

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066160.D
 Acq On : 07 Aug 2020 16:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 12:24:14 PM

Quant Time: Aug 08 01:27:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	297804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	447396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	416262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	213011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	140285	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
35) Dibromofluoromethane	7.91	113	145287	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	10.34	98	549081	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.64	95	192545	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	111436	42.472	ug/l	99
3) Chloromethane	2.20	50	91928	45.041	ug/l	96
4) Vinyl Chloride	2.34	62	86812	48.043	ug/l	96
5) Bromomethane	2.77	94	59801	49.883	ug/l	99
6) Chloroethane	2.92	64	54195	48.860	ug/l	93
7) Trichlorofluoromethane	3.27	101	219271	46.546	ug/l	99
8) Diethyl Ether	3.70	74	66584	50.092	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	132634	47.441	ug/l	98
10) Methyl Iodide	4.30	142	141280	54.767	ug/l	97
11) Tert butyl alcohol	5.22	59	42450	207.515	ug/l	96
12) 1,1-Dichloroethene	4.06	96	121996	46.256	ug/l	93
13) Acrolein	3.92	56	44567	210.738	ug/l	99
14) Allyl chloride	4.71	41	203056	50.820	ug/l	98
15) Acrylonitrile	5.42	53	141511	252.640	ug/l	99
16) Acetone	4.15	43	121305	240.627	ug/l	98
17) Carbon Disulfide	4.40	76	384044	45.798	ug/l	98
18) Methyl Acetate	4.71	43	61059	47.684	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	306534	50.708	ug/l	100
20) Methylene Chloride	4.96	84	166996	58.472	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	147177	48.577	ug/l	96
22) Diisopropyl ether	6.36	45	421993	53.408	ug/l	98
23) Vinyl Acetate	6.30	43	1222616	264.127	ug/l	98
24) 1,1-Dichloroethane	6.26	63	250991	51.329	ug/l	99
25) 2-Butanone	7.21	43	175638	236.879	ug/l	96
26) 2,2-Dichloropropane	7.20	77	211112	48.170	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	163782	51.539	ug/l	98
28) Bromochloromethane	7.54	49	93422	54.396	ug/l #	98
29) Tetrahydrofuran	7.56	42	116151	252.839	ug/l	97
30) Chloroform	7.71	83	260534	50.742	ug/l	96
31) Cyclohexane	7.98	56	216210	46.450	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	234003	48.607	ug/l	99
36) 1,1-Dichloropropene	8.11	75	198648	47.250	ug/l	99
37) Ethyl Acetate	7.29	43	80615	48.396	ug/l	97
38) Carbon Tetrachloride	8.10	117	218082	46.516	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066160.D
 Acq On : 07 Aug 2020 16:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 12:24:14 PM

Quant Time: Aug 08 01:27:13 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)
39) Methylcyclohexane	9.35	83	241097	47.440	ug/l	96
40) Benzene	8.35	78	570651	48.930	ug/l	98
41) Methacrylonitrile	7.52	41	38087m	38.888	ug/l	
42) 1,2-Dichloroethane	8.42	62	165222	48.223	ug/l	100
43) Isopropyl Acetate	8.45	43	160120	48.787	ug/l	99
44) Trichloroethene	9.11	130	167924	47.782	ug/l	100
45) 1,2-Dichloropropane	9.38	63	142969	50.123	ug/l	94
46) Dibromomethane	9.47	93	78430	49.918	ug/l	98
47) Bromodichloromethane	9.66	83	204454	49.236	ug/l	93
48) Methyl methacrylate	9.45	41	76007	45.354	ug/l	88
49) 1,4-Dioxane	9.46	88	19426	962.372	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	413141	245.066	ug/l	100
52) Toluene	10.40	92	377942	49.248	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	196548	49.875	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	233359	50.541	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	105188	46.494	ug/l	97
56) Ethyl methacrylate	10.66	69	138194	50.848	ug/l	97
57) 1,3-Dichloropropane	10.94	76	187330	49.876	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	350805	286.956	ug/l	99
59) 2-Hexanone	10.98	43	286552	242.195	ug/l	97
60) Dibromochloromethane	11.14	129	150506	48.186	ug/l	98
61) 1,2-Dibromoethane	11.24	107	107109	49.228	ug/l	98
64) Tetrachloroethene	10.88	164	144831	45.310	ug/l	98
65) Chlorobenzene	11.67	112	407979	48.280	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	155810	47.125	ug/l	98
67) Ethyl Benzene	11.74	91	716056	48.899	ug/l	97
68) m/p-Xylenes	11.86	106	547359	96.476	ug/l	97
69) o-Xylene	12.18	106	253528	49.124	ug/l	100
70) Styrene	12.20	104	455734	50.386	ug/l	99
71) Bromoform	12.36	173	91317	46.616	ug/l #	100
73) Isopropylbenzene	12.48	105	703307	49.463	ug/l	100
74) N-amyl acetate	12.29	43	152404	48.674	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	115850	47.782	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	82174m	46.260	ug/l	
77) Bromobenzene	12.76	156	175535	47.957	ug/l	97
78) n-propylbenzene	12.83	91	811609	49.103	ug/l	100
79) 2-Chlorotoluene	12.91	91	466529	49.351	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	590016	49.617	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	39426	49.063	ug/l	99
82) 4-Chlorotoluene	13.01	91	489494	49.051	ug/l	100
83) tert-Butylbenzene	13.23	119	517886	49.521	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	591777	49.727	ug/l	99
85) sec-Butylbenzene	13.41	105	693446	49.113	ug/l	100
86) p-Isopropyltoluene	13.52	119	649543	49.049	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	332002	48.261	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	330208	48.131	ug/l	100
89) n-Butylbenzene	13.85	91	592095	49.903	ug/l	99
90) Hexachloroethane	14.12	117	126162	47.768	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	293910	48.310	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	19955	47.887	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
Data File : VD066160.D
Acq On : 07 Aug 2020 16:20
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:14 PM

Quant Time: Aug 08 01:27:13 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)
93) 1,2,4-Trichlorobenzene	15.17	180	218879	48.819	ug/l	99
94) Hexachlorobutadiene	15.28	225	124757	47.254	ug/l	98
95) Naphthalene	15.41	128	360020	49.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	188487	47.623	ug/l	98

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

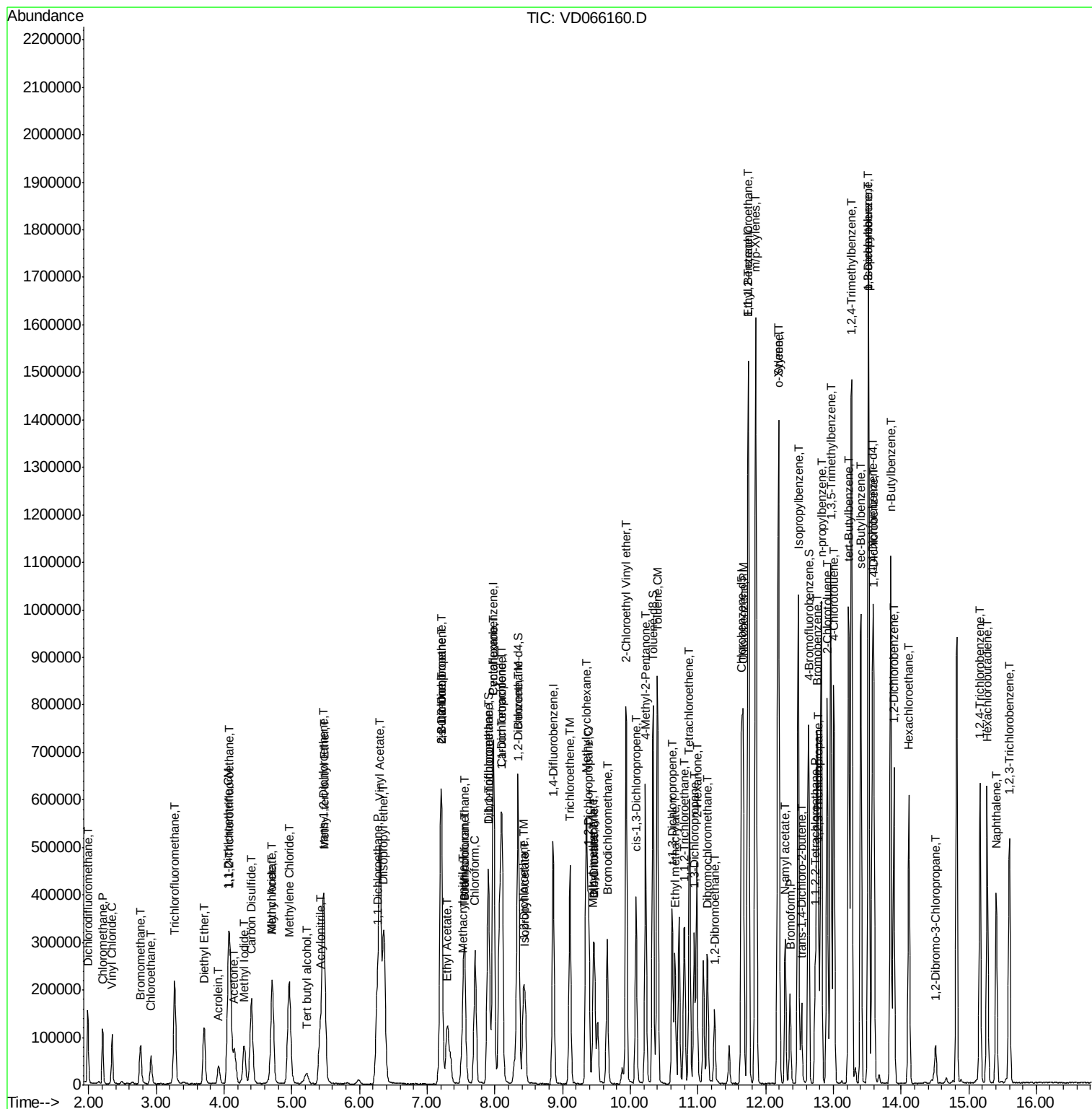
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080720\
Data File : VD066160.D
Acq On : 07 Aug 2020 16:20
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

