

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066577.D
 Acq On : 09 Sep 2020 12:29
 Operator : VA/SY
 Sample : VD0909SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 10:46:49 AM

Quant Time: Sep 09 14:16:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	400300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	658037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	593449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	280265	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	241531	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
35) Dibromofluoromethane	7.91	113	213751	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	10.34	98	786343	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.63	95	261906	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	80166	22.048	ug/l	91
3) Chloromethane	2.21	50	96519	19.066	ug/l	100
4) Vinyl Chloride	2.35	62	116983	20.835	ug/l	99
5) Bromomethane	2.76	94	79705	19.697	ug/l #	76
6) Chloroethane	2.92	64	74440	20.873	ug/l	98
7) Trichlorofluoromethane	3.27	101	162403	19.580	ug/l	99
8) Diethyl Ether	3.71	74	38810	18.581	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	86016	19.161	ug/l	97
10) Methyl Iodide	4.30	142	70524	19.861	ug/l	98
11) Tert butyl alcohol	5.23	59	38507	99.831	ug/l #	95
12) 1,1-Dichloroethene	4.06	96	77179	19.137	ug/l	97
13) Acrolein	3.91	56	18170	91.753	ug/l	97
14) Allyl chloride	4.71	41	120589	18.244	ug/l	95
15) Acrylonitrile	5.43	53	89512	99.763	ug/l	98
16) Acetone	4.16	43	90840	101.936	ug/l	99
17) Carbon Disulfide	4.41	76	243315	18.352	ug/l	97
18) Methyl Acetate	4.72	43	41358	19.469	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	185862	19.652	ug/l	95
20) Methylene Chloride	4.97	84	100801	16.294	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	90061	18.805	ug/l	92
22) Diisopropyl ether	6.36	45	257414	18.938	ug/l	98
23) Vinyl Acetate	6.30	43	759489	98.189	ug/l	99
24) 1,1-Dichloroethane	6.27	63	158913	18.592	ug/l	100
25) 2-Butanone	7.21	43	115622	96.653	ug/l	100
26) 2,2-Dichloropropane	7.21	77	150287	19.168	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	96695	18.775	ug/l	97
28) Bromochloromethane	7.54	49	56743	17.243	ug/l #	94
29) Tetrahydrofuran	7.56	42	71119	95.459	ug/l	99
30) Chloroform	7.71	83	170196	18.821	ug/l	99
31) Cyclohexane	7.98	56	148677	18.817	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	160411	18.868	ug/l	98
36) 1,1-Dichloropropene	8.11	75	132811	19.394	ug/l	98
37) Ethyl Acetate	7.30	43	53715	19.698	ug/l	98
38) Carbon Tetrachloride	8.10	117	143098	19.769	ug/l	93

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	147173	19.246	ug/l	98
40) Benzene	8.35	78	343594	18.319	ug/l	98
41) Methacrylonitrile	7.53	41	32119m	24.333	ug/l	
42) 1,2-Dichloroethane	8.43	62	115381	18.987	ug/l	99
43) Isopropyl Acetate	8.45	43	101563	19.435	ug/l	99
44) Trichloroethene	9.11	130	94079	19.123	ug/l	96
45) 1,2-Dichloropropane	9.38	63	87194	18.486	ug/l	94
46) Dibromomethane	9.47	93	51079	19.629	ug/l	98
47) Bromodichloromethane	9.66	83	135656	19.268	ug/l	99
48) Methyl methacrylate	9.46	41	46702	17.674	ug/l	86
49) 1,4-Dioxane	9.46	88	12069	422.751	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	262981	99.783	ug/l	97
52) Toluene	10.40	92	224499	18.909	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	120304	19.357	ug/l	92
54) cis-1,3-Dichloropropene	10.08	75	140574	18.835	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	66671	19.926	ug/l #	86
56) Ethyl methacrylate	10.66	69	72777	18.681	ug/l	96
57) 1,3-Dichloropropane	10.94	76	114886	19.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	206947	116.140	ug/l	97
59) 2-Hexanone	10.98	43	176846	99.781	ug/l	100
60) Dibromochloromethane	11.14	129	85720	19.374	ug/l	98
61) 1,2-Dibromoethane	11.24	107	62351	19.155	ug/l	97
64) Tetrachloroethene	10.87	164	75718	18.950	ug/l	89
65) Chlorobenzene	11.67	112	228004	18.615	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	89778	19.205	ug/l	99
67) Ethyl Benzene	11.74	91	426221	18.951	ug/l	97
68) m/p-Xylenes	11.85	106	319437	38.253	ug/l	95
69) o-Xylene	12.18	106	144237	19.273	ug/l	100
70) Styrene	12.20	104	242964	18.674	ug/l	96
71) Bromoform	12.36	173	45818	19.449	ug/l #	98
73) Isopropylbenzene	12.48	105	400793	19.315	ug/l	99
74) N-amyl acetate	12.28	43	92397	19.660	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	68931	18.803	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	57357m	21.280	ug/l	
77) Bromobenzene	12.76	156	90895	19.648	ug/l	99
78) n-propylbenzene	12.82	91	494936	19.676	ug/l	100
79) 2-Chlorotoluene	12.91	91	268758	19.045	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	341599	19.559	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20739	17.963	ug/l	93
82) 4-Chlorotoluene	13.01	91	296145	19.624	ug/l	99
83) tert-Butylbenzene	13.23	119	277037	19.425	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	341538	19.642	ug/l	98
85) sec-Butylbenzene	13.40	105	396955	19.318	ug/l	99
86) p-Isopropyltoluene	13.52	119	368981	19.951	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	171839	18.710	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	174621	18.943	ug/l	97
89) n-Butylbenzene	13.85	91	344083	19.092	ug/l	100
90) Hexachloroethane	14.11	117	75723	19.002	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	152682	19.020	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	12139	19.493	ug/l	95

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ClientSampleId :
VD0909SBSD01

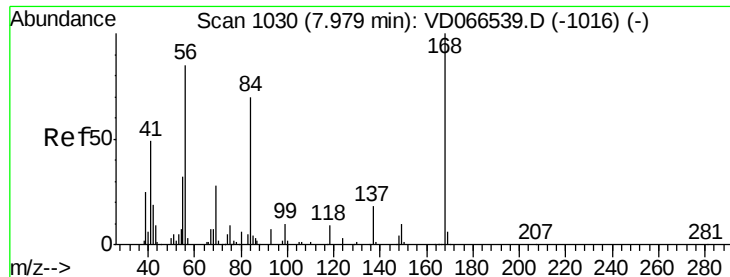
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	98734	20.494	ug/l	97
94) Hexachlorobutadiene	15.27	225	55238	19.085	ug/l	94
95) Naphthalene	15.41	128	183799	21.832	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	84438	20.557	ug/l	98

(#) = 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: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

Tot Ion:168 Resp: 400300

Ion Ratio Lower Upper

168 100

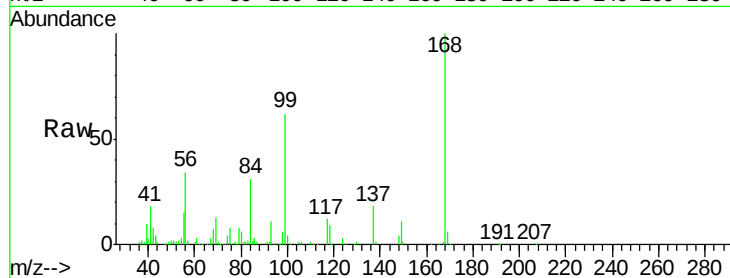
99 61.9 50.5 75.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

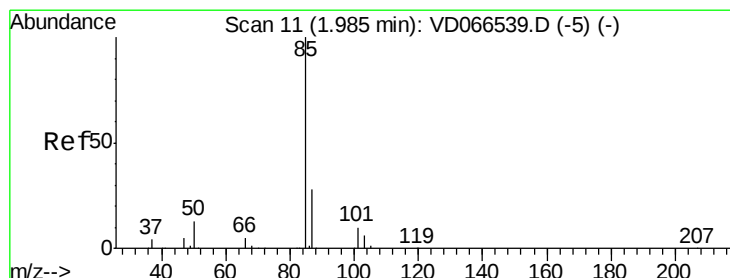
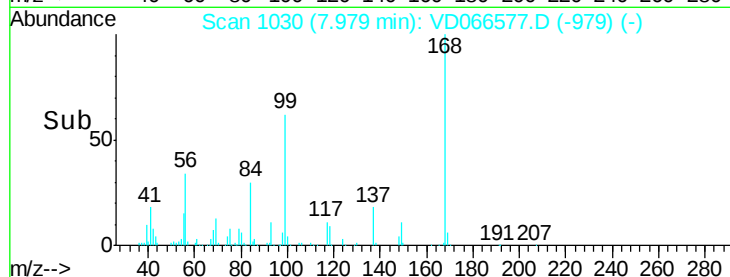
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.048 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066577.D

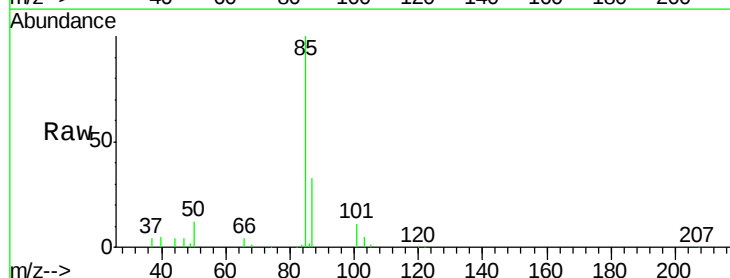
Acq: 09 Sep 2020 12:29

Tgt Ion: 85 Resp: 80166

Ion Ratio Lower Upper

85 100

87 33.3 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

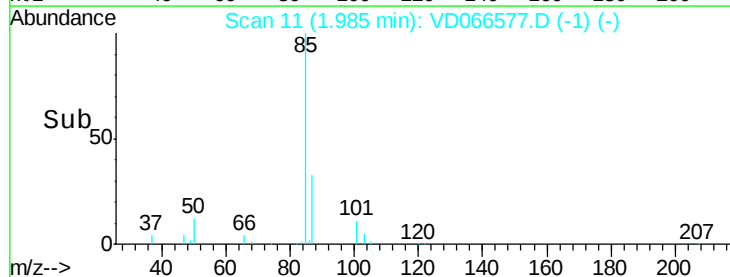
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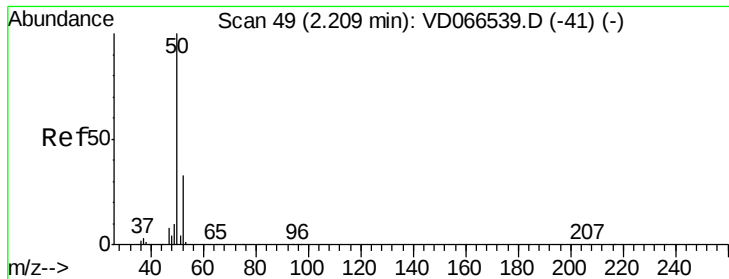
40000

20000

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Time-->





#3

Chloromethane

Concen: 19.066 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

Tot Ion: 50 Resp: 96519

Ion Ratio Lower Upper

50 100

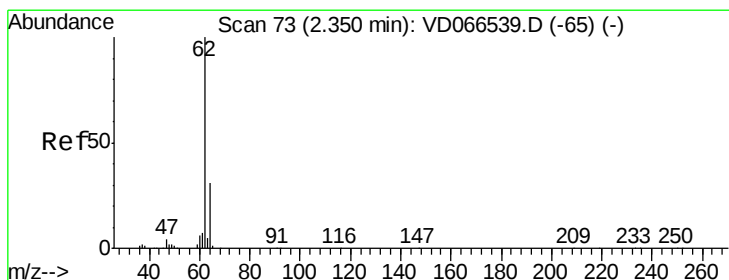
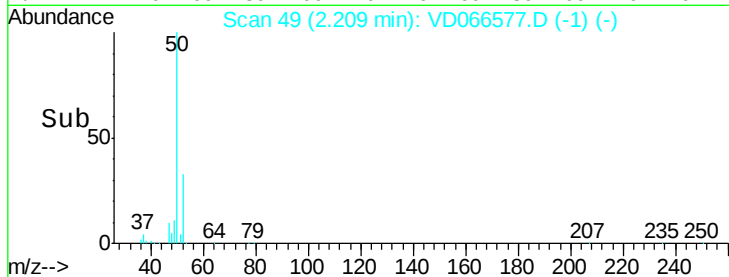
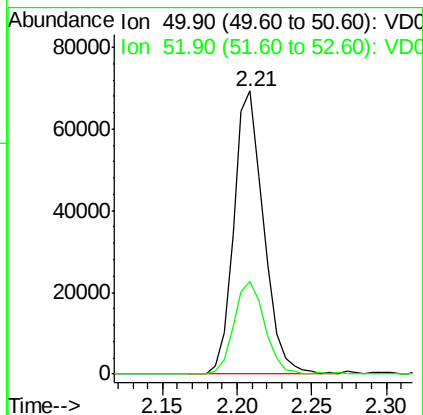
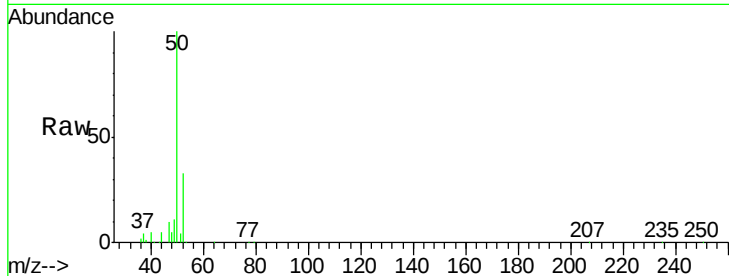
52 32.8 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.835 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066577.D

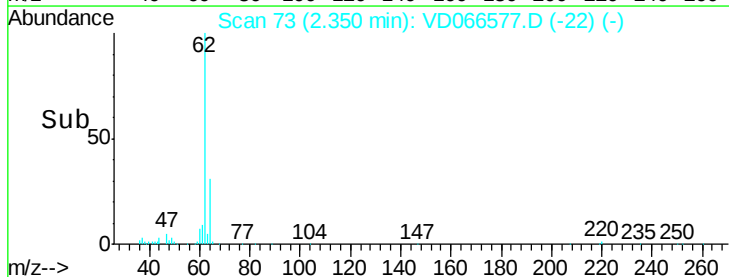
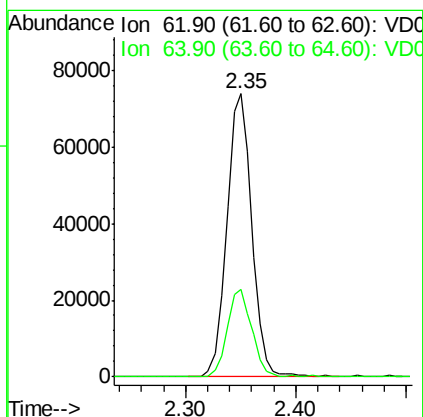
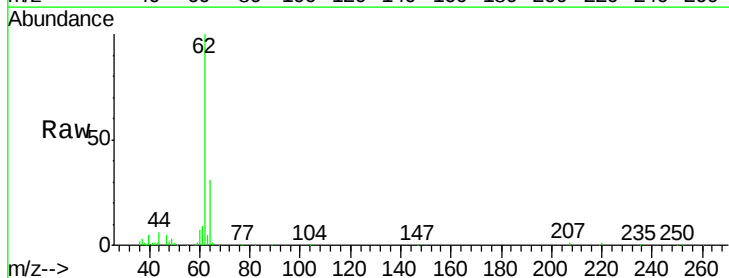
Acq: 09 Sep 2020 12:29

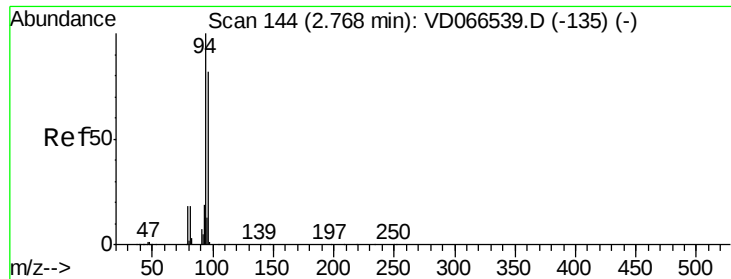
Tgt Ion: 62 Resp: 116983

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9





#5

Bromomethane

Concen: 19.697 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

Tot Ion: 94 Resp: 79705

Ion Ratio Lower Upper

94 100

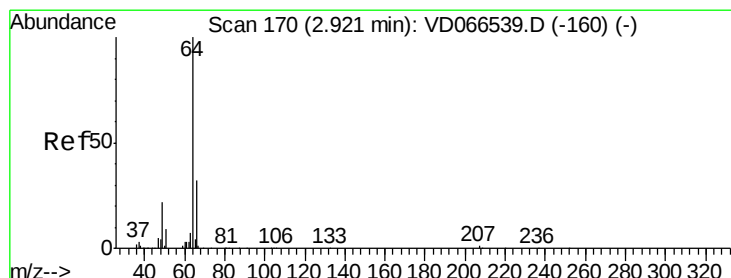
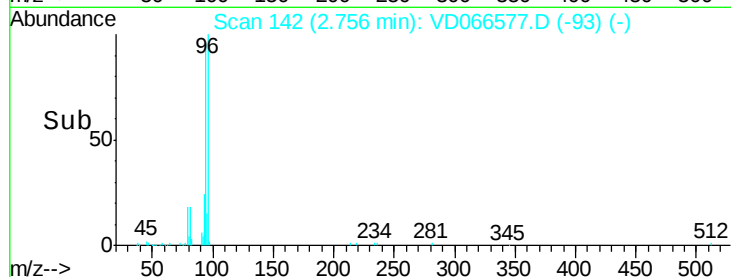
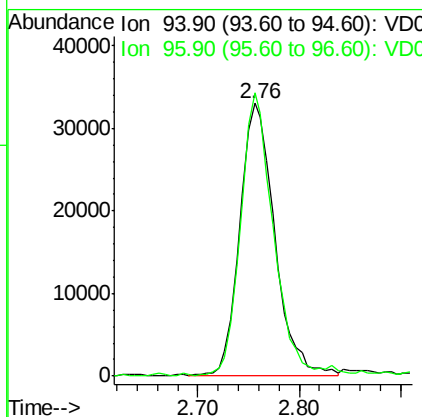
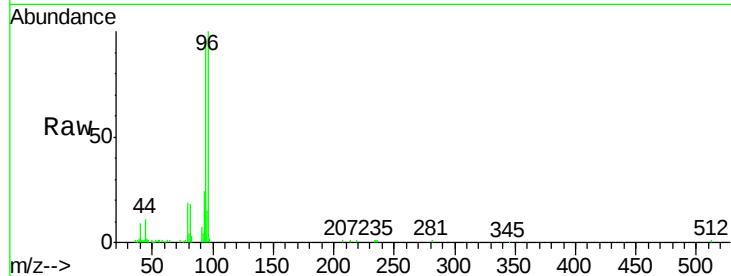
96 102.9 65.2 97.8#

Manual Integrations

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9/10/2020 10:46:49 AM



#6

Chloroethane

Concen: 20.873 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066577.D

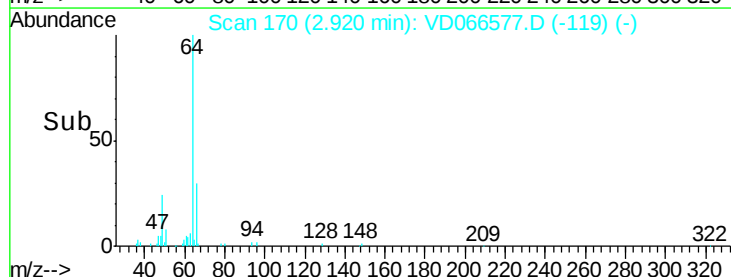
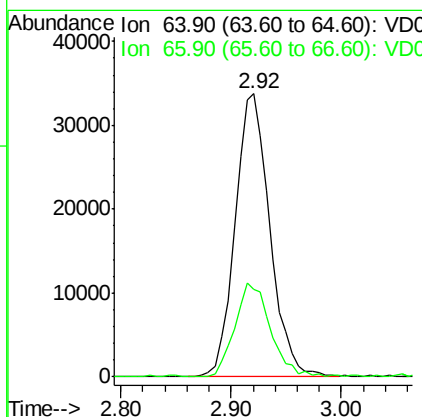
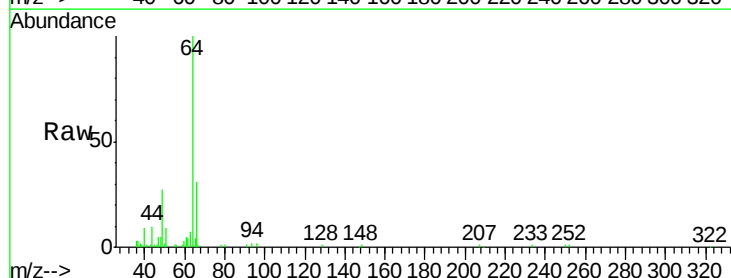
Acq: 09 Sep 2020 12:29

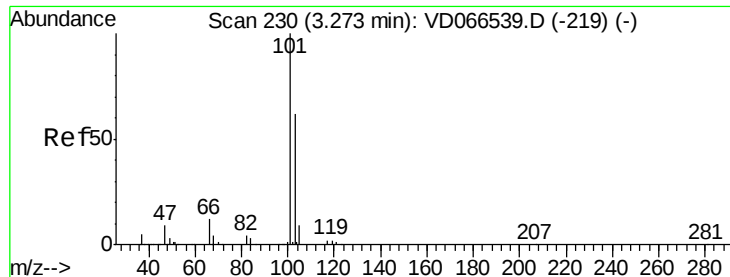
Tgt Ion: 64 Resp: 74440

Ion Ratio Lower Upper

64 100

66 30.8 25.4 38.0





#7

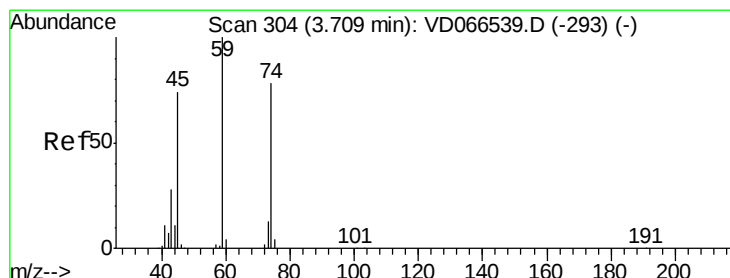
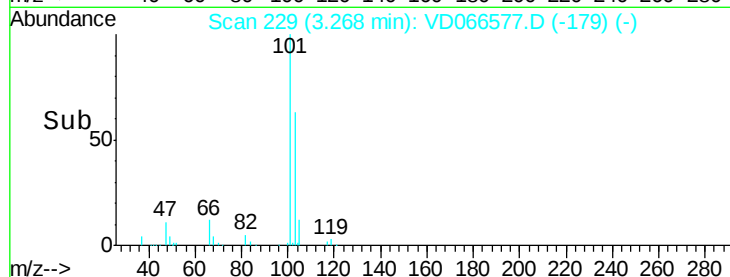
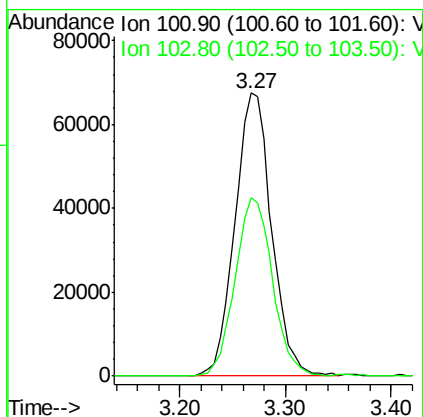
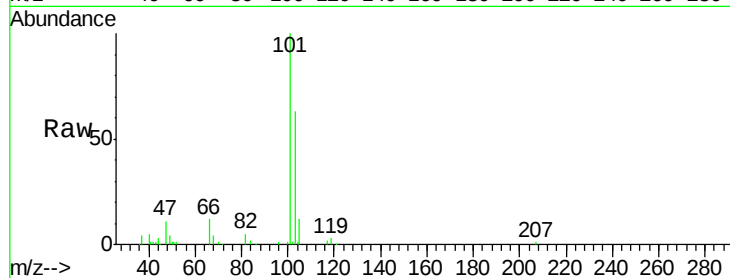
Trichlorofluoromethane
 Concen: 19.580 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
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 ClientSampleId :
 VD0909SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	49.7	74.5

Manual Integrations
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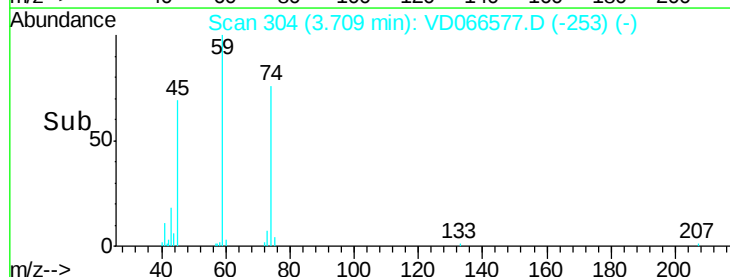
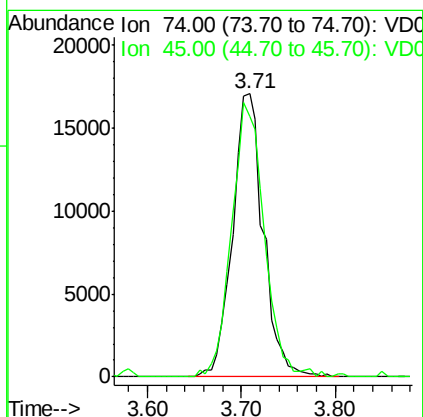
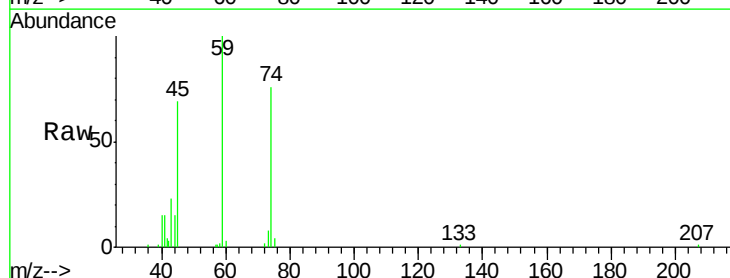
MMDadoda
 9/10/2020 10:46:49 AM

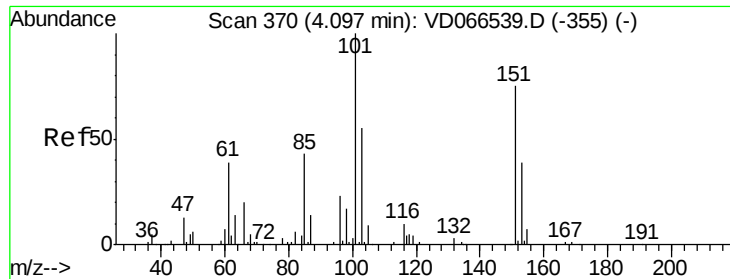


#8

Diethyl Ether
 Concen: 18.581 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.8	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.161 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

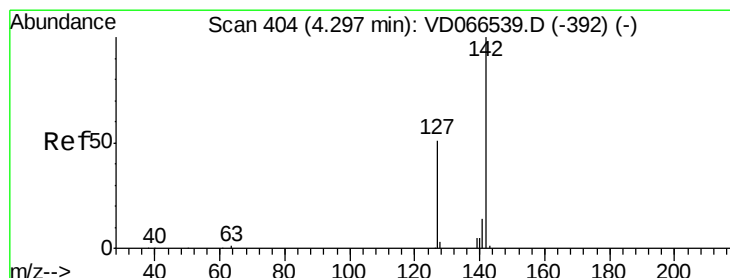
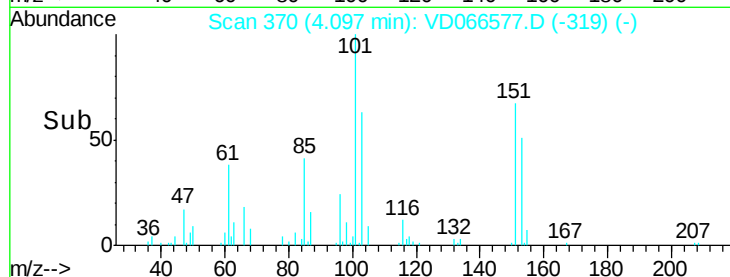
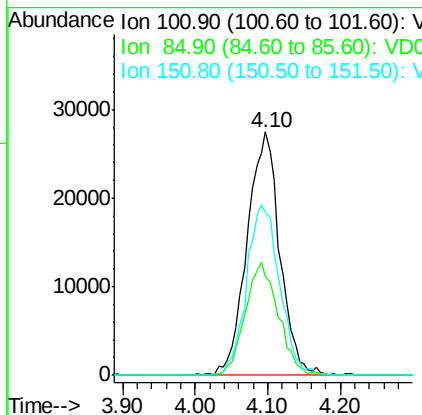
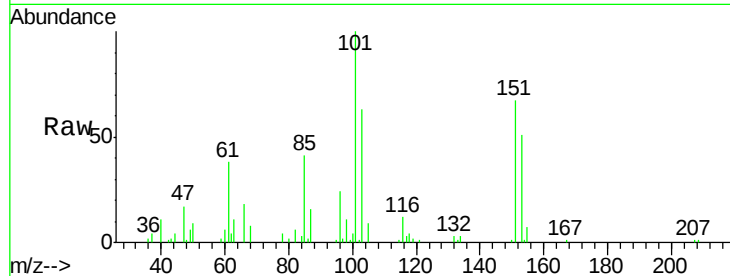
ClientSampleId :

VD0909SBS01

Tot Ion:	101	Resp:	86016
Ion Ratio	Lower	Upper	
101	100		
85	46.8	37.0	55.6
151	70.9	59.4	89.2

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 19.861 ug/l

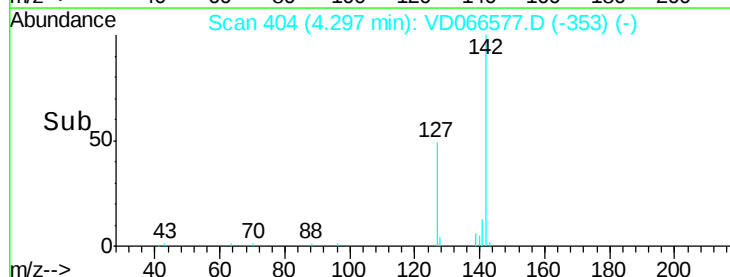
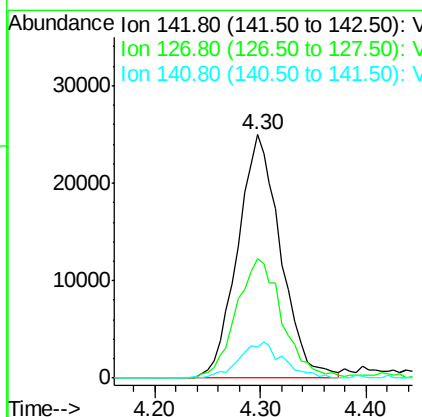
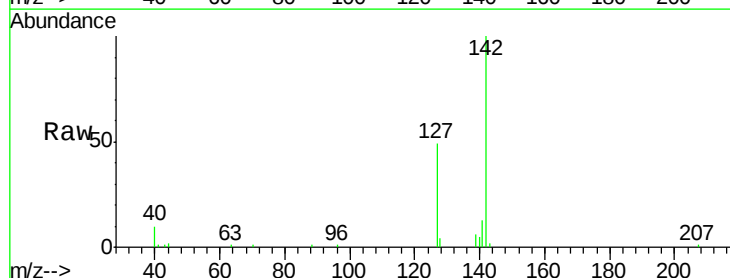
RT: 4.30 min Scan# 404

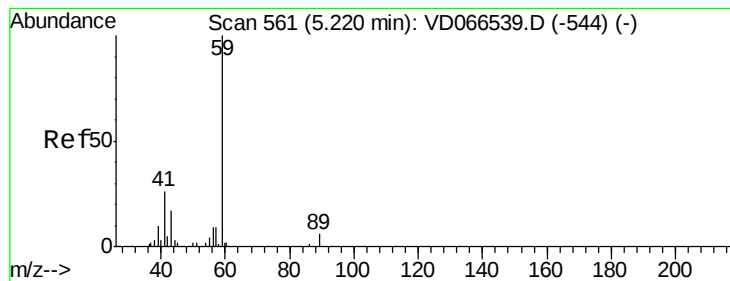
Delta R.T. 0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Tgt Ion:	142	Resp:	70524
Ion Ratio	Lower	Upper	
142	100		
127	52.5	40.6	61.0
141	15.1	12.2	18.4





