

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
 Data File : VD066271.D
 Acq On : 18 Aug 2020 12:06
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/19/2020 5:23:06 PM

Quant Time: Aug 18 13:57:28 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	7.97	168	252727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	362093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	336801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	176265	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	123863	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
35) Dibromofluoromethane	7.91	113	123594	53.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.76%	
50) Toluene-d8	10.33	98	443660	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.63	95	169182	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	89818	40.338	ug/l	97
3) Chloromethane	2.21	50	72350	41.771	ug/l	90
4) Vinyl Chloride	2.35	62	70498	45.974	ug/l	96
5) Bromomethane	2.77	94	53207	52.298	ug/l	94
6) Chloroethane	2.92	64	46533	49.435	ug/l #	80
7) Trichlorofluoromethane	3.27	101	195475	48.896	ug/l	97
8) Diethyl Ether	3.70	74	52289	46.354	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	111910	47.168	ug/l	97
10) Methyl Iodide	4.30	142	108870	50.348	ug/l	98
11) Tert butyl alcohol	5.21	59	33889	192.558	ug/l	96
12) 1,1-Dichloroethene	4.07	96	105364	47.076	ug/l	96
13) Acrolein	3.92	56	36849	205.321	ug/l	95
14) Allyl chloride	4.71	41	152836	45.074	ug/l	93
15) Acrylonitrile	5.41	53	114280	240.414	ug/l	100
16) Acetone	4.15	43	116296	271.838	ug/l	99
17) Carbon Disulfide	4.40	76	291545	40.968	ug/l	99
18) Methyl Acetate	4.71	43	50110	46.114	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	258415	50.373	ug/l	96
20) Methylene Chloride	4.97	84	126344	51.570	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	119347	46.418	ug/l	97
22) Diisopropyl ether	6.36	45	330976	49.360	ug/l	95
23) Vinyl Acetate	6.30	43	944251	240.374	ug/l	98
24) 1,1-Dichloroethane	6.26	63	203214	48.971	ug/l	98
25) 2-Butanone	7.21	43	143681	228.342	ug/l	96
26) 2,2-Dichloropropane	7.20	77	193516	52.031	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	134141	49.740	ug/l	99
28) Bromochloromethane	7.54	49	73574	50.480	ug/l	95
29) Tetrahydrofuran	7.56	42	88947	228.156	ug/l	97
30) Chloroform	7.71	83	228140	52.358	ug/l	92
31) Cyclohexane	7.98	56	166573	42.169	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	212104	51.917	ug/l	99
36) 1,1-Dichloropropene	8.11	75	166561	48.952	ug/l	98
37) Ethyl Acetate	7.29	43	64502	47.845	ug/l	99
38) Carbon Tetrachloride	8.09	117	199566	52.595	ug/l	91

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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	190588	46.336	ug/l	96
40) Benzene	8.34	78	462657	49.015	ug/l	97
41) Methacrylonitrile	7.53	41	37675m	47.529	ug/l	
42) 1,2-Dichloroethane	8.42	62	144904	52.257	ug/l	98
43) Isopropyl Acetate	8.44	43	124594	46.906	ug/l	99
44) Trichloroethene	9.11	130	141900	49.889	ug/l	98
45) 1,2-Dichloropropane	9.38	63	114563	49.626	ug/l	95
46) Dibromomethane	9.47	93	66653	52.417	ug/l	98
47) Bromodichloromethane	9.66	83	175879	52.332	ug/l	93
48) Methyl methacrylate	9.45	41	64540	47.584	ug/l	95
49) 1,4-Dioxane	9.46	88	14836	908.131	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	324462	237.805	ug/l	99
52) Toluene	10.40	92	314784	50.681	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	166277	52.133	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	193124	51.681	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	93221	50.911	ug/l	98
56) Ethyl methacrylate	10.66	69	110879	50.408	ug/l	94
57) 1,3-Dichloropropane	10.94	76	152338	50.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	267248	270.107	ug/l	99
59) 2-Hexanone	10.98	43	229004	239.153	ug/l	99
60) Dibromochloromethane	11.14	129	130531	51.636	ug/l	99
61) 1,2-Dibromoethane	11.24	107	88903	50.486	ug/l	98
64) Tetrachloroethene	10.87	164	125893	48.678	ug/l	95
65) Chlorobenzene	11.67	112	347457	50.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	139883	52.289	ug/l	99
67) Ethyl Benzene	11.74	91	612081	51.660	ug/l	98
68) m/p-Xylenes	11.85	106	468867	102.139	ug/l	97
69) o-Xylene	12.18	106	215256	51.548	ug/l	99
70) Styrene	12.20	104	383106	52.349	ug/l	99
71) Bromoform	12.36	173	79002	49.844	ug/l	# 100
73) Isopropylbenzene	12.48	105	602912	51.241	ug/l	100
74) N-amyl acetate	12.29	43	124464	48.038	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	96847	48.271	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	64420m	43.825	ug/l	
77) Bromobenzene	12.76	156	153258	50.600	ug/l	99
78) n-propylbenzene	12.82	91	698919	51.101	ug/l	100
79) 2-Chlorotoluene	12.91	91	400589	51.210	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	518441	52.687	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	32372	48.683	ug/l	95
82) 4-Chlorotoluene	13.01	91	432028	52.318	ug/l	99
83) tert-Butylbenzene	13.23	119	450308	52.036	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	520117	52.816	ug/l	98
85) sec-Butylbenzene	13.40	105	612902	52.458	ug/l	100
86) p-Isopropyltoluene	13.52	119	577285	52.681	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	289849	50.917	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	290668	51.200	ug/l	100
89) n-Butylbenzene	13.84	91	519514	52.914	ug/l	99
90) Hexachloroethane	14.11	117	113571	51.965	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	255419	50.735	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	17734	51.429	ug/l	95

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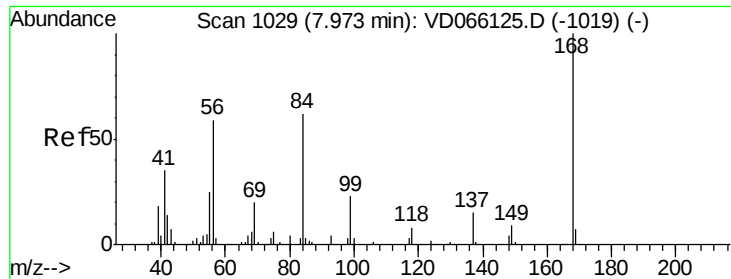
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	189993	51.211	ug/l	99
94) Hexachlorobutadiene	15.27	225	117702	53.876	ug/l	97
95) Naphthalene	15.41	128	309285	51.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	165237	50.452	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 252727

Ion Ratio Lower Upper

168 100

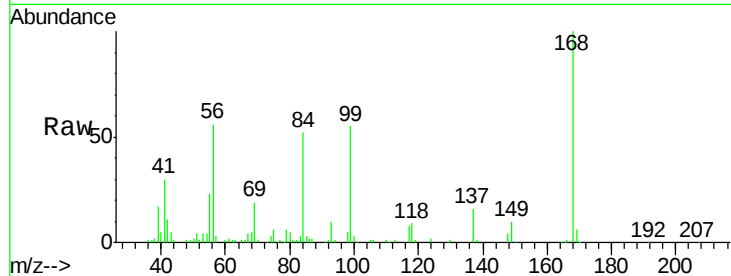
99 54.4 42.2 63.4

Manual Integrations

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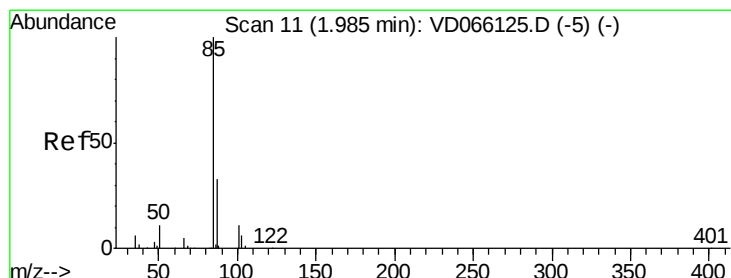
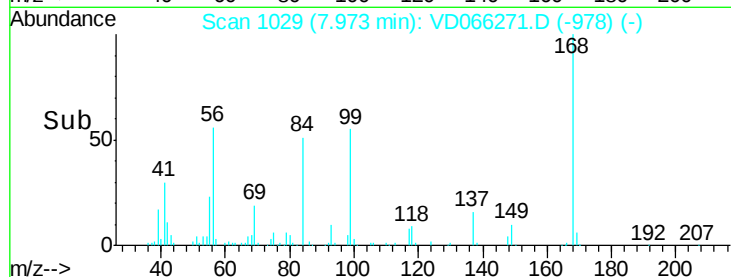
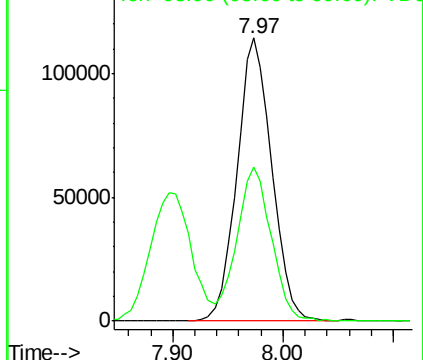
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 40.338 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066271.D

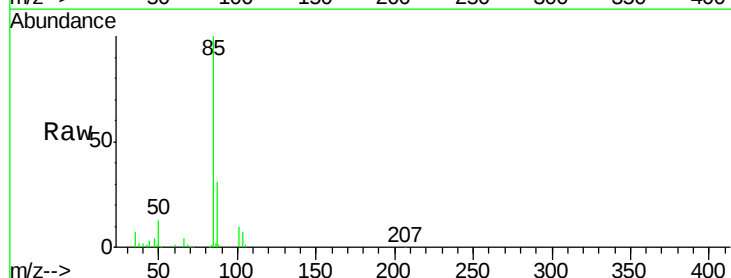
Acq: 18 Aug 2020 12:06

Tgt Ion: 85 Resp: 89818

Ion Ratio Lower Upper

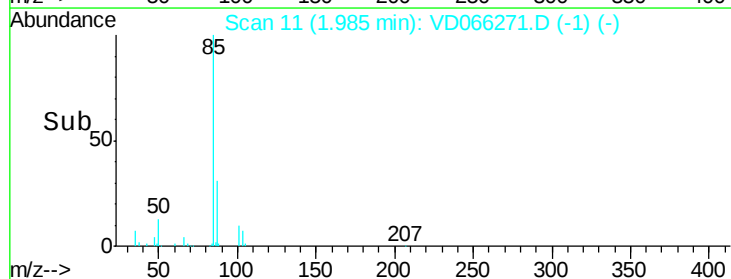
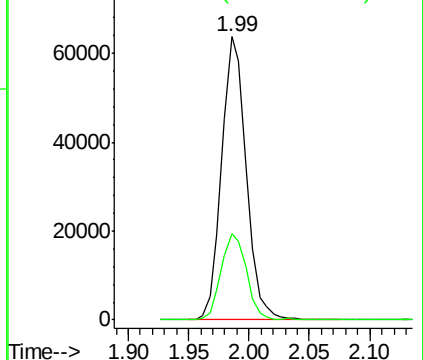
85 100

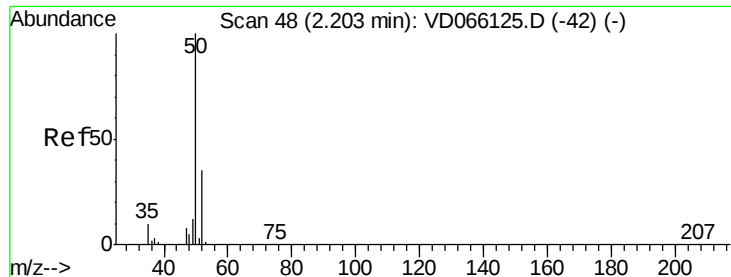
87 30.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 41.771 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 72350

Ion Ratio Lower Upper

50 100

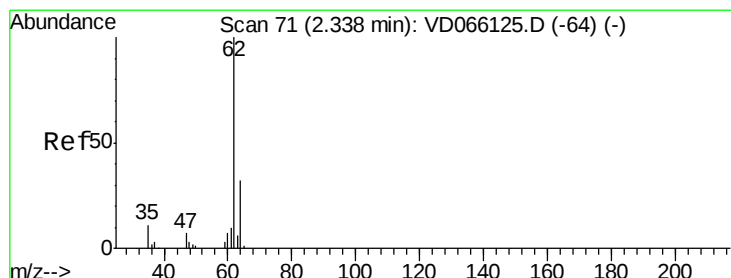
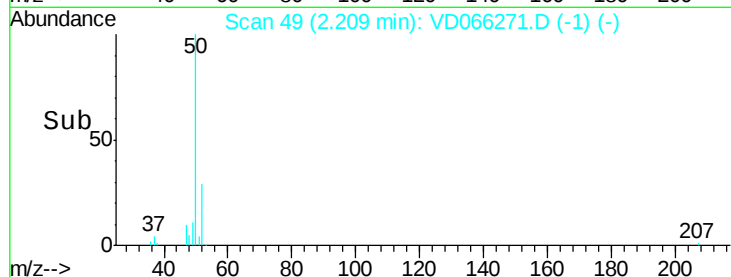
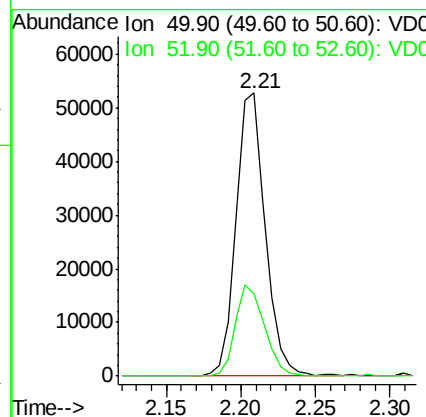
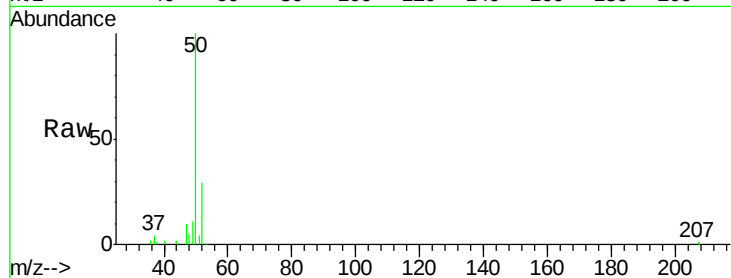
52 29.2 27.9 41.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.974 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066271.D

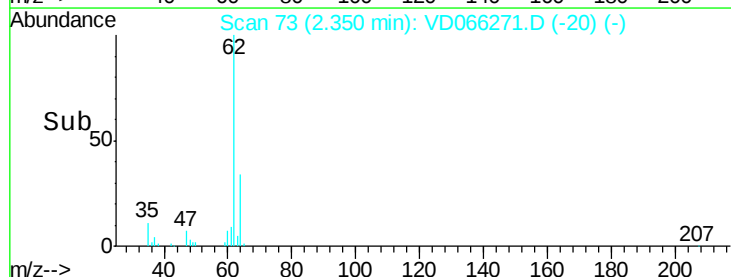
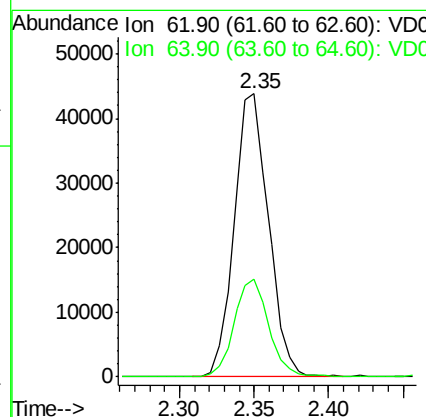
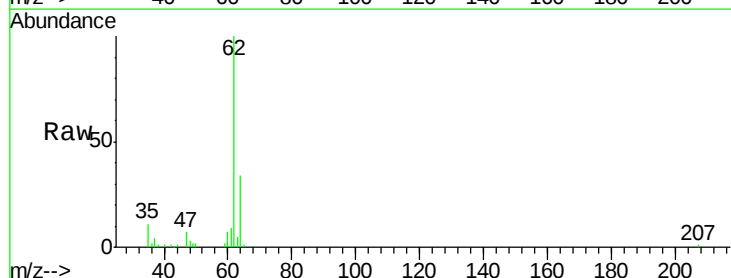
Acq: 18 Aug 2020 12:06

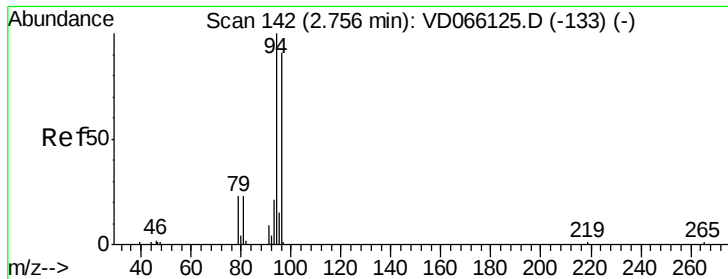
Tgt Ion: 62 Resp: 70498

Ion Ratio Lower Upper

62 100

64 34.5 25.8 38.8





#5

Bromomethane

Concen: 52.298 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 53207

Ion Ratio Lower Upper

94 100

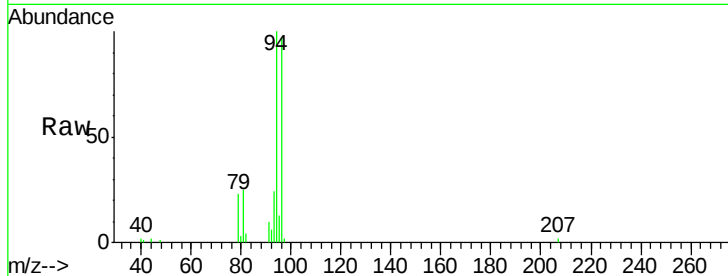
96 96.6 72.6 109.0

Manual Integrations

APPROVED

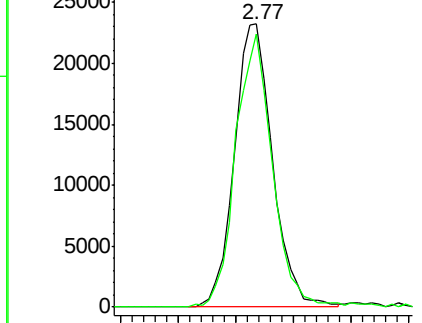
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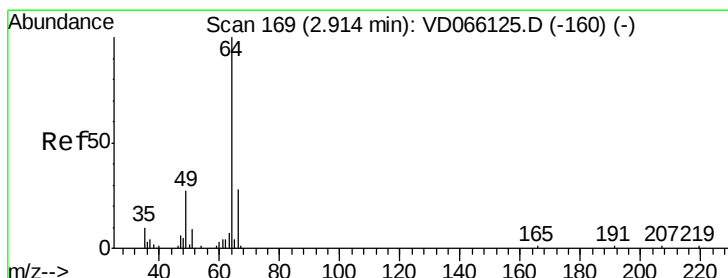
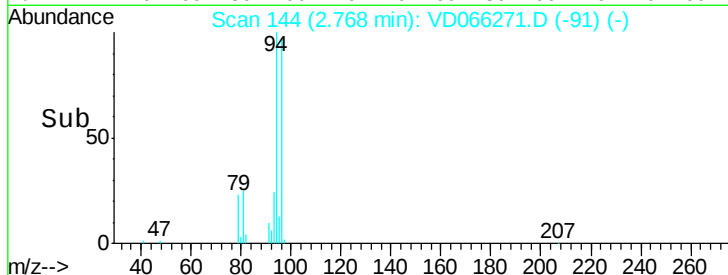


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 49.435 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066271.D

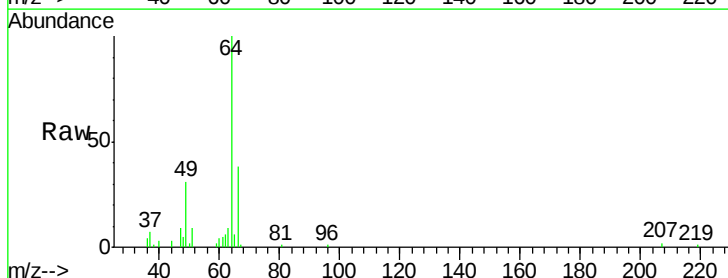
Acq: 18 Aug 2020 12:06

Tgt Ion: 64 Resp: 46533

Ion Ratio Lower Upper

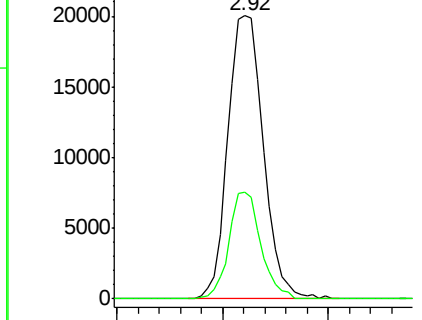
64 100

66 37.8 22.0 33.0#

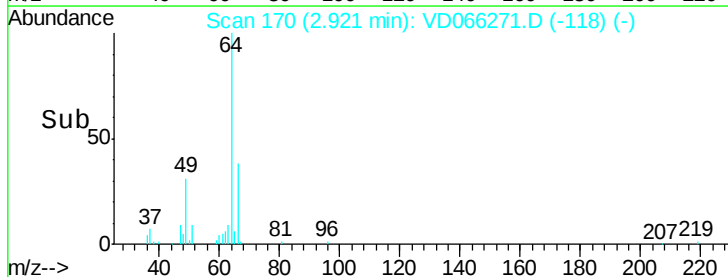


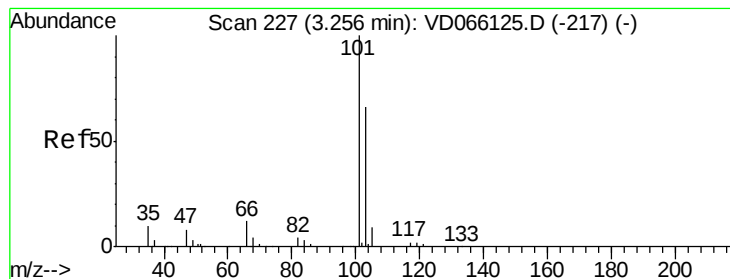
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

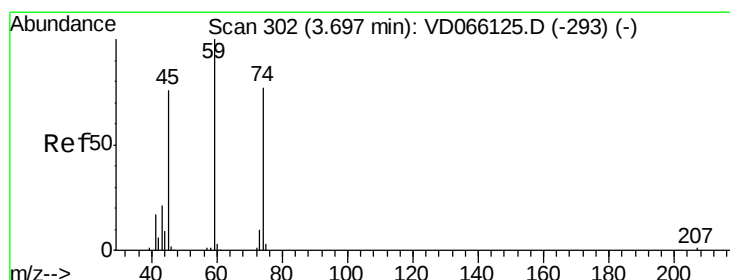
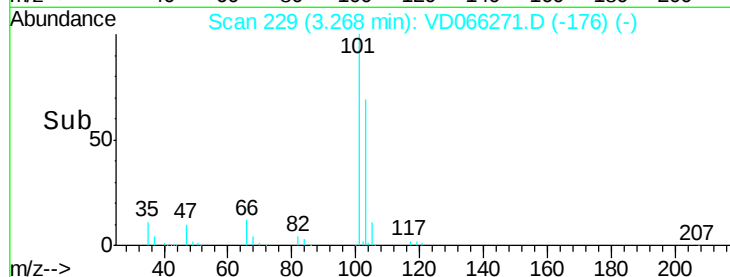
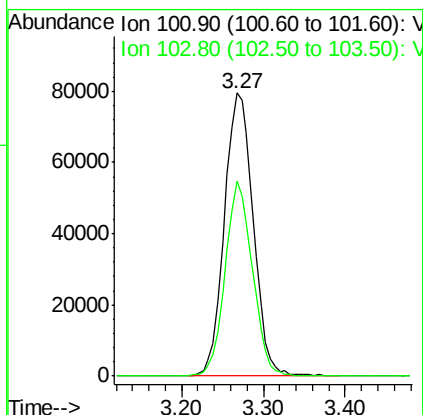
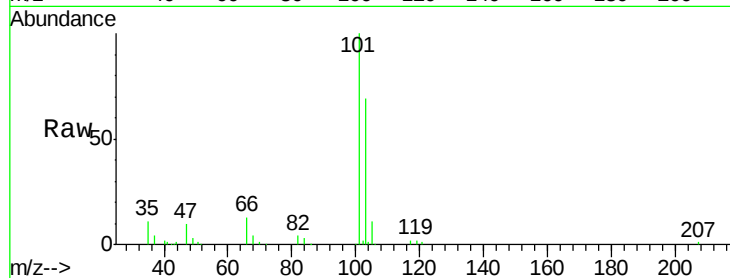
Trichlorofluoromethane
 Concen: 48.896 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	195475		
103	68.7	53.0	79.6	

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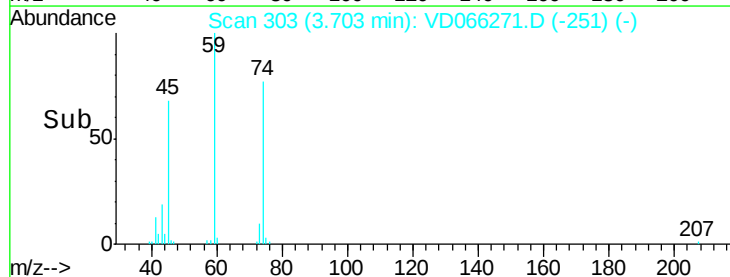
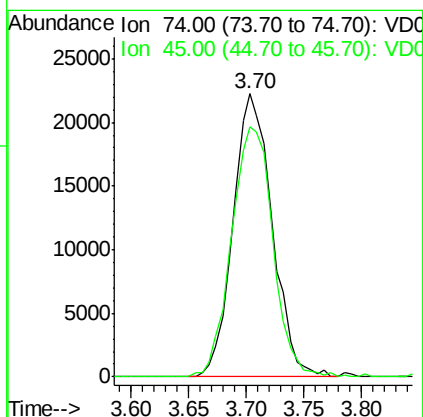
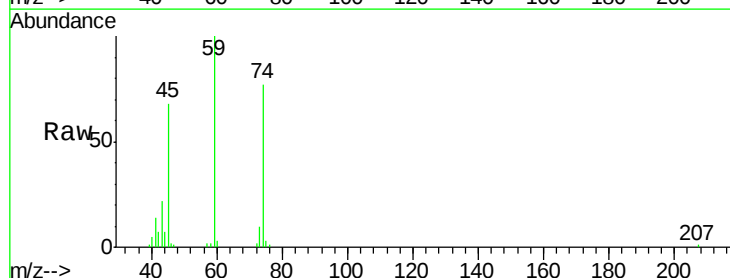
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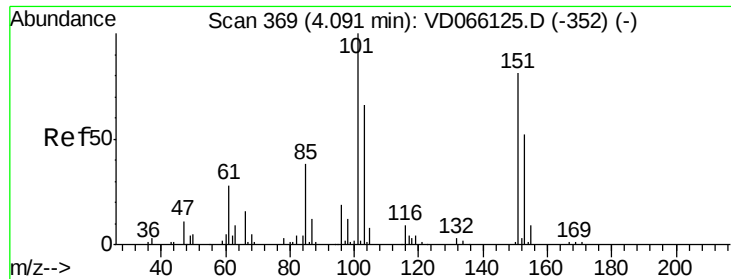


#8

Diethyl Ether
 Concen: 46.354 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	52289		
45	93.6	48.4	145.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.168 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

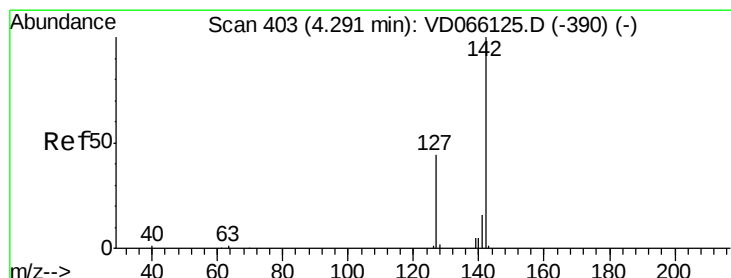
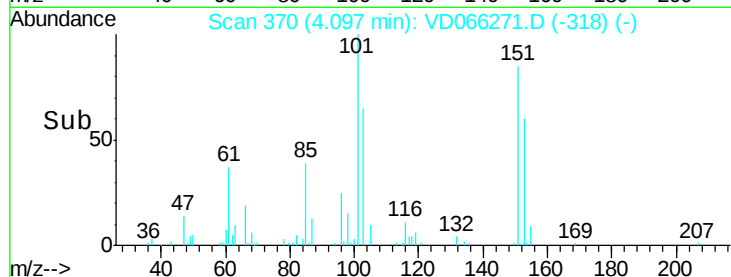
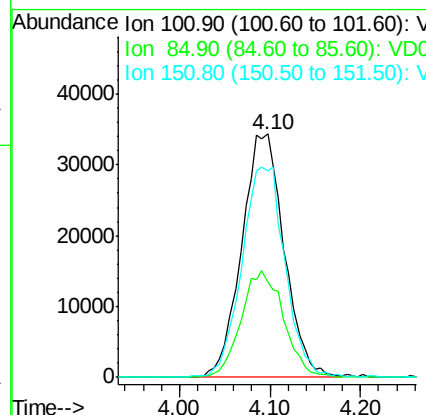
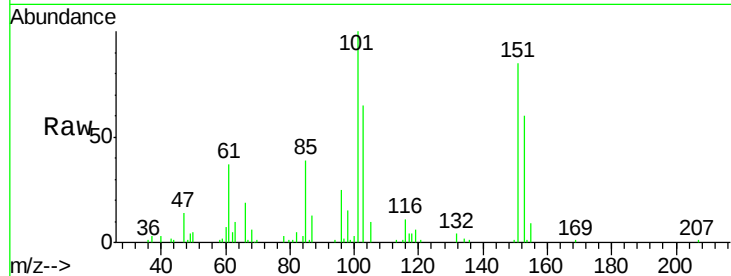
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	111910
Ion Ratio	Lower	Upper	
101	100		
85	43.7	33.5	50.3
151	88.2	67.8	101.8

Manual Integrations
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#10

Methyl Iodide

Concen: 50.348 ug/l

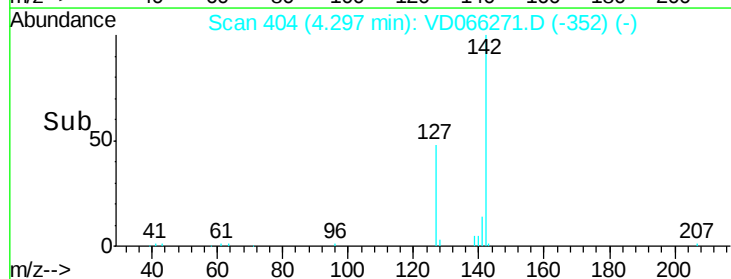
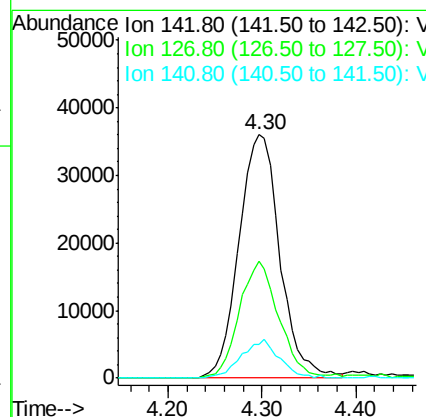
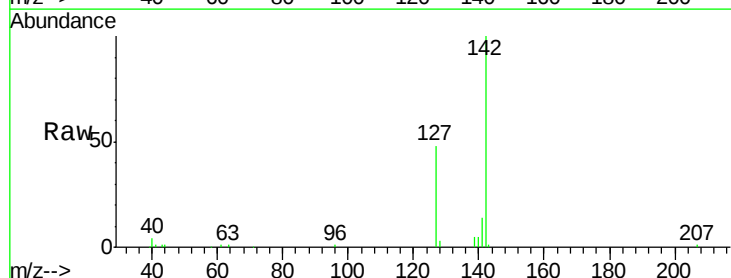
RT: 4.30 min Scan# 404