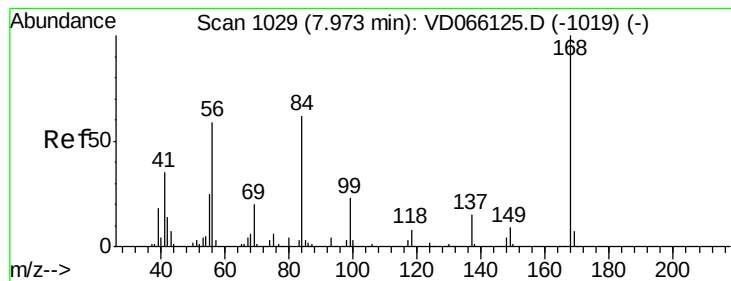
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:14 PM

Quant Time: Aug 08 01:27:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 297804

Ion Ratio Lower Upper

168 100

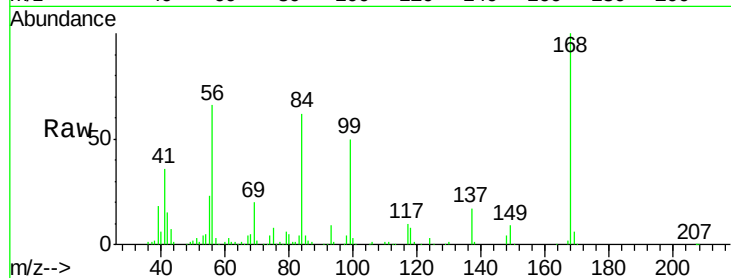
99 49.2 42.2 63.4

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:14 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

150000

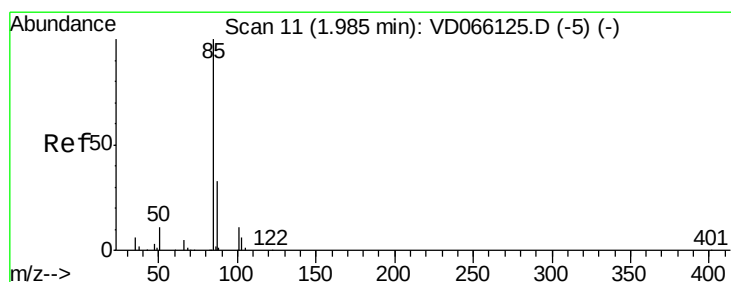
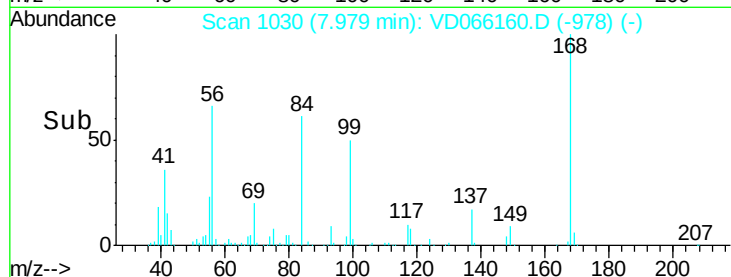
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 42.472 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066160.D

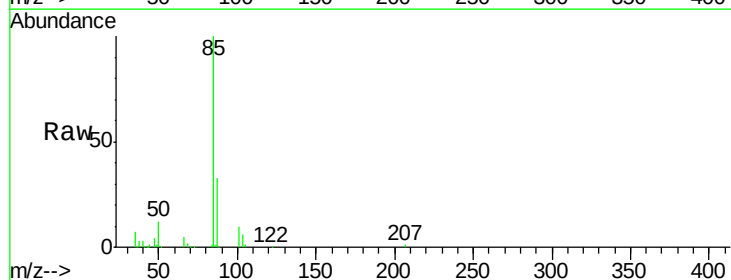
Acq: 07 Aug 2020 16:20

Tgt Ion: 85 Resp: 111436

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

80000

60000

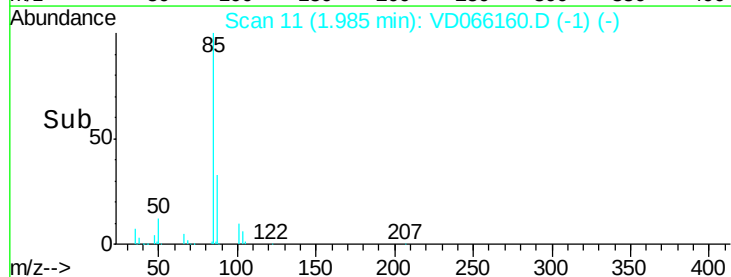
40000

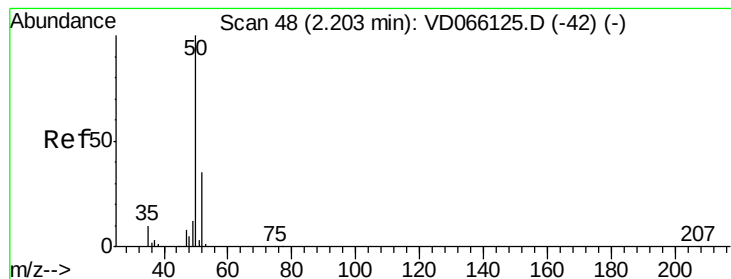
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 45.041 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 91928

Ion Ratio Lower Upper

50 100

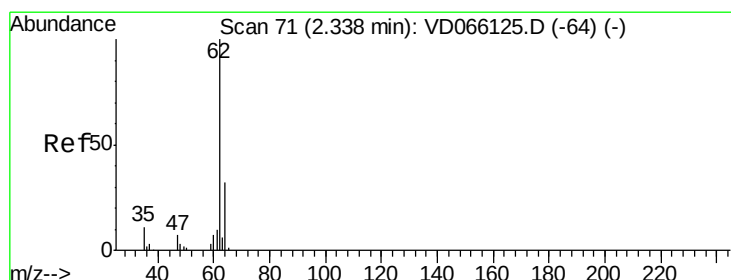
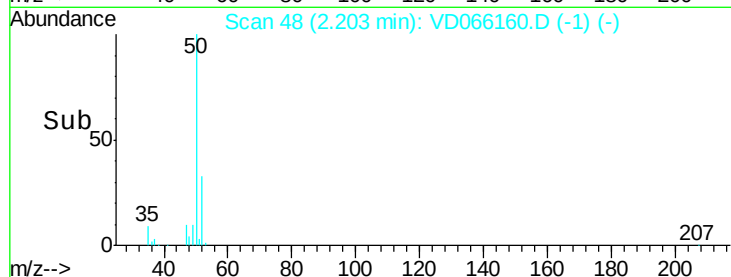
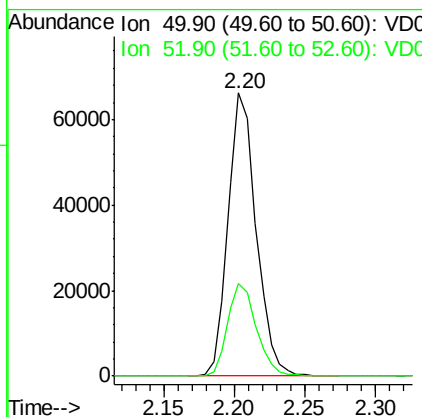
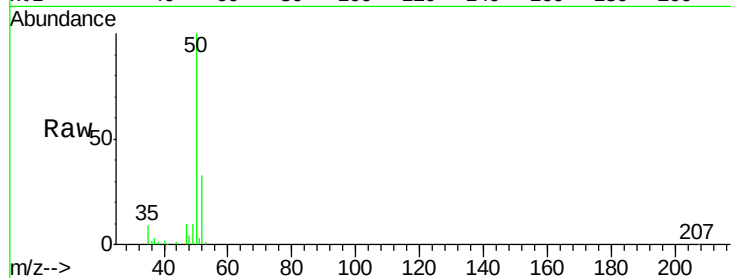
52 32.7 27.9 41.9

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:14 PM



#4

Vinyl Chloride

Concen: 48.043 ug/l

RT: 2.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VD066160.D

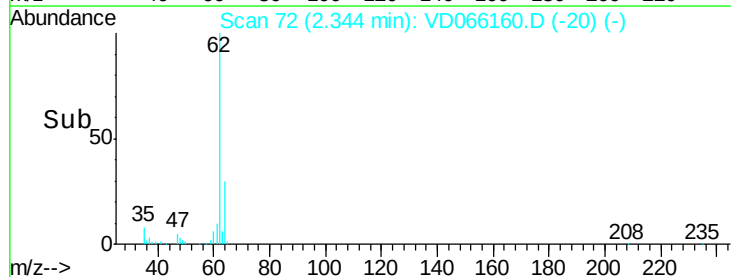
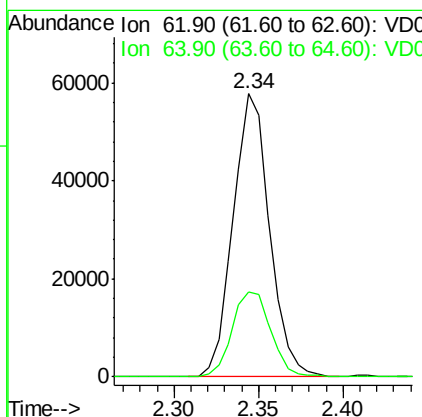
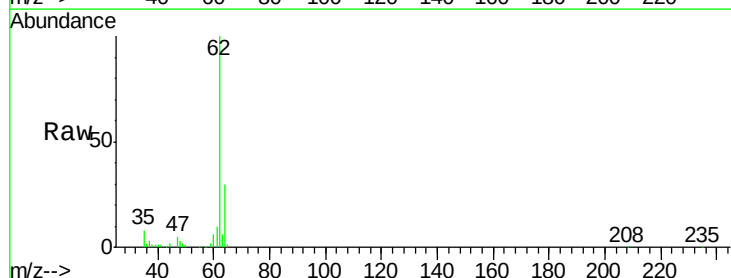
Acq: 07 Aug 2020 16:20