#11

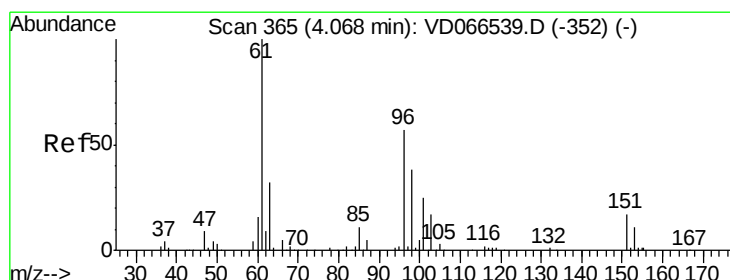
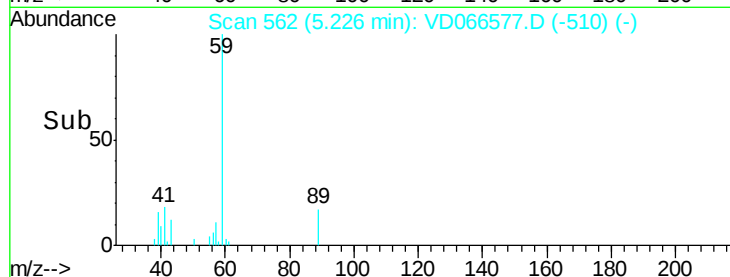
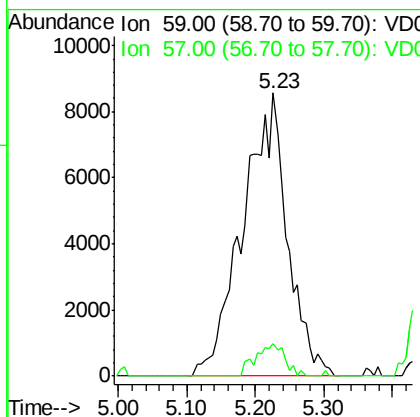
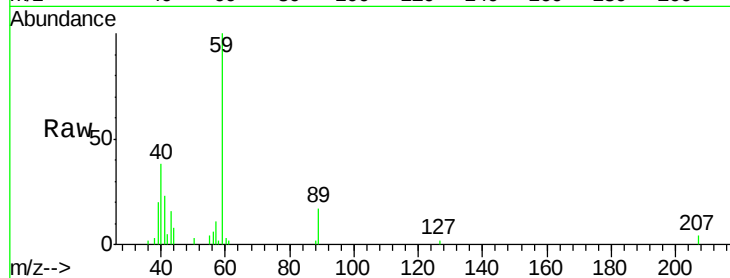
Tert butyl alcohol
Concen: 99.831 ug/l
RT: 5.23 min Scan# 562
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.5	7.6	11.4#

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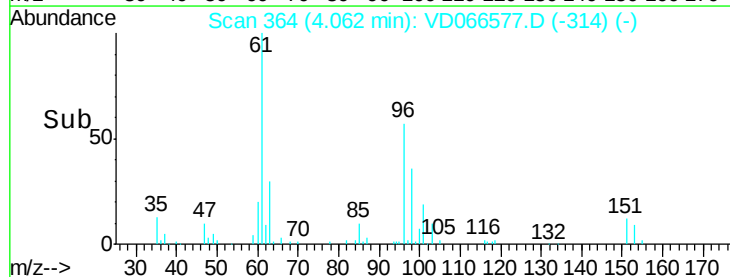
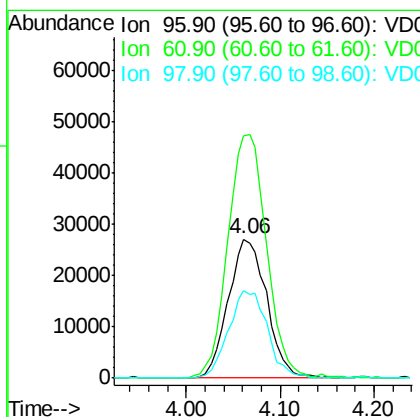
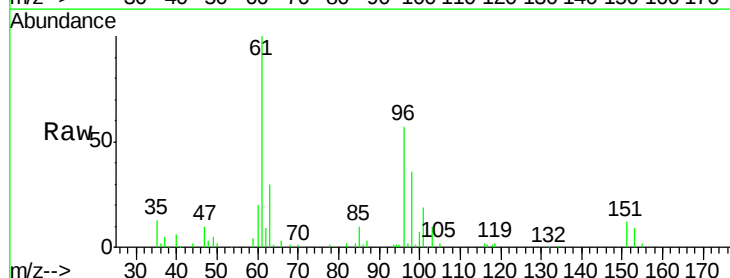
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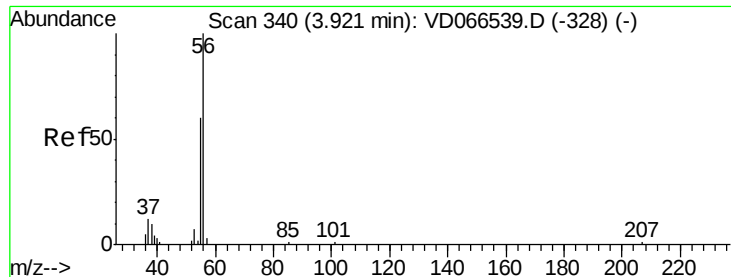


#12

1,1-Dichloroethene
Concen: 19.137 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.4	140.9	211.3
98	63.1	53.2	79.8





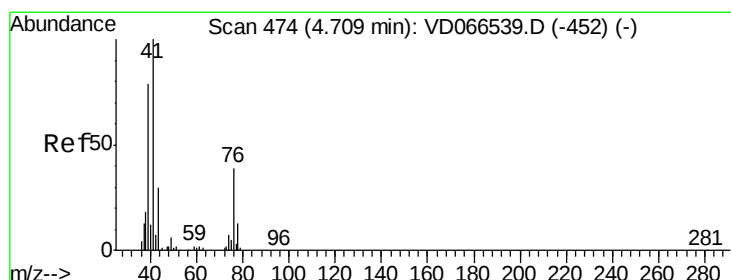
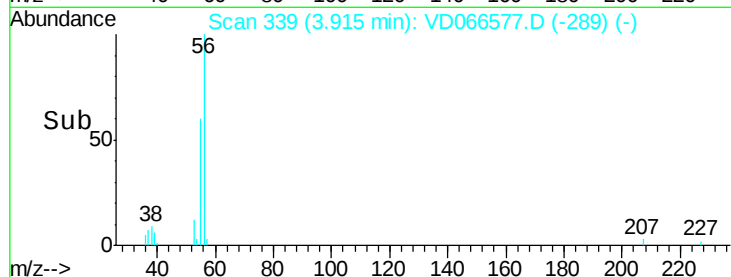
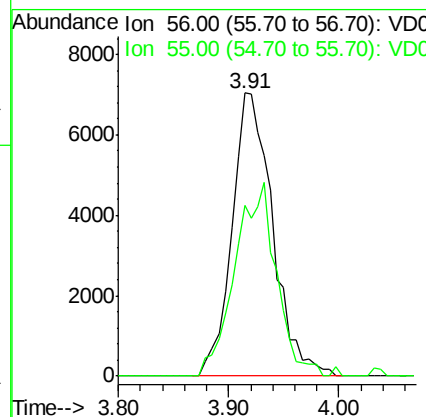
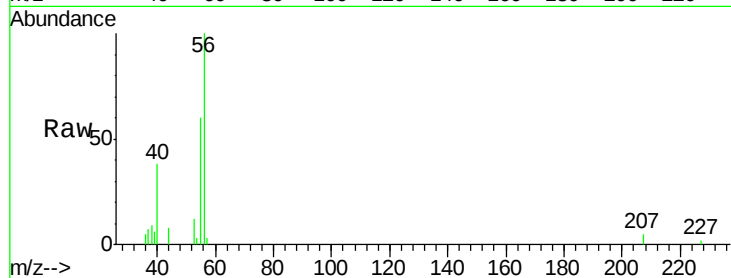
#13
 Acrolein
 Concen: 91.753 ug/l
 RT: 3.91 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Tot Ion	56	Resp	18170
Ion Ratio	100	Lower	Upper
55	69.5	53.6	80.4

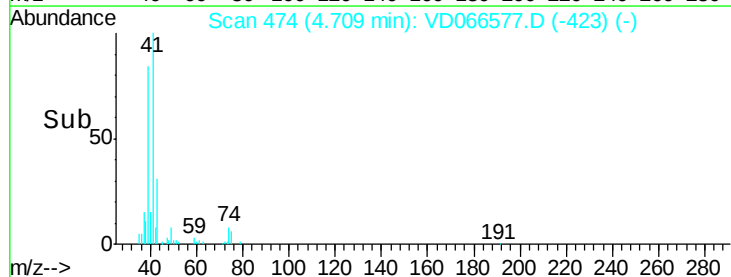
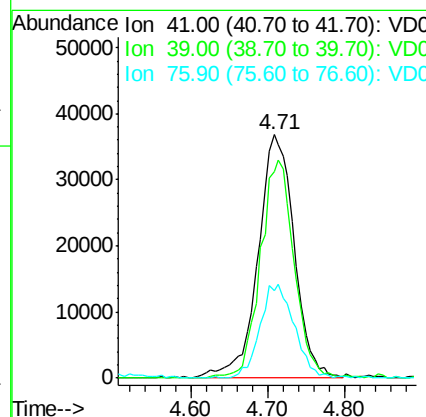
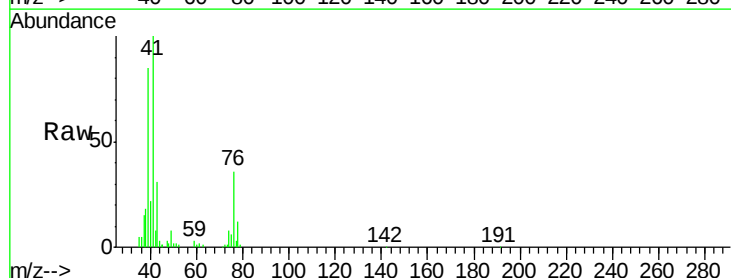
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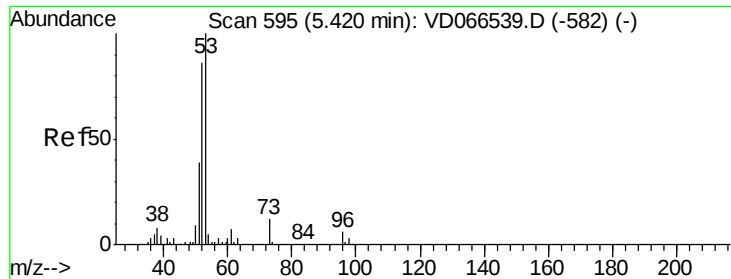
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#14
 Allyl chloride
 Concen: 18.244 ug/l
 RT: 4.71 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion	41	Resp	120589
Ion Ratio	100	Lower	Upper
39	83.7	61.9	92.9
76	36.3	29.0	43.6





#15

Acrylonitrile

Concen: 99.763 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

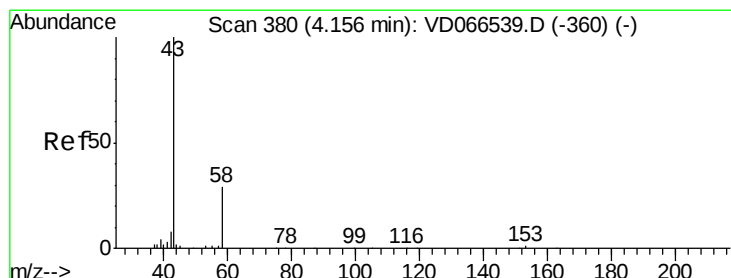
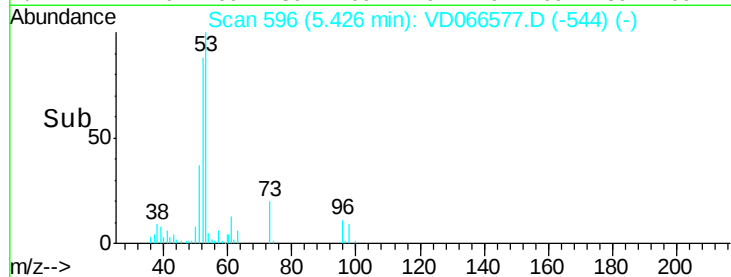
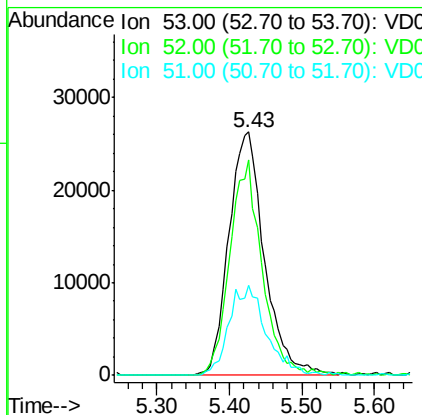
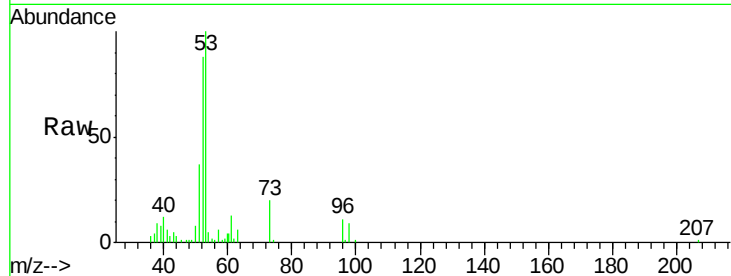
ClientSampleId :

VD0909SBS01

Tot Ion:	53	Resp:	89512
Ion Ratio	Lower	Upper	
53	100		
52	79.6	65.4	98.2
51	38.2	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 101.936 ug/l

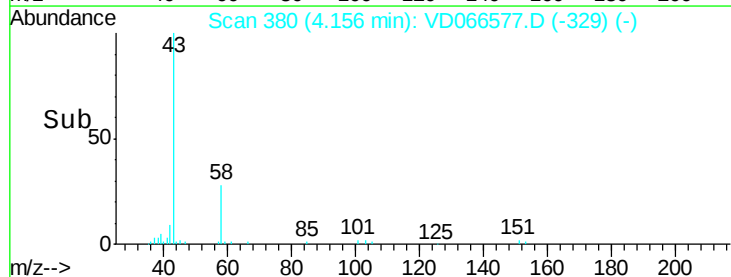
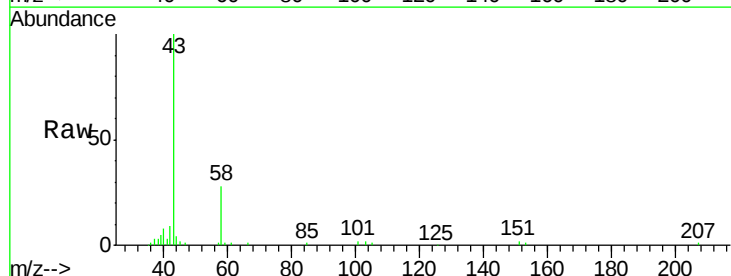
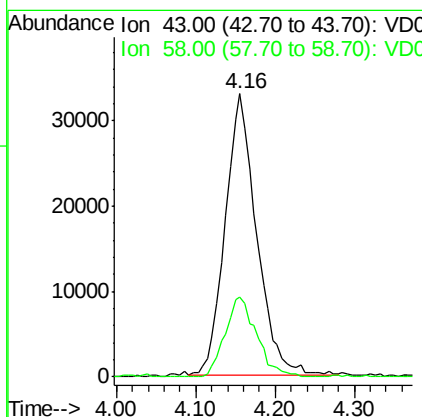
RT: 4.16 min Scan# 380

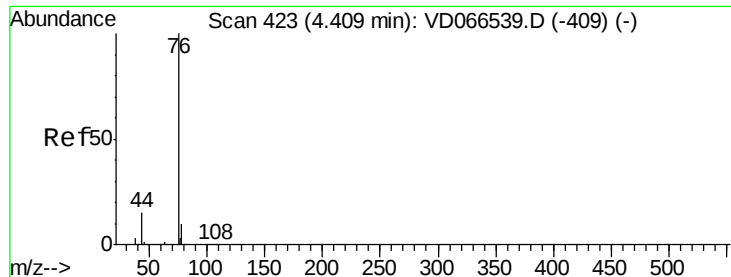
Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Tgt Ion:	43	Resp:	90840
Ion Ratio	Lower	Upper	
43	100		
58	28.3	22.9	34.3





#17

Carbon Disulfide

Concen: 18.352 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD01

Tot Ion: 76 Resp: 243315

Ion Ratio Lower Upper

76 100

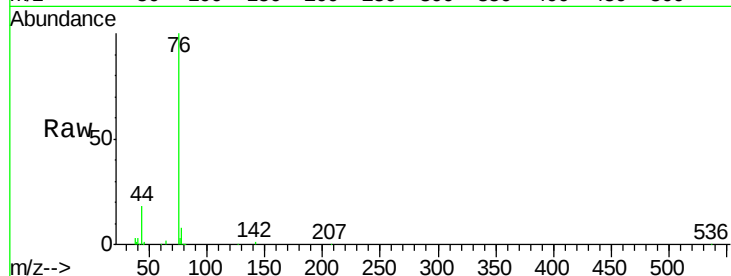
78 8.4 7.6 11.4

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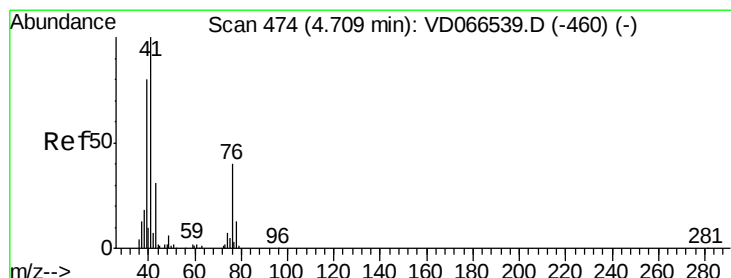
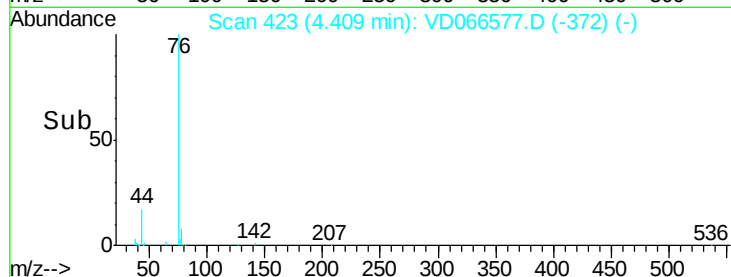
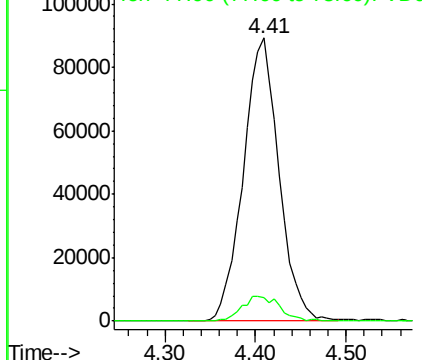
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 19.469 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066577.D

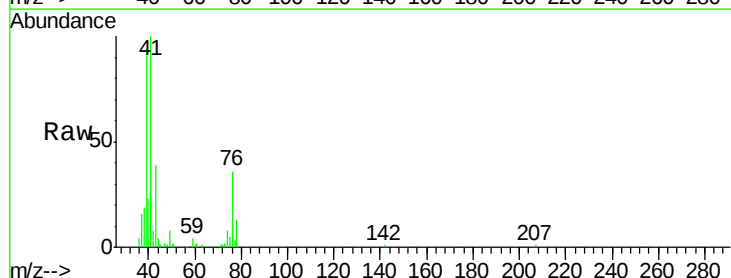
Acq: 09 Sep 2020 12:29

Tgt Ion: 43 Resp: 41358

Ion Ratio Lower Upper

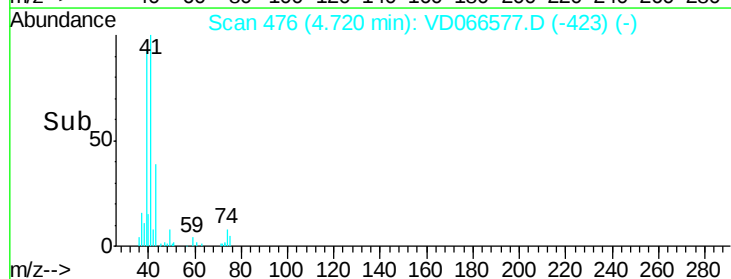
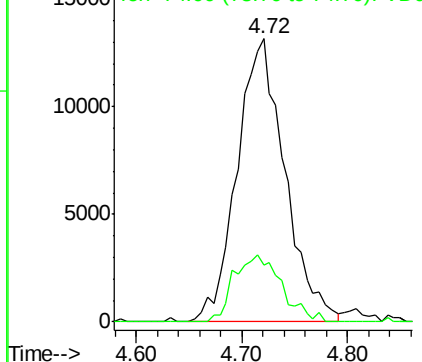
43 100

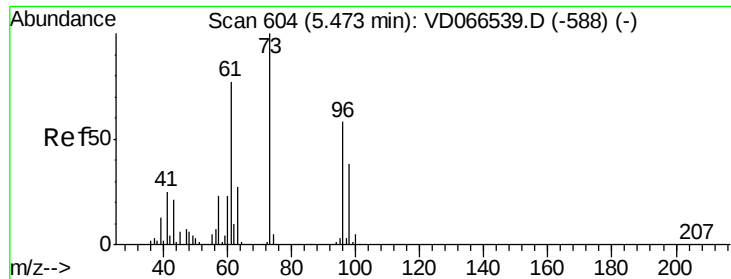
74 23.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





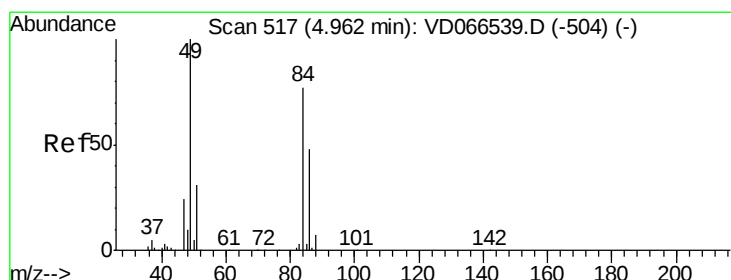
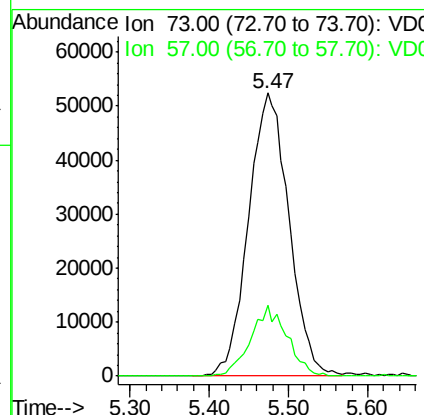
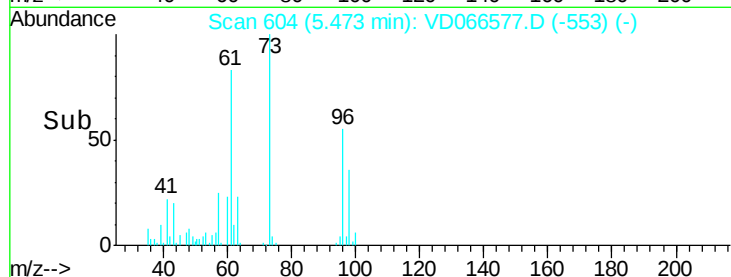
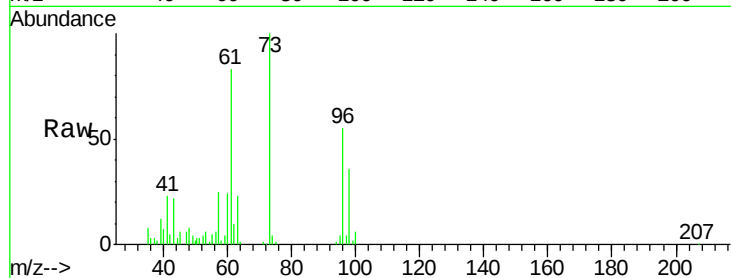
#19
Methyl tert-butyl Ether
Concen: 19.652 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion: 73 Resp: 185862
Ion Ratio Lower Upper
73 100
57 25.1 18.3 27.5

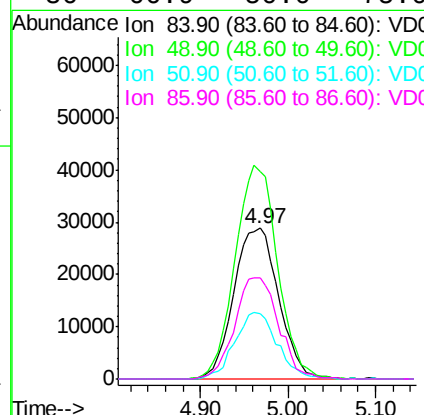
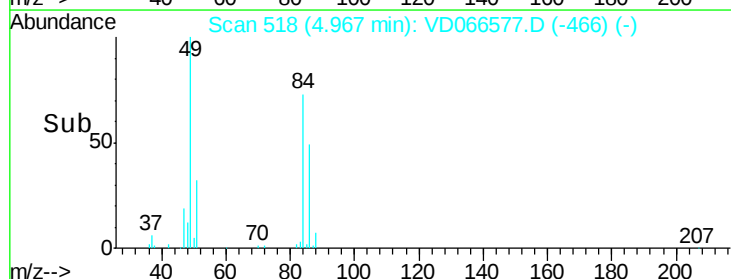
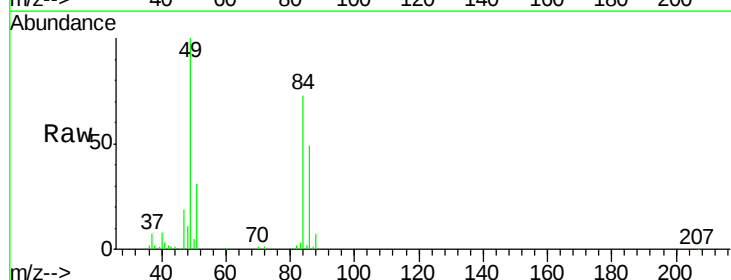
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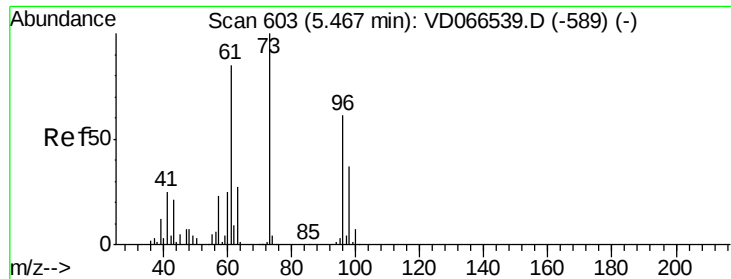
MMDadoda
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#20
Methylene Chloride
Concen: 16.294 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion: 84 Resp: 100801
Ion Ratio Lower Upper
84 100
49 136.6 104.3 156.5
51 43.1 32.2 48.4
86 66.9 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 18.805 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

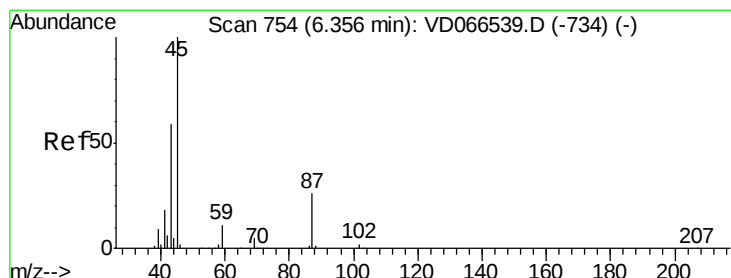
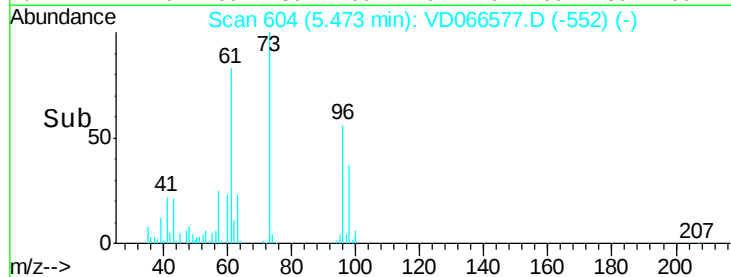
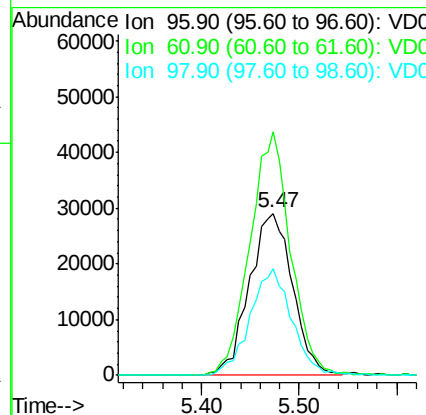
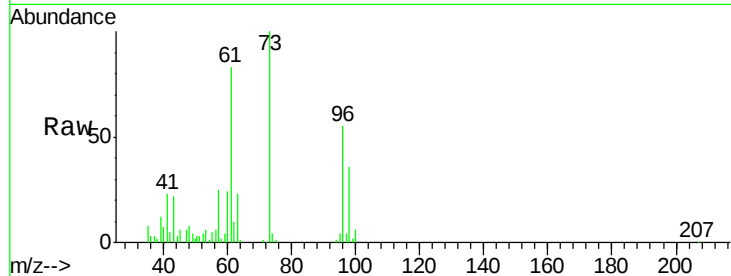
ClientSampleId :

VD0909SBS01

Tot Ion:	96	Resp:	90061
Ion	Ratio	Lower	Upper
96	100		
61	150.2	112.1	168.1
98	65.5	48.6	72.8

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#22

Diisopropyl ether

Concen: 18.938 ug/l

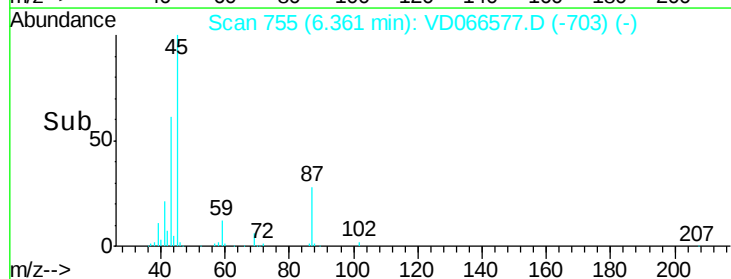
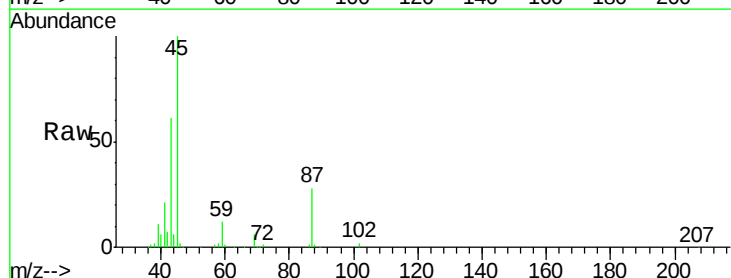
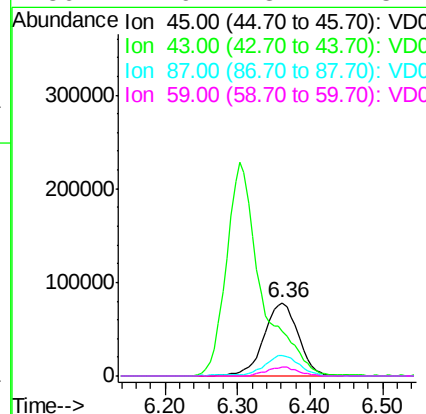
RT: 6.36 min Scan# 755

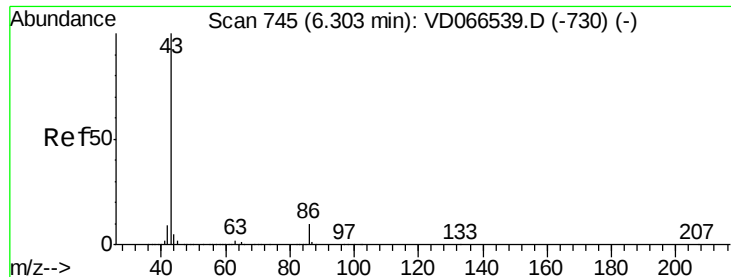
Delta R.T. 0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Tgt Ion:	45	Resp:	257414
Ion	Ratio	Lower	Upper
45	100		
43	60.9	47.0	70.4
87	27.3	21.3	31.9
59	11.9	8.7	13.1