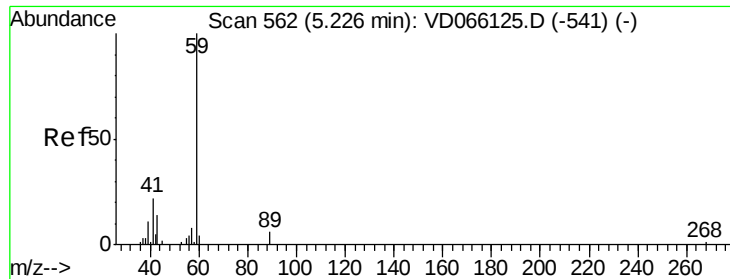
Delta R.T. 0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Tgt Ion:	142	Resp:	108870
Ion Ratio	Lower	Upper	
142	100		
127	46.3	36.2	54.4
141	14.8	12.6	18.8





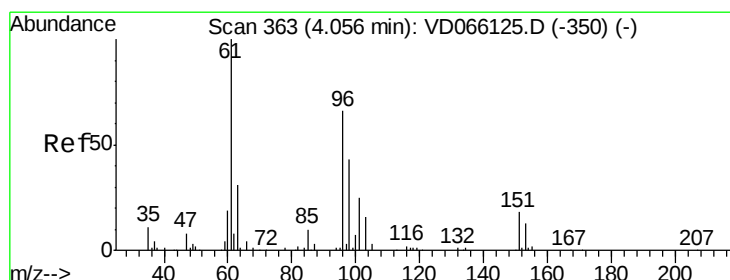
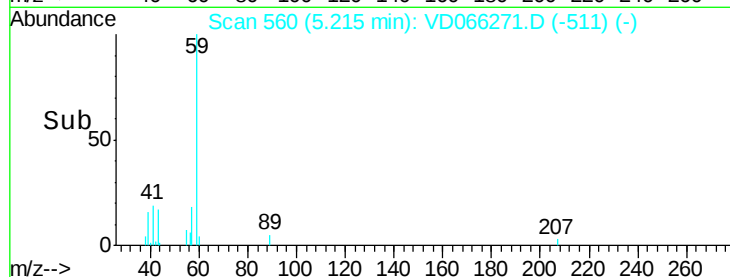
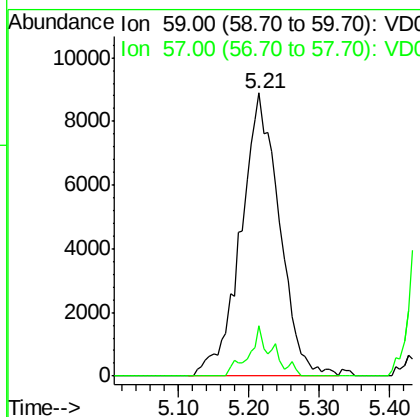
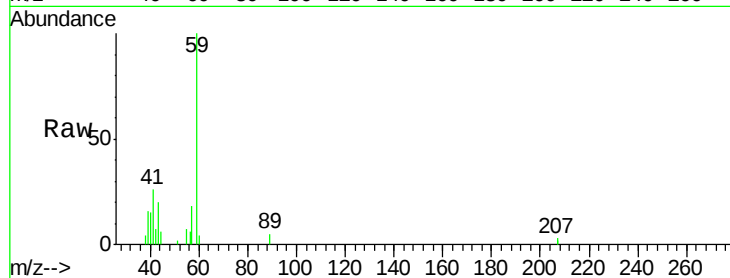
#11
Tert butyl alcohol
Concen: 192.558 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	33889
Ion Ratio	100	Lower	Upper
57	7.3	7.0	10.4

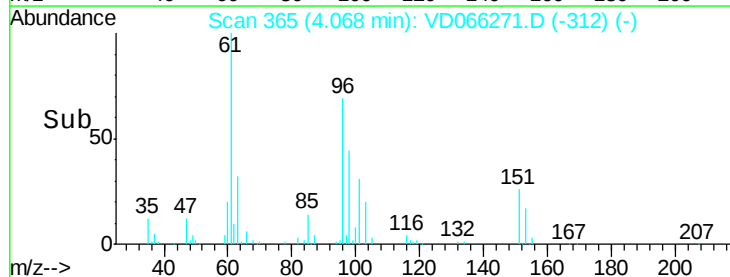
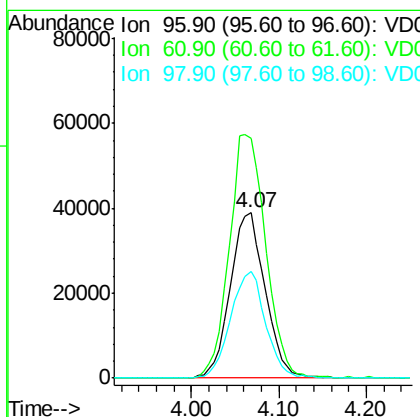
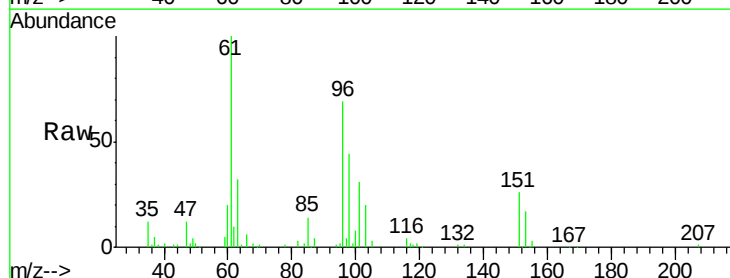
Manual Integrations
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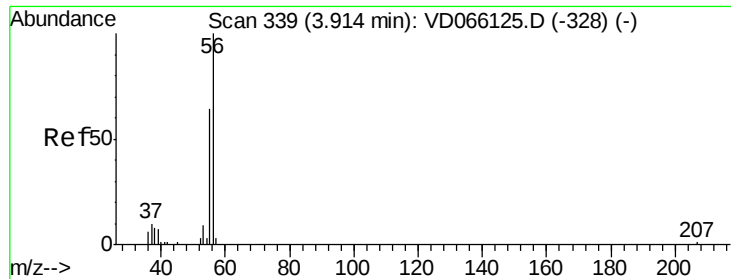
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.076 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	96	Resp	105364
Ion Ratio	100	Lower	Upper
61	145.2	121.6	182.4
98	64.5	52.0	78.0





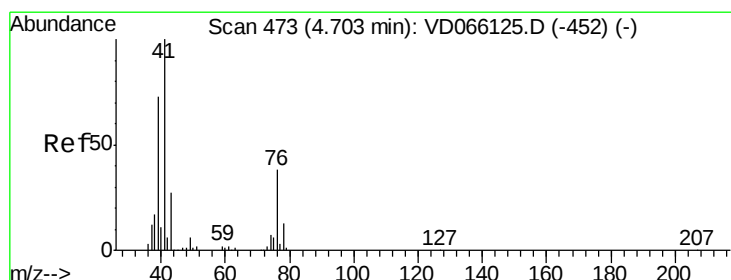
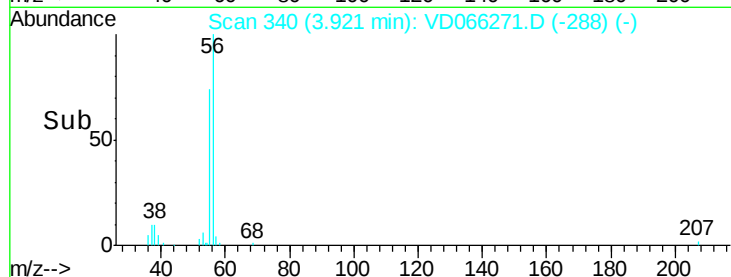
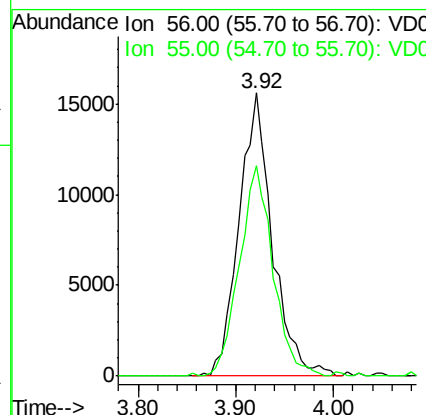
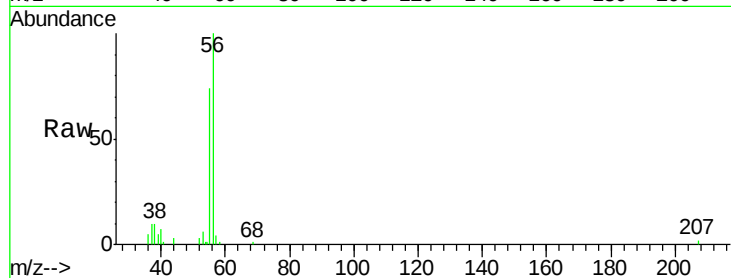
#13
Acrolein
Concen: 205.321 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	36849
Ion Ratio	100	Lower	Upper
55	75.0	56.7	85.1

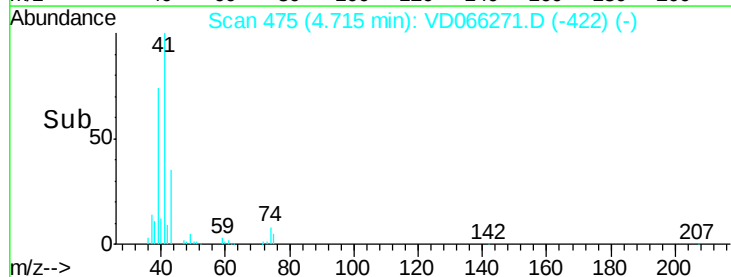
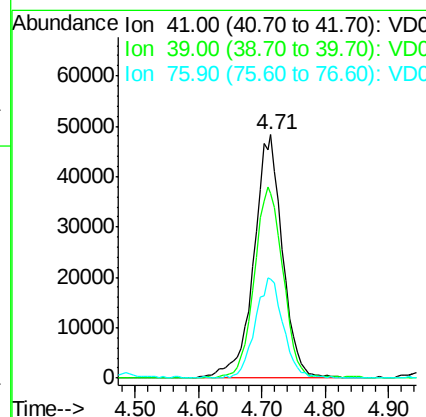
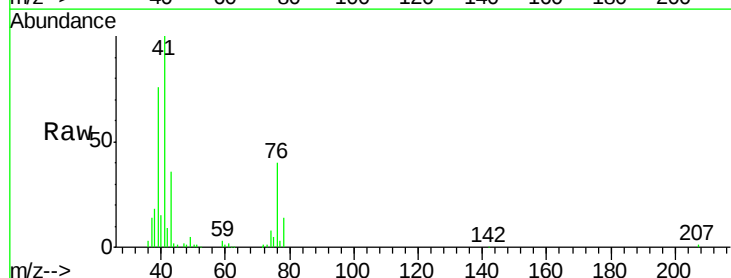
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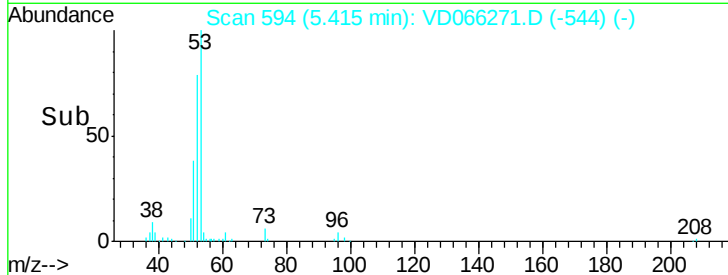
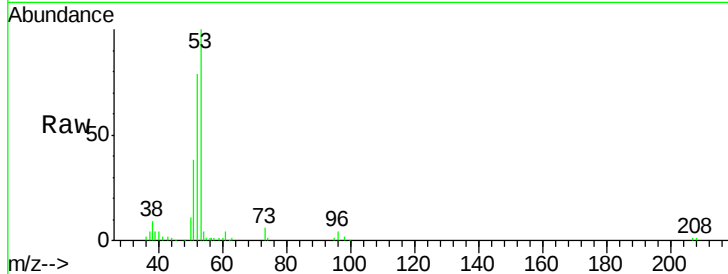
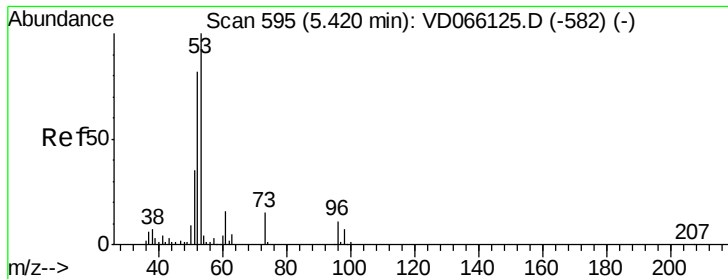
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#14
Allyl chloride
Concen: 45.074 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	41	Resp	152836
Ion Ratio	100	Lower	Upper
39	78.5	57.4	86.0
76	40.1	30.1	45.1





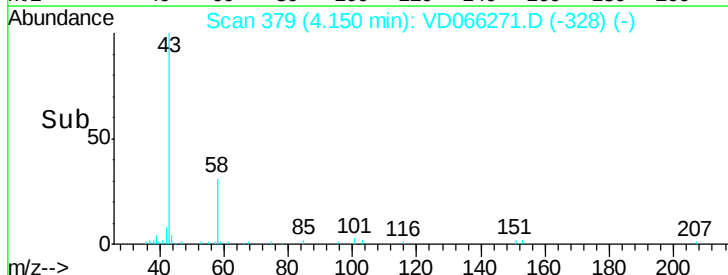
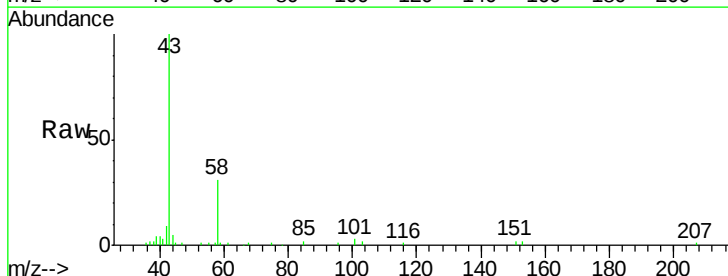
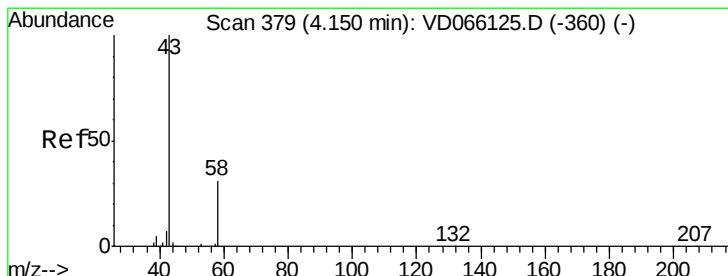
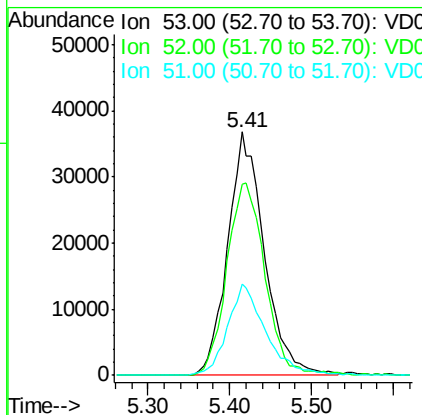
#15
Acrylonitrile
Concen: 240.414 ug/l
RT: 5.41 min Scan# 594
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tot Ion	Ratio	Resp	Lower	Upper
53	100	114280		
52	82.8		66.1	99.1
51	38.8		30.8	46.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

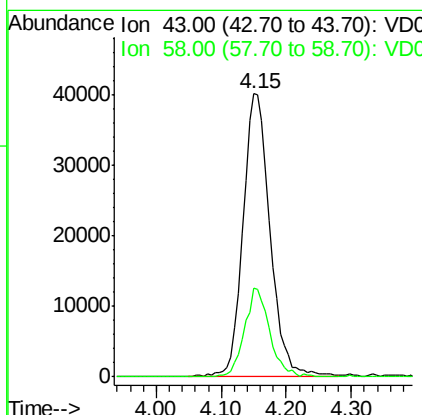
Manual Integrations
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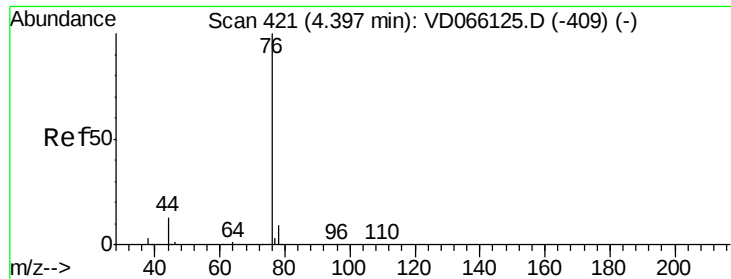
MMDadoda
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#16
Acetone
Concen: 271.838 ug/l
RT: 4.15 min Scan# 379
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	116296		
58	31.2		24.7	37.1





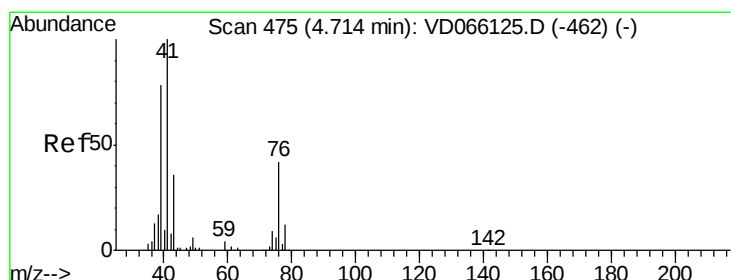
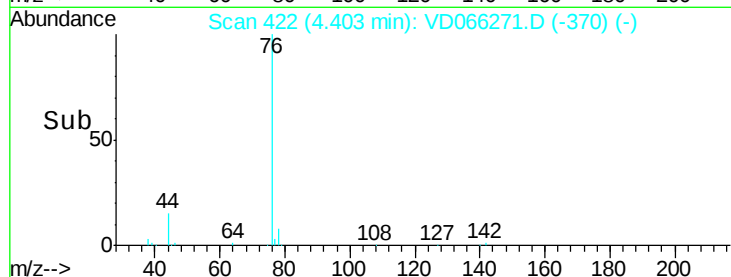
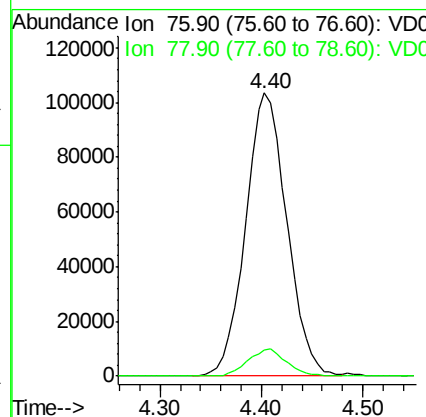
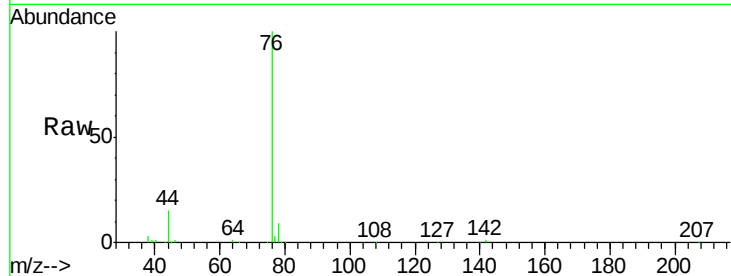
#17
Carbon Disulfide
Concen: 40.968 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
76	100	291545		
78	9.0		7.5	11.3

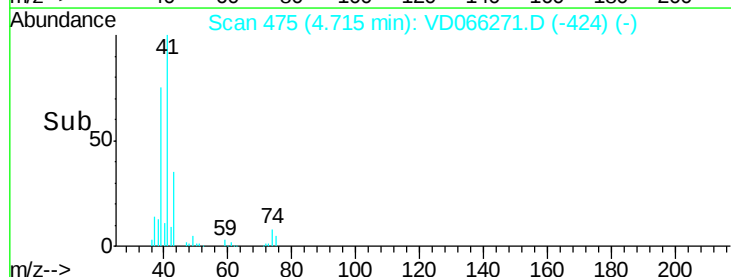
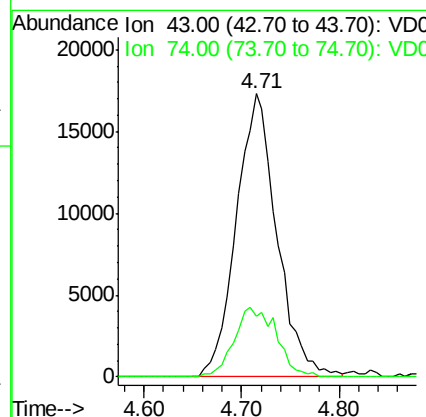
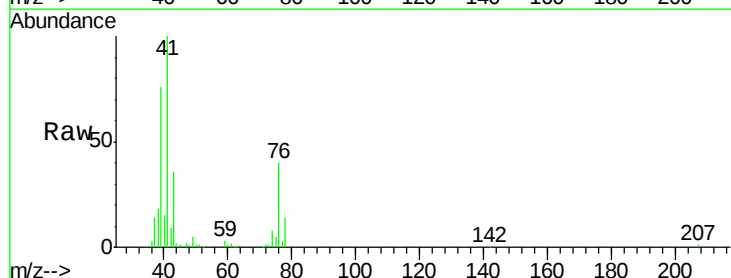
Manual Integrations
APPROVED

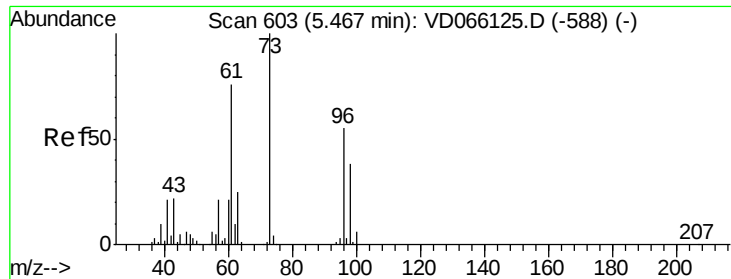
MMDadoda
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#18
Methyl Acetate
Concen: 46.114 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	50110		
74	25.7		21.2	31.8





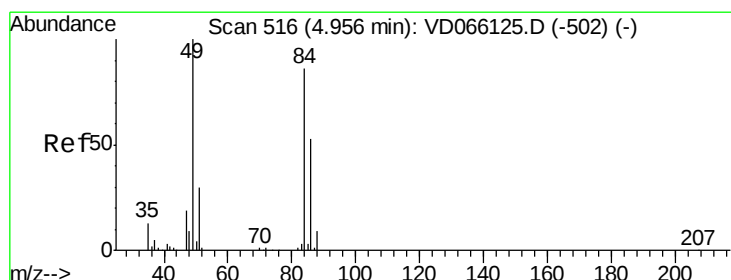
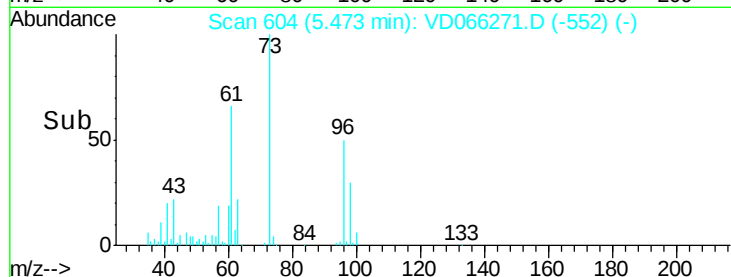
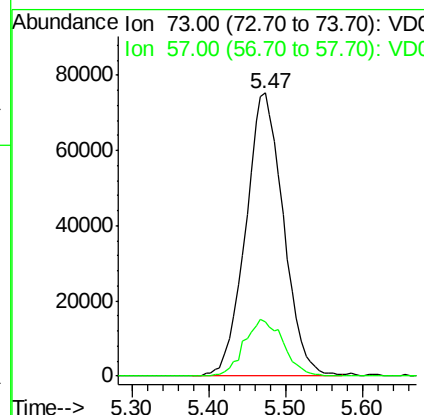
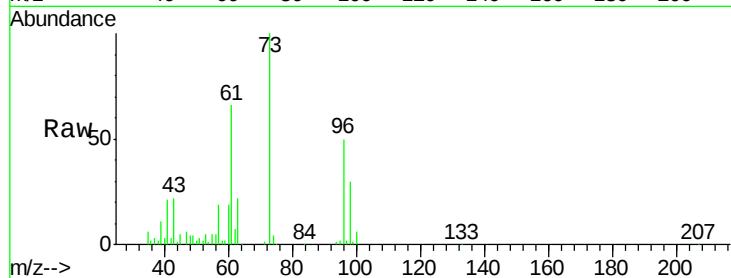
#19
Methvl tert-butvl Ether
Concen: 50.373 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 258415
Ion Ratio Lower Upper
73 100
57 19.4 17.1 25.7

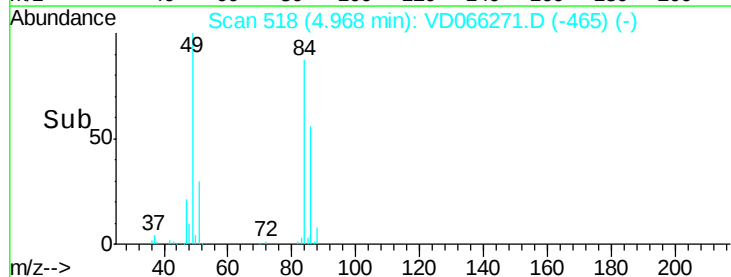
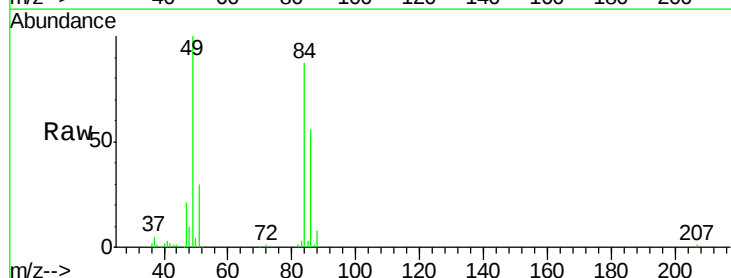
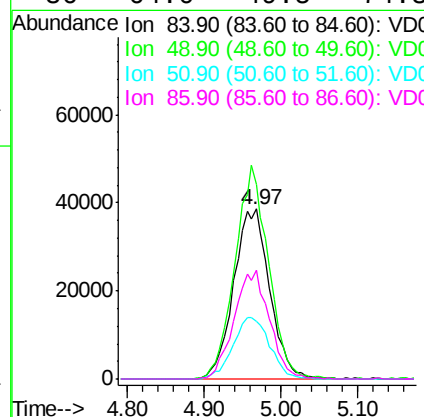
Manual Integrations
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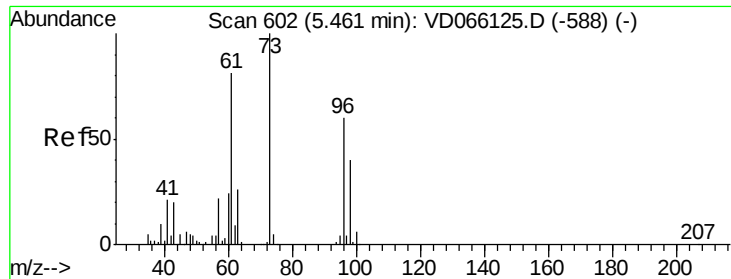
MMDadoda
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#20
Methylene Chloride
Concen: 51.570 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 84 Resp: 126344
Ion Ratio Lower Upper
84 100
49 114.5 93.5 140.3
51 33.9 28.2 42.4
86 64.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 46.418 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

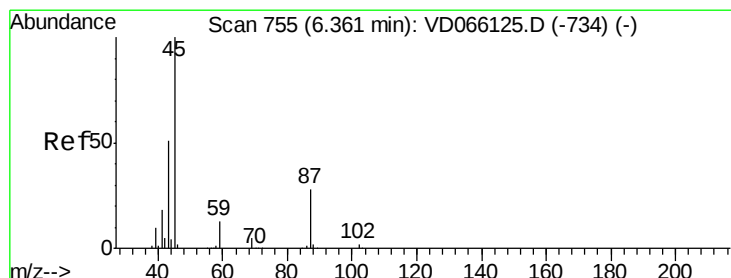
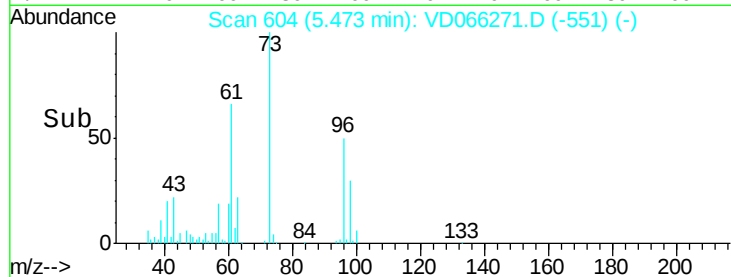
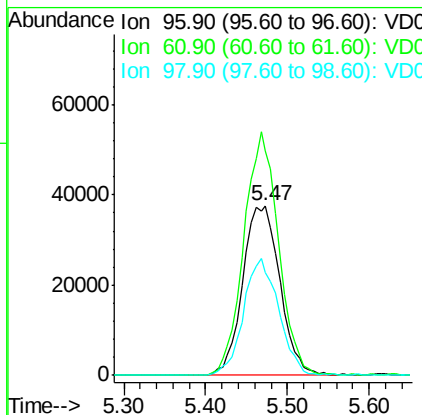
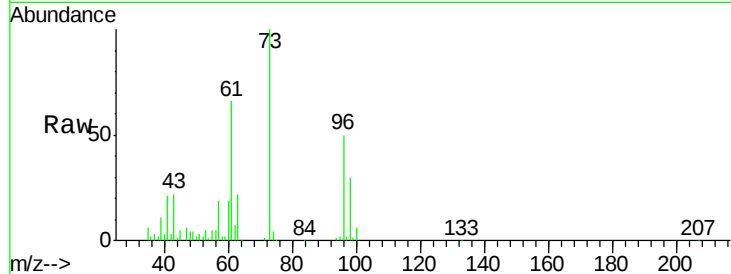
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	119347
Ion	Ratio	Lower	Upper
96	100		
61	132.3	106.9	160.3
98	61.0	53.4	80.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.360 ug/l

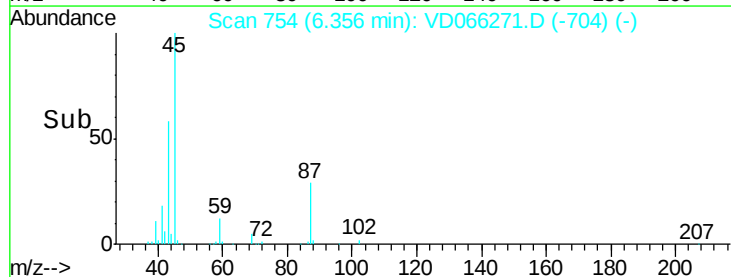
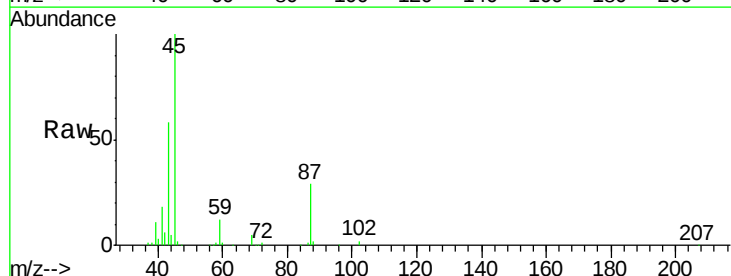
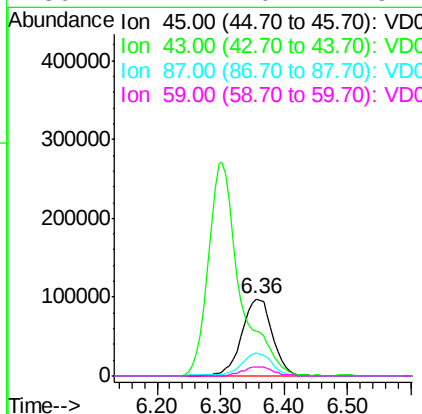
RT: 6.36 min Scan# 754