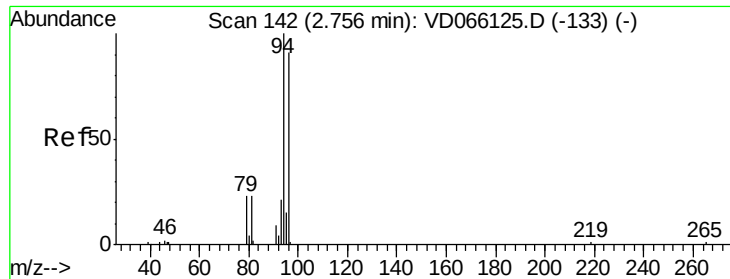
Tgt Ion: 62 Resp: 86812

Ion Ratio Lower Upper

62 100

64 30.1 25.8 38.8





#5

Bromomethane

Concen: 49.883 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 59801

Ion Ratio Lower Upper

94 100

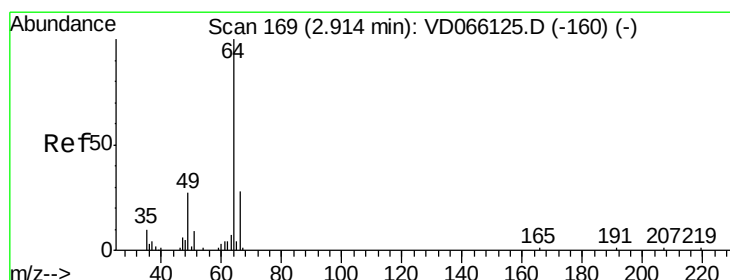
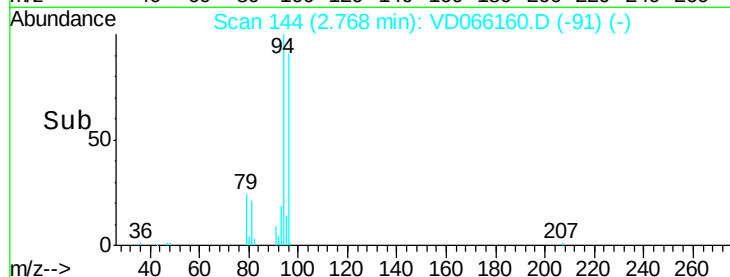
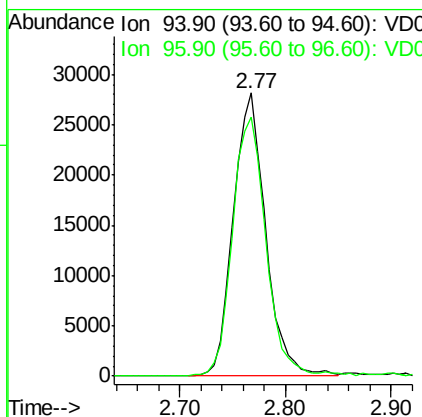
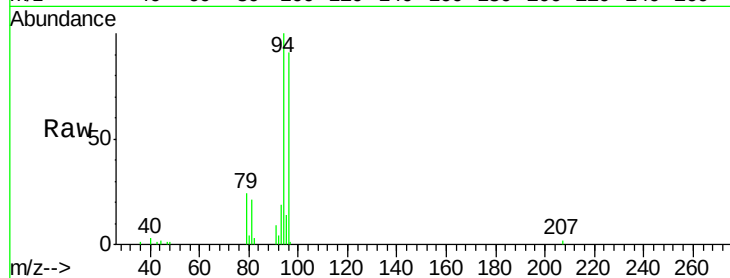
96 91.3 72.6 109.0

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:14 PM



#6

Chloroethane

Concen: 48.860 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066160.D

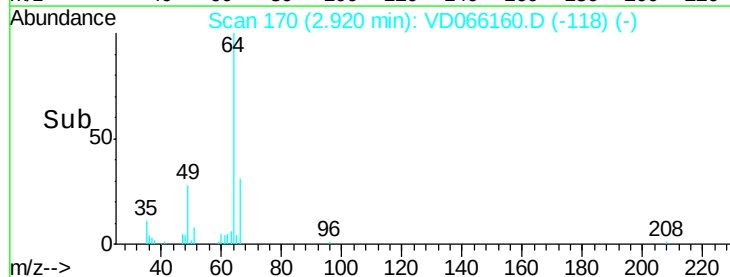
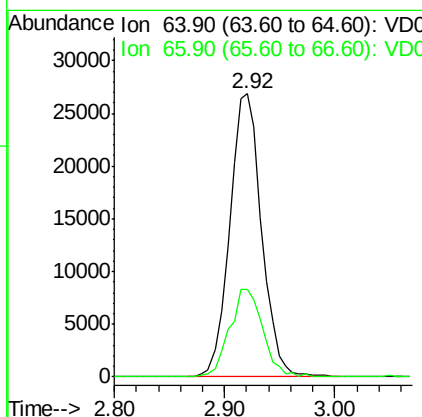
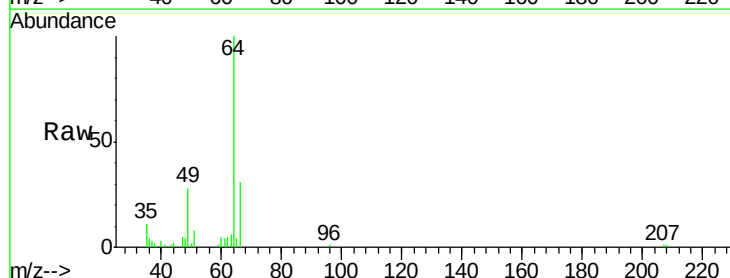
Acq: 07 Aug 2020 16:20

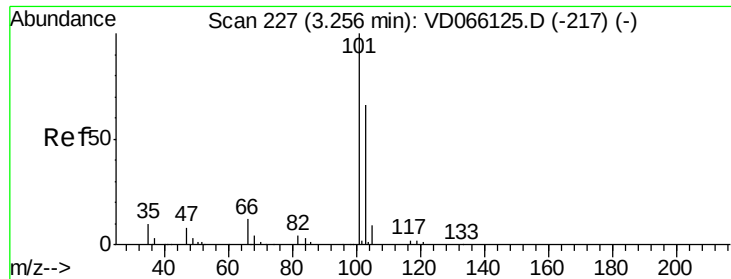
Tgt Ion: 64 Resp: 54195

Ion Ratio Lower Upper

64 100

66 31.0 22.0 33.0





#7

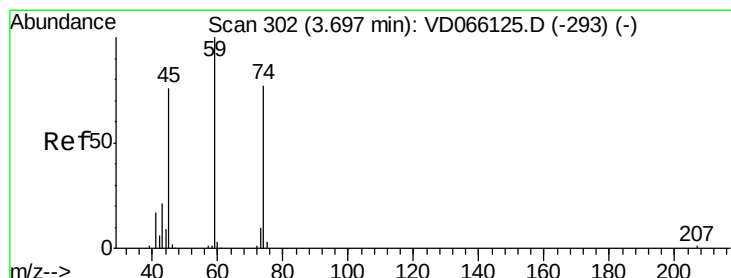
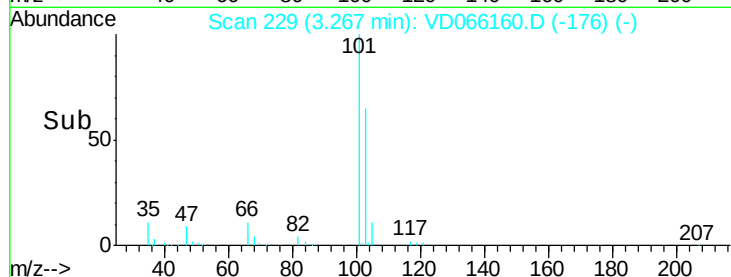
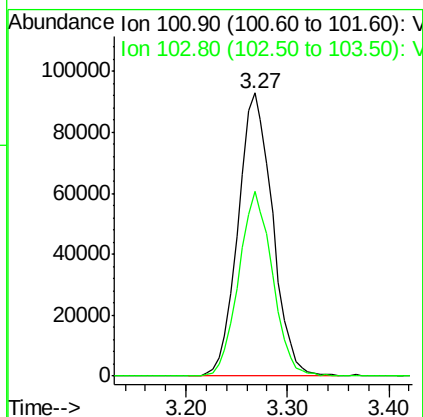
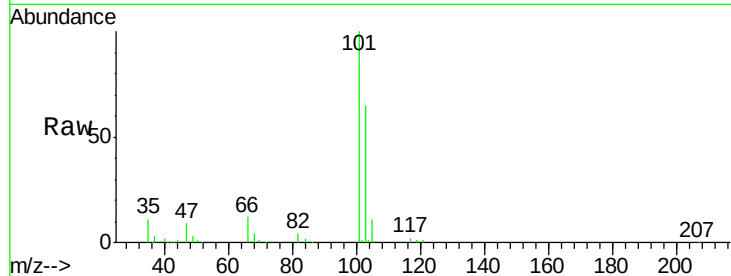
Trichlorofluoromethane
Concen: 46.546 ug/l
RT: 3.27 min Scan# 229
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	219271		
103	65.4	53.0	79.6	