#23

Vinyl Acetate

Concen: 98.189 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

Tot Ion: 43 Resp: 759489

Ion Ratio Lower Upper

43 100

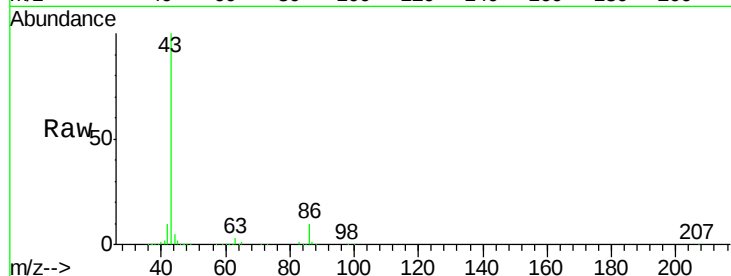
86 9.9 7.7 11.5

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

250000

200000

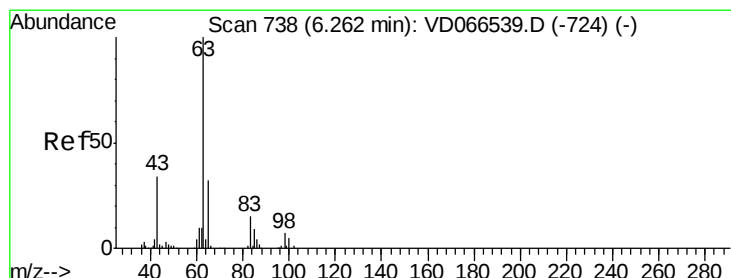
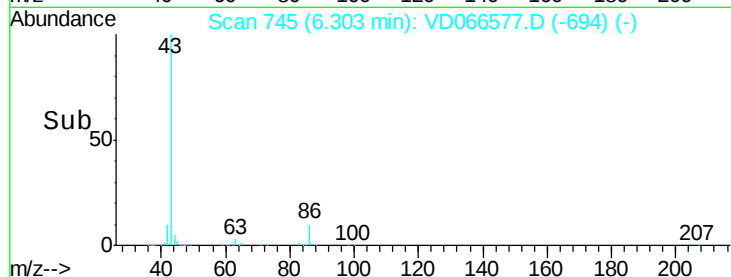
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.592 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

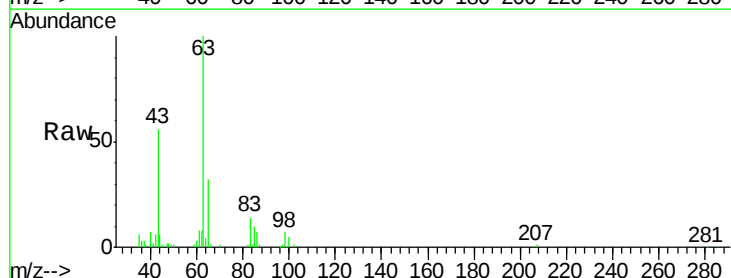
Tgt Ion: 63 Resp: 158913

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 5.0 2.5 7.4



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

6.27

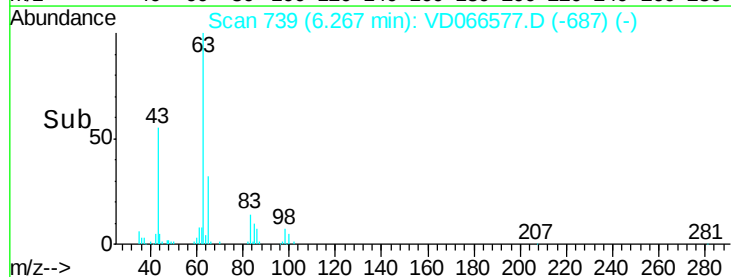
60000

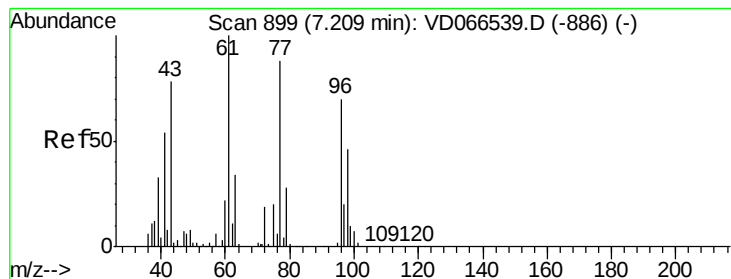
40000

20000

0

Time-->





#25

2-Butanone

Concen: 96.653 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

Tot Ion: 43 Resp: 115622

Ion Ratio Lower Upper

43 100

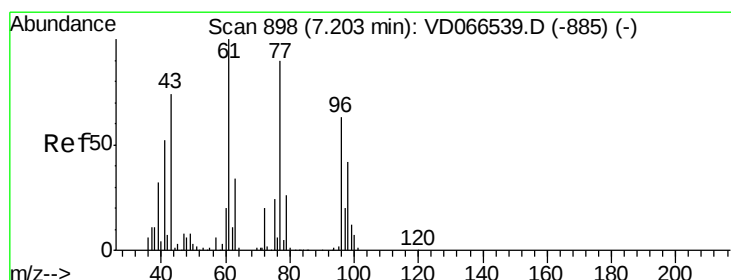
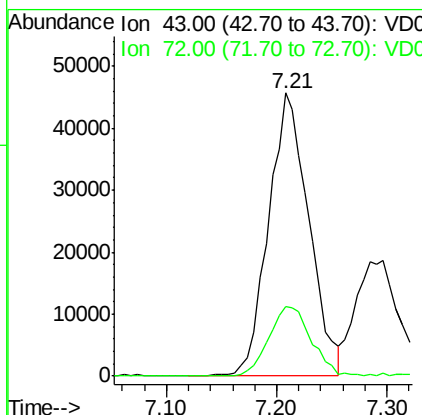
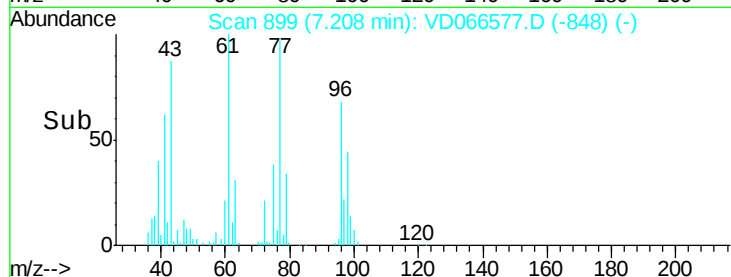
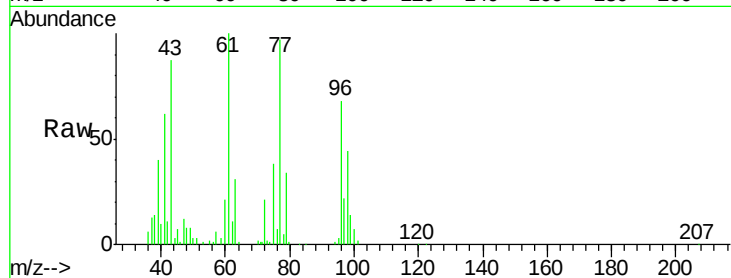
72 24.5 19.8 29.6

Manual Integrations

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9/10/2020 10:46:49 AM



#26

2,2-Dichloropropane

Concen: 19.168 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066577.D

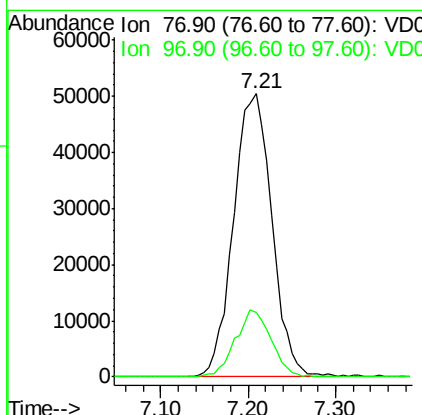
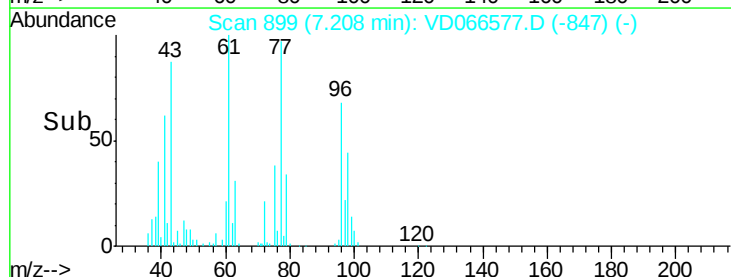
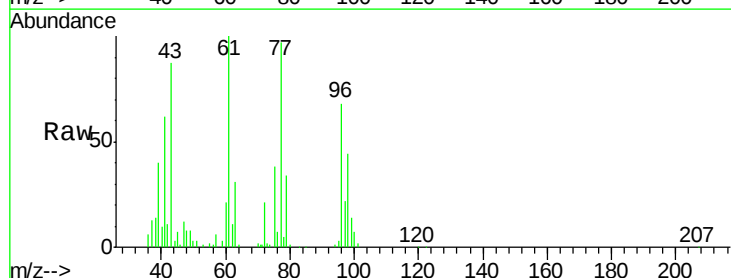
Acq: 09 Sep 2020 12:29

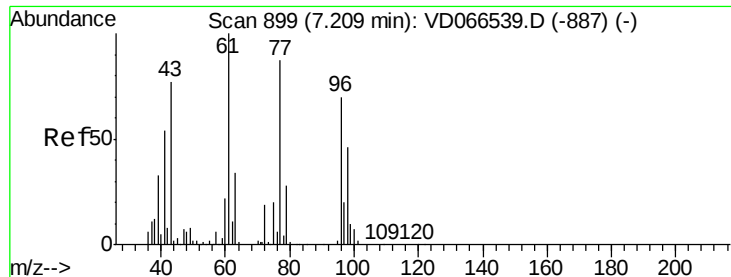
Tgt Ion: 77 Resp: 150287

Ion Ratio Lower Upper

77 100

97 21.9 10.8 32.3





#27

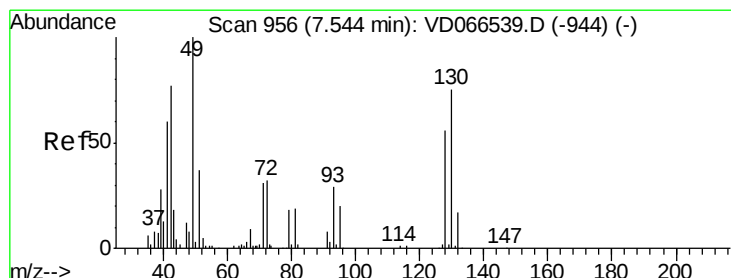
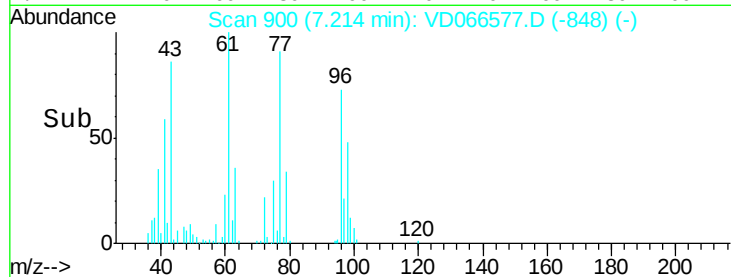
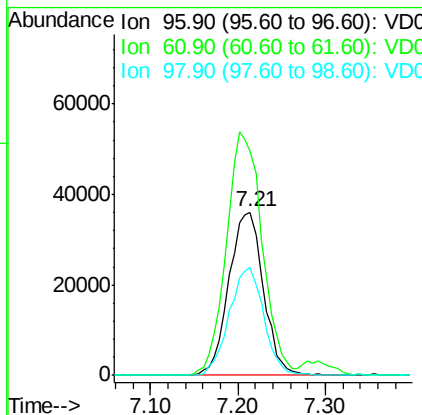
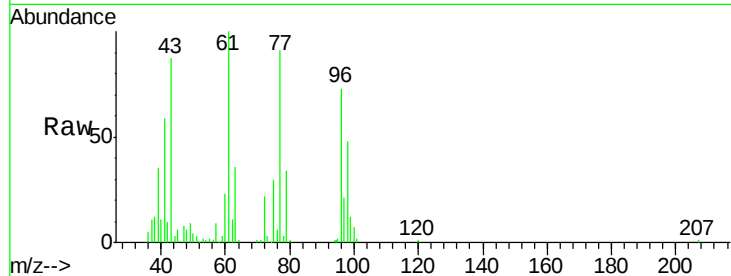
cis-1,2-Dichloroethene
 Concen: 18.775 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	154.8	0.0	301.0	
98	65.9	0.0	129.8	

Manual Integrations
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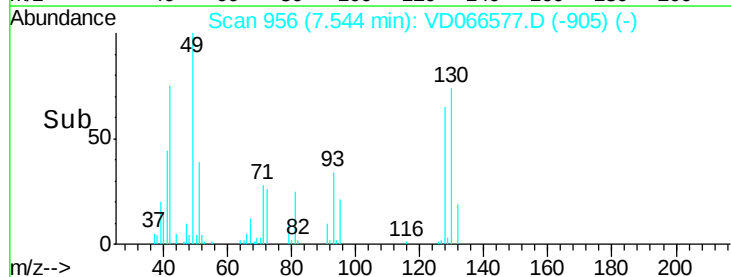
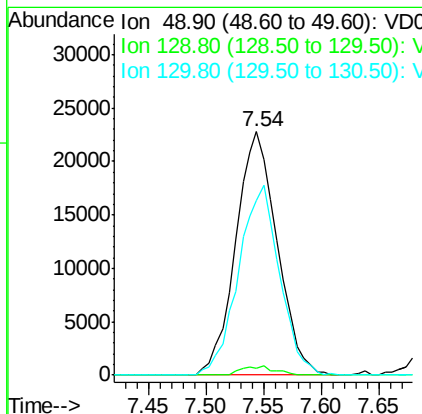
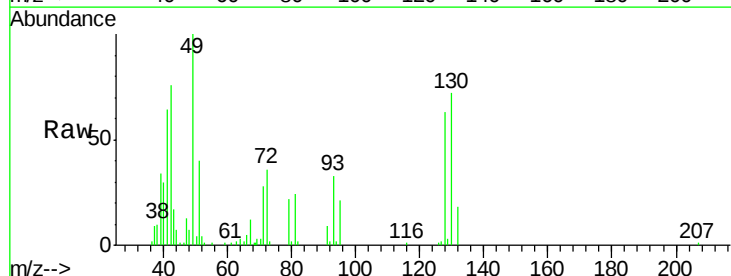
MMDadoda
 9/10/2020 10:46:49 AM

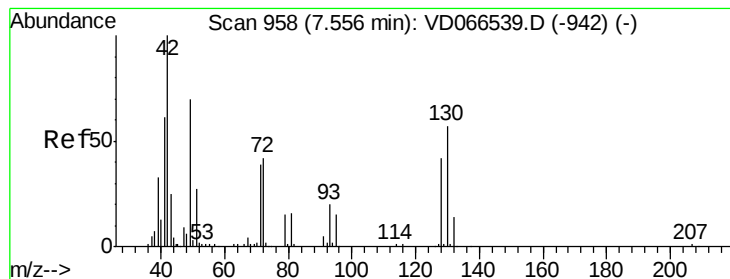


#28

Bromochloromethane
 Concen: 17.243 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.9	0.0	2.6#	
130	77.5	58.2	87.2	





#29

Tetrahydrofuran

Concen: 95.459 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

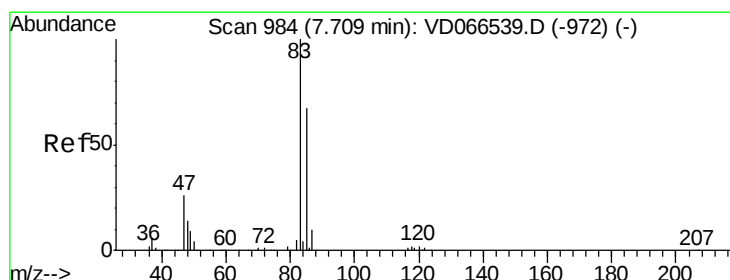
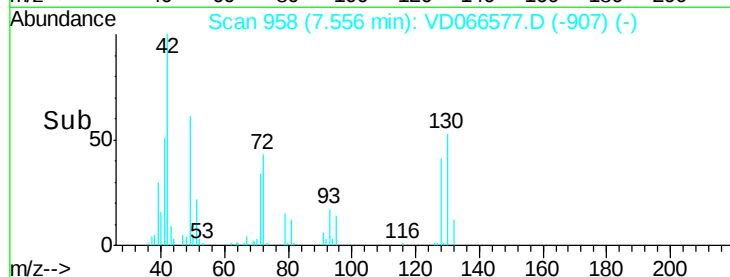
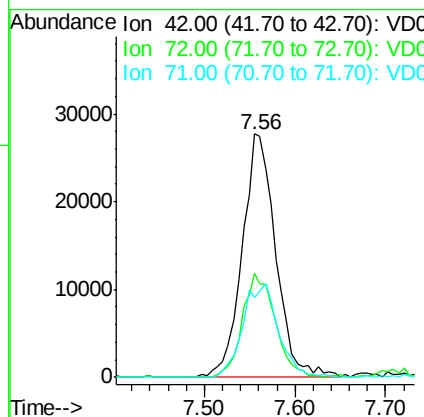
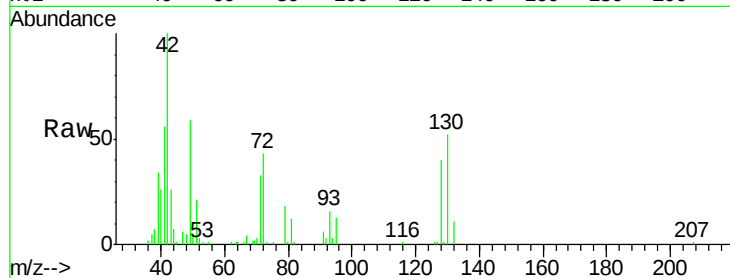
ClientSampleId :

VD0909SBS01

Tot Ion:	42	Resp:	71119
Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.4	50.0
71	40.8	31.9	47.9

Manual Integrations
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#30

Chloroform

Concen: 18.821 ug/l

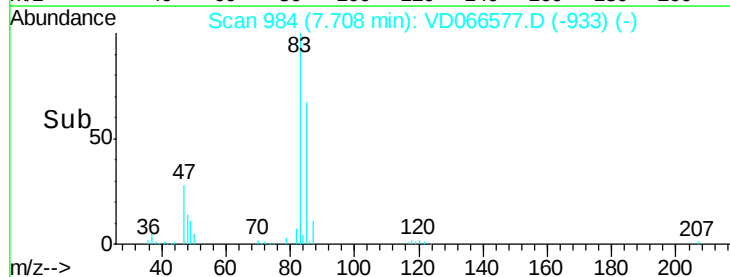
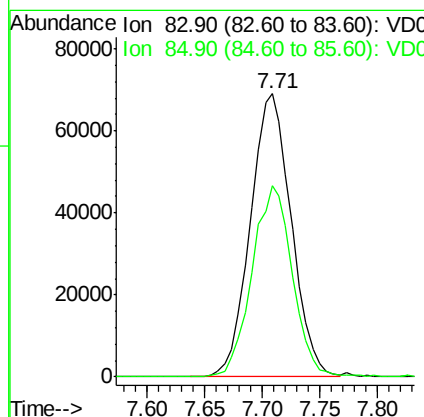
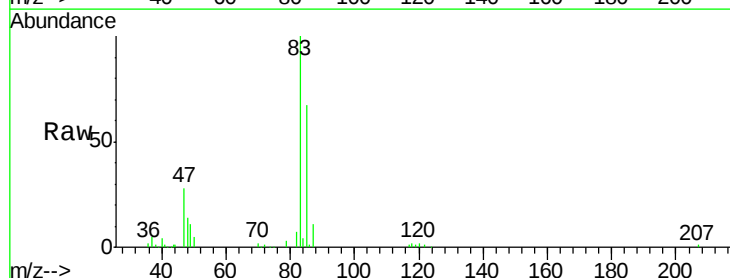
RT: 7.71 min Scan# 984

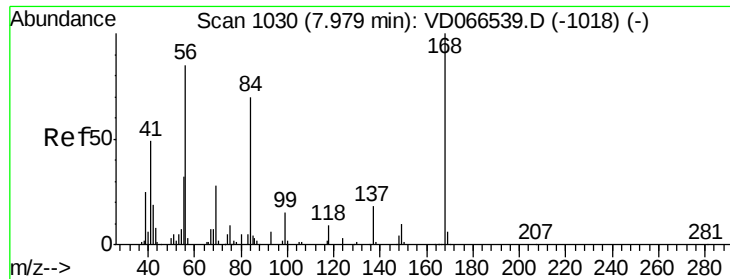
Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Tgt Ion:	83	Resp:	170196
Ion	Ratio	Lower	Upper
83	100		
85	67.4	53.6	80.4





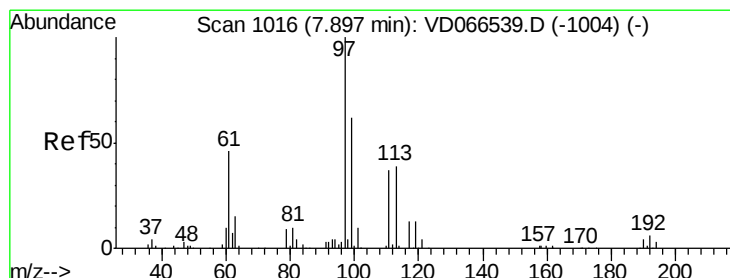
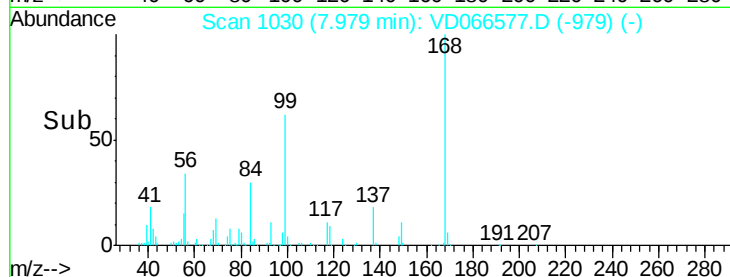
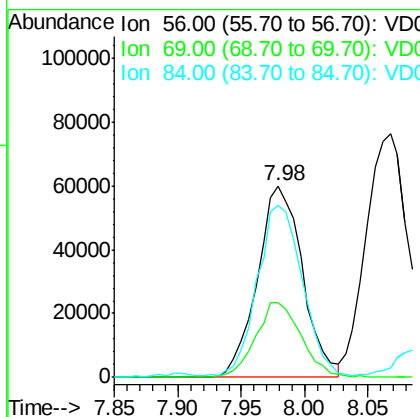
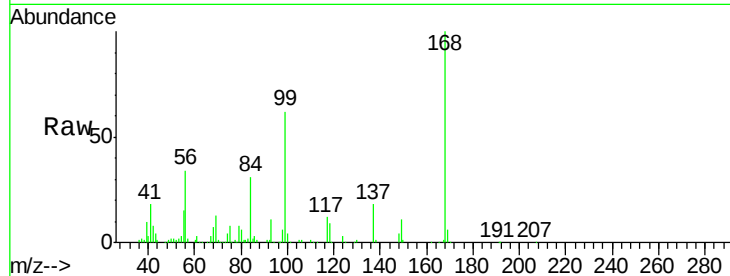
#31
Cyclohexane
Concen: 18.817 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	38.8	26.3	39.5	
84	88.4	66.1	99.1	

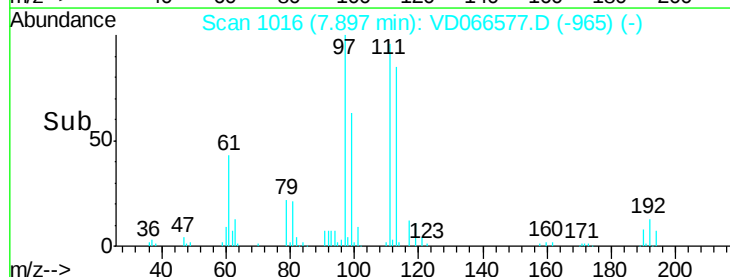
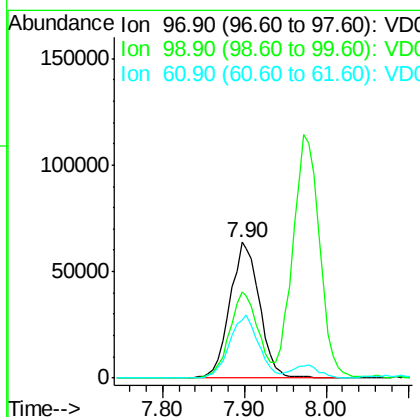
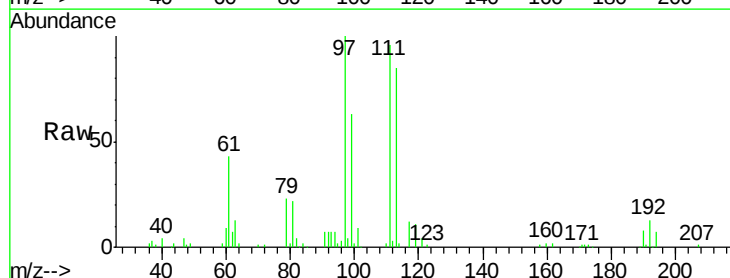
Manual Integrations
APPROVED

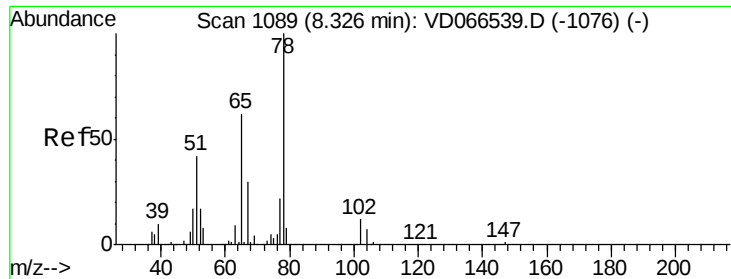
MMDadoda
9/10/2020 10:46:49 AM



#32
1,1,1-Trichloroethane
Concen: 18.868 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	62.3	51.4	77.0	
61	45.3	37.4	56.0	





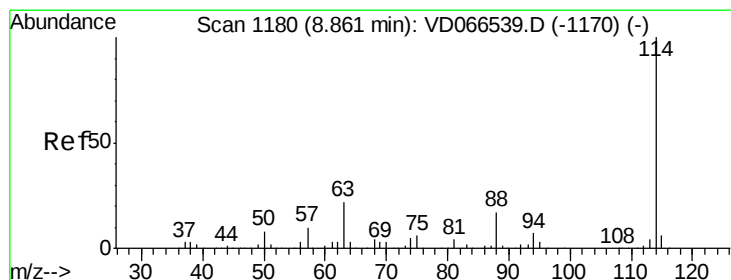
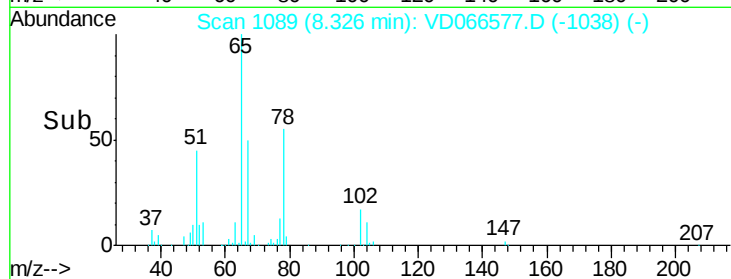
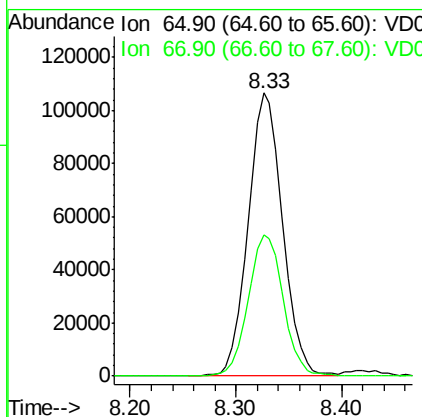
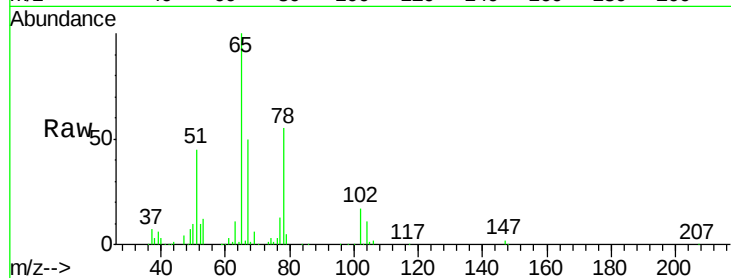
#33
 1,2-Dichloroethane-d4
 Concen: 49.870 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	241531		
67	50.8	0.0	102.8	

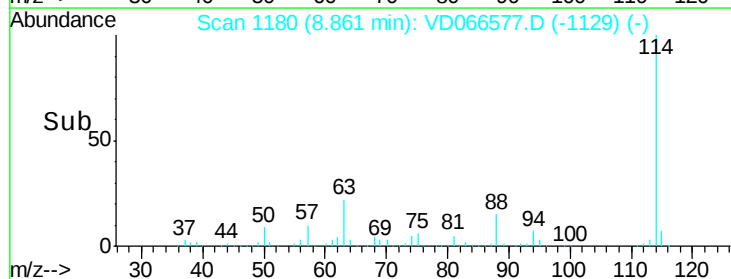
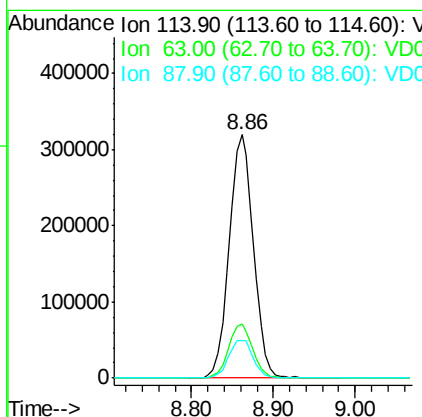
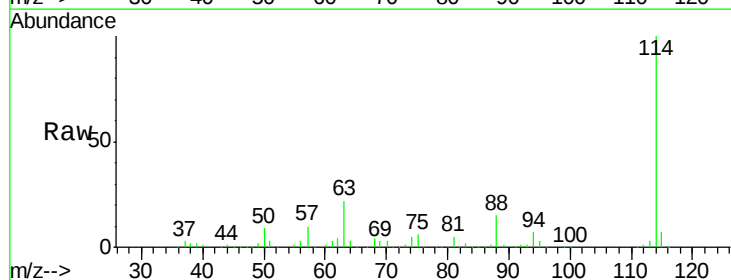
Manual Integrations
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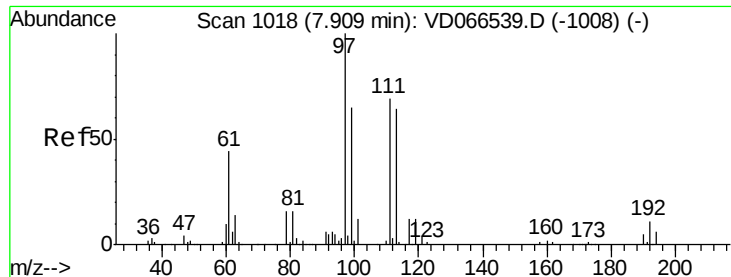
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	658037		
63	22.2	0.0	43.2	
88	15.4	0.0	33.2	





