

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066349.D
 Acq On : 20 Aug 2020 07:15
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 8/20/2020 3:37:08 PM

Quant Time: Aug 20 08:30:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	182161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	273182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	250289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	124053	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	93061	57.26	ug/l	0.00
Spiked Amount			Recovery	=	114.52%	
35) Dibromofluoromethane	7.91	113	89237	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	
50) Toluene-d8	10.34	98	318615	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.63	95	111815	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	64075	39.925	ug/l	96
3) Chloromethane	2.20	50	50223	40.229	ug/l	98
4) Vinyl Chloride	2.35	62	51906	46.962	ug/l	100
5) Bromomethane	2.77	94	43033	58.684	ug/l	99
6) Chloroethane	2.92	64	35722	52.651	ug/l #	86
7) Trichlorofluoromethane	3.27	101	145436	50.472	ug/l	95
8) Diethyl Ether	3.71	74	37564	46.200	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.09	101	78288	45.780	ug/l	97
10) Methyl Iodide	4.30	142	91348	57.509	ug/l	92
11) Tert butyl alcohol	5.21	59	27916	226.464	ug/l	99
12) 1,1-Dichloroethene	4.07	96	73768	45.727	ug/l	98
13) Acrolein	3.93	56	21448	165.802	ug/l	98
14) Allyl chloride	4.71	41	103877	42.503	ug/l #	82
15) Acrylonitrile	5.43	53	82277	240.140	ug/l	99
16) Acetone	4.15	43	65799	213.383	ug/l	92
17) Carbon Disulfide	4.41	76	202607	39.499	ug/l	99
18) Methyl Acetate	4.71	43	37074	47.334	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	190482	51.514	ug/l	97
20) Methylene Chloride	4.96	84	102772	58.861	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	88254	47.622	ug/l	90
22) Diisopropyl ether	6.36	45	216140	44.721	ug/l	93
23) Vinyl Acetate	6.30	43	646301	228.261	ug/l	100
24) 1,1-Dichloroethane	6.26	63	148209	49.551	ug/l	98
25) 2-Butanone	7.21	43	94068	207.408	ug/l	91
26) 2,2-Dichloropropane	7.21	77	132812	49.543	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	102062	52.506	ug/l	98
28) Bromochloromethane	7.54	49	52622	50.091	ug/l	93
29) Tetrahydrofuran	7.56	42	58794	209.233	ug/l	92
30) Chloroform	7.71	83	175865	55.996	ug/l	98
31) Cyclohexane	7.98	56	109622	38.502	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	165274	56.125	ug/l	97
36) 1,1-Dichloropropene	8.10	75	120296	46.861	ug/l	98
37) Ethyl Acetate	7.29	43	44184	43.441	ug/l	98
38) Carbon Tetrachloride	8.10	117	154642	54.020	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	128999	41.570	ug/l	98
40) Benzene	8.34	78	340290	47.785	ug/l	96
41) Methacrylonitrile	7.52	41	30279m	50.631	ug/l	
42) 1,2-Dichloroethane	8.42	62	118835	56.803	ug/l	96
43) Isopropyl Acetate	8.44	43	90570	45.194	ug/l	98
44) Trichloroethene	9.11	130	105216	49.031	ug/l	99
45) 1,2-Dichloropropane	9.38	63	78761	45.221	ug/l	91
46) Dibromomethane	9.47	93	47749	49.772	ug/l	98
47) Bromodichloromethane	9.66	83	137845	54.364	ug/l	98
48) Methyl methacrylate	9.46	41	43048	42.068	ug/l #	76
49) 1,4-Dioxane	9.46	88	10015	812.551	ug/l #	90
51) 4-Methyl-2-Pentanone	10.23	43	226960	220.483	ug/l	98
52) Toluene	10.40	92	228762	48.819	ug/l	95
53) t-1,3-Dichloropropene	10.62	75	121867	50.645	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	138654	49.181	ug/l	91
55) 1,1,2-Trichloroethane	10.80	97	66354	48.033	ug/l	97
56) Ethyl methacrylate	10.66	69	79380	47.834	ug/l	97
57) 1,3-Dichloropropane	10.94	76	110160	48.034	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	184014	246.513	ug/l	97
59) 2-Hexanone	10.98	43	157712	218.306	ug/l	96
60) Dibromochloromethane	11.14	129	97406	51.073	ug/l	98
61) 1,2-Dibromoethane	11.24	107	67218	50.596	ug/l	95
64) Tetrachloroethene	10.87	164	95279	49.574	ug/l	95
65) Chlorobenzene	11.67	112	256099	50.404	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	104582	52.606	ug/l	98
67) Ethyl Benzene	11.74	91	453935	51.555	ug/l	98
68) m/p-Xylenes	11.85	106	338223	99.146	ug/l	93
69) o-Xylene	12.18	106	159409	51.369	ug/l	97
70) Styrene	12.20	104	280519	51.581	ug/l	98
71) Bromoform	12.36	173	60499	51.363	ug/l #	100
73) Isopropylbenzene	12.48	105	451743	54.553	ug/l	99
74) N-amyl acetate	12.29	43	82510	45.248	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	67159	47.562	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	45499m	43.981	ug/l	
77) Bromobenzene	12.76	156	110562	51.867	ug/l	97
78) n-propylbenzene	12.82	91	506278	52.596	ug/l	99
79) 2-Chlorotoluene	12.91	91	297832	54.098	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	382408	55.219	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	20726	44.288	ug/l	87
82) 4-Chlorotoluene	13.00	91	313035	53.863	ug/l	98
83) tert-Butylbenzene	13.23	119	333784	54.805	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	382441	55.181	ug/l	99
85) sec-Butylbenzene	13.40	105	434672	52.862	ug/l	99
86) p-Isopropyltoluene	13.52	119	412210	53.449	ug/l	97
87) 1,3-Dichlorobenzene	13.52	146	209413	52.270	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	205793	51.507	ug/l	99
89) n-Butylbenzene	13.84	91	355451	51.441	ug/l	98
90) Hexachloroethane	14.11	117	82898	53.895	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	182510	51.511	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13206	54.417	ug/l	91

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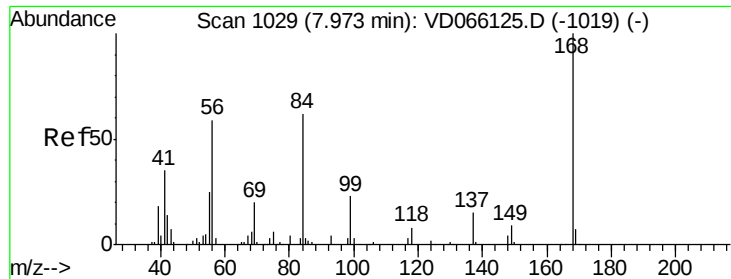
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	132497	50.744	ug/l	98
94) Hexachlorobutadiene	15.27	225	80948	52.647	ug/l	98
95) Naphthalene	15.40	128	230047	54.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	118449	51.388	ug/l	99

(#) = 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. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 182161

Ion Ratio Lower Upper

168 100

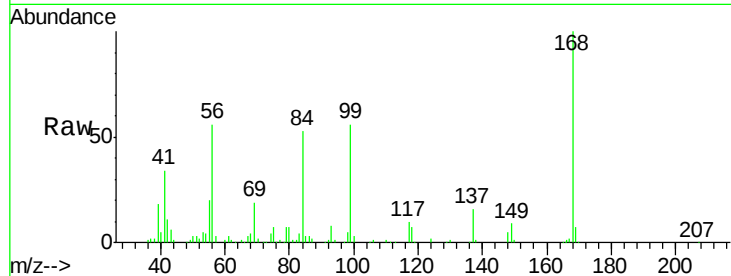
99 56.3 42.2 63.4

Manual Integrations

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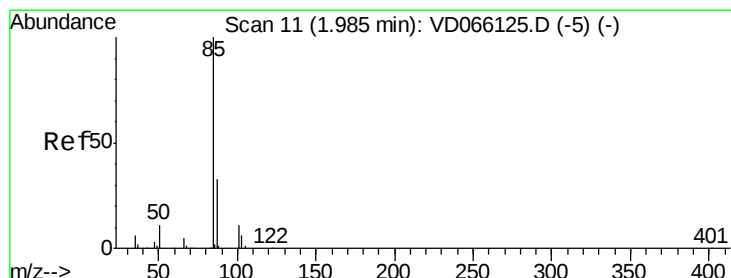
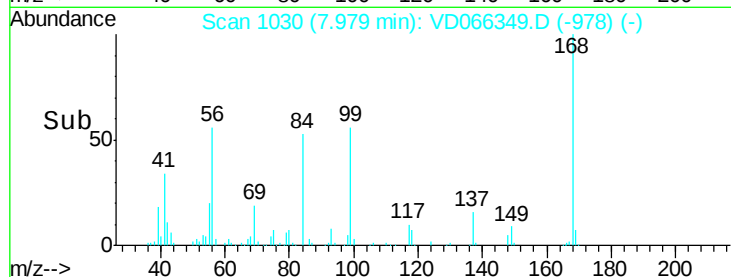
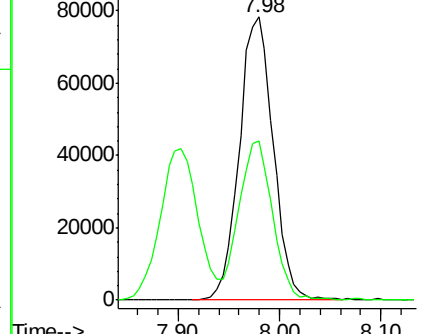
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 39.925 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066349.D

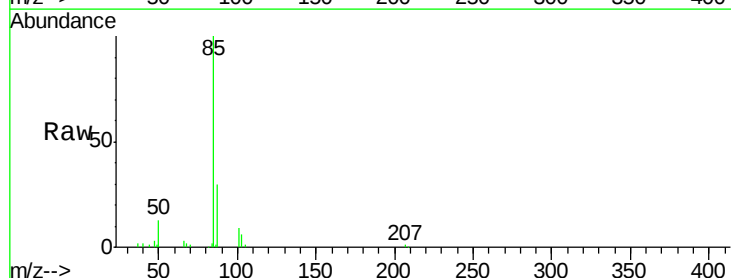
Acq: 20 Aug 2020 07:15

Tgt Ion: 85 Resp: 64075

Ion Ratio Lower Upper

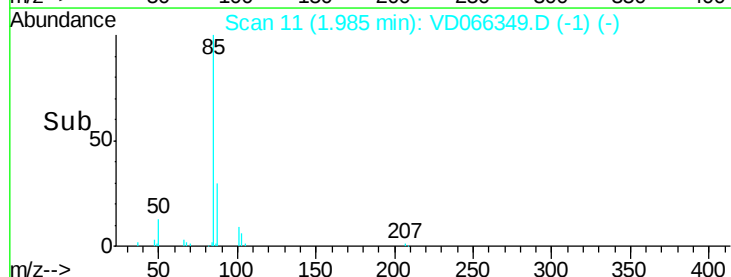
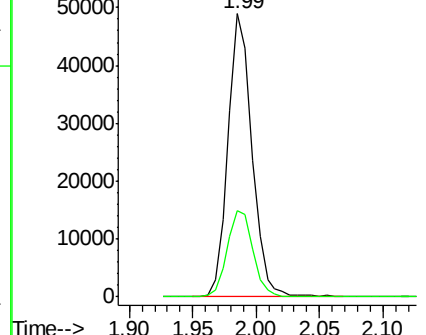
85 100

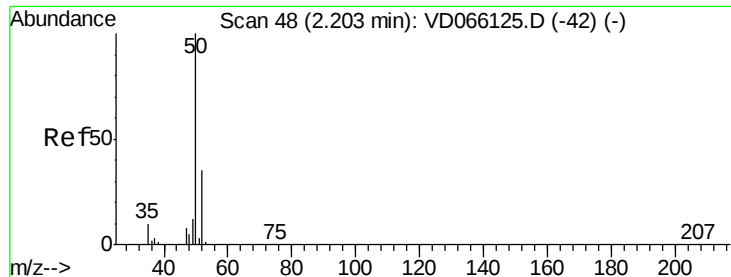
87 30.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 40.229 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 50223

Ion Ratio Lower Upper

50 100

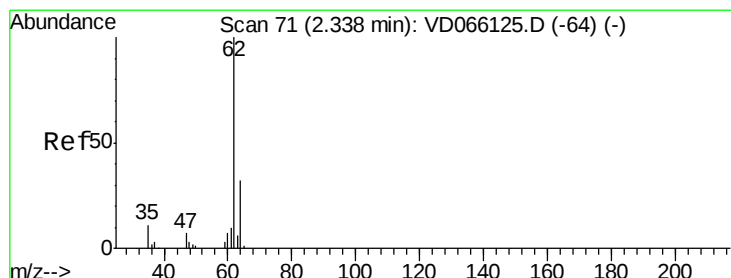
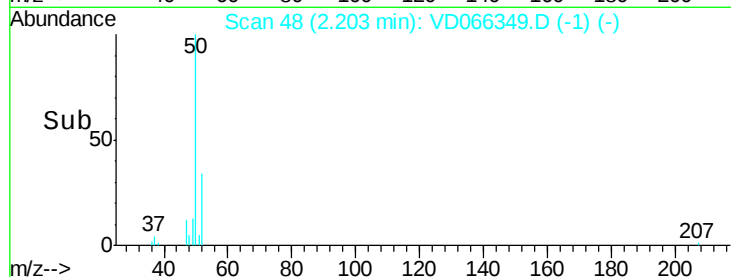
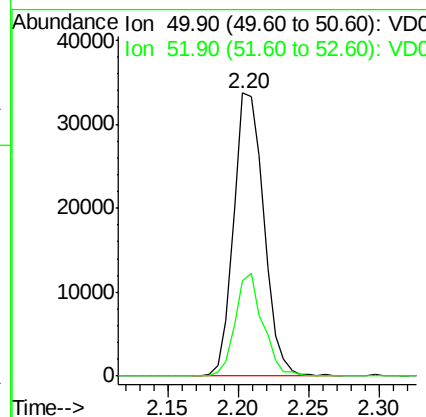
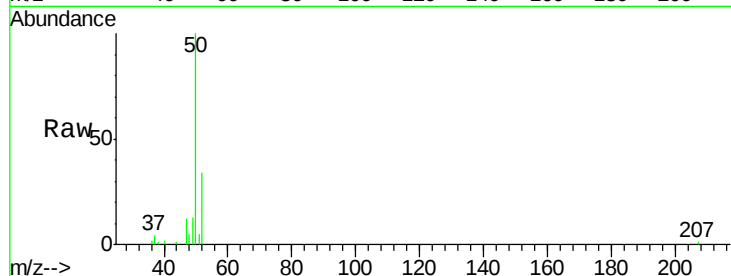
52 33.7 27.9 41.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.962 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066349.D

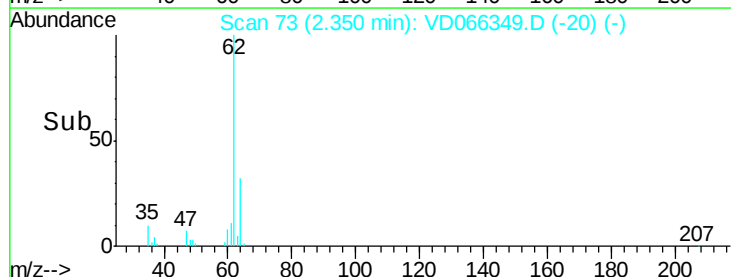
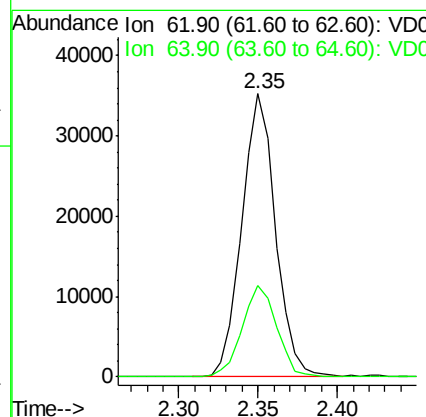
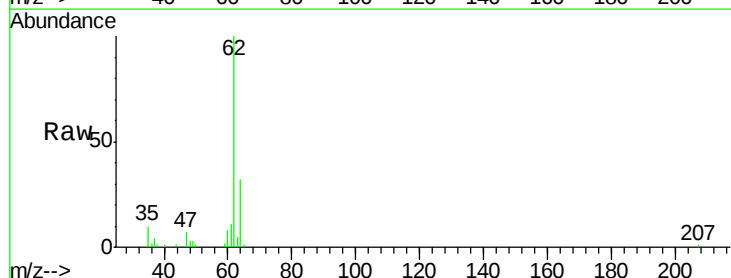
Acq: 20 Aug 2020 07:15

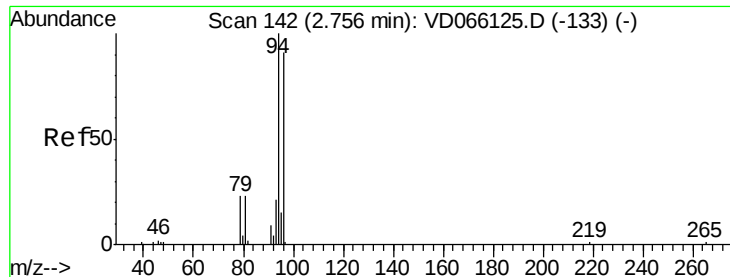
Tgt Ion: 62 Resp: 51906

Ion Ratio Lower Upper

62 100

64 32.4 25.8 38.8





#5

Bromomethane

Concen: 58.684 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

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Tot Ion: 94 Resp: 43033

Ion Ratio Lower Upper

94 100

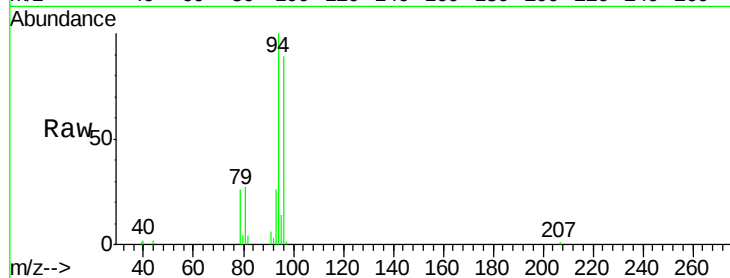
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Manual Integrations

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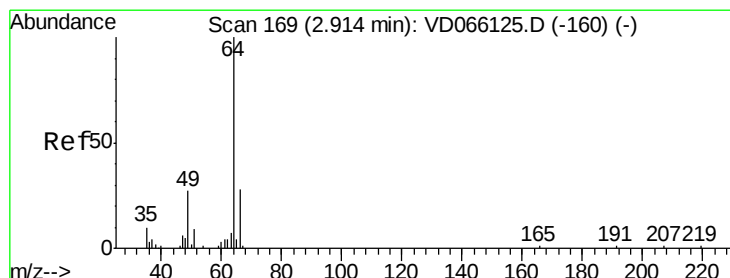
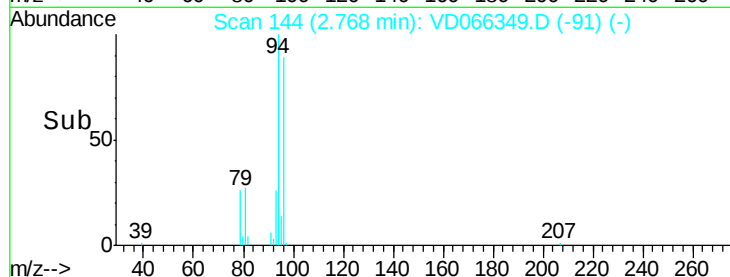
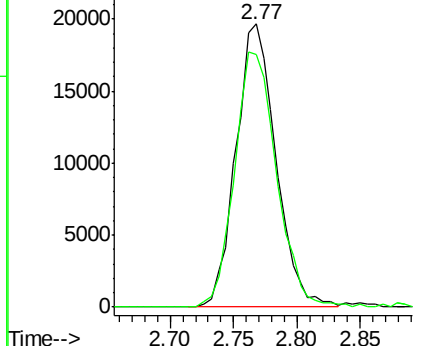
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.651 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066349.D

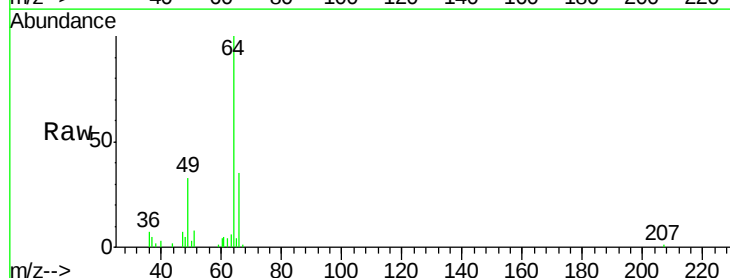
Acq: 20 Aug 2020 07:15

Tgt Ion: 64 Resp: 35722

Ion Ratio Lower Upper

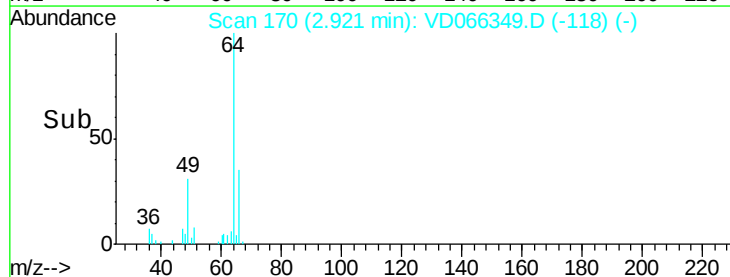
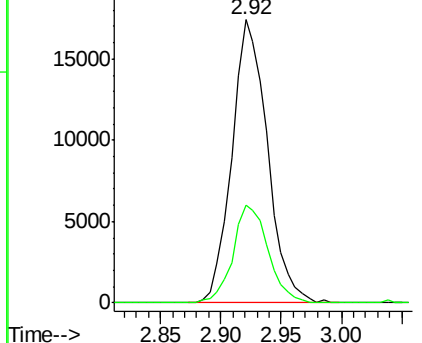
64 100

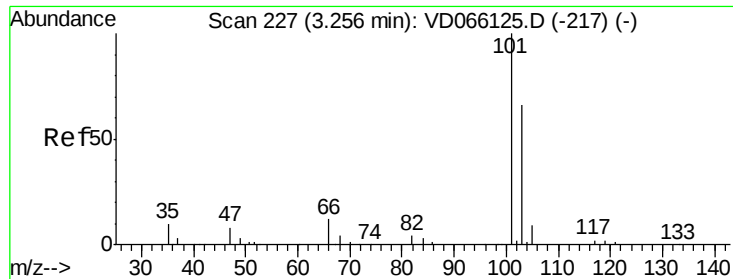
66 34.7 22.0 33.0#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

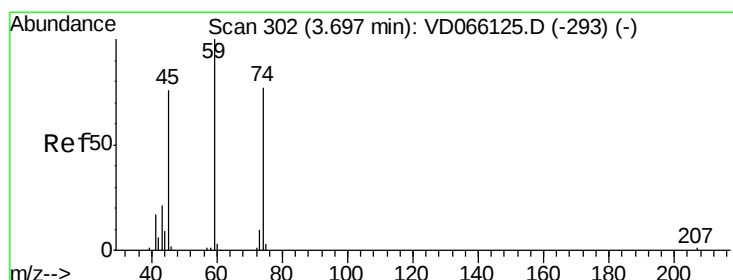
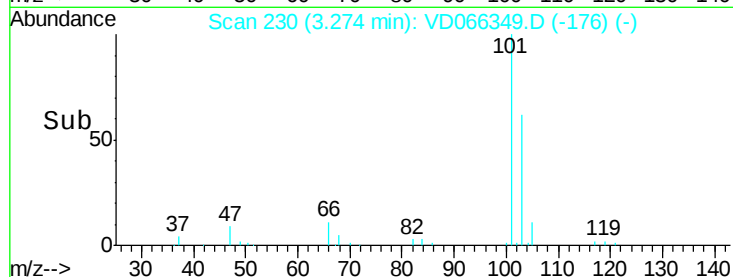
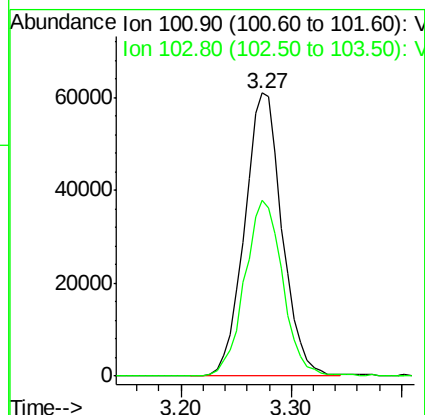
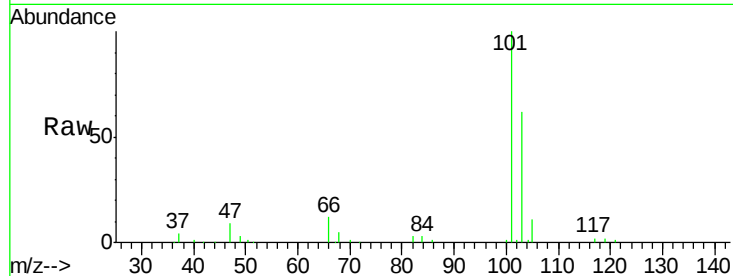
Trichlorofluoromethane
Concen: 50.472 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.02 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		145436		
103	62.2	53.0	79.6		

Manual Integrations
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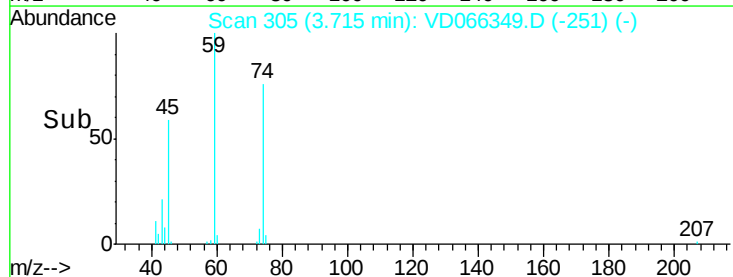
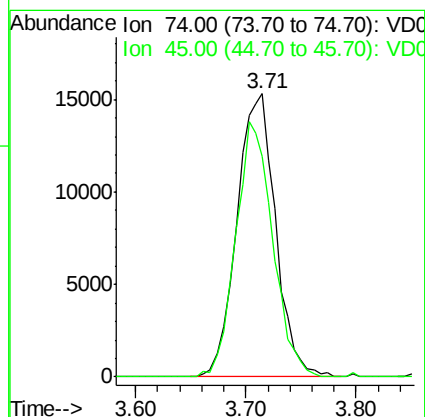
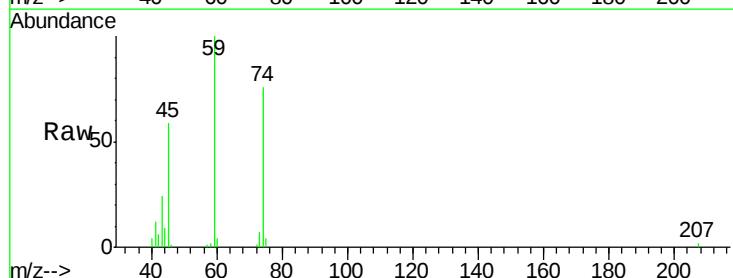
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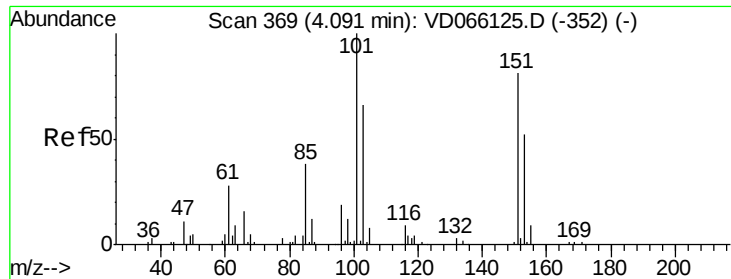


#8

Diethyl Ether
Concen: 46.200 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.02 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		37564		
45	86.3	48.4	145.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.780 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

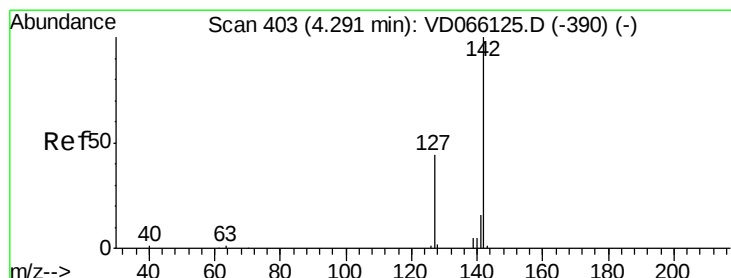
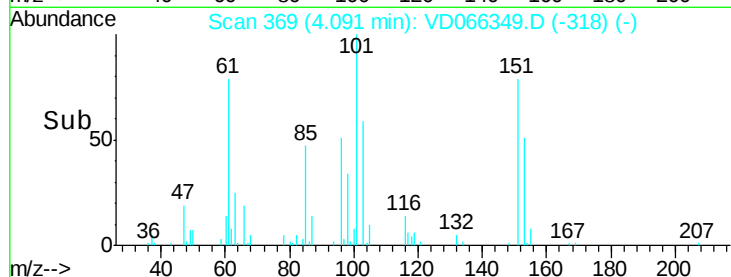
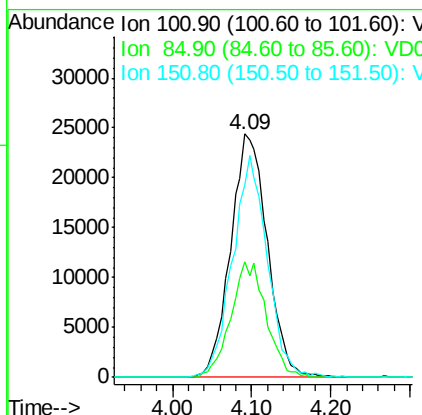
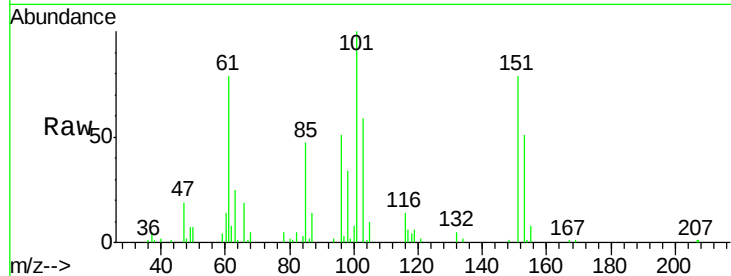
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	78288
Ion Ratio	Lower	Upper	
101	100		
85	45.5	33.5	50.3
151	86.0	67.8	101.8

Manual Integrations
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#10

Methyl Iodide

Concen: 57.509 ug/l

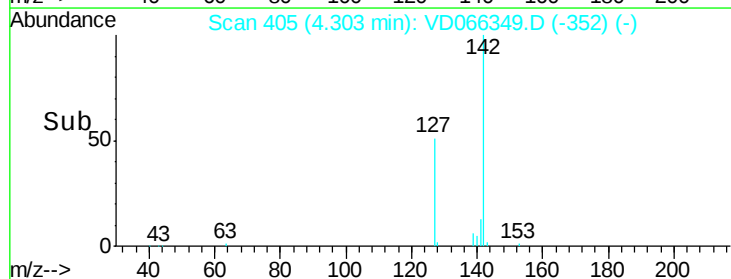
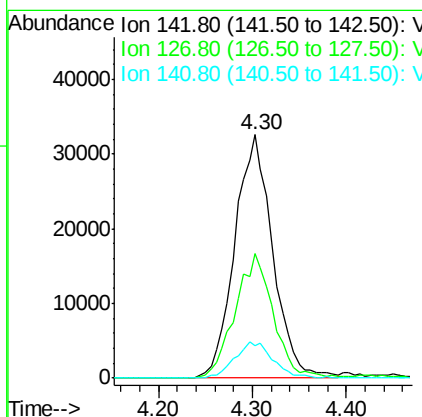
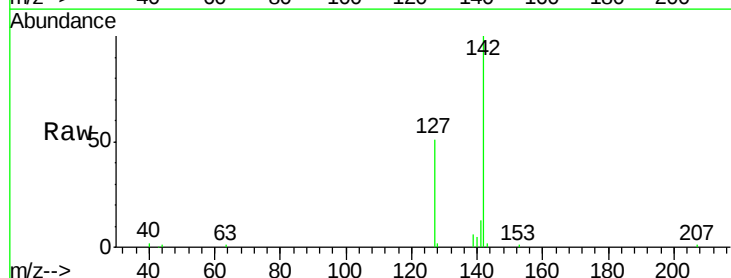
RT: 4.30 min Scan# 405