Manual Integrations
APPROVED

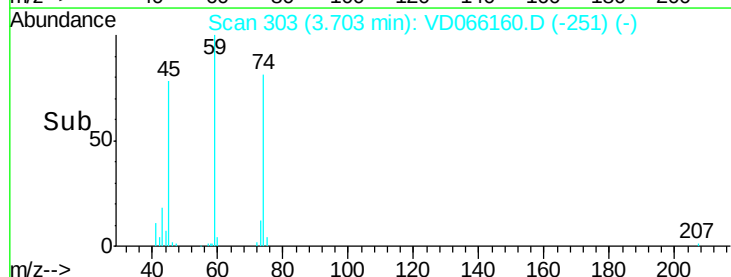
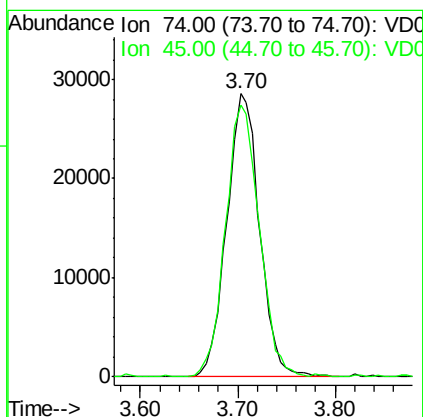
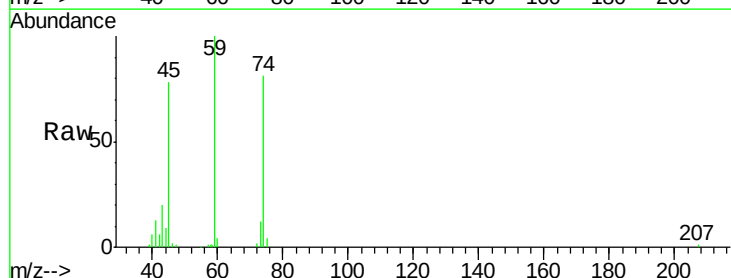
MMDadoda
8/10/2020 12:24:14 PM

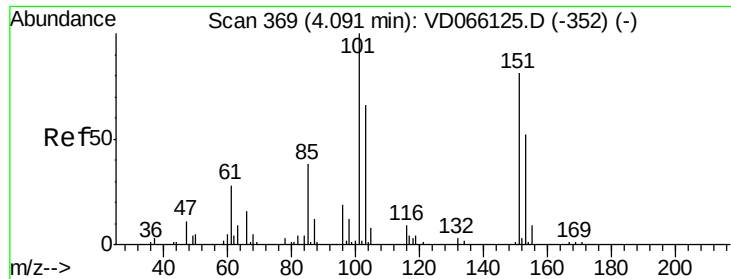


#8

Diethyl Ether
Concen: 50.092 ug/l
RT: 3.70 min Scan# 303
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	66584		
45	99.0	48.4	145.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.441 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

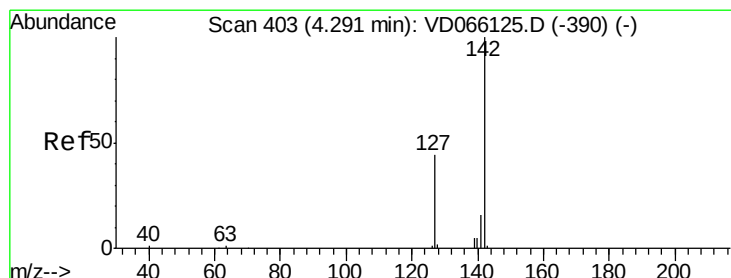
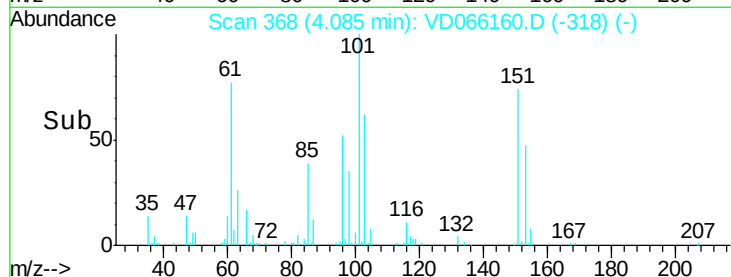
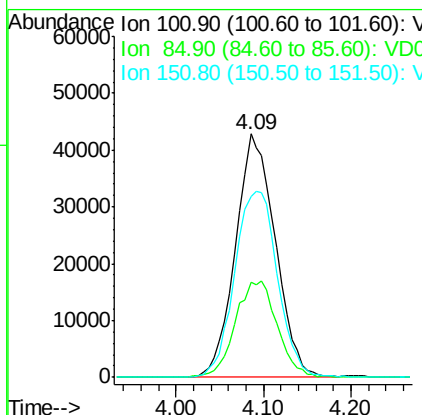
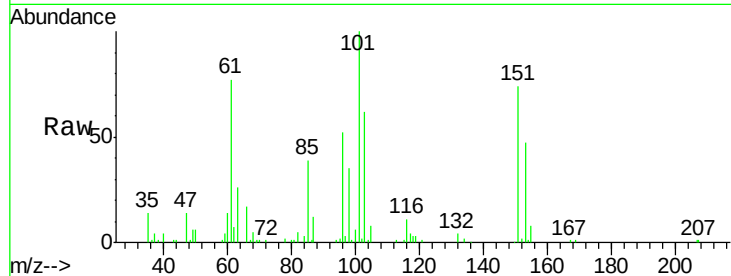
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	132634
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.5	50.3
151	82.6	67.8	101.8

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:14 PM



#10

Methyl Iodide

Concen: 54.767 ug/l

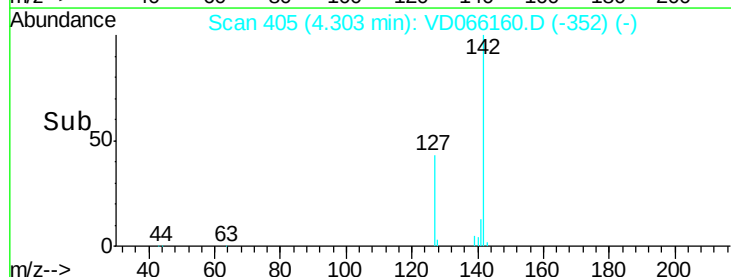
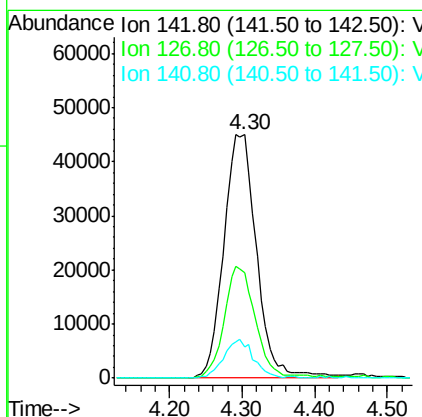
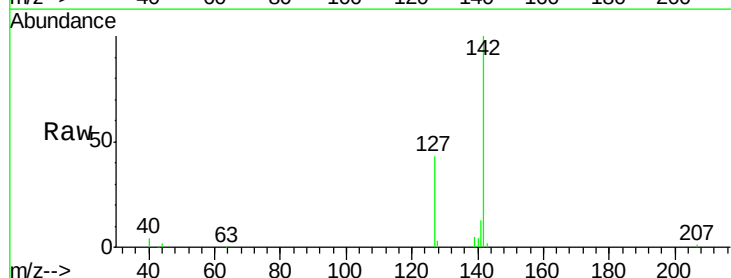
RT: 4.30 min Scan# 405

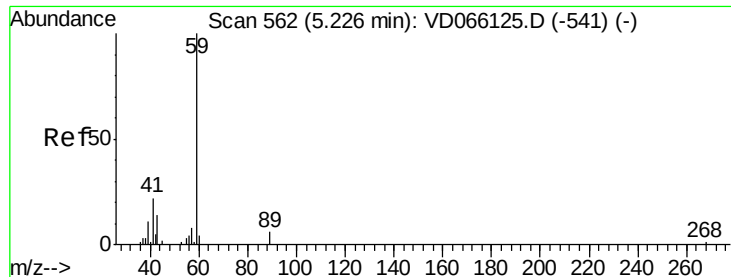
Delta R.T. 0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Tgt Ion:	142	Resp:	141280
Ion Ratio	Lower	Upper	
142	100		
127	43.0	36.2	54.4
141	14.5	12.6	18.8





#11

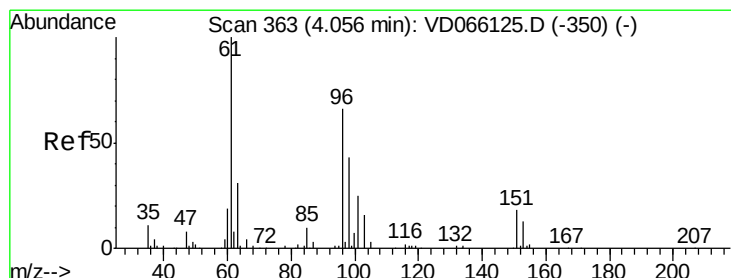
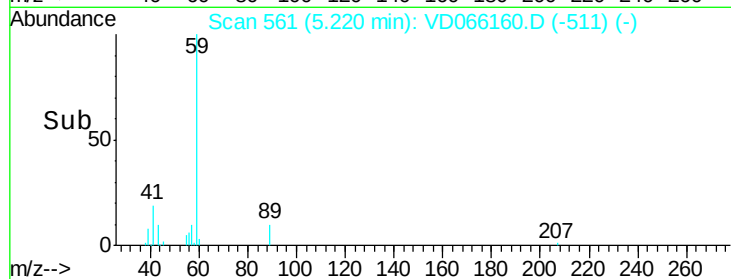
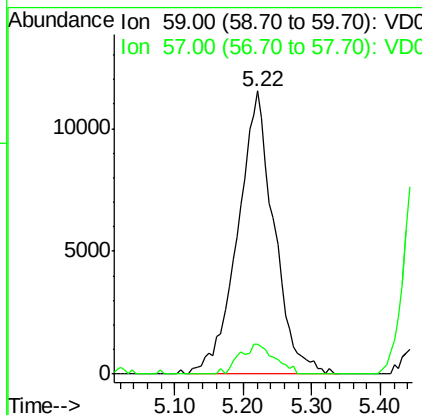
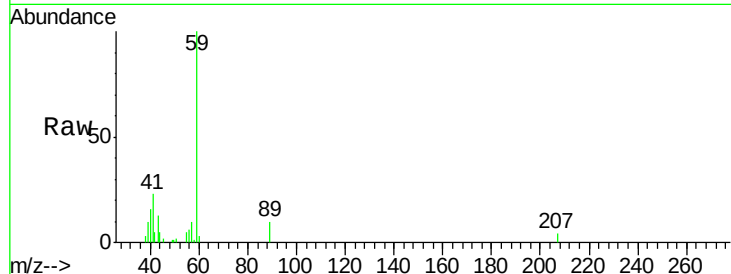
Tert butyl alcohol
 Concen: 207.515 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.0	10.4