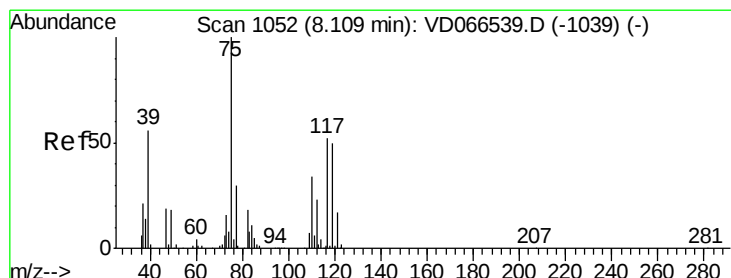
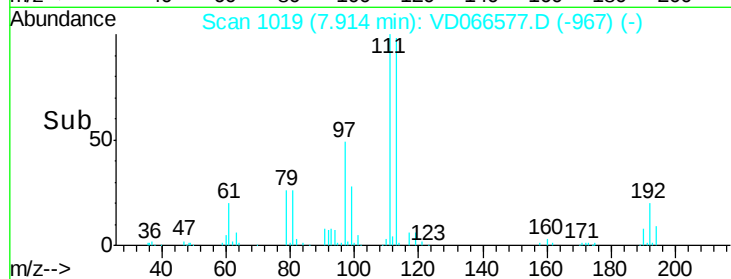
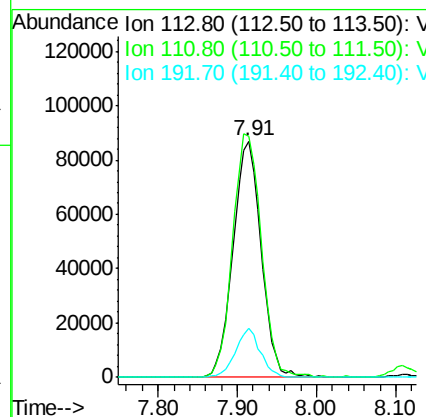
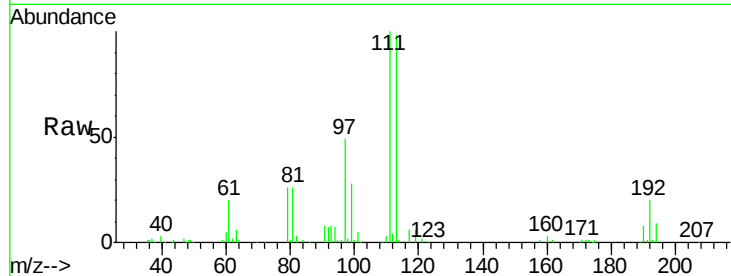
#35
Dibromofluoromethane
Concen: 48.151 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	213751		
111	105.2	83.2	124.8	
192	18.3	13.7	20.5	

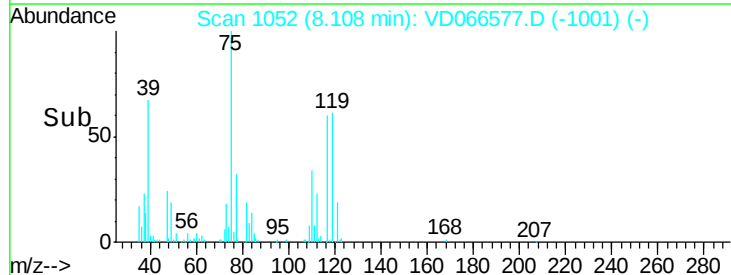
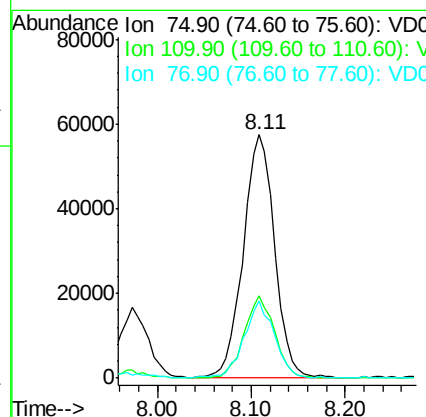
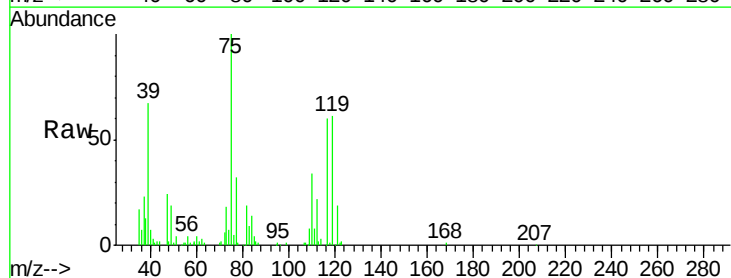
Manual Integrations
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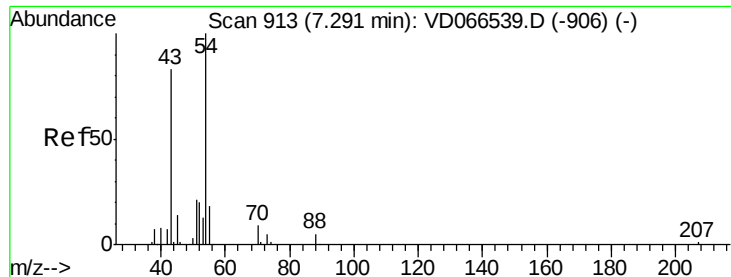
MMDadoda
9/10/2020 10:46:49 AM



#36
1,1-Dichloropropene
Concen: 19.394 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	132811		
110	32.8	17.3	52.0	
77	30.7	25.1	37.7	





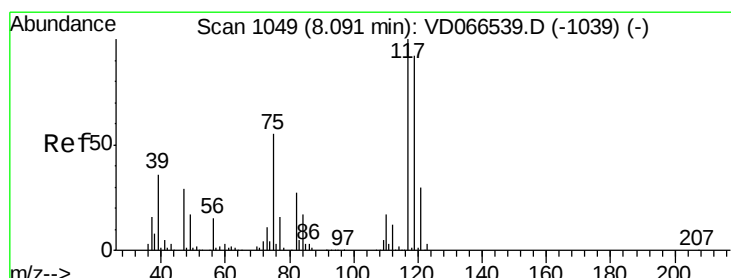
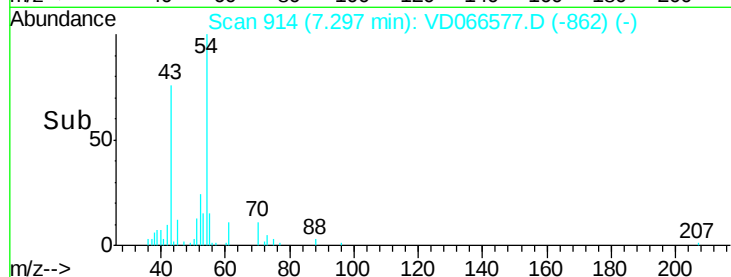
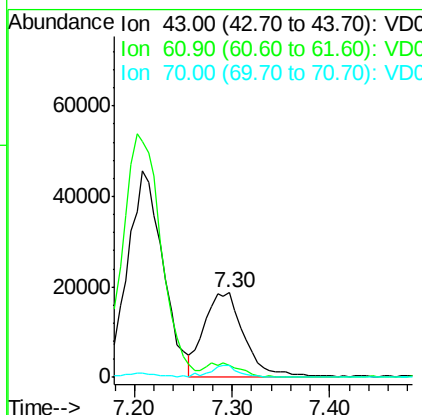
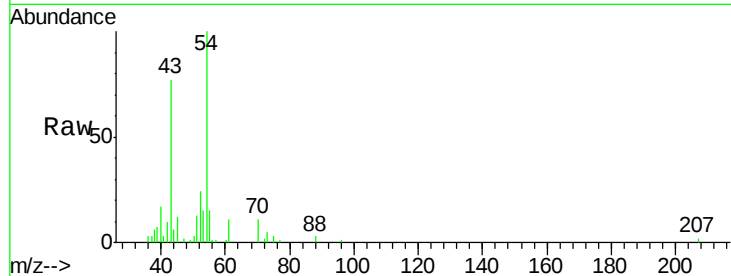
#37
Ethyl Acetate
Concen: 19.698 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.8	17.8
70	10.2	7.9	11.9

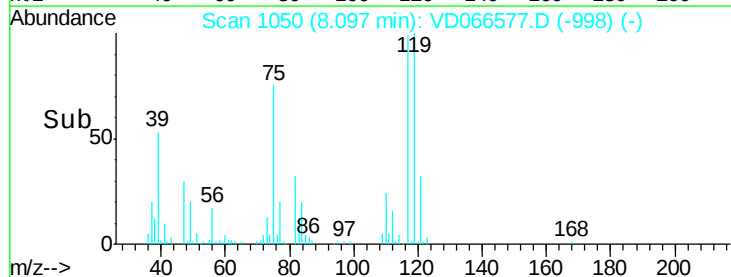
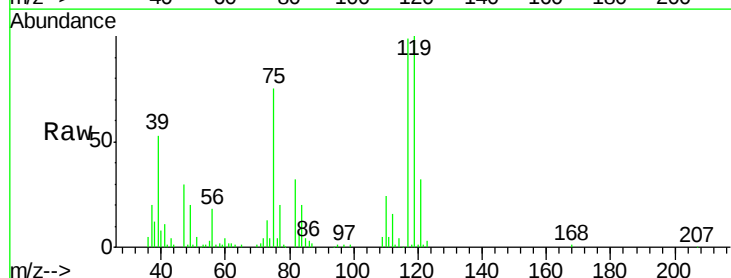
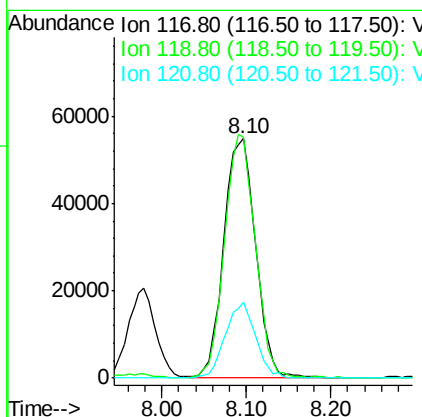
Manual Integrations
APPROVED

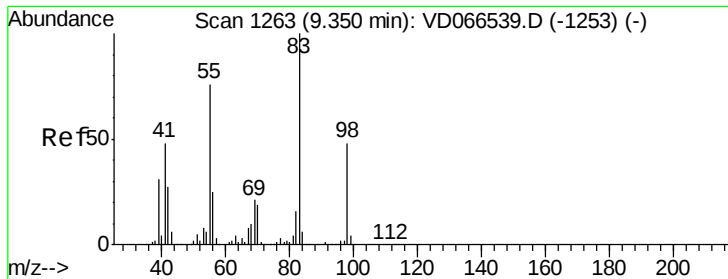
MMDadoda
9/10/2020 10:46:49 AM



#38
Carbon Tetrachloride
Concen: 19.769 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.6	73.9	110.9
121	32.0	24.1	36.1





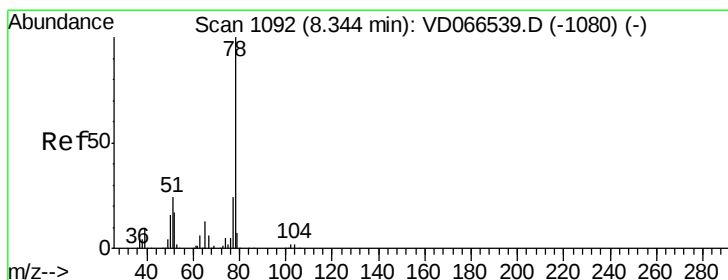
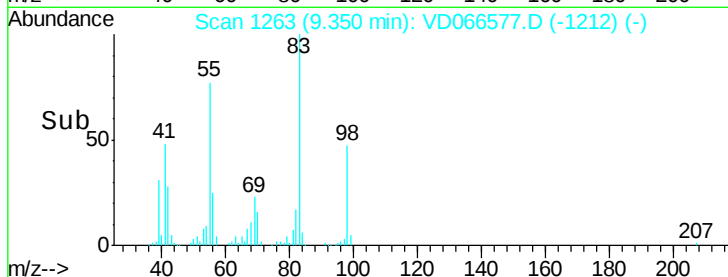
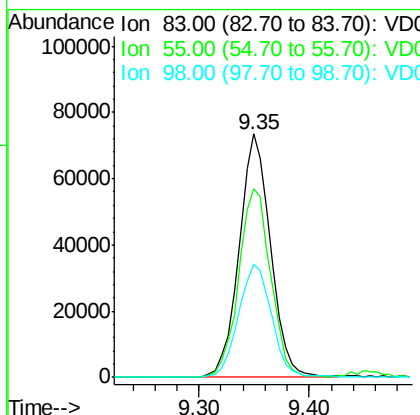
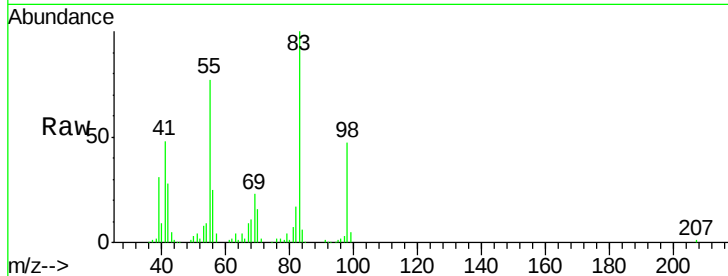
#39
Methvlcvclohexane
Concen: 19.246 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	60.8	91.2
98	46.5	38.6	58.0

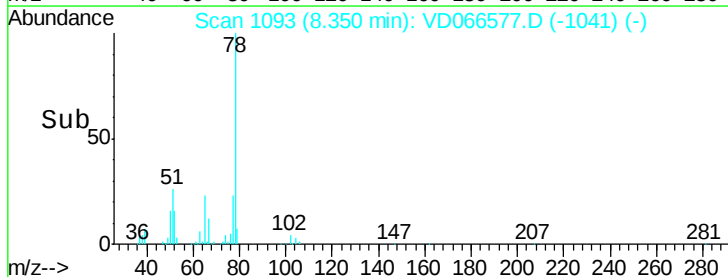
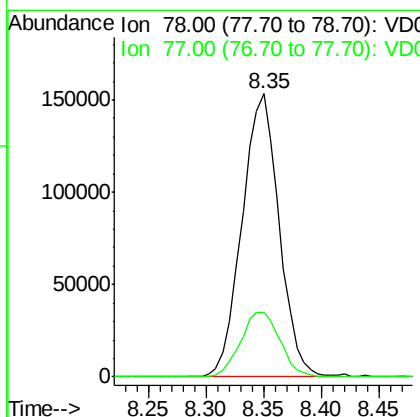
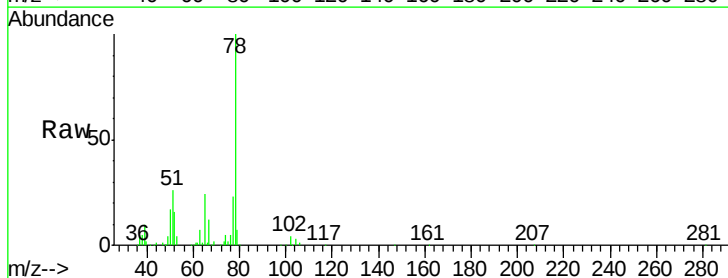
Manual Integrations
APPROVED

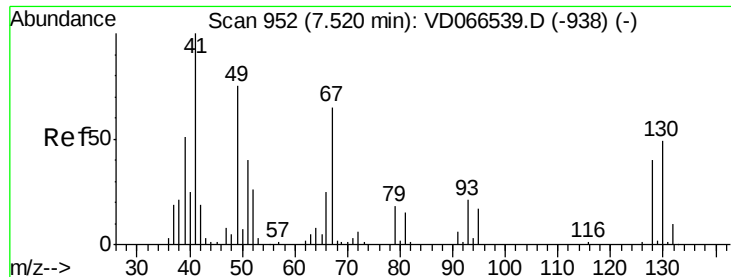
MMDadoda
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#40
Benzene
Concen: 18.319 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.1	28.7





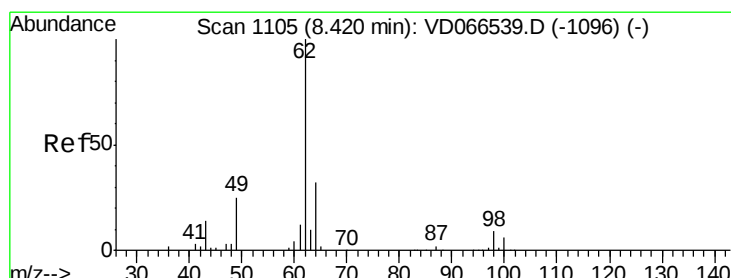
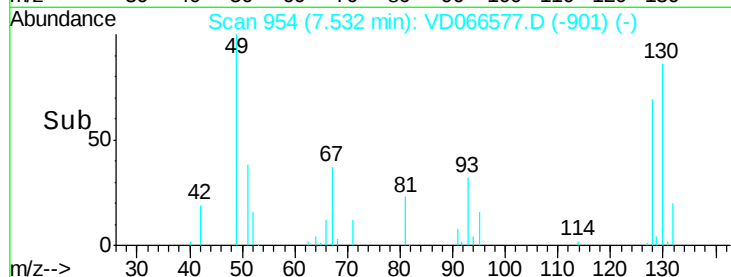
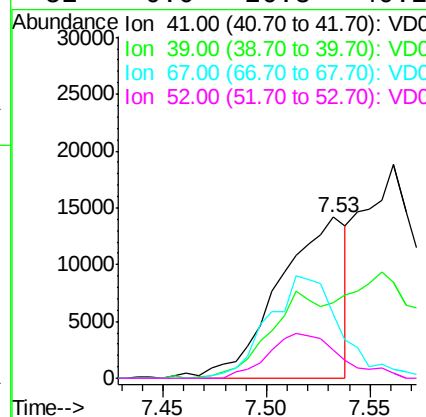
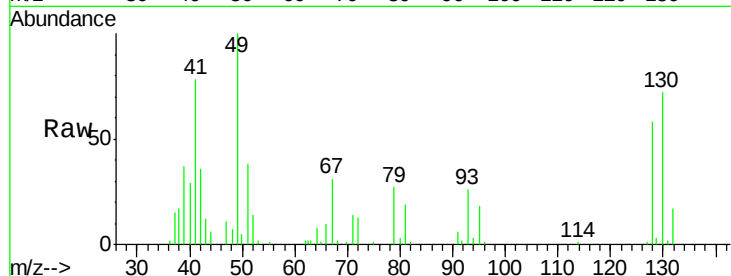
#41
Methacrylonitrile
Concen: 24.333 ug/l m
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion:	41	Resp:	32119
Ion	Ratio	Lower	Upper
41	100		
39	64.5	53.6	80.4
67	0.0	59.2	88.8#
52	0.0	26.8	40.2#

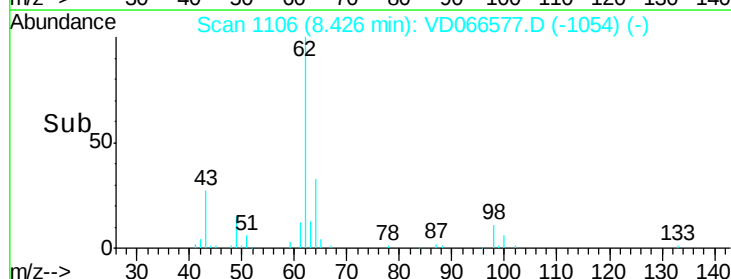
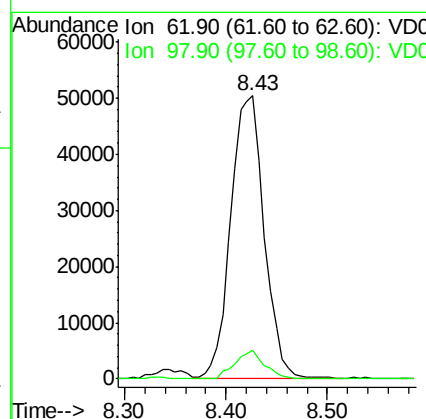
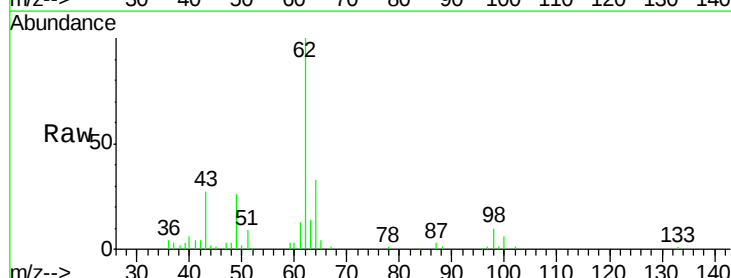
Manual Integrations
APPROVED

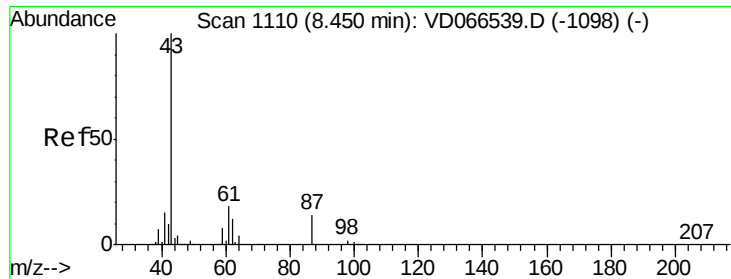
MMDadoda
9/10/2020 10:46:49 AM



#42
1,2-Dichloroethane
Concen: 18.987 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion:	62	Resp:	115381
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6





#43

Isopropyl Acetate

Concen: 19.435 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

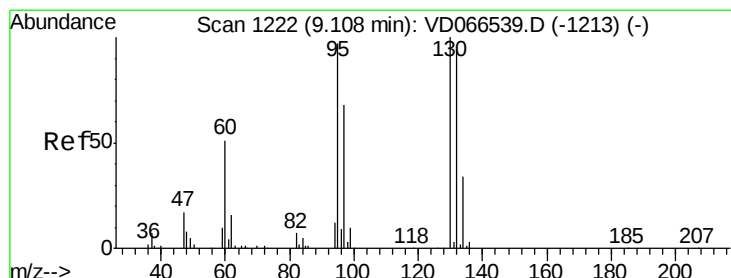
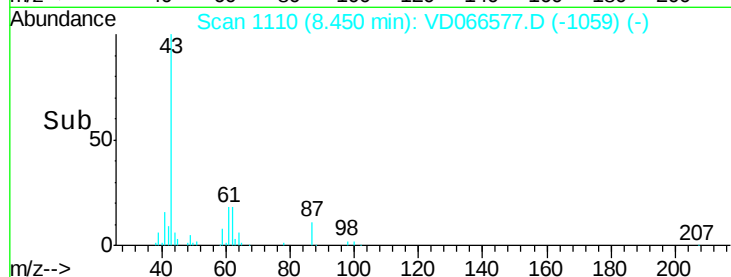
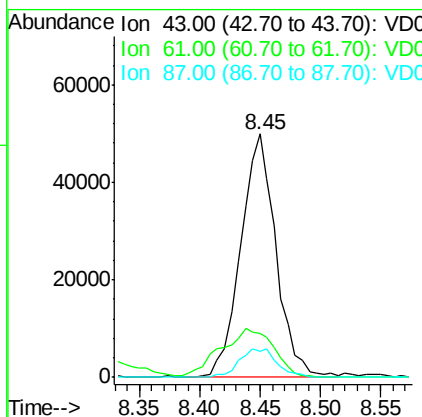
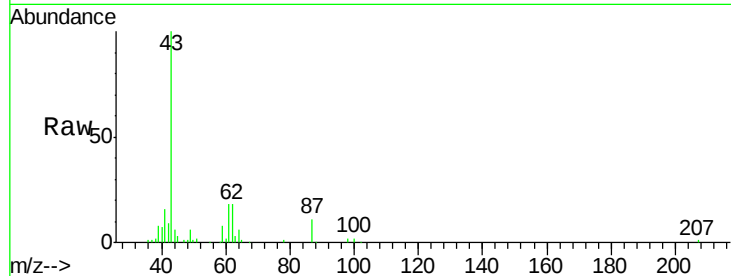
ClientSampleId :

VD0909SBS01

Tot Ion:	43	Resp:	101563
Ion	Ratio	Lower	Upper
43	100		
61	30.2	23.8	35.8
87	12.7	10.7	16.1

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#44

Trichloroethene

Concen: 19.123 ug/l

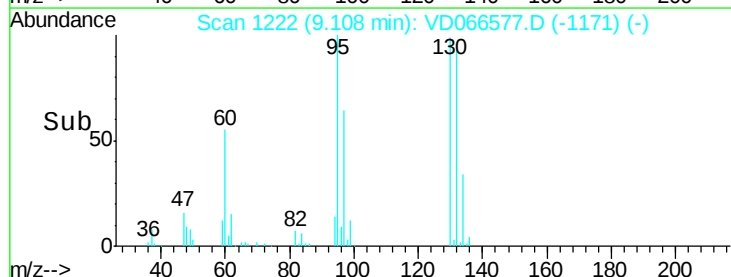
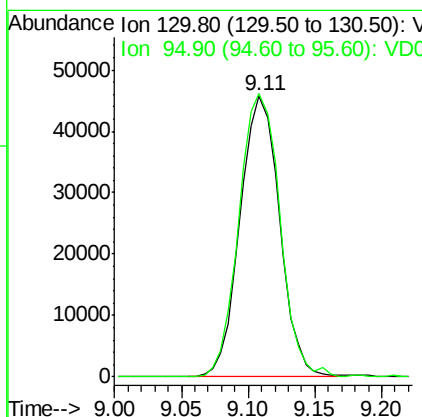
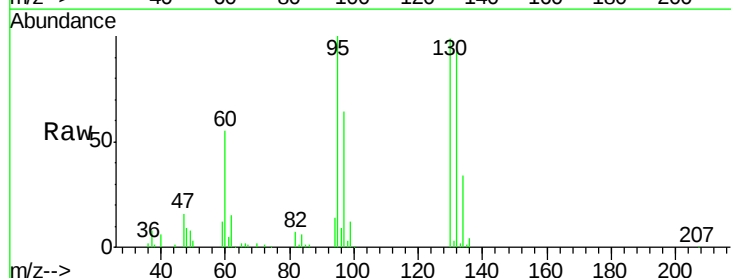
RT: 9.11 min Scan# 1222

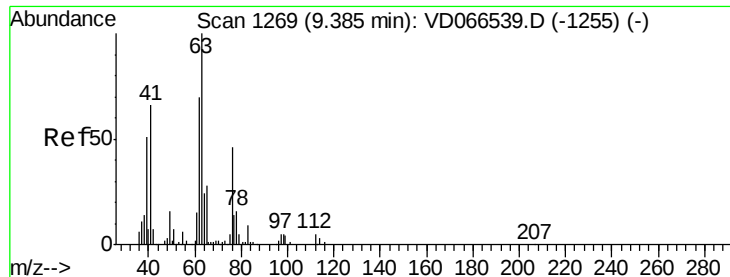
Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Tgt Ion:	130	Resp:	94079
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	194.4





#45

1,2-Dichloropropane

Concen: 18.486 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

Tot Ion: 63 Resp: 87194

Ion Ratio Lower Upper

63 100

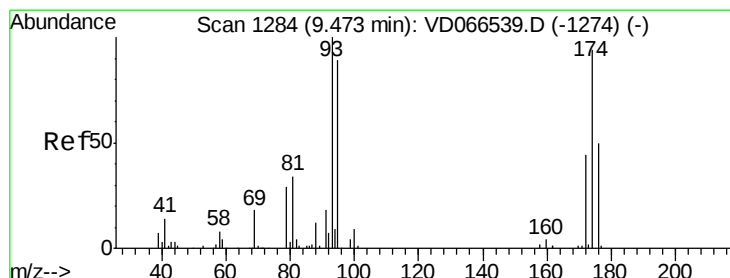
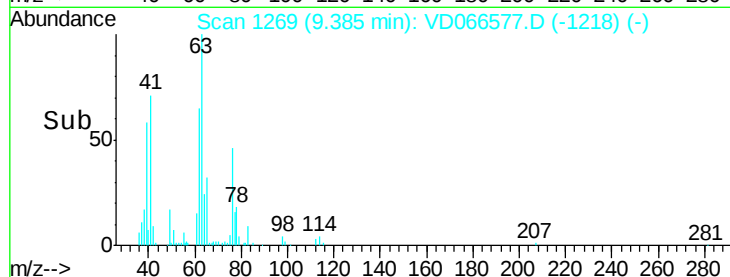
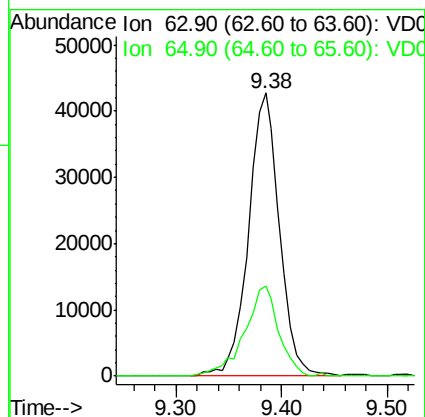
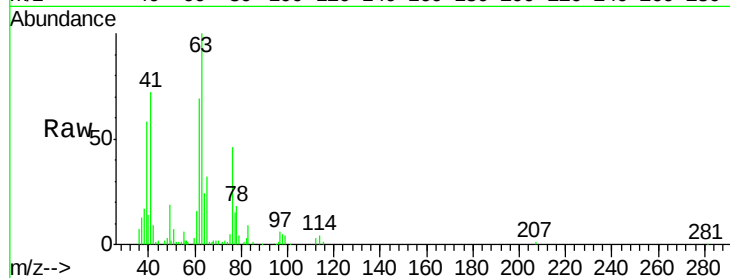
65 31.7 22.6 34.0

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#46

Dibromomethane

Concen: 19.629 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

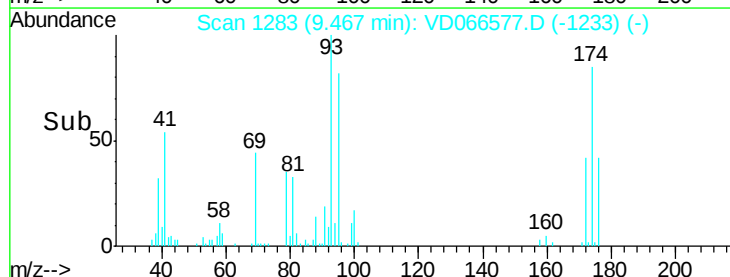
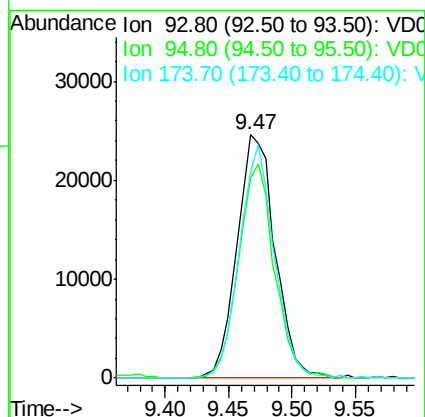
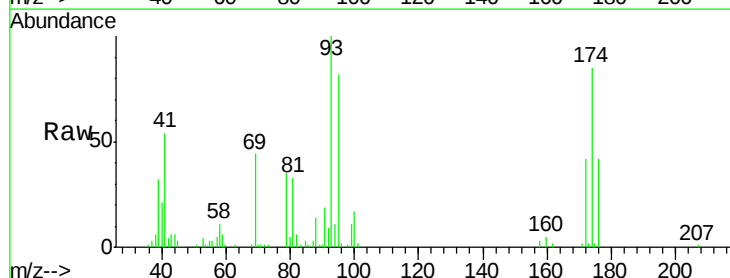
Tgt Ion: 93 Resp: 51079

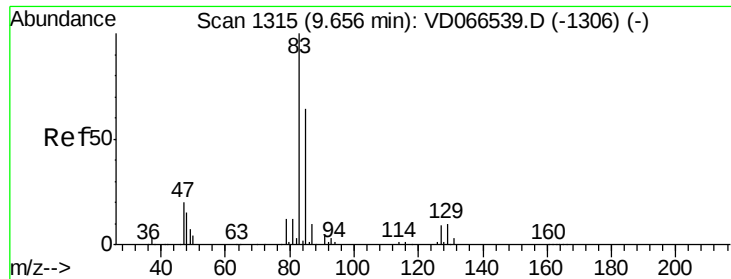
Ion Ratio Lower Upper

93 100

95 83.6 68.7 103.1

174 88.2 70.0 105.0





#47

Bromodichloromethane

Concen: 19.268 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

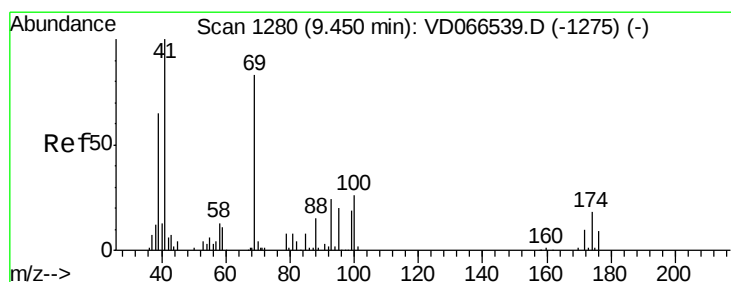
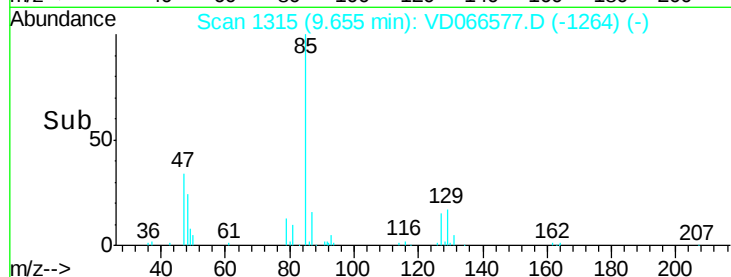
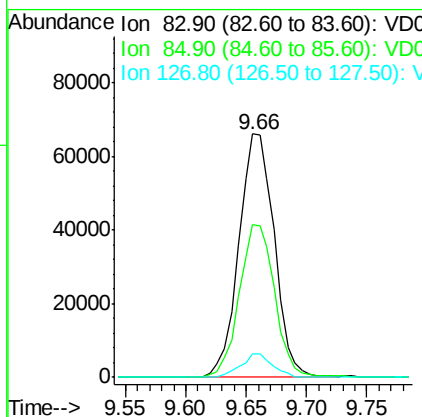
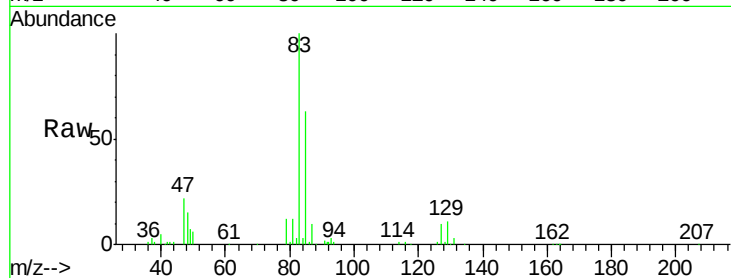
ClientSampleId :