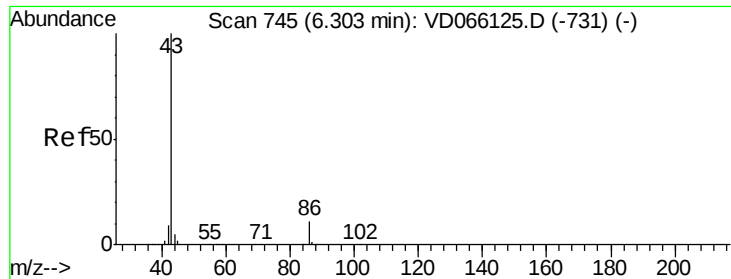
Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Tgt Ion:	45	Resp:	330976
Ion	Ratio	Lower	Upper
45	100		
43	57.2	41.2	61.8
87	29.3	22.8	34.2
59	12.1	10.2	15.2





#23

Vinyl Acetate

Concen: 240.374 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 944251

Ion Ratio Lower Upper

43 100

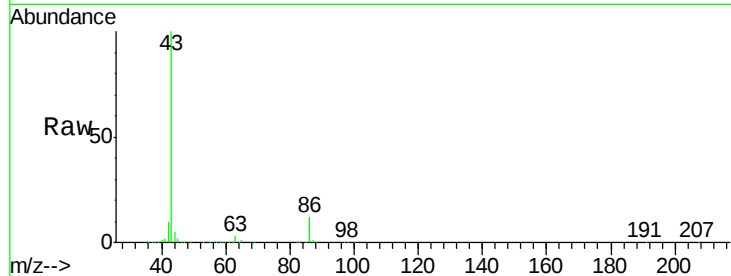
86 12.1 9.1 13.7

Manual Integrations

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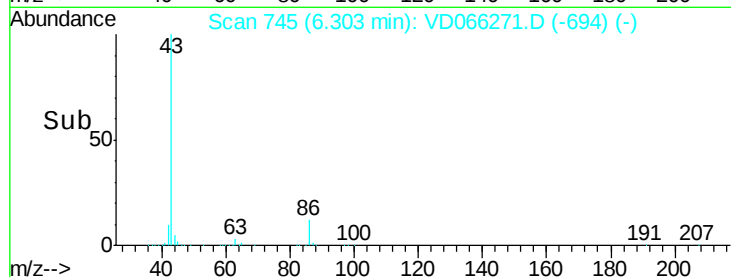
MMDadoda

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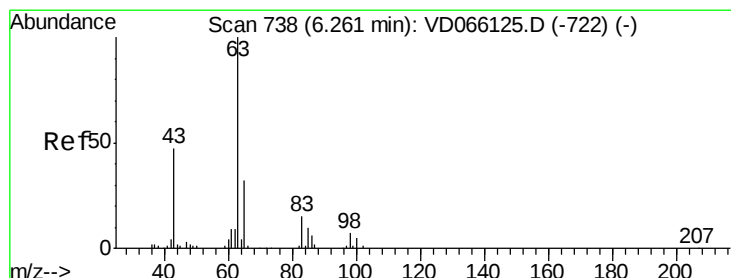


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 48.971 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

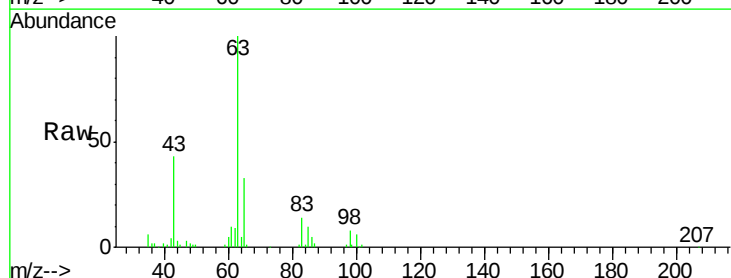
Tgt Ion: 63 Resp: 203214

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

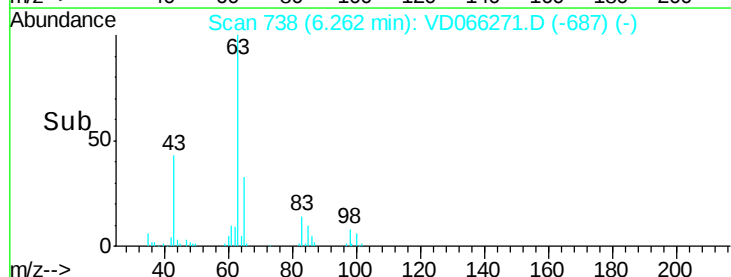
100 5.6 2.4 7.2



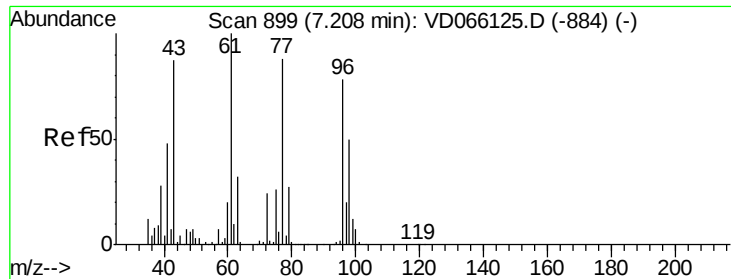
Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->



#25

2-Butanone

Concen: 228.342 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 143681

Ion Ratio Lower Upper

43 100

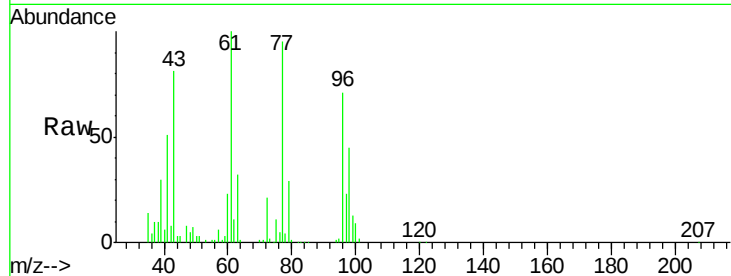
72 25.6 22.2 33.2

Manual Integrations

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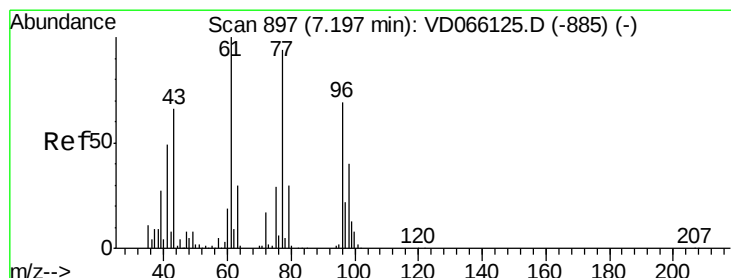
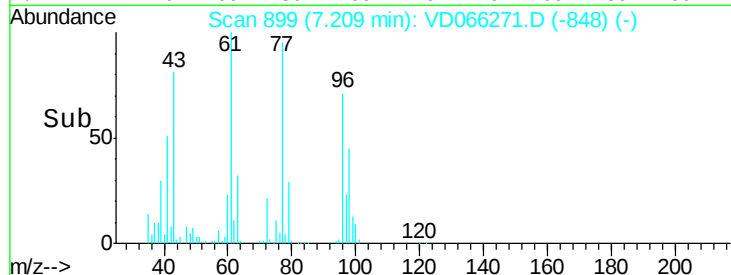
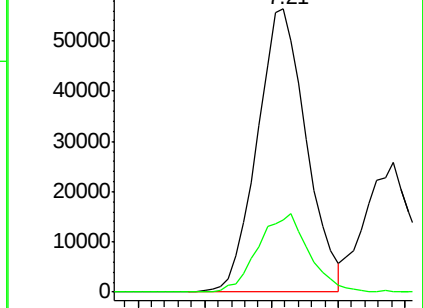
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 52.031 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066271.D

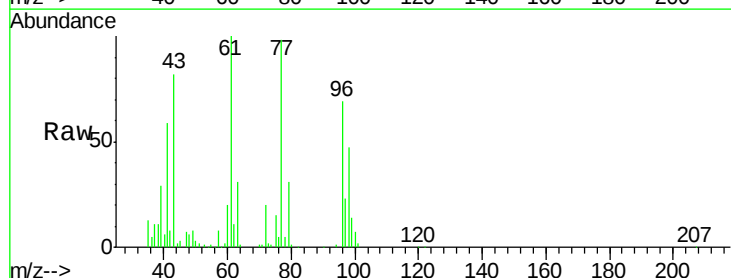
Acq: 18 Aug 2020 12:06

Tgt Ion: 77 Resp: 193516

Ion Ratio Lower Upper

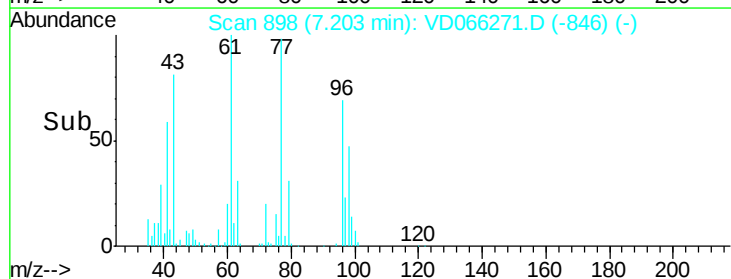
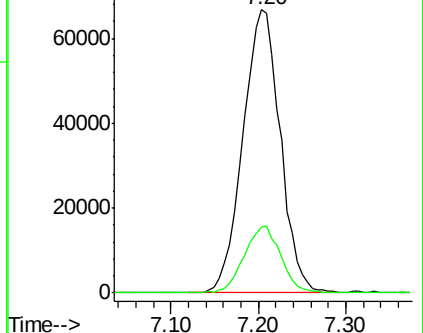
77 100

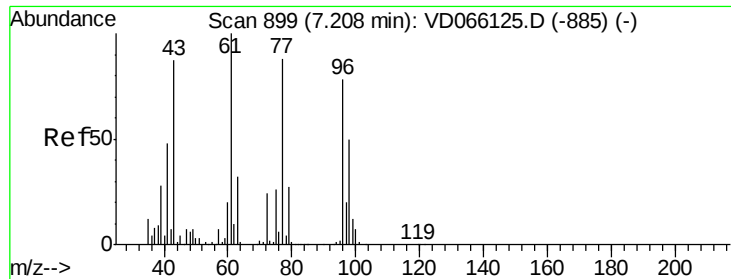
97 23.0 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

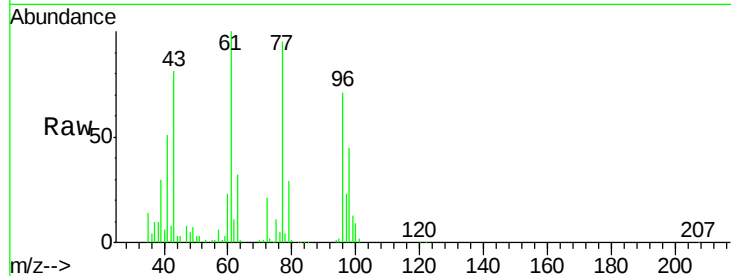
cis-1,2-Dichloroethene
Concen: 49.740 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

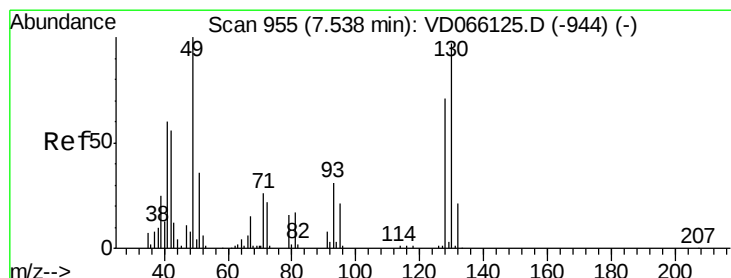
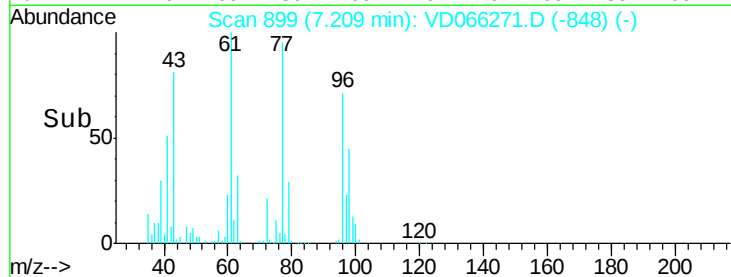
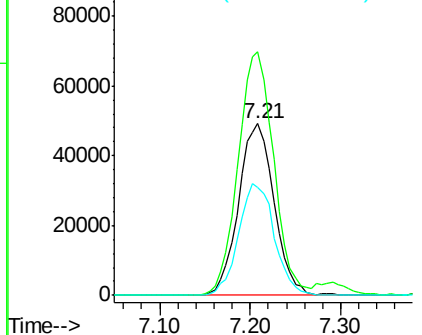
Tot Ion	Ratio	Resp	Lower	Upper
96	100	134141		
61	142.0	0.0	281.6	
98	65.4	0.0	130.8	

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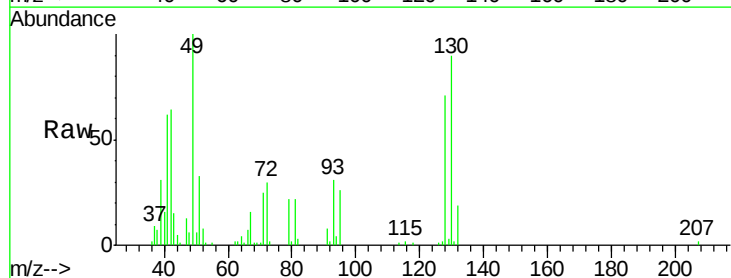
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



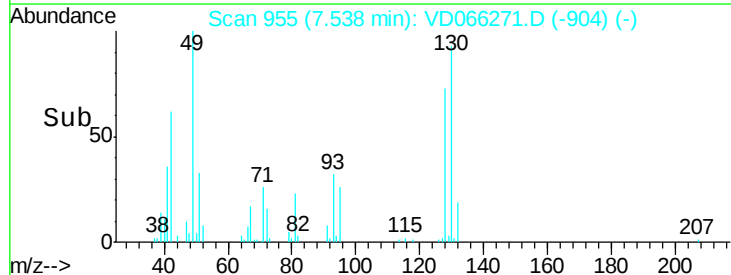
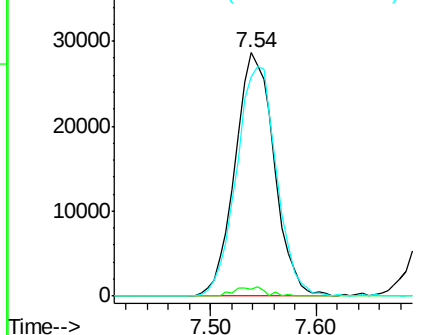
#28

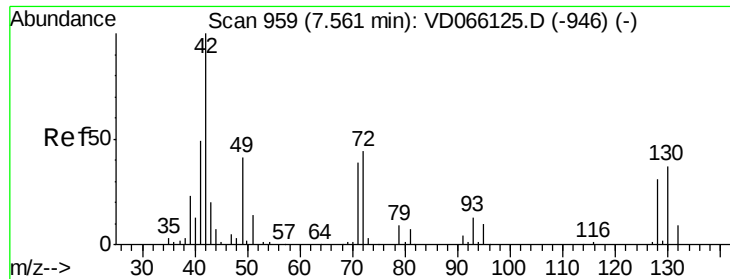
Bromochloromethane
Concen: 50.480 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	73574		
129	2.9	0.0	6.0	
130	96.8	73.8	110.6	



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





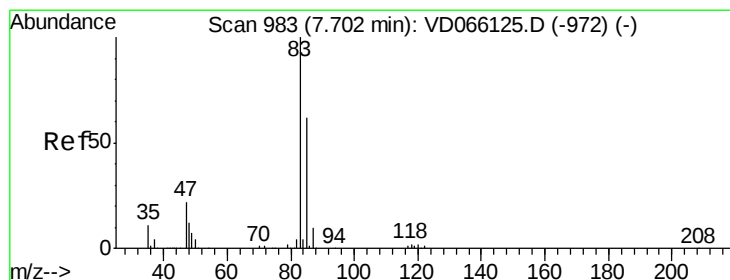
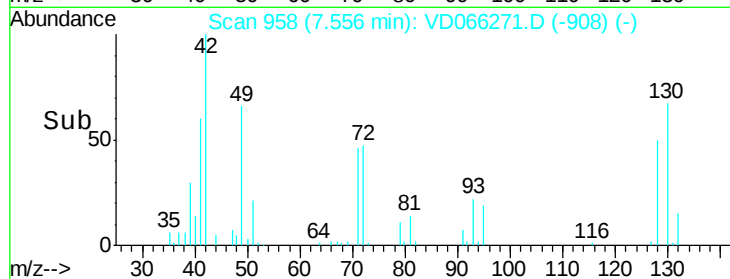
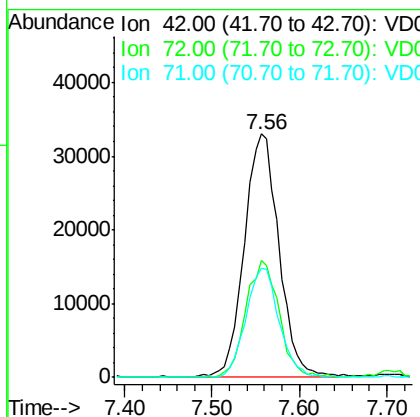
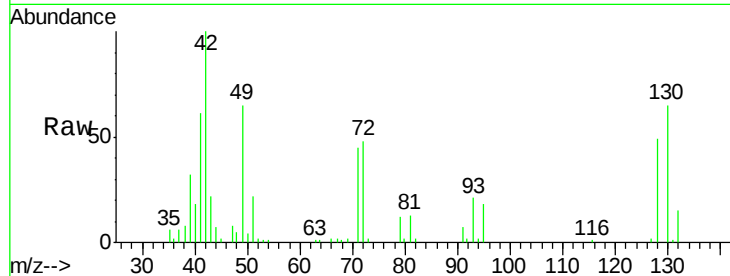
#29
Tetrahydrofuran
Concen: 228.156 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	34.8	52.2
71	42.8	33.5	50.3

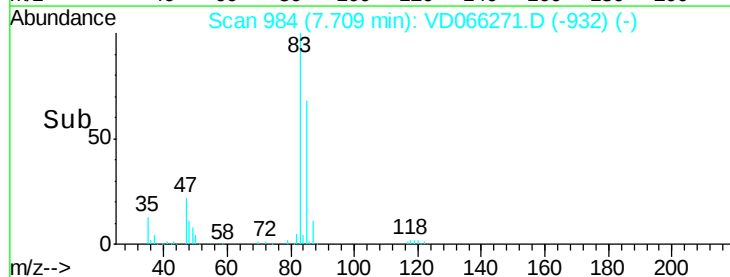
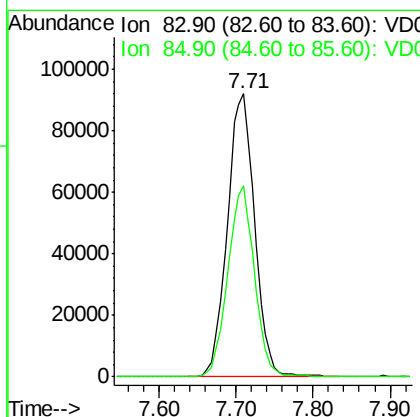
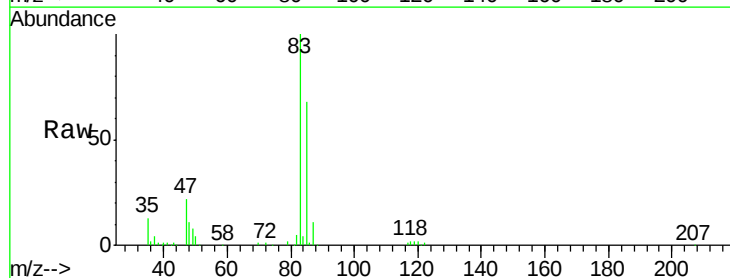
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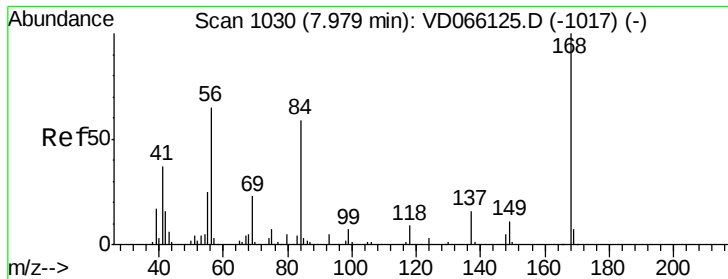
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#30
Chloroform
Concen: 52.358 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	49.5	74.3





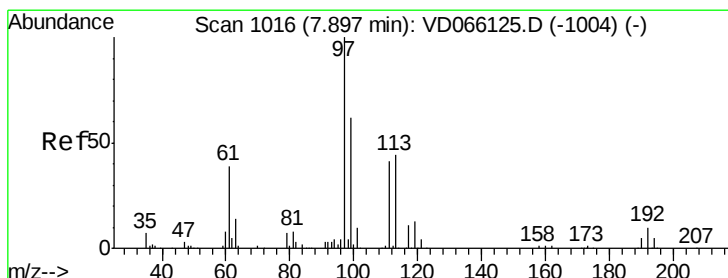
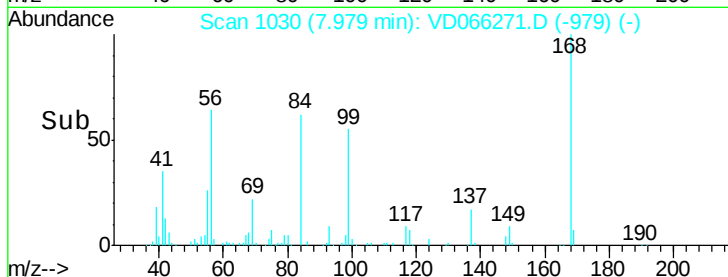
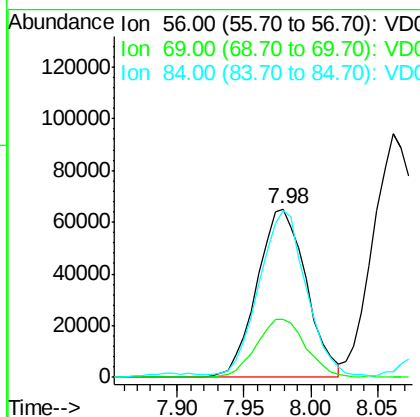
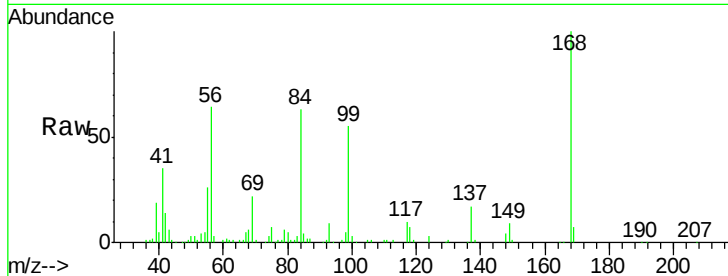
#31
Cyclohexane
Concen: 42.169 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.6	28.8	43.2
84	96.5	73.0	109.6

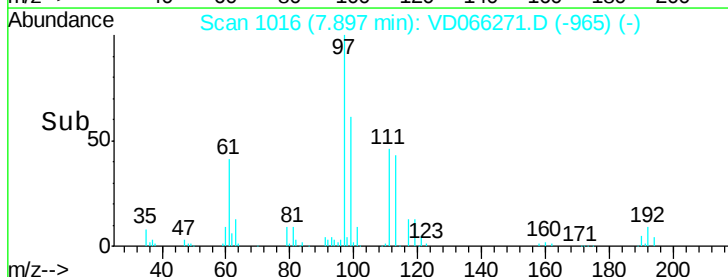
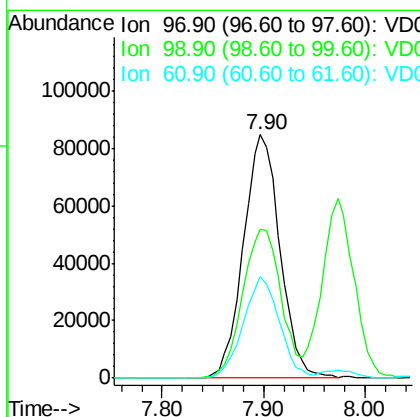
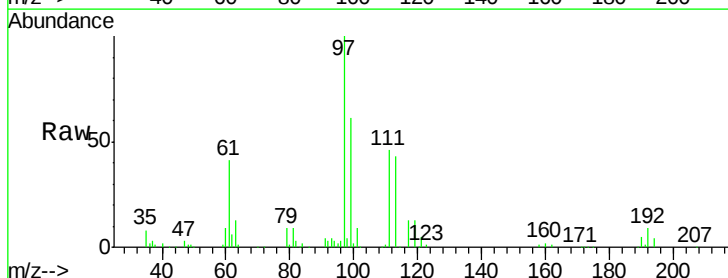
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#32
1,1,1-Trichloroethane
Concen: 51.917 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.1	76.7
61	41.1	32.7	49.1





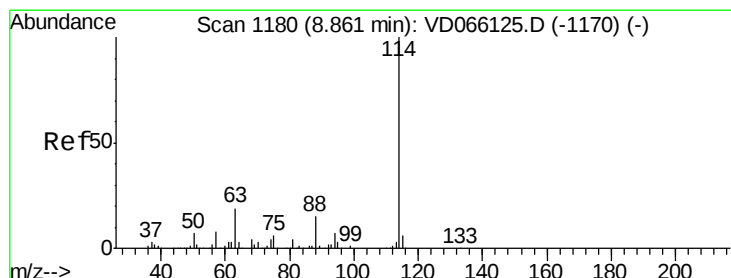
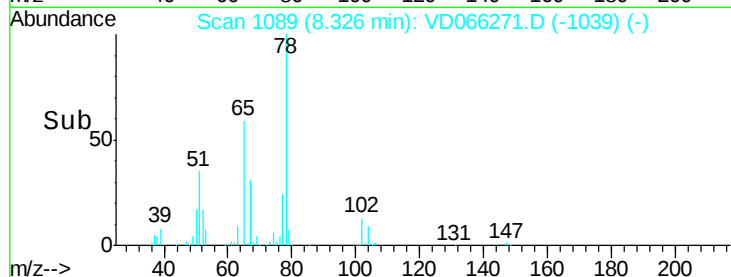
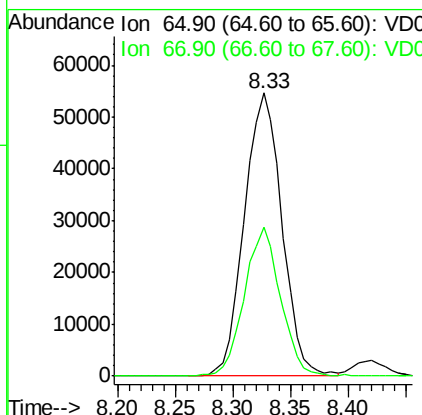
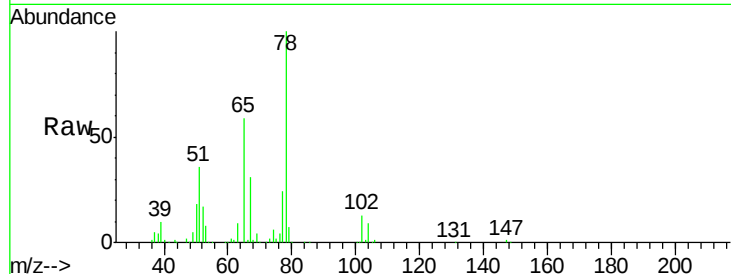
#33
 1,2-Dichloroethane-d4
 Concen: 54.935 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	123863		
67	50.6	0.0	104.6	

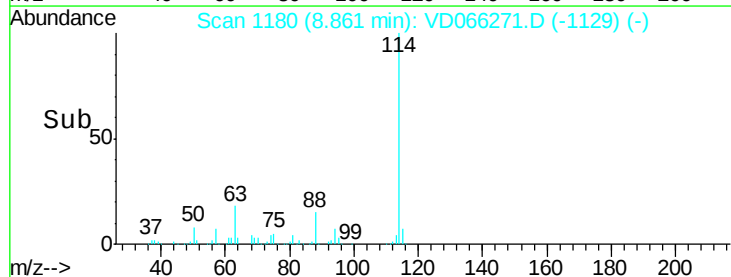
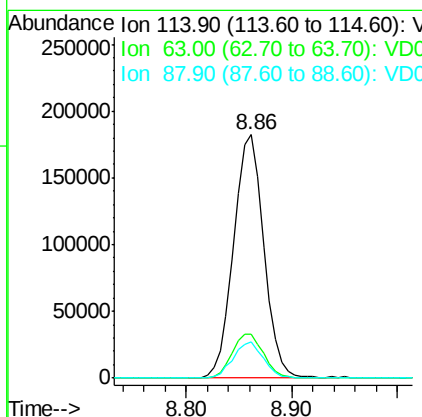
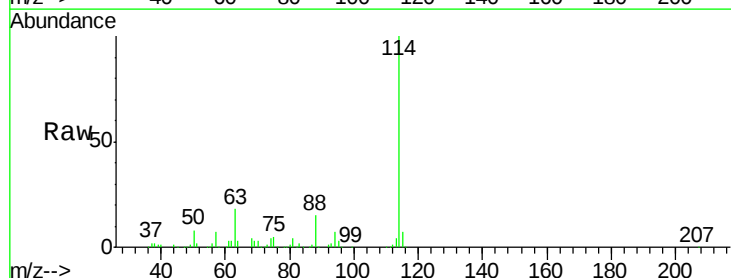
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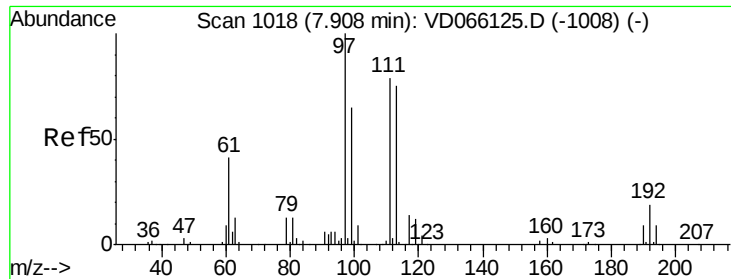
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	362093		
63	18.2	0.0	38.6	
88	15.0	0.0	30.0	