Manual Integrations
 APPROVED

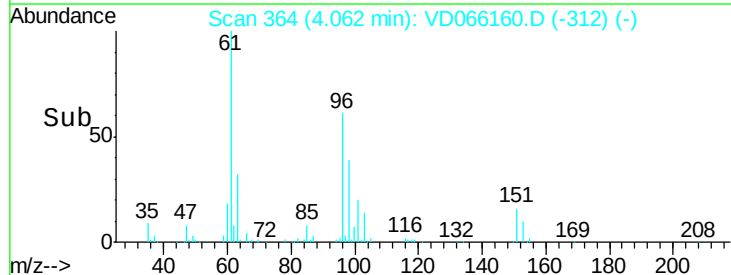
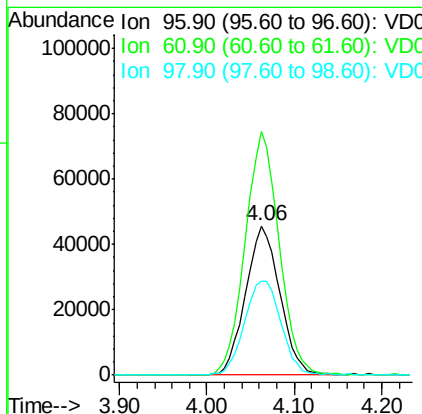
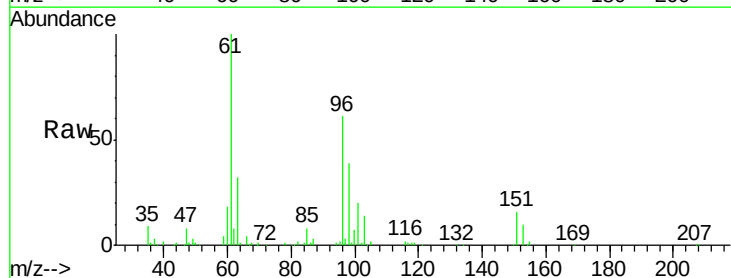
MMDadoda
 8/10/2020 12:24:14 PM

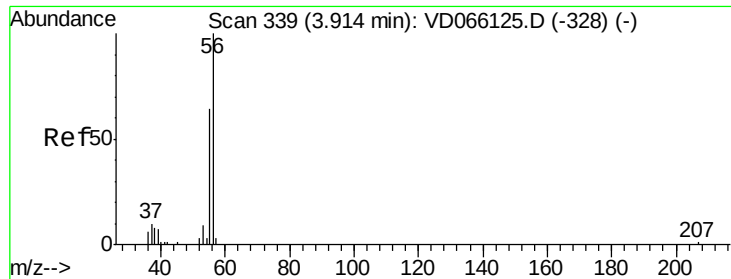


#12

1,1-Dichloroethene
 Concen: 46.256 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.0	121.6	182.4
98	63.2	52.0	78.0





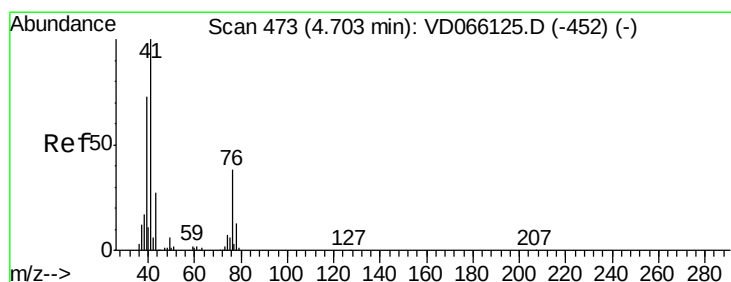
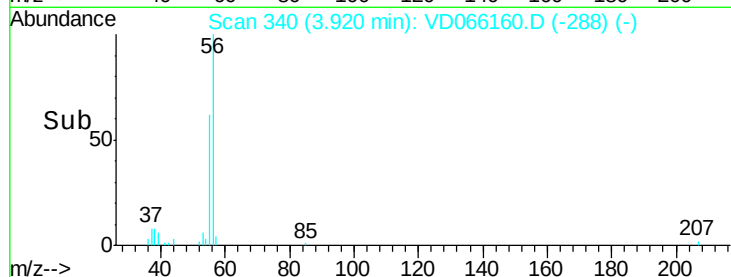
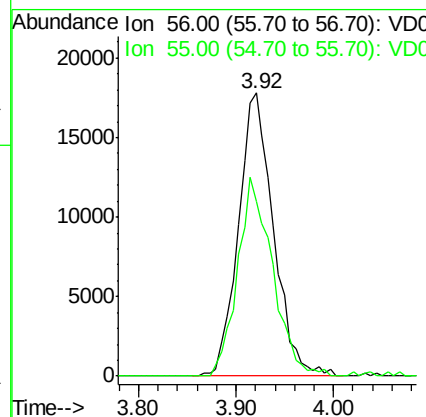
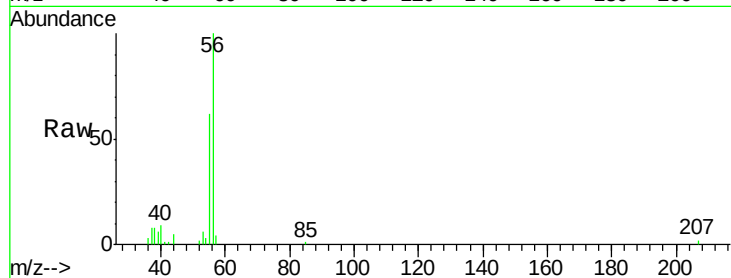
#13
Acrolein
Concen: 210.738 ug/l
RT: 3.92 min Scan# 340
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	55	Ratio	Lower	Upper
44567	100	69.9		56.7	85.1

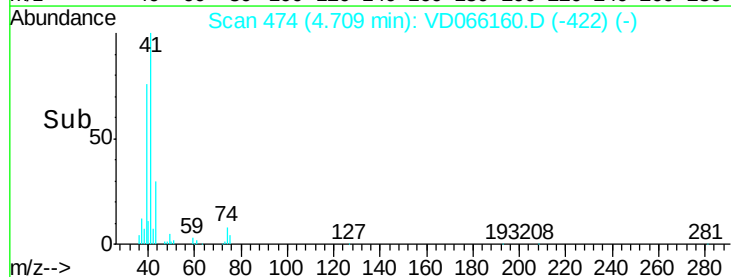
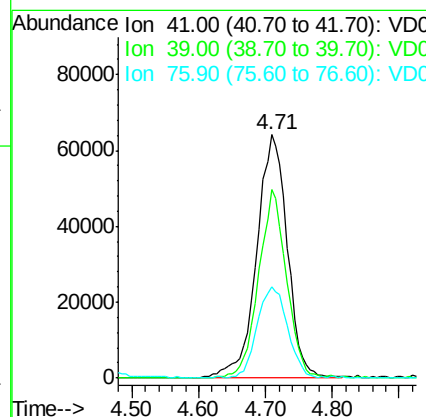
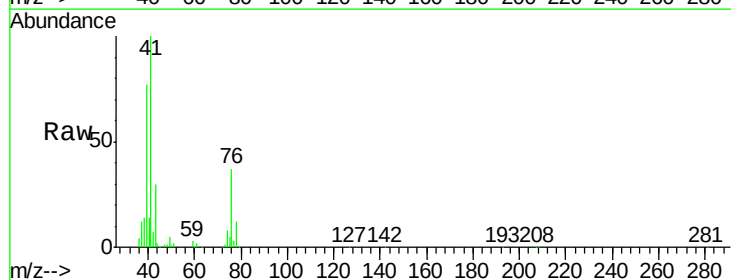
Manual Integrations
APPROVED

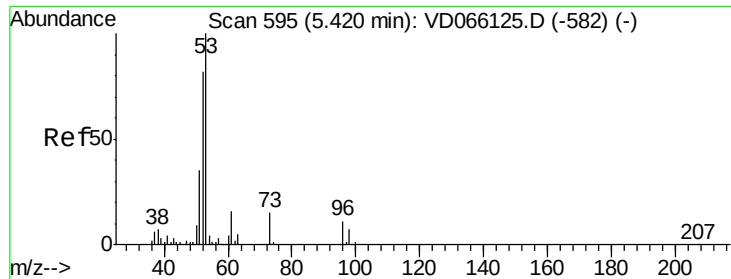
MMDadoda
8/10/2020 12:24:14 PM



#14
Allyl chloride
Concen: 50.820 ug/l
RT: 4.71 min Scan# 474
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	41	39	76	Ratio	Lower	Upper
203056	100	70.5	36.4		57.4	86.0