VD0909SBS01

Tot Ion:	83	Resp:	135656
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.1	76.7
127	9.7	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.674 ug/l

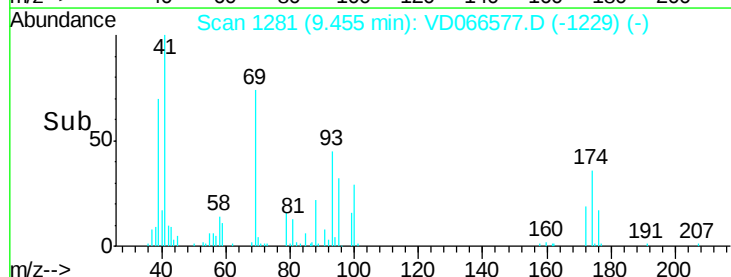
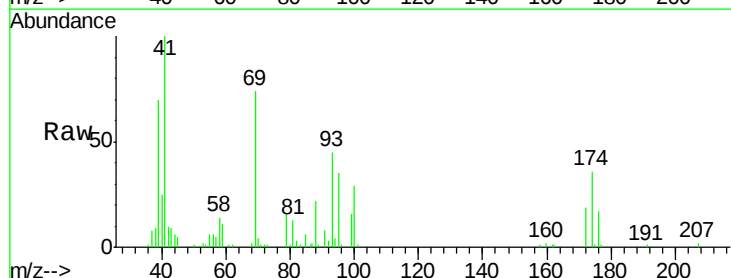
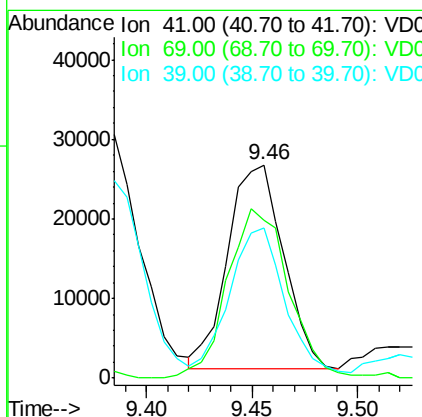
RT: 9.46 min Scan# 1281

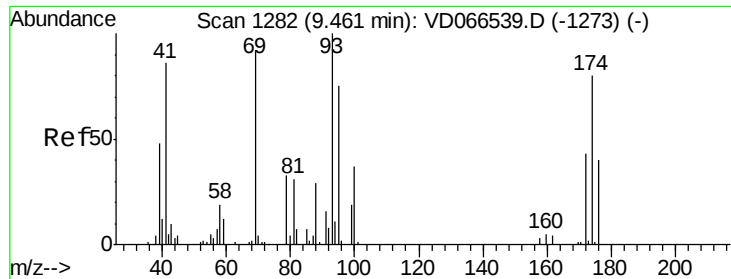
Delta R.T. 0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Tgt Ion:	41	Resp:	46702
Ion	Ratio	Lower	Upper
41	100		
69	91.7	64.5	96.7
39	69.6	46.6	69.8





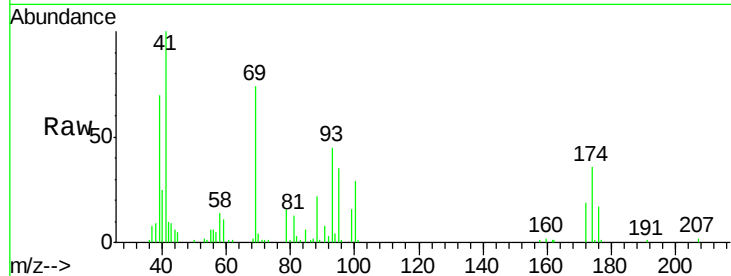
#49
1,4-Dioxane
Concen: 422.751 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion	88	Resp	12069
Ion Ratio	Lower	Upper	
88	100		
43	38.6	28.3	42.5
58	68.3	56.1	84.1

Manual Integrations
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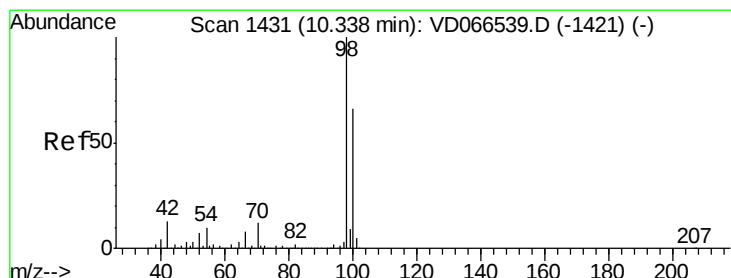
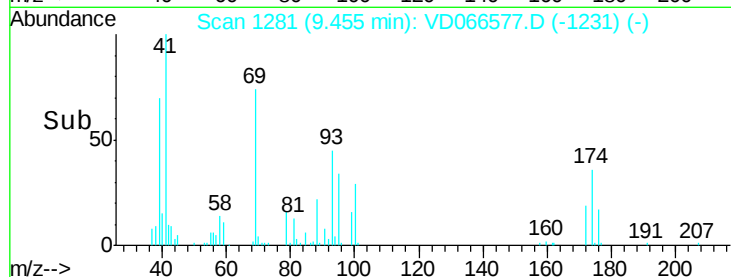
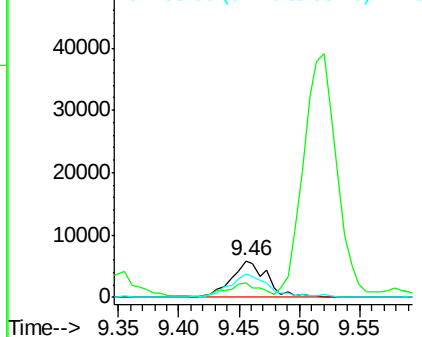


Abundance

Ion 88.00 (87.70 to 88.70): VDC

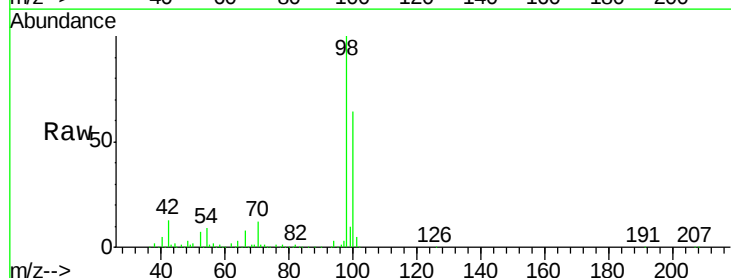
Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50
Toluene-d8
Concen: 49.561 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

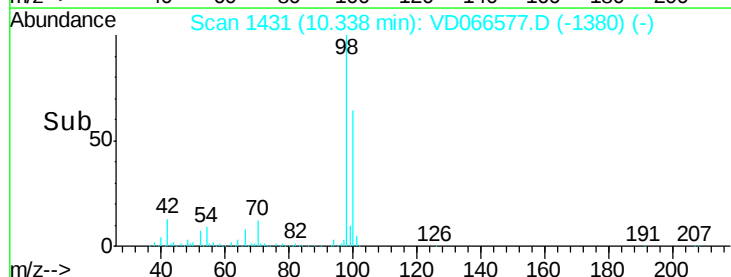
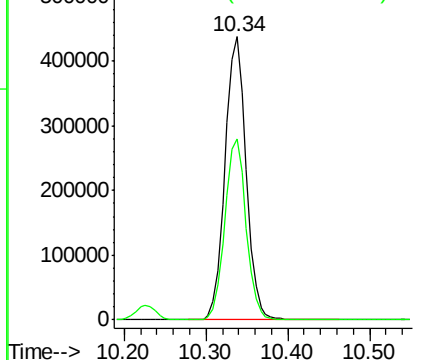
Tgt Ion	98	Resp	786343
Ion Ratio	Lower	Upper	
98	100		
100	64.4	52.9	79.3

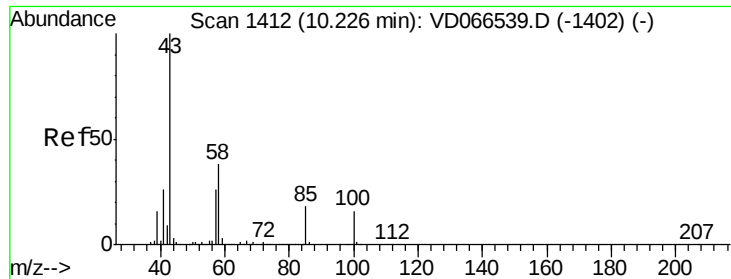


Abundance

Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 99.783 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

Tot Ion: 43 Resp: 262981

Ion Ratio Lower Upper

43 100

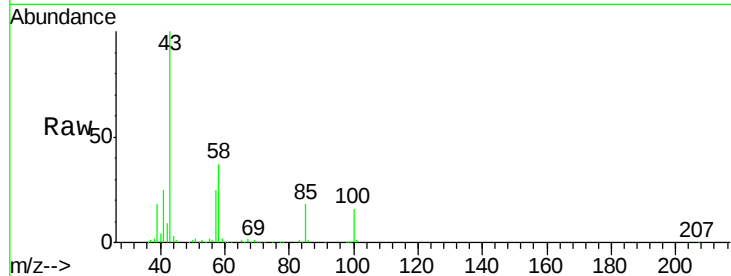
58 36.6 30.5 45.7

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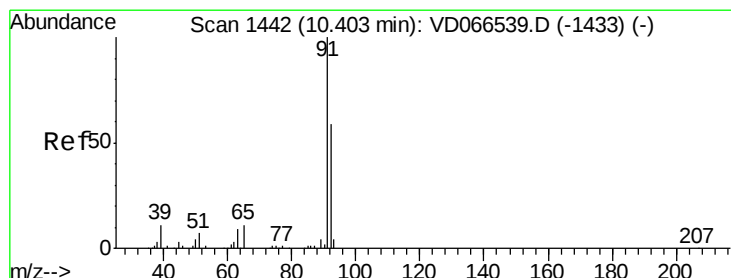
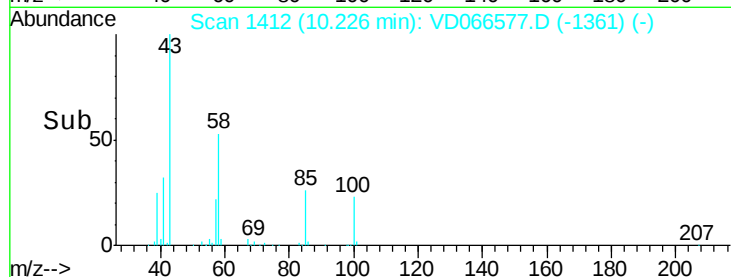
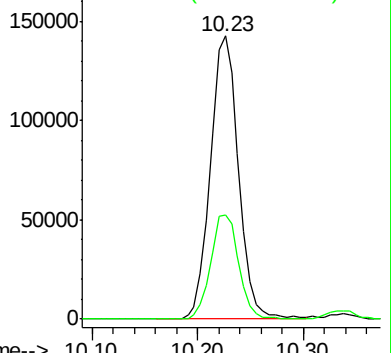
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 18.909 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066577.D

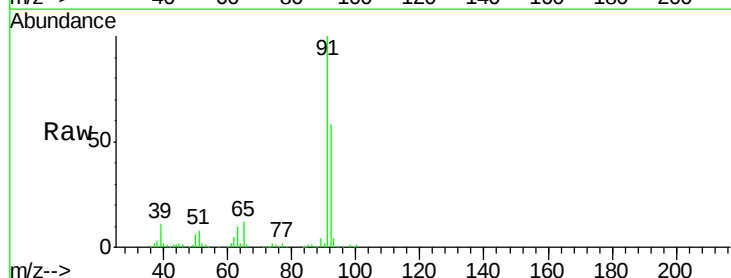
Acq: 09 Sep 2020 12:29

Tgt Ion: 92 Resp: 224499

Ion Ratio Lower Upper

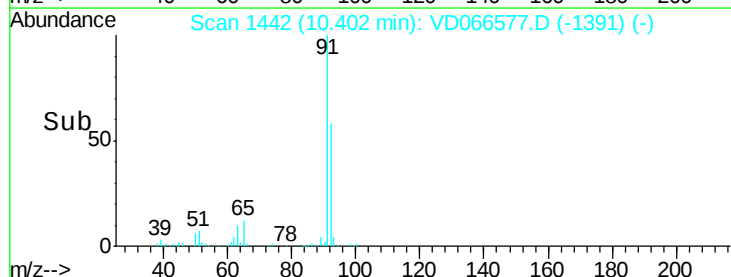
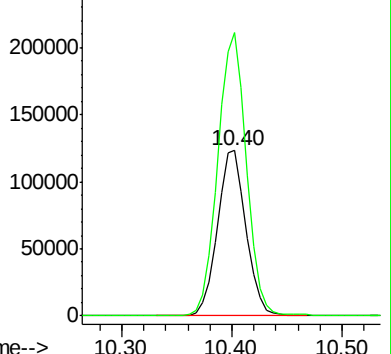
92 100

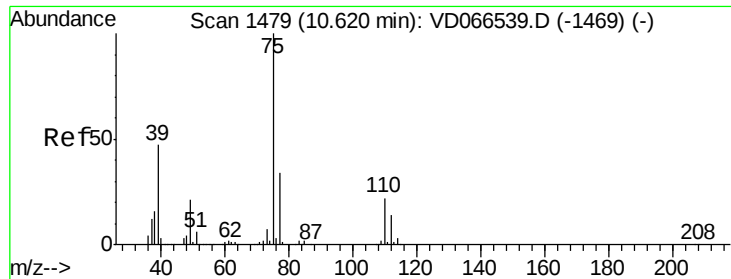
91 171.3 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





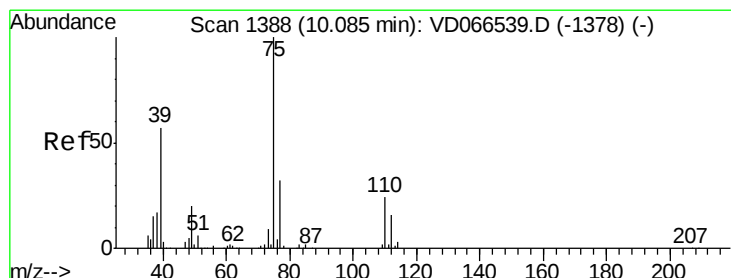
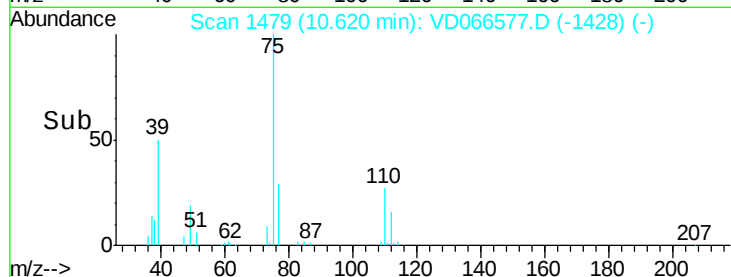
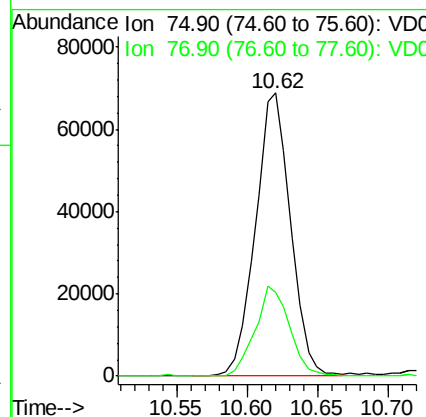
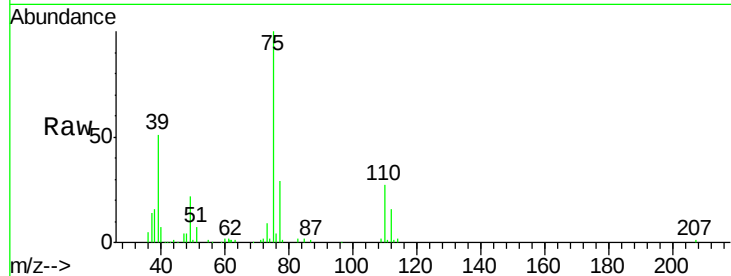
#53
 t-1,3-Dichloropropene
 Concen: 19.357 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.5	27.4	41.2

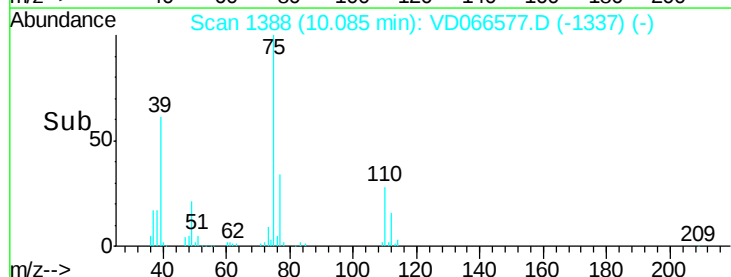
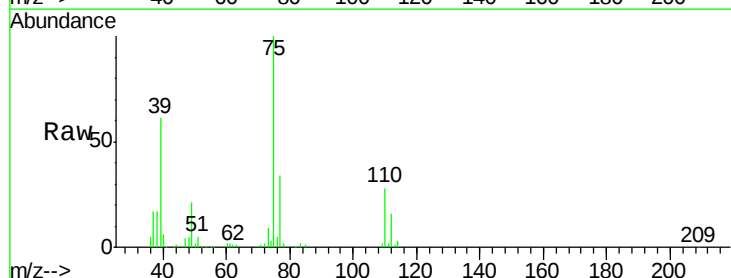
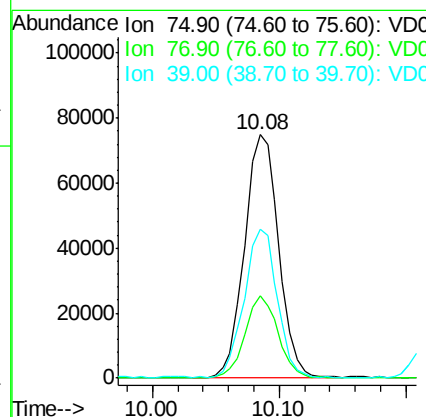
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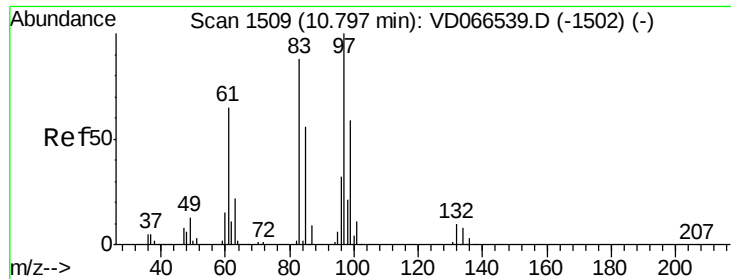
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 18.835 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.4	38.0
39	61.1	45.4	68.0





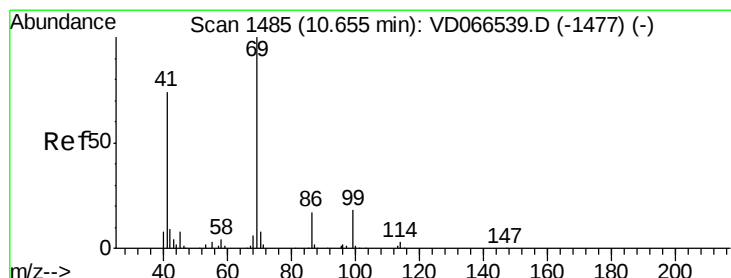
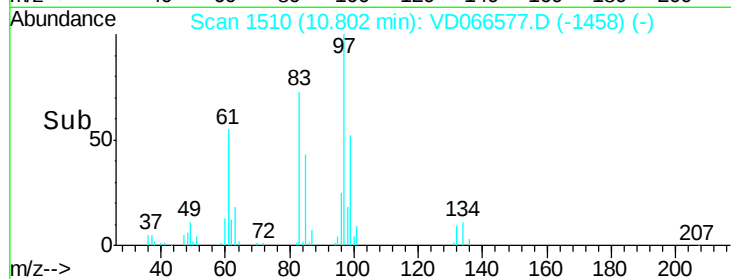
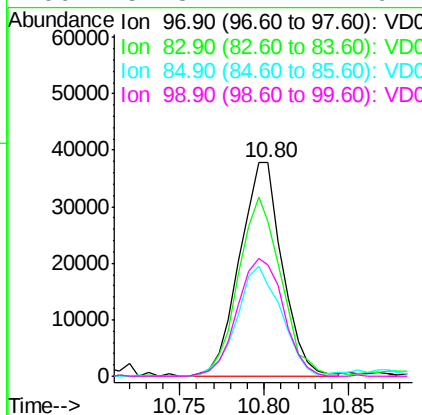
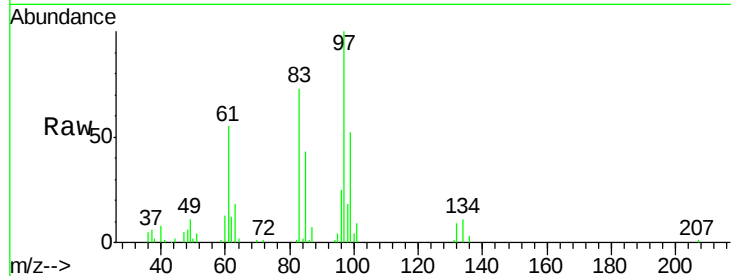
#55
 1,1,2-Trichloroethane
 Concen: 19.926 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Tot Ion:	97	Resp:	66671
Ion	Ratio	Lower	Upper
97	100		
83	72.8	70.1	105.1
85	42.7	44.5	66.7#
99	52.3	47.1	70.7

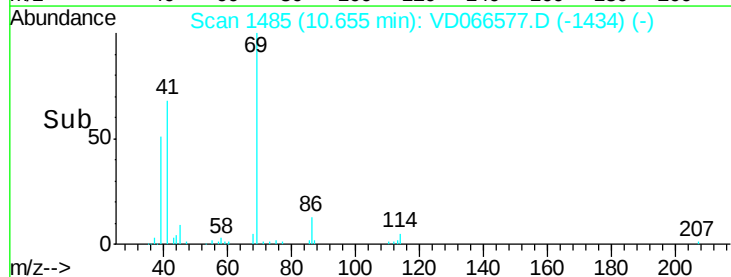
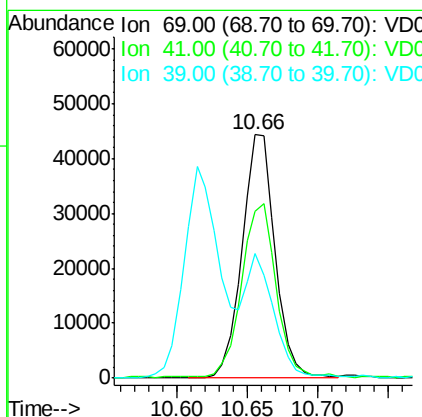
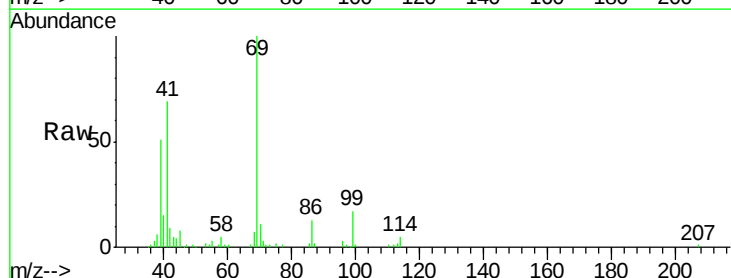
Manual Integrations
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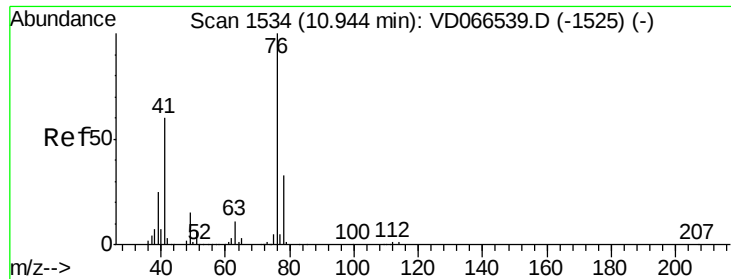
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#56
 Ethyl methacrylate
 Concen: 18.681 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion:	69	Resp:	72777
Ion	Ratio	Lower	Upper
69	100		
41	73.4	56.8	85.2
39	42.3	30.6	46.0





#57

1,3-Dichloropropane

Concen: 19.603 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

Tot Ion: 76 Resp: 114886

Ion Ratio Lower Upper

76 100

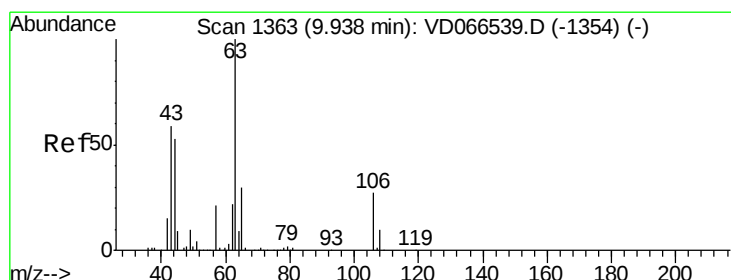
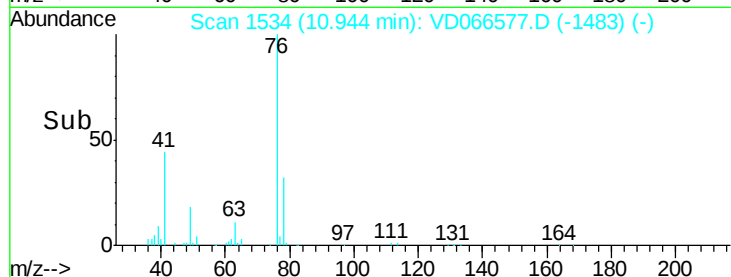
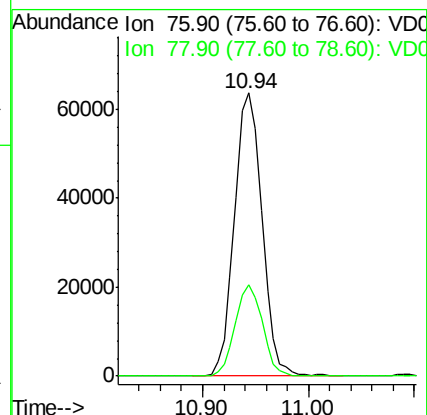
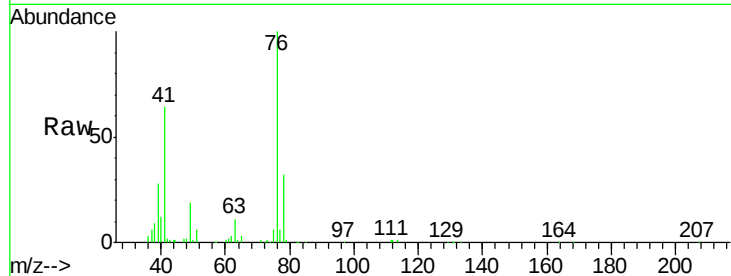
78 31.8 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 116.140 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066577.D

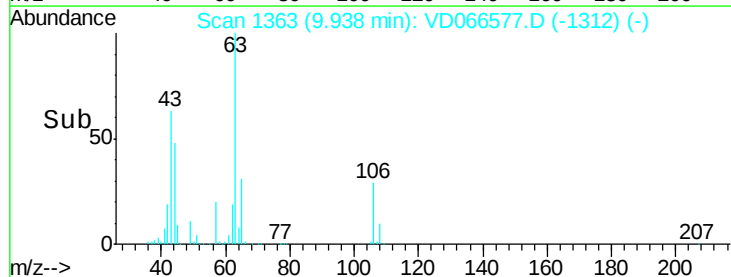
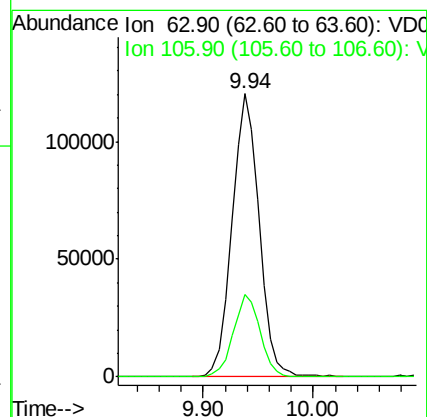
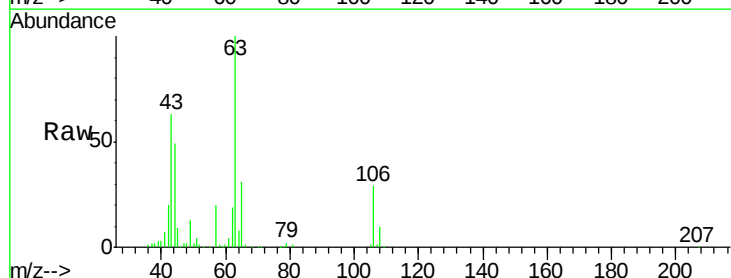
Acq: 09 Sep 2020 12:29

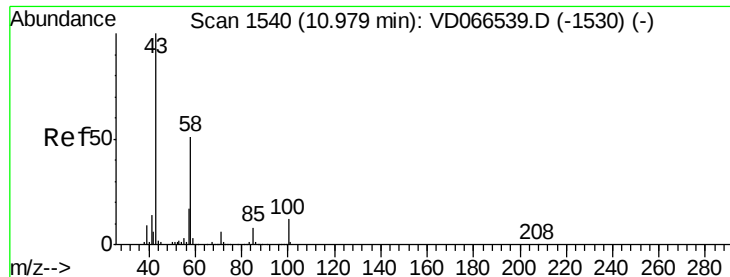
Tgt Ion: 63 Resp: 206947

Ion Ratio Lower Upper

63 100

106 28.9 22.0 33.0





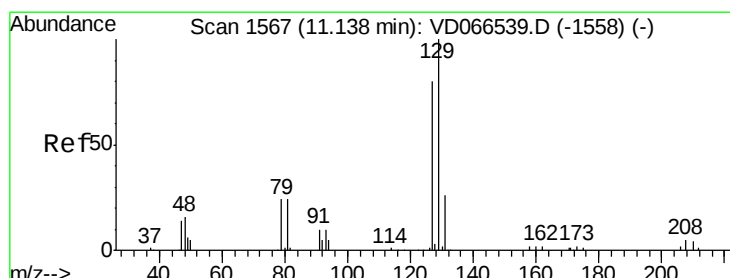
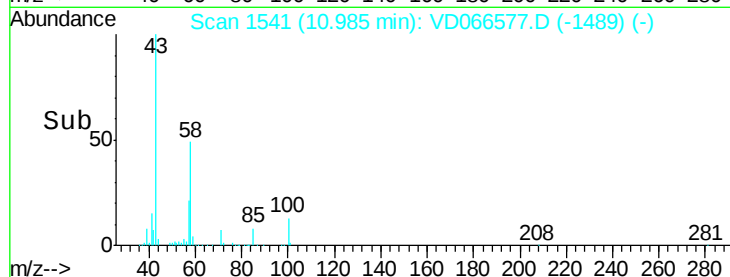
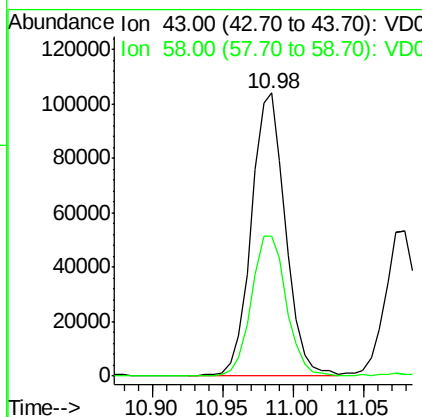
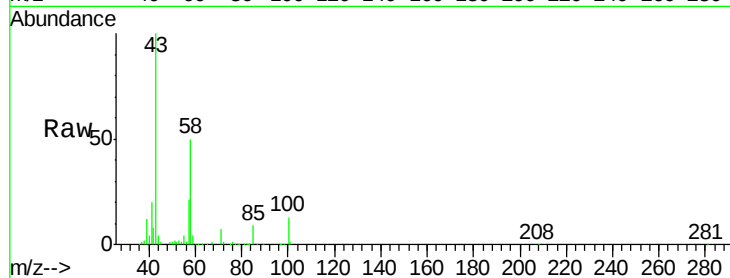
#59
2-Hexanone
Concen: 99.781 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion: 43 Resp: 176846
Ion Ratio Lower Upper
43 100
58 50.9 25.6 76.8