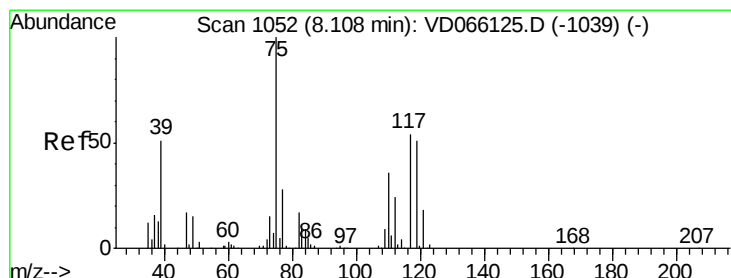
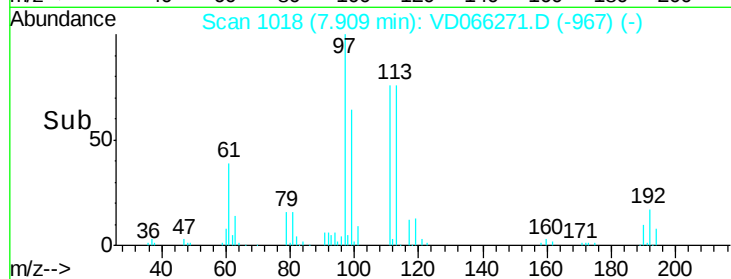
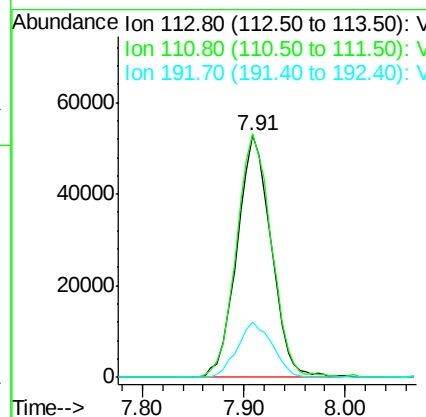
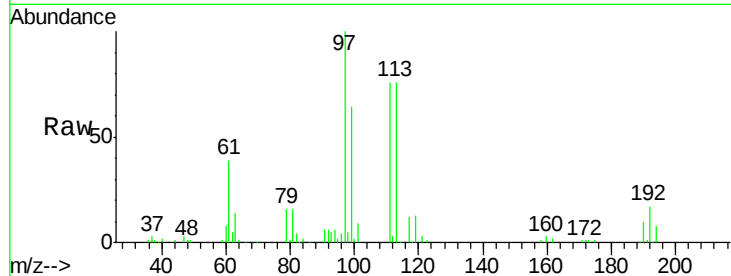
#35
 Dibromofluoromethane
 Concen: 53.881 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	123594		
111	103.2	80.7	121.1	
192	23.3	18.4	27.6	

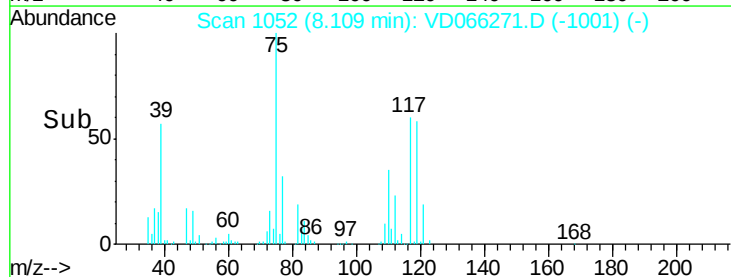
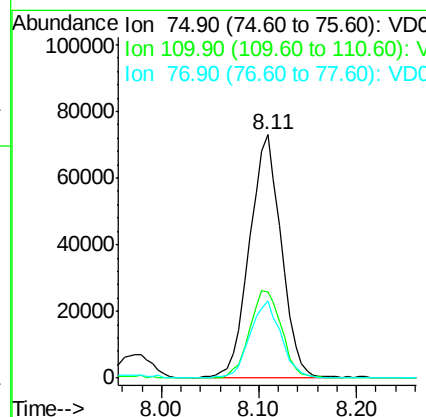
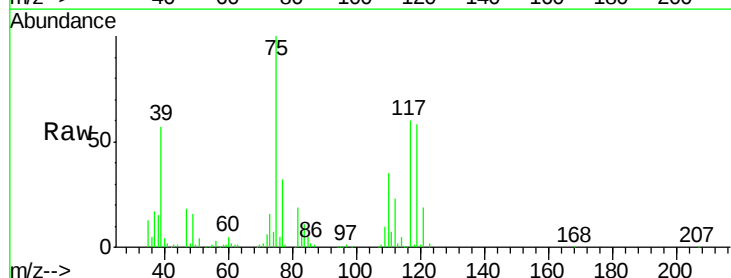
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#36
 1,1-Dichloropropene
 Concen: 48.952 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	166561		
110	36.2	18.8	56.3	
77	31.1	24.2	36.2	





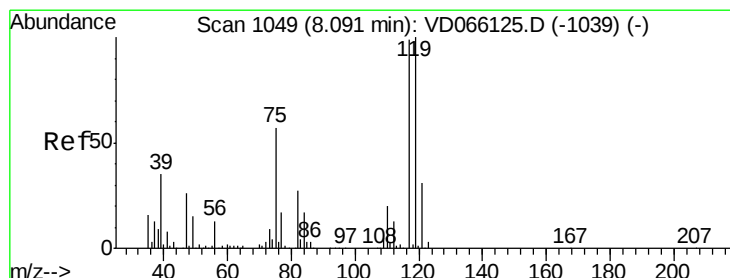
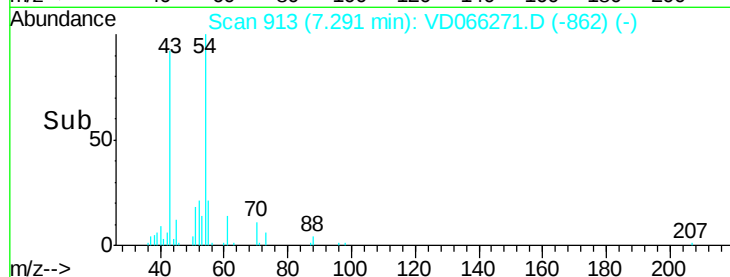
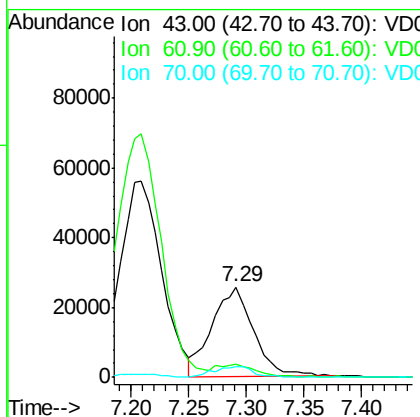
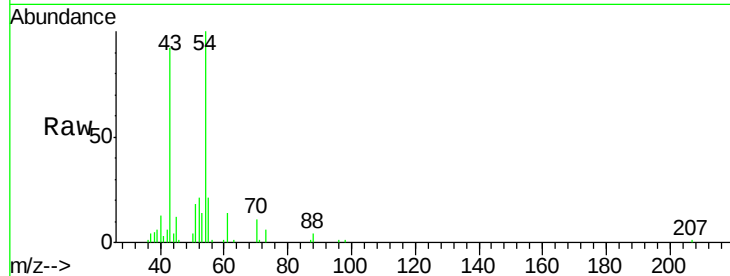
#37
Ethyl Acetate
Concen: 47.845 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.0	18.0
70	12.0	9.7	14.5

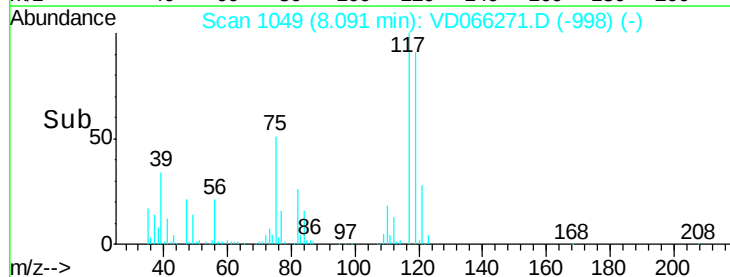
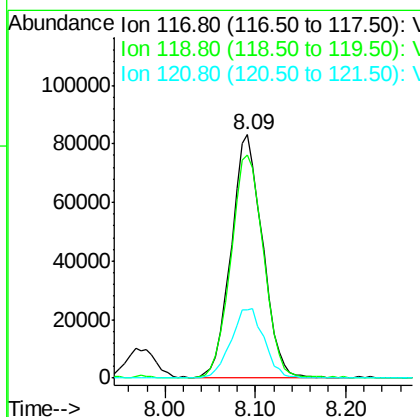
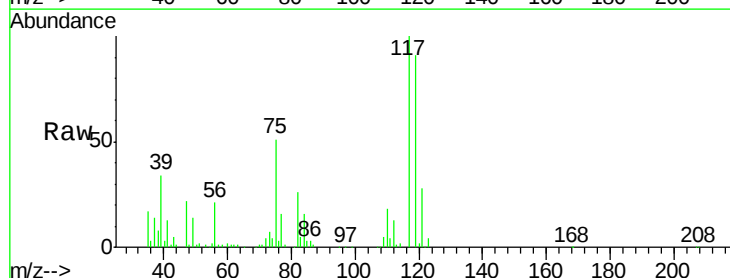
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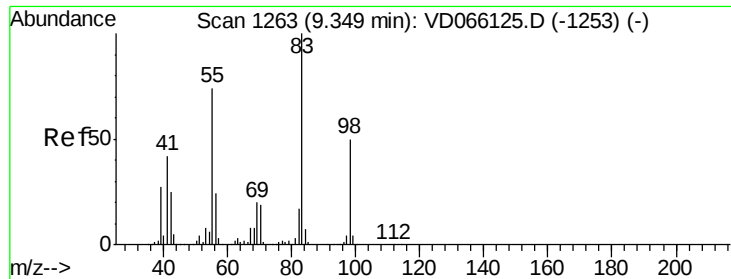
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#38
Carbon Tetrachloride
Concen: 52.595 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	81.0	121.4
121	28.0	24.8	37.2





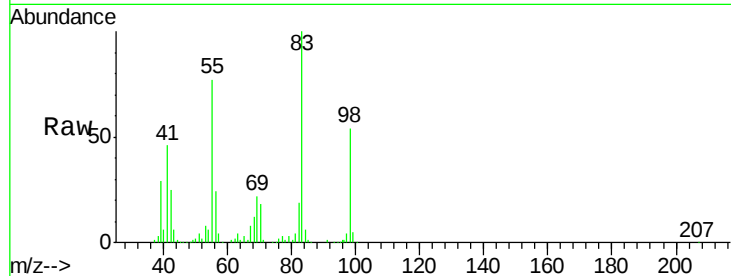
#39
Methvlcvclohexane
Concen: 46.336 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	190588		
55	76.6		59.2	88.8
98	54.1		39.8	59.6

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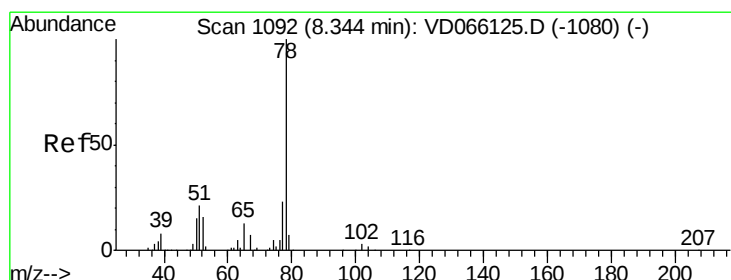
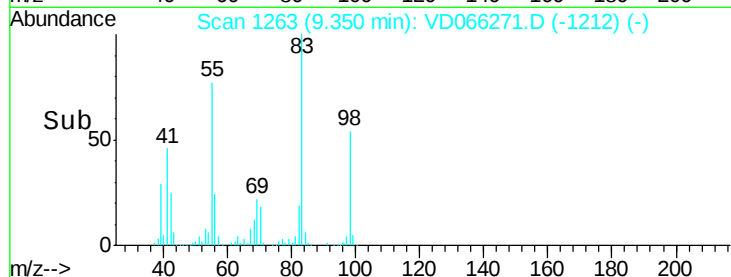
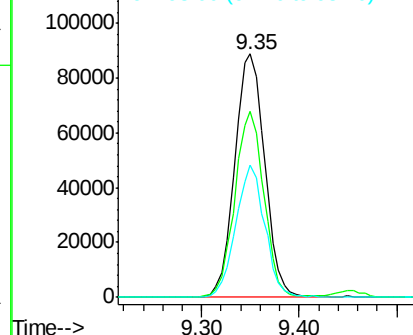


Abundance

Ion 83.00 (82.70 to 83.70): VDC

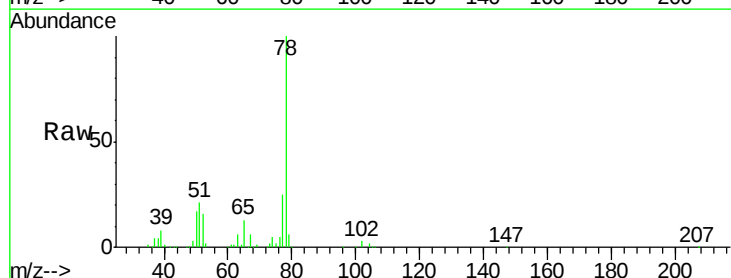
Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC



#40
Benzene
Concen: 49.015 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

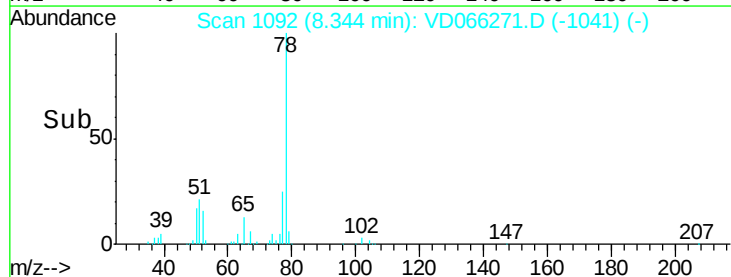
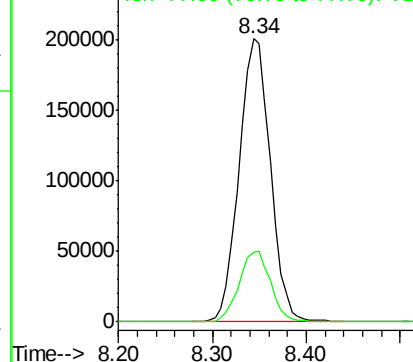
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	462657		
77	24.8		18.6	27.8

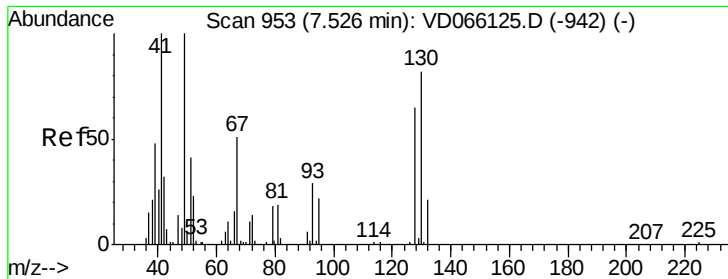


Abundance

Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC





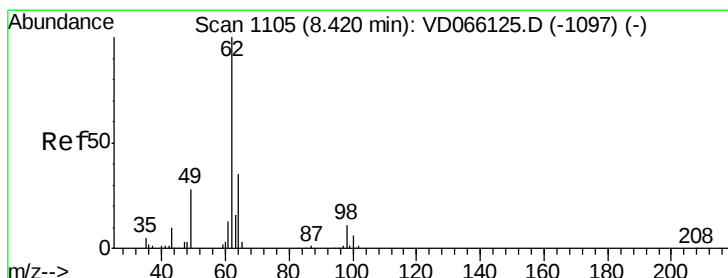
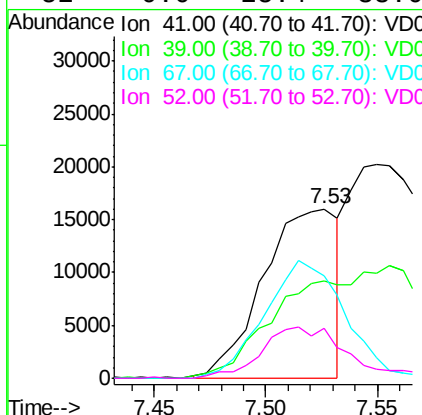
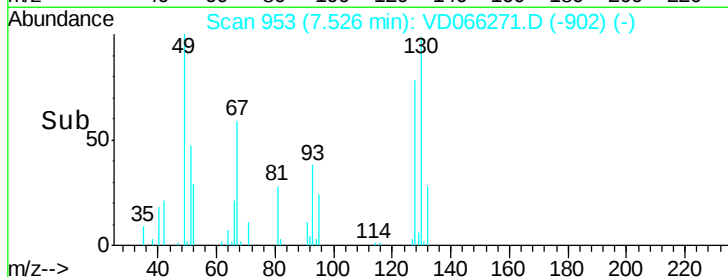
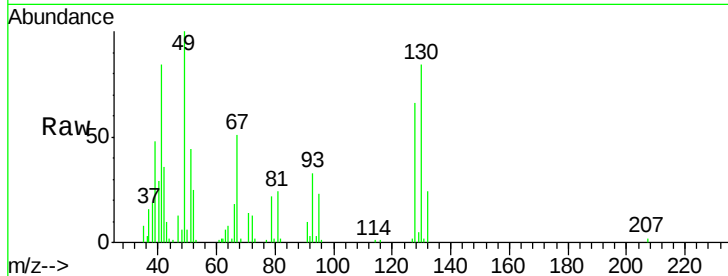
#41
Methacrylonitrile
Concen: 47.529 ug/l m
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	127.0	47.5	71.3#
67	0.0	59.1	88.7#
52	0.0	25.4	38.0#

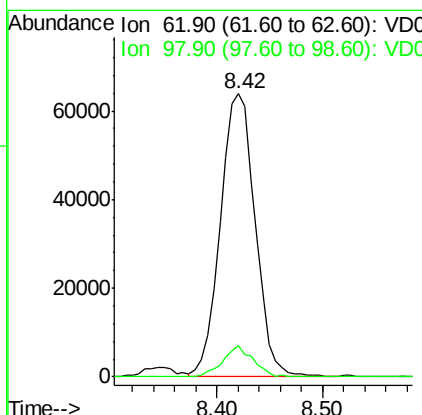
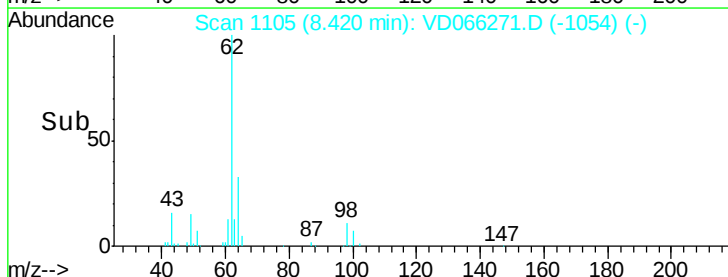
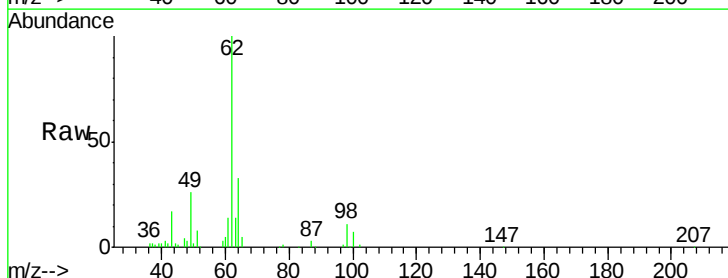
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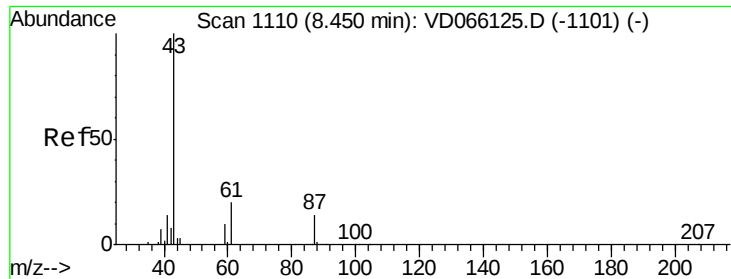
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#42
1,2-Dichloroethane
Concen: 52.257 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.4





#43

Isopropyl Acetate

Concen: 46.906 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

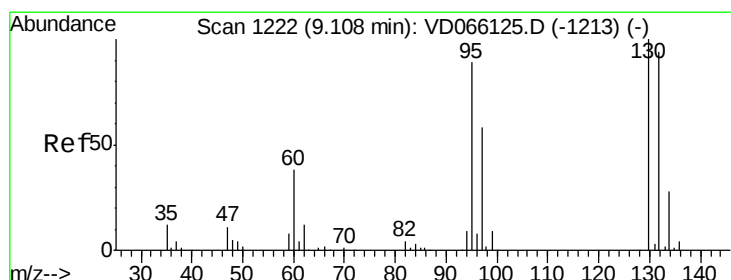
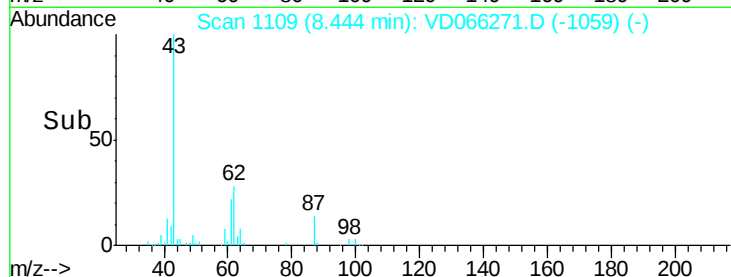
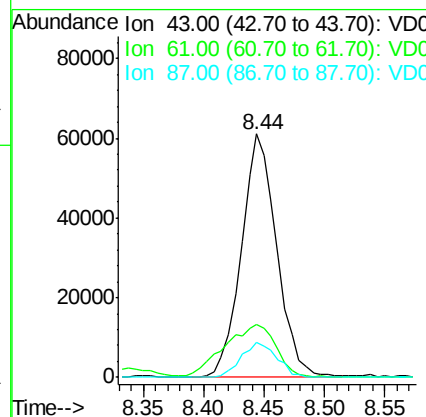
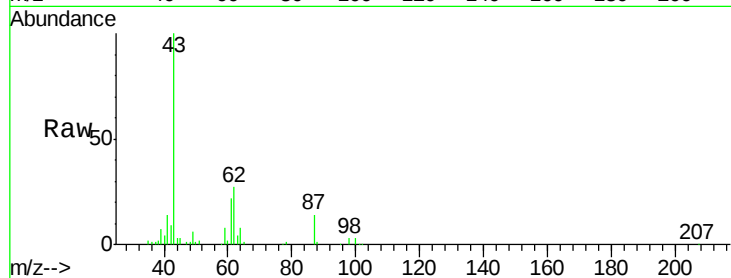
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	124594
Ion	Ratio	Lower	Upper
43	100		
61	32.1	25.5	38.3
87	14.4	11.2	16.8

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#44

Trichloroethene

Concen: 49.889 ug/l

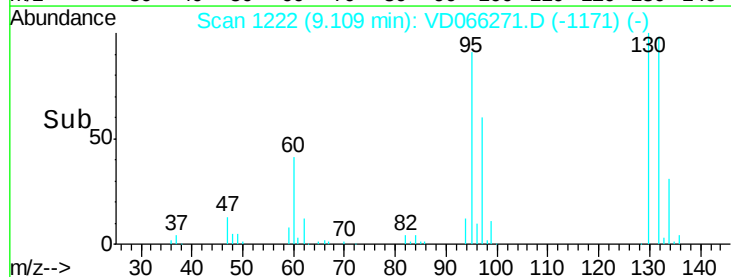
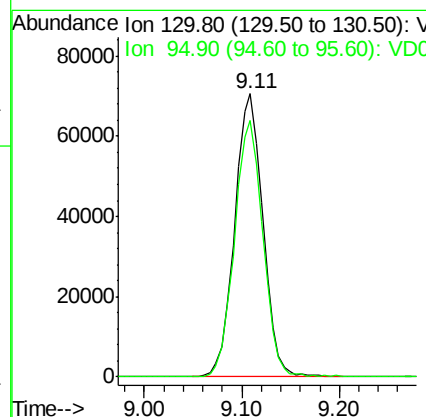
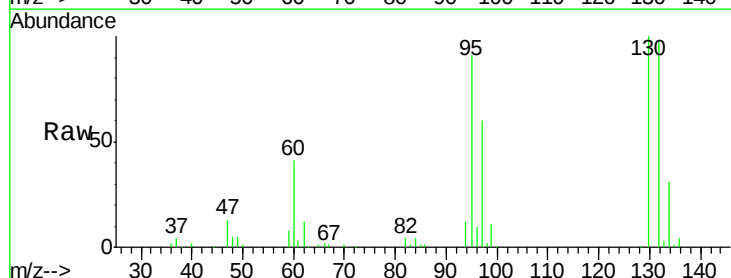
RT: 9.11 min Scan# 1222

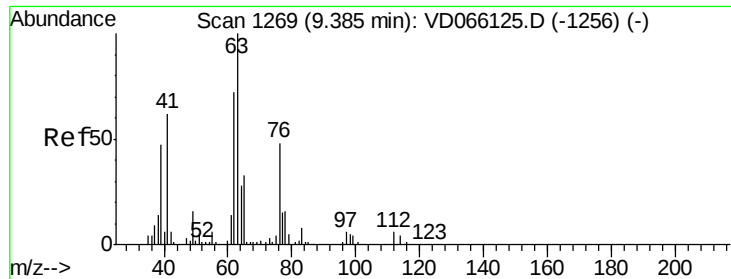
Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Tgt Ion:	130	Resp:	141900
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	178.4





#45

1,2-Dichloropropane

Concen: 49.626 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 114563

Ion Ratio Lower Upper

63 100

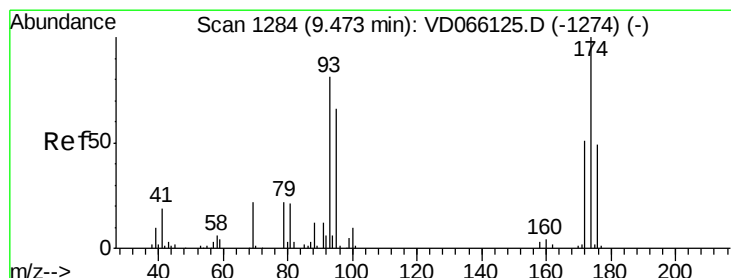
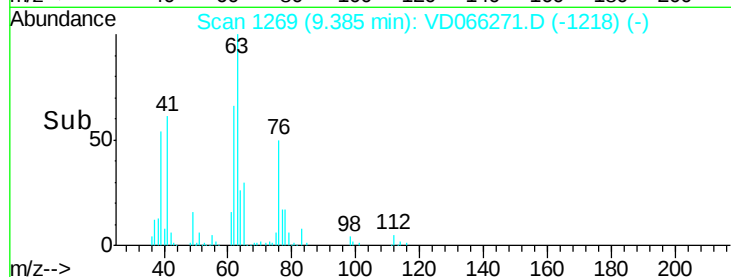
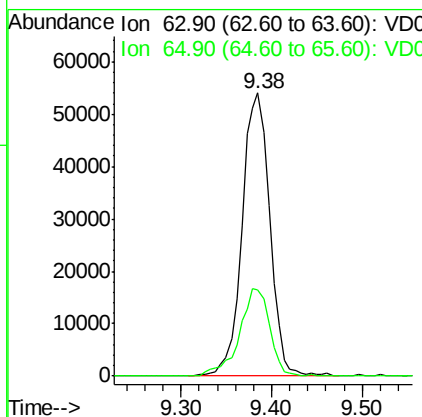
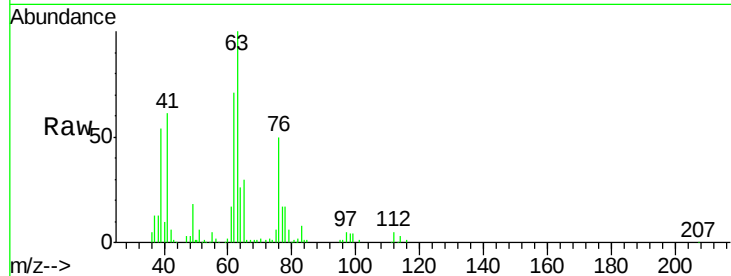
65 30.3 26.5 39.7

Manual Integrations

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#46

Dibromomethane

Concen: 52.417 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

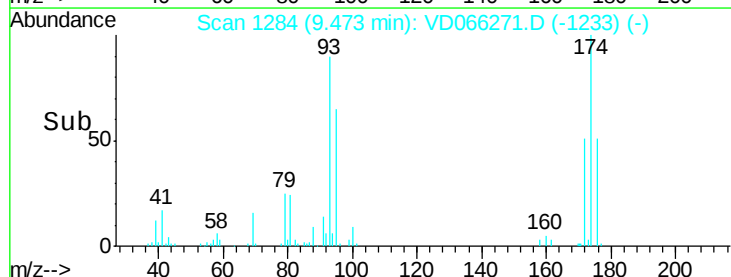
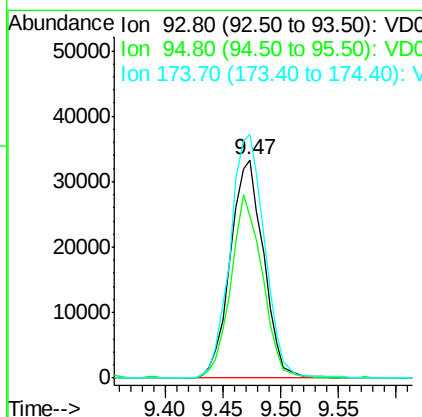
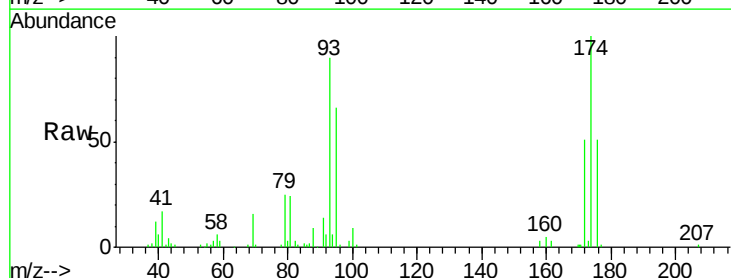
Tgt Ion: 93 Resp: 66653

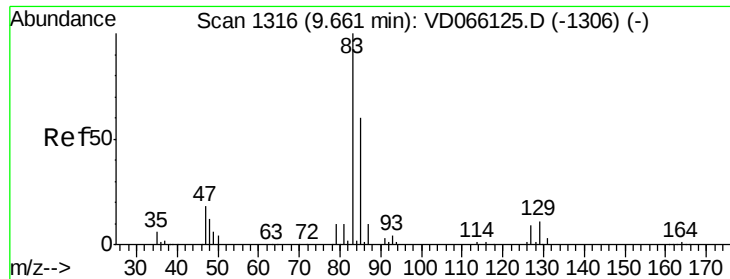
Ion Ratio Lower Upper

93 100

95 79.4 65.8 98.6

174 115.0 92.8 139.2





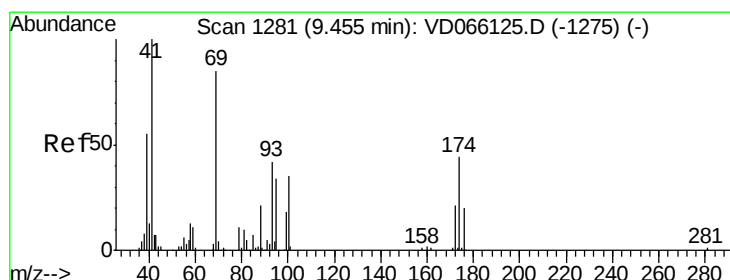
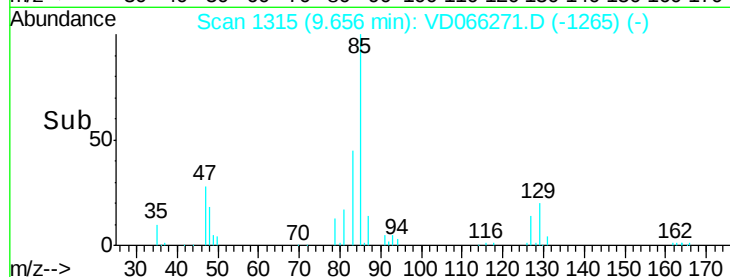
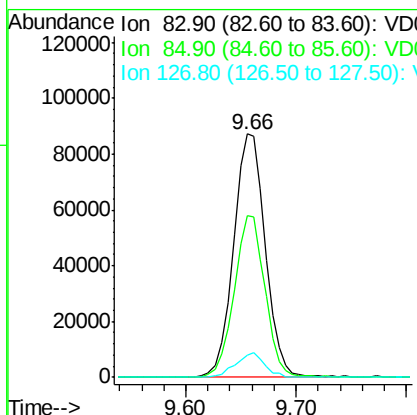
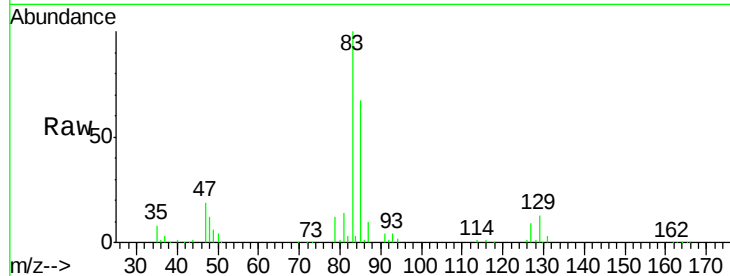
#47
Bromodichloromethane
Concen: 52.332 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	83	85	127
Ion Ratio	100	66.6	9.3
Resp: Lower		48.2	7.3
Upper		72.4	10.9

