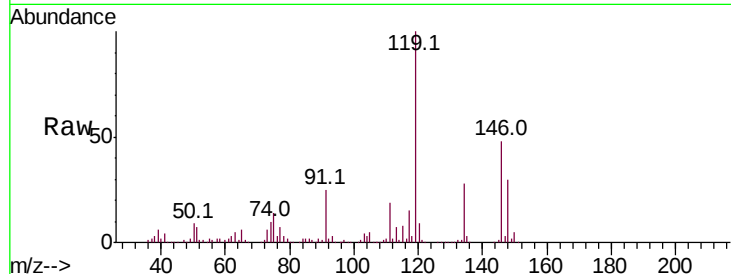
Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.9
148	64.7	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 20.040 ug/l

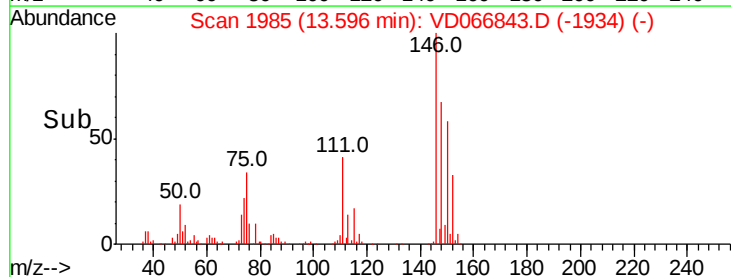
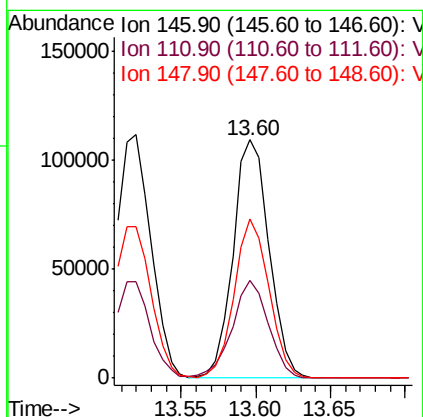
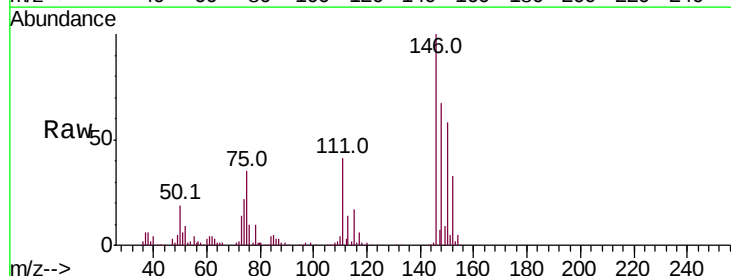
RT: 13.60 min Scan# 1985

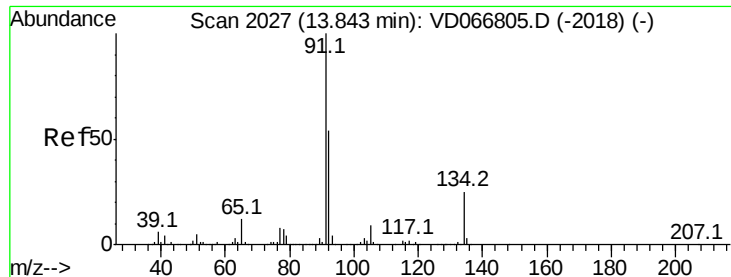
Delta R.T. -0.00 min

Lab File: VD066843.D

Acq: 24 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.2	60.5
148	64.5	31.6	94.7