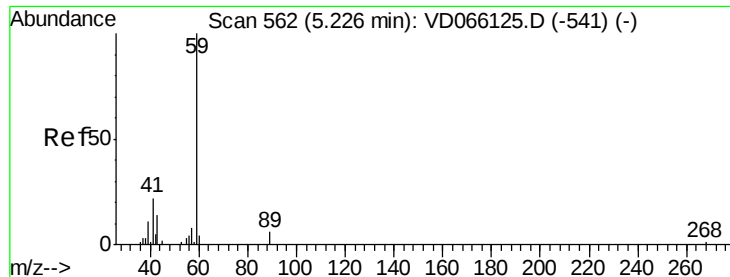
Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Tgt Ion:	142	Resp:	91348
Ion Ratio	Lower	Upper	
142	100		
127	51.5	36.2	54.4
141	14.8	12.6	18.8





#11

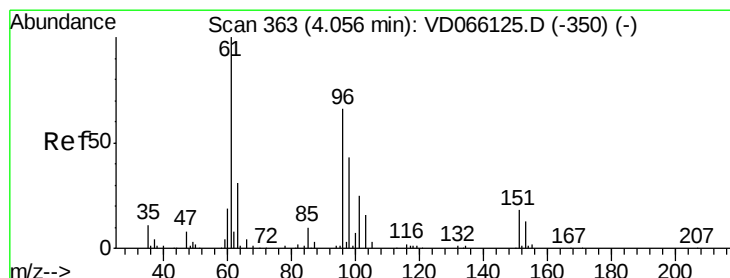
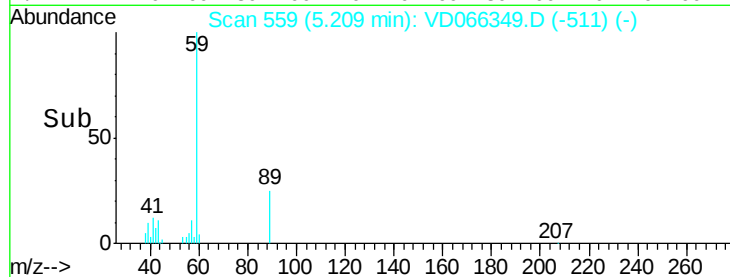
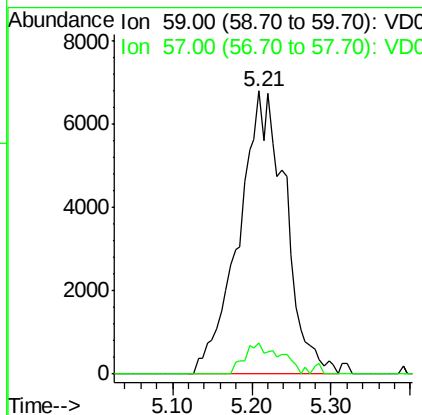
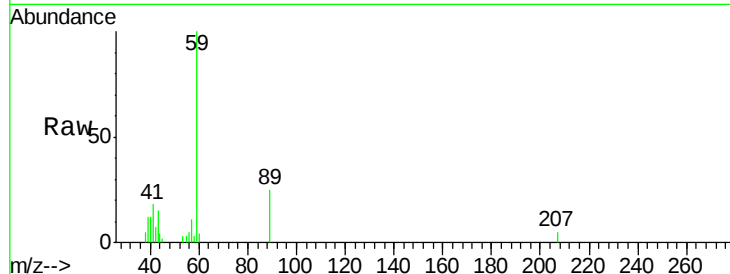
Tert butyl alcohol
 Concen: 226.464 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.3	7.0	10.4

Manual Integrations
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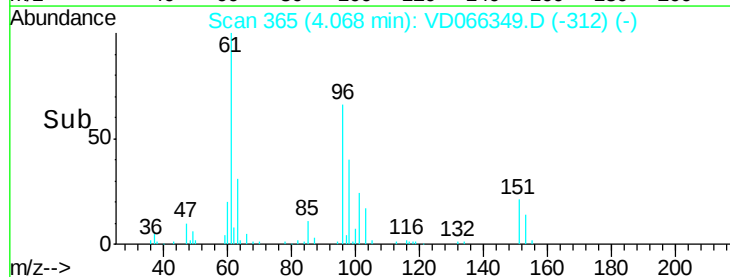
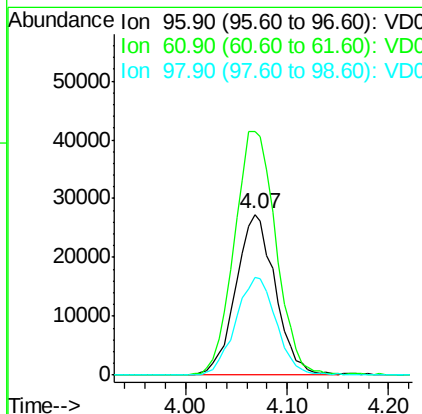
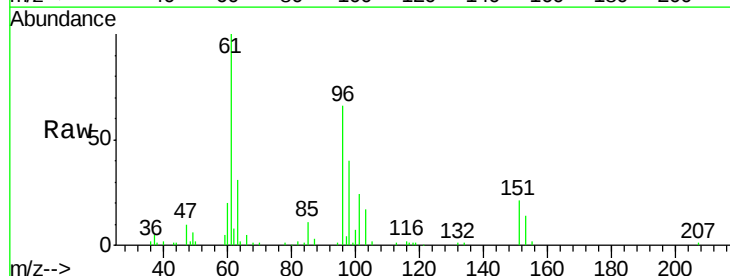
MMDadoda
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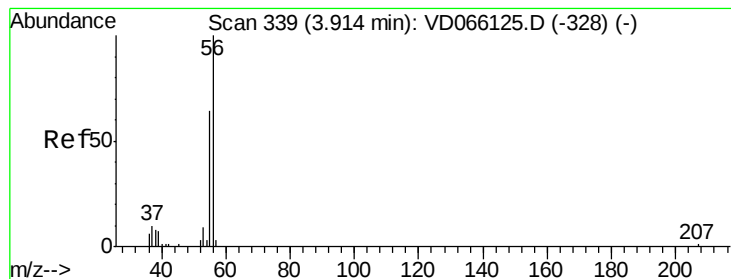


#12

1,1-Dichloroethene
 Concen: 45.727 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.2	121.6	182.4
98	60.9	52.0	78.0





#13

Acrolein

Concen: 165.802 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 21448

Ion Ratio Lower Upper

56 100

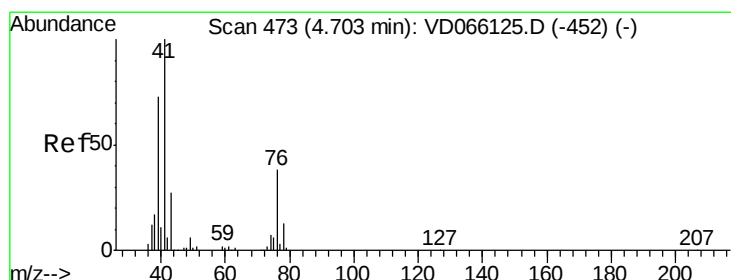
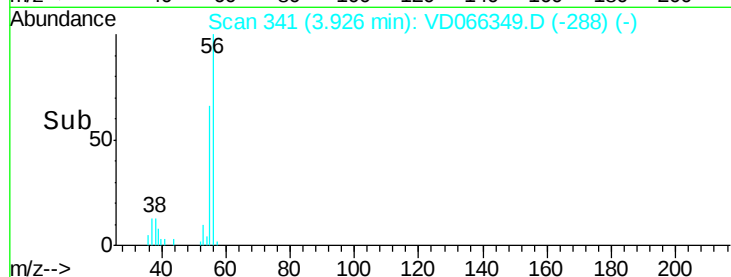
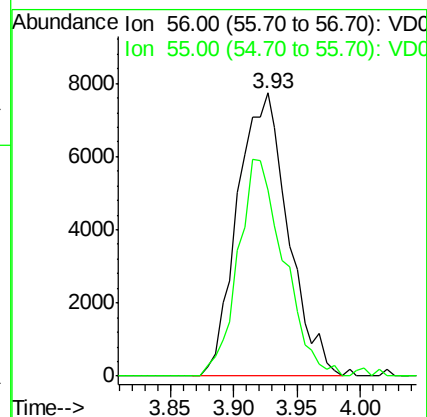
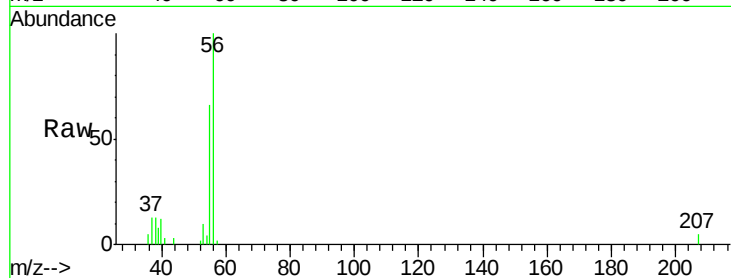
55 69.3 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 42.503 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

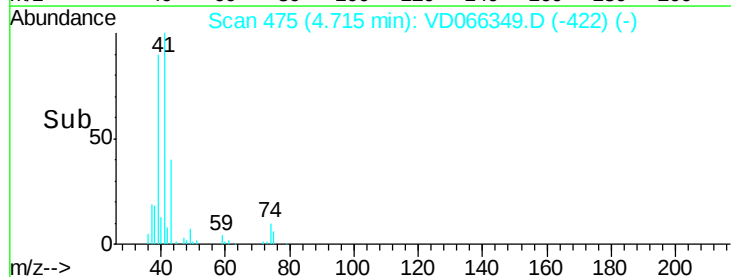
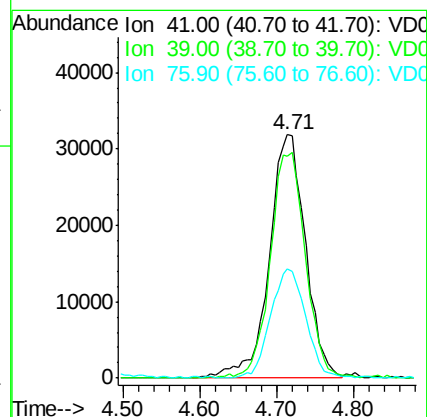
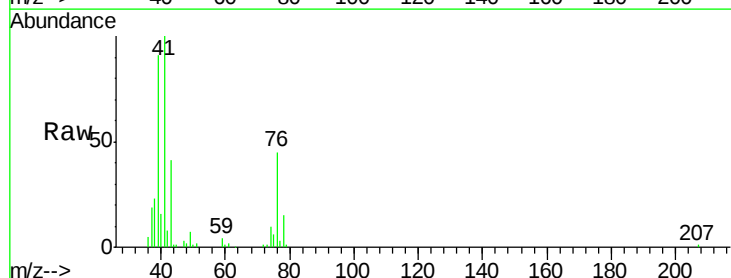
Tgt Ion: 41 Resp: 103877

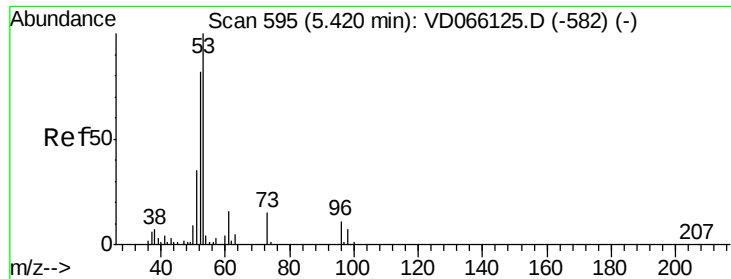
Ion Ratio Lower Upper

41 100

39 90.1 57.4 86.0#

76 43.7 30.1 45.1





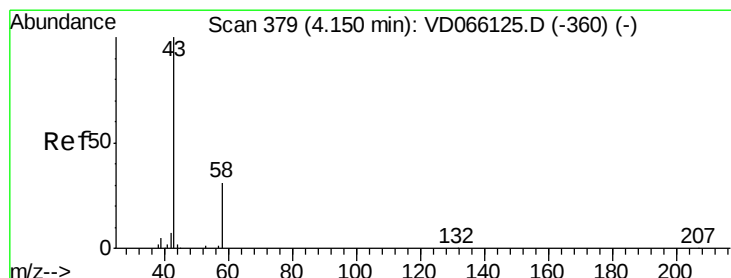
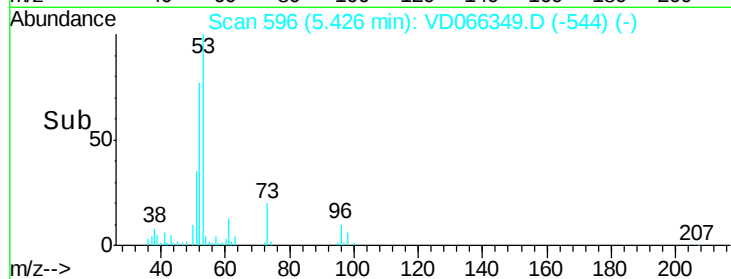
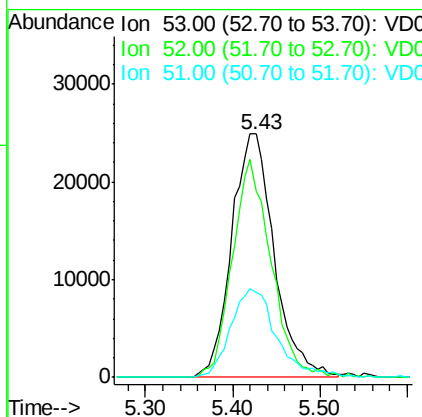
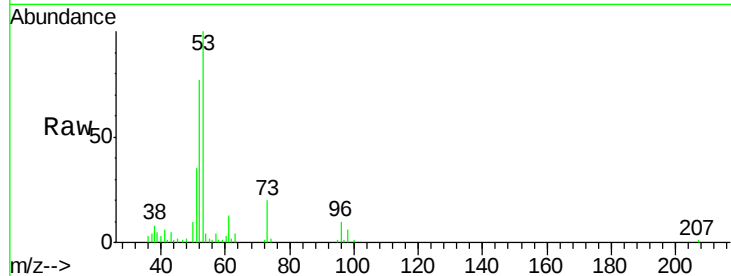
#15
 Acrylonitrile
 Concen: 240.140 ug/l
 RT: 5.43 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	82277
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.1	99.1
51	39.1	30.8	46.2

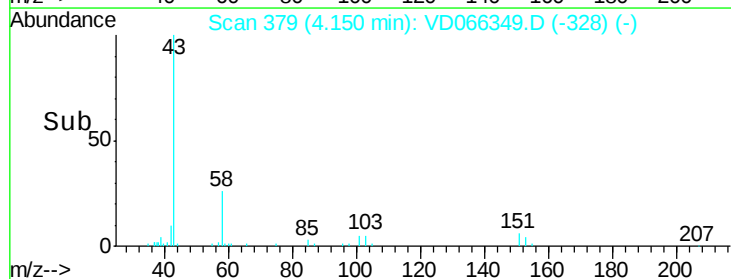
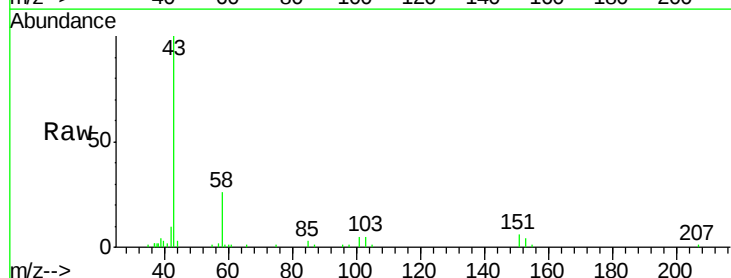
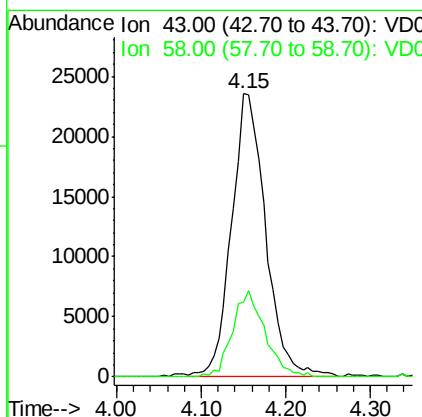
Manual Integrations
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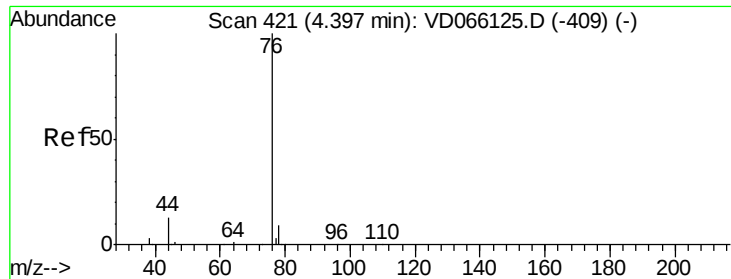
MMDadoda
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#16
 Acetone
 Concen: 213.383 ug/l
 RT: 4.15 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion:	43	Resp:	65799
Ion	Ratio	Lower	Upper
43	100		
58	26.4	24.7	37.1





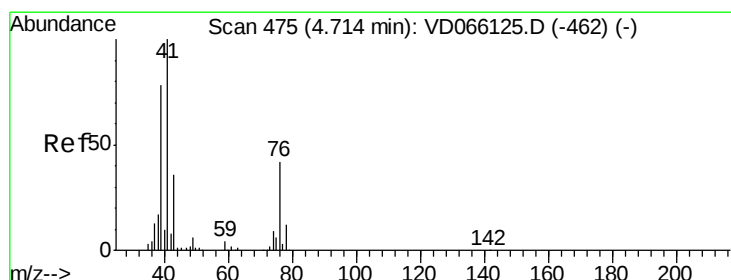
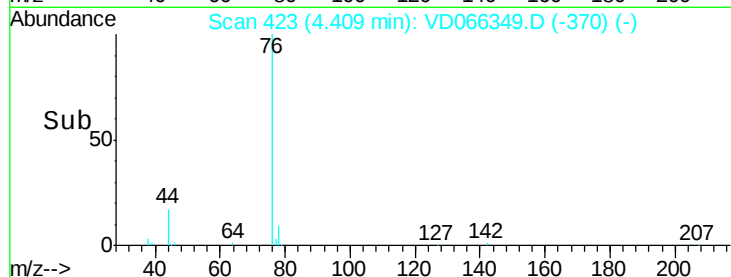
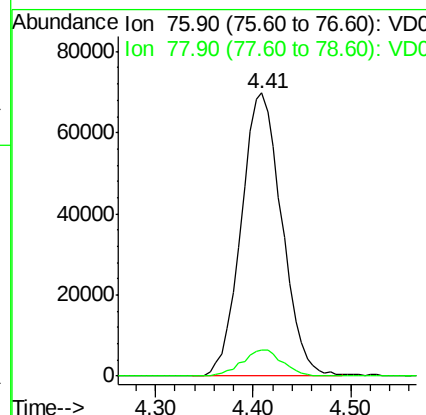
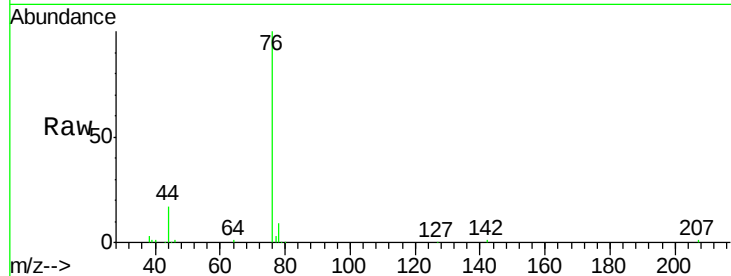
#17
Carbon Disulfide
Concen: 39.499 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

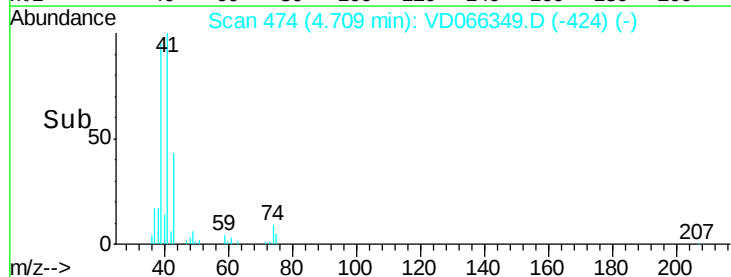
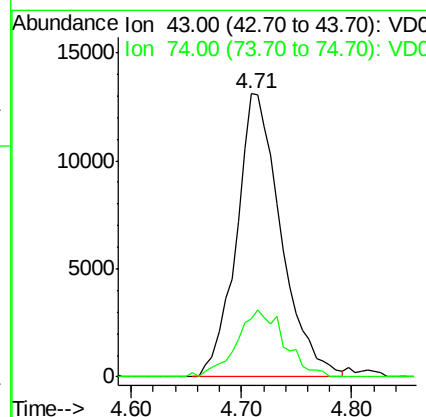
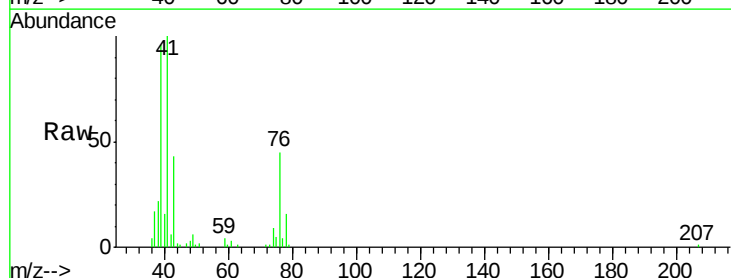
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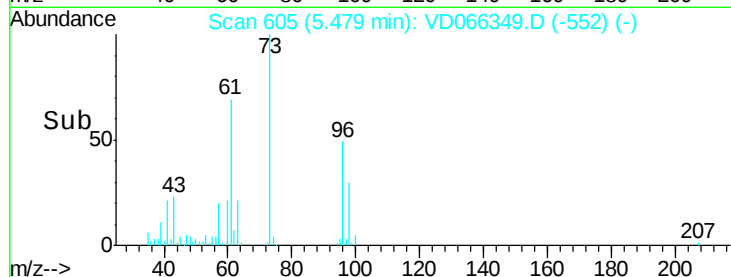
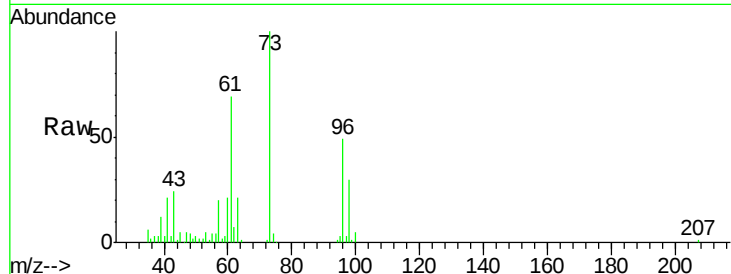
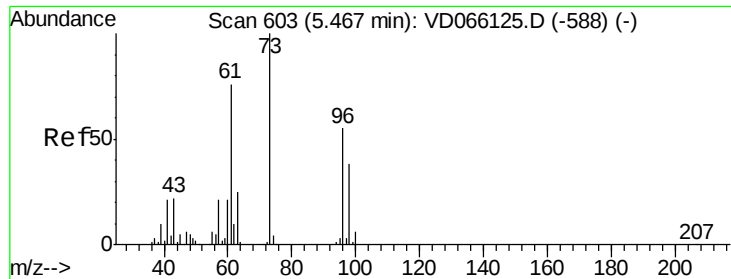
MMDadoda
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#18
Methyl Acetate
Concen: 47.334 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	21.2	31.8





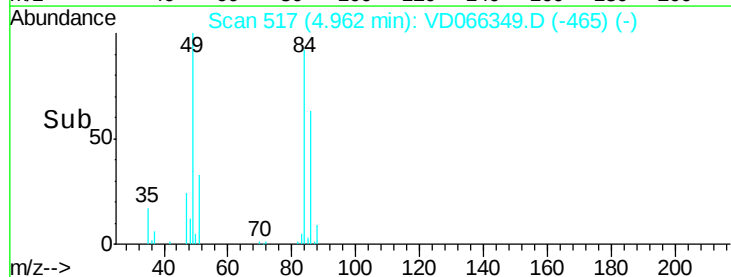
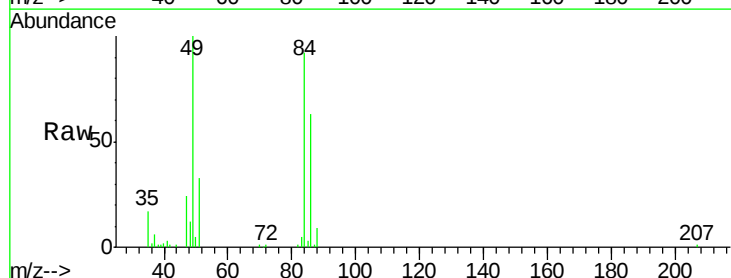
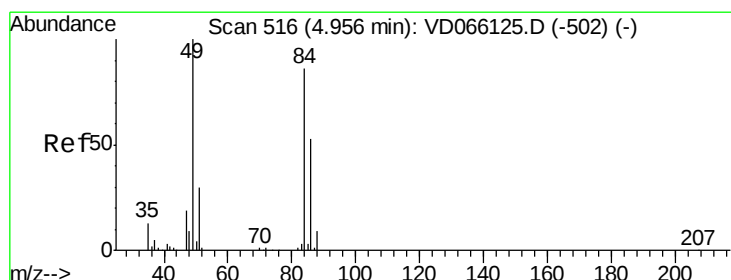
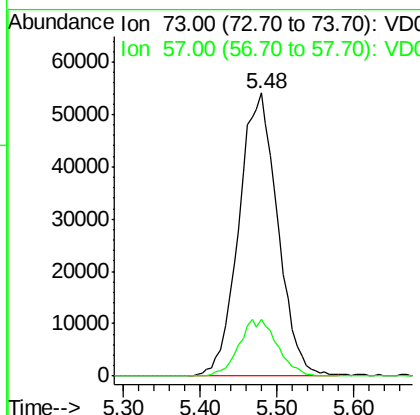
#19
Methyl tert-butyl Ether
Concen: 51.514 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tot Ion: 73 Resp: 190482
Ion Ratio Lower Upper
73 100
57 20.1 17.1 25.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

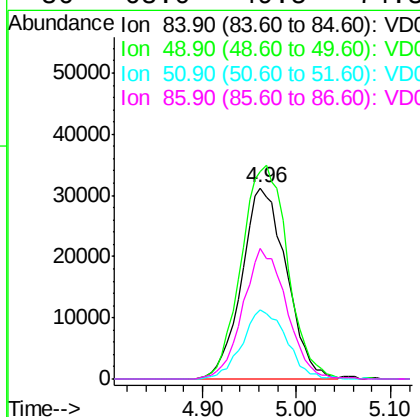
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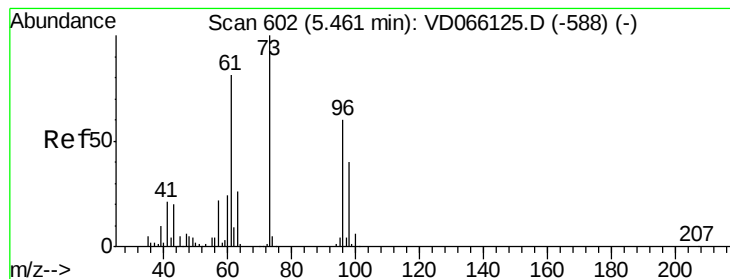
MMDadoda
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#20
Methylene Chloride
Concen: 58.861 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 84 Resp: 102772
Ion Ratio Lower Upper
84 100
49 108.7 93.5 140.3
51 36.3 28.2 42.4
86 68.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 47.622 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

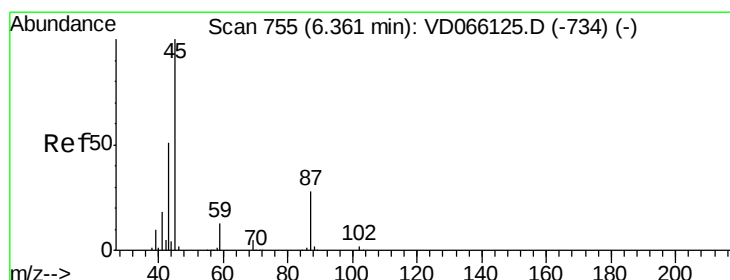
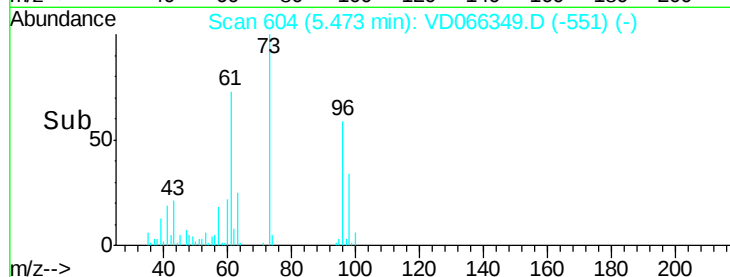
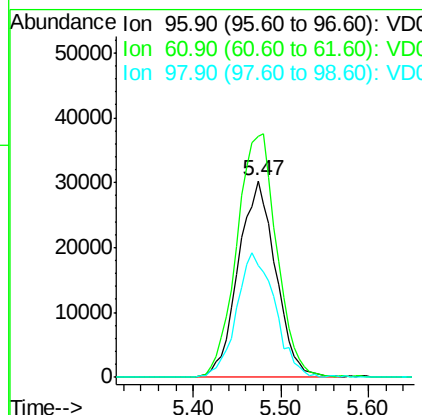
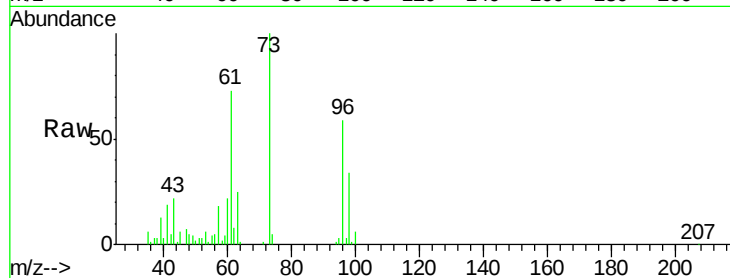
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	88254
Ion	Ratio	Lower	Upper
96	100		
61	122.5	106.9	160.3
98	57.3	53.4	80.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 44.721 ug/l

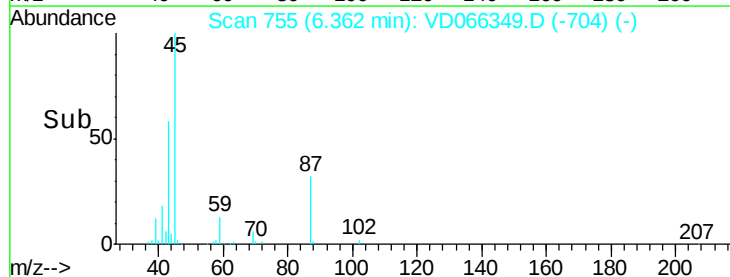
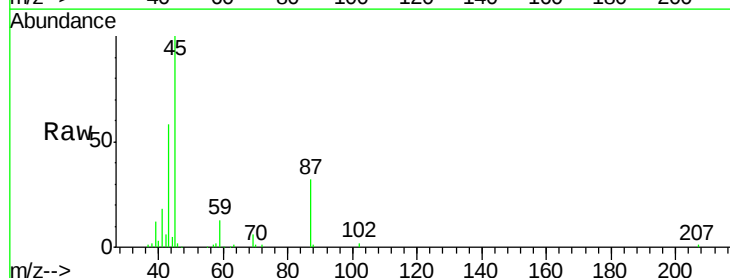
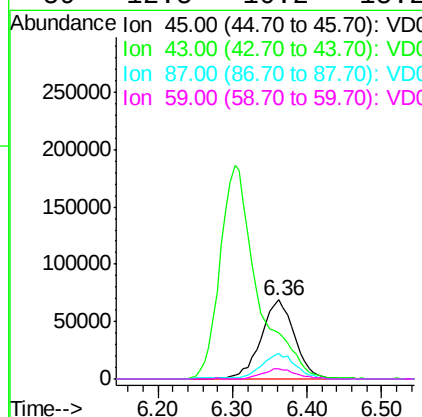
RT: 6.36 min Scan# 755