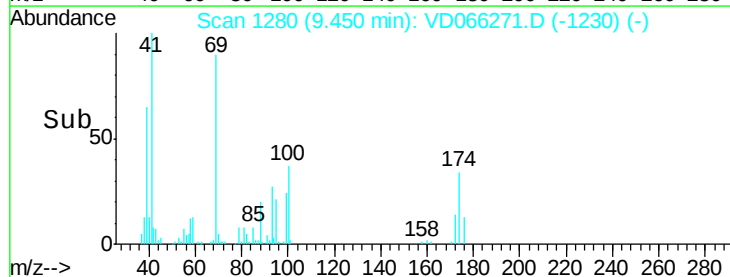
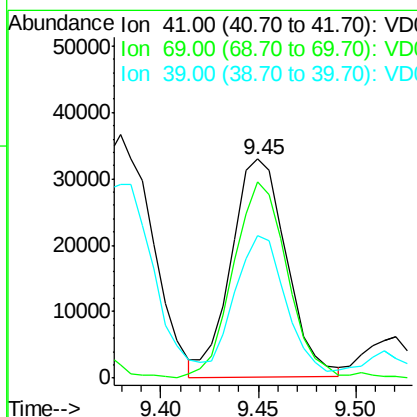
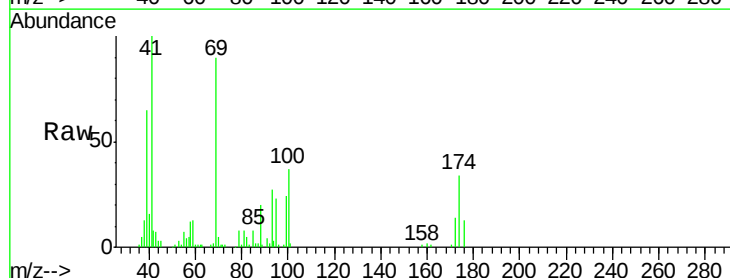
Manual Integrations
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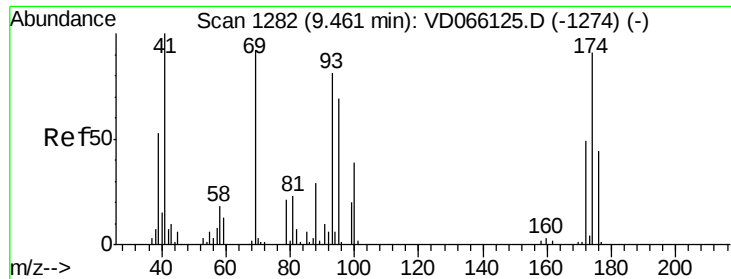
MMDadoda
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#48
Methyl methacrylate
Concen: 47.584 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	41	69	39
Ion Ratio	100	86.1	55.0
Resp: Lower		63.9	42.6
Upper		95.9	64.0





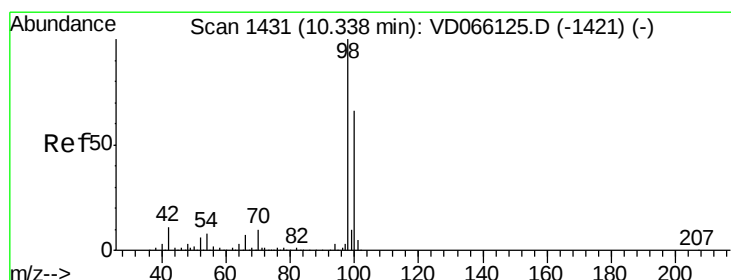
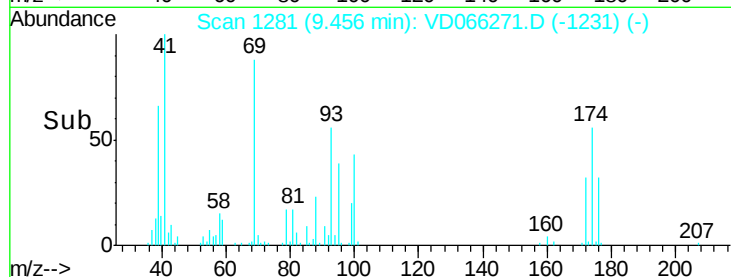
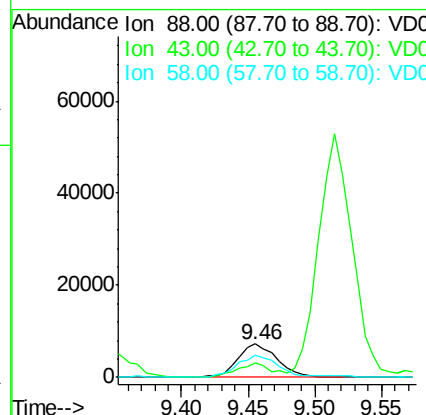
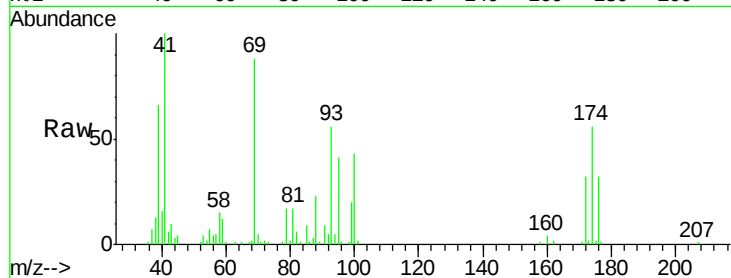
#49
1,4-Dioxane
Concen: 908.131 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.9	27.5	41.3
58	71.5	50.2	75.4

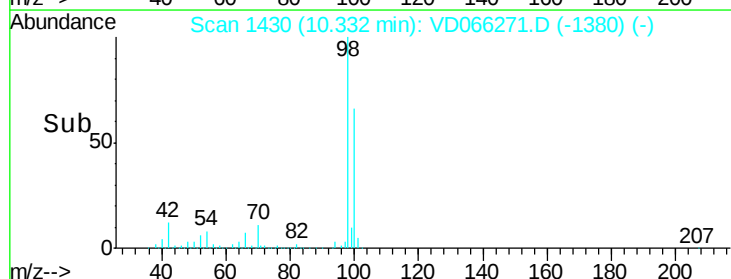
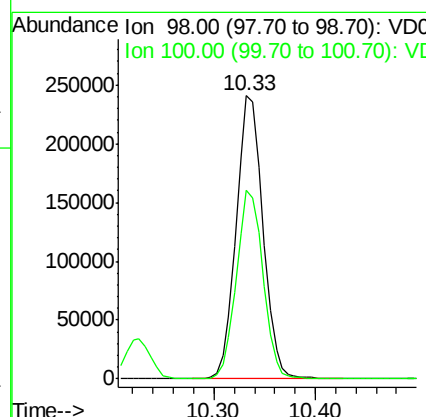
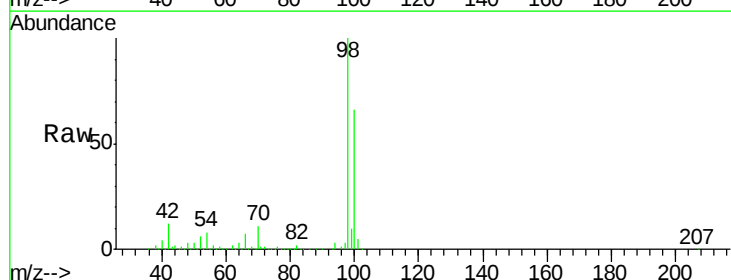
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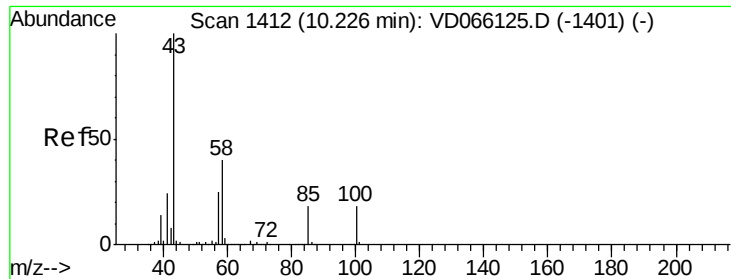
MMDadoda
8/19/2020 5:23:06 PM



#50
Toluene-d8
Concen: 52.413 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	78.8





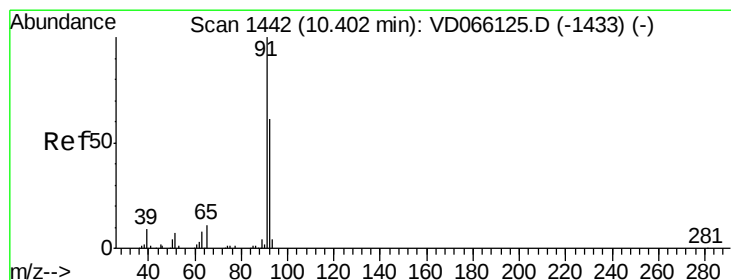
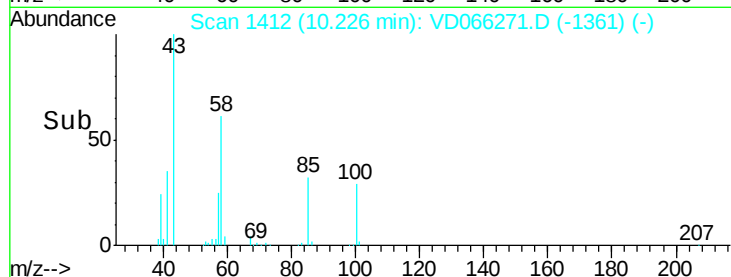
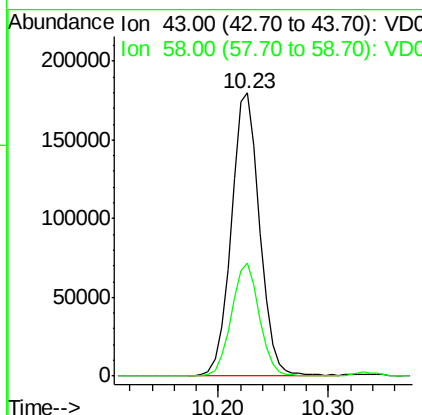
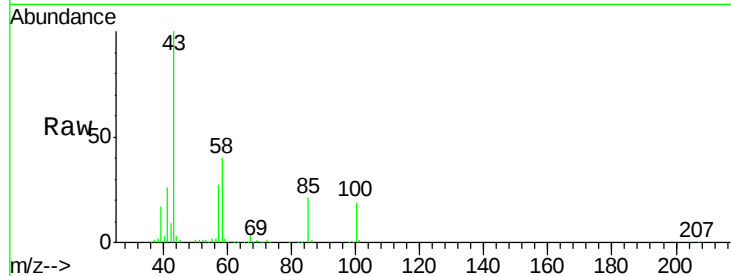
#51
4-Methyl-2-Pentanone
Concen: 237.805 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.1	46.7

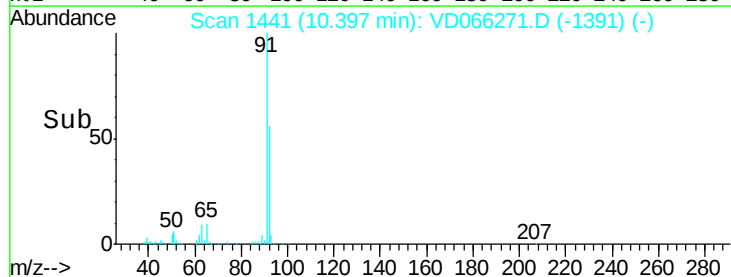
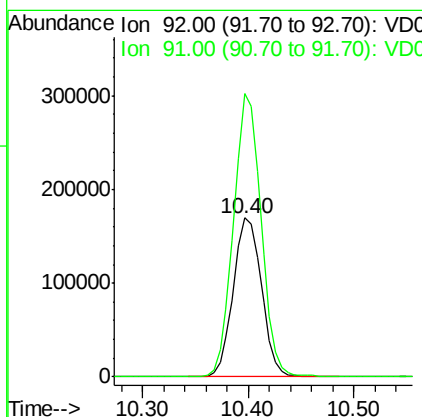
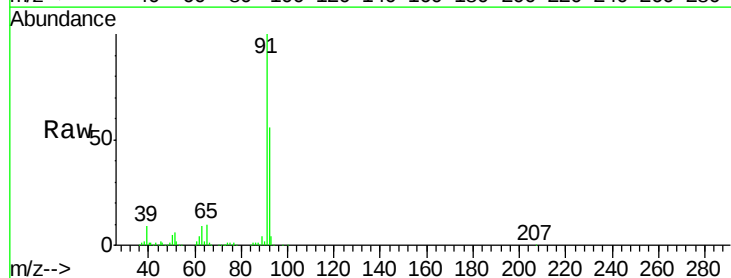
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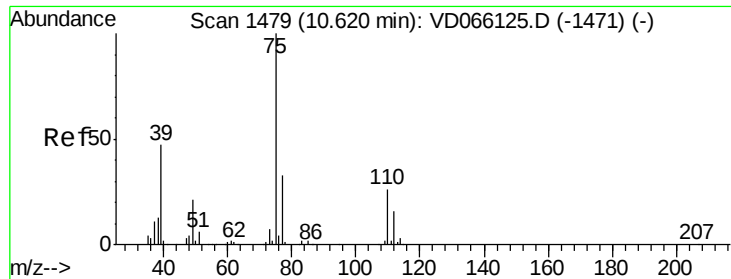
MMDadoda
8/19/2020 5:23:06 PM



#52
Toluene
Concen: 50.681 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.1	135.2	202.8





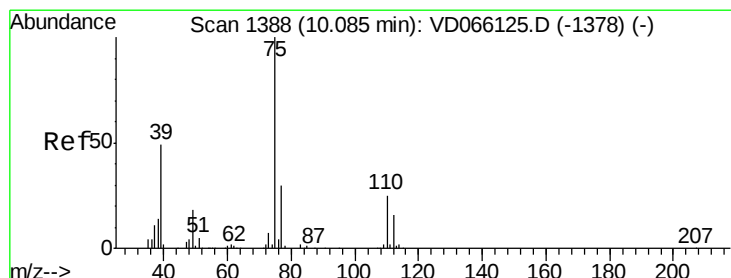
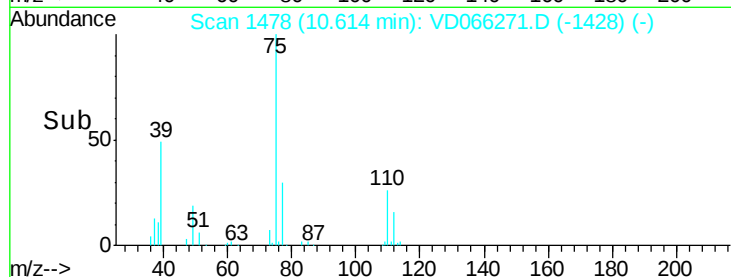
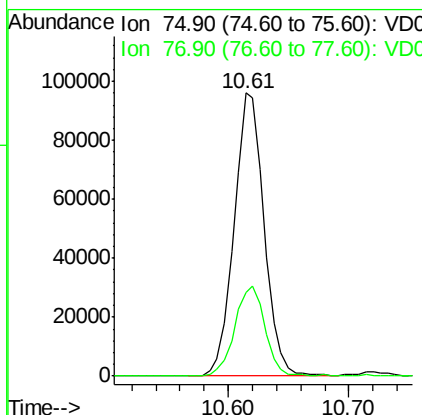
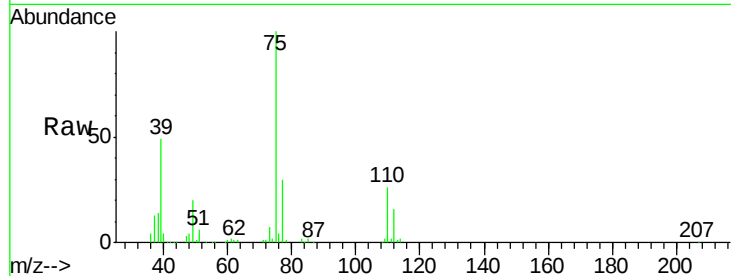
#53
 t-1,3-Dichloropropene
 Concen: 52.133 ug/l
 RT: 10.61 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 166277
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.2 39.2

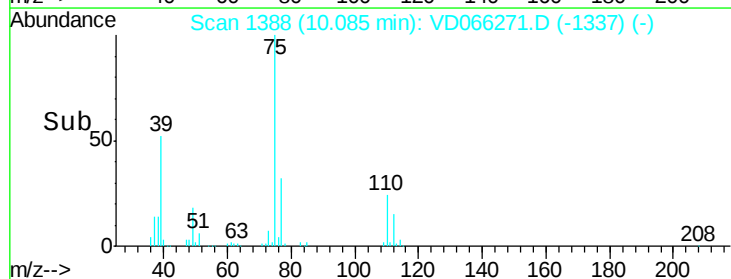
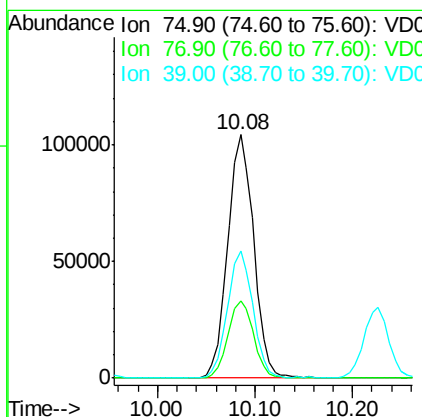
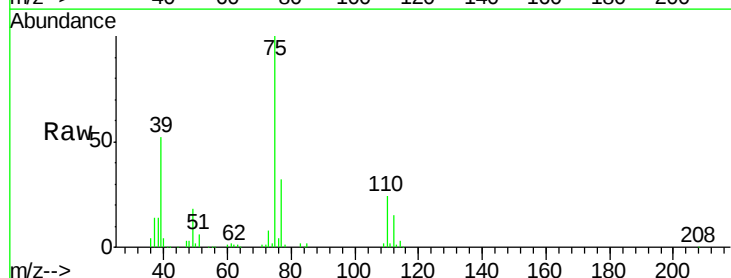
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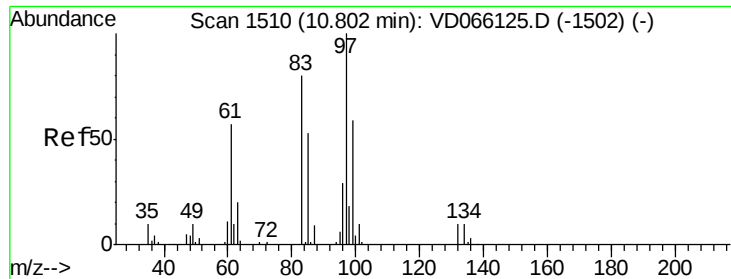
MMDadoda
 8/19/2020 5:23:06 PM



#54
 cis-1,3-Dichloropropene
 Concen: 51.681 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion: 75 Resp: 193124
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.3 36.5
 39 52.0 39.3 58.9





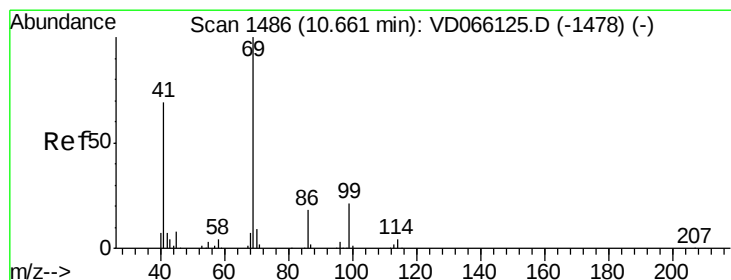
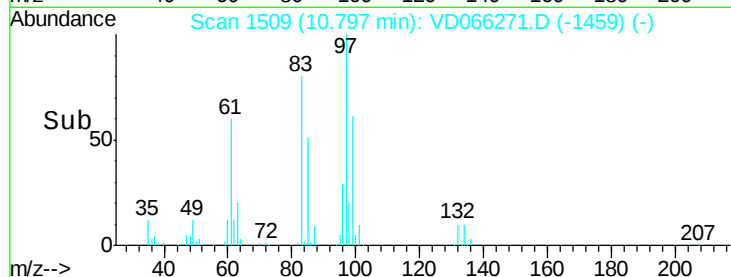
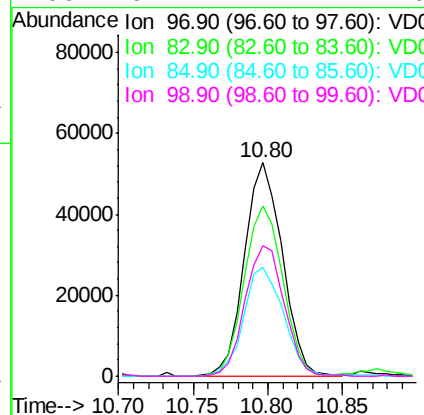
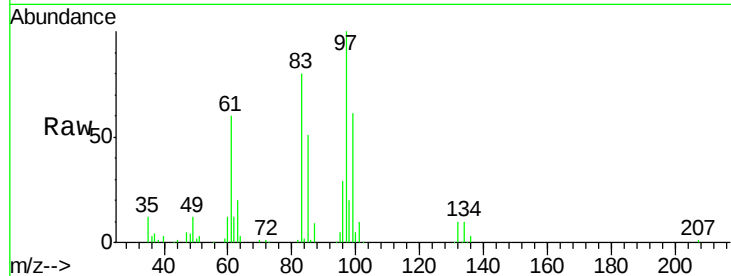
#55
 1,1,2-Trichloroethane
 Concen: 50.911 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	93221
Ion	Ratio	Lower	Upper
97	100		
83	79.7	63.9	95.9
85	50.9	42.5	63.7
99	61.2	47.4	71.0

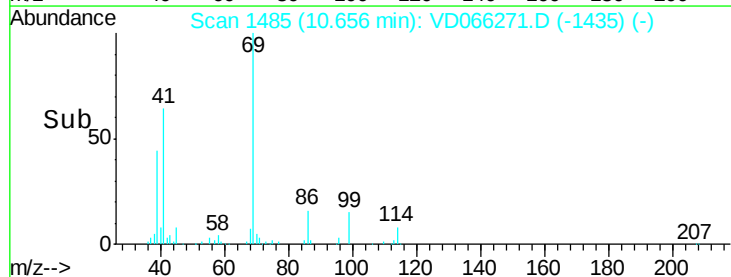
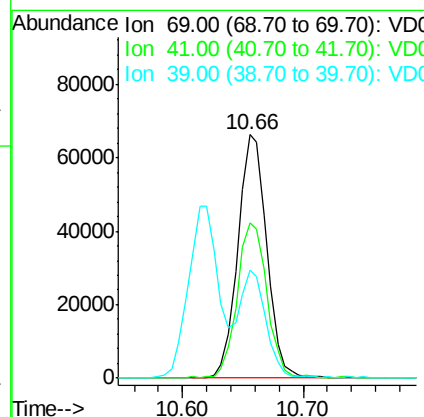
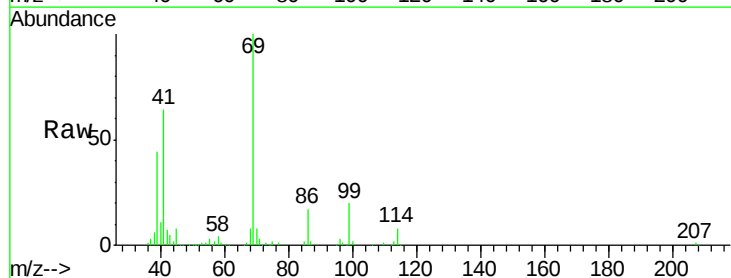
Manual Integrations
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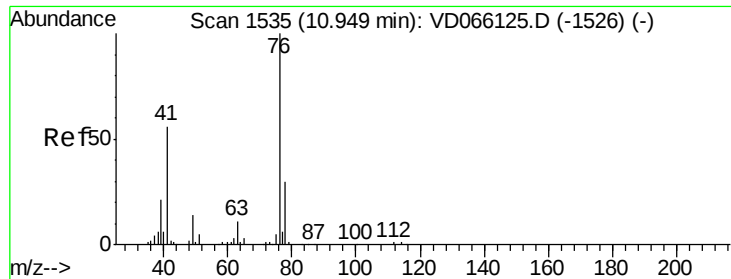
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 8/19/2020 5:23:06 PM



#56
 Ethyl methacrylate
 Concen: 50.408 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion:	69	Resp:	110879
Ion	Ratio	Lower	Upper
69	100		
41	64.6	54.1	81.1
39	41.2	28.6	43.0





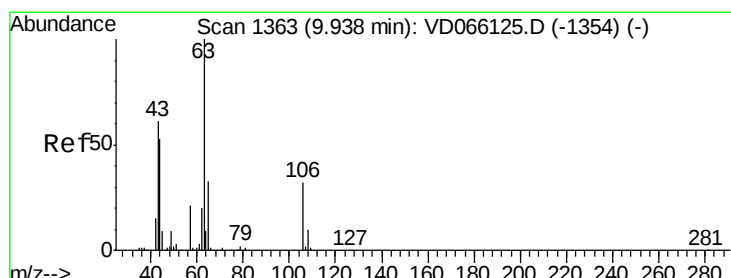
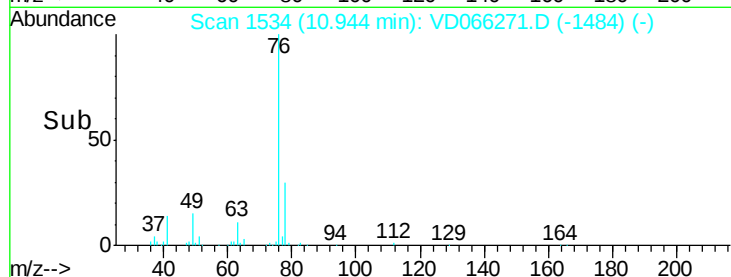
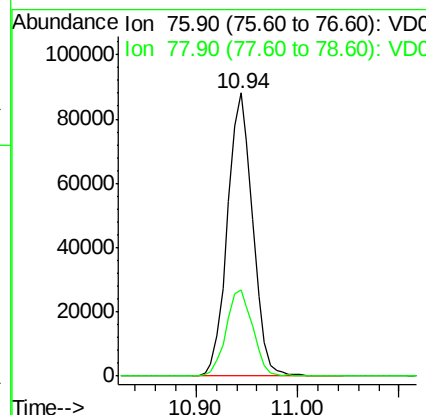
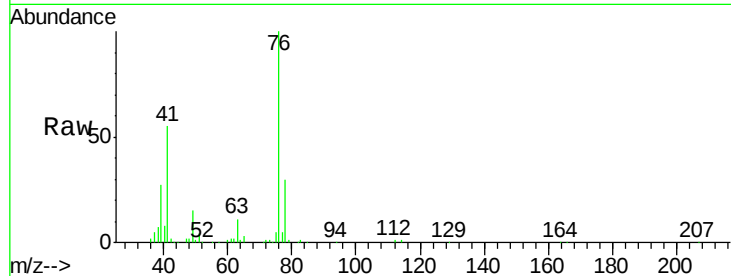
#57
 1,3-Dichloropropane
 Concen: 50.114 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.5	38.3

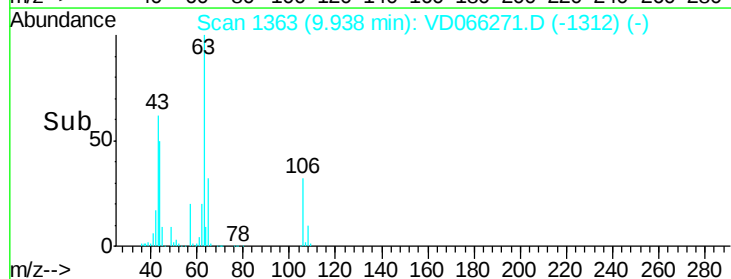
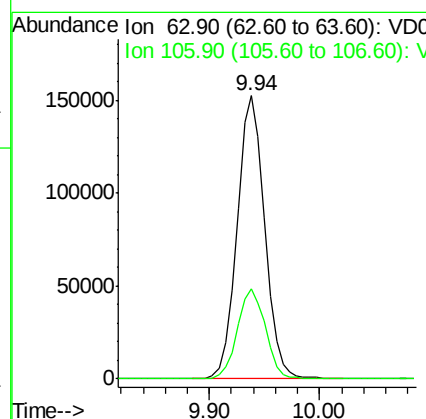
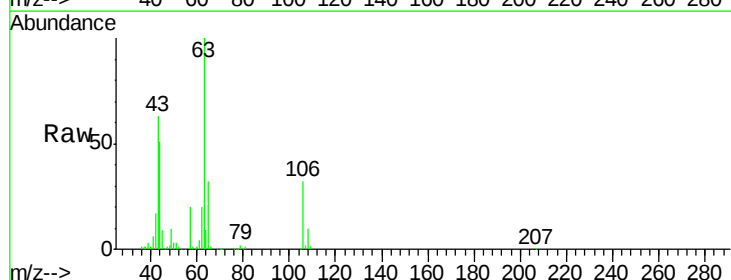
Manual Integrations
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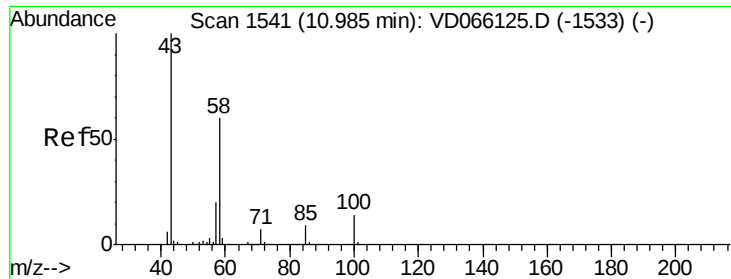
MMDadoda
 8/19/2020 5:23:06 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.107 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.4	25.3	37.9





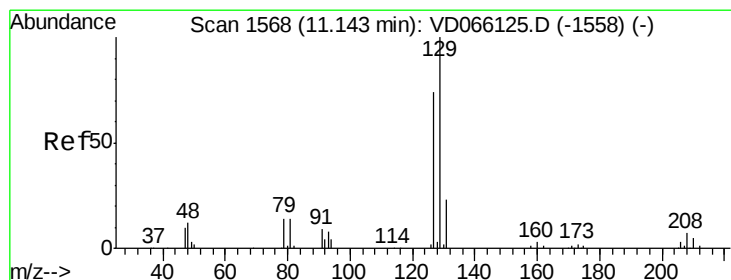
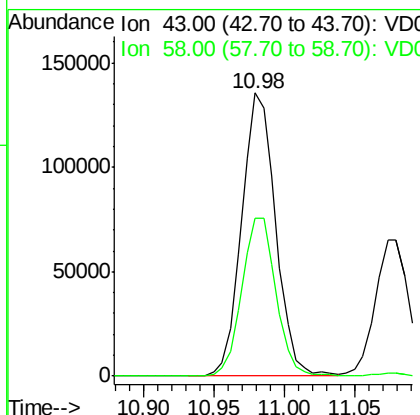
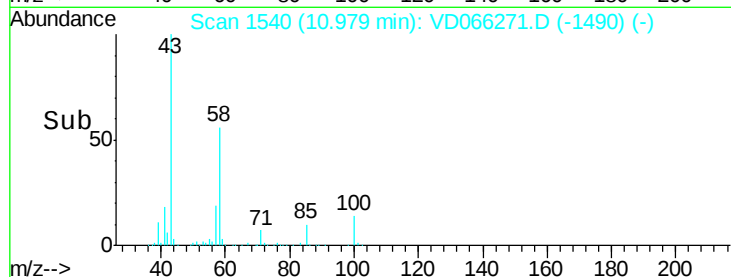
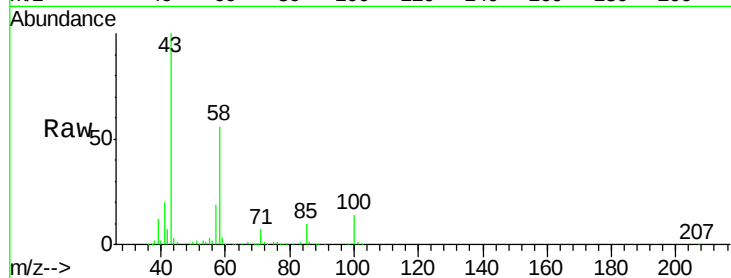
#59
2-Hexanone
Concen: 239.153 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	27.8	83.4