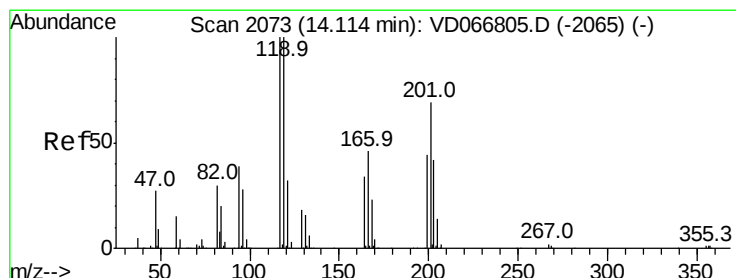
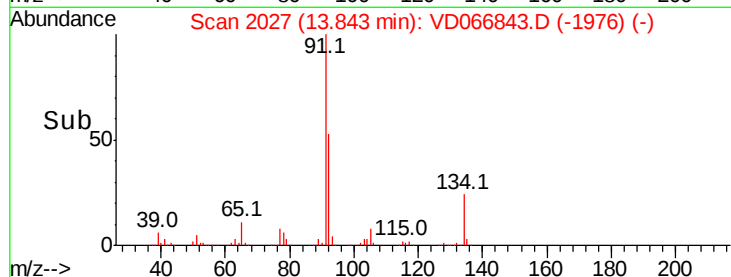
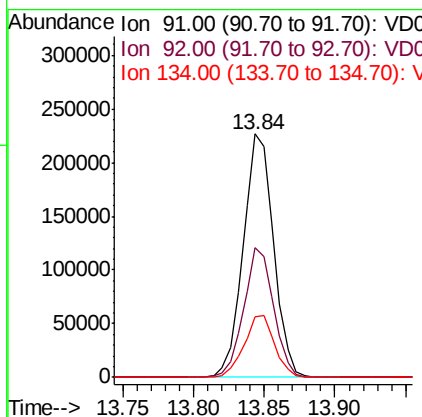
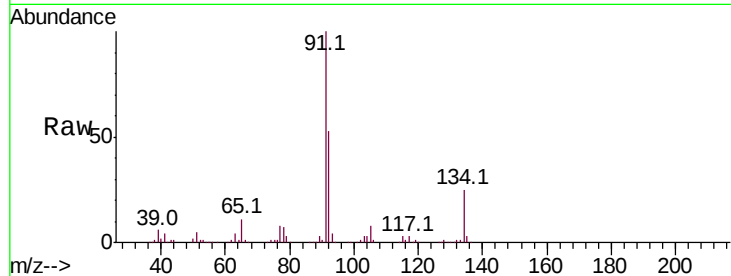




#89
n-Butylbenzene
Concen: 19.919 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

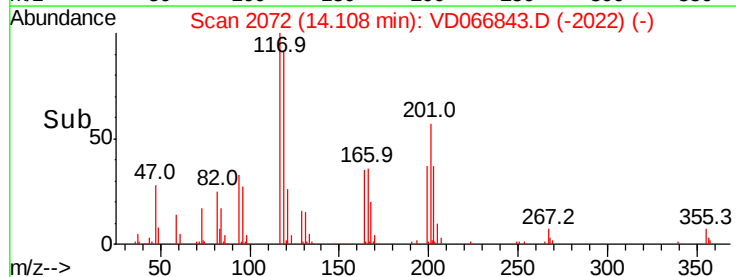
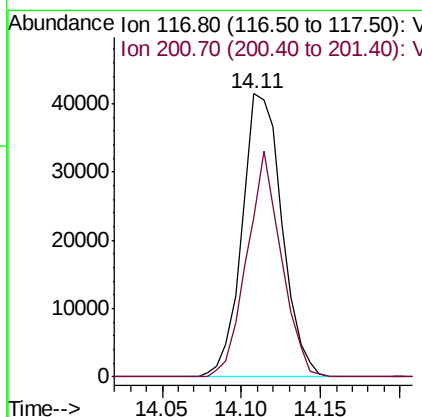
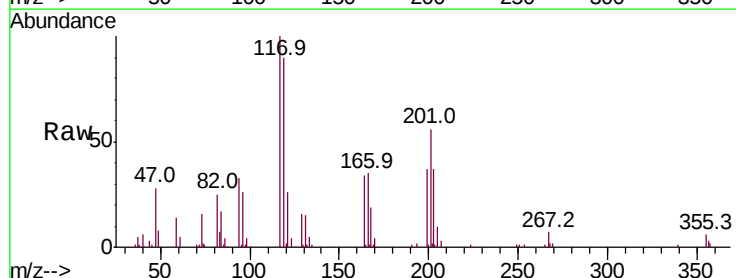
Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