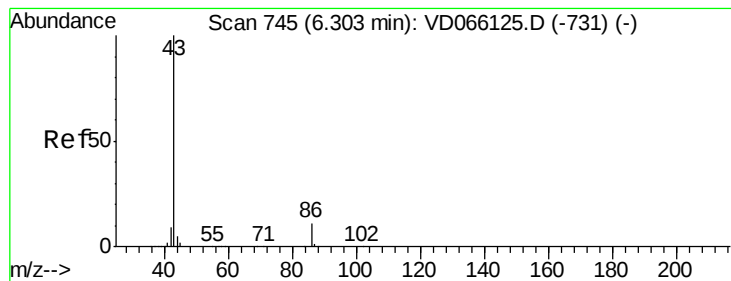
Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Tgt Ion:	45	Resp:	216140
Ion	Ratio	Lower	Upper
45	100		
43	57.4	41.2	61.8
87	32.4	22.8	34.2
59	12.5	10.2	15.2





#23

Vinyl Acetate

Concen: 228.261 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 646301

Ion Ratio Lower Upper

43 100

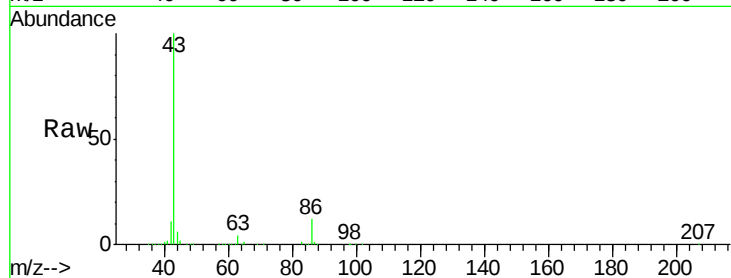
86 11.6 9.1 13.7

Manual Integrations

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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

200000

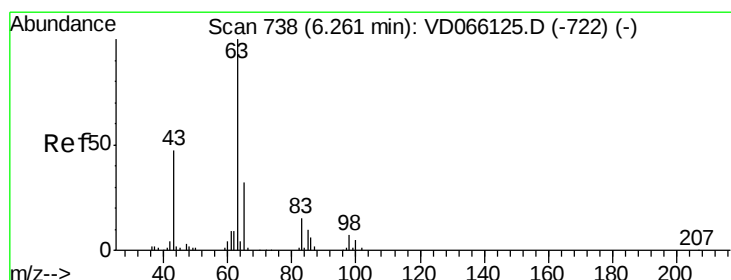
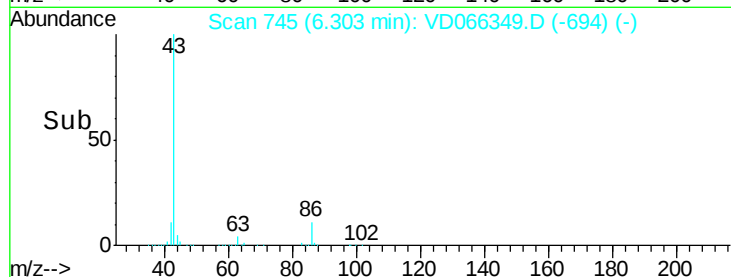
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.551 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

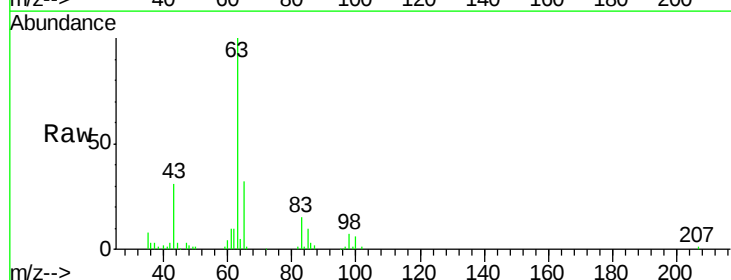
Tgt Ion: 63 Resp: 148209

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 5.9 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

60000

50000

40000

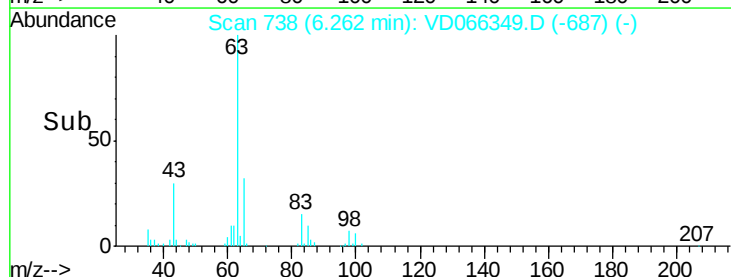
30000

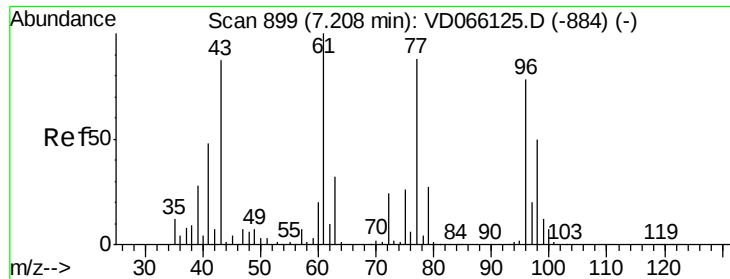
20000

10000

0

Time-->





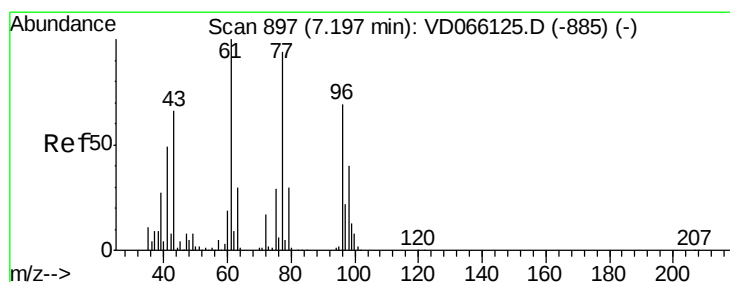
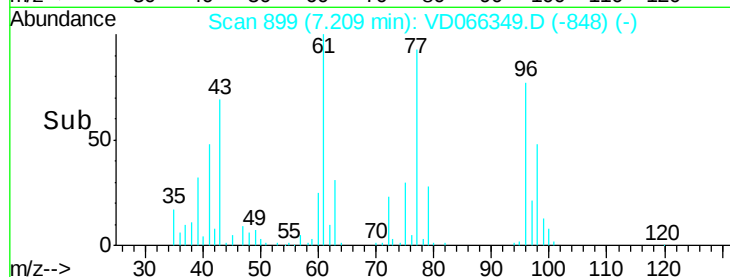
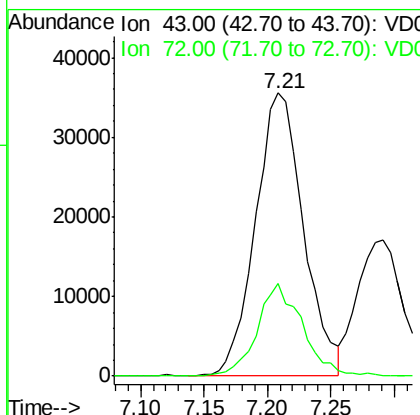
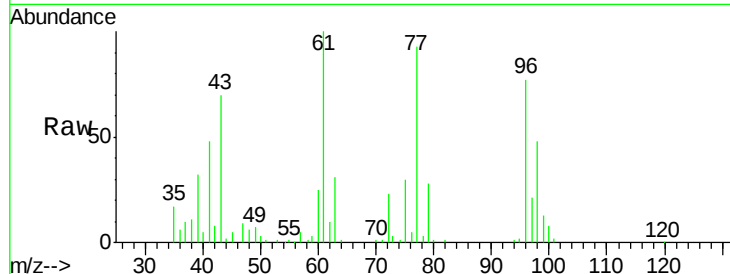
#25
2-Butanone
Concen: 207.408 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 94068
Ion Ratio Lower Upper
43 100
72 32.5 22.2 33.2

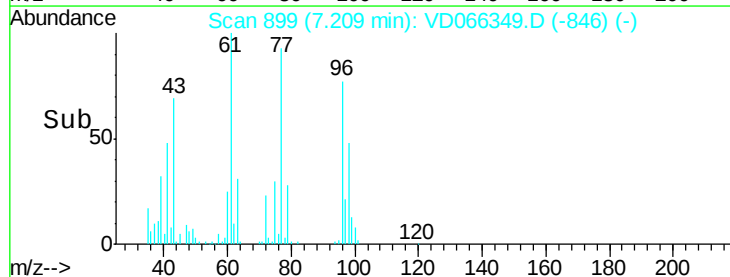
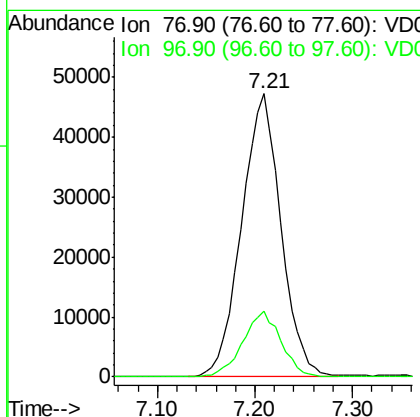
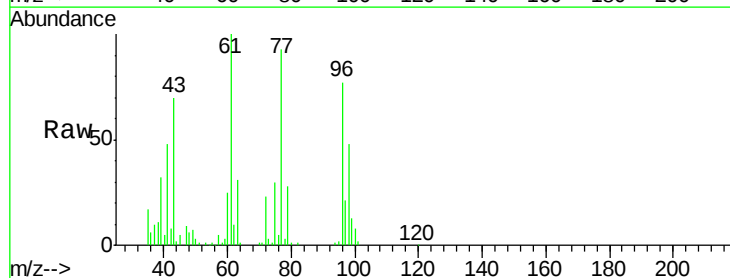
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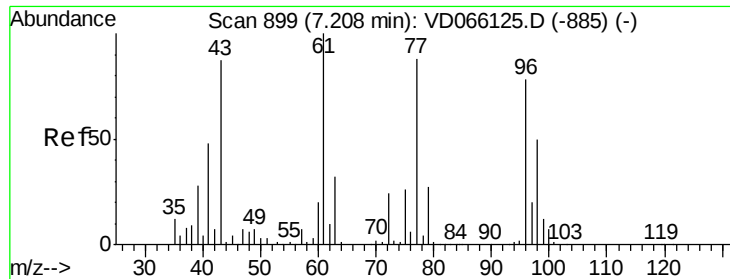
MMDadoda
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#26
2,2-Dichloropropane
Concen: 49.543 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 77 Resp: 132812
Ion Ratio Lower Upper
77 100
97 22.4 11.8 35.3





#27

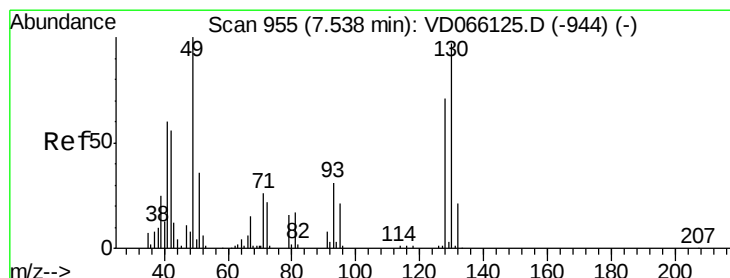
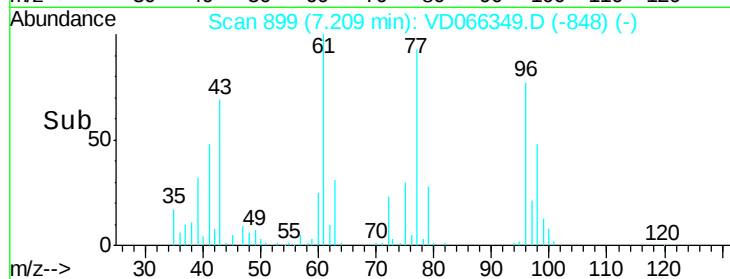
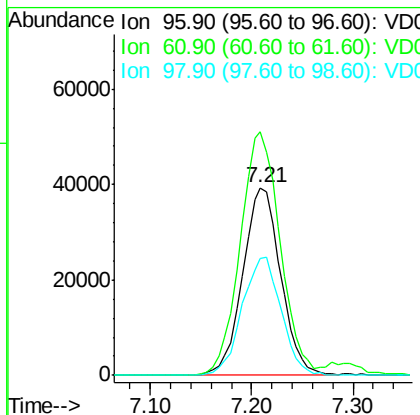
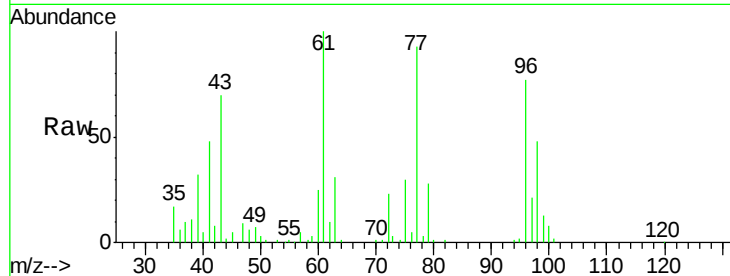
cis-1,2-Dichloroethene
Concen: 52.506 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	281.6
98	64.7	0.0	130.8

Manual Integrations
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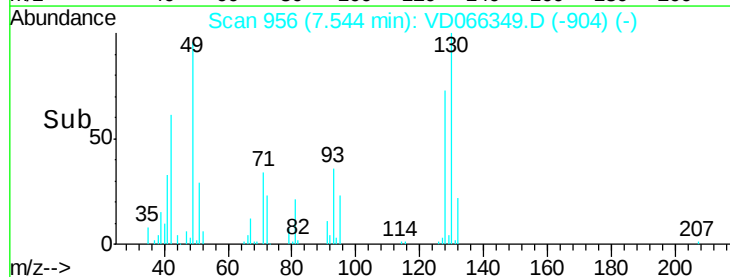
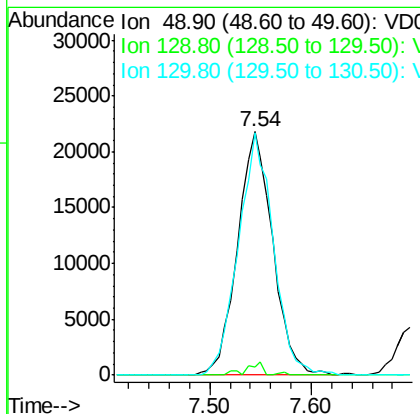
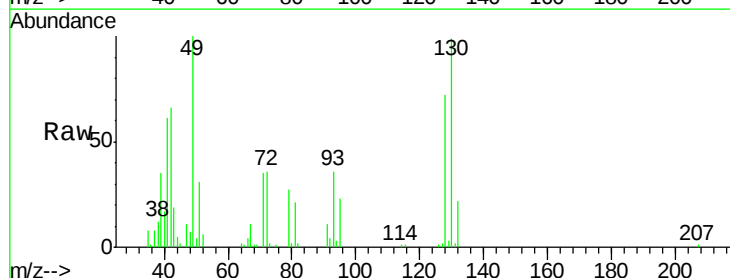
MMDadoda
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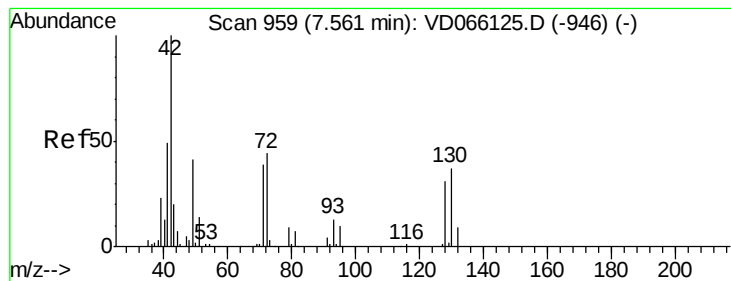


#28

Bromochloromethane
Concen: 50.091 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	6.0
130	99.0	73.8	110.6





#29

Tetrahydrofuran

Concen: 209.233 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

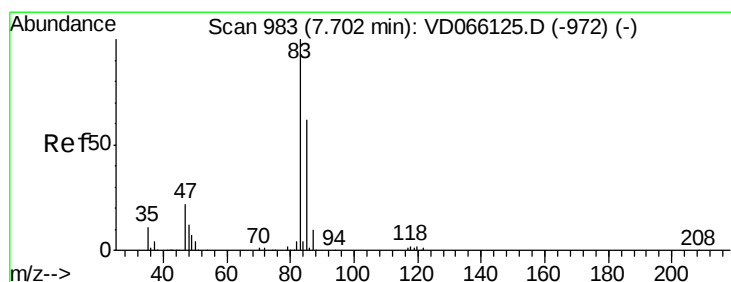
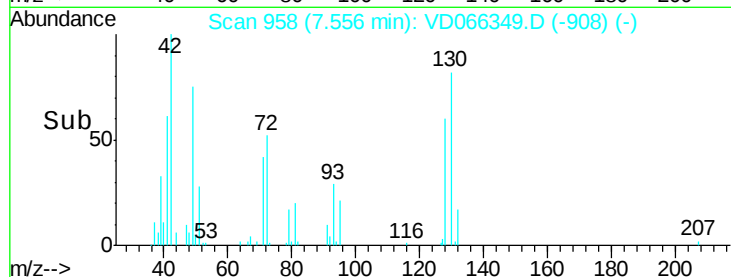
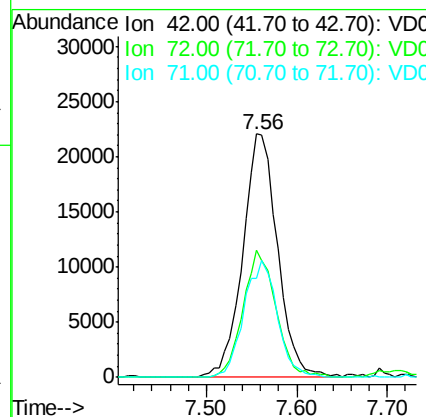
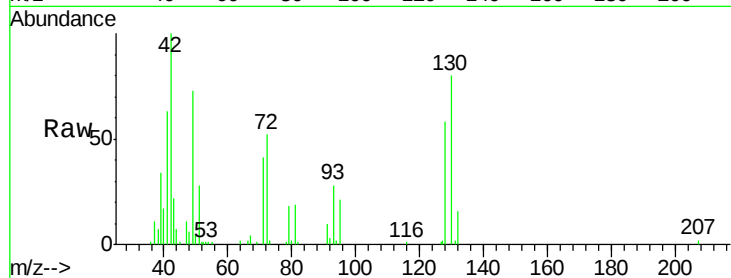
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	58794
Ion	Ratio	Lower	Upper
42	100		
72	49.6	34.8	52.2
71	46.1	33.5	50.3

Manual Integrations
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#30

Chloroform

Concen: 55.996 ug/l

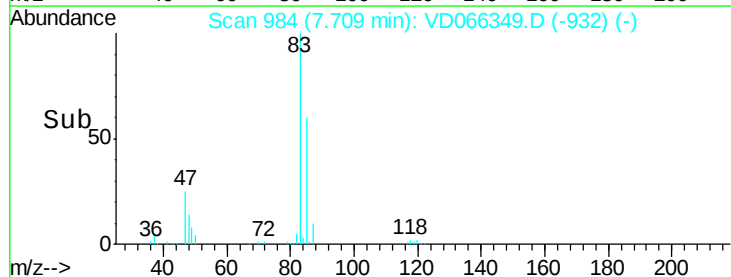
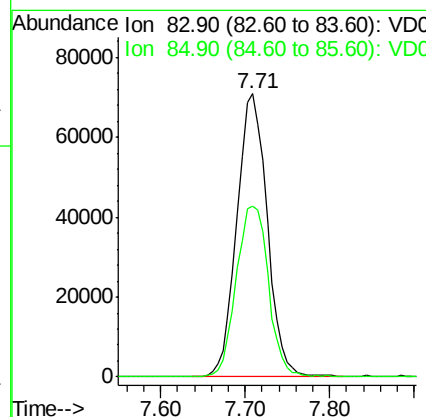
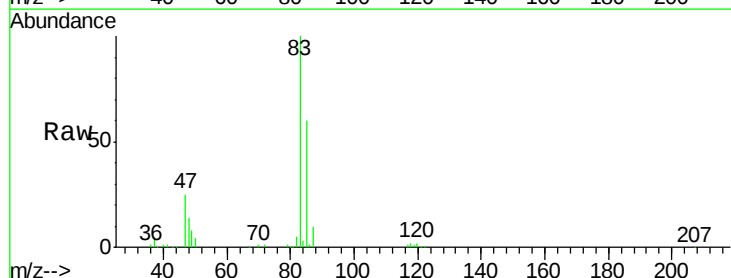
RT: 7.71 min Scan# 984

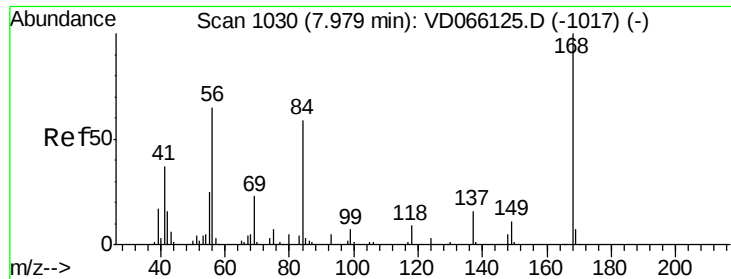
Delta R.T. 0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Tgt Ion:	83	Resp:	175865
Ion	Ratio	Lower	Upper
83	100		
85	60.2	49.5	74.3





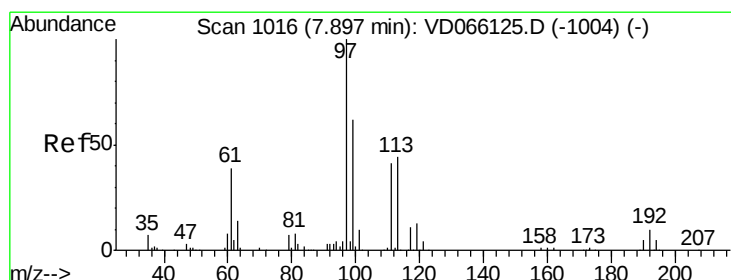
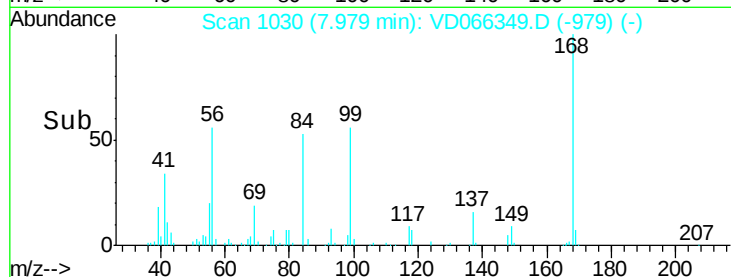
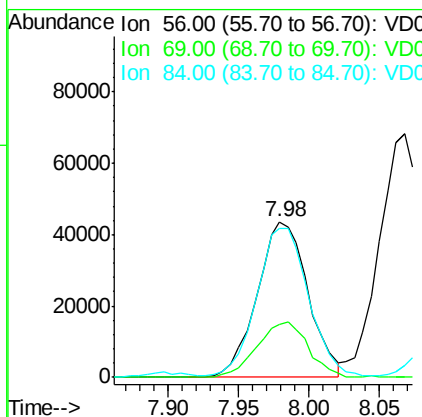
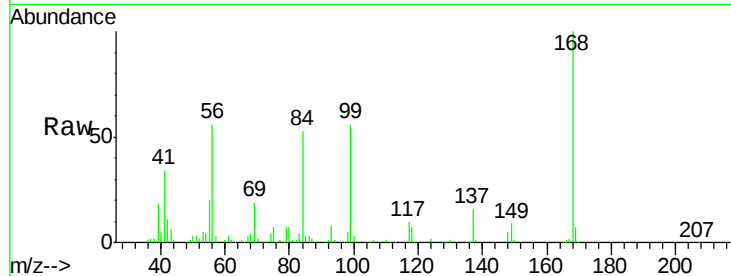
#31
Cyclohexane
Concen: 38.502 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	28.8	43.2
84	93.8	73.0	109.6

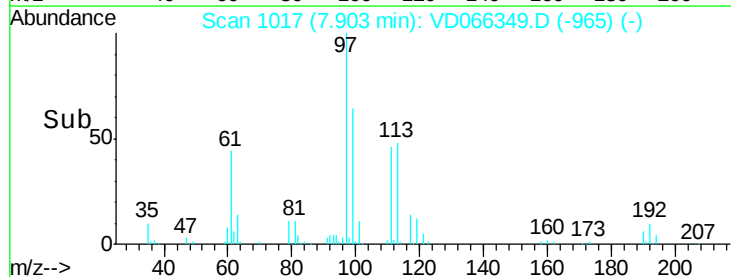
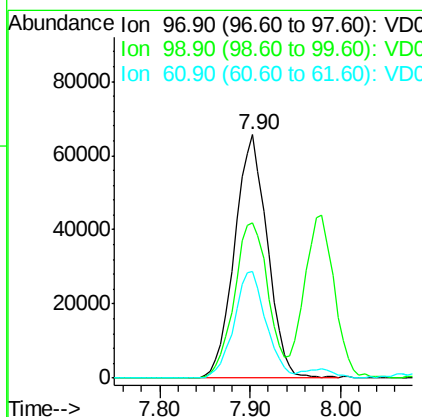
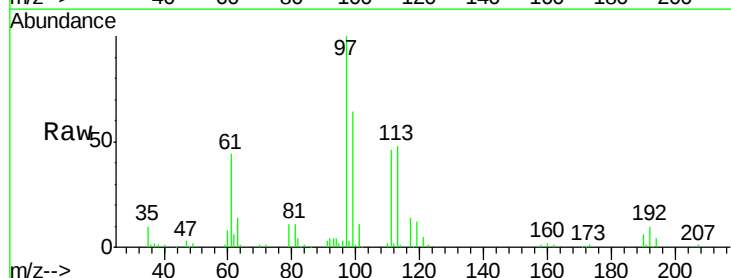
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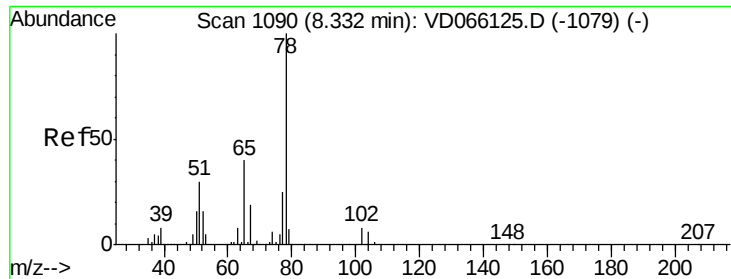
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#32
1,1,1-Trichloroethane
Concen: 56.125 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.1	76.7
61	43.0	32.7	49.1





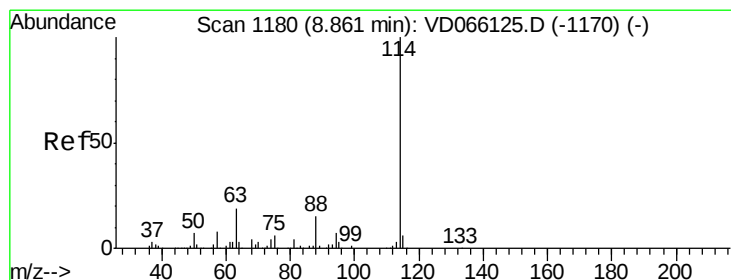
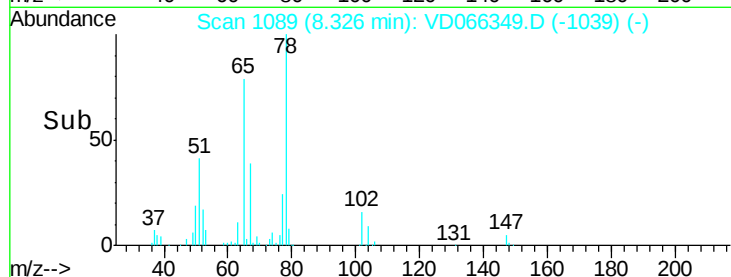
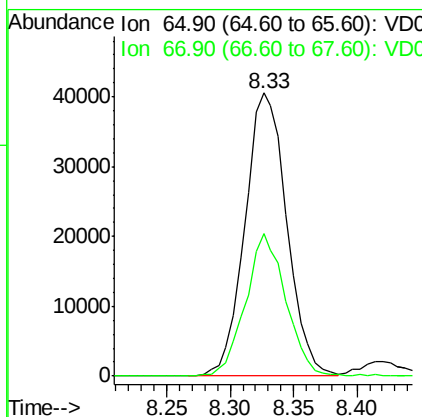
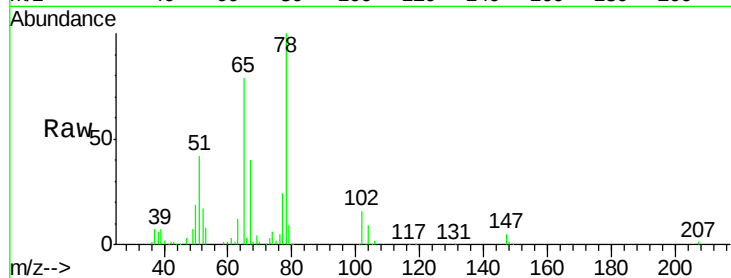
#33
 1,2-Dichloroethane-d4
 Concen: 57.263 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	48.5	0.0	104.6	

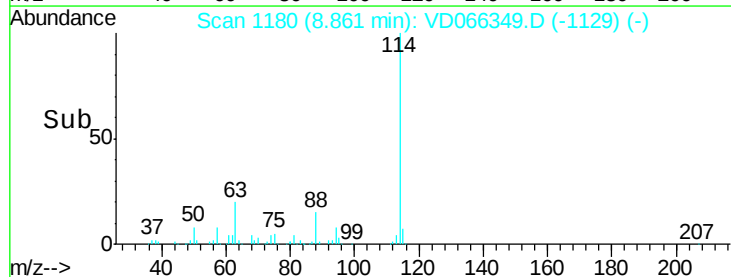
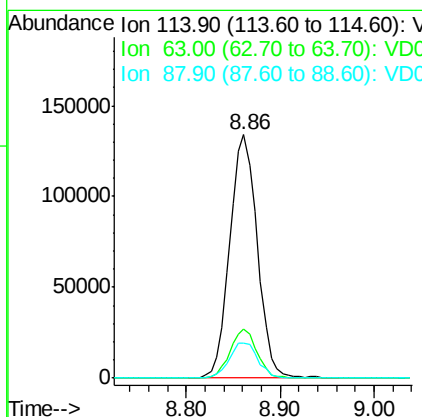
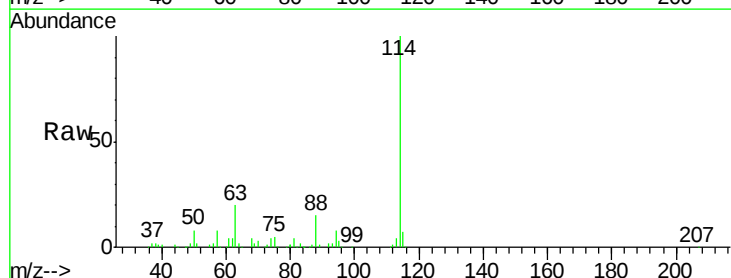
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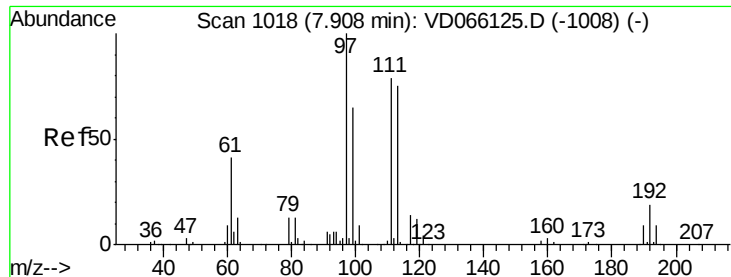
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.9	0.0	38.6	
88	14.5	0.0	30.0	