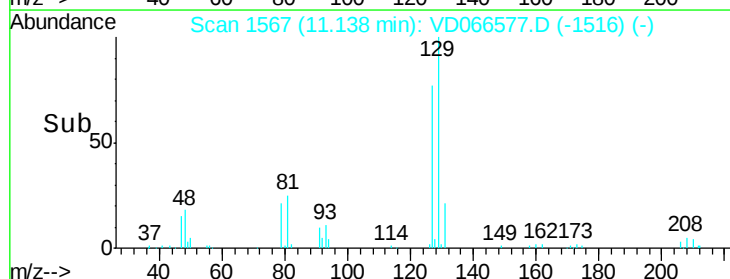
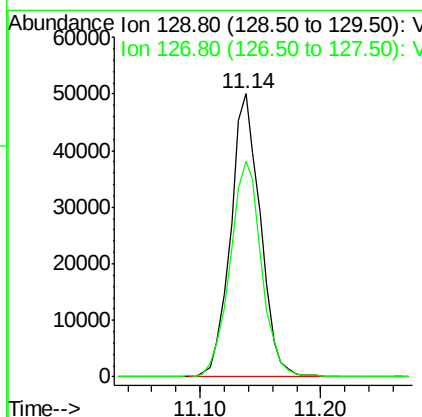
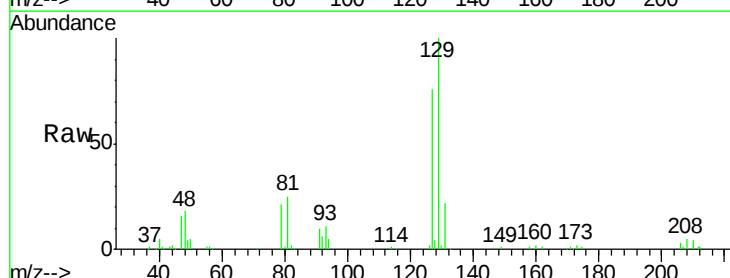
Manual Integrations
APPROVED

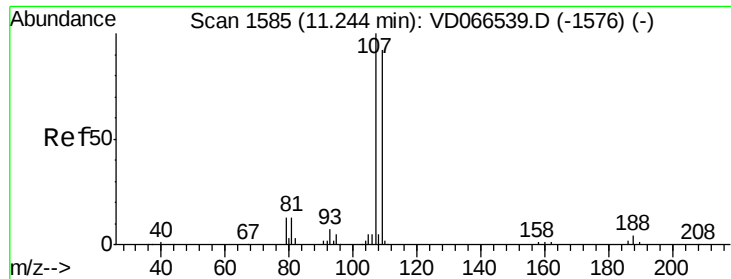
MMDadoda
9/10/2020 10:46:49 AM



#60
Dibromochloromethane
Concen: 19.374 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion: 129 Resp: 85720
Ion Ratio Lower Upper
129 100
127 80.5 39.5 118.3





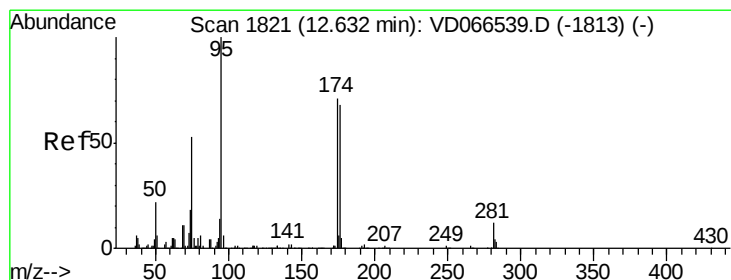
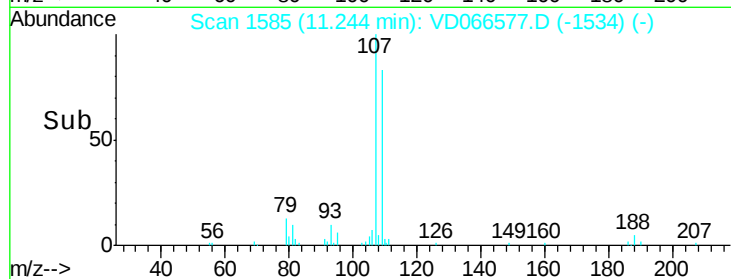
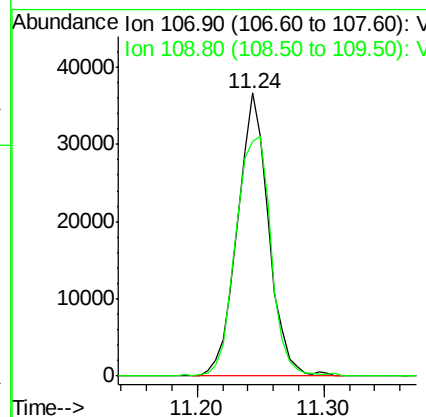
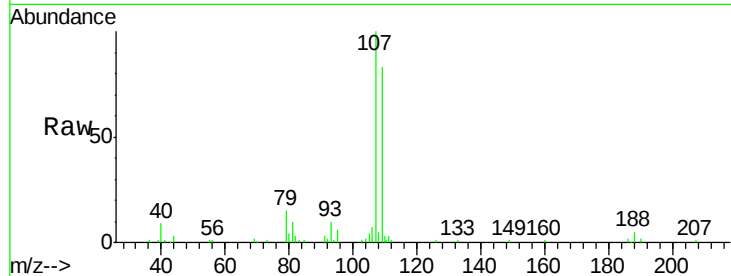
#61
 1,2-Dibromoethane
 Concen: 19.155 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	74.4	111.6

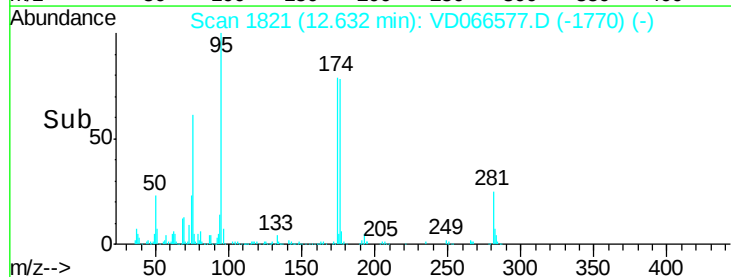
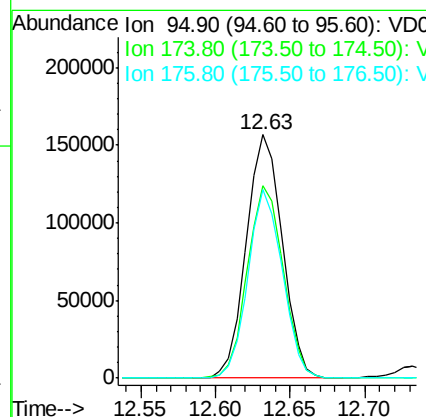
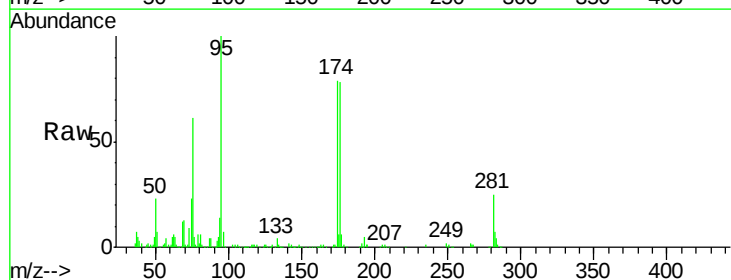
Manual Integrations
 APPROVED

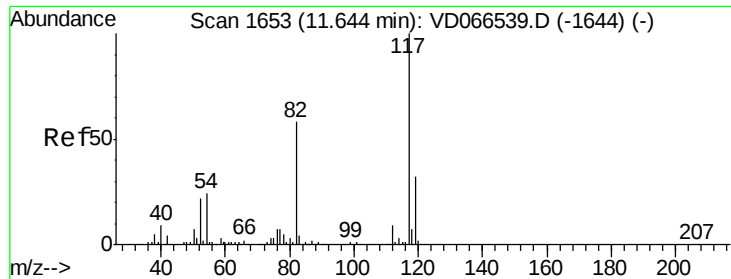
MMDadoda
 9/10/2020 10:46:49 AM



#62
 4-Bromofluorobenzene
 Concen: 49.782 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	155.8
176	74.0	0.0	148.6





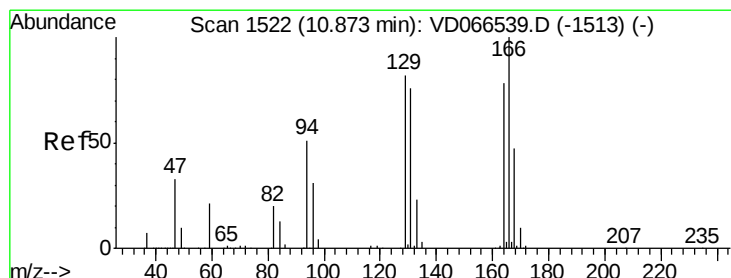
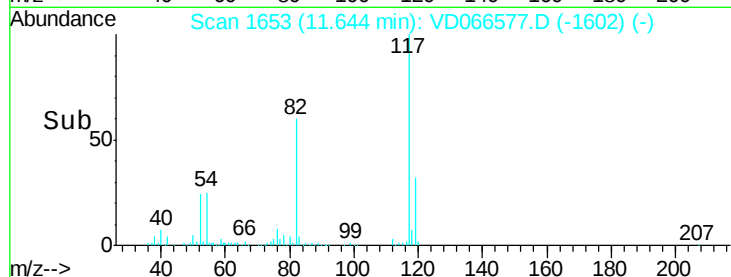
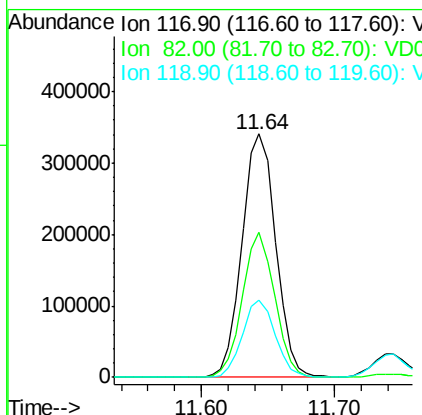
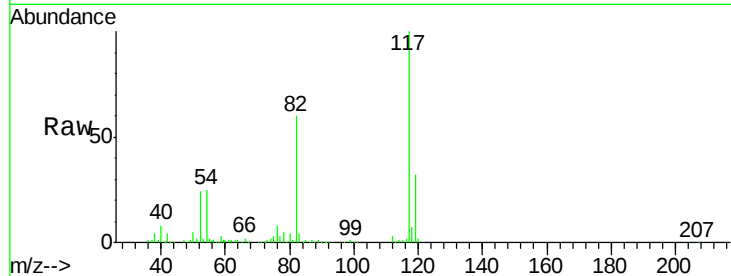
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	593449		
82	59.8	46.2	69.2	
119	31.8	25.8	38.8	

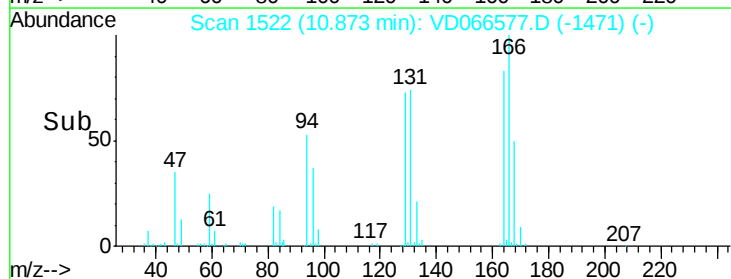
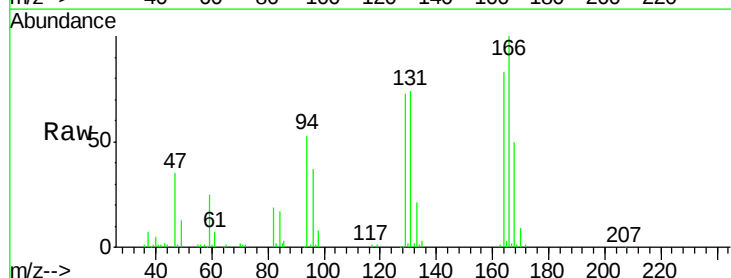
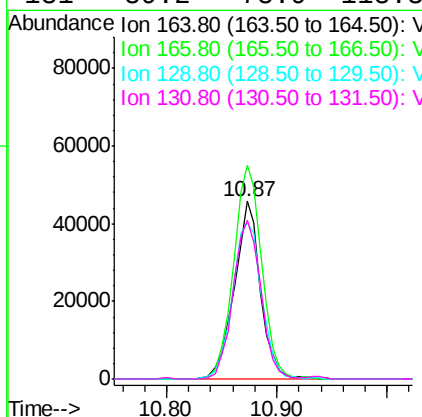
Manual Integrations
APPROVED

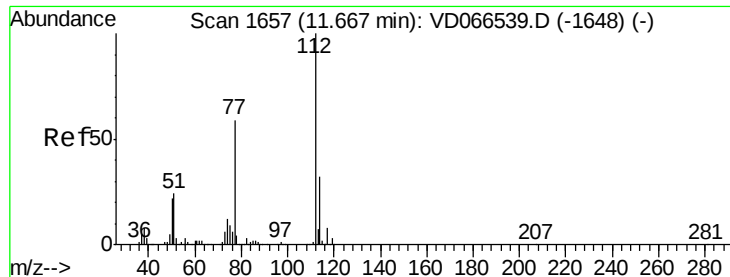
MMDadoda
9/10/2020 10:46:49 AM



#64
Tetrachloroethene
Concen: 18.950 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75718		
166	120.2	103.2	154.8	
129	88.1	84.5	126.7	
131	89.2	78.9	118.3	





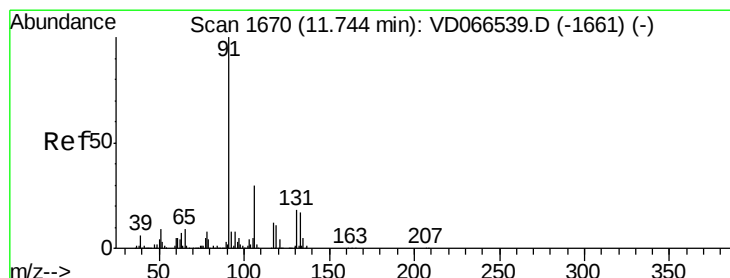
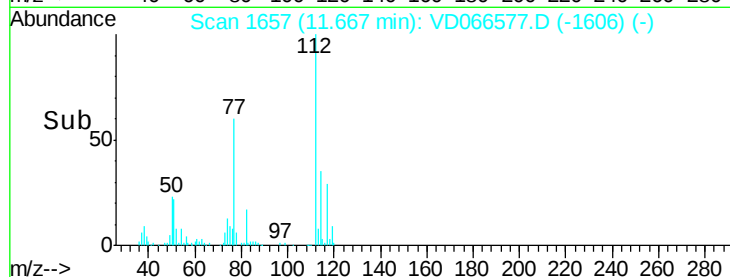
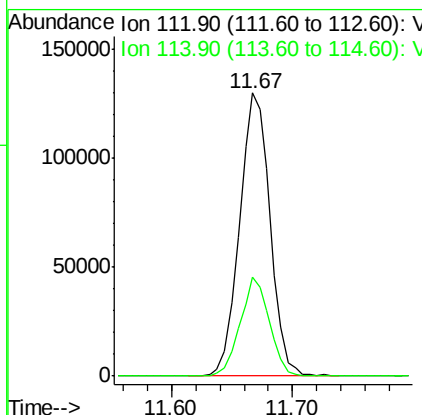
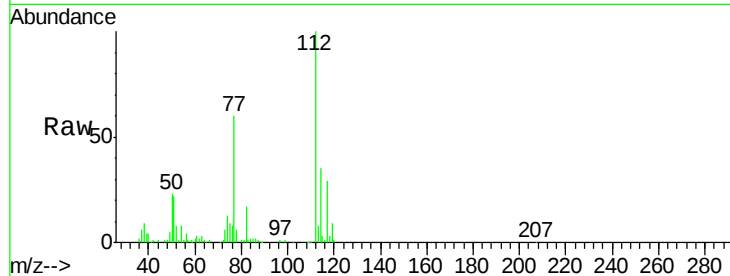
#65
Chlorobenzene
Concen: 18.615 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	35.0	25.7	38.5

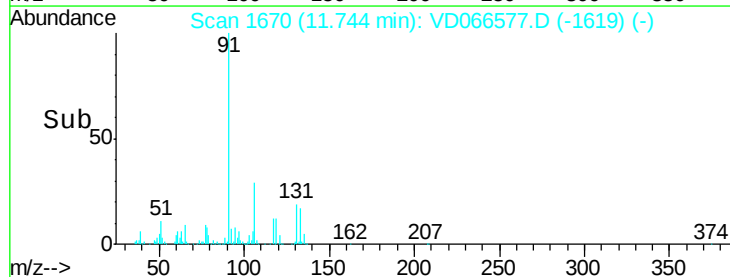
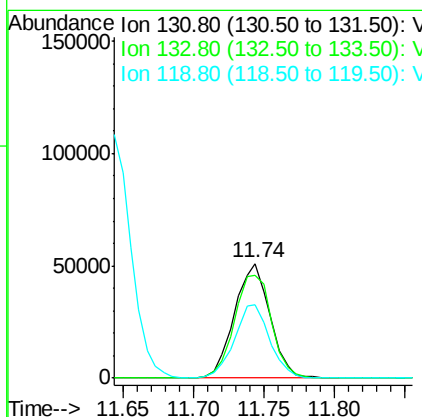
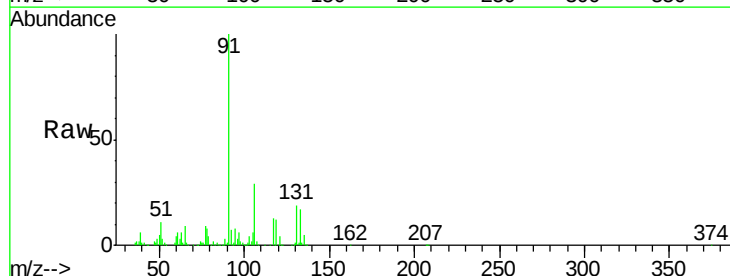
Manual Integrations
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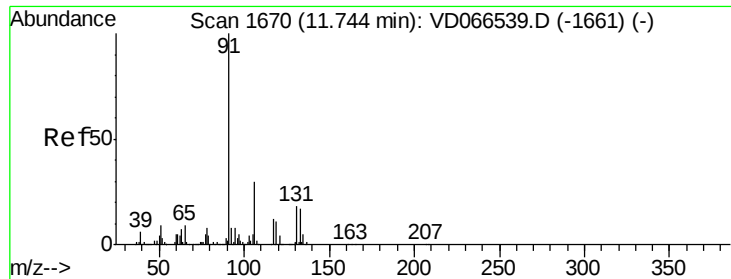
MMDadoda
9/10/2020 10:46:49 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.205 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	46.7	140.0
119	63.4	31.9	95.7





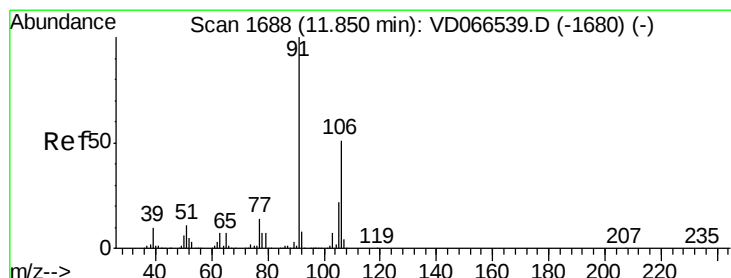
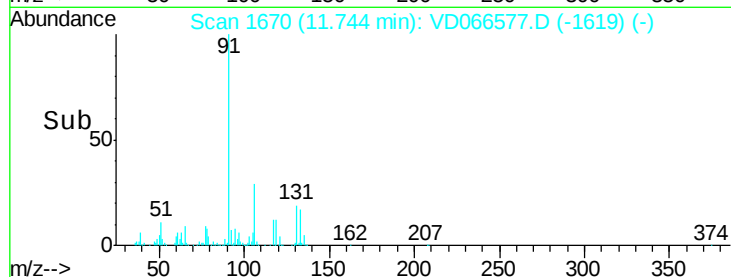
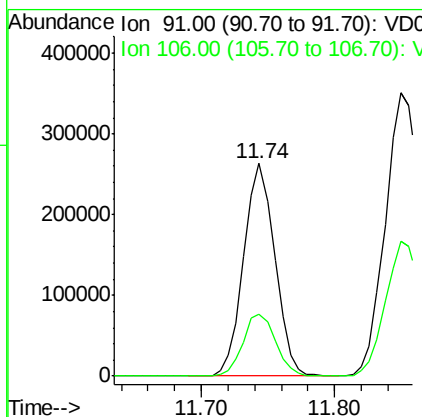
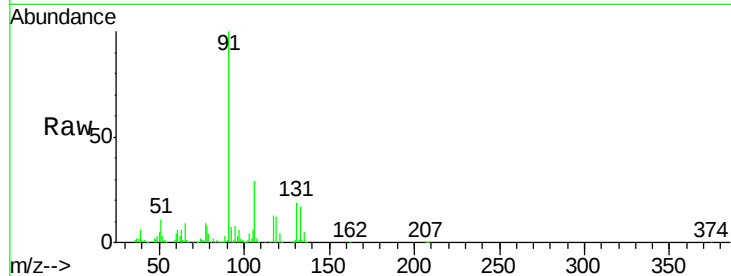
#67
Ethyl Benzene
Concen: 18.951 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	28.8	24.3	36.5

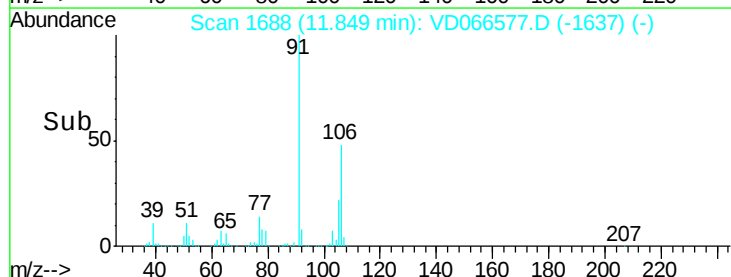
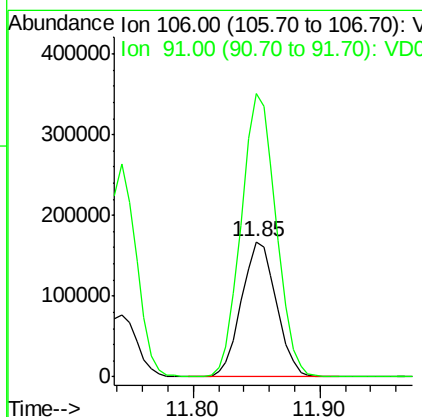
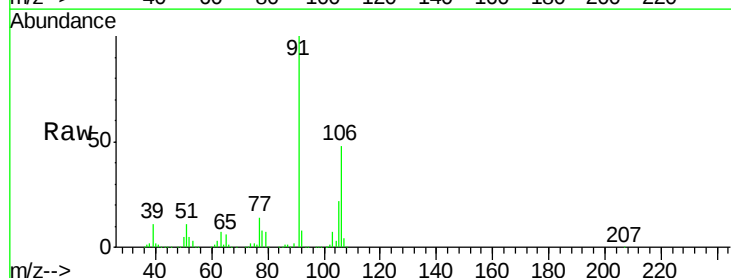
Manual Integrations
APPROVED

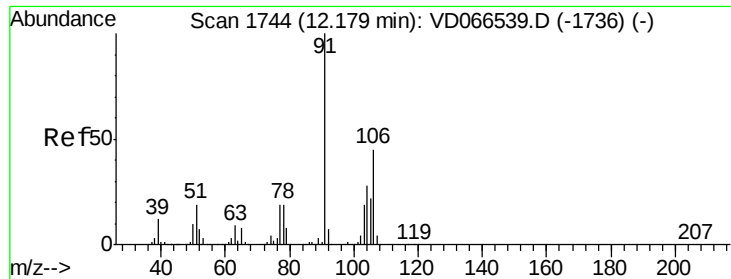
MMDadoda
9/10/2020 10:46:49 AM



#68
m/p-Xylenes
Concen: 38.253 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.0	162.4	243.6





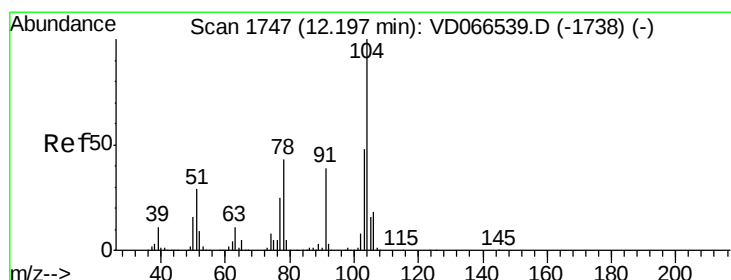
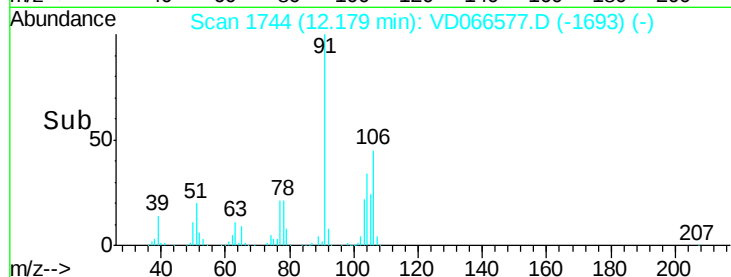
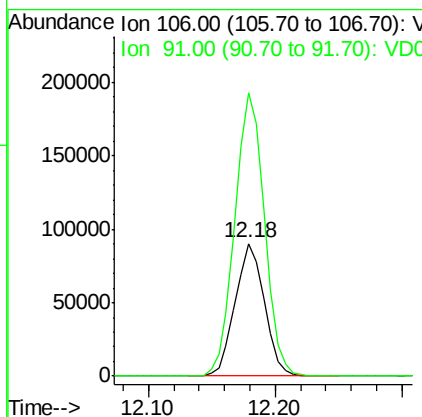
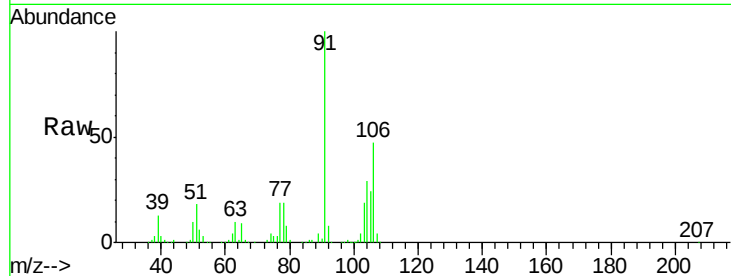
#69
o-Xylene
Concen: 19.273 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion:106 Resp: 144237
Ion Ratio Lower Upper
106 100
91 215.8 107.9 323.8

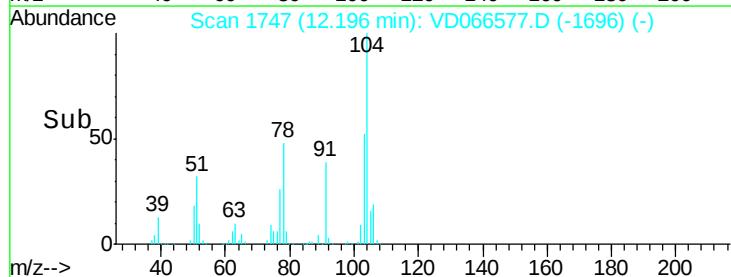
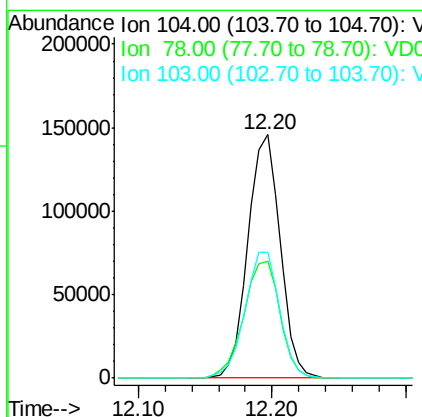
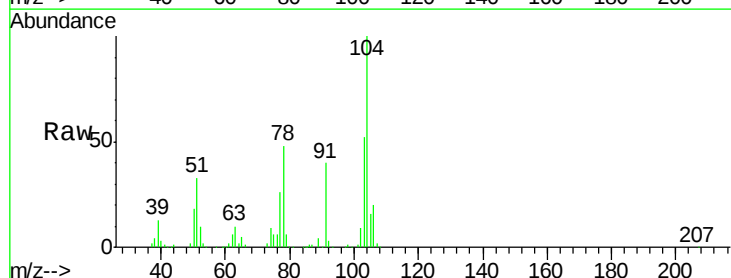
Manual Integrations
APPROVED

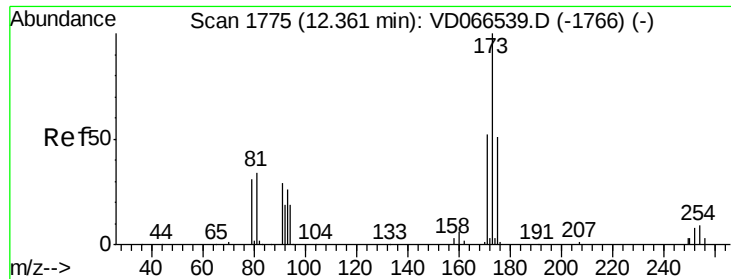
MMDadoda
9/10/2020 10:46:49 AM



#70
Styrene
Concen: 18.674 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion:104 Resp: 242964
Ion Ratio Lower Upper
104 100
78 54.0 40.7 61.1
103 55.5 42.9 64.3





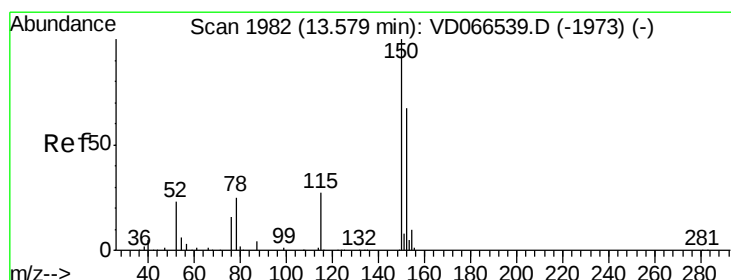
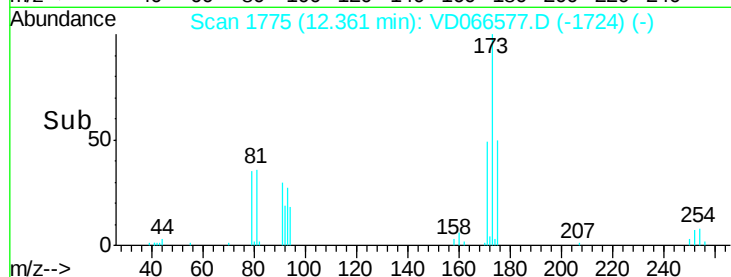
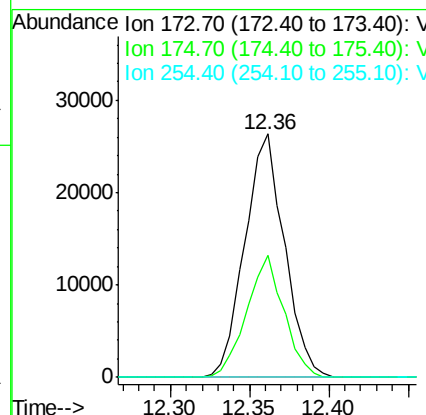
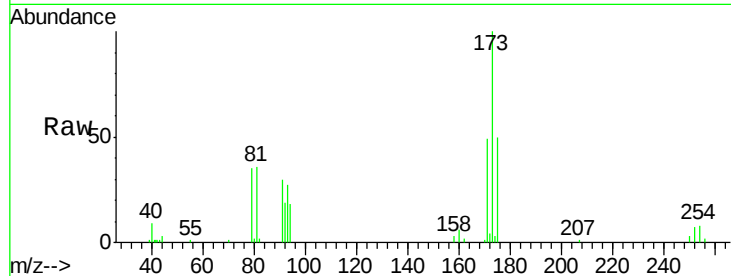
#71
Bromoform
Concen: 19.449 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.2	72.6
254	0.0	0.0	0.0