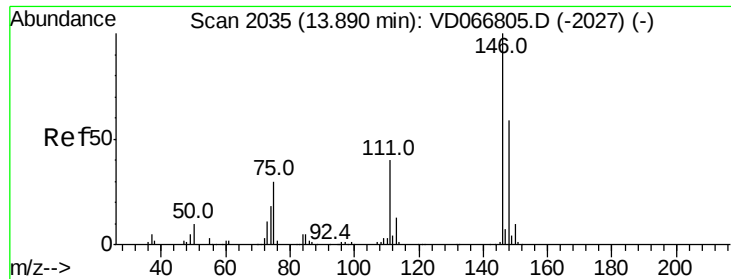
Tot Ion: 91 Resp: 341091
Ion Ratio Lower Upper
91 100
92 52.2 26.7 80.0
134 25.7 13.1 39.1



#90
Hexachloroethane
Concen: 19.788 ug/l
RT: 14.11 min Scan# 2072
Delta R.T. -0.01 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion: 117 Resp: 72375
Ion Ratio Lower Upper
117 100
201 68.9 33.7 101.0

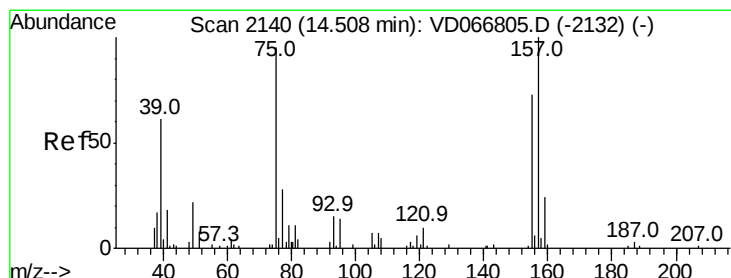
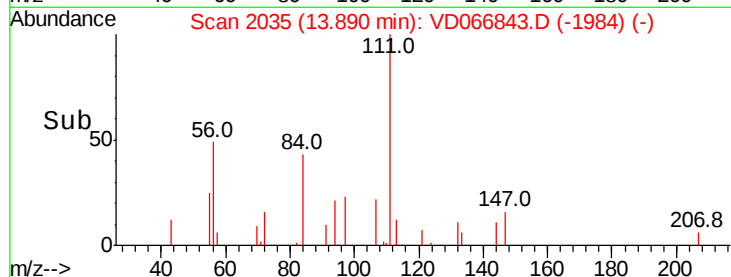
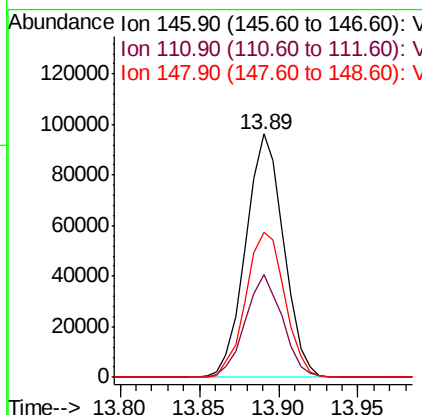
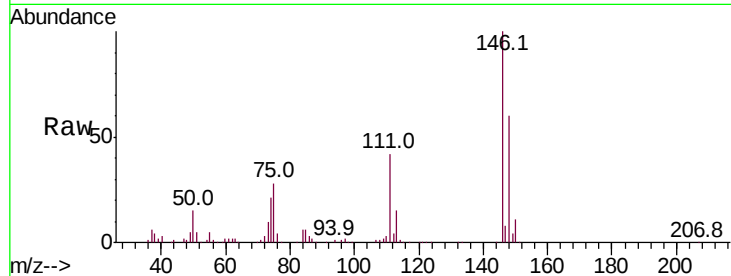