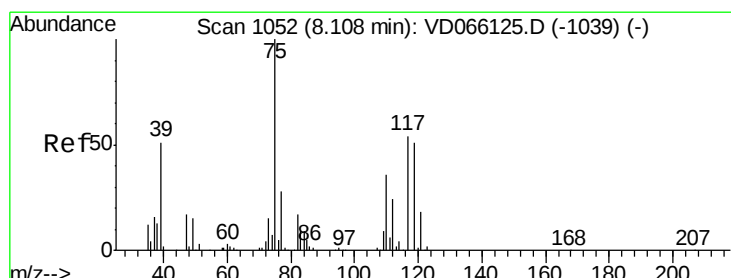
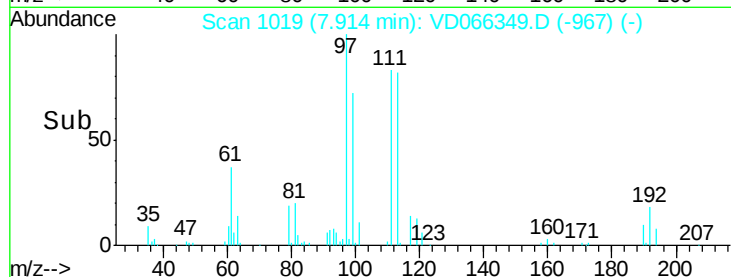
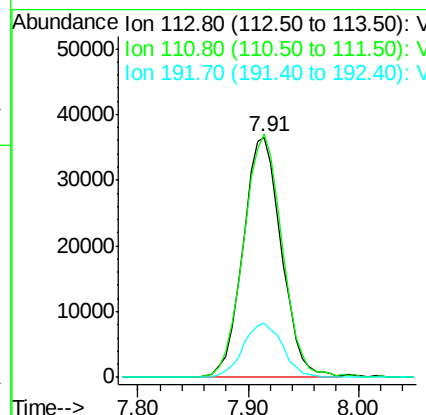
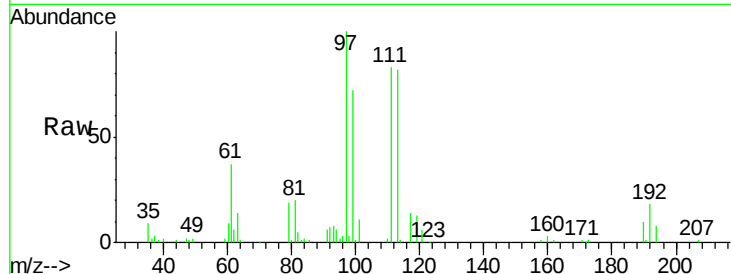
#35
 Dibromofluoromethane
 Concen: 51.565 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	89237		
111	102.4	80.7	121.1	
192	23.2	18.4	27.6	

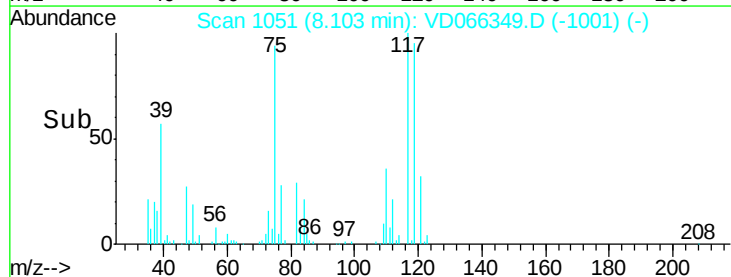
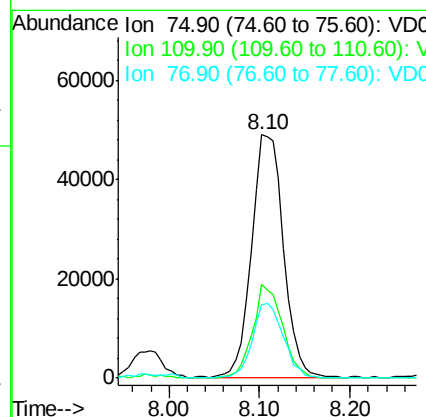
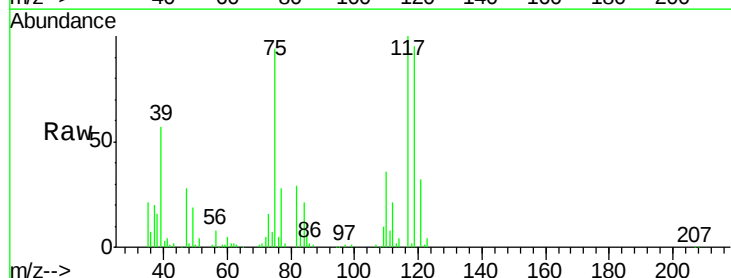
Manual Integrations
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#36
 1,1-Dichloropropene
 Concen: 46.861 ug/l
 RT: 8.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	120296		
110	35.8	18.8	56.3	
77	29.7	24.2	36.2	





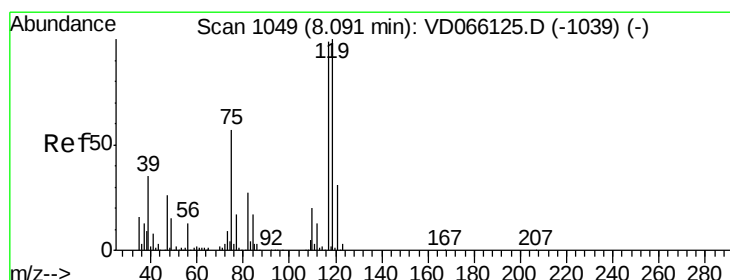
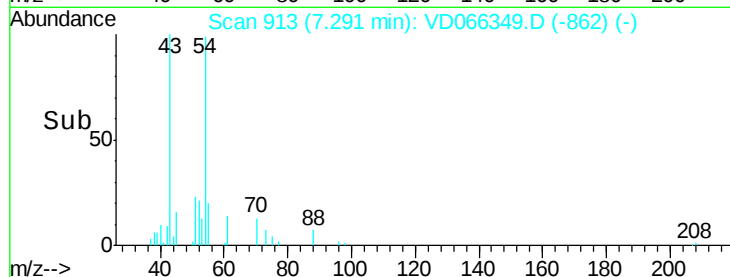
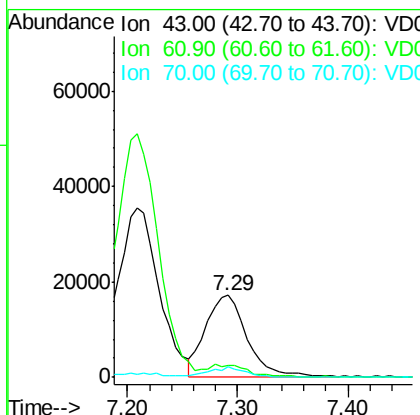
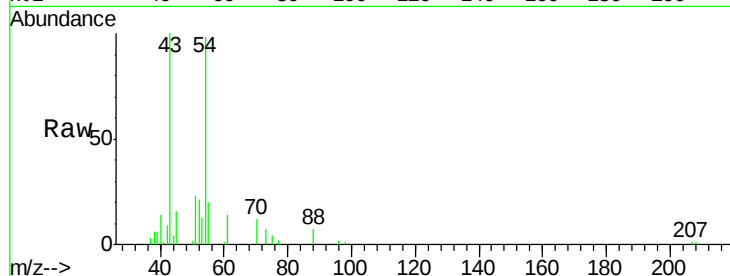
#37
Ethyl Acetate
Concen: 43.441 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	12.0	18.0
70	11.0	9.7	14.5

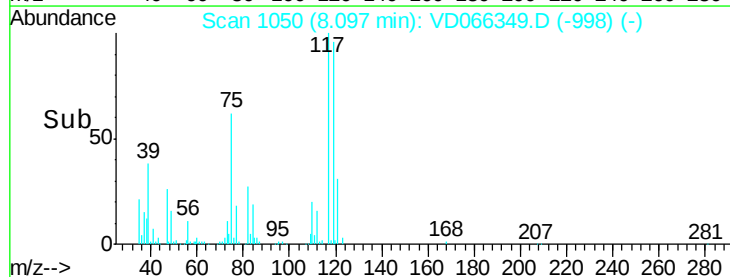
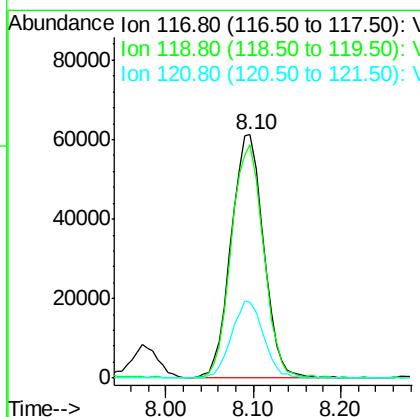
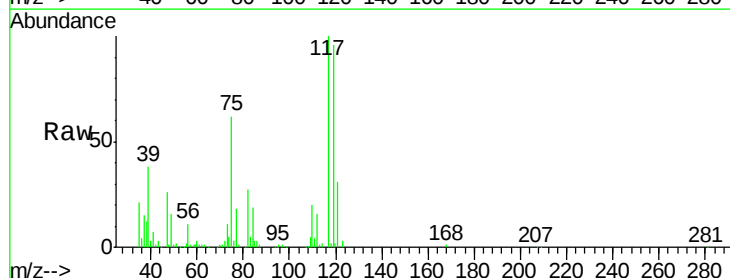
Manual Integrations
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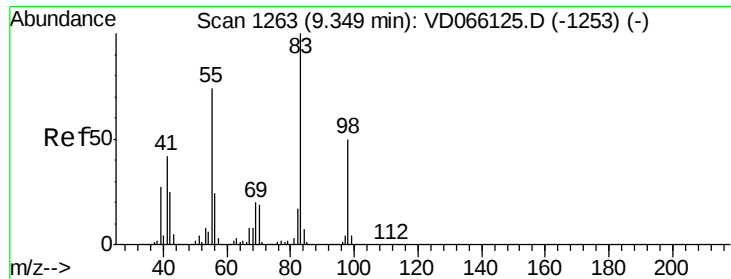
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#38
Carbon Tetrachloride
Concen: 54.020 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	81.0	121.4
121	31.1	24.8	37.2





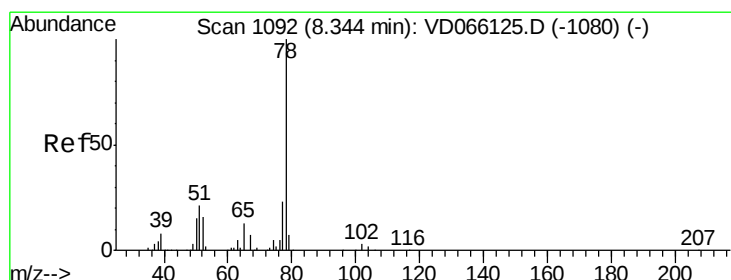
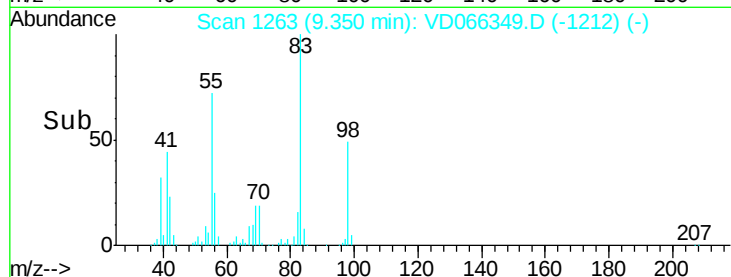
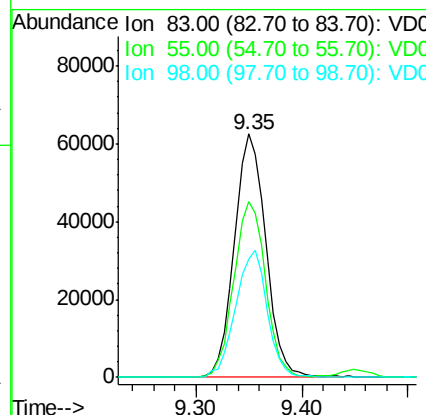
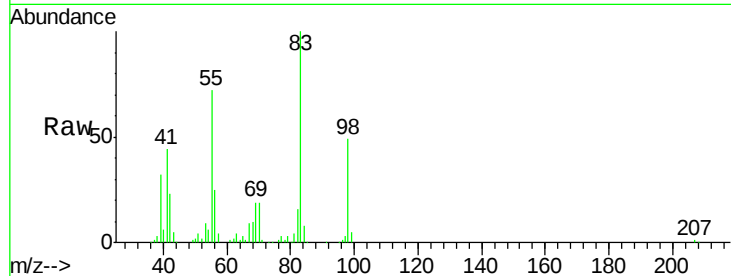
#39
Methvlcvclohexane
Concen: 41.570 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	128999		
55	72.4		59.2	88.8
98	48.7		39.8	59.6

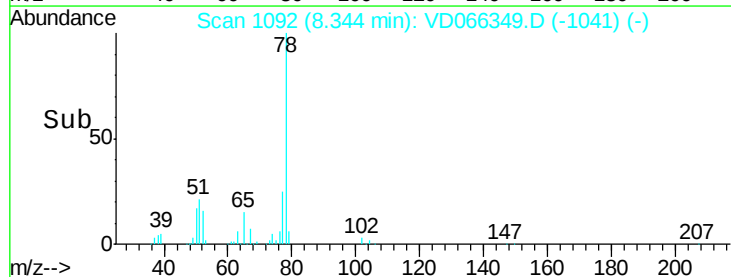
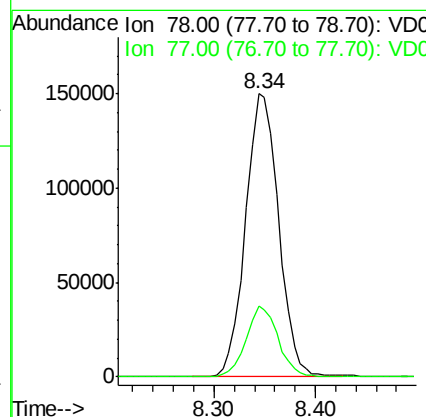
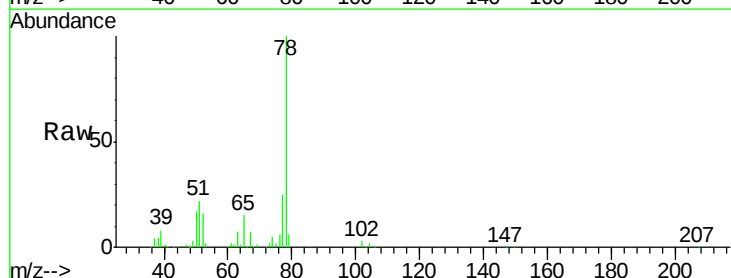
Manual Integrations
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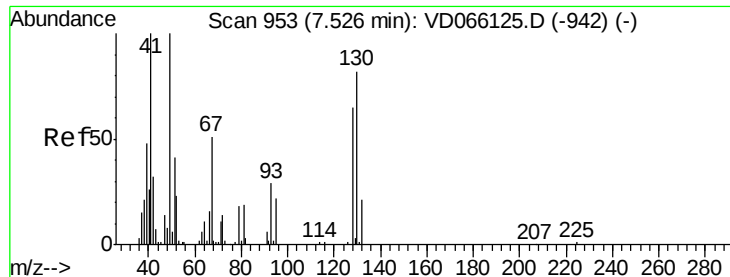
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#40
Benzene
Concen: 47.785 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	340290		
77	25.0		18.6	27.8





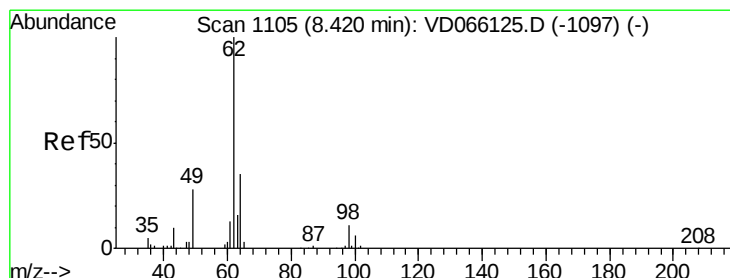
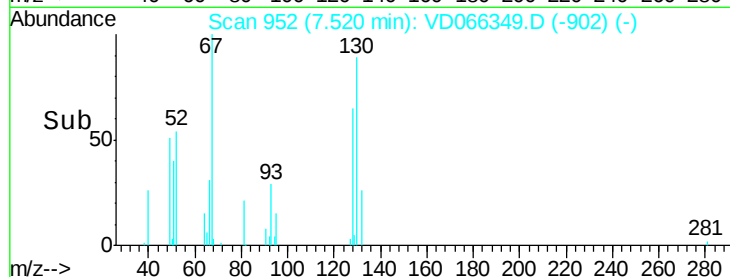
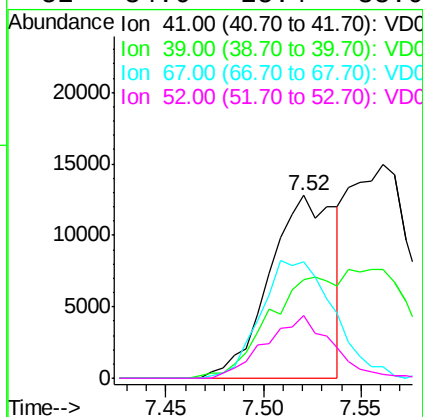
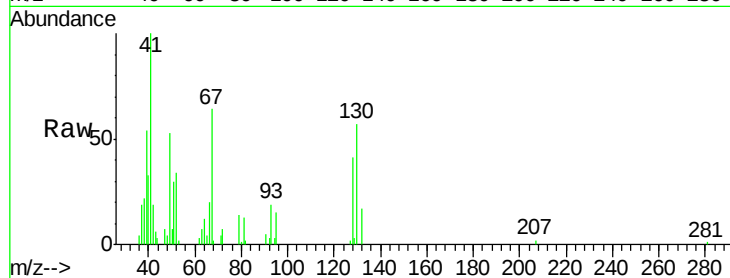
#41
Methacrylonitrile
Concen: 50.631 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	30279
Ion	Ratio	Lower	Upper
41	100		
39	57.7	47.5	71.3
67	71.2	59.1	88.7
52	34.6	25.4	38.0

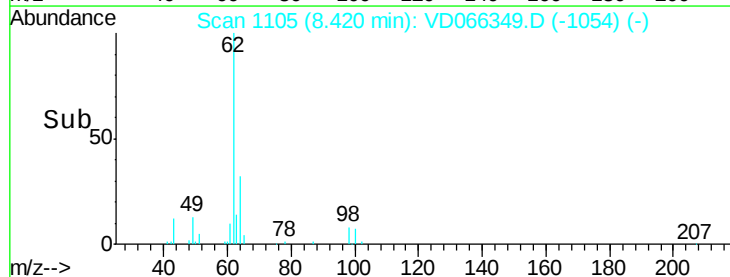
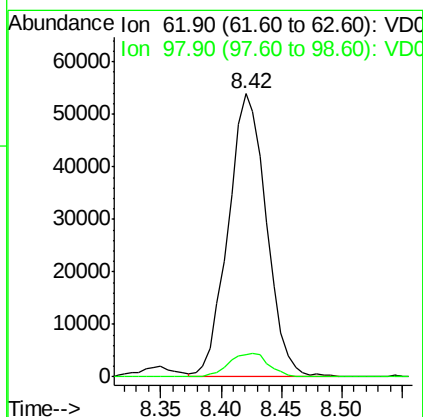
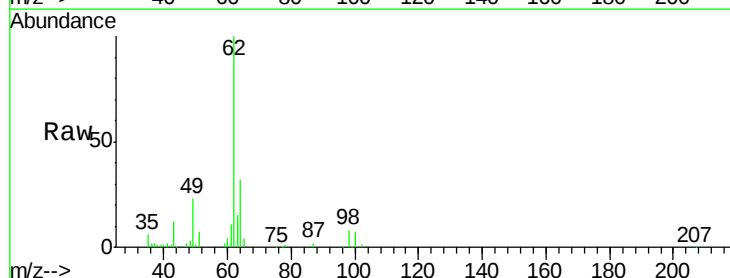
Manual Integrations
APPROVED

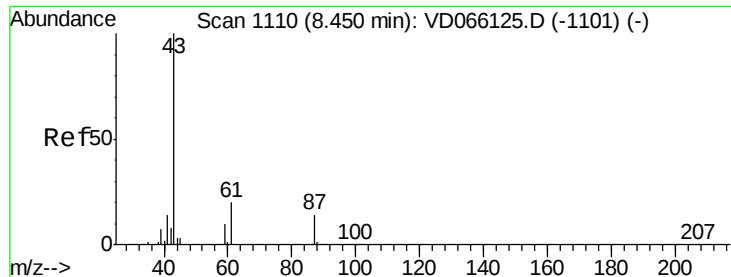
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#42
1,2-Dichloroethane
Concen: 56.803 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	62	Resp	118835
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	20.4





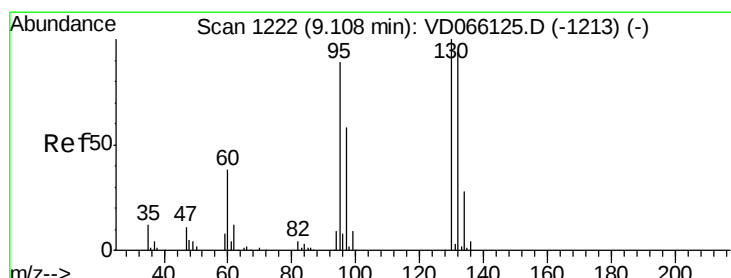
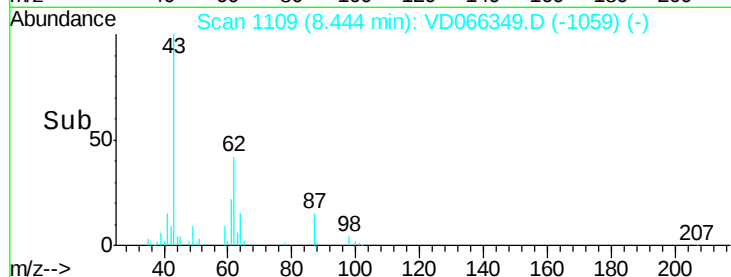
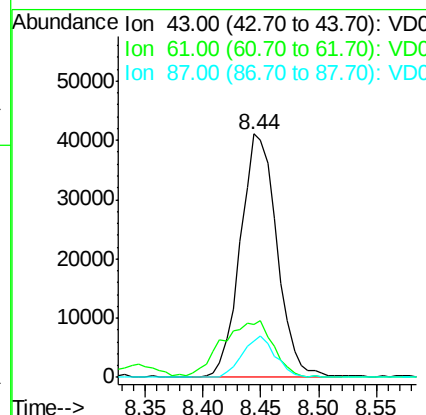
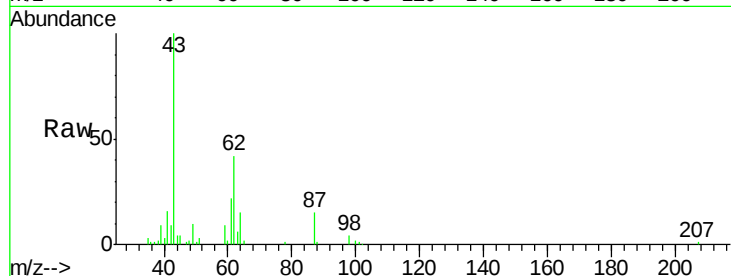
#43
Isopropyl Acetate
Concen: 45.194 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	90570
Ion Ratio	100	Lower	Upper
43	100		
61	32.5	25.5	38.3
87	15.2	11.2	16.8

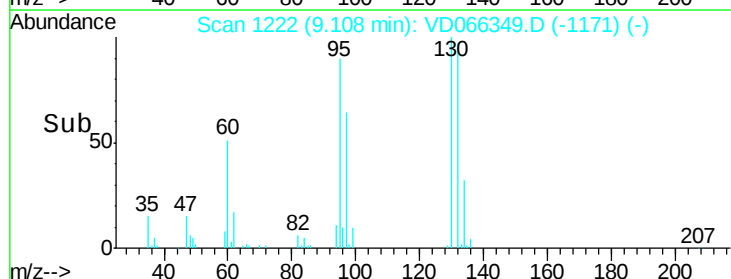
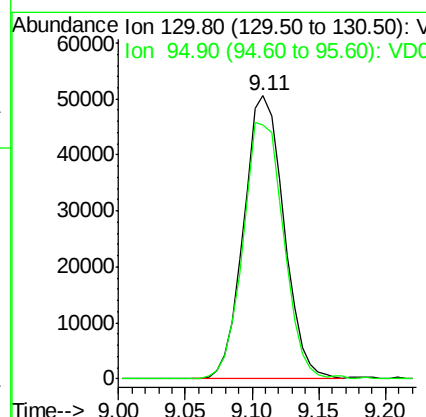
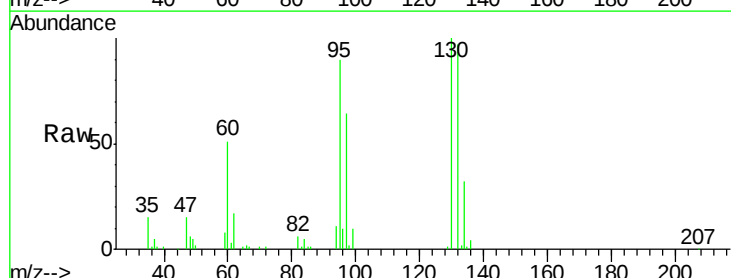
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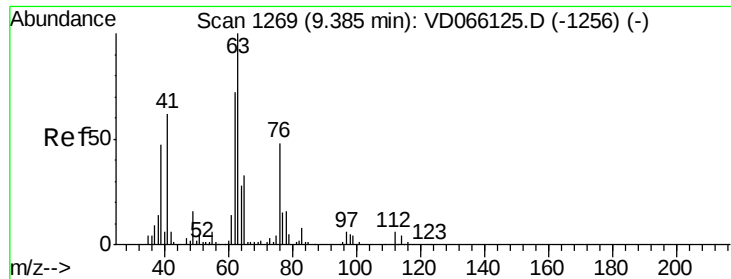
MMDadoda
8/20/2020 3:37:08 PM



#44
Trichloroethene
Concen: 49.031 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	130	Resp	105216
Ion Ratio	100	Lower	Upper
130	100		
95	89.8	0.0	178.4





#45

1,2-Dichloropropane

Concen: 45.221 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 78761

Ion Ratio Lower Upper

63 100

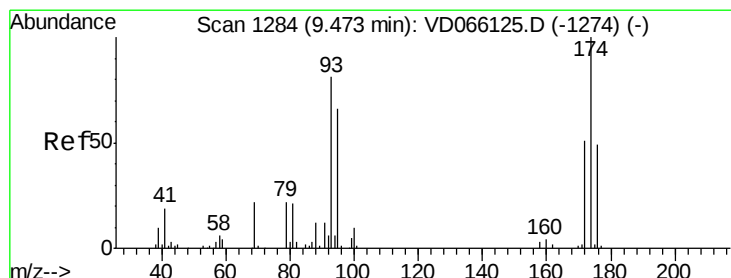
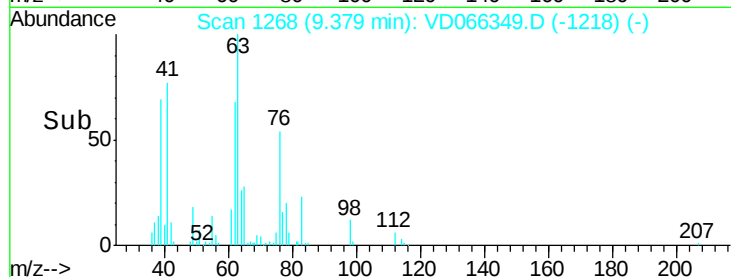
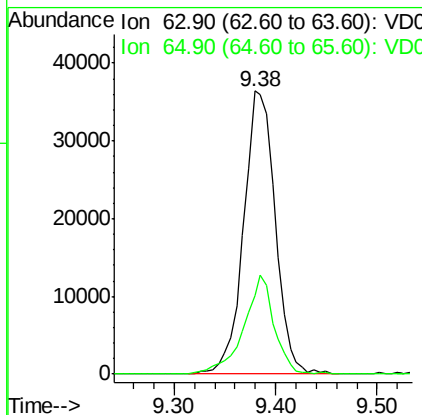
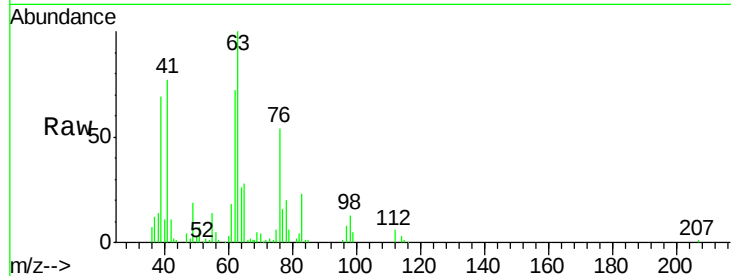
65 27.9 26.5 39.7

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#46

Dibromomethane

Concen: 49.772 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

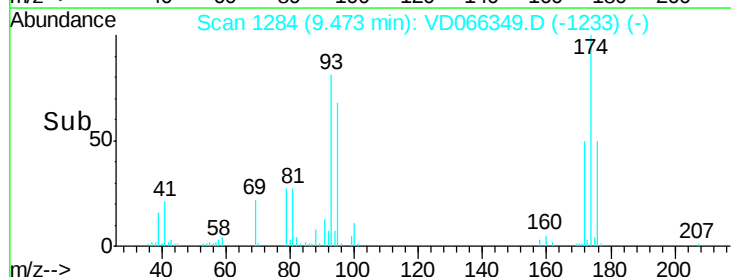
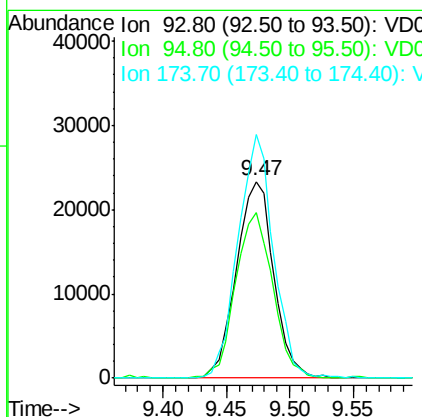
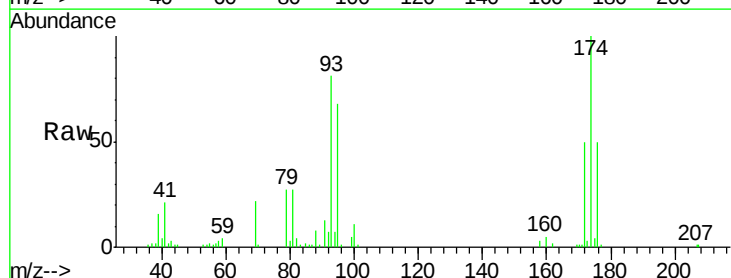
Tgt Ion: 93 Resp: 47749

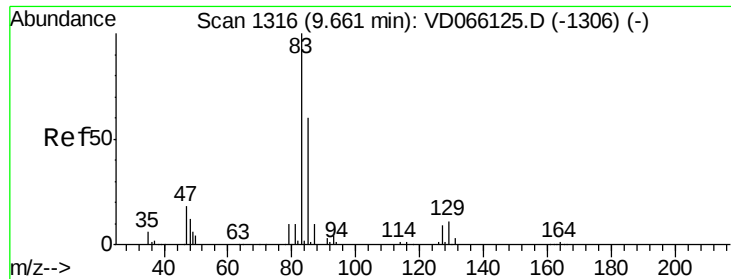
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.6