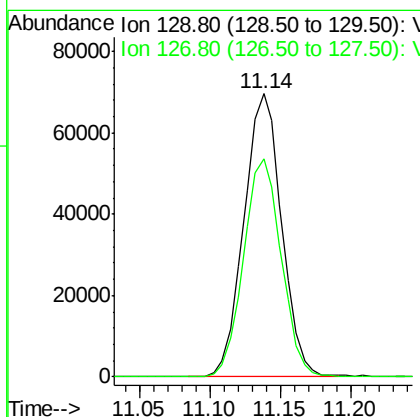
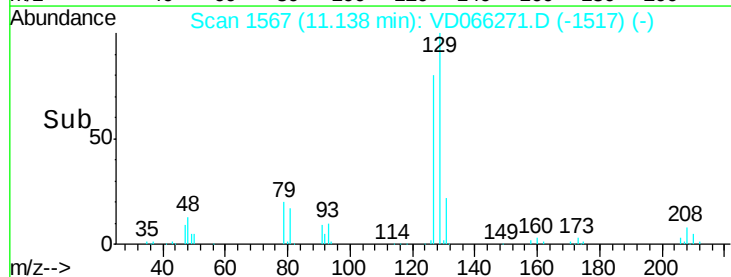
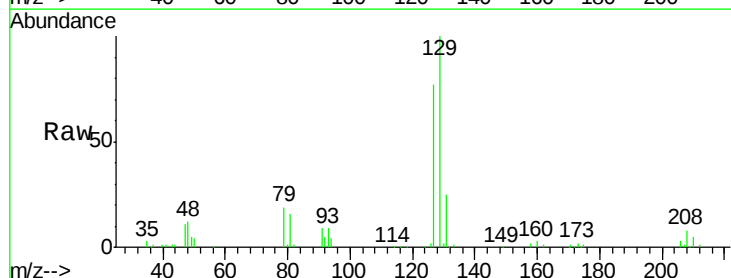
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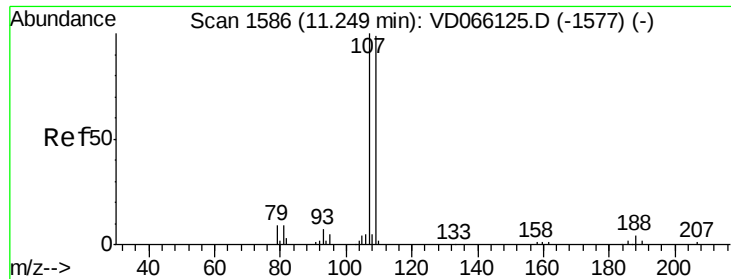
MMDadoda
8/19/2020 5:23:06 PM



#60
Dibromochloromethane
Concen: 51.636 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.0	114.1





#61

1,2-Dibromoethane

Concen: 50.486 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 88903

Ion Ratio Lower Upper

107 100

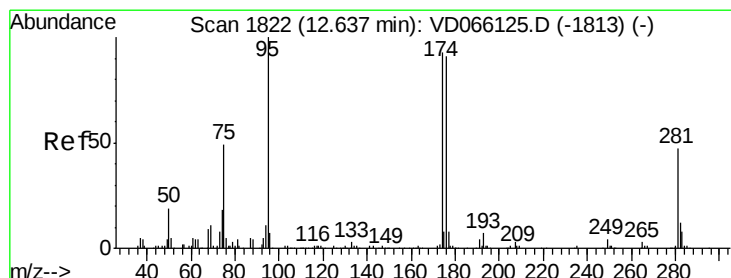
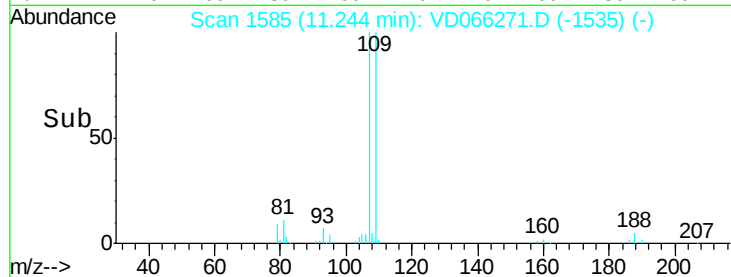
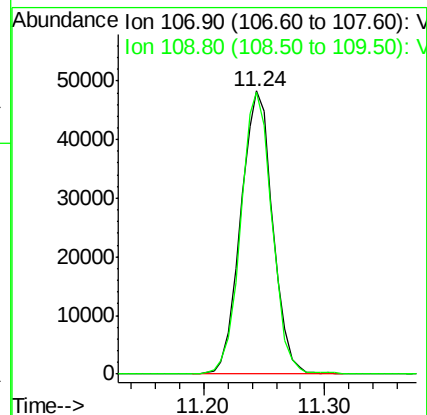
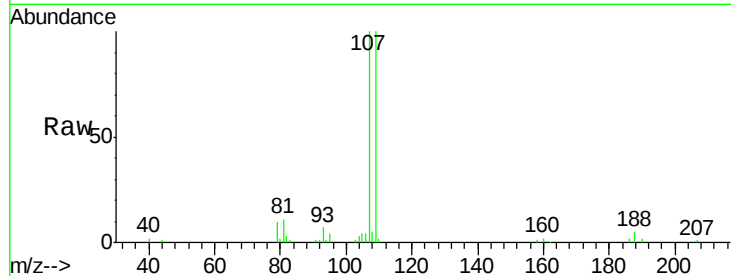
109 97.4 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 55.447 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

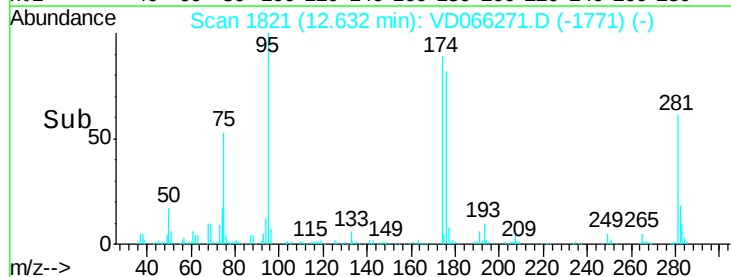
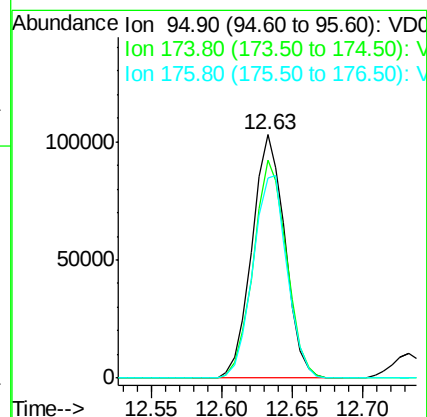
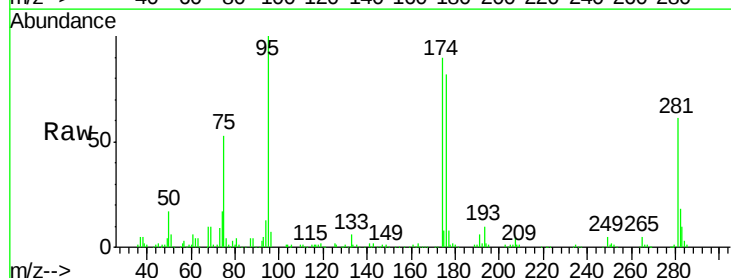
Tgt Ion: 95 Resp: 169182

Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.8

176 86.3 0.0 181.2





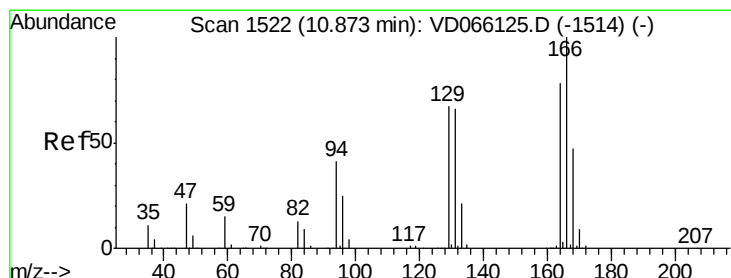
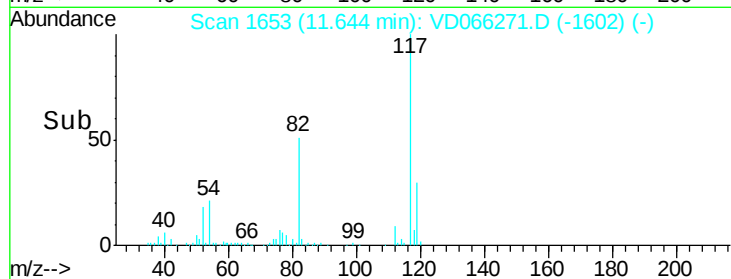
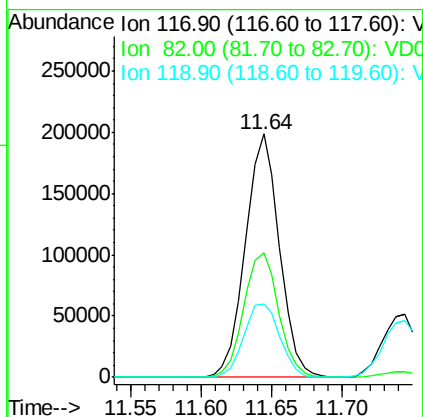
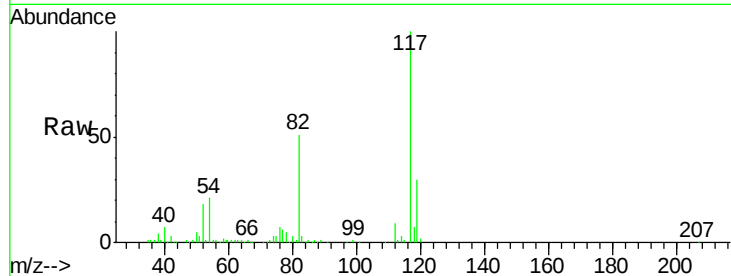
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	336801		
82	51.3	43.0	64.4	
119	30.0	26.1	39.1	

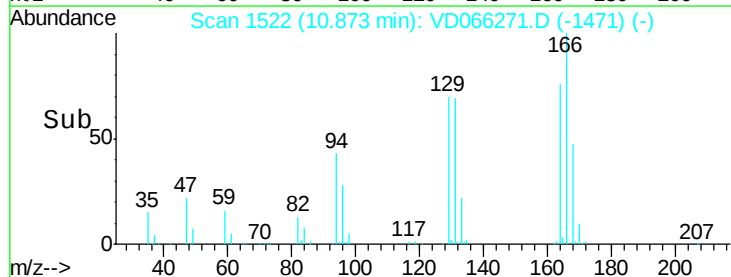
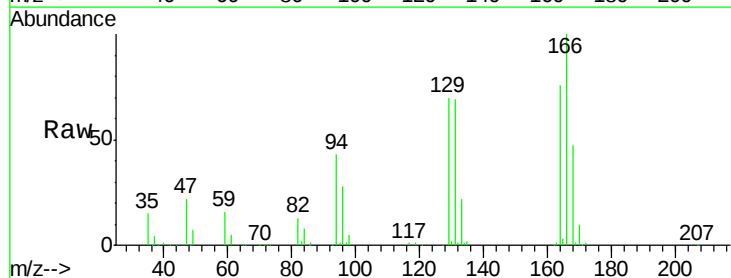
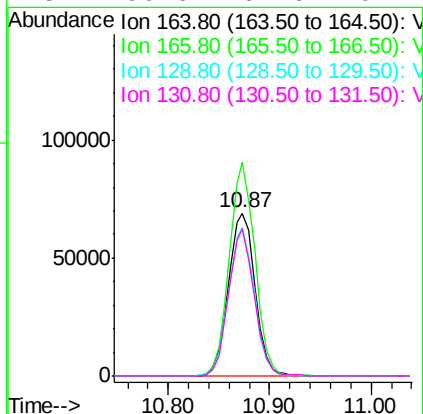
Manual Integrations
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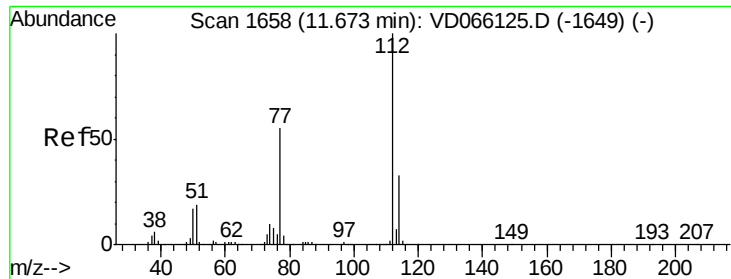
MMDadoda
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#64
Tetrachloroethene
Concen: 48.678 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	125893		
166	130.9	101.9	152.9	
129	91.3	68.1	102.1	
131	90.6	67.6	101.4	





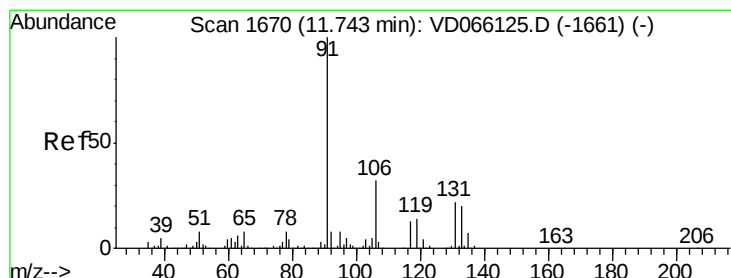
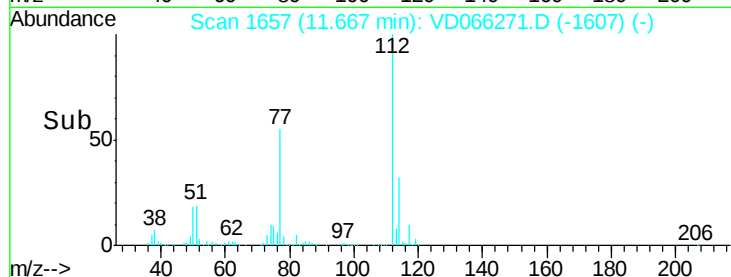
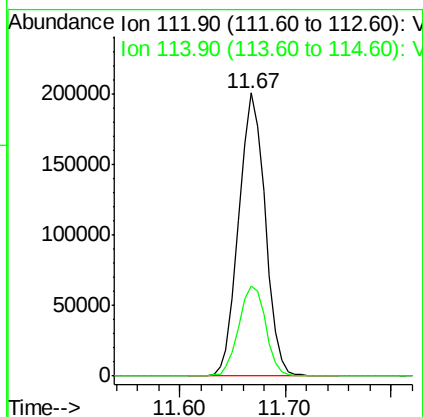
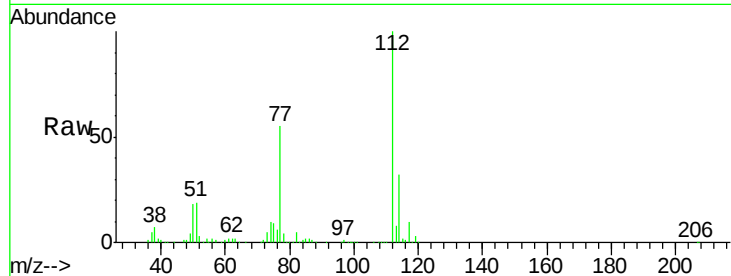
#65
Chlorobenzene
Concen: 50.819 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.1	39.1

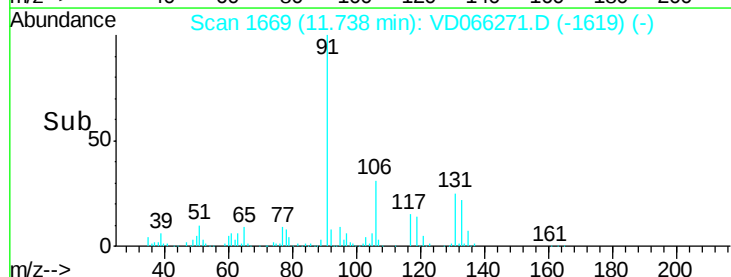
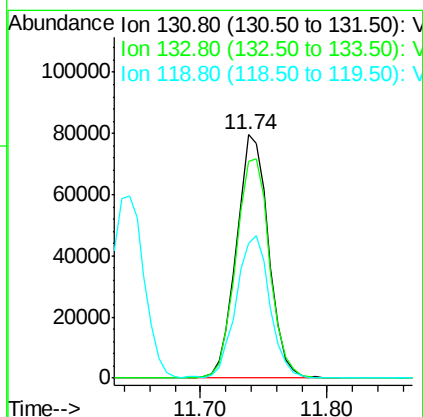
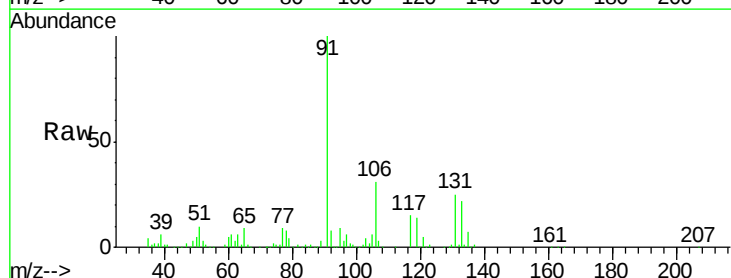
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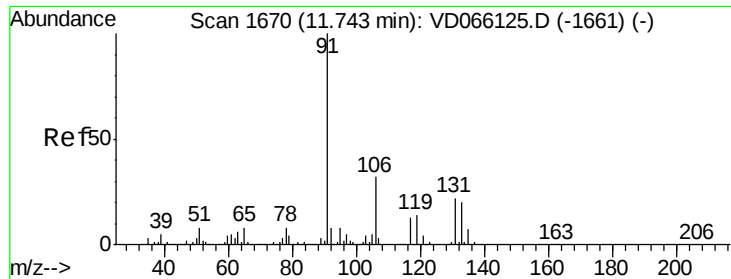
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.289 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.1	141.4
119	61.0	31.6	94.7





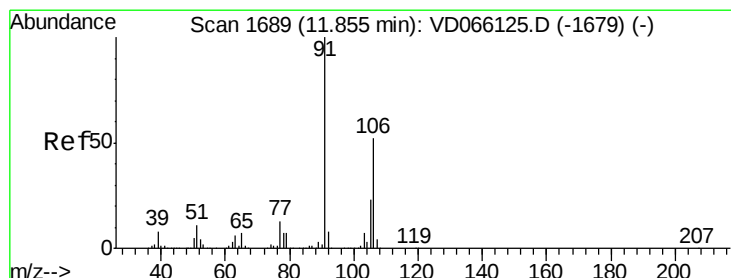
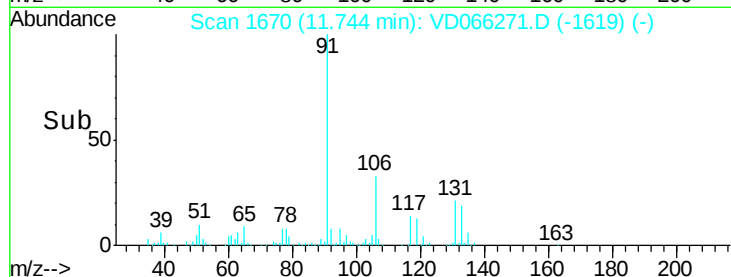
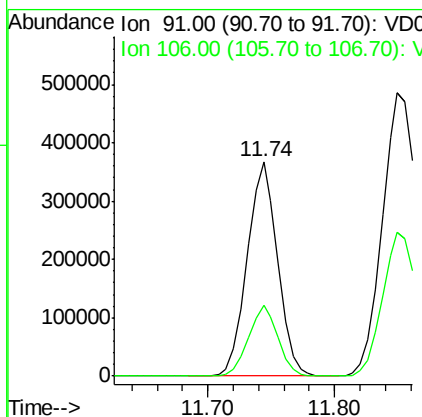
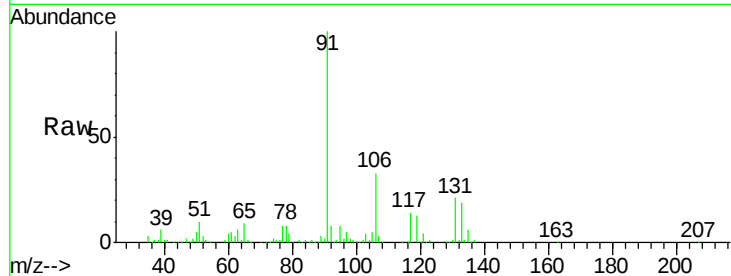
#67
Ethyl Benzene
Concen: 51.660 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 612081
Ion Ratio Lower Upper
91 100
106 33.1 25.7 38.5

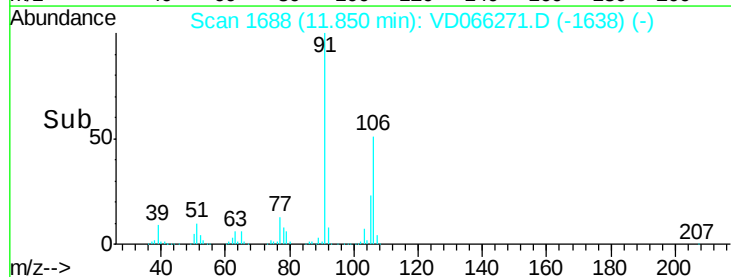
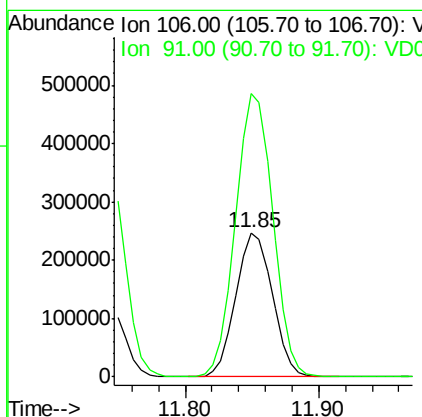
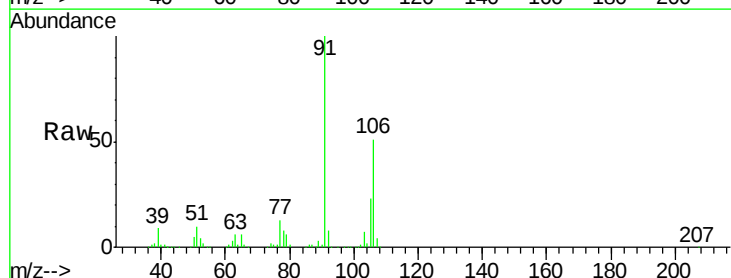
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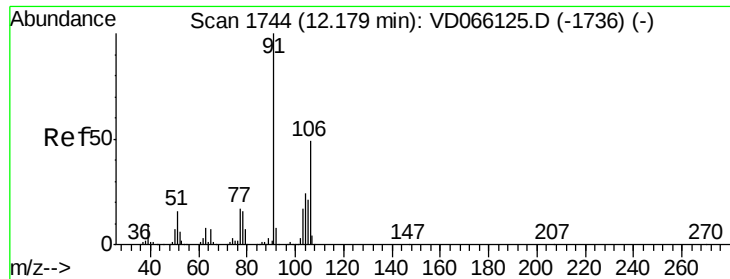
MMDadoda
8/19/2020 5:23:06 PM



#68
m/p-Xylenes
Concen: 102.139 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 106 Resp: 468867
Ion Ratio Lower Upper
106 100
91 200.7 156.6 235.0





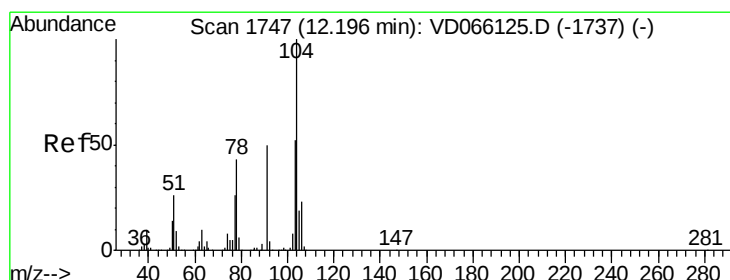
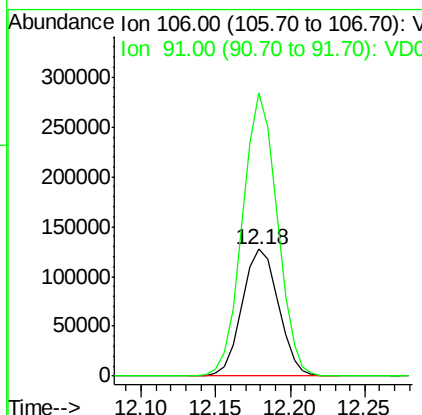
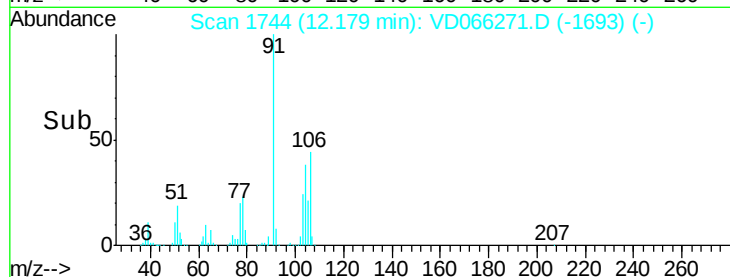
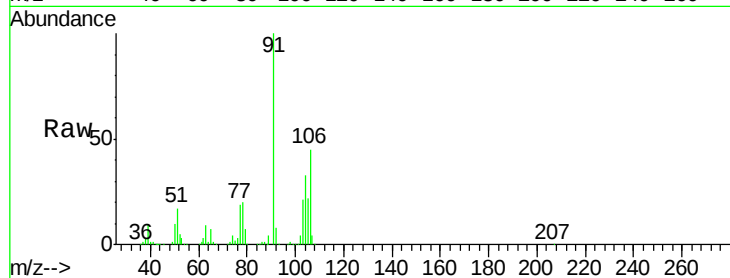
#69
o-Xylene
Concen: 51.548 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	213.4	105.7	317.1

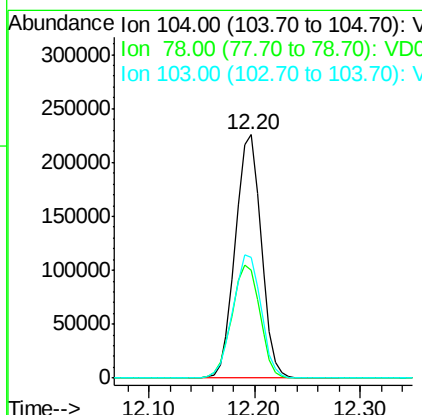
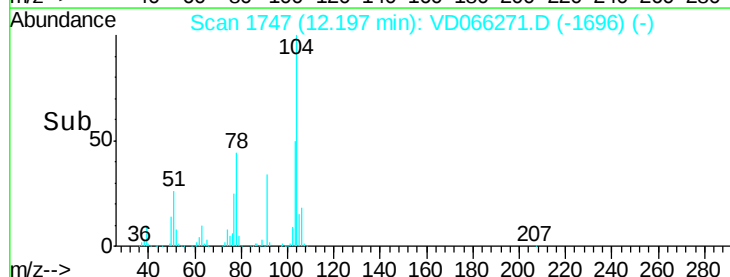
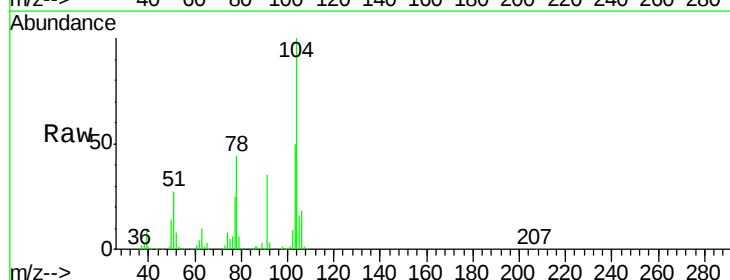
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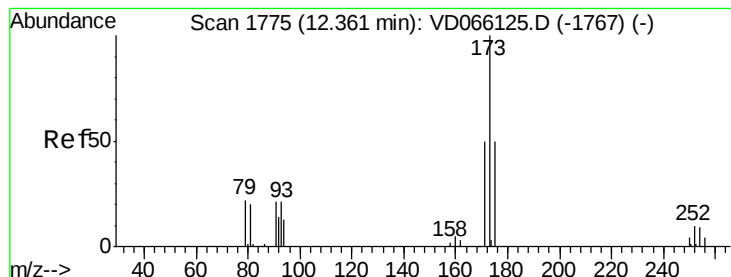
MMDadoda
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#70
Styrene
Concen: 52.349 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.3	38.6	58.0
103	55.1	44.1	66.1





#71

Bromoform

Concen: 49.844 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 79002

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.6

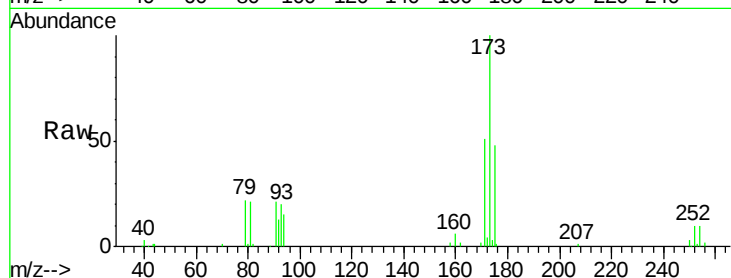
254 0.0 0.2 0.2#

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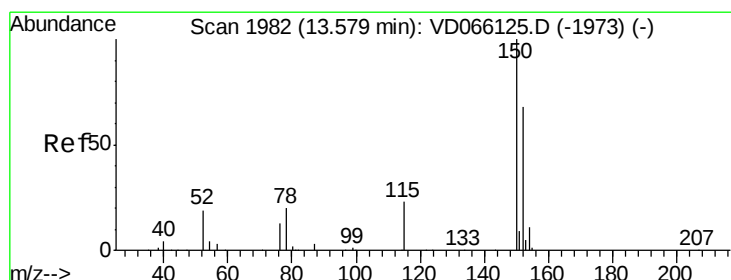
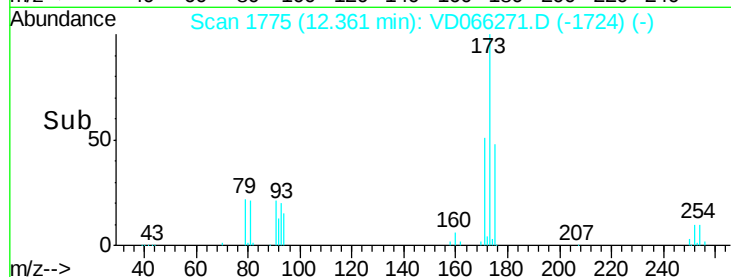
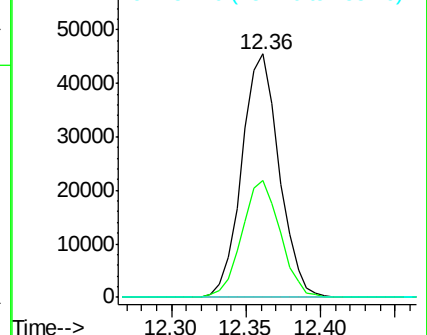
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VD066271.D