#91
 1,2-Dichlorobenzene
 Concen: 20.330 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066843.D
 Acq: 24 Sep 2020 11:35

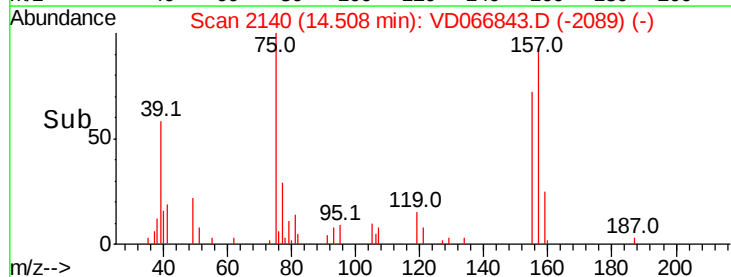
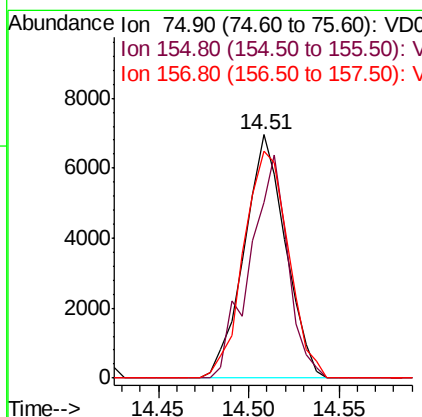
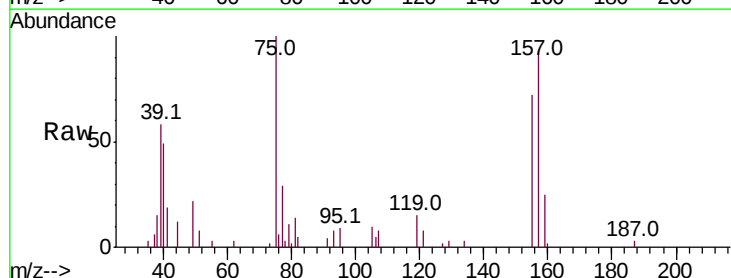
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0924SBSD01

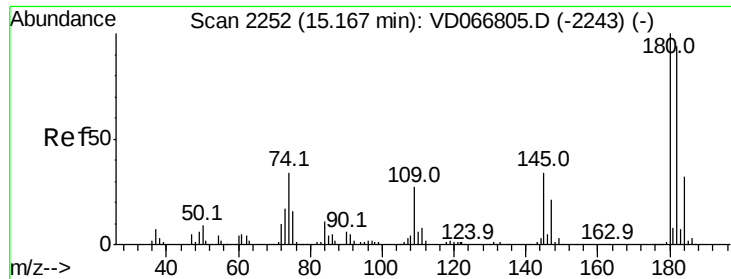
Tot Ion:146 Resp: 160202
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.9 62.7
 148 61.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.911 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066843.D
 Acq: 24 Sep 2020 11:35

Tgt Ion: 75 Resp: 11017
 Ion Ratio Lower Upper
 75 100
 155 84.7 40.4 121.2
 157 100.8 51.3 153.9