174 117.8 92.8 139.2





#47

Bromodichloromethane

Concen: 54.364 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

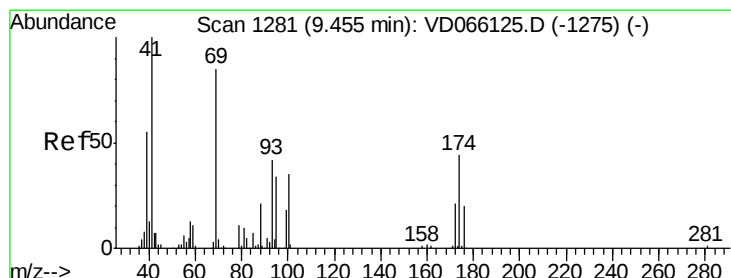
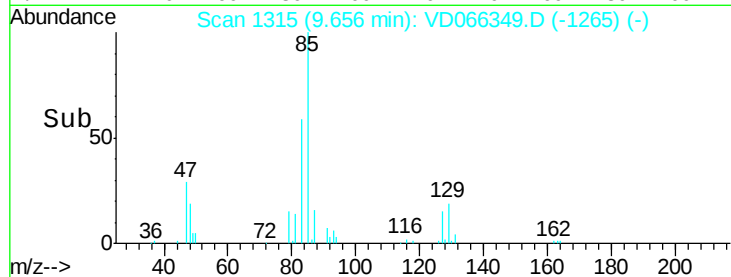
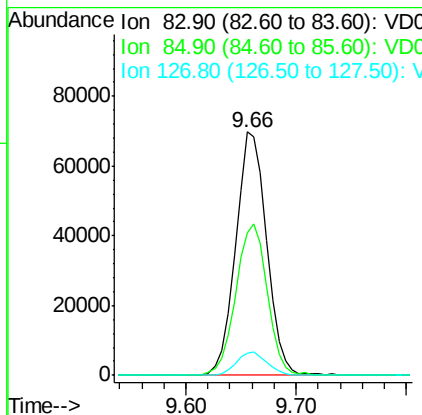
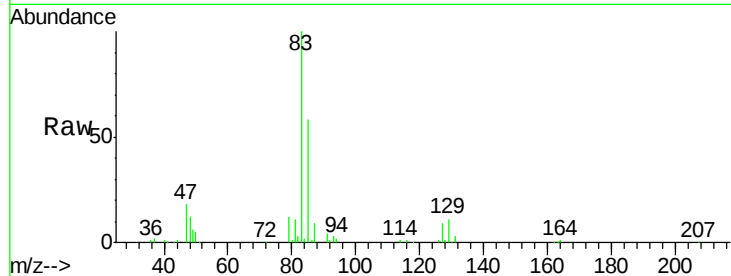
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	137845
Ion	Ratio	Lower	Upper
83	100		
85	58.5	48.2	72.4
127	9.0	7.3	10.9

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#48

Methyl methacrylate

Concen: 42.068 ug/l

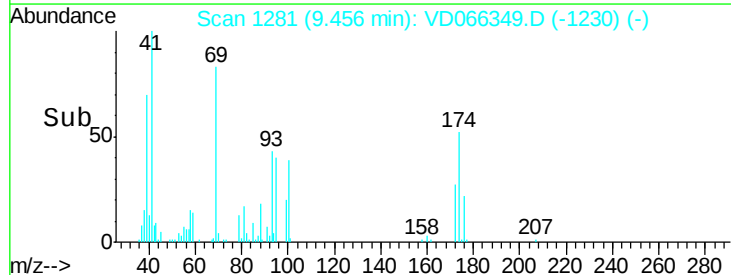
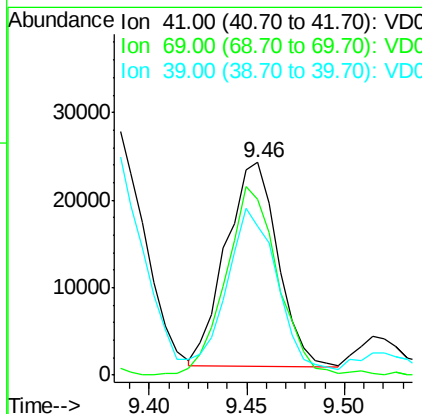
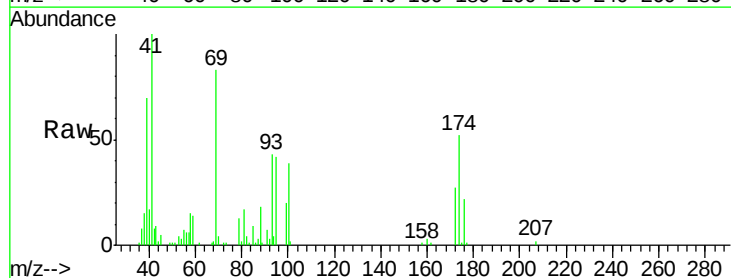
RT: 9.46 min Scan# 1281

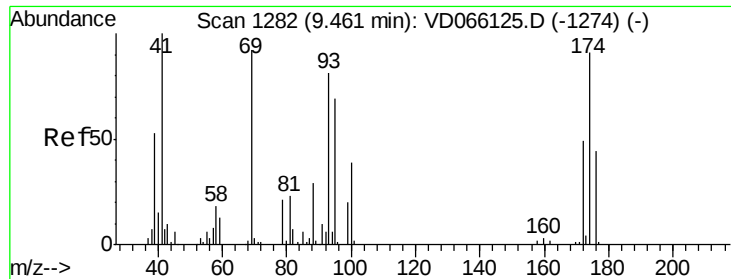
Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Tgt Ion:	41	Resp:	43048
Ion	Ratio	Lower	Upper
41	100		
69	92.8	63.9	95.9
39	81.1	42.6	64.0#





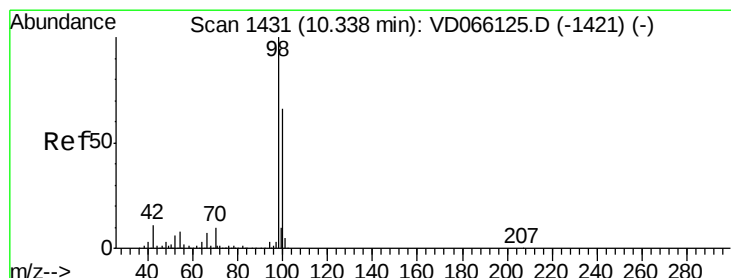
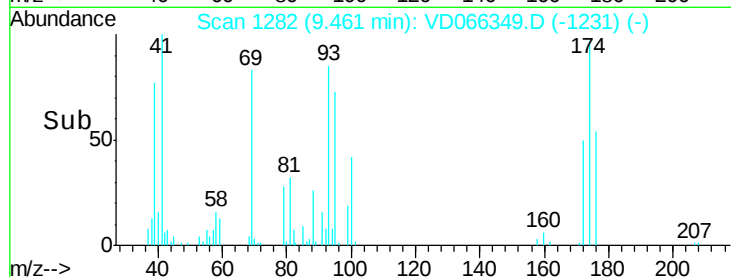
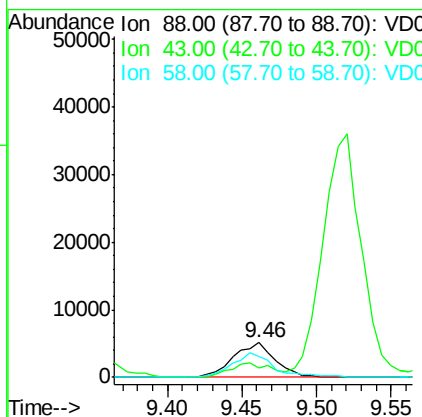
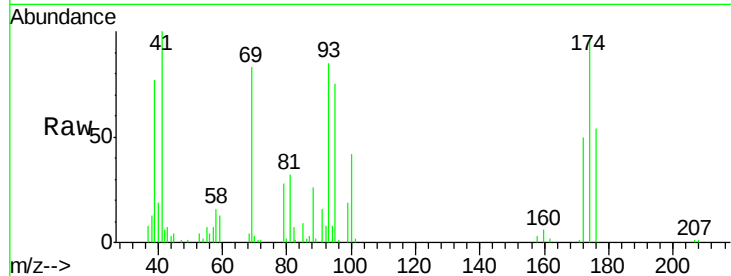
#49
1,4-Dioxane
Concen: 812.551 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.1	27.5	41.3#
58	69.2	50.2	75.4

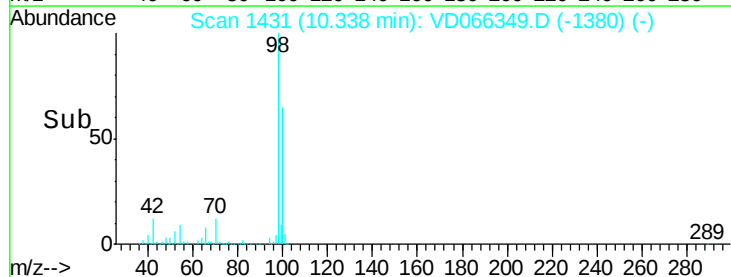
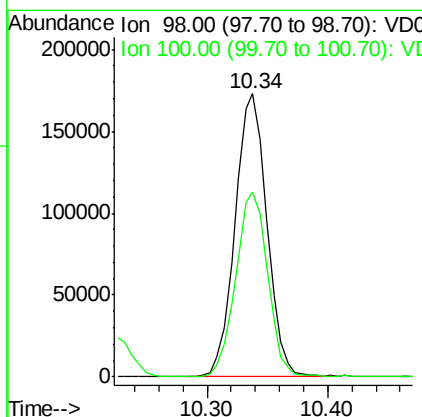
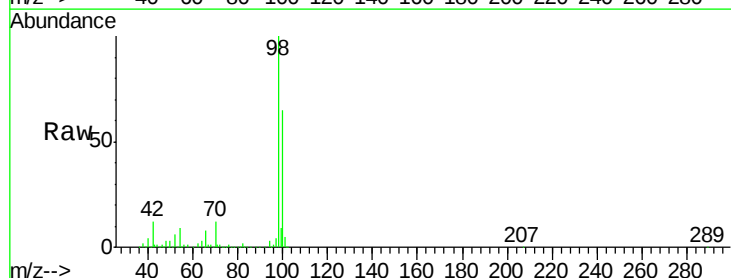
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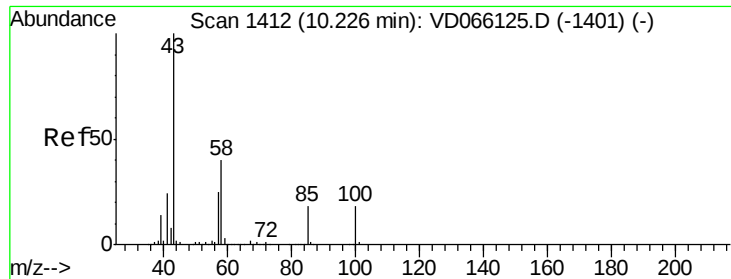
MMDadoda
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#50
Toluene-d8
Concen: 49.891 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 220.483 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 226960

Ion Ratio Lower Upper

43 100

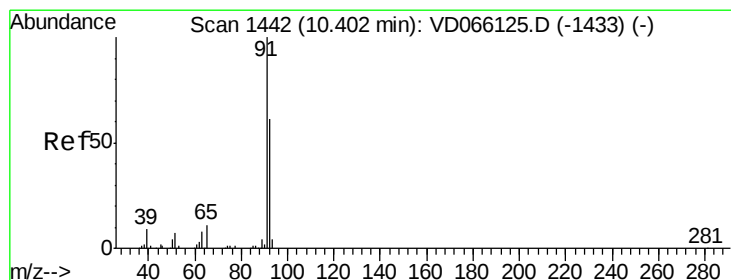
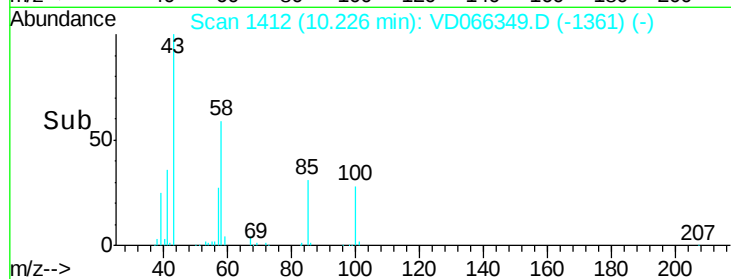
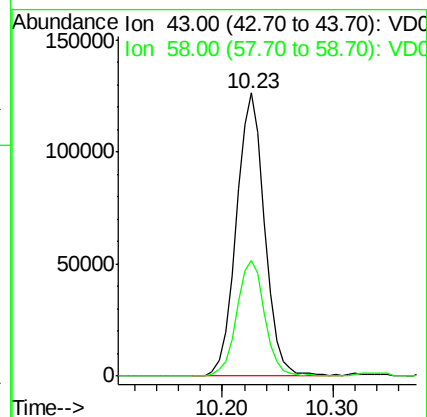
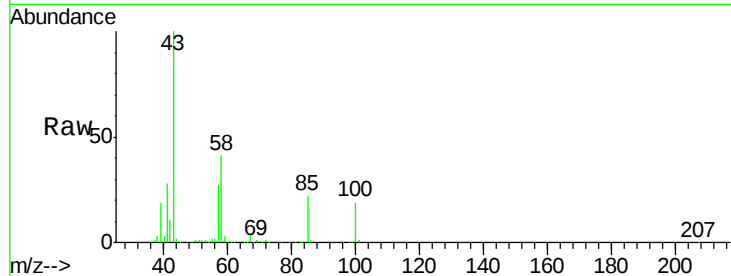
58 40.2 31.1 46.7

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#52

Toluene

Concen: 48.819 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066349.D

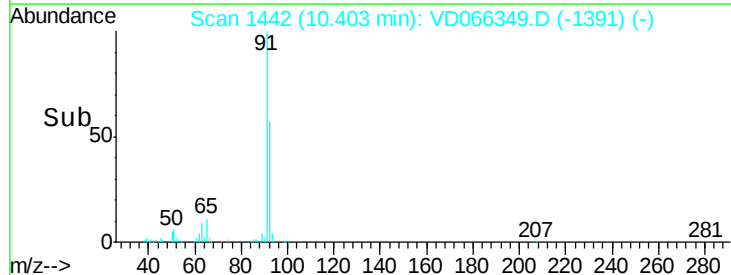
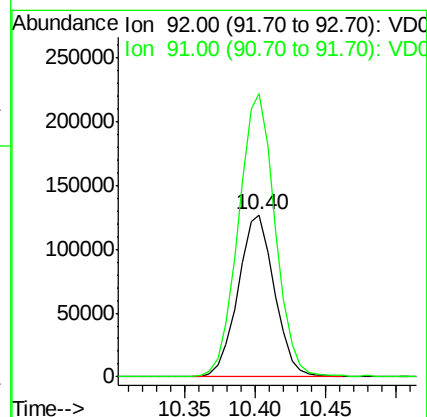
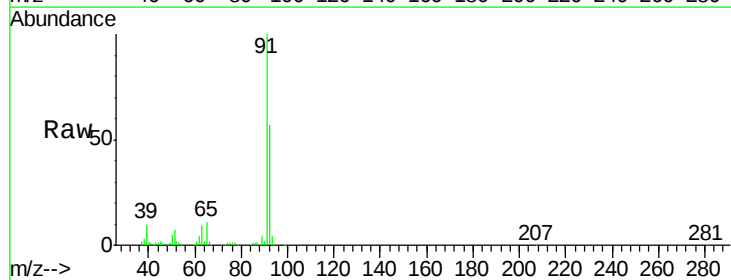
Acq: 20 Aug 2020 07:15

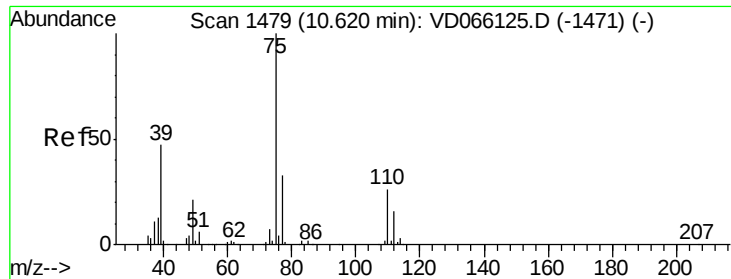
Tgt Ion: 92 Resp: 228762

Ion Ratio Lower Upper

92 100

91 176.3 135.2 202.8





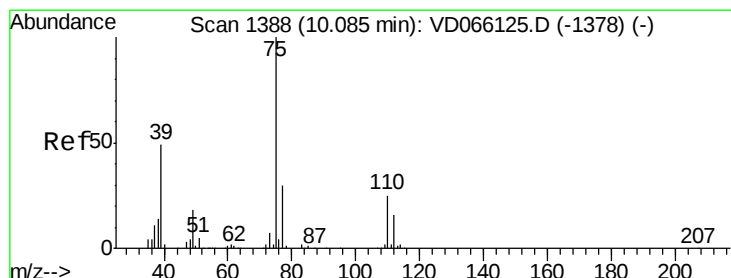
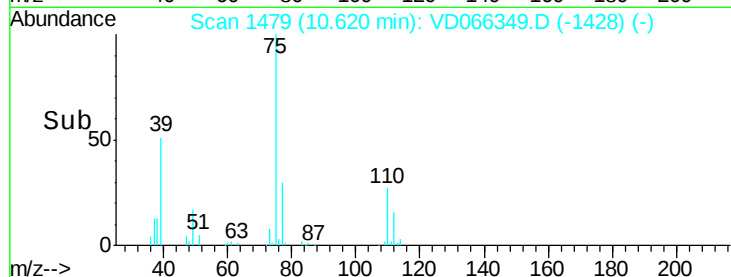
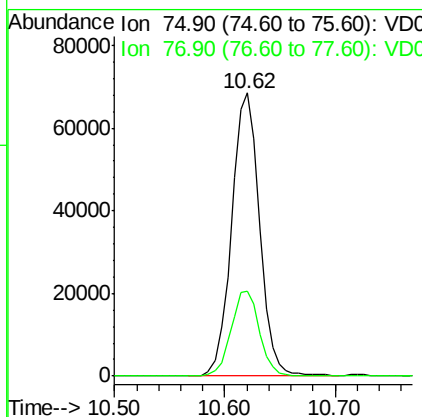
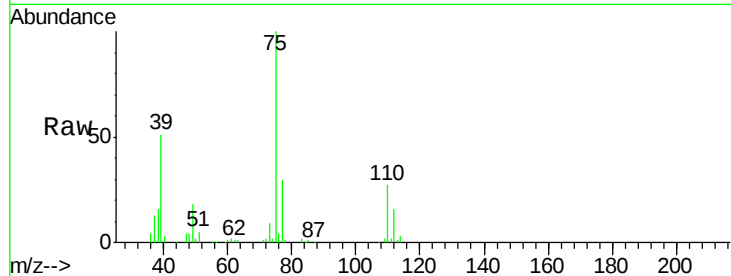
#53
 t-1,3-Dichloropropene
 Concen: 50.645 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 121867
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.2 39.2

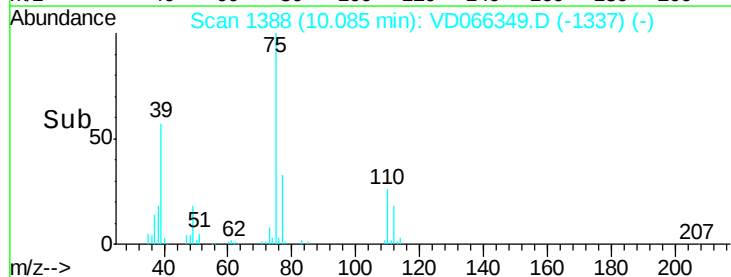
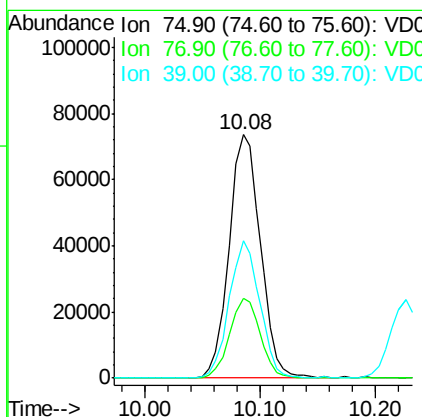
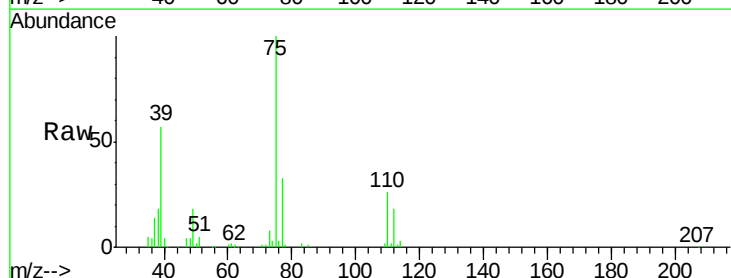
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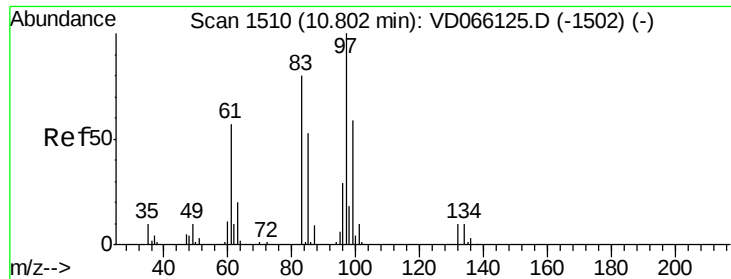
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#54
 cis-1,3-Dichloropropene
 Concen: 49.181 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion: 75 Resp: 138654
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.3 36.5
 39 56.5 39.3 58.9





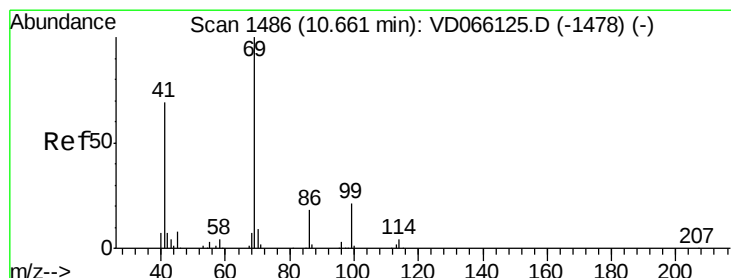
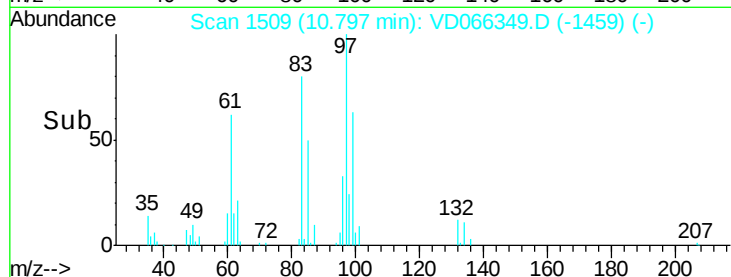
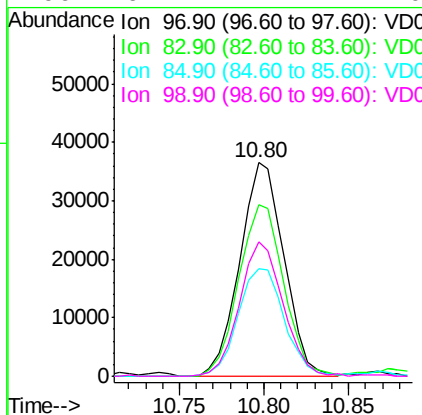
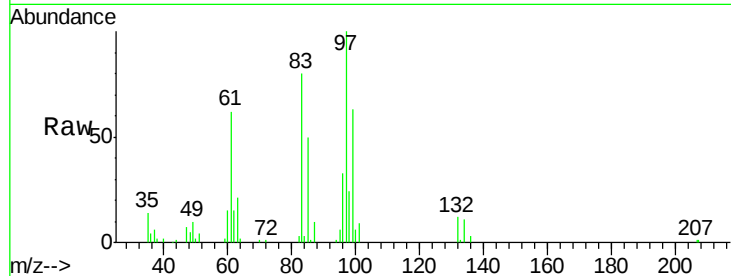
#55
 1,1,2-Trichloroethane
 Concen: 48.033 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	66354
Ion	Ratio	Lower	Upper
97	100		
83	80.0	63.9	95.9
85	50.1	42.5	63.7
99	62.7	47.4	71.0

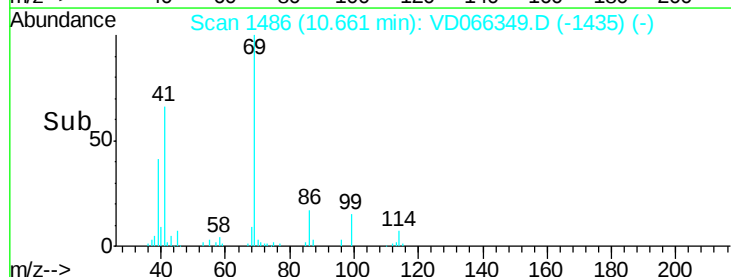
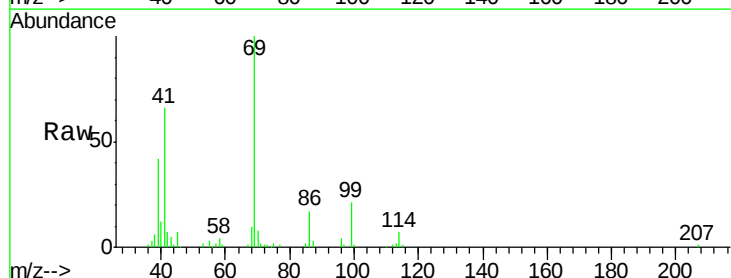
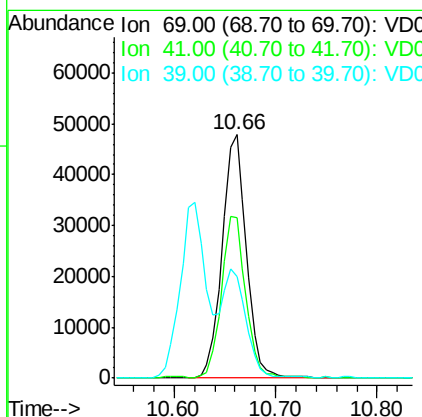
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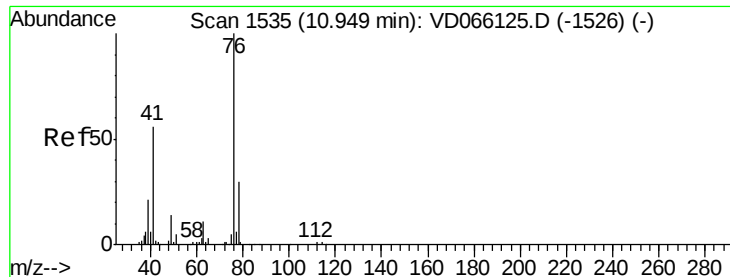
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#56
 Ethyl methacrylate
 Concen: 47.834 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion:	69	Resp:	79380
Ion	Ratio	Lower	Upper
69	100		
41	67.0	54.1	81.1
39	39.3	28.6	43.0





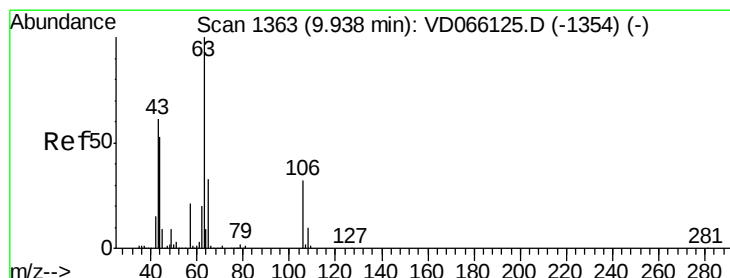
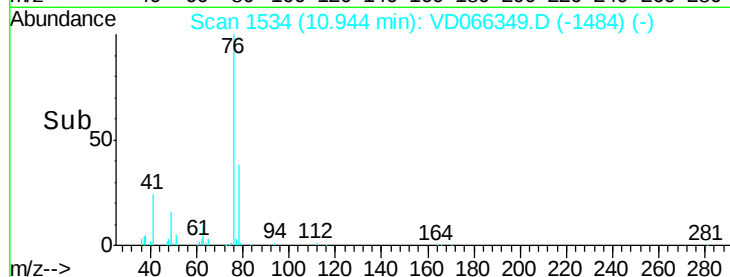
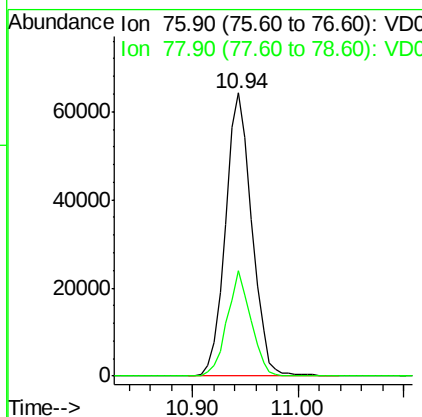
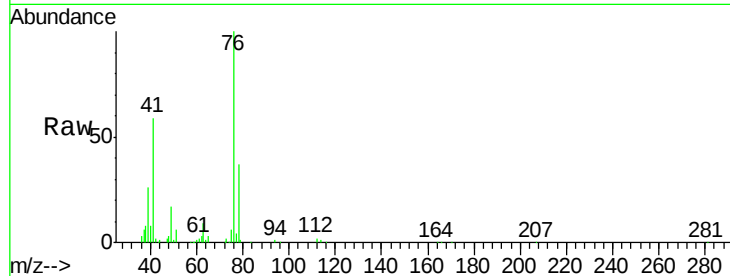
#57
 1,3-Dichloropropane
 Concen: 48.034 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 110160
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.5 38.3

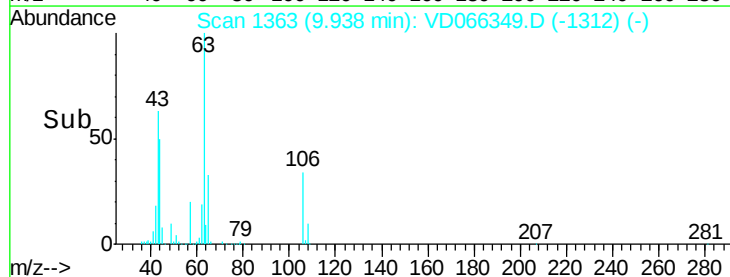
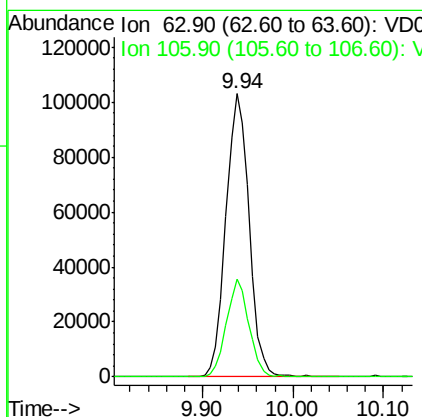
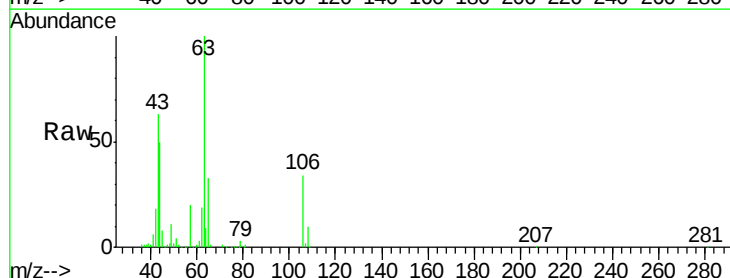
Manual Integrations
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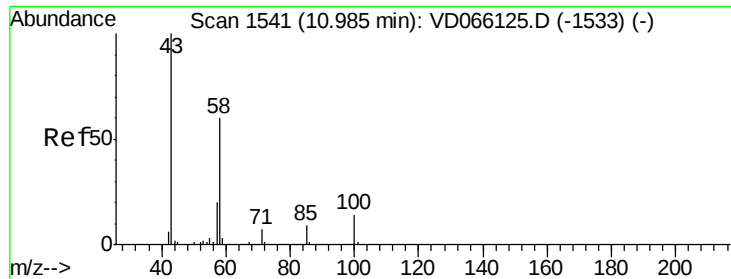
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#58
 2-Chloroethyl Vinyl ether
 Concen: 246.513 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion: 63 Resp: 184014
 Ion Ratio Lower Upper
 63 100
 106 33.1 25.3 37.9