Acq: 18 Aug 2020 12:06

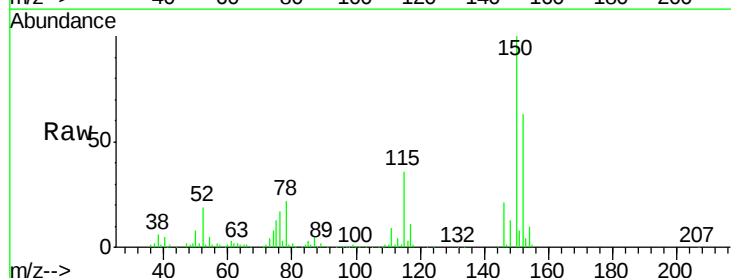
Tgt Ion:152 Resp: 176265

Ion Ratio Lower Upper

152 100

115 57.1 28.0 83.9

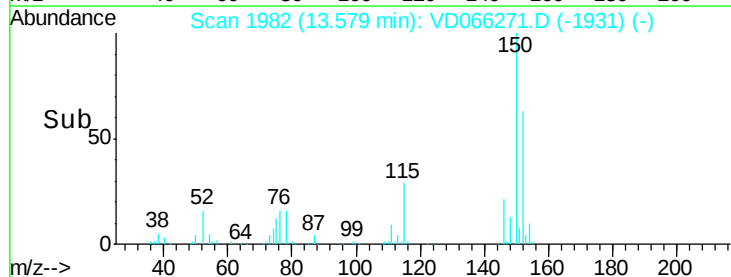
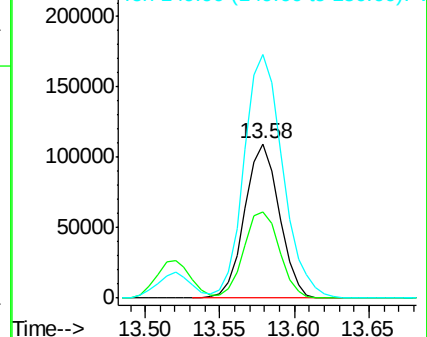
150 176.0 0.0 346.4

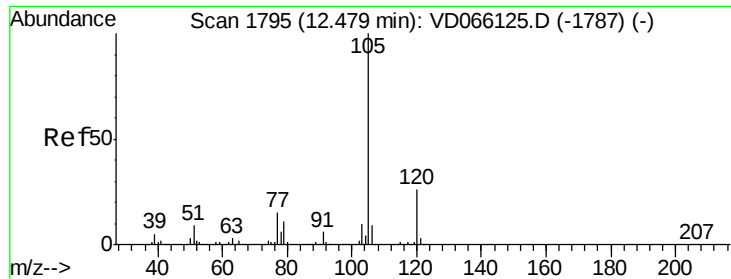


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.241 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 602912

Ion Ratio Lower Upper

105 100

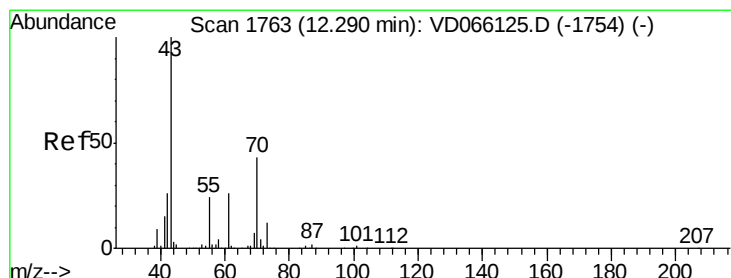
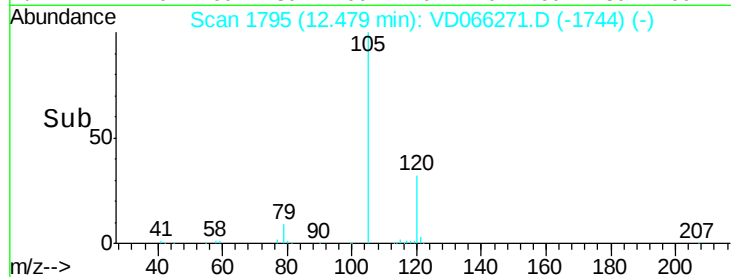
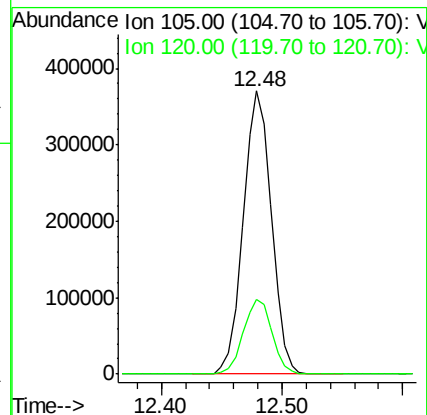
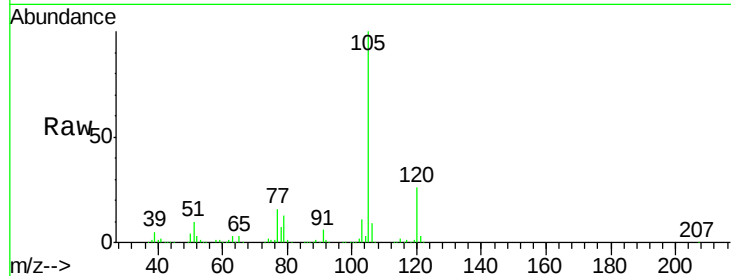
120 26.9 13.3 39.9

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#74

N-ethyl acetate

Concen: 48.038 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Tgt Ion: 43 Resp: 124464

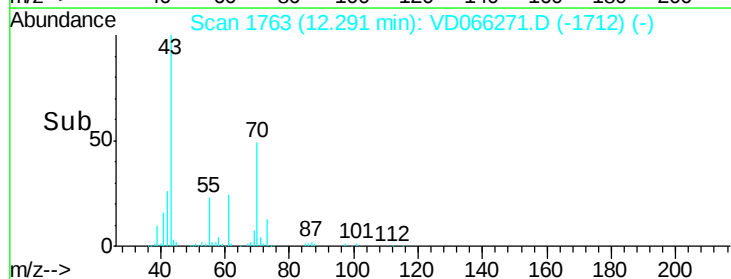
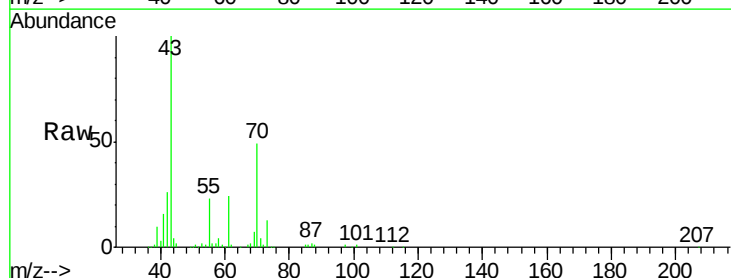
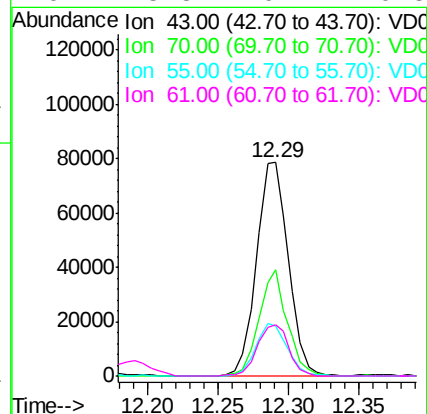
Ion Ratio Lower Upper

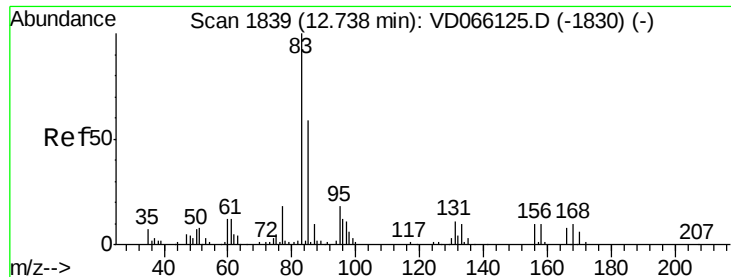
43 100

70 44.0 34.9 52.3

55 24.1 19.2 28.8

61 23.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.271 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

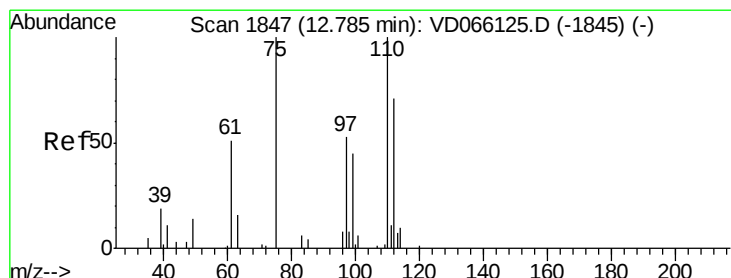
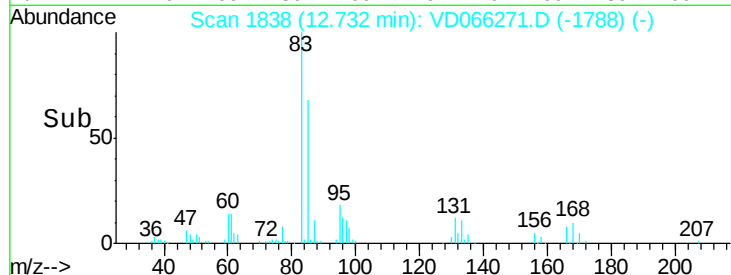
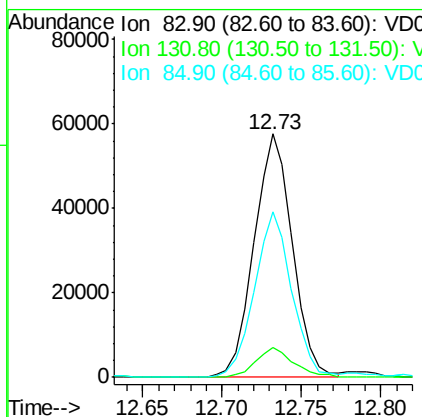
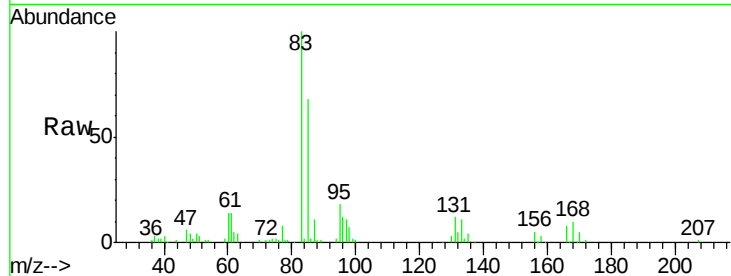
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	96847
Ion Ratio	Lower	Upper	
83	100		
131	12.3	6.2	18.6
85	66.5	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 43.825 ug/l m

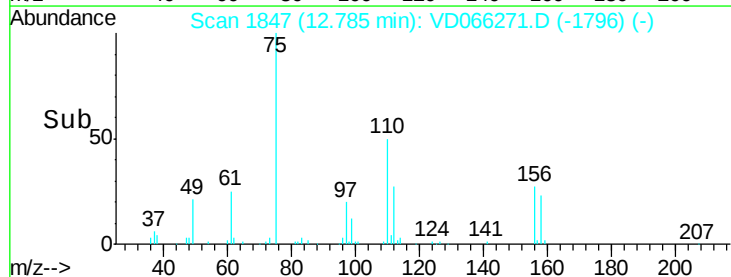
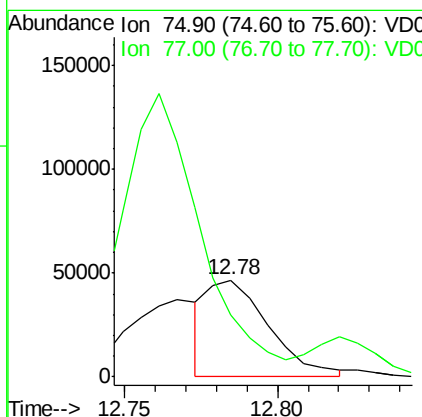
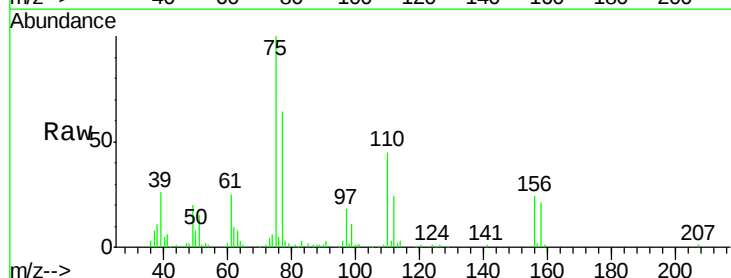
RT: 12.78 min Scan# 1847

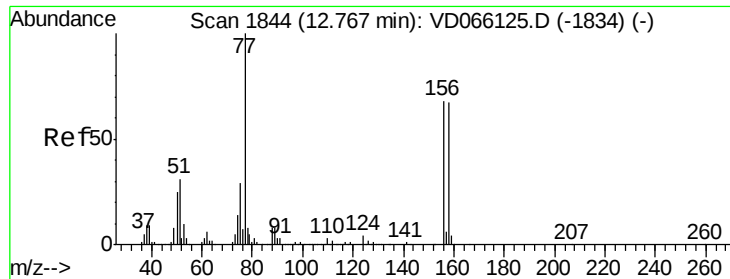
Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Tgt Ion:	75	Resp:	64420
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.600 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

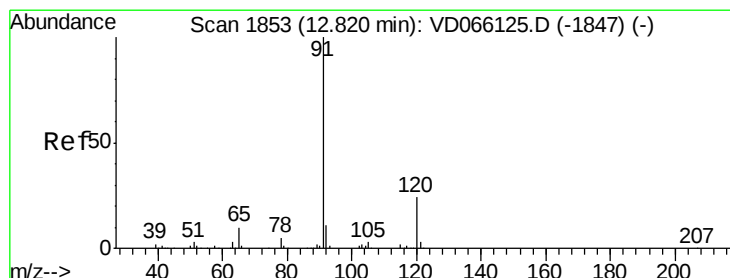
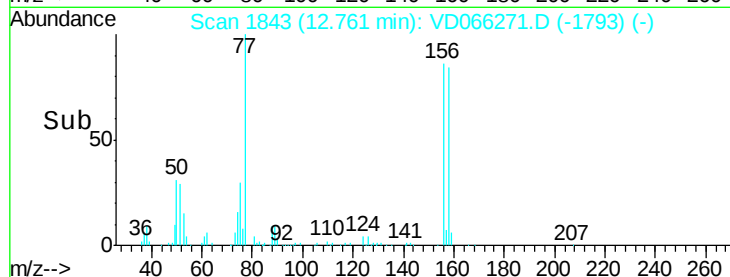
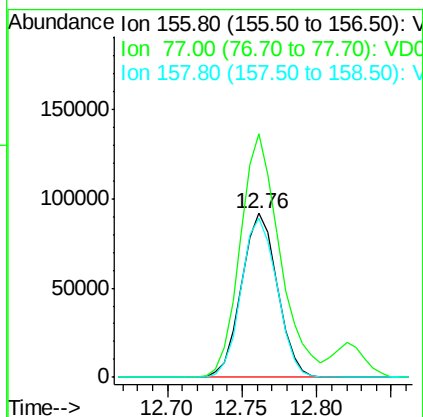
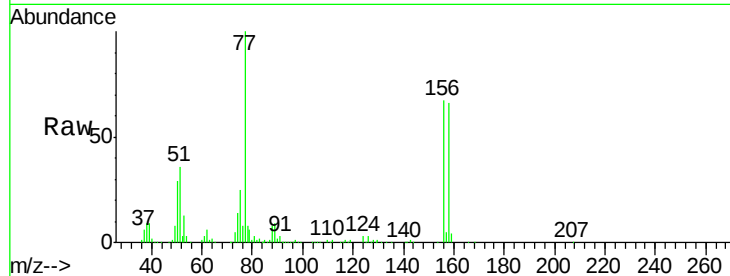
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	153258
Ion Ratio	Lower	Upper	
156	100		
77	164.1	81.0	243.1
158	96.5	48.8	146.3

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#78

n-propylbenzene

Concen: 51.101 ug/l

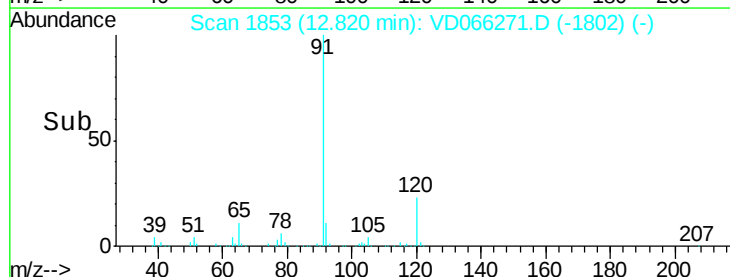
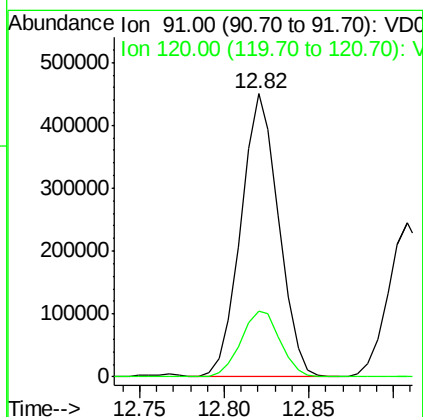
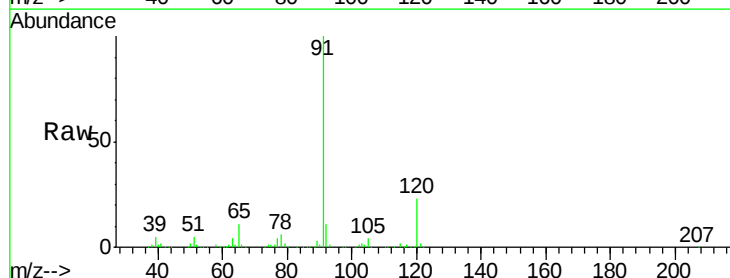
RT: 12.82 min Scan# 1853

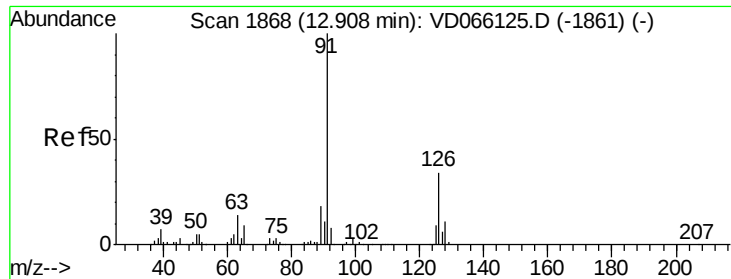
Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Tgt Ion:	91	Resp:	698919
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.0	36.0





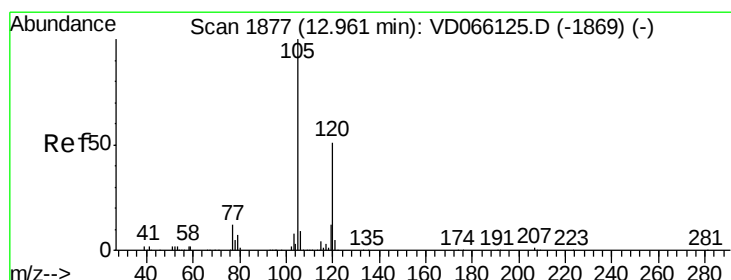
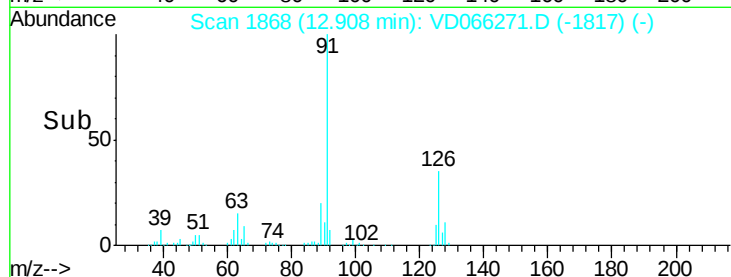
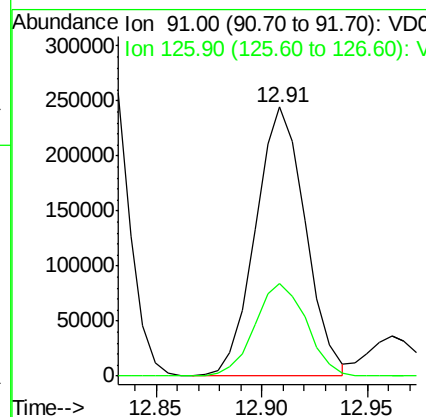
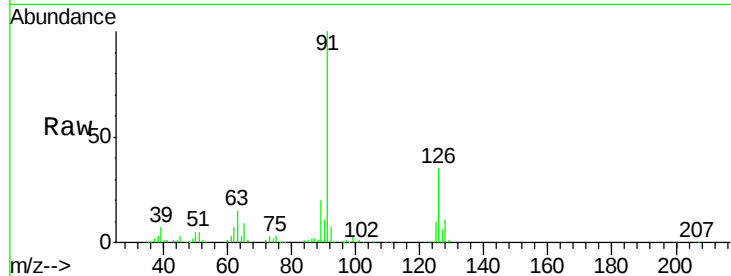
#79
2-Chlorotoluene
Concen: 51.210 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 400589
Ion Ratio Lower Upper
91 100
126 35.8 17.5 52.6

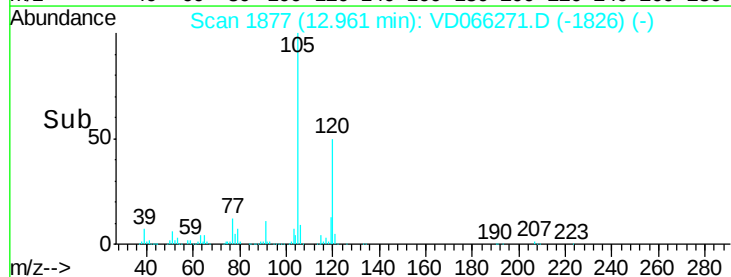
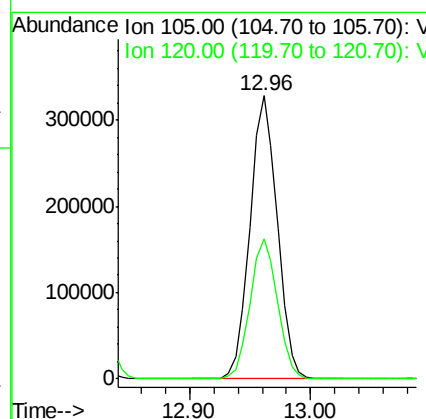
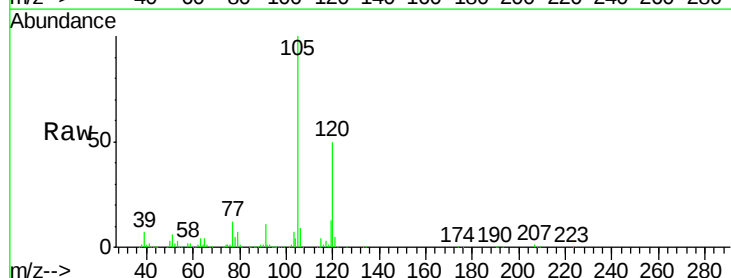
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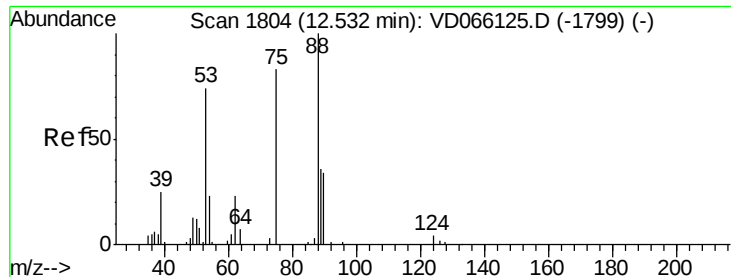
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#80
1,3,5-Trimethylbenzene
Concen: 52.687 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion: 105 Resp: 518441
Ion Ratio Lower Upper
105 100
120 49.5 25.3 75.8





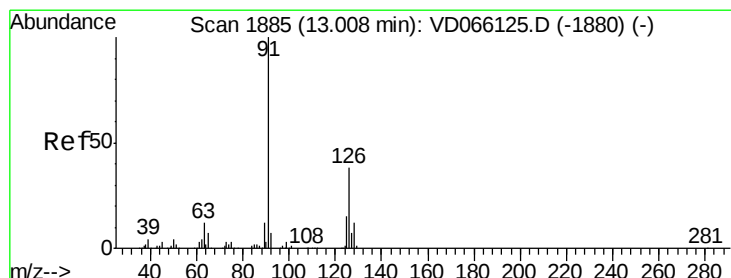
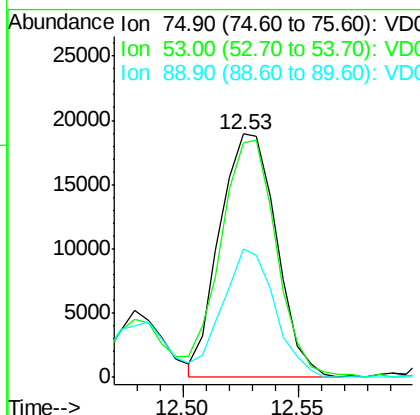
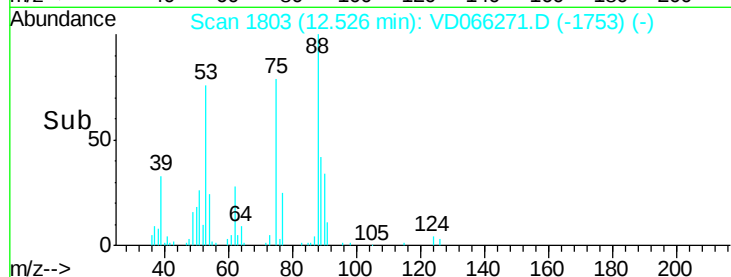
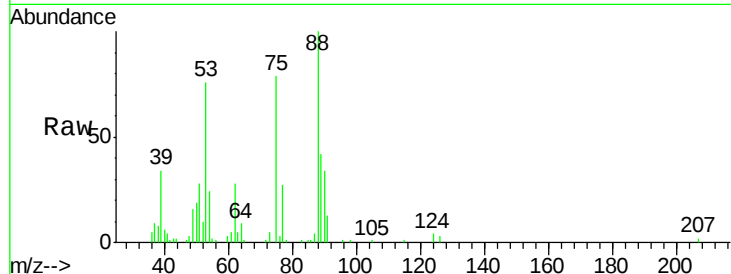
#81
trans-1,4-Dichloro-2-butene
Concen: 48.683 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.3	73.4	110.2
89	48.9	36.6	55.0

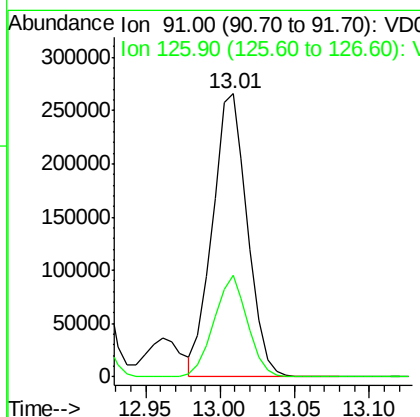
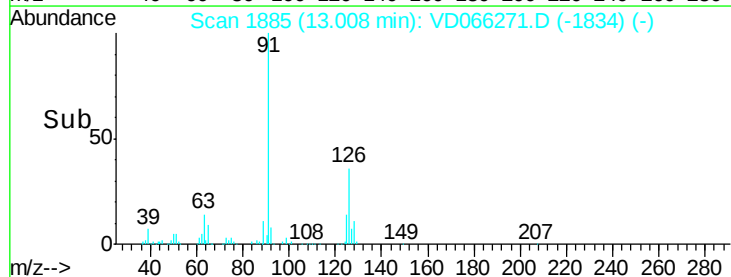
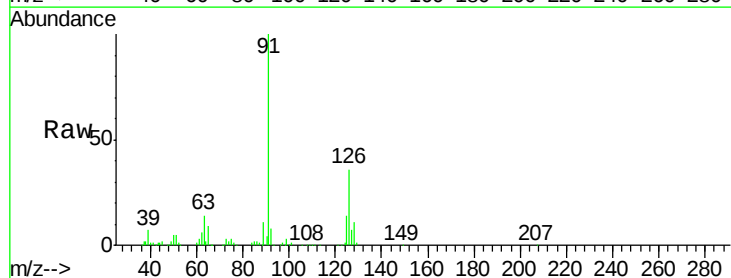
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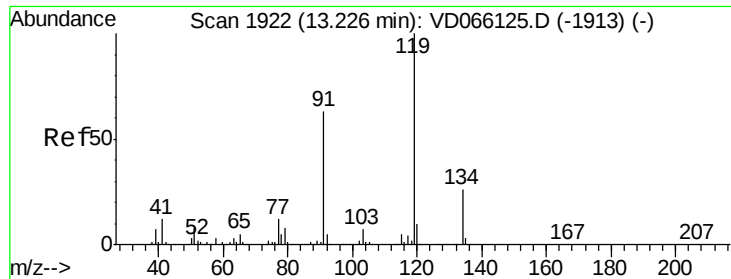
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#82
4-Chlorotoluene
Concen: 52.318 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.8	53.3





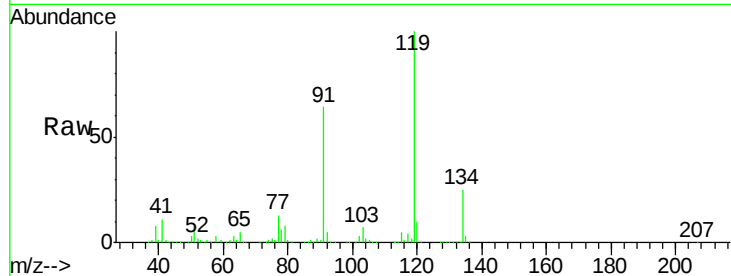
#83
tert-Butylbenzene
Concen: 52.036 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

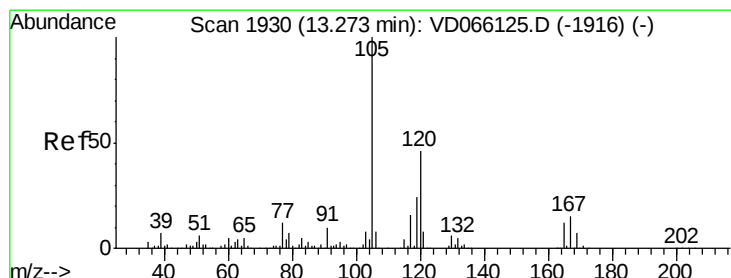
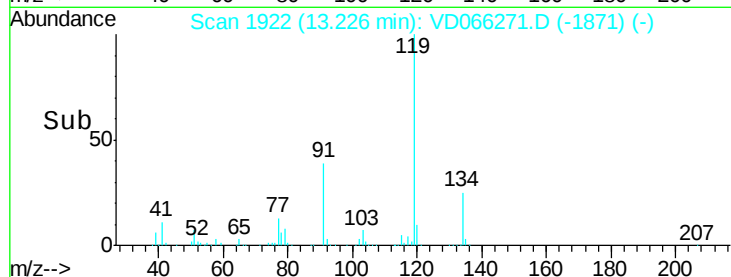
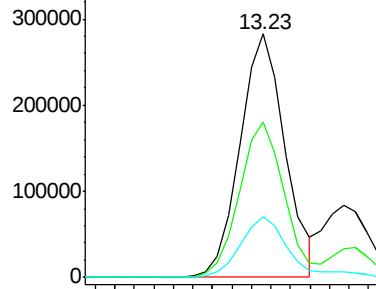
Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	30.8	92.4
134	26.9	13.6	40.8