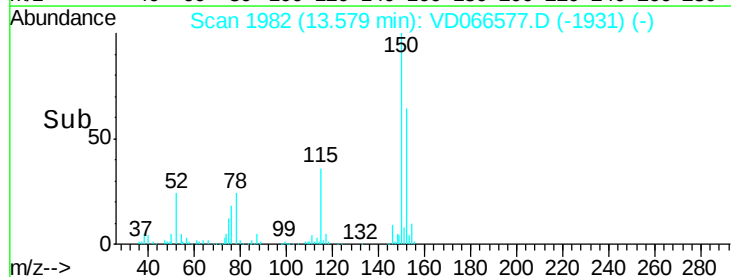
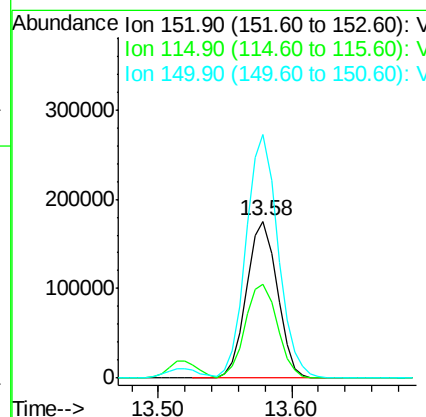
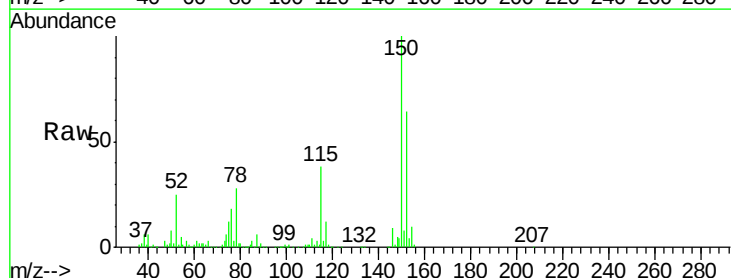
Manual Integrations
APPROVED

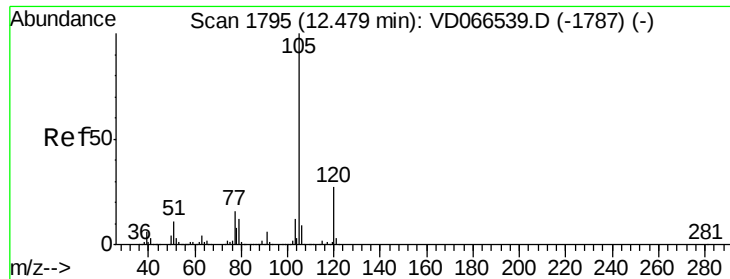
MMDadoda
9/10/2020 10:46:49 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	30.4	91.2
150	160.6	0.0	345.8





#73

Isopropylbenzene

Concen: 19.315 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

Tot Ion: 105 Resp: 400793

Ion Ratio Lower Upper

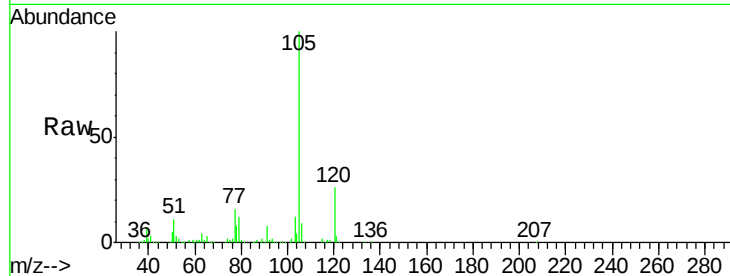
105 100

120 25.4 13.0 39.0

Manual Integrations
APPROVED

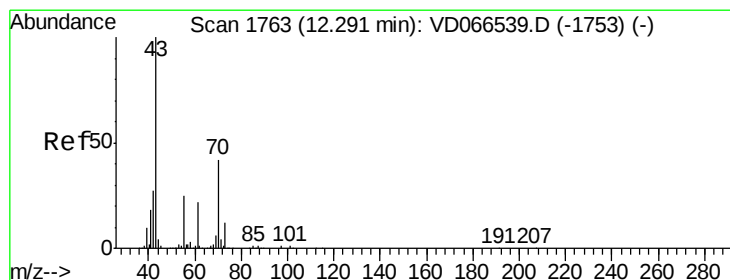
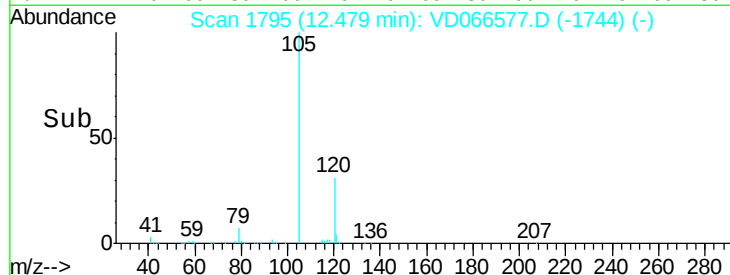
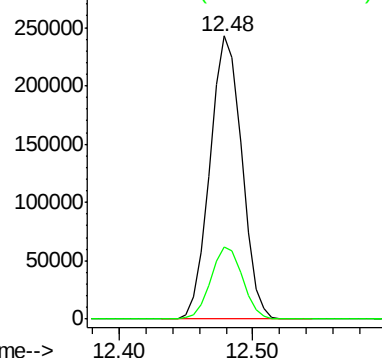
MMDadoda

9/10/2020 10:46:49 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.660 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Tgt Ion: 43 Resp: 92397

Ion Ratio Lower Upper

43 100

70 39.9 33.4 50.2

55 23.2 20.1 30.1

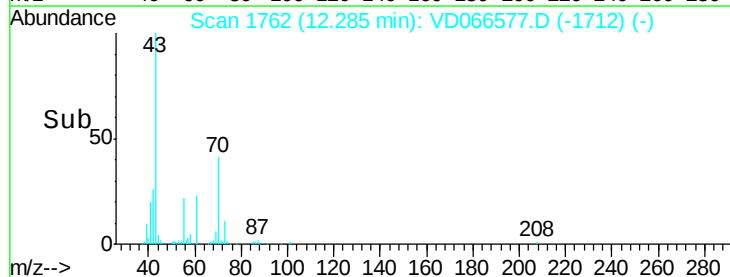
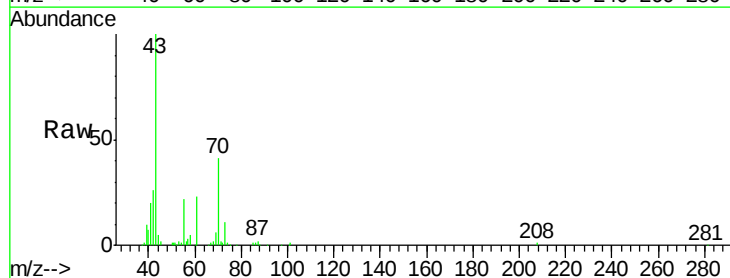
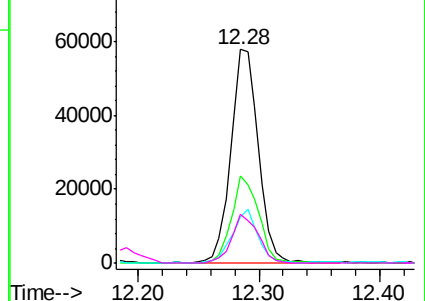
61 21.9 18.2 27.2

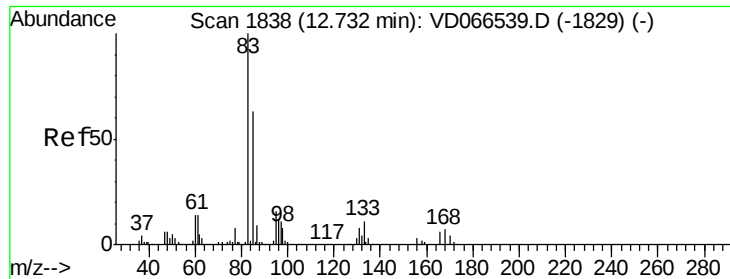
Abundance Ion 43.00 (42.70 to 43.70): V

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: 18.803 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

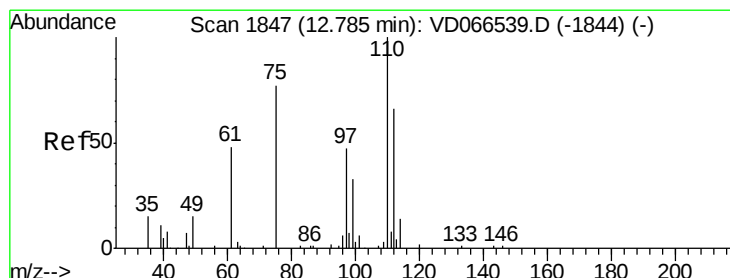
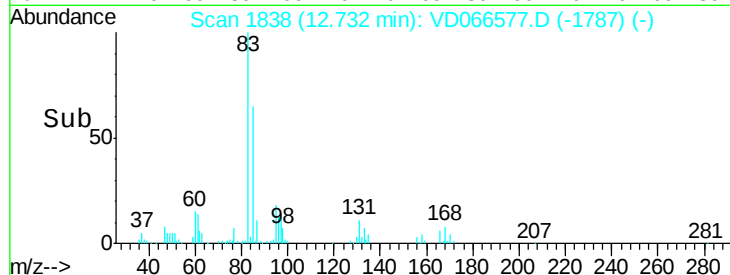
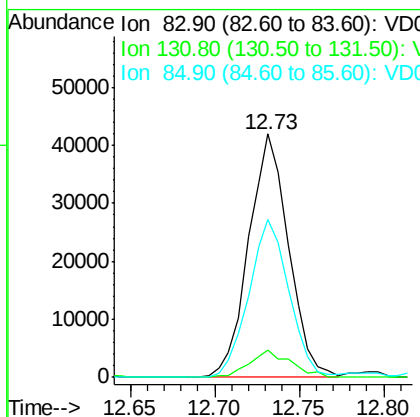
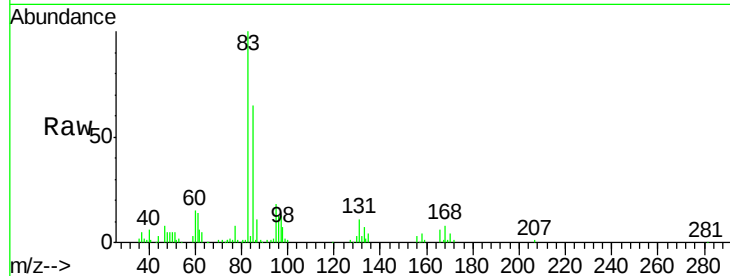
ClientSampleId :

VD0909SBS01

Tot Ion:	83	Resp:	68931
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.0	15.0
85	65.4	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 21.280 ug/l m

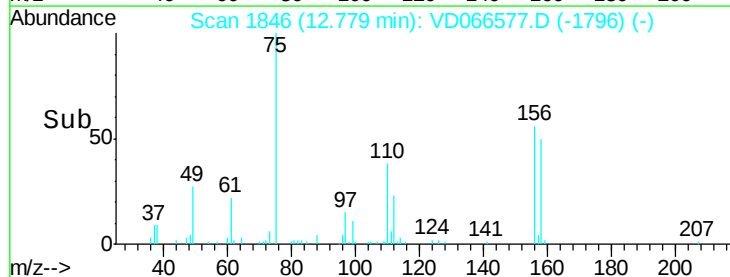
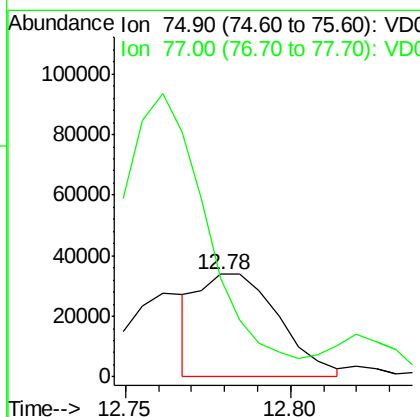
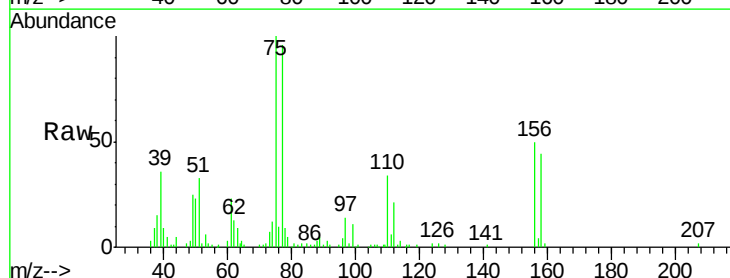
RT: 12.78 min Scan# 1846

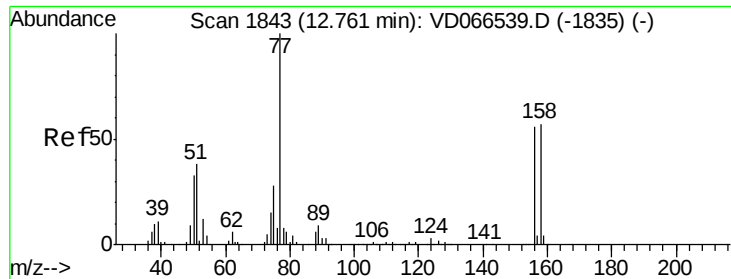
Delta R.T. -0.01 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Tgt Ion:	75	Resp:	57357
Ion Ratio	Lower	Upper	
75	100		
77	307.2	0.0	0.0#





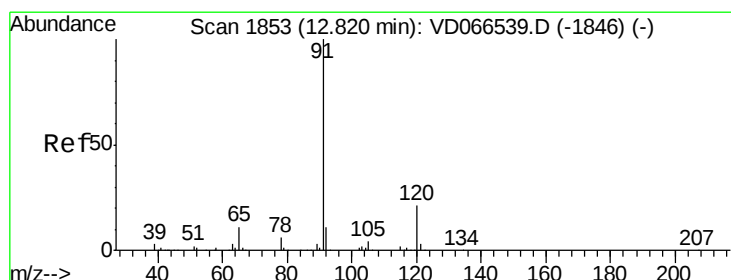
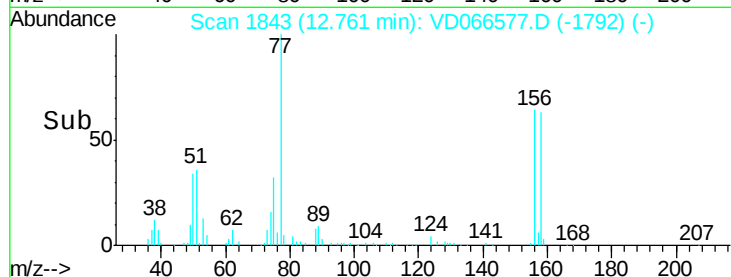
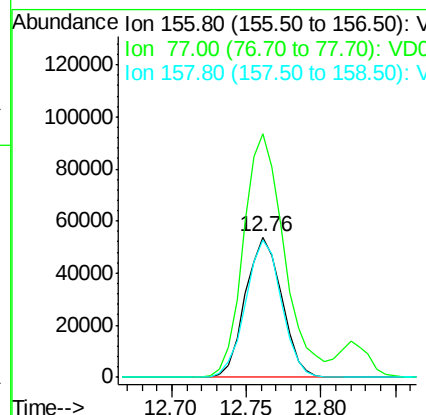
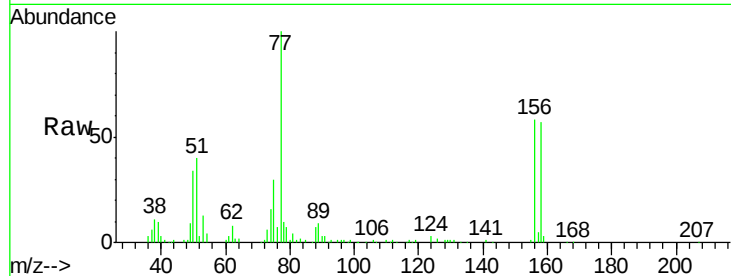
#77
Bromobenzene
Concen: 19.648 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	193.8	98.0	294.1
158	96.7	48.1	144.3

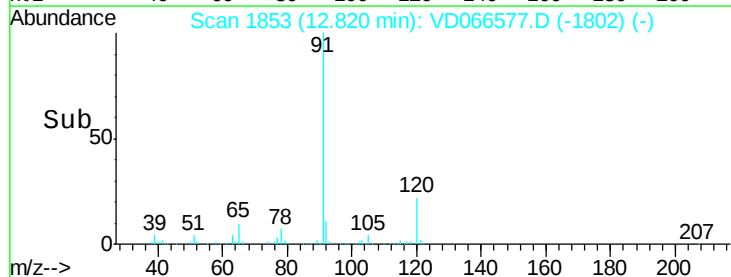
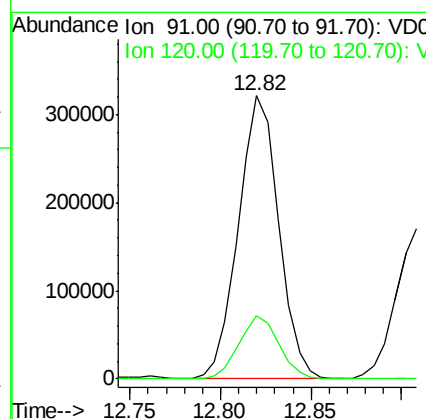
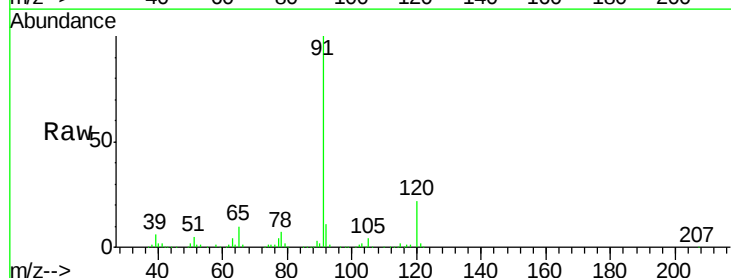
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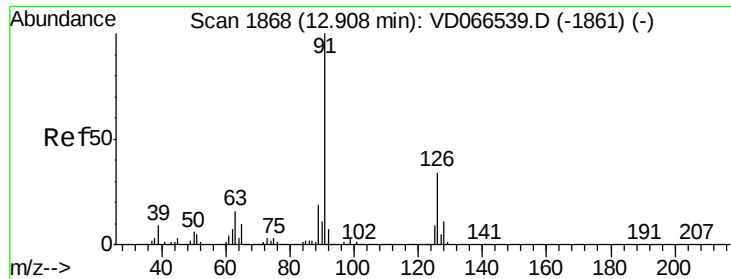
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#78
n-propylbenzene
Concen: 19.676 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1





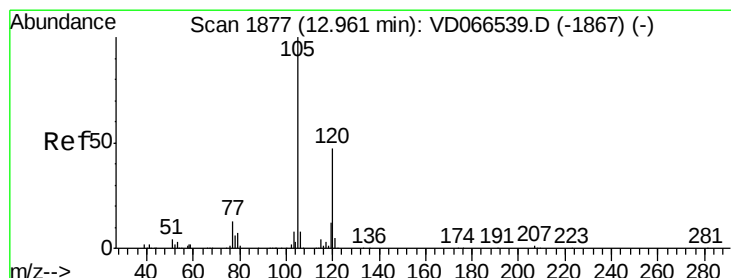
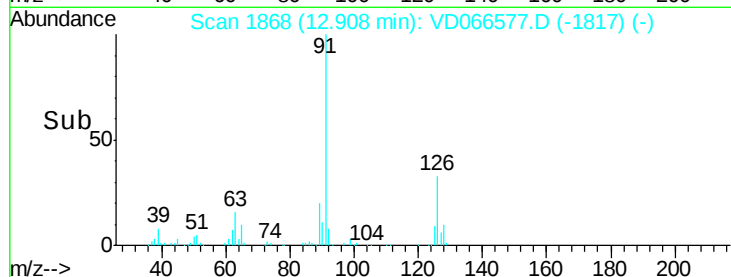
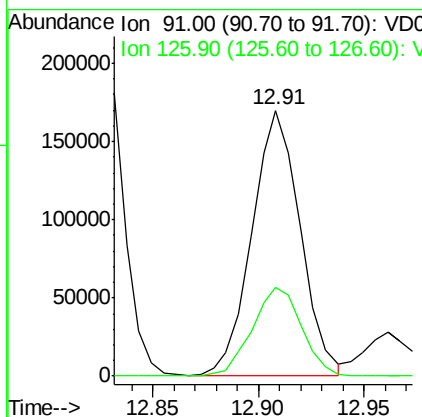
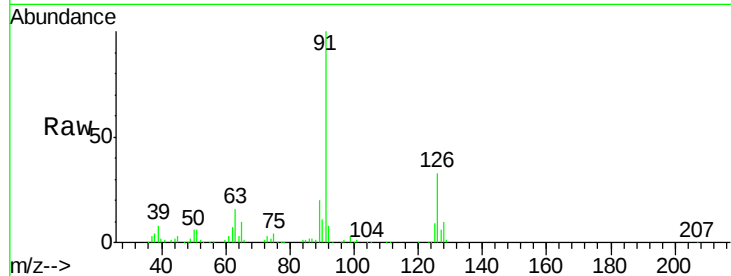
#79
2-Chlorotoluene
Concen: 19.045 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.3	16.4	49.4

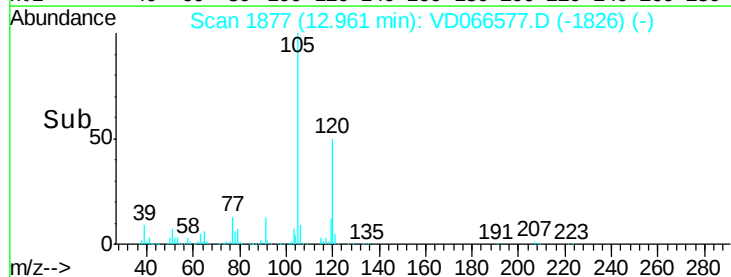
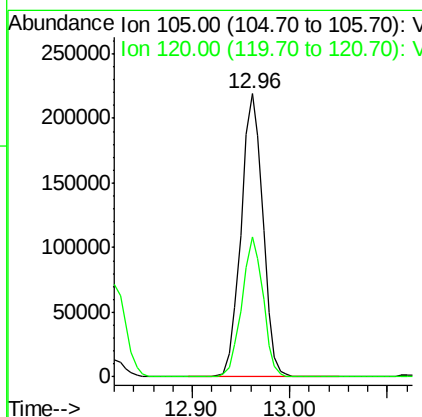
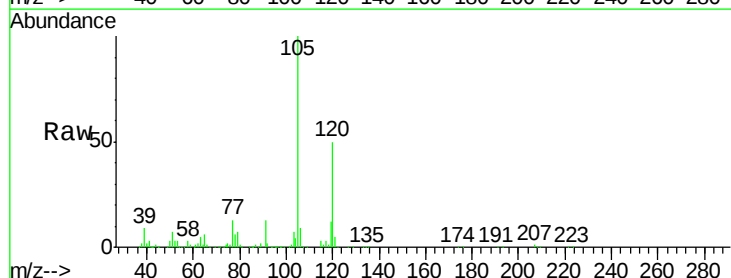
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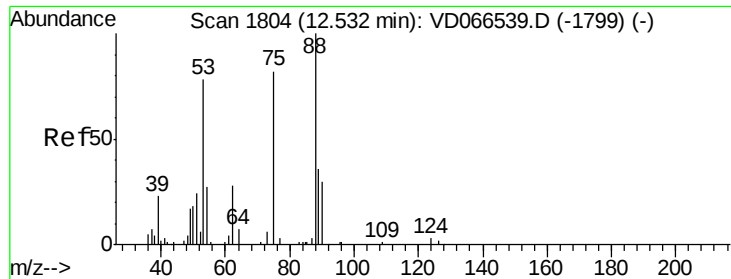
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#80
1,3,5-Trimethylbenzene
Concen: 19.559 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.9	71.8





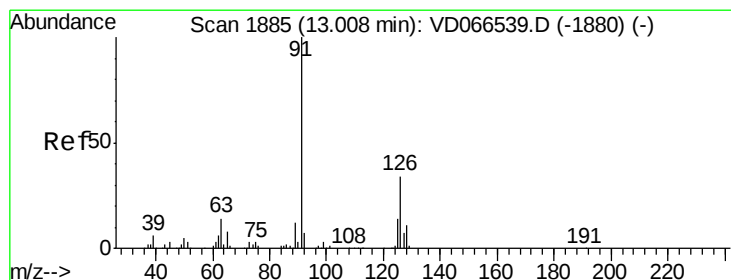
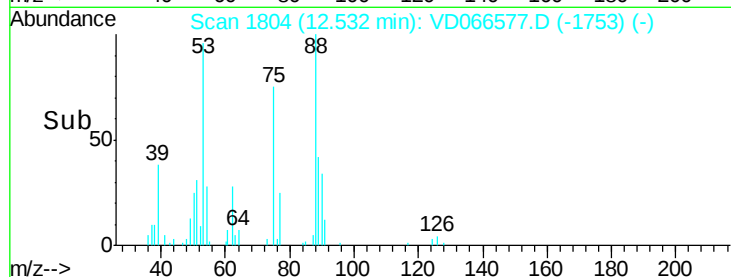
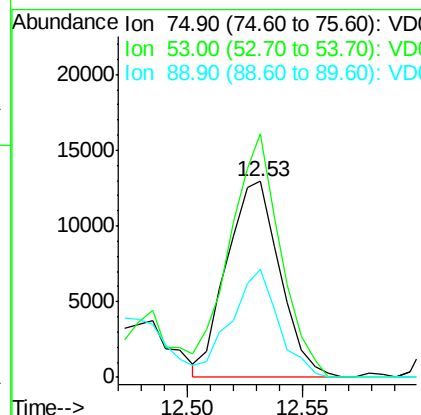
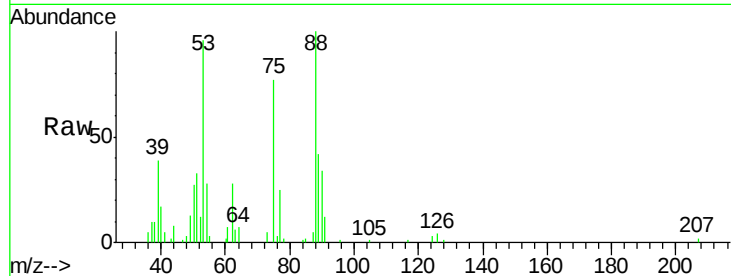
#81
trans-1,4-Dichloro-2-butene
Concen: 17.963 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	117.9	87.0	130.4
89	49.4	37.1	55.7

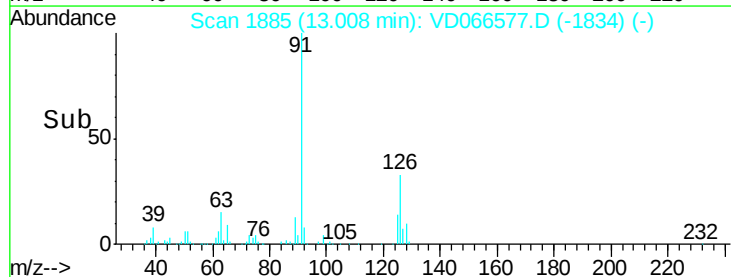
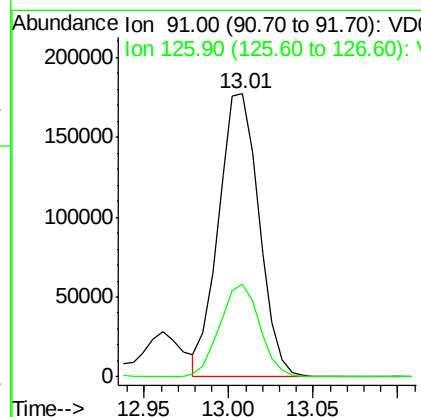
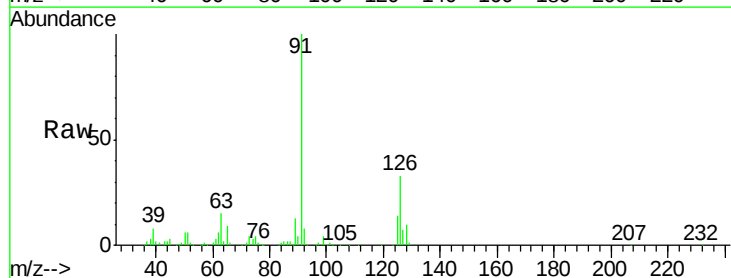
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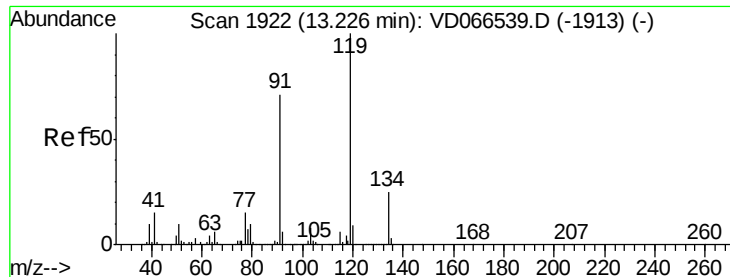
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#82
4-Chlorotoluene
Concen: 19.624 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.4	49.1





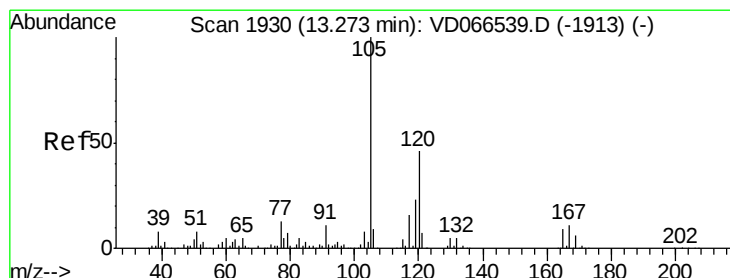
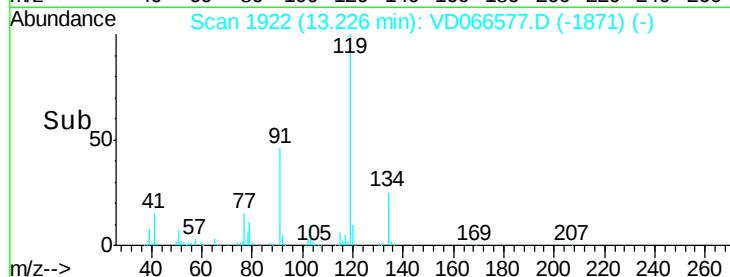
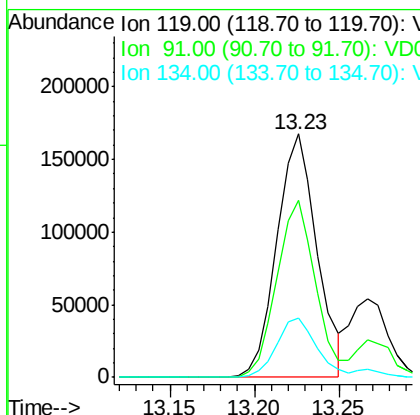
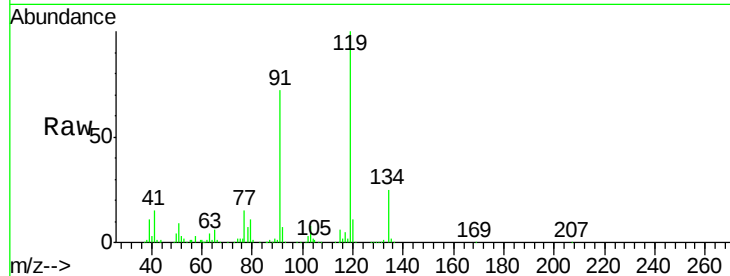
#83
tert-Butylbenzene
Concen: 19.425 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.3	35.2	105.6
134	24.3	13.5	40.5