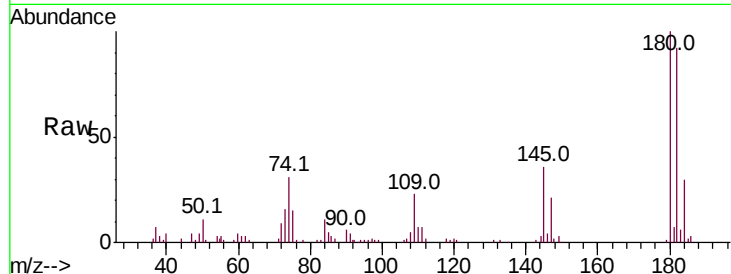




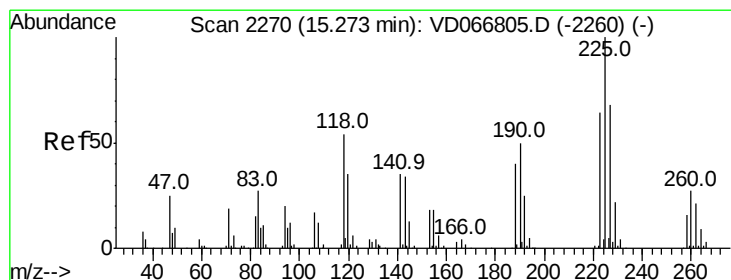
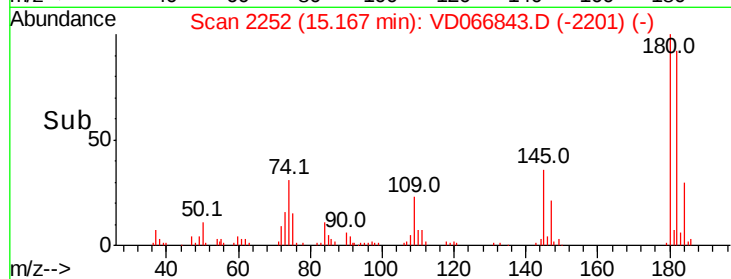
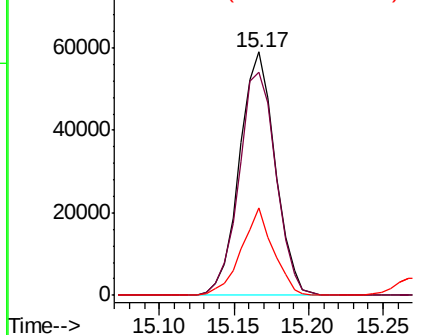
#93
 1,2,4-Trichlorobenzene
 Concen: 19.636 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066843.D
 Acq: 24 Sep 2020 11:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0924SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.8	146.3
145	32.5	16.7	50.0

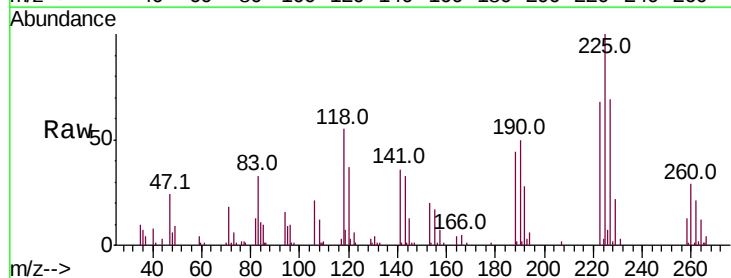


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

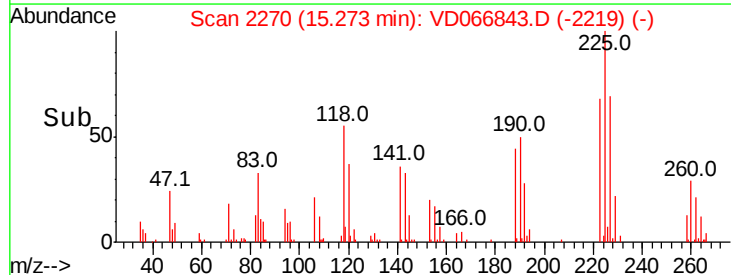
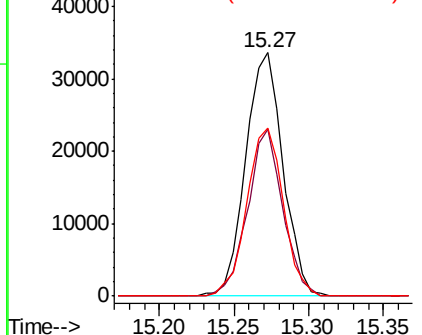