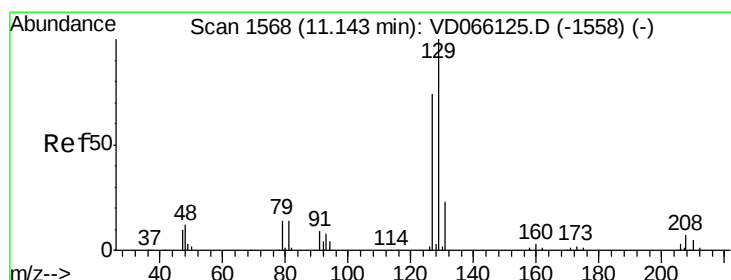
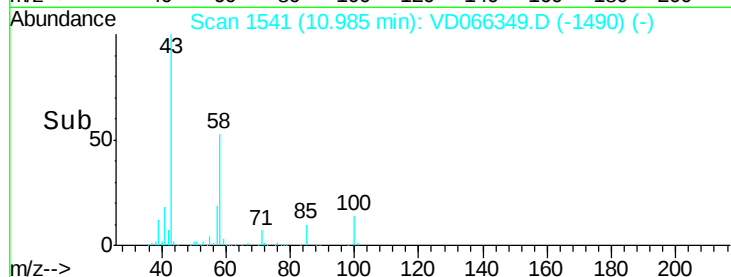
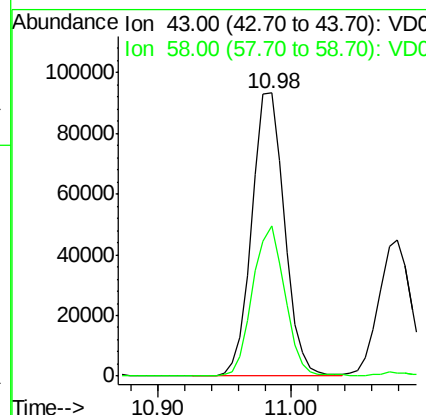
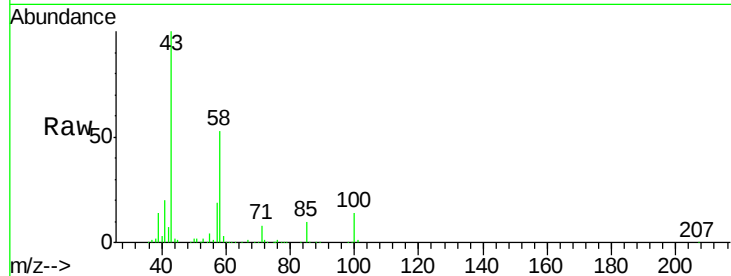
#59
2-Hexanone
Concen: 218.306 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 157712
Ion Ratio Lower Upper
43 100
58 52.5 27.8 83.4

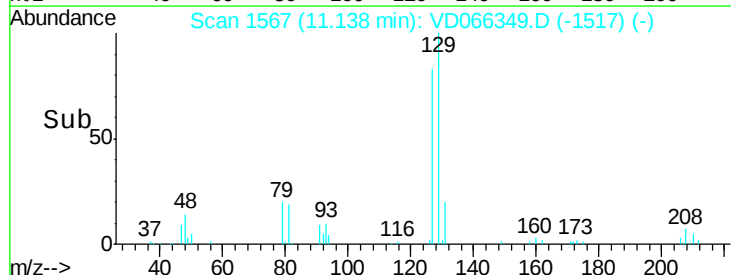
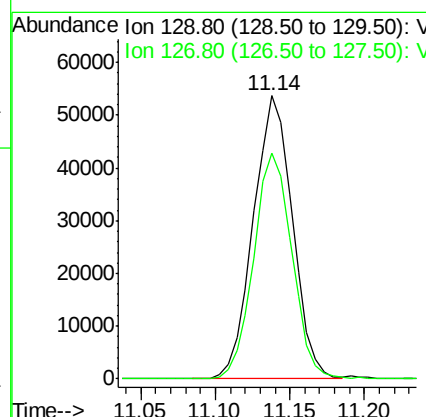
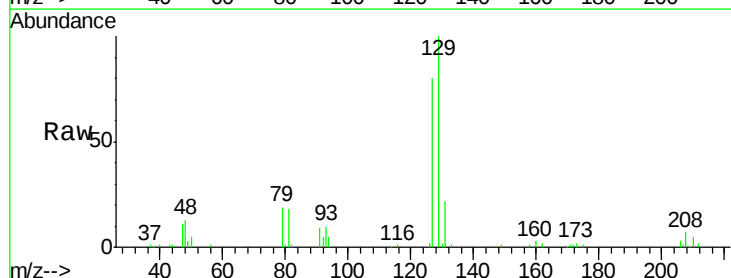
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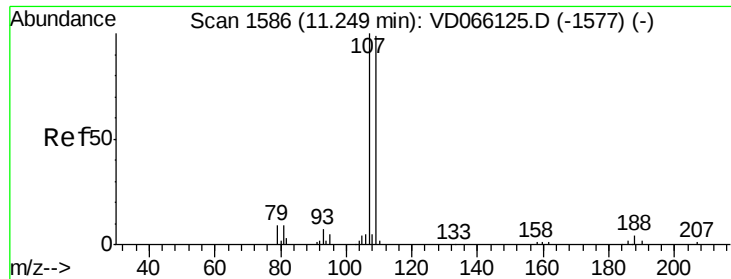
MMDadoda
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#60
Dibromochloromethane
Concen: 51.073 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion: 129 Resp: 97406
Ion Ratio Lower Upper
129 100
127 77.9 38.0 114.1





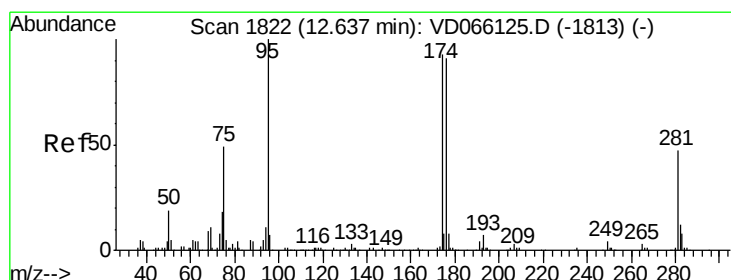
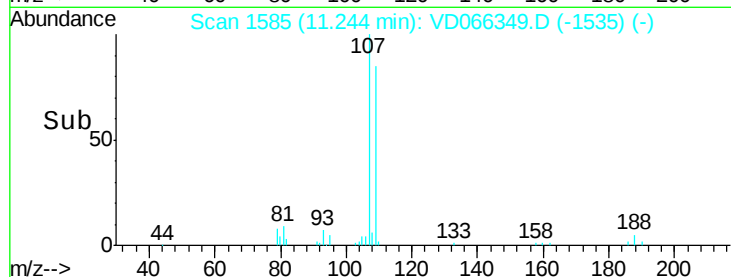
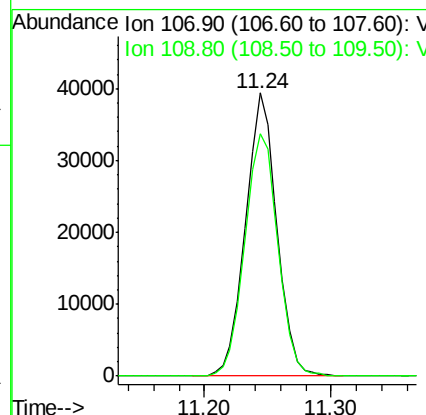
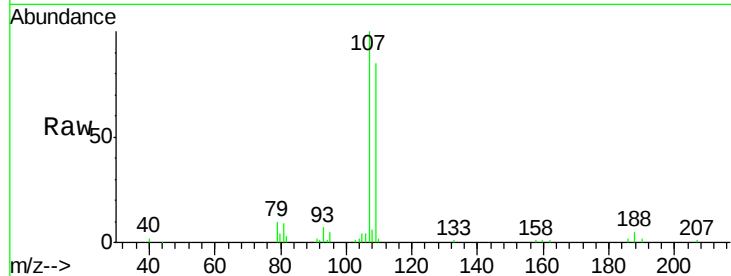
#61
 1,2-Dibromoethane
 Concen: 50.596 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 67218
 Ion Ratio Lower Upper
 107 100
 109 91.0 76.5 114.7

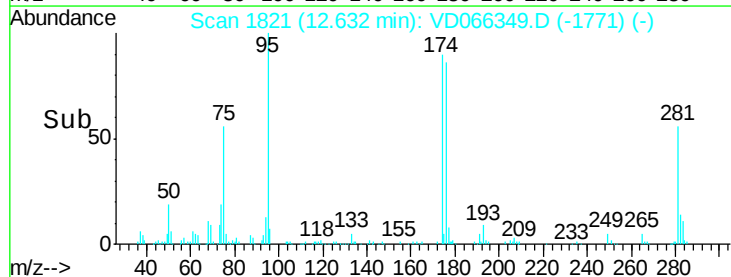
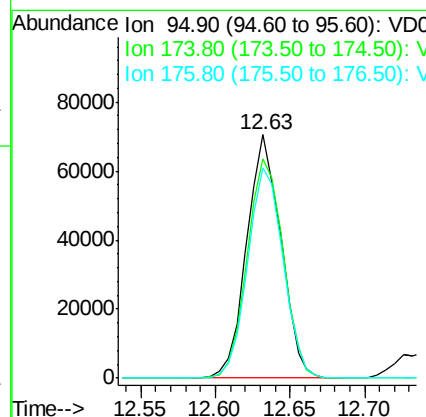
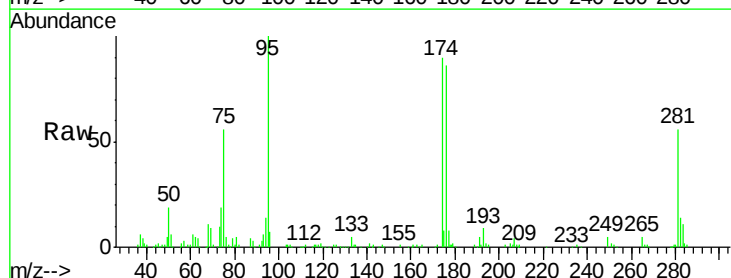
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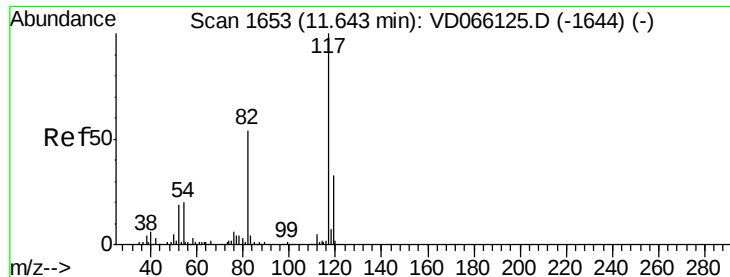
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#62
 4-Bromofluorobenzene
 Concen: 48.573 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion: 95 Resp: 111815
 Ion Ratio Lower Upper
 95 100
 174 94.5 0.0 180.8
 176 89.5 0.0 181.2





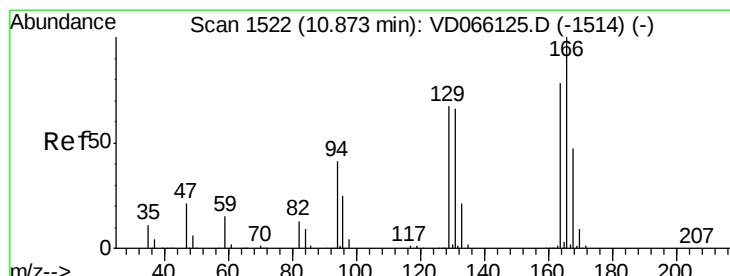
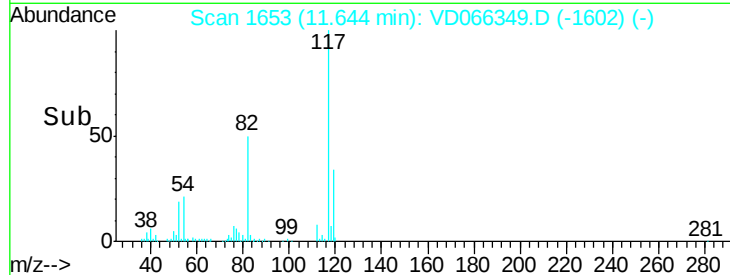
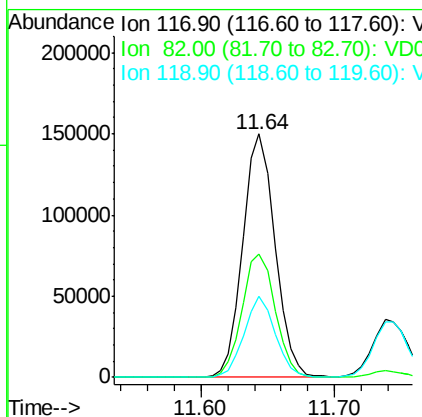
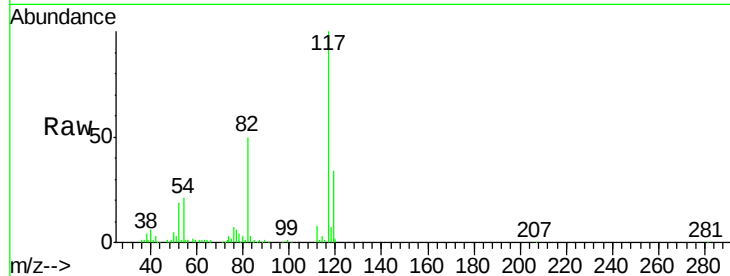
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	250289		
82	50.4	43.0	64.4	
119	33.5	26.1	39.1	

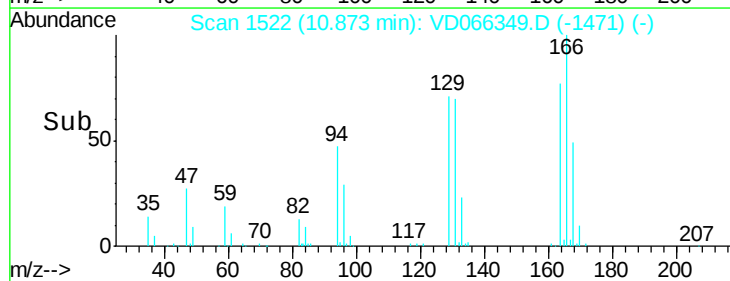
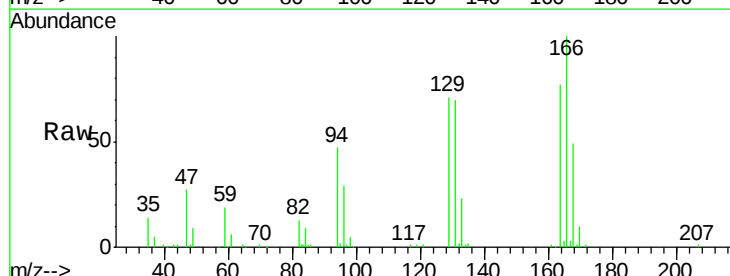
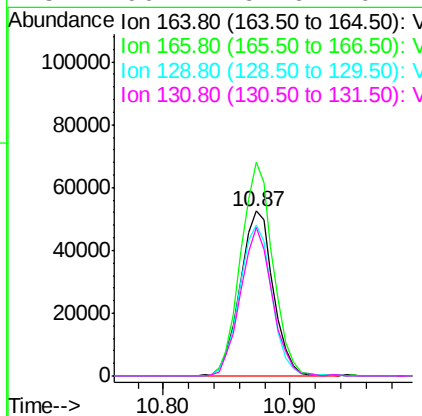
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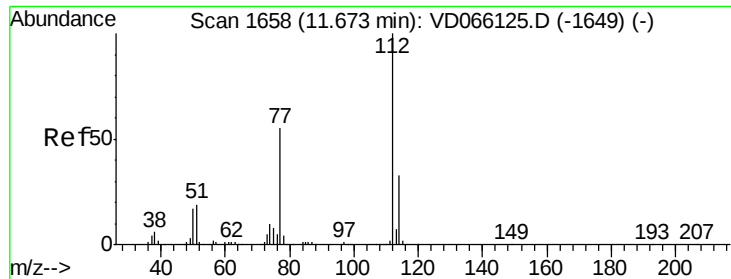
MMDadoda
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#64
Tetrachloroethene
Concen: 49.574 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	95279		
166	129.4	101.9	152.9	
129	91.5	68.1	102.1	
131	90.1	67.6	101.4	





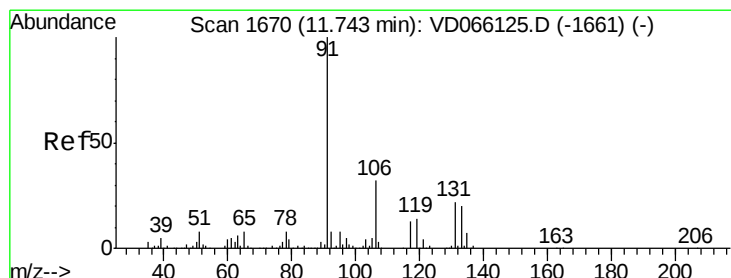
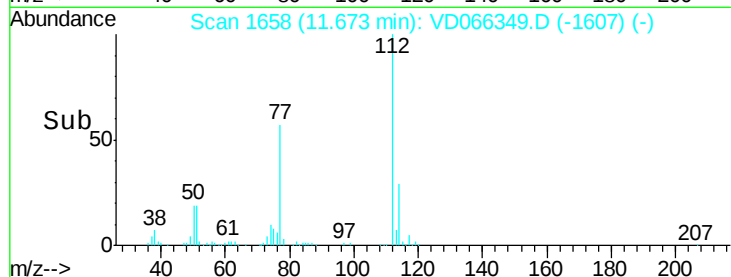
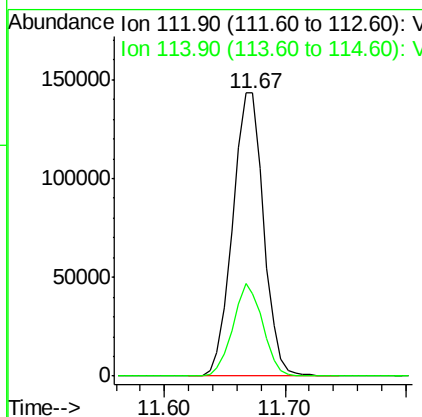
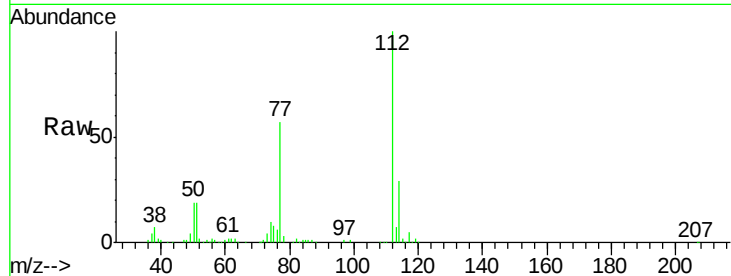
#65
Chlorobenzene
Concen: 50.404 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	28.9	26.1	39.1

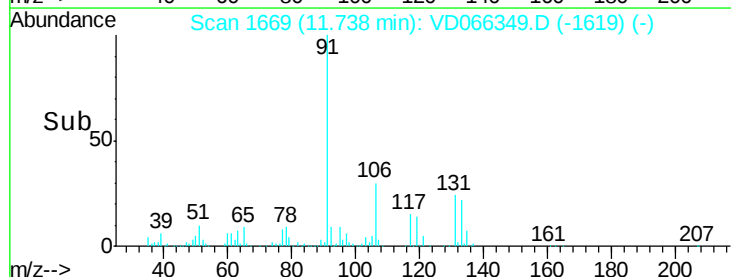
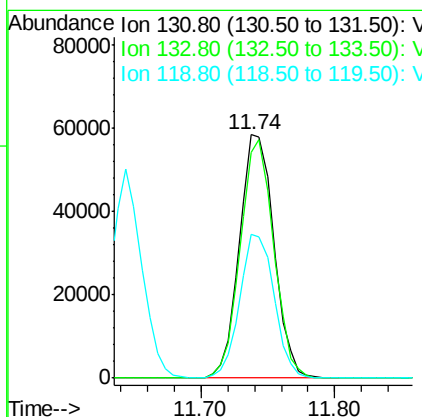
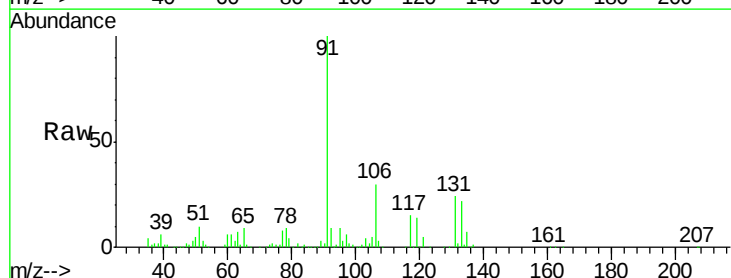
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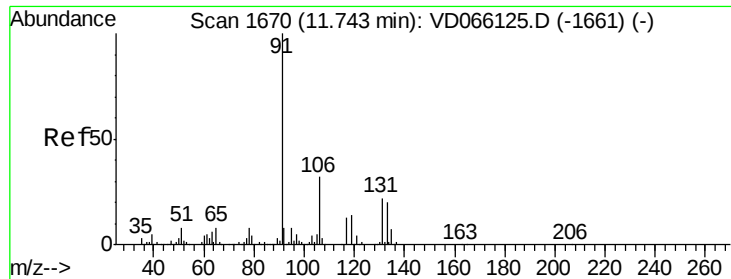
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.606 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.1	141.4
119	59.0	31.6	94.7





#67

Ethyl Benzene

Concen: 51.555 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 453935

Ion Ratio Lower Upper

91 100

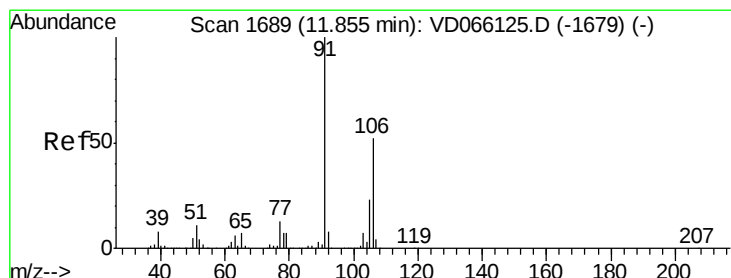
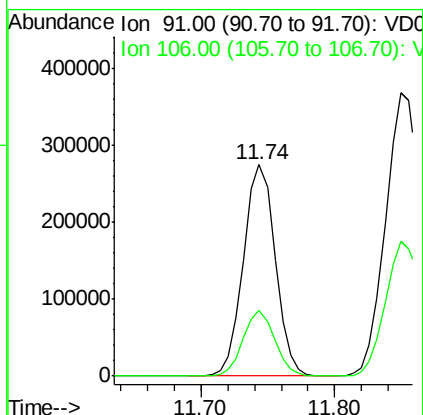
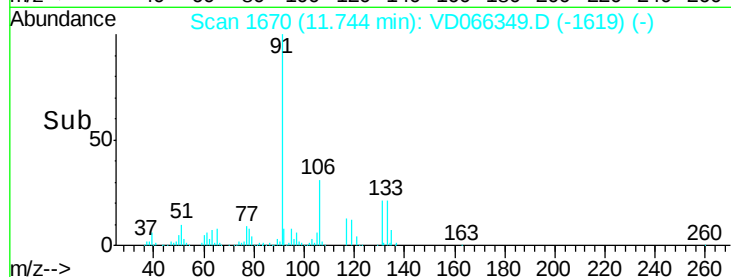
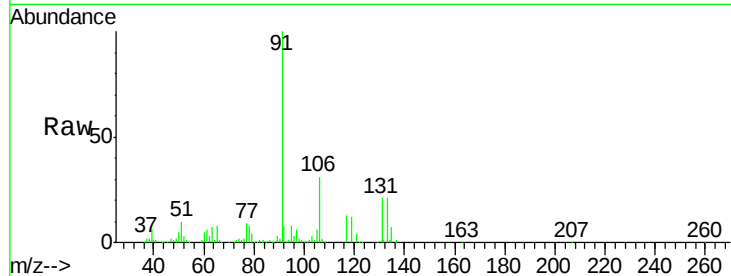
106 31.1 25.7 38.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 99.146 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066349.D

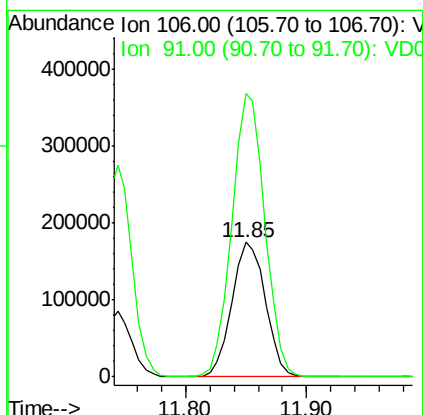
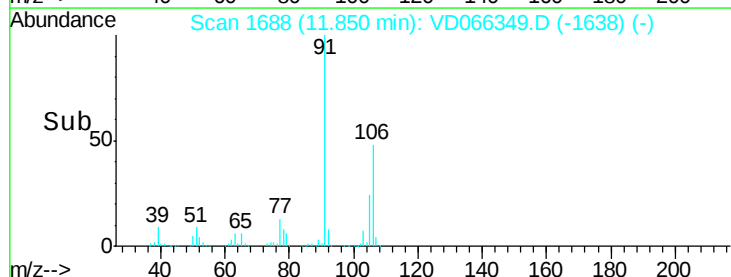
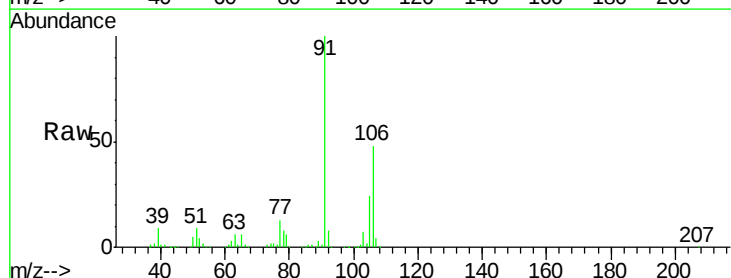
Acq: 20 Aug 2020 07:15

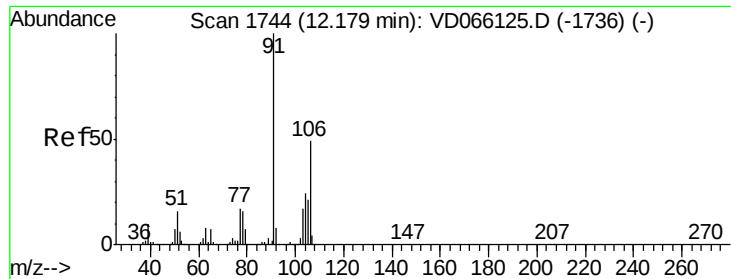
Tgt Ion: 106 Resp: 338223

Ion Ratio Lower Upper

106 100

91 206.6 156.6 235.0





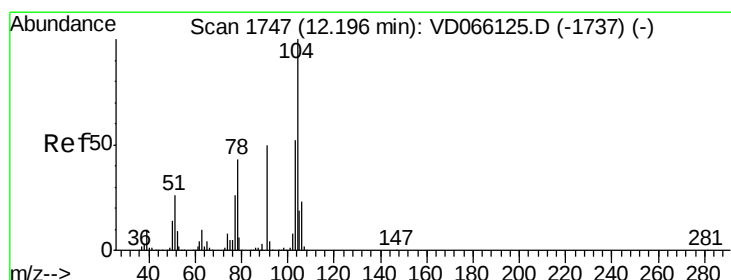
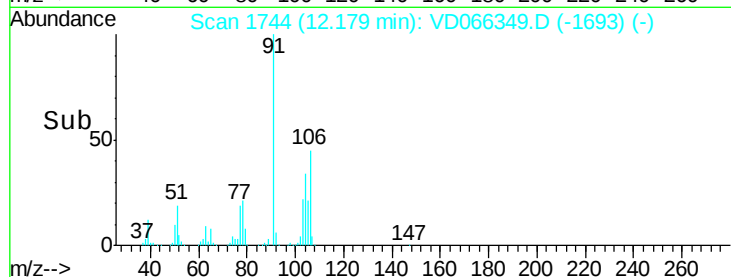
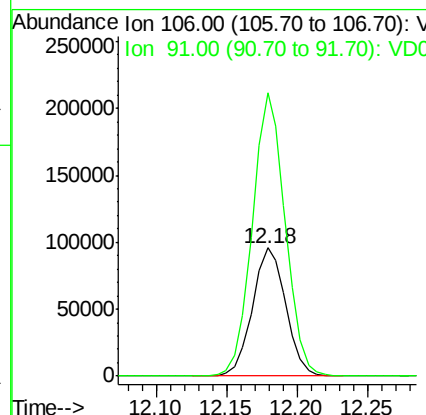
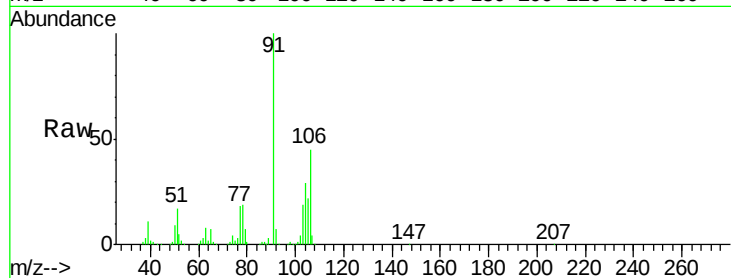
#69
o-Xylene
Concen: 51.369 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		159409		
91	215.6	105.7	317.1		

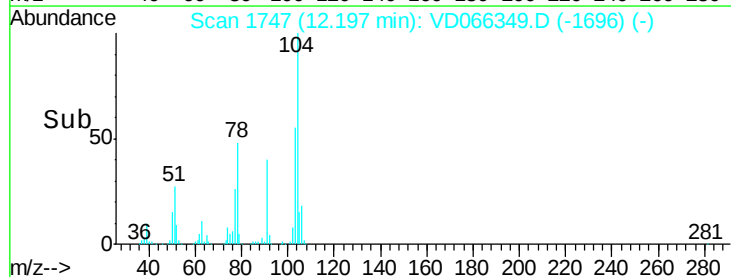
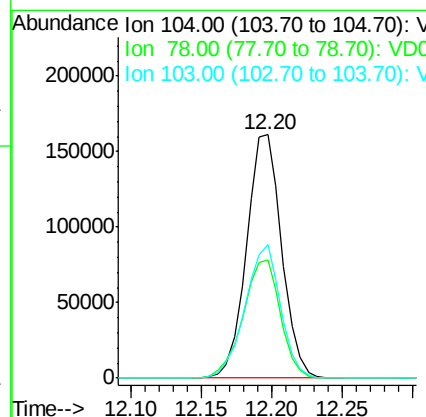
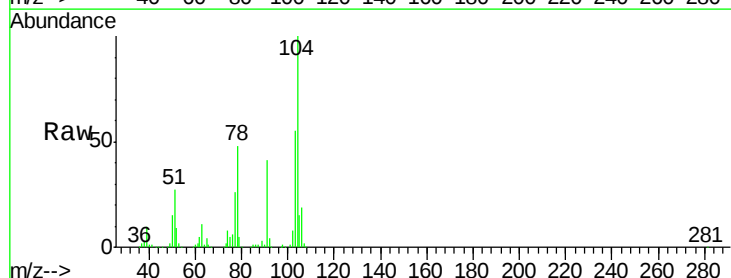
Manual Integrations
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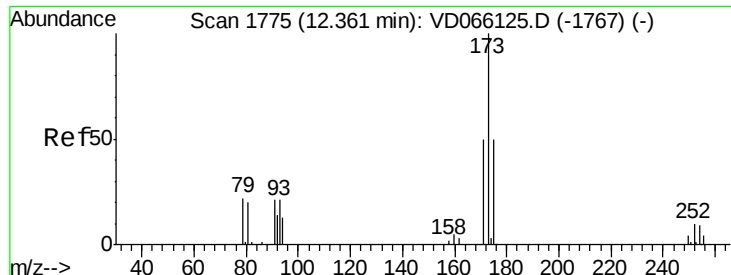
MMDadoda
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#70
Styrene
Concen: 51.581 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		280519		
78	51.6	38.6	58.0		
103	55.4	44.1	66.1		