#15

Acrylonitrile

Concen: 252.640 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

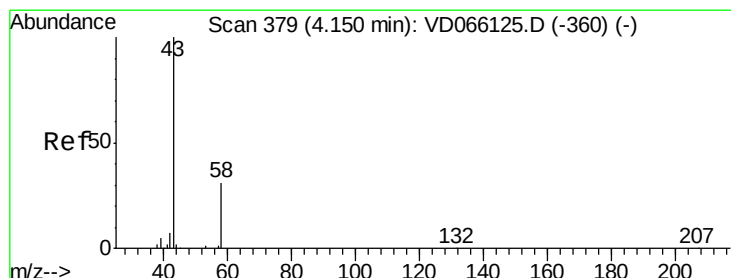
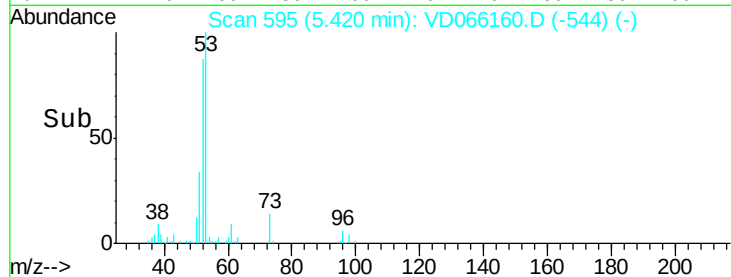
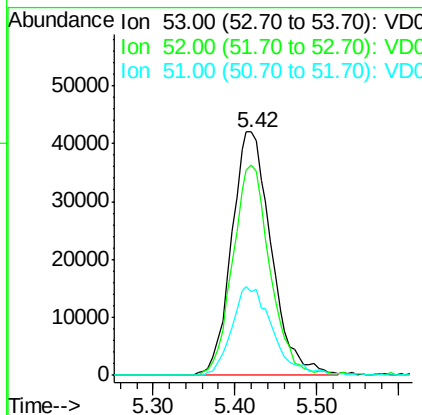
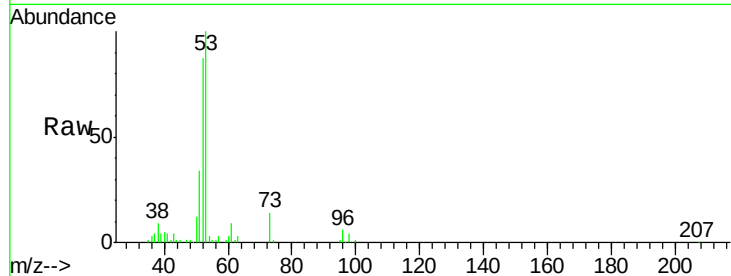
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	141511
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.1	99.1
51	37.4	30.8	46.2

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:14 PM



#16

Acetone

Concen: 240.627 ug/l

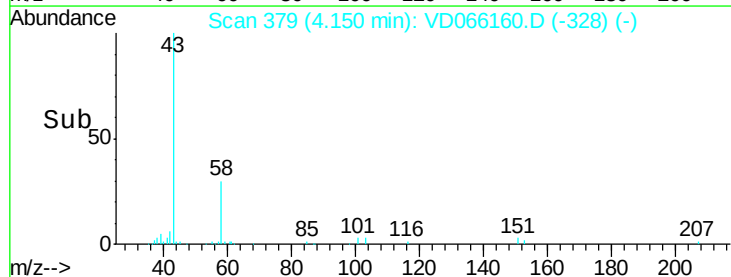
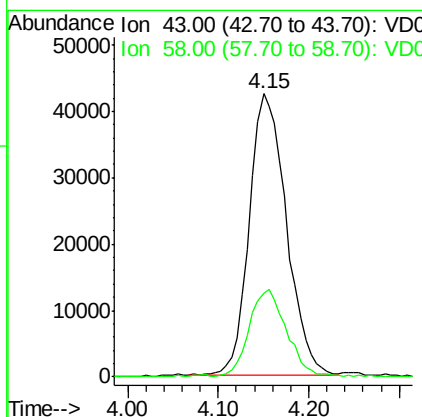
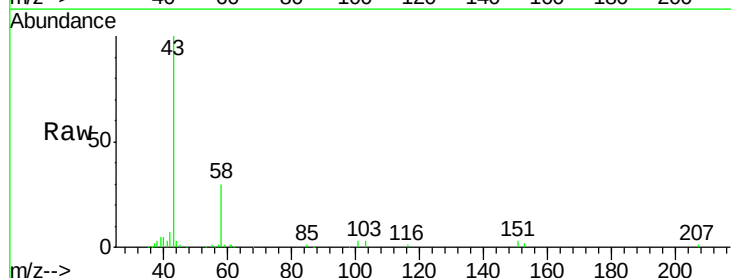
RT: 4.15 min Scan# 379

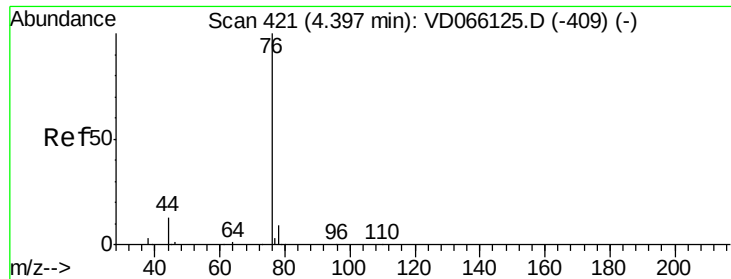
Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Tgt Ion:	43	Resp:	121305
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.7	37.1





#17

Carbon Disulfide

Concen: 45.798 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 384044

Ion Ratio Lower Upper

76 100

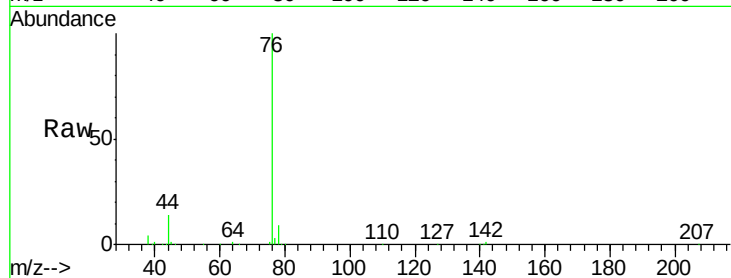
78 8.7 7.5 11.3

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:14 PM



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

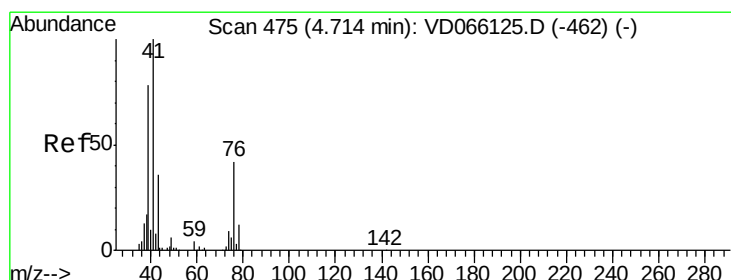
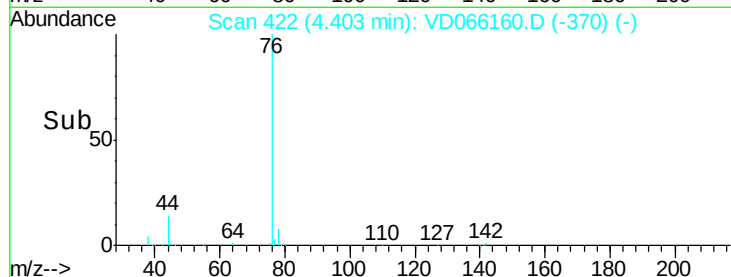
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.684 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066160.D