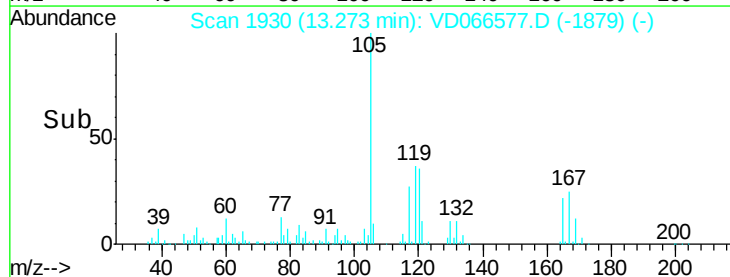
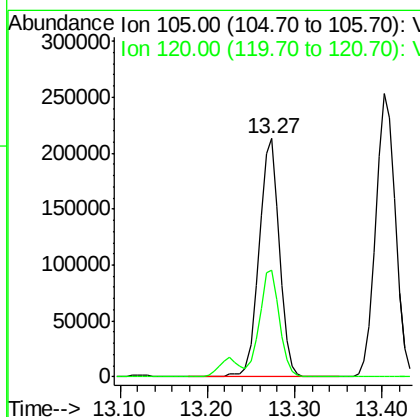
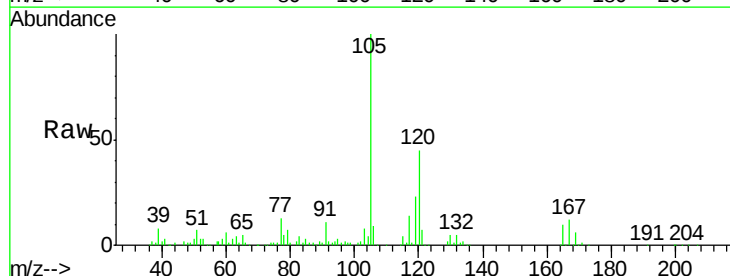
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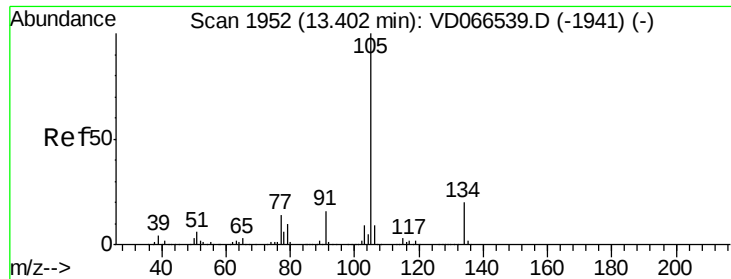
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#84
1,2,4-Trimethylbenzene
Concen: 19.642 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.6	67.7





#85

sec-Butylbenzene

Concen: 19.318 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS01

Tot Ion:105 Resp: 396955

Ion Ratio Lower Upper

105 100

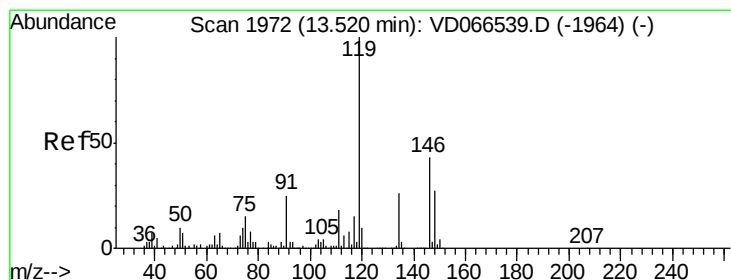
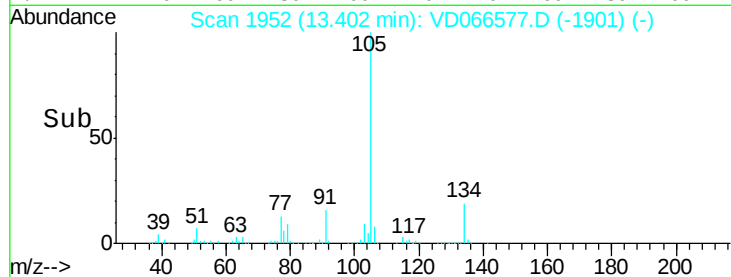
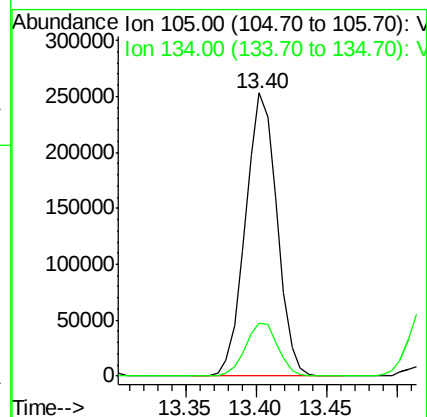
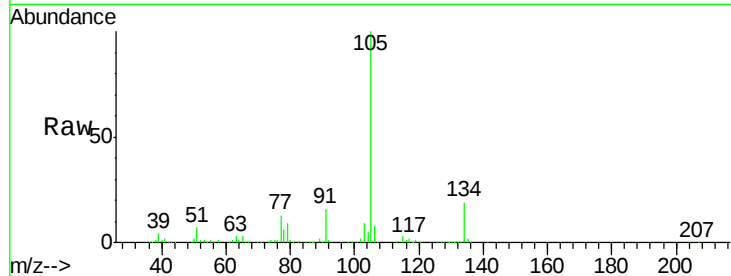
134 19.2 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 19.951 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066577.D

Acq: 09 Sep 2020 12:29

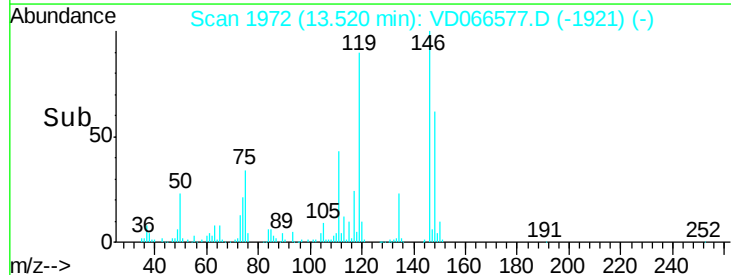
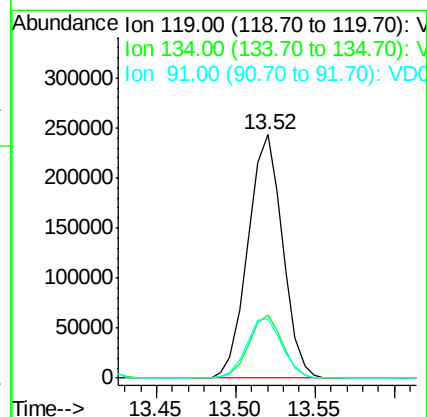
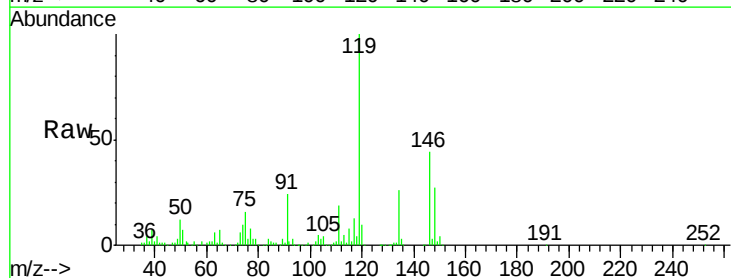
Tgt Ion:119 Resp: 368981

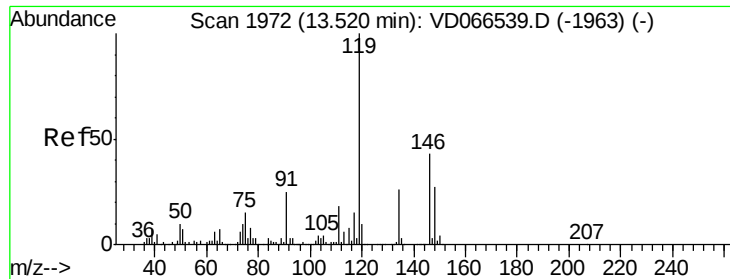
Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.0

91 25.2 12.5 37.5





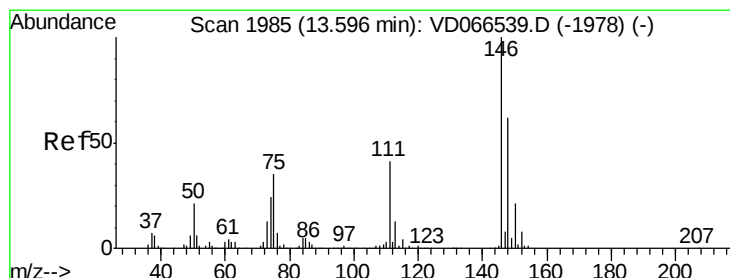
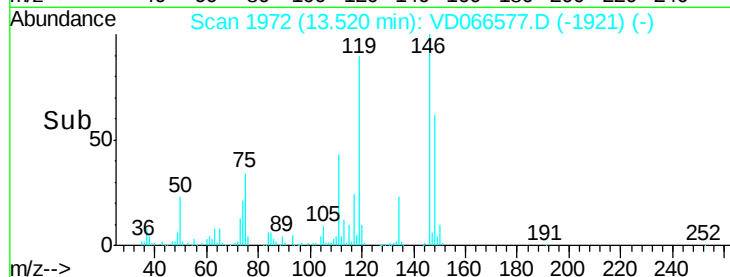
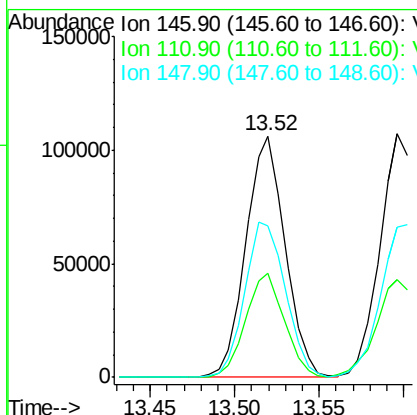
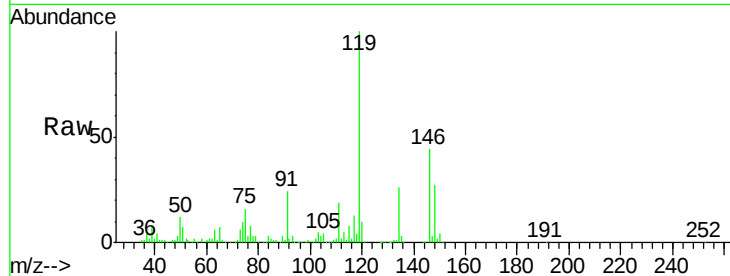
#87
 1,3-Dichlorobenzene
 Concen: 18.710 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	171839		
111	42.5	20.6	61.9	
148	66.7	32.1	96.3	

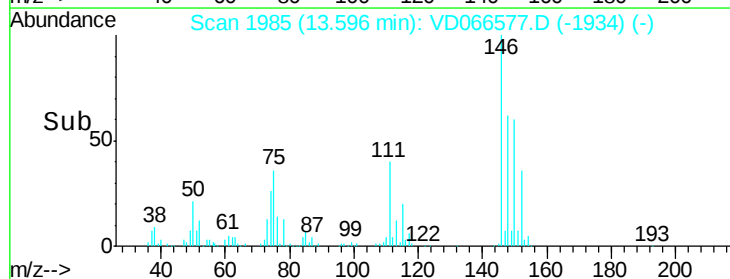
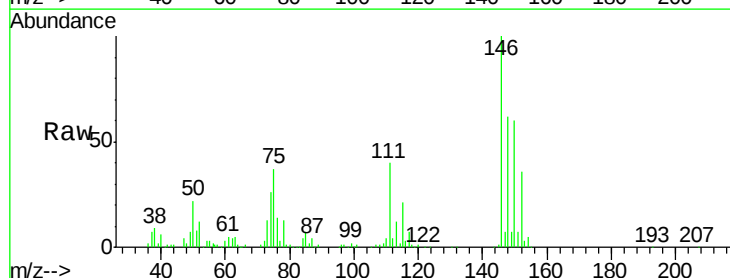
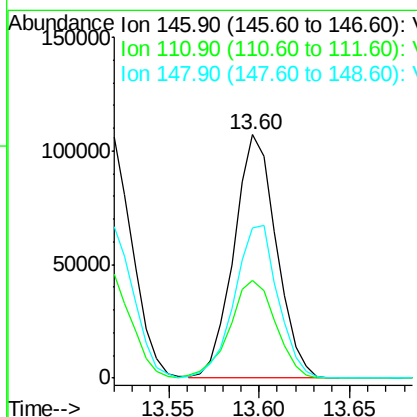
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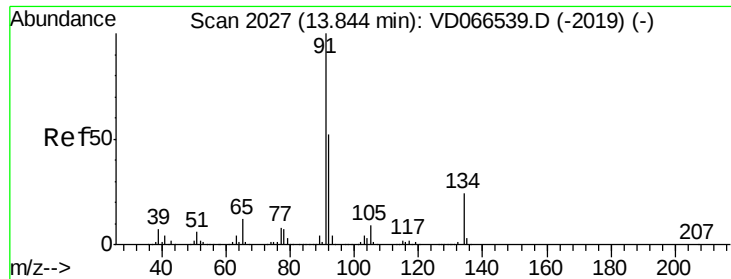
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#88
 1,4-Dichlorobenzene
 Concen: 18.943 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	174621		
111	43.5	20.1	60.2	
148	64.2	31.6	94.8	





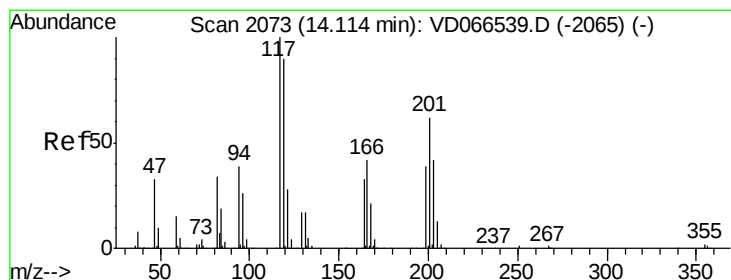
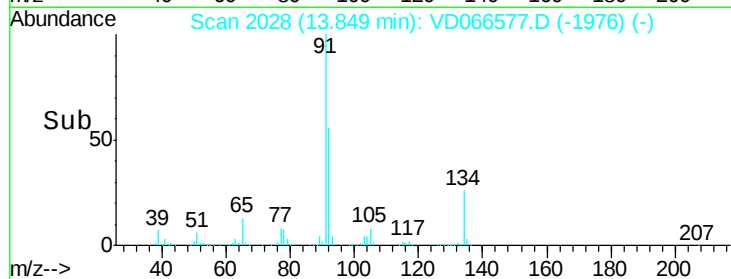
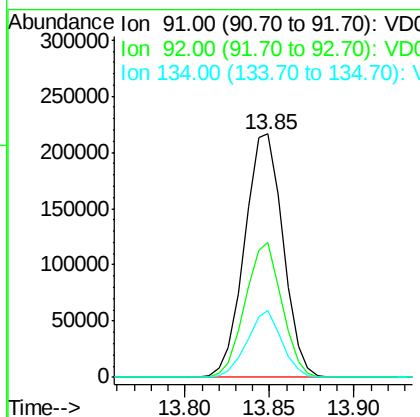
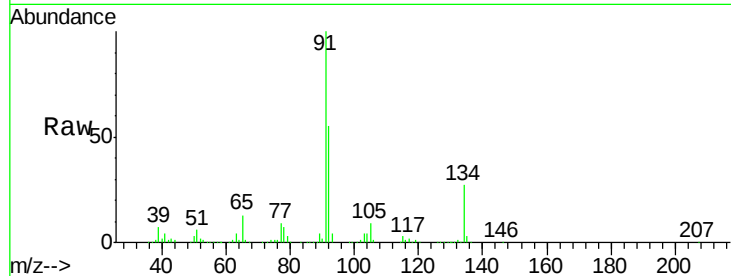
#89
n-Butylbenzene
Concen: 19.092 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.9	26.5	79.5	
134	24.8	12.1	36.3	

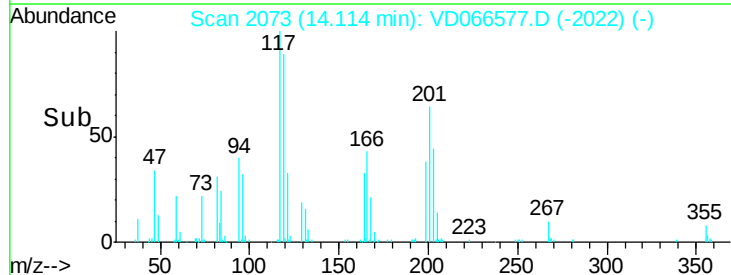
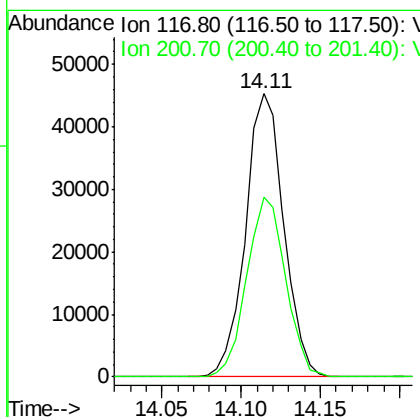
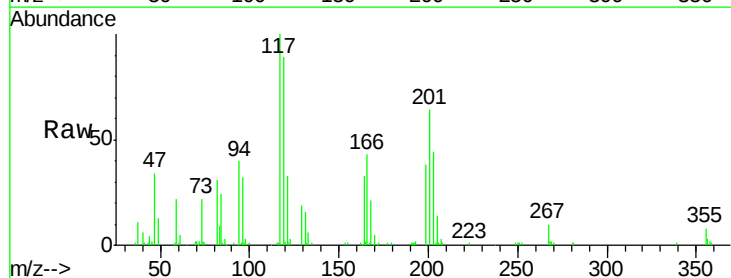
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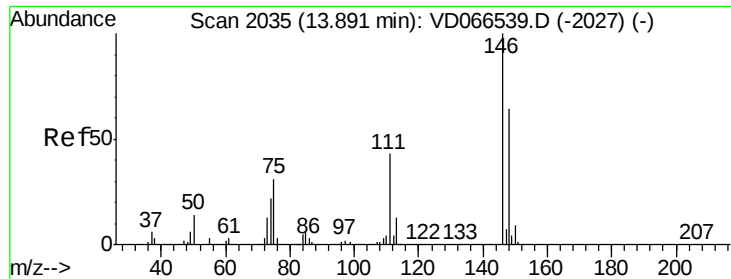
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#90
Hexachloroethane
Concen: 19.002 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	64.8	31.9	95.5	





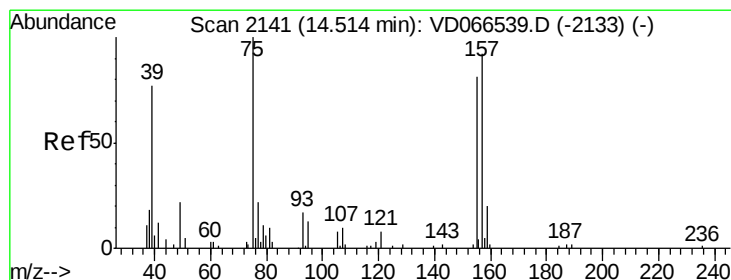
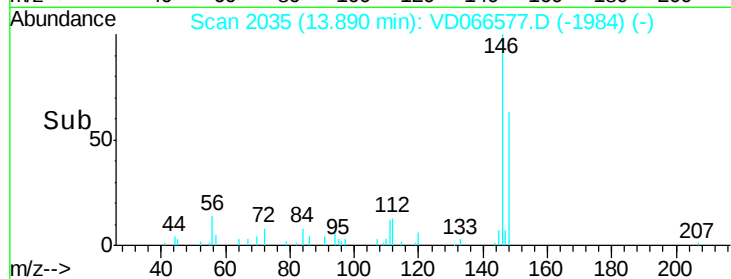
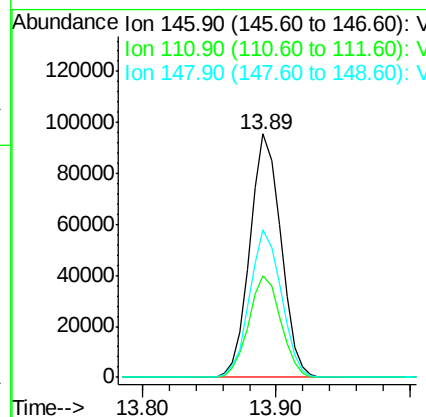
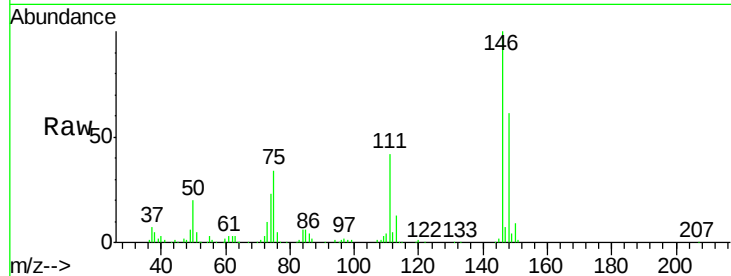
#91
 1,2-Dichlorobenzene
 Concen: 19.020 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.1	63.4
148	61.8	31.8	95.3

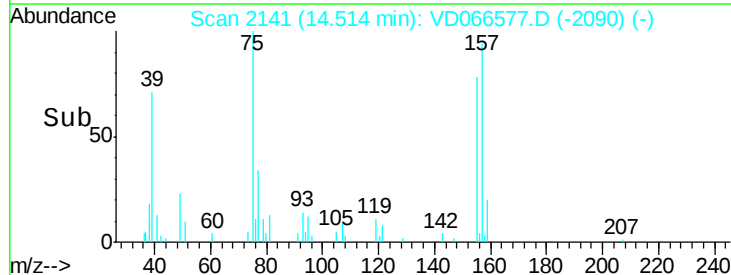
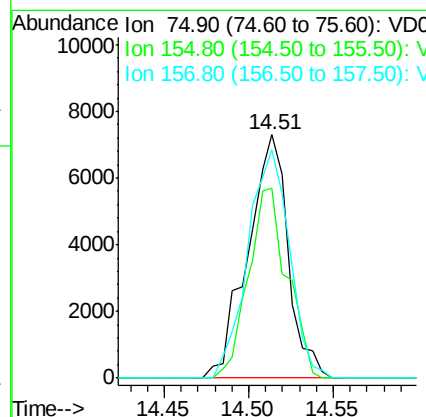
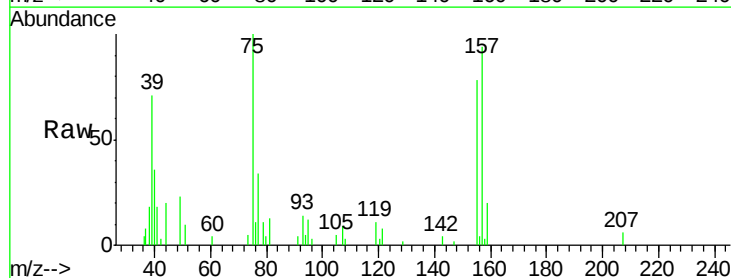
Manual Integrations
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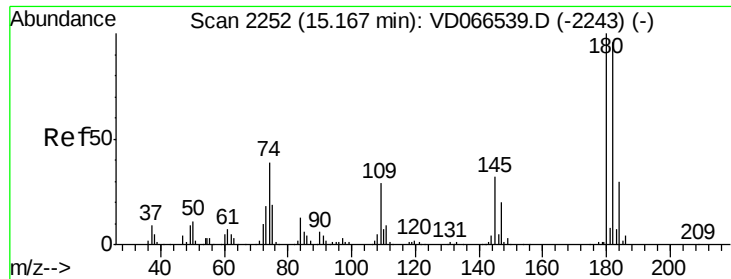
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.493 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.9	39.3	117.8
157	96.6	46.0	137.8





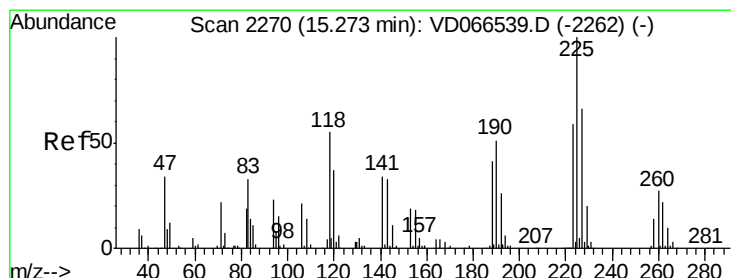
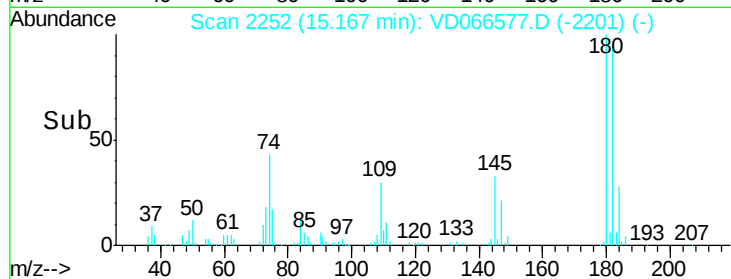
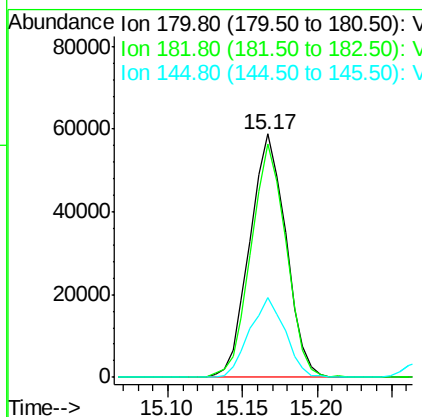
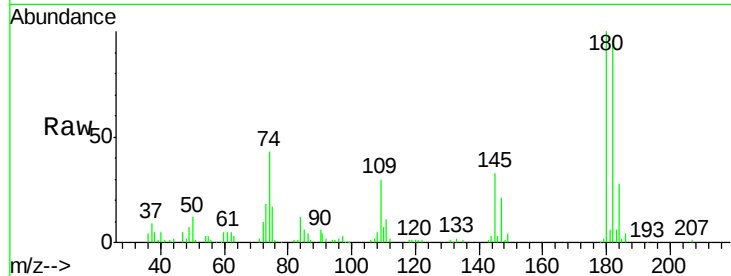
#93
 1,2,4-Trichlorobenzene
 Concen: 20.494 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	98734		
182	93.3		48.4	145.0
145	32.4		16.7	50.0

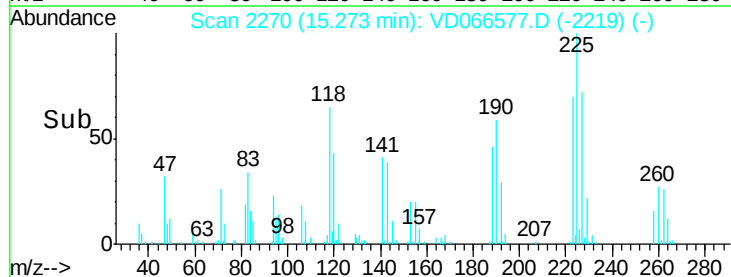
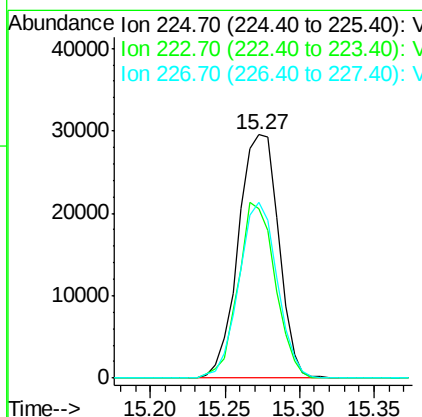
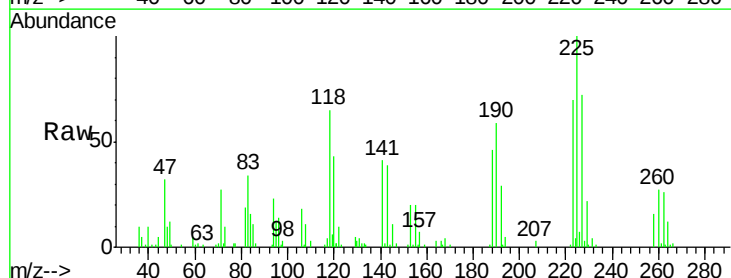
Manual Integrations
 APPROVED

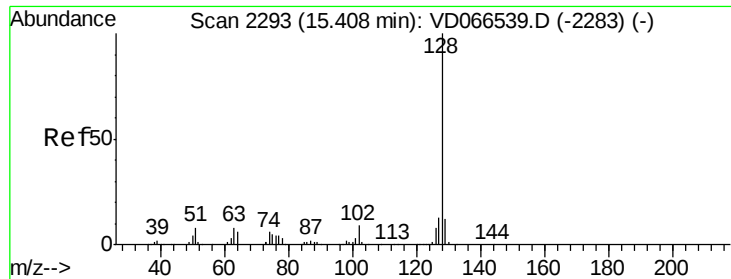
MMDadoda
 9/10/2020 10:46:49 AM



#94
 Hexachlorobutadiene
 Concen: 19.085 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066577.D
 Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55238		
223	66.3		30.5	91.5
227	68.5		32.4	97.2





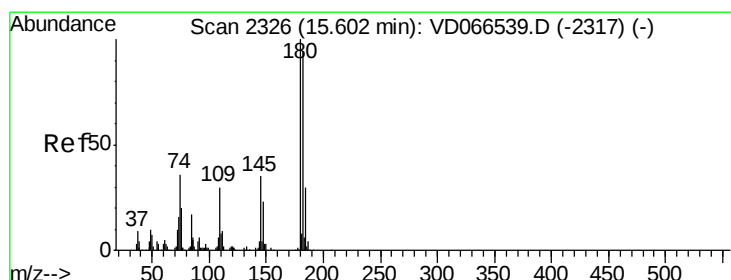
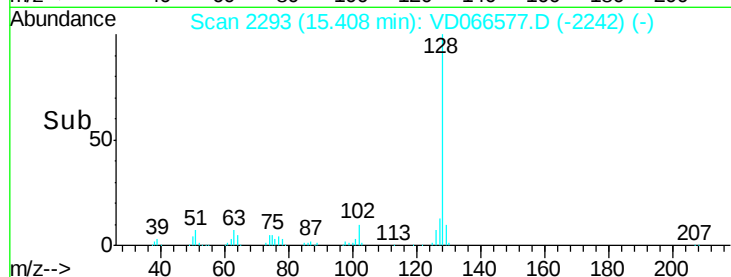
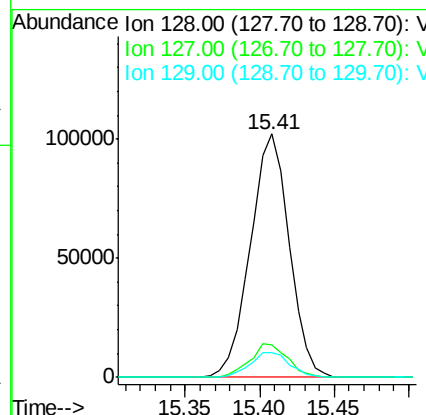
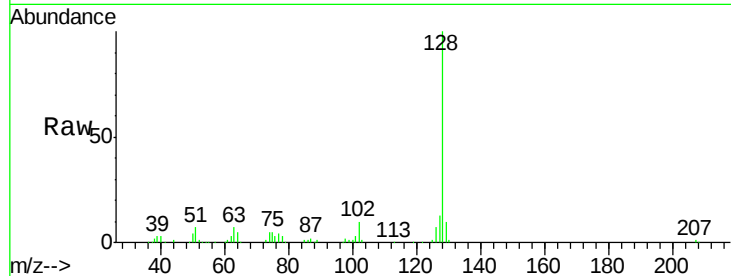
#95
Naphthalene
Concen: 21.832 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.6	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
9/10/2020 10:46:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.557 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066577.D
Acq: 09 Sep 2020 12:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.9	143.6
145	35.4	17.3	51.7