#71

Bromoform

Concen: 51.363 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 60499

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.6

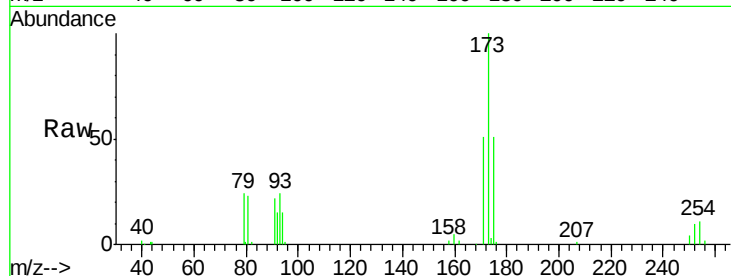
254 0.0 0.2 0.2#

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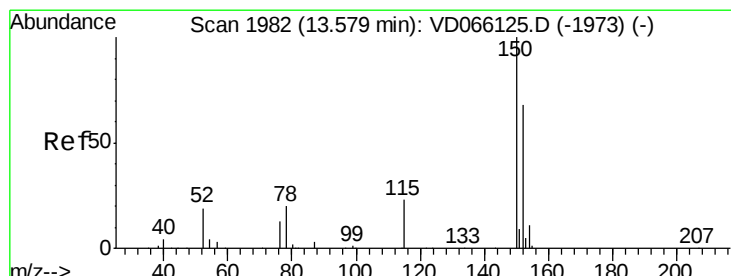
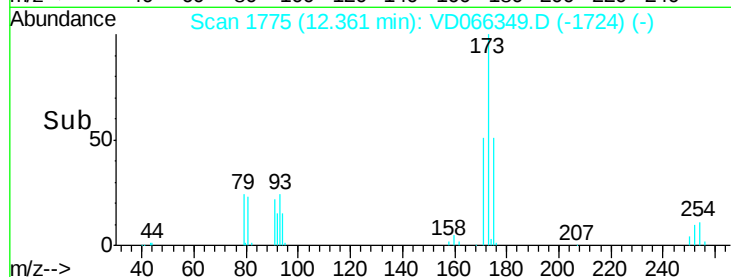
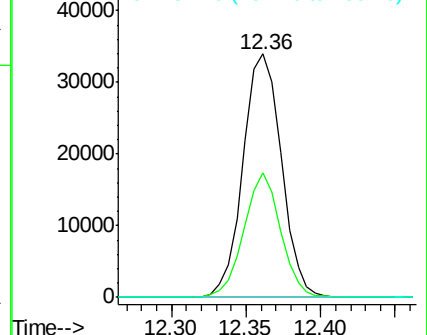
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

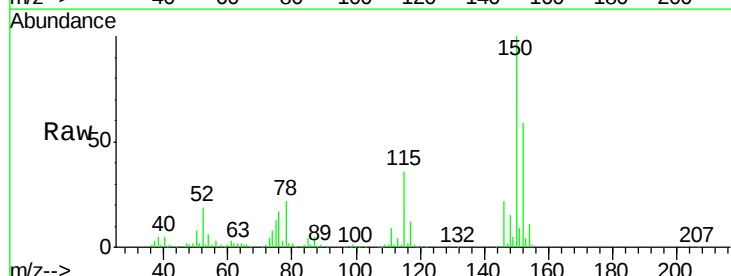
Tgt Ion:152 Resp: 124053

Ion Ratio Lower Upper

152 100

115 57.1 28.0 83.9

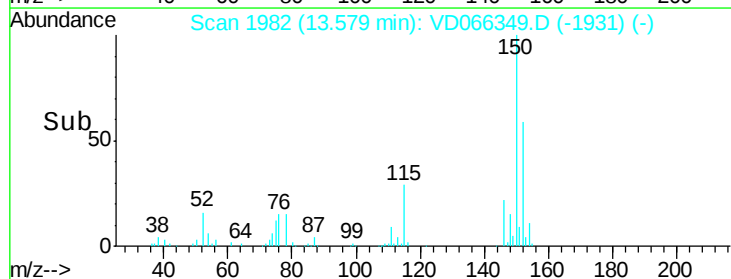
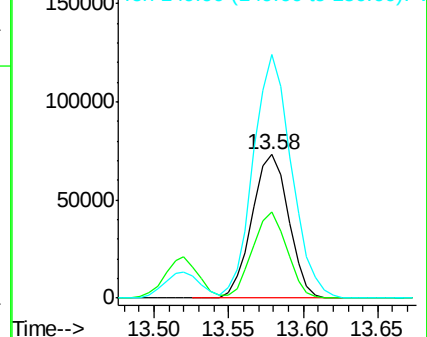
150 176.8 0.0 346.4

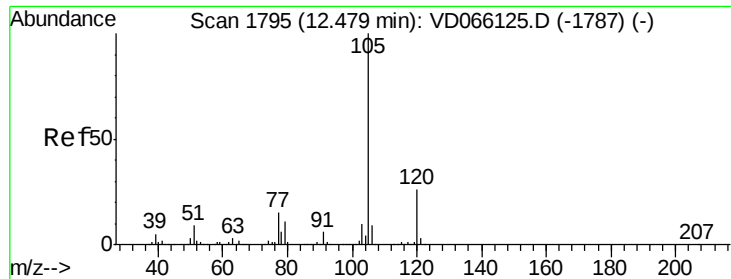


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.553 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 451743

Ion Ratio Lower Upper

105 100

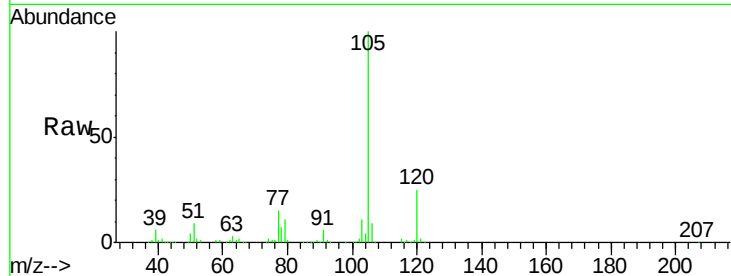
120 25.9 13.3 39.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

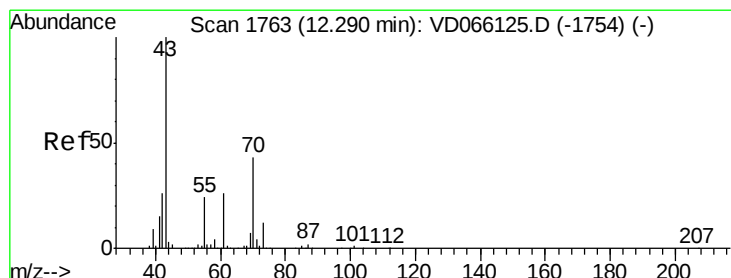
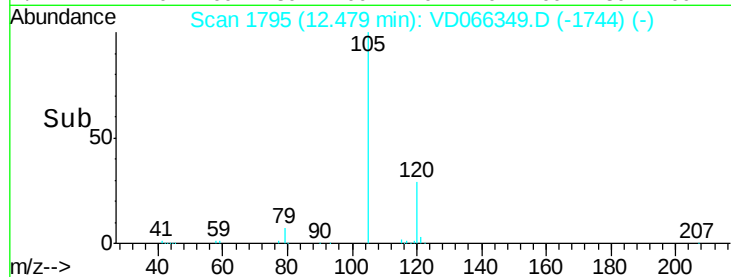
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 45.248 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Tgt Ion: 43 Resp: 82510

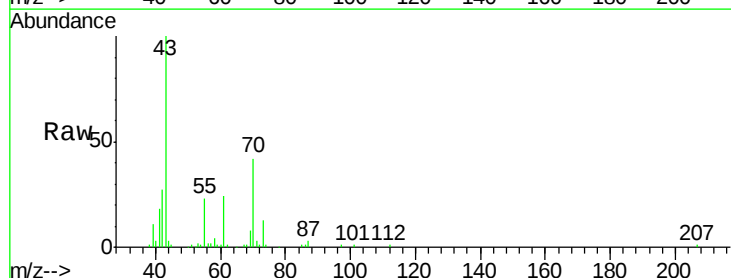
Ion Ratio Lower Upper

43 100

70 44.8 34.9 52.3

55 25.0 19.2 28.8

61 24.0 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

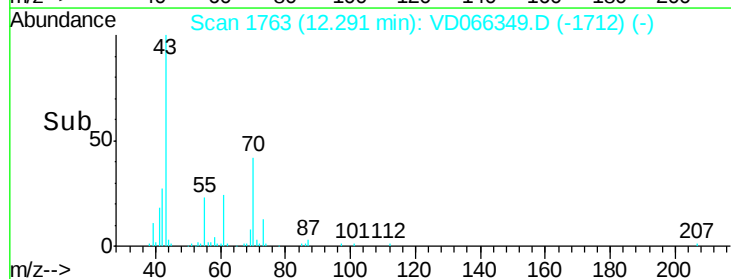
60000

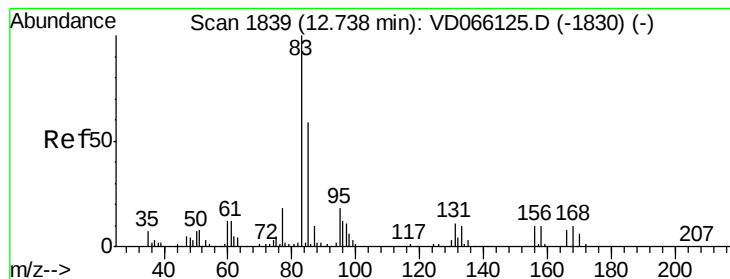
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.562 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

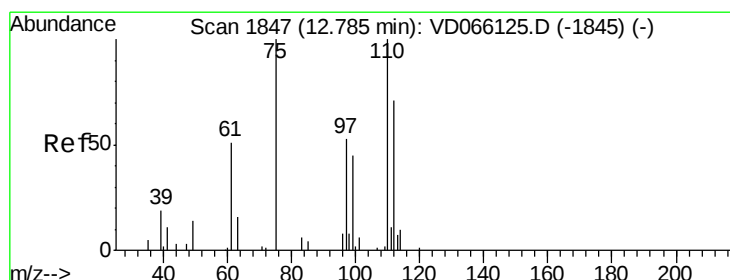
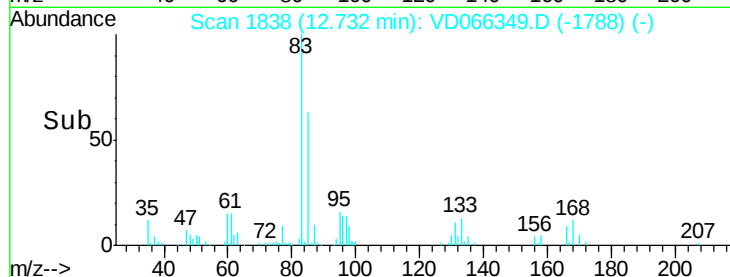
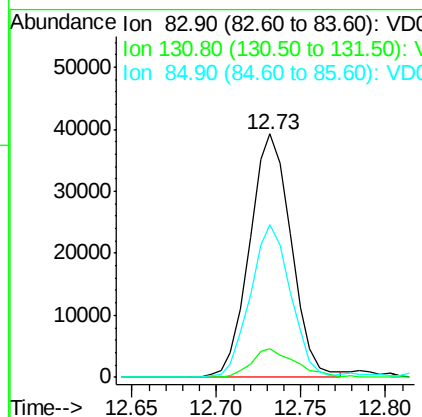
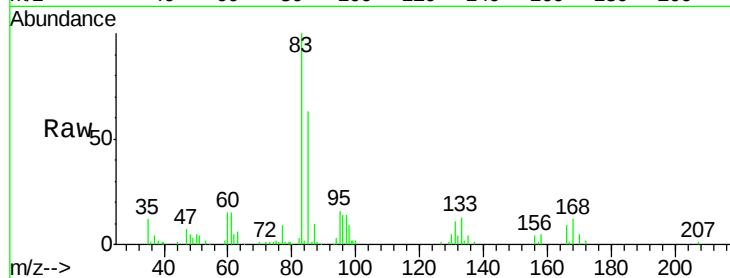
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	67159
Ion Ratio	Lower	Upper	
83	100		
131	12.5	6.2	18.6
85	60.7	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.981 ug/l m

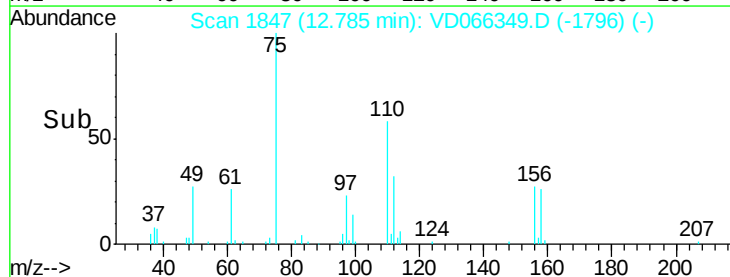
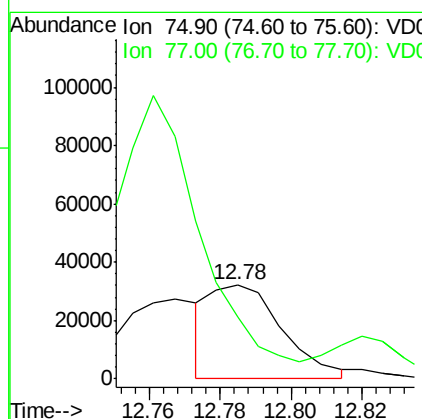
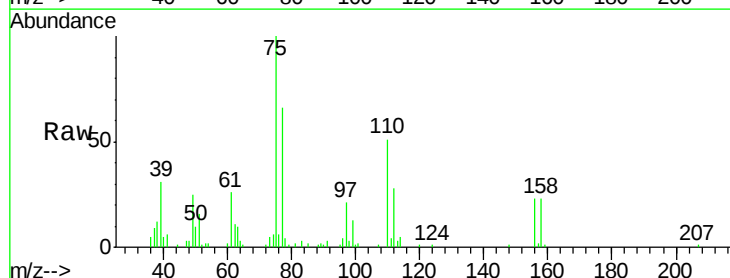
RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Tgt Ion:	75	Resp:	45499
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.867 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

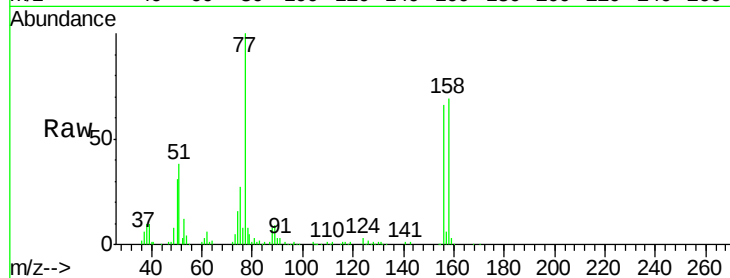
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	110562
Ion	Ratio	Lower	Upper
156	100		
77	157.6	81.0	243.1
158	100.3	48.8	146.3

Manual Integrations
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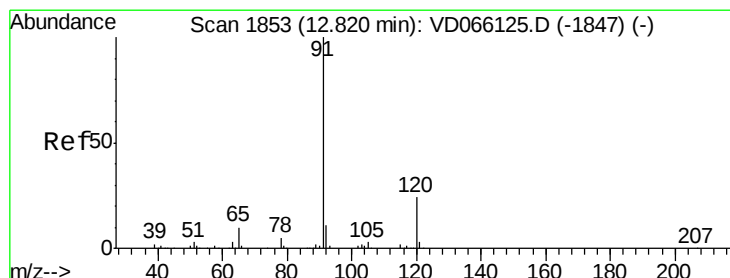
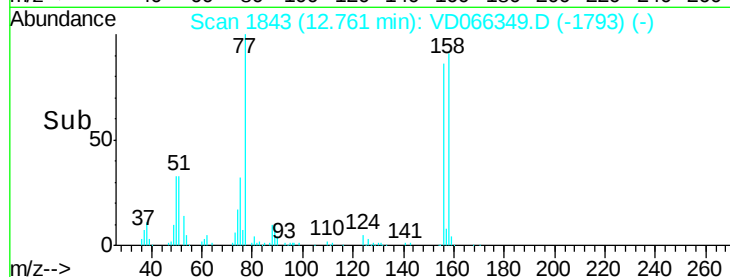
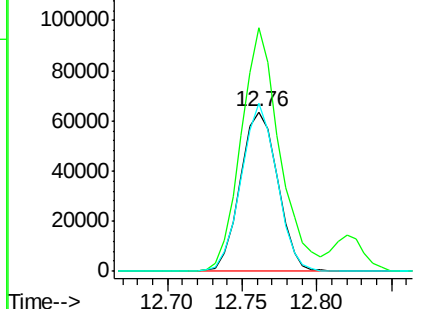
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.596 ug/l

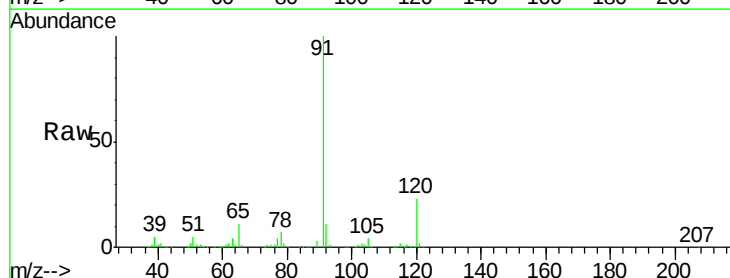
RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066349.D

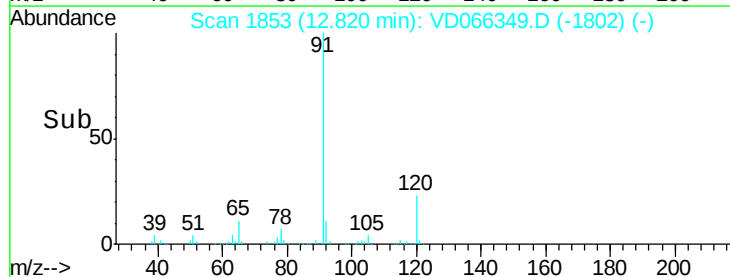
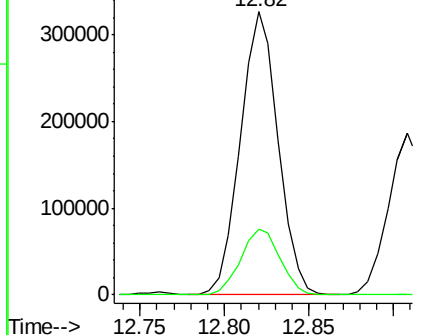
Acq: 20 Aug 2020 07:15

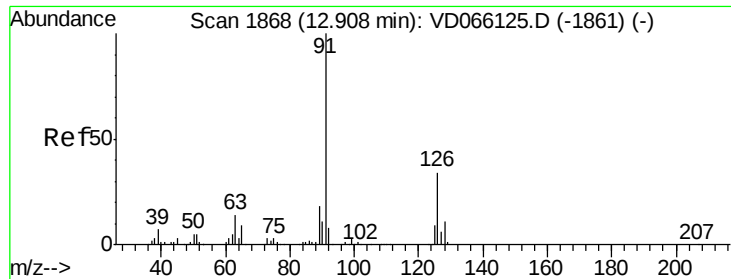
Tgt Ion:	91	Resp:	506278
Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.098 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 297832

Ion Ratio Lower Upper

91 100

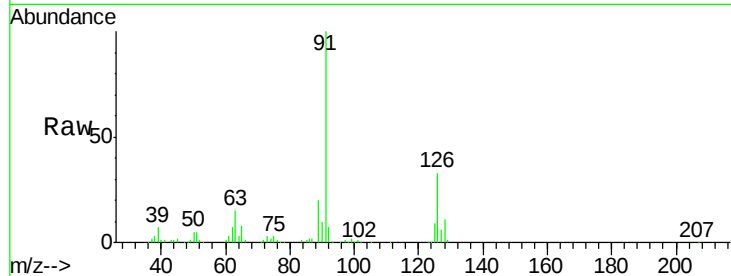
126 34.7 17.5 52.6

Manual Integrations

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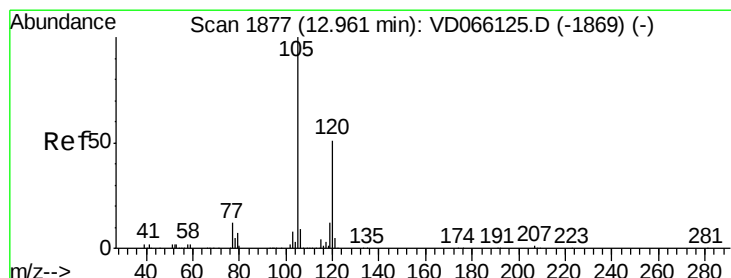
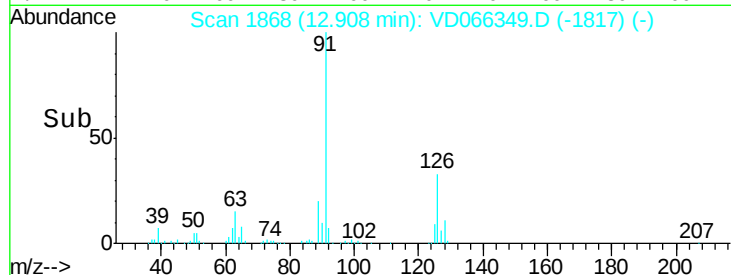
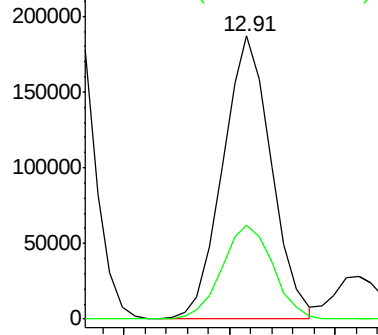
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Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.219 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066349.D

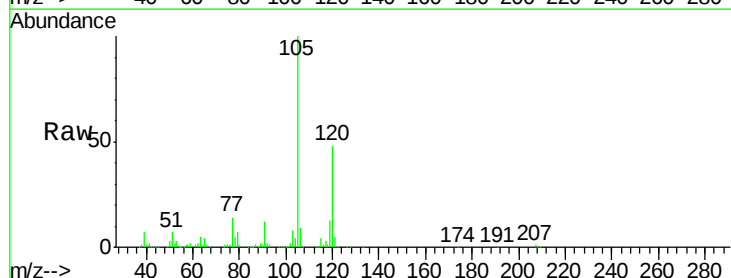
Acq: 20 Aug 2020 07:15

Tgt Ion:105 Resp: 382408

Ion Ratio Lower Upper

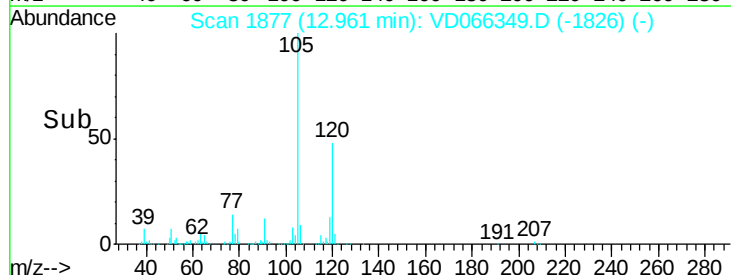
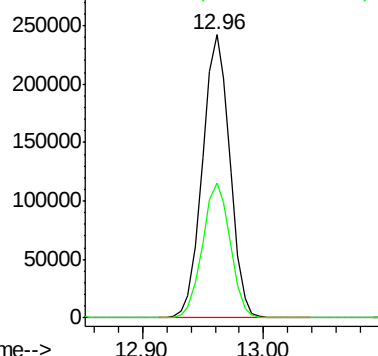
105 100

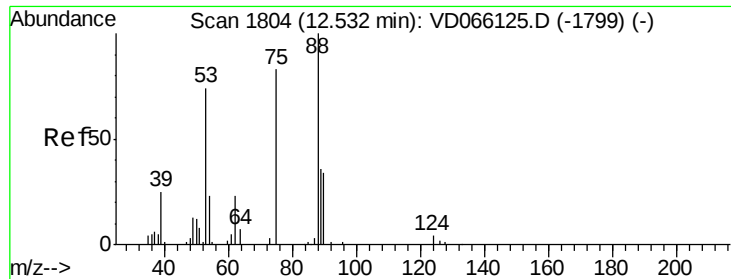
120 48.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





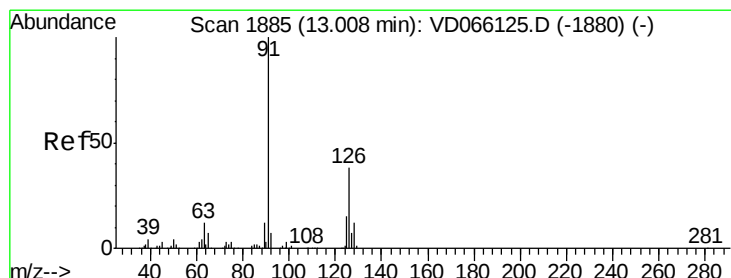
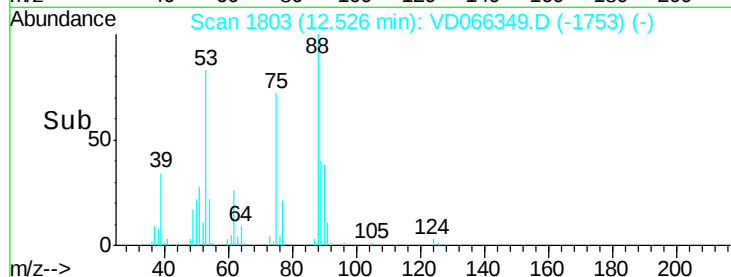
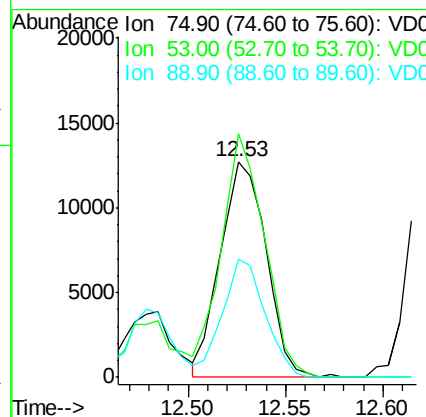
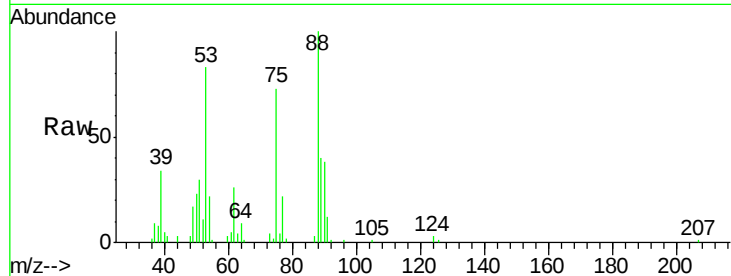
#81
trans-1,4-Dichloro-2-butene
Concen: 44.288 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.3	73.4	110.2
89	51.1	36.6	55.0

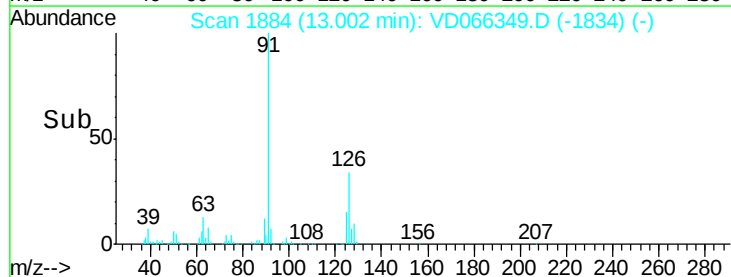
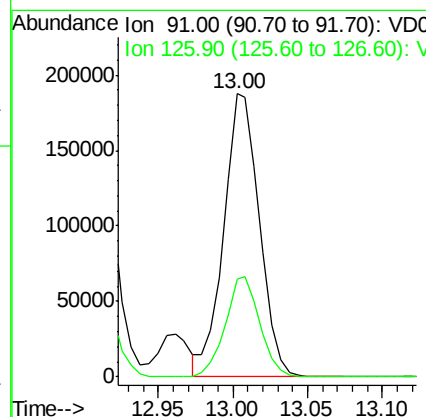
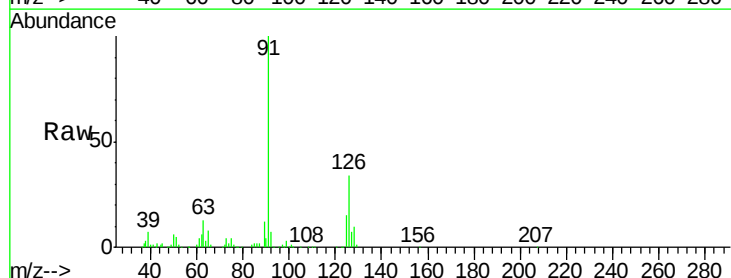
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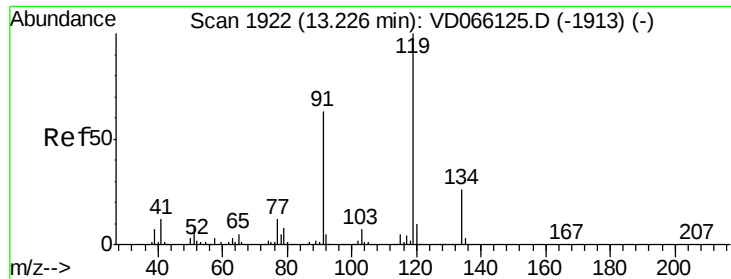
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#82
4-Chlorotoluene
Concen: 53.863 ug/l
RT: 13.00 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.8	53.3





#83

tert-Butylbenzene

Concen: 54.805 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

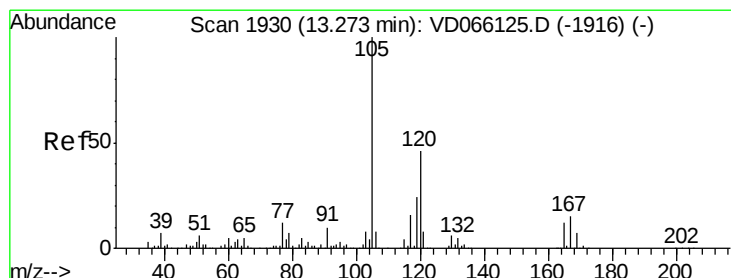
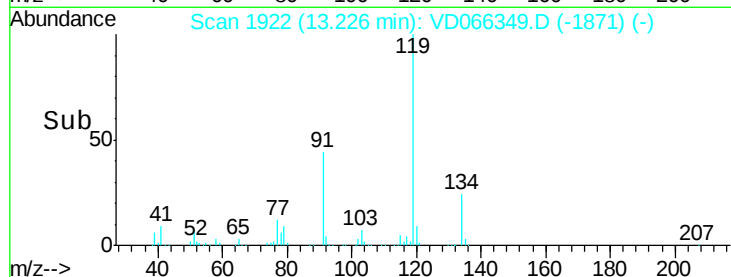
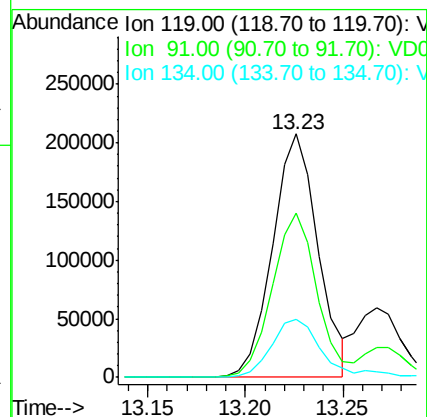
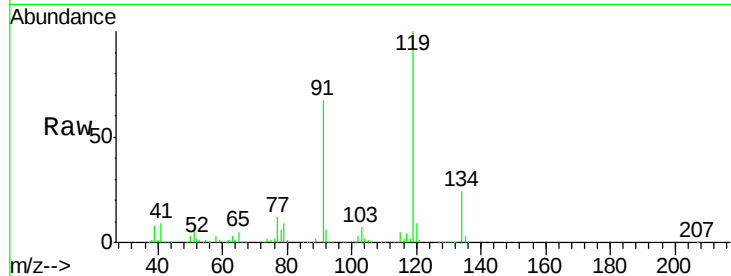
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	333784
Ion Ratio	Lower	Upper	
119	100		
91	67.0	30.8	92.4
134	26.9	13.6	40.8