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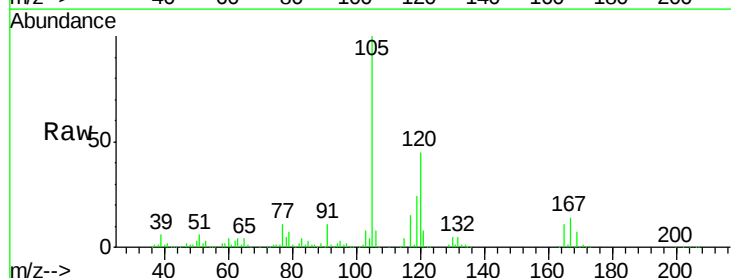


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

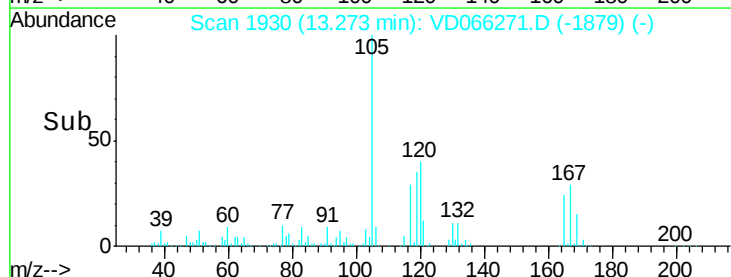
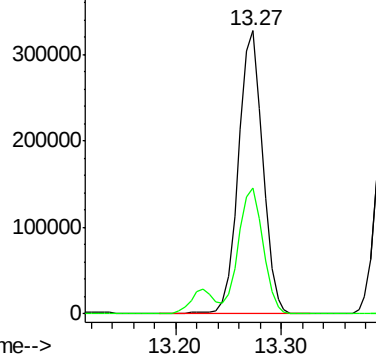


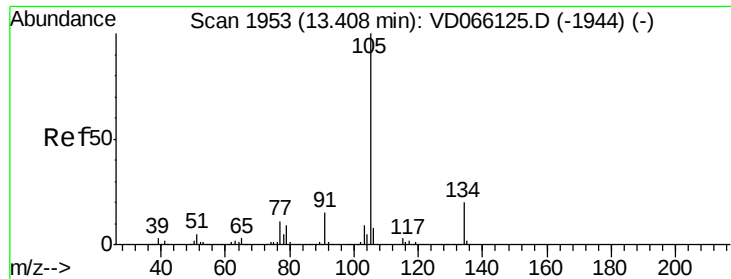
#84
1,2,4-Trimethylbenzene
Concen: 52.816 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.1	69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.458 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 612902

Ion Ratio Lower Upper

105 100

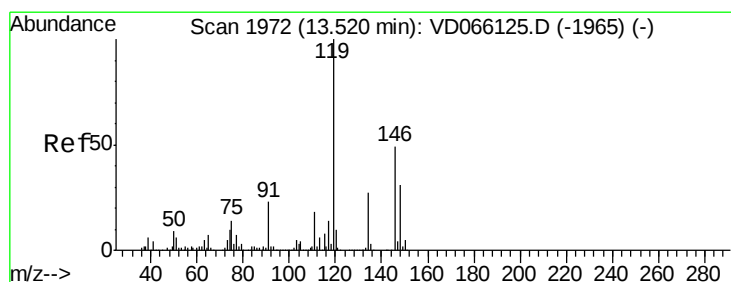
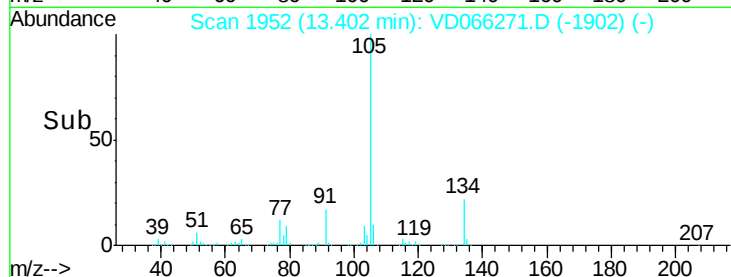
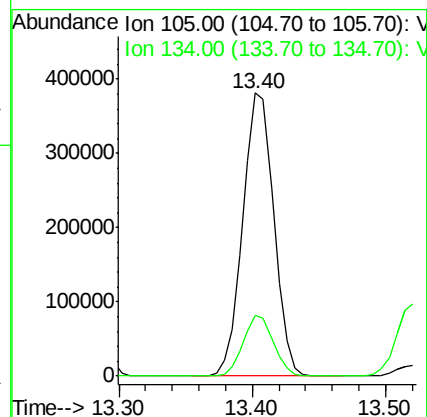
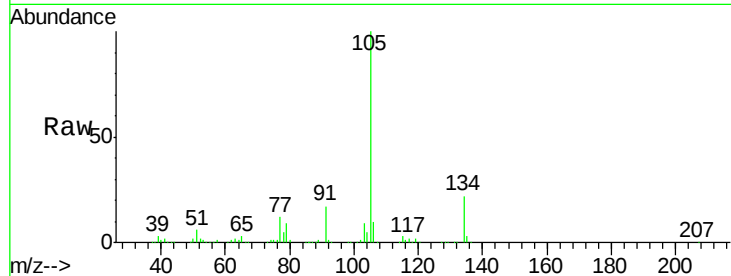
134 20.9 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.681 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066271.D

Acq: 18 Aug 2020 12:06

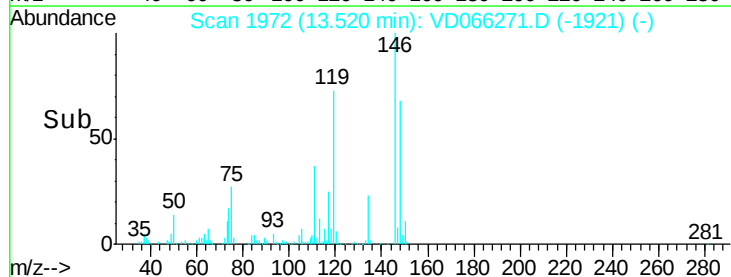
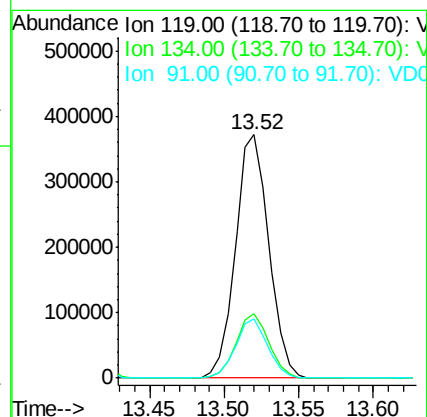
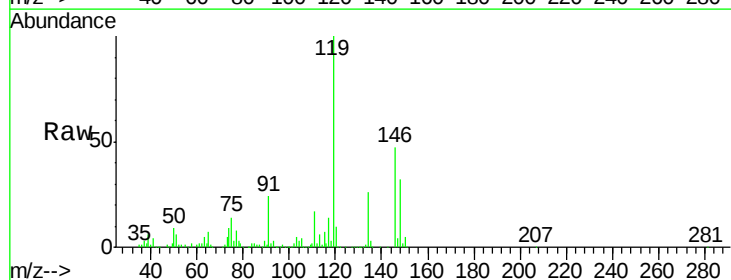
Tgt Ion:119 Resp: 577285

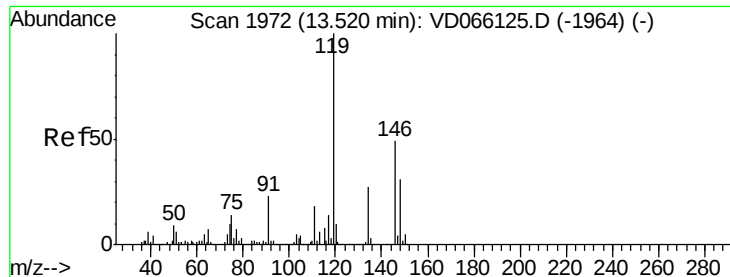
Ion Ratio Lower Upper

119 100

134 25.9 13.5 40.4

91 23.4 11.2 33.5





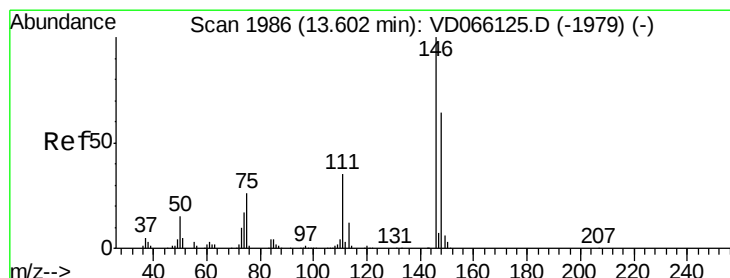
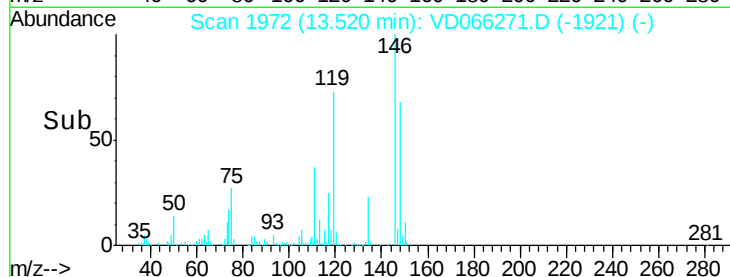
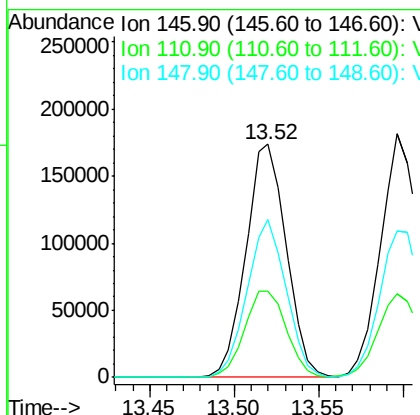
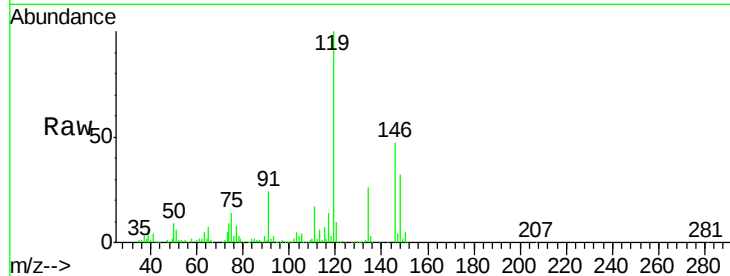
#87
 1,3-Dichlorobenzene
 Concen: 50.917 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	289849		
111	38.4	18.9	56.9	
148	65.4	31.8	95.3	

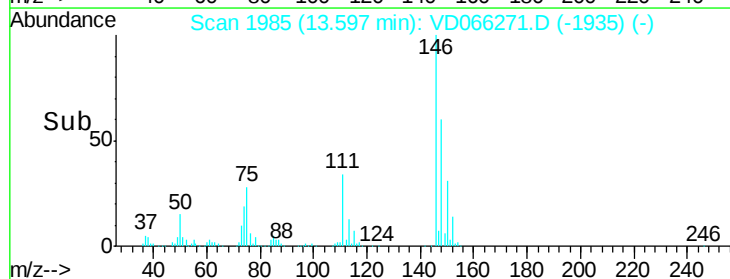
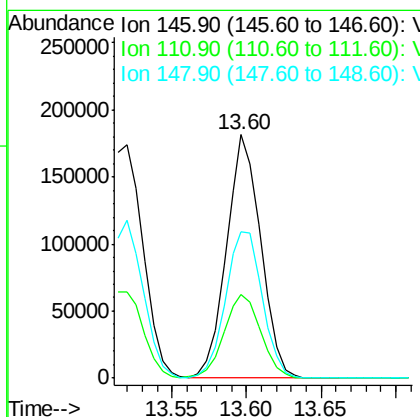
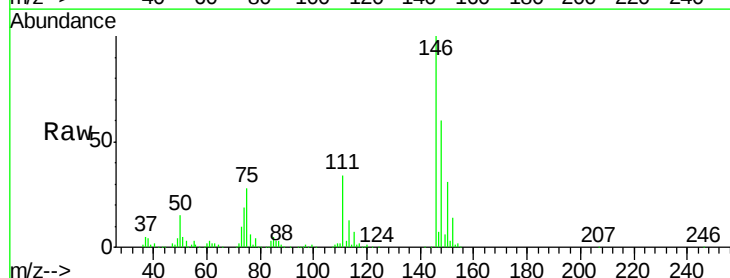
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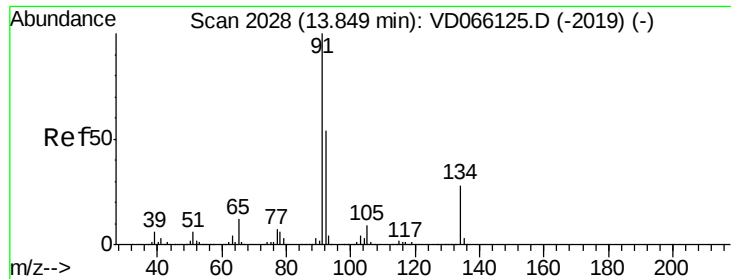
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#88
 1,4-Dichlorobenzene
 Concen: 51.200 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	290668		
111	36.7	18.6	55.8	
148	64.7	32.4	97.0	





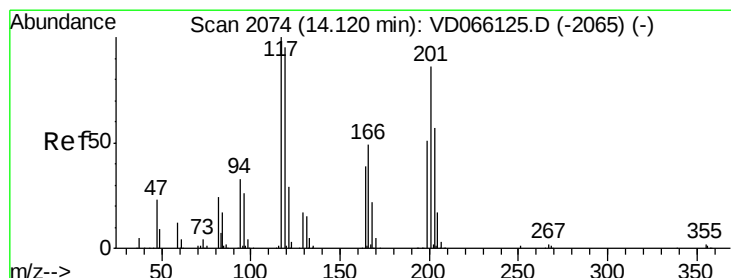
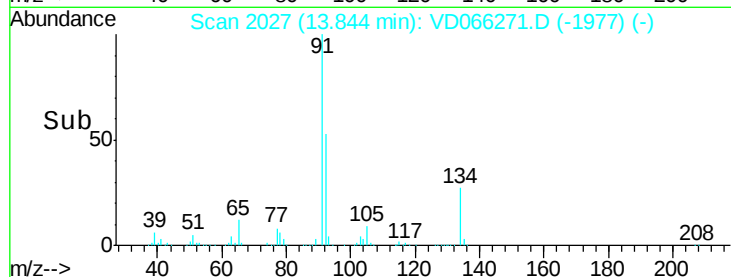
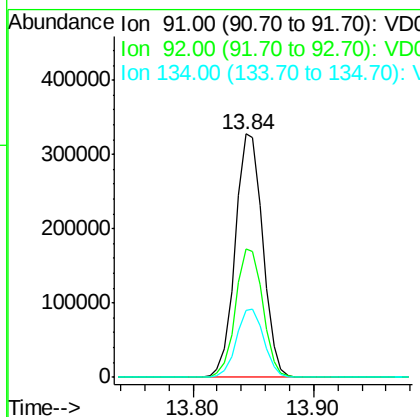
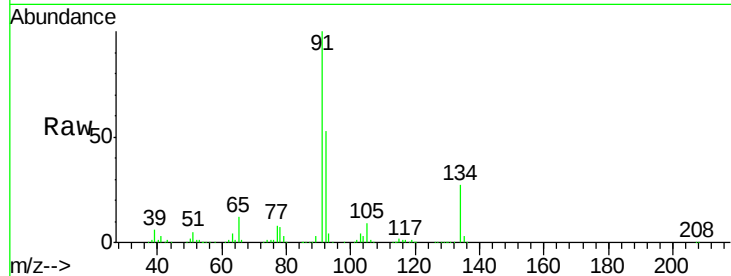
#89
n-Butylbenzene
Concen: 52.914 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.5	26.8	80.3	
134	27.9	14.0	41.9	

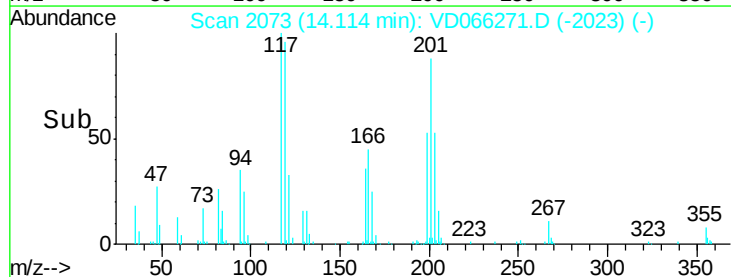
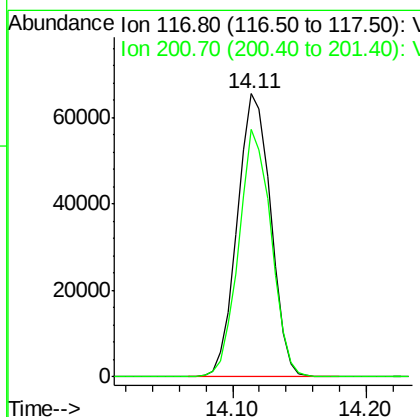
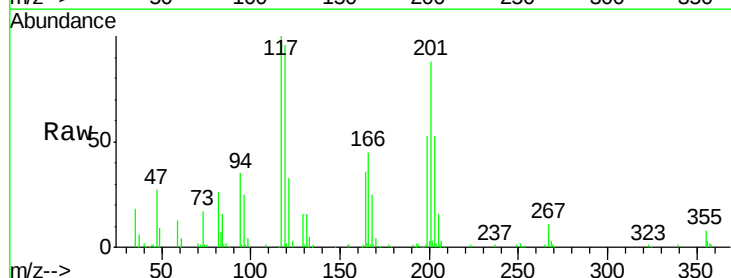
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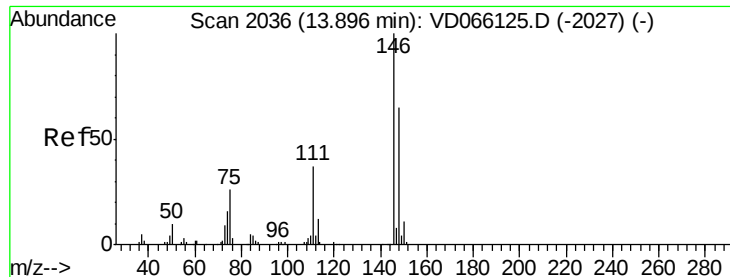
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#90
Hexachloroethane
Concen: 51.965 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	84.8	42.7	128.1	





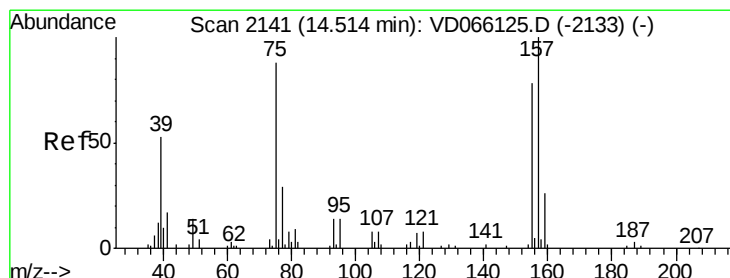
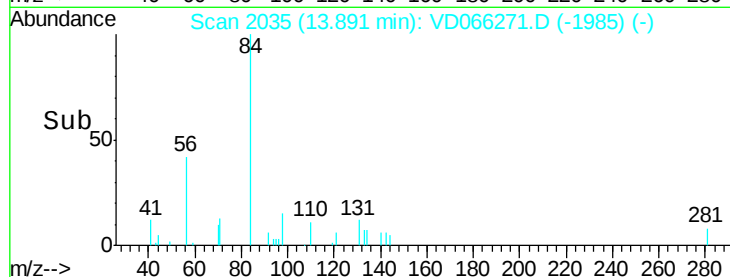
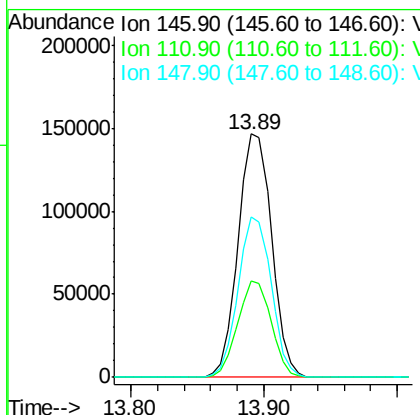
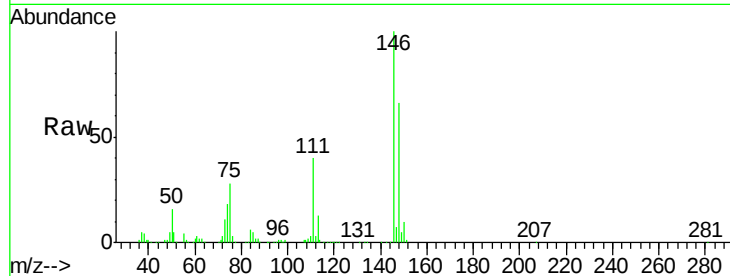
#91
 1,2-Dichlorobenzene
 Concen: 50.735 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.8	56.3
148	65.1	31.9	95.5

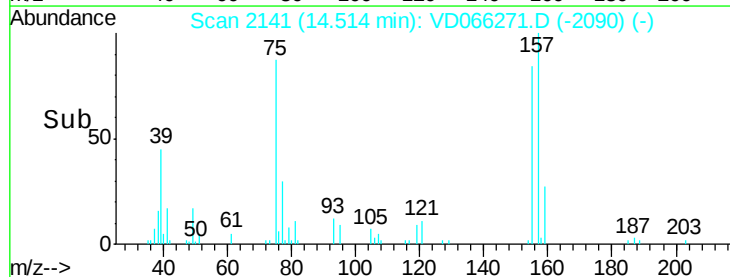
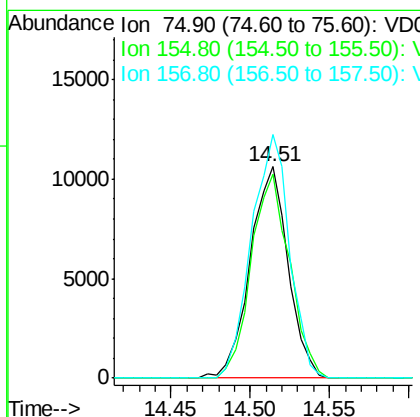
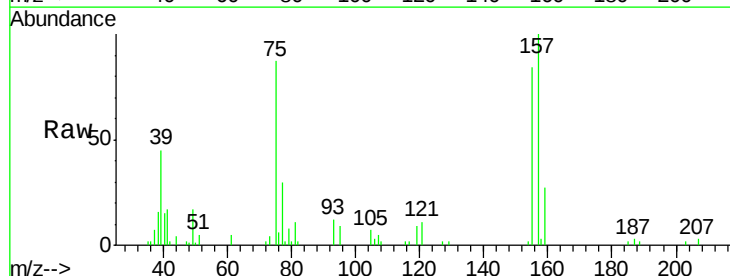
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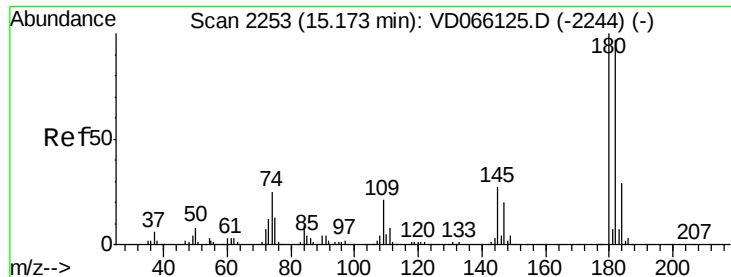
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.429 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	47.7	143.1
157	115.2	62.1	186.2





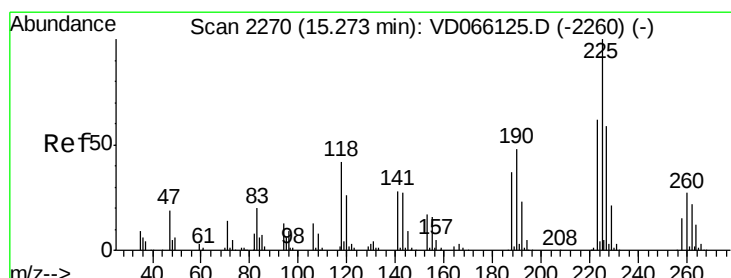
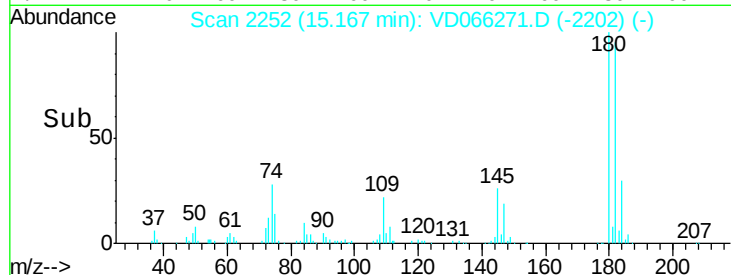
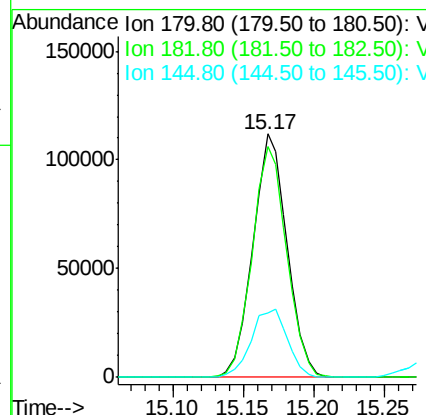
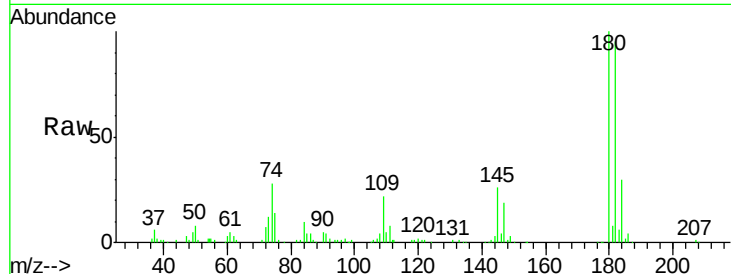
#93
 1,2,4-Trichlorobenzene
 Concen: 51.211 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	189993		
182	96.0	47.4	142.2	
145	29.9	14.5	43.6	

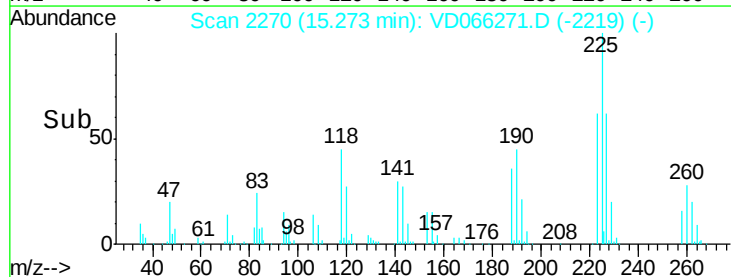
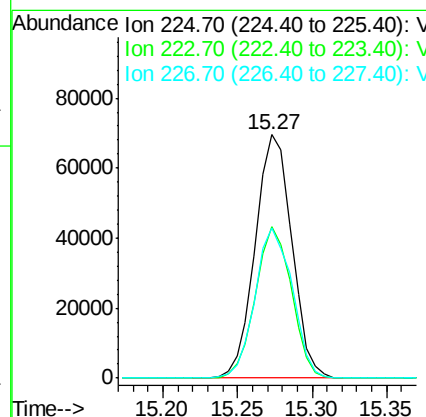
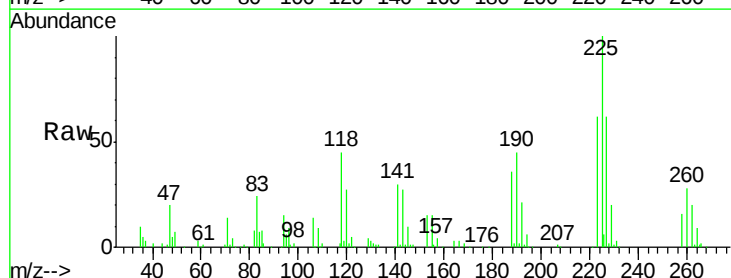
Manual Integrations
 APPROVED

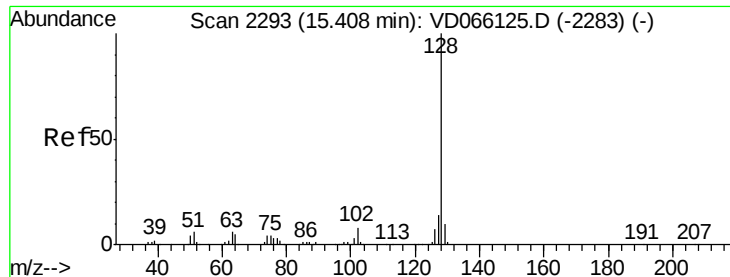
MMDadoda
 8/19/2020 5:23:06 PM



#94
 Hexachlorobutadiene
 Concen: 53.876 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066271.D
 Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	117702		
223	61.5	32.3	96.9	
227	62.8	32.1	96.5	





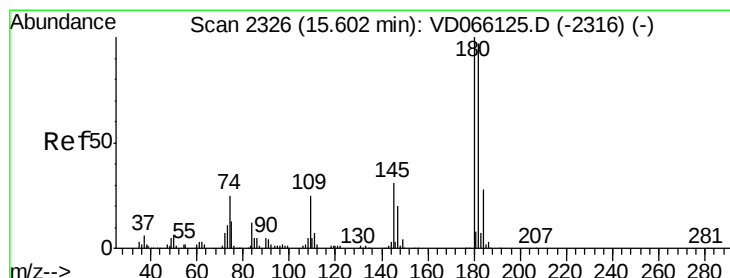
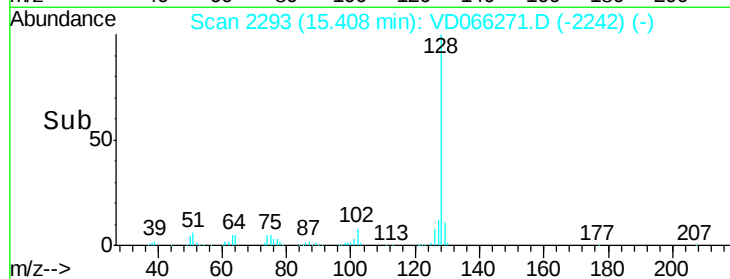
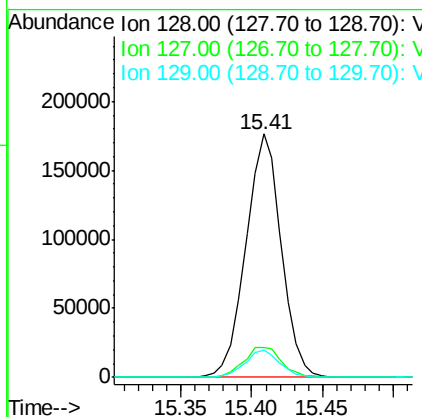
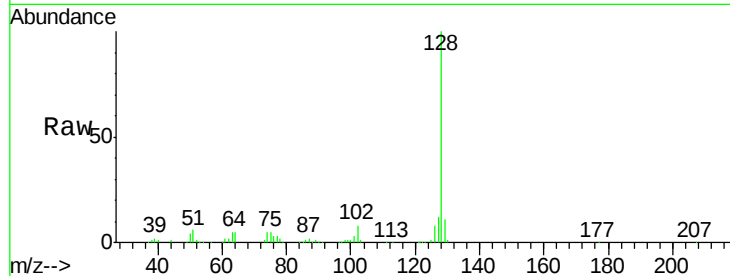
#95
Naphthalene
Concen: 51.162 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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

Manual Integrations
APPROVED

MMDadoda
8/19/2020 5:23:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.452 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066271.D
Acq: 18 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.4
145	31.5	14.9	44.9