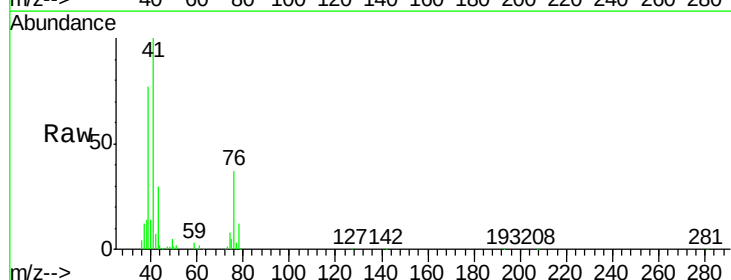
Acq: 07 Aug 2020 16:20

Tgt Ion: 43 Resp: 61059

Ion Ratio Lower Upper

43 100

74 24.8 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

20000

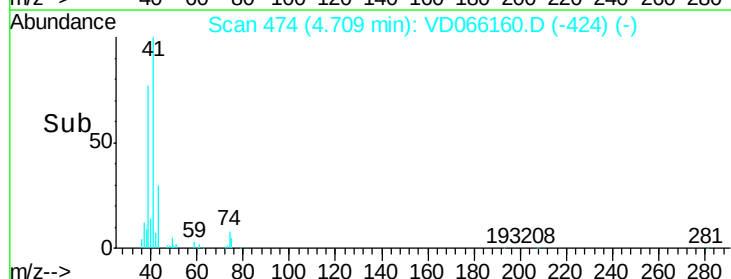
15000

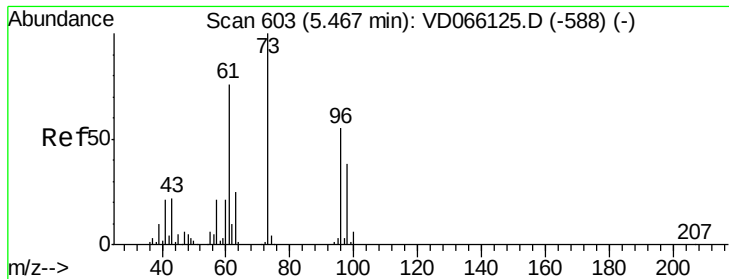
10000

5000

0

Time-->





#19

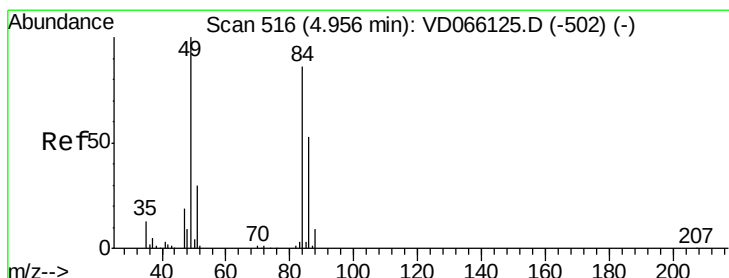
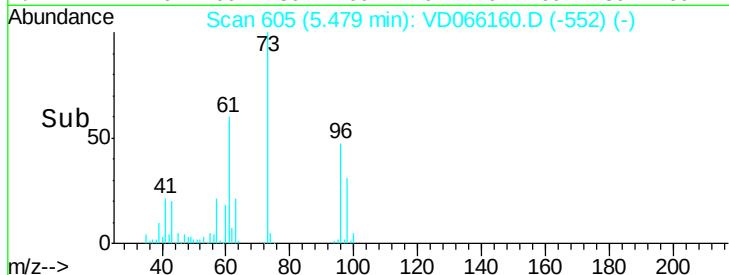
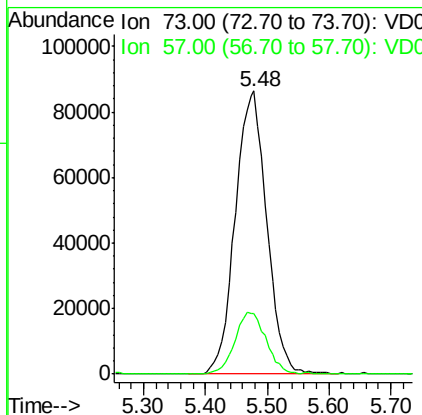
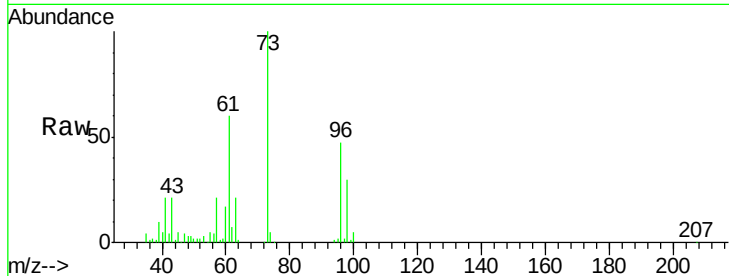
Methyl tert-butyl Ether
 Concen: 50.708 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.1	25.7

Manual Integrations
 APPROVED

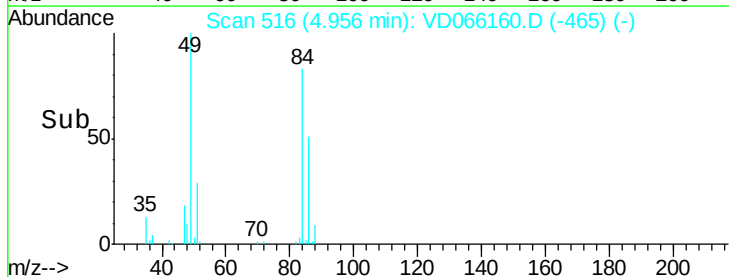
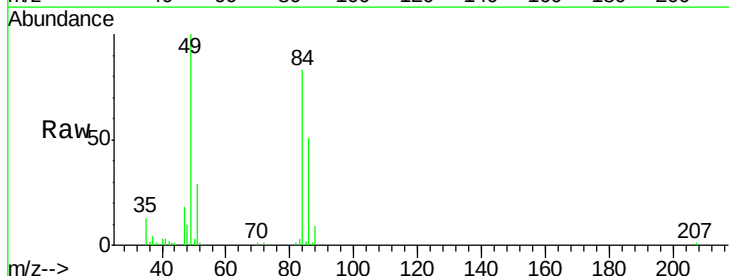
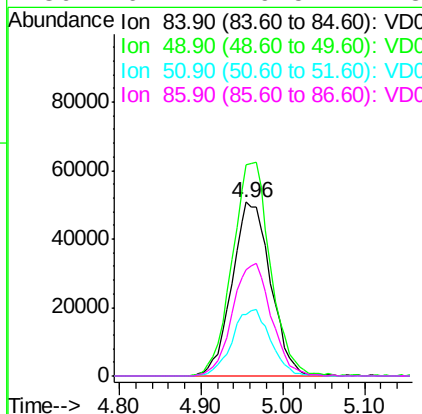
MMDadoda
 8/10/2020 12:24:14 PM

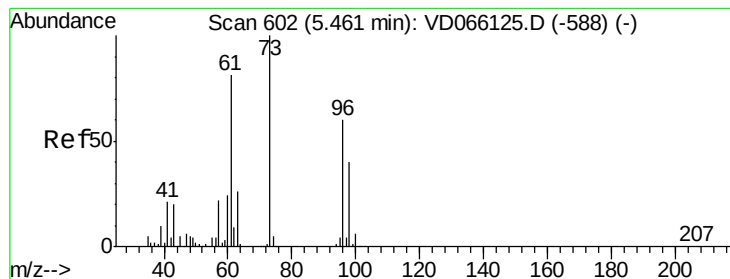


#20

Methylene Chloride
 Concen: 58.472 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.2	93.5	140.3
51	35.5	28.2	42.4
86	61.4	49.5	74.3





#21

trans-1,2-Dichloroethene

Concen: 48.577 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

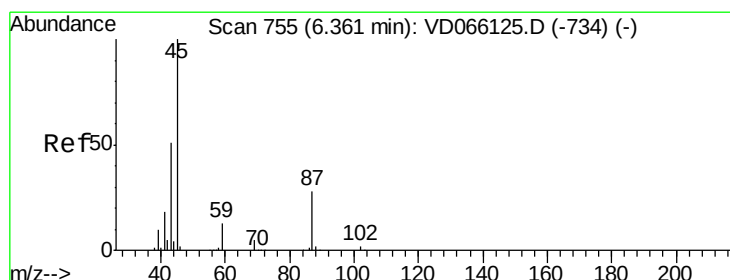
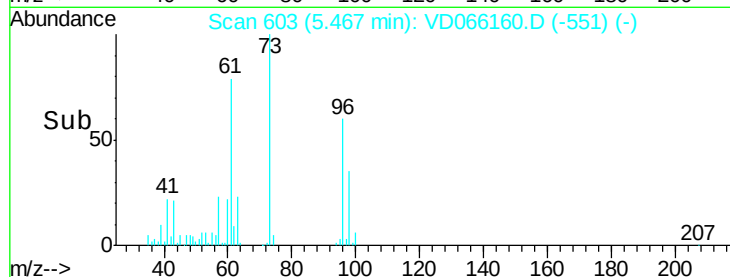
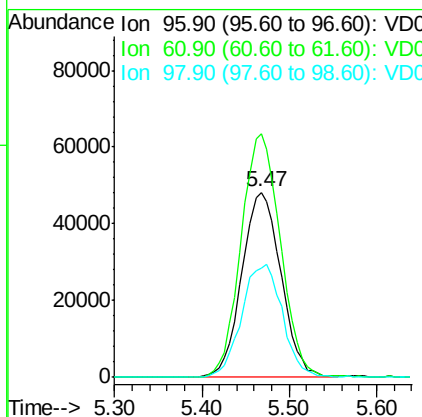
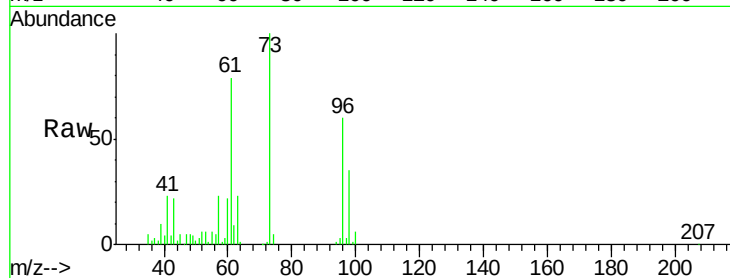
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	147177
Ion	Ratio	Lower	Upper
96	100		
61	131.3	106.9	160.3
98	59.1	53.4	80.0

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:14 PM



#22

Diisopropyl ether

Concen: 53.408 ug/l

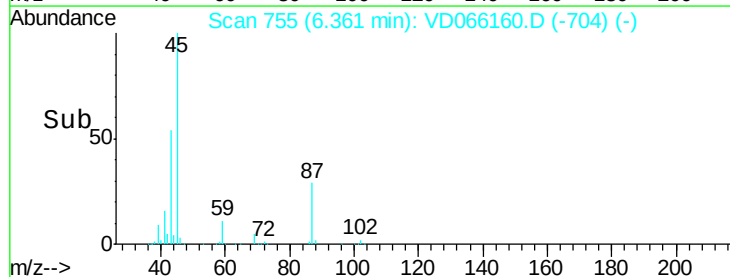
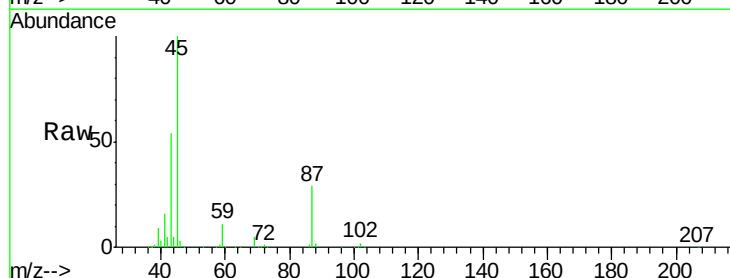
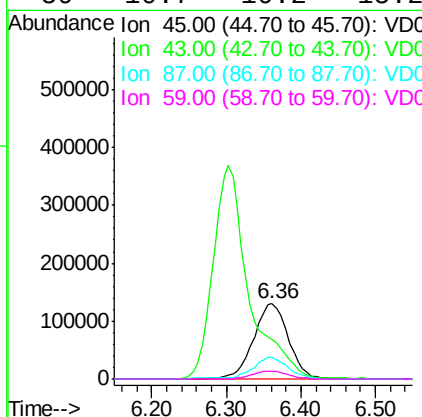
RT: 6.36 min Scan# 755