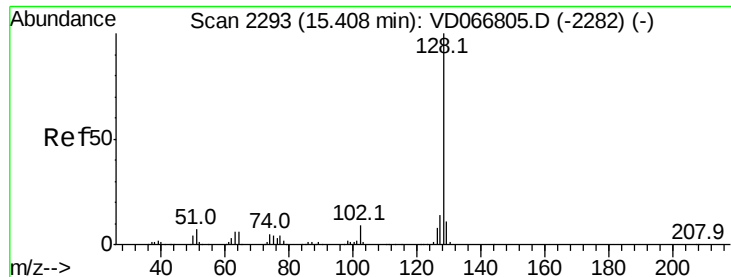
#94
 Hexachlorobutadiene
 Concen: 19.432 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066843.D
 Acq: 24 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	31.1	93.3
227	67.6	31.7	95.1



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

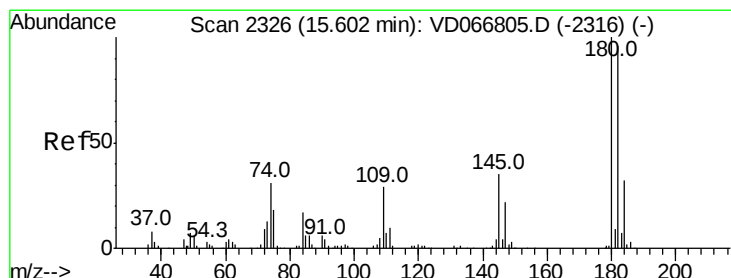
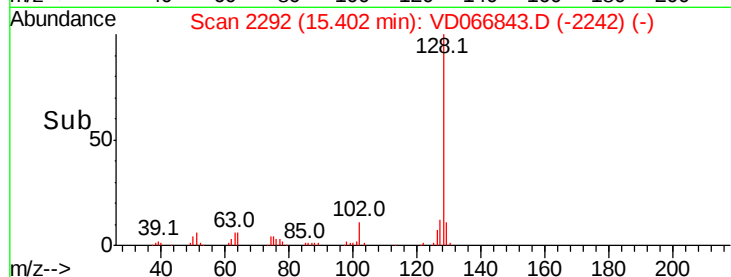
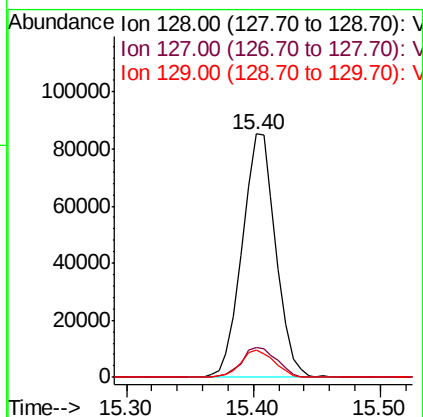
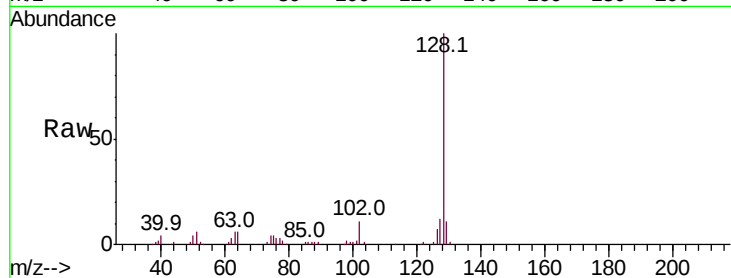




#95
Naphthalene
Concen: 18.582 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Instrument :
MSVOA_D
ClientSampleId :
VD0924SBSD01

Tot Ion:128 Resp: 156498
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.958 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066843.D
Acq: 24 Sep 2020 11:35

Tgt Ion:180 Resp: 85450
Ion Ratio Lower Upper
180 100
182 93.5 46.8 140.3
145 33.3 17.0 51.0