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#84

1,2,4-Trimethylbenzene

Concen: 55.181 ug/l

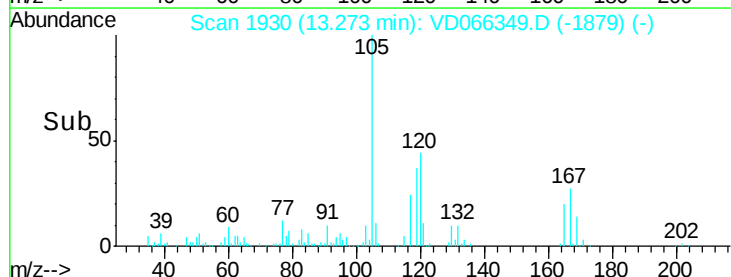
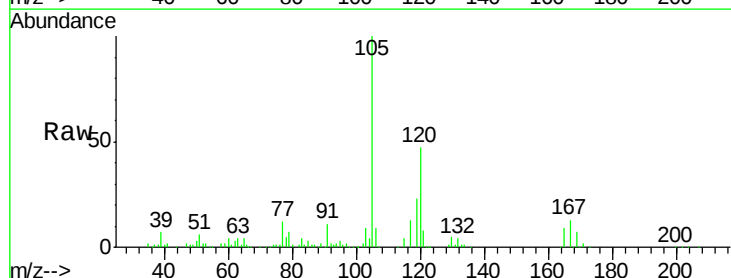
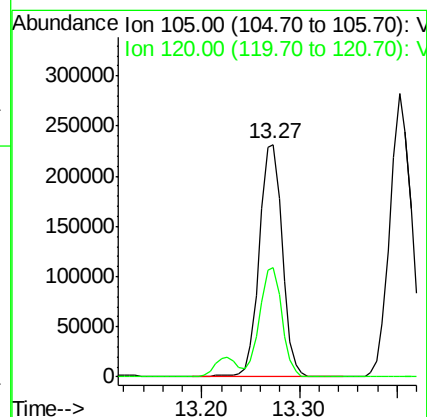
RT: 13.27 min Scan# 1930

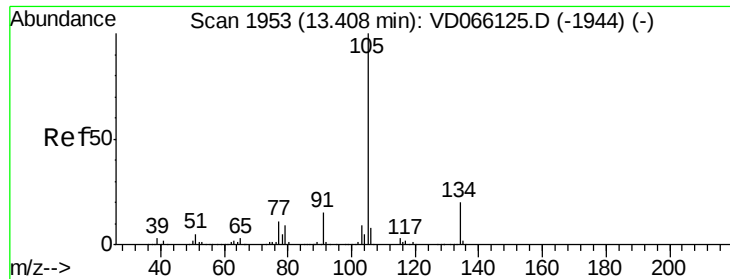
Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Tgt Ion:	105	Resp:	382441
Ion Ratio	Lower	Upper	
105	100		
120	45.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 52.862 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 434672

Ion Ratio Lower Upper

105 100

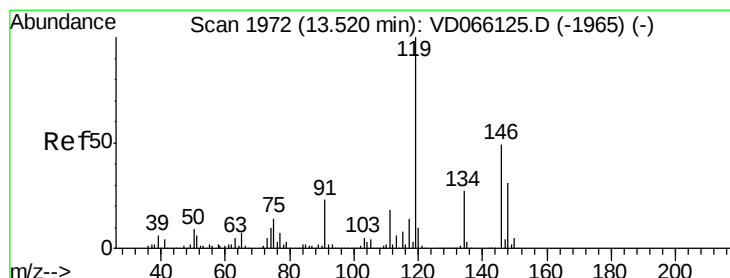
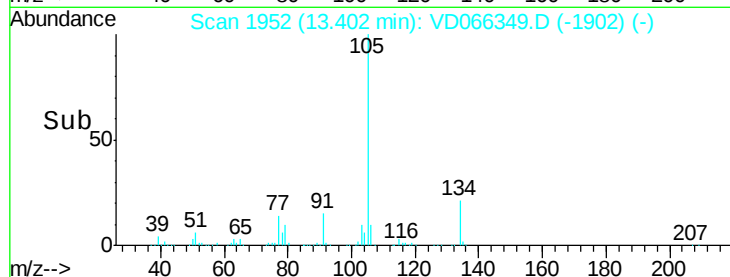
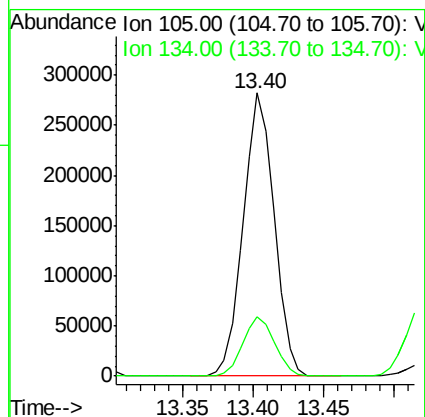
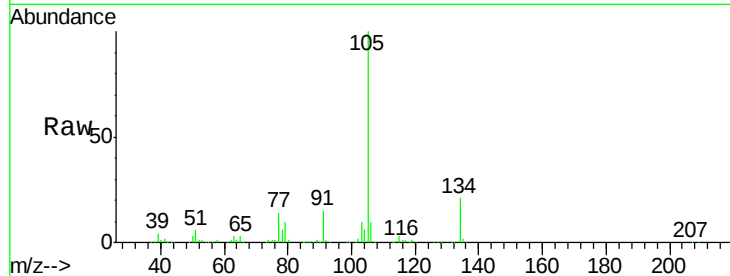
134 21.4 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 53.449 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066349.D

Acq: 20 Aug 2020 07:15

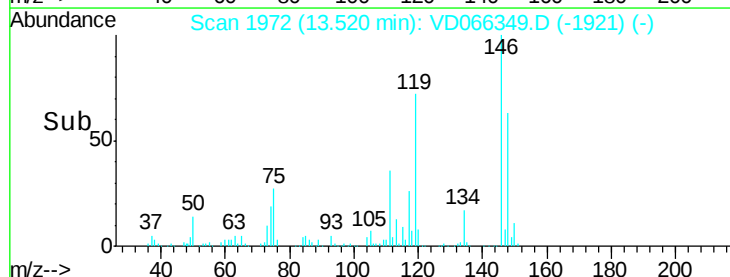
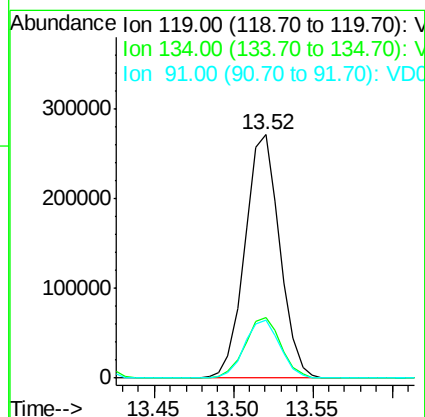
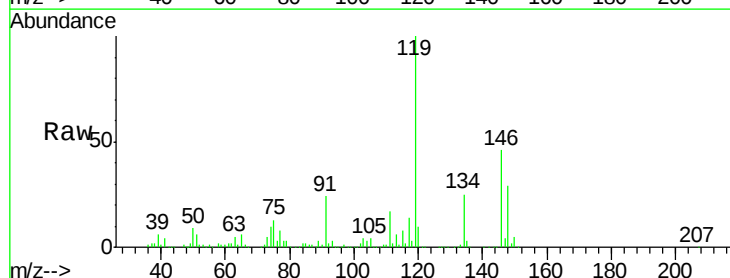
Tgt Ion:119 Resp: 412210

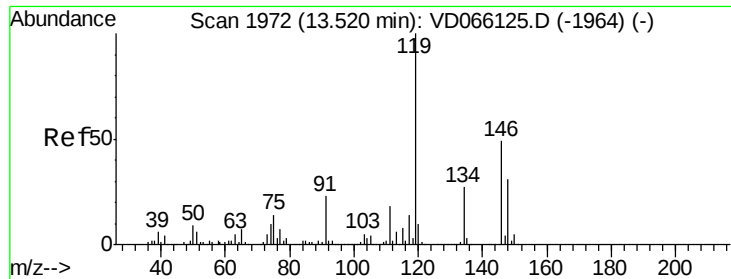
Ion Ratio Lower Upper

119 100

134 25.8 13.5 40.4

91 24.3 11.2 33.5





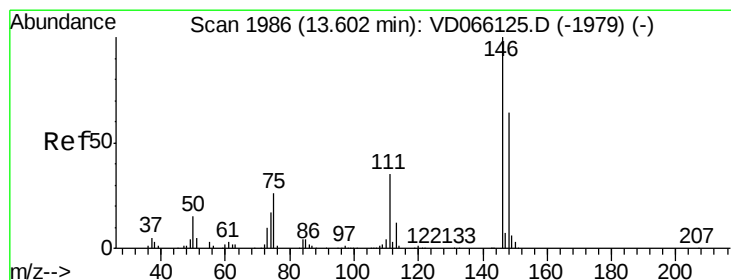
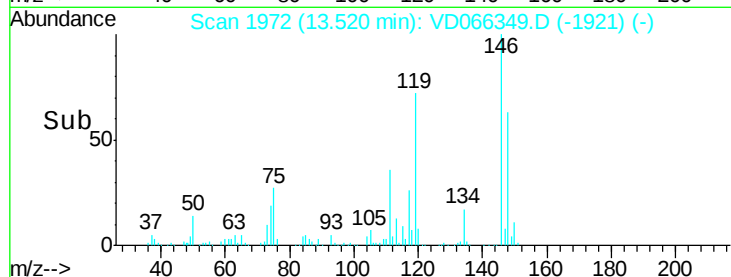
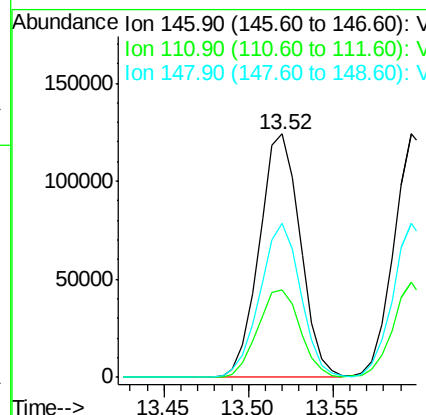
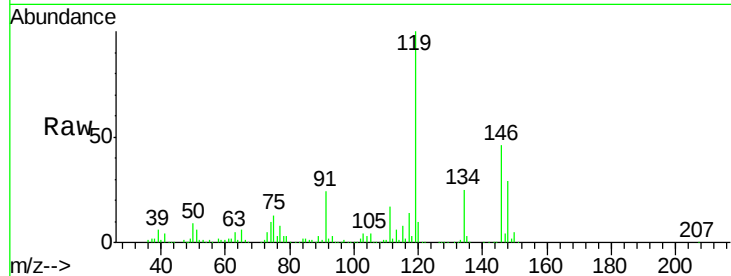
#87
 1,3-Dichlorobenzene
 Concen: 52.270 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	209413		
111	37.5	18.9	56.9	
148	63.1	31.8	95.3	

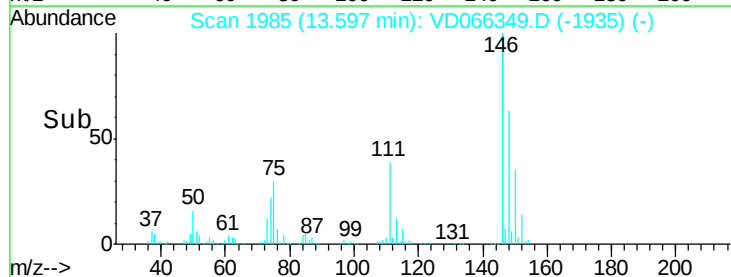
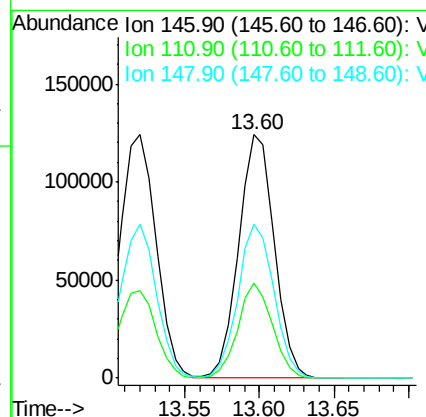
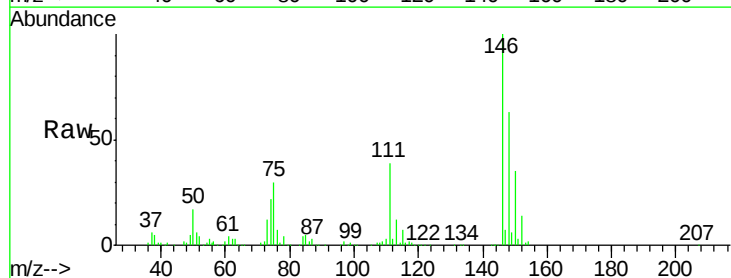
Manual Integrations
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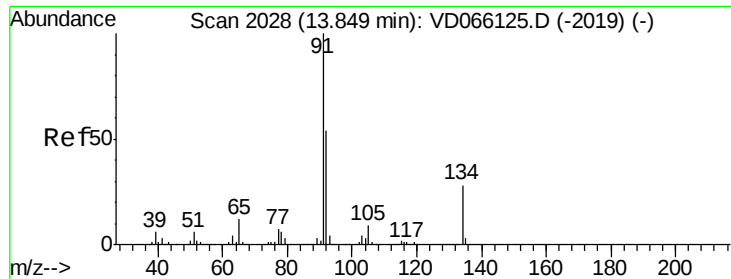
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#88
 1,4-Dichlorobenzene
 Concen: 51.507 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	205793		
111	37.8	18.6	55.8	
148	63.7	32.4	97.0	





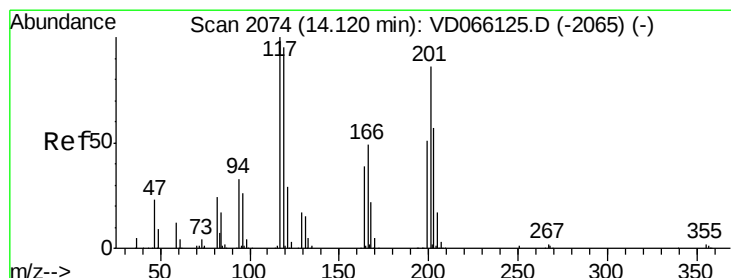
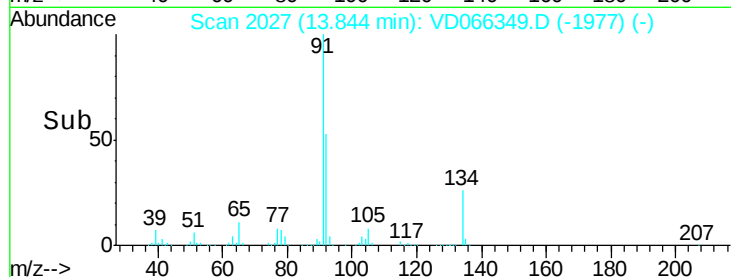
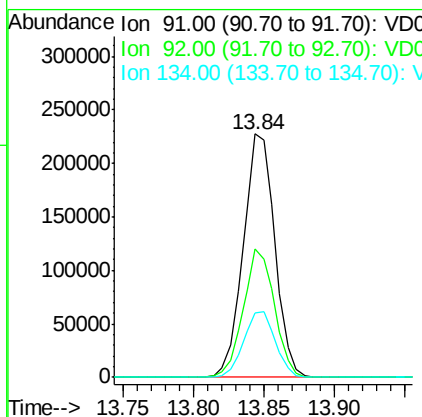
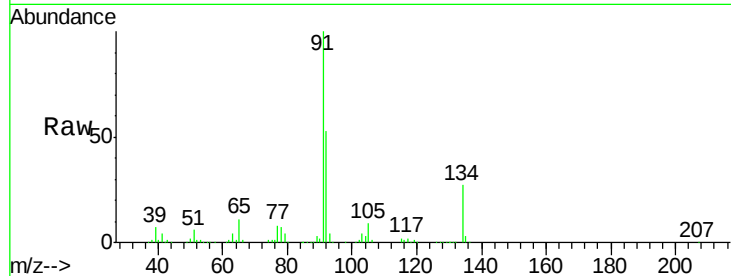
#89
n-Butylbenzene
Concen: 51.441 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.8	26.8	80.3	
134	27.4	14.0	41.9	

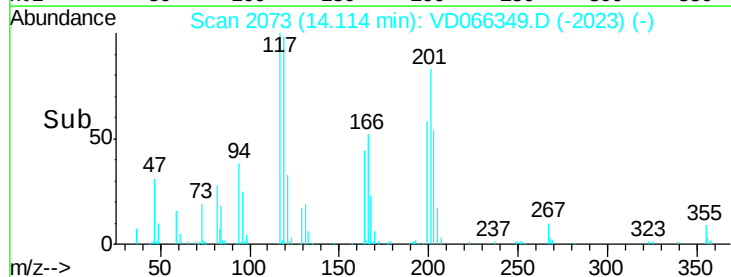
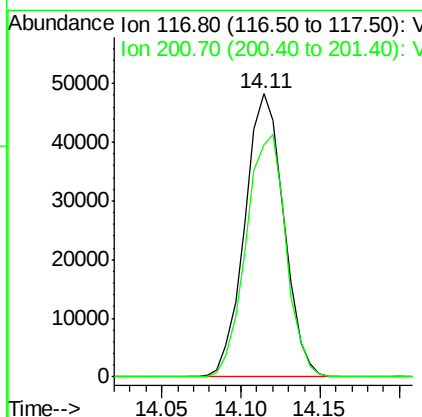
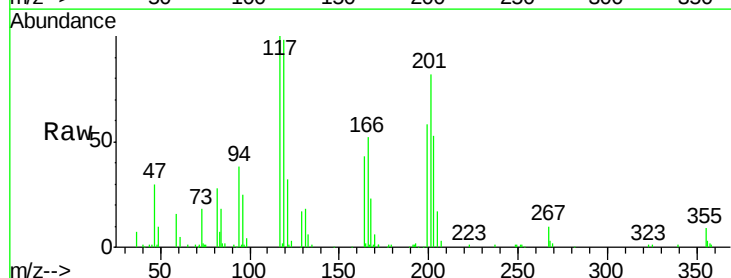
Manual Integrations
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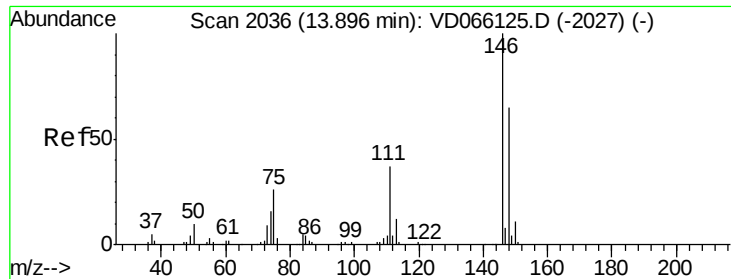
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#90
Hexachloroethane
Concen: 53.895 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	87.3	42.7	128.1	





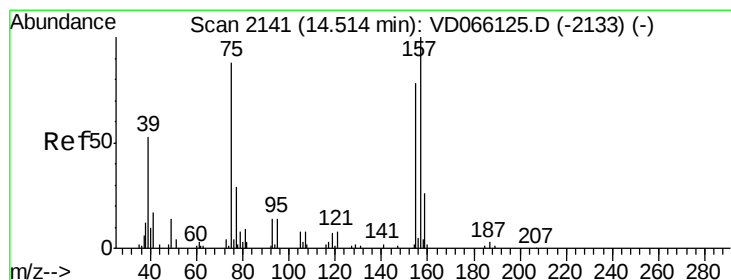
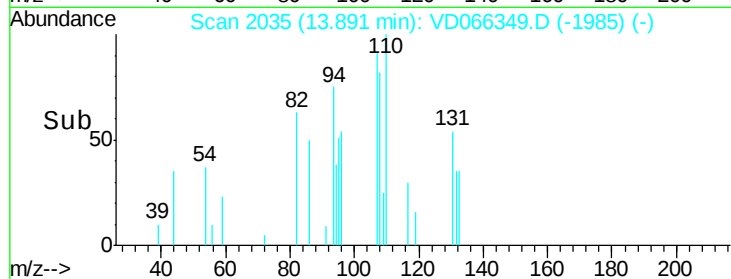
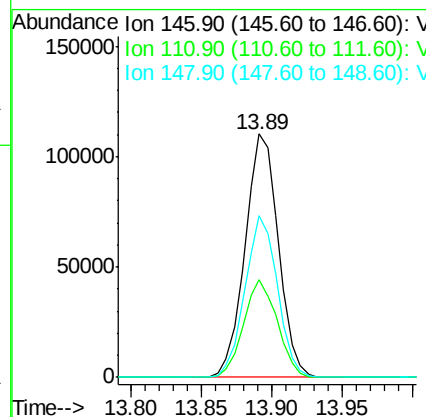
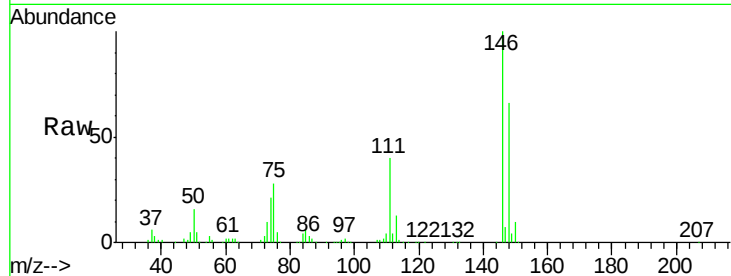
#91
 1,2-Dichlorobenzene
 Concen: 51.511 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	18.8	56.3
148	64.5	31.9	95.5

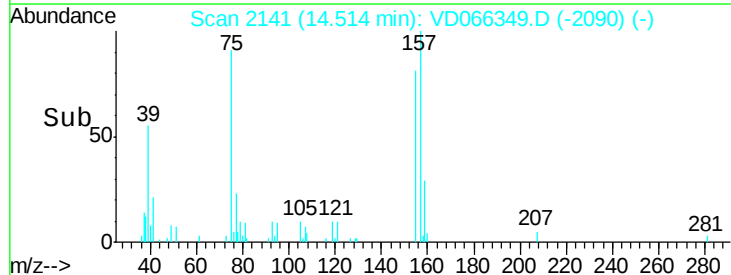
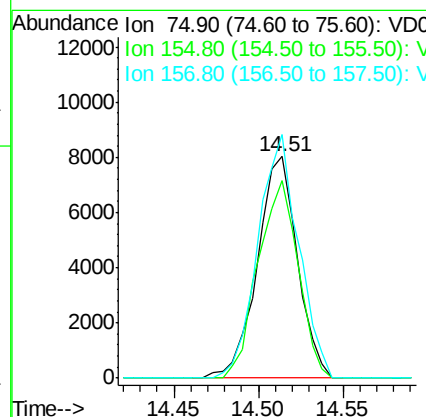
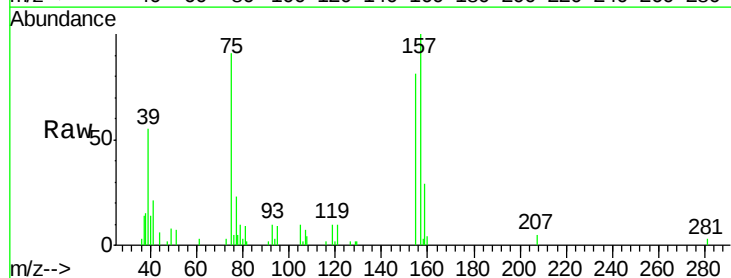
Manual Integrations
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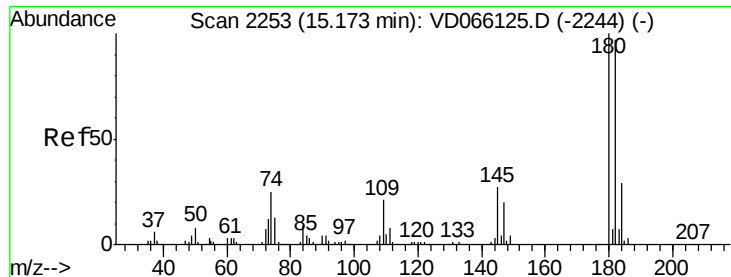
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.417 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.7	47.7	143.1
157	111.1	62.1	186.2





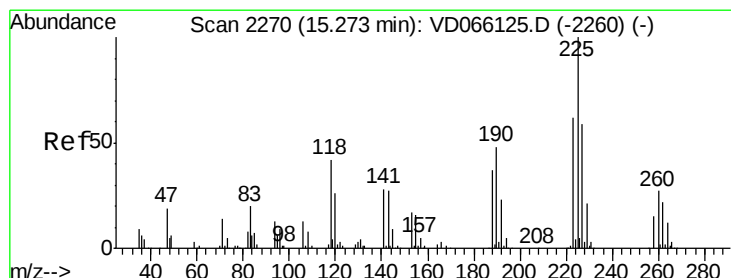
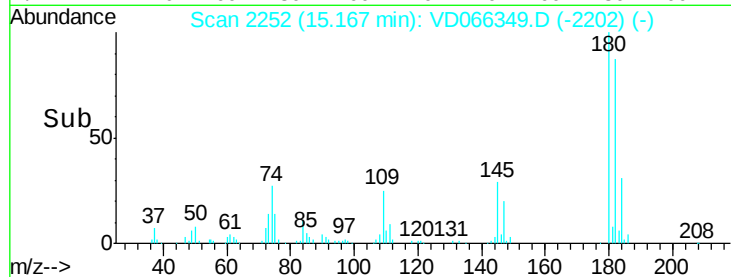
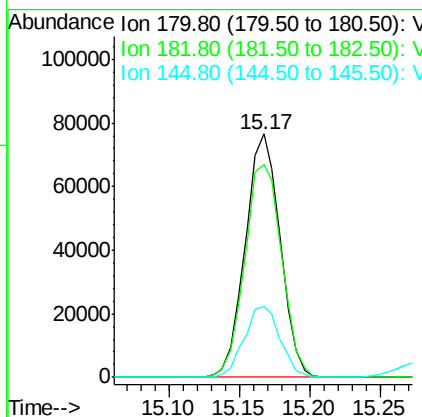
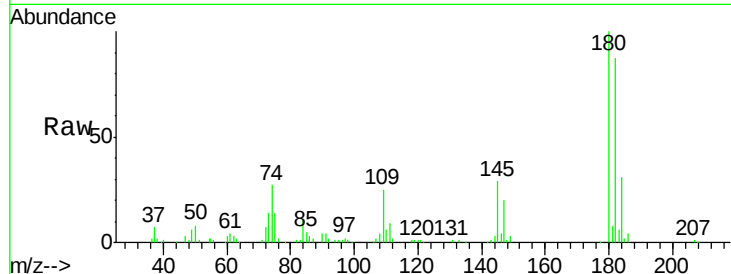
#93
 1,2,4-Trichlorobenzene
 Concen: 50.744 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.4	142.2
145	29.9	14.5	43.6

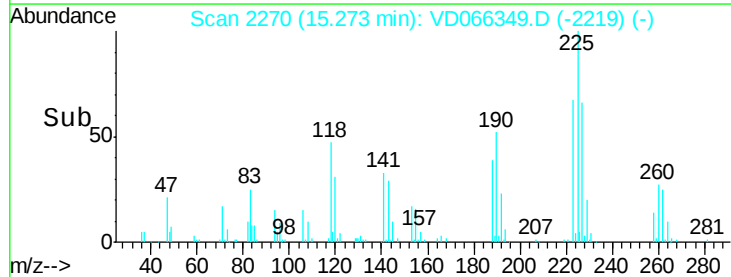
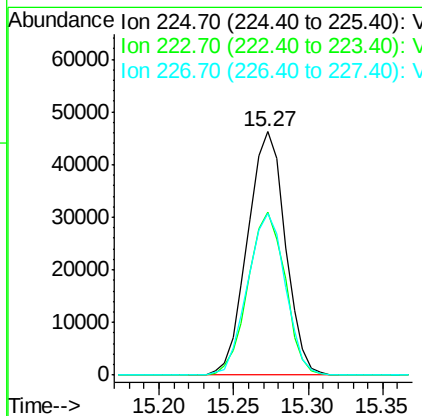
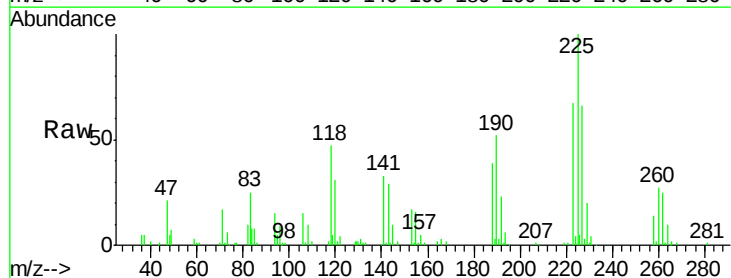
Manual Integrations
 APPROVED

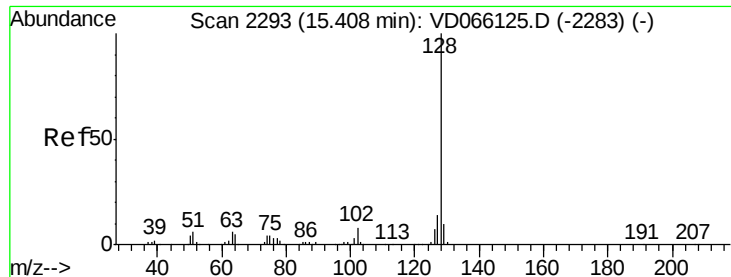
MMDadoda
 8/20/2020 3:37:08 PM



#94
 Hexachlorobutadiene
 Concen: 52.647 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066349.D
 Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	32.3	96.9
227	66.0	32.1	96.5





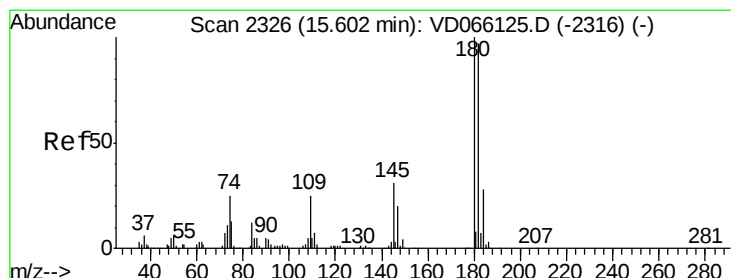
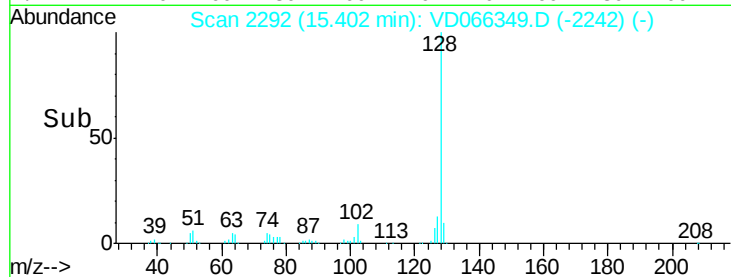
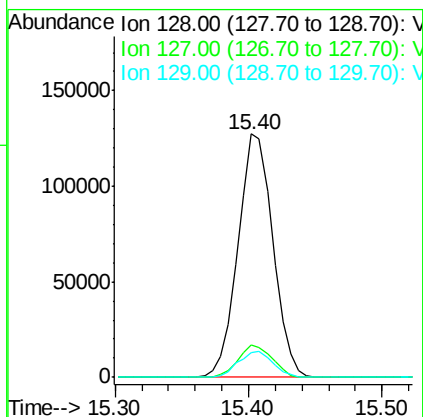
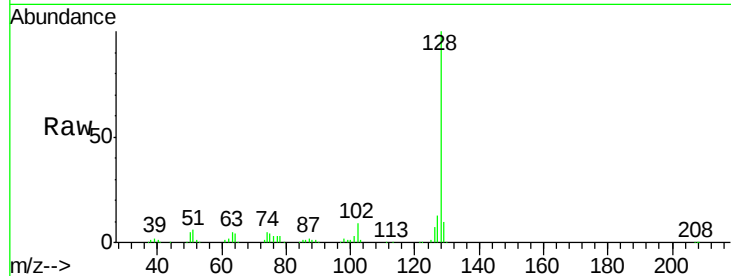
#95
Naphthalene
Concen: 54.071 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.4
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/20/2020 3:37:08 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.388 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066349.D
Acq: 20 Aug 2020 07:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.1	141.4
145	31.9	14.9	44.9