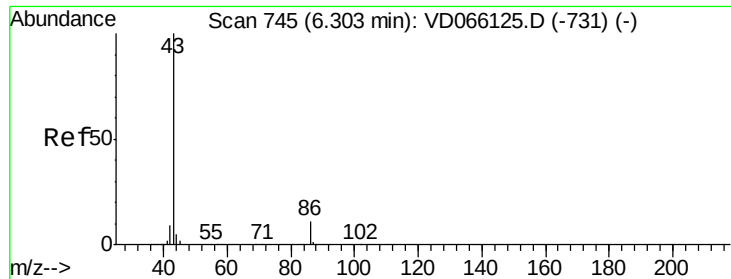
Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Tgt Ion:	45	Resp:	421993
Ion	Ratio	Lower	Upper
45	100		
43	52.6	41.2	61.8
87	29.0	22.8	34.2
59	10.7	10.2	15.2





#23

Vinyl Acetate

Concen: 264.127 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1222616

Ion Ratio Lower Upper

43 100

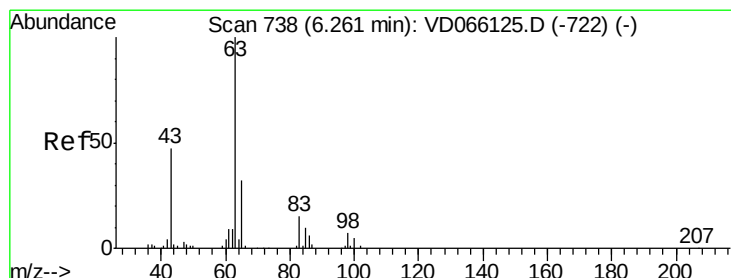
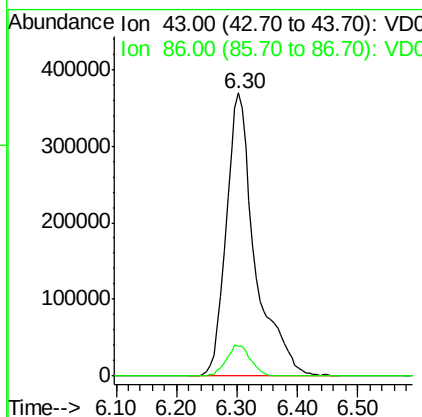
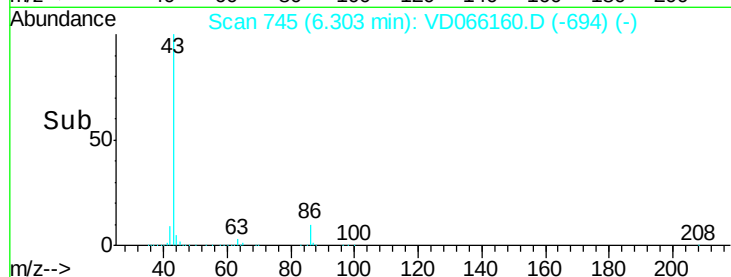
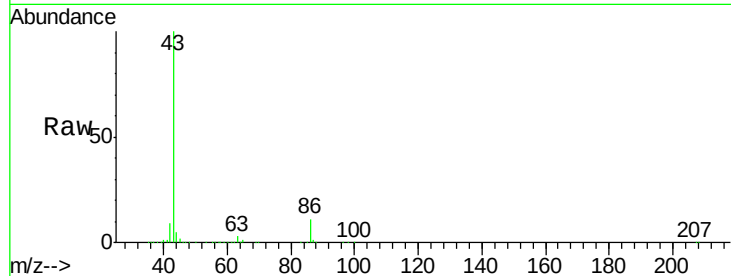
86 10.5 9.1 13.7

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:14 PM



#24

1,1-Dichloroethane

Concen: 51.329 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

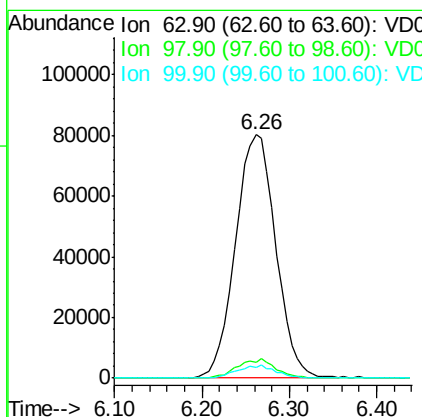
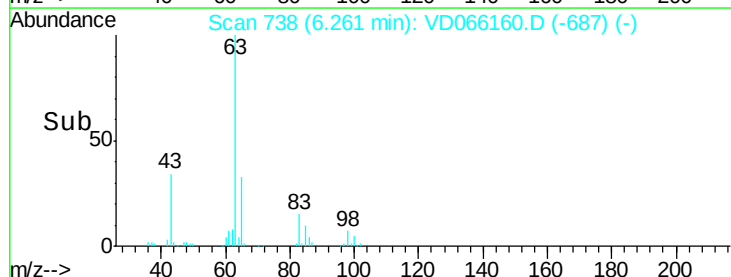
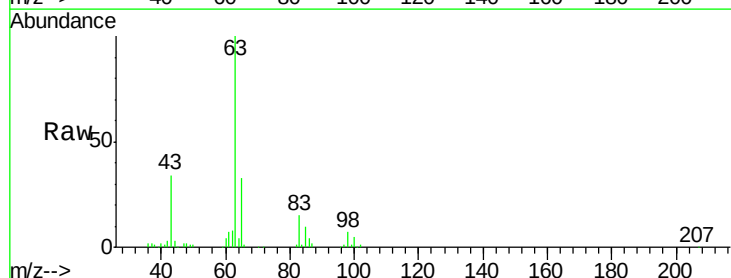
Tgt Ion: 63 Resp: 250991

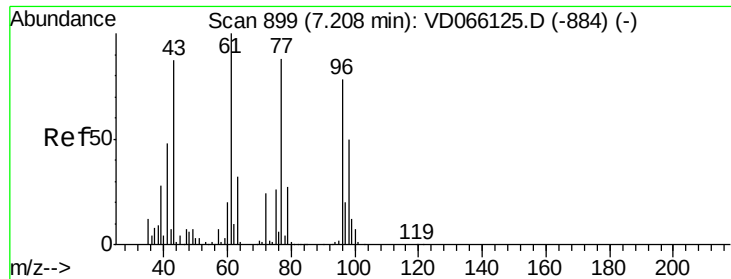
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 236.879 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 175638

Ion Ratio Lower Upper

43 100

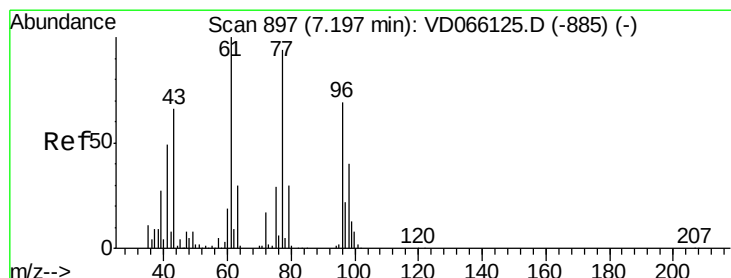
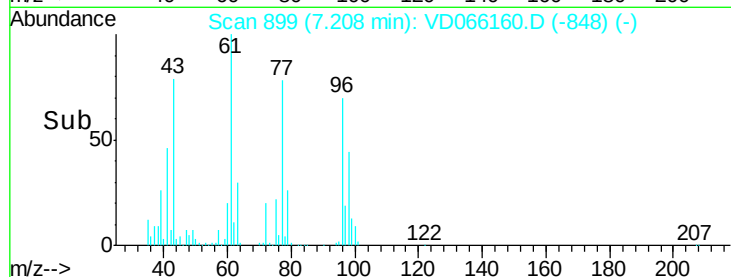
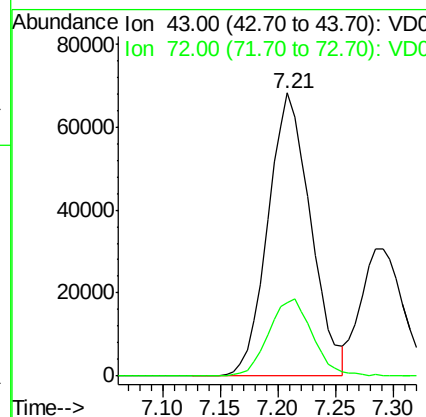
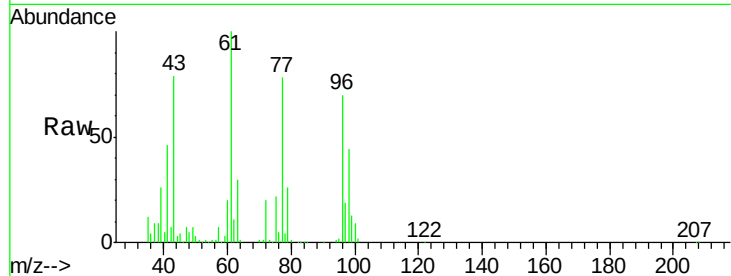
72 25.8 22.2 33.2

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:14 PM



#26

2,2-Dichloropropane

Concen: 48.170 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066160.D

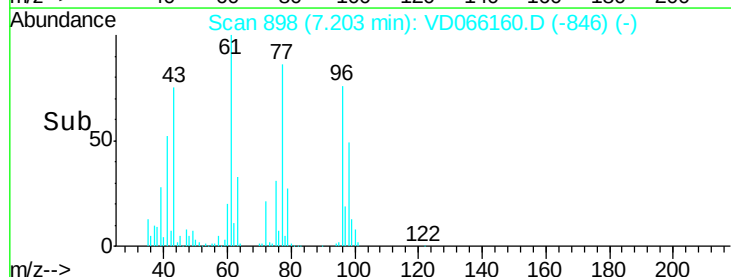
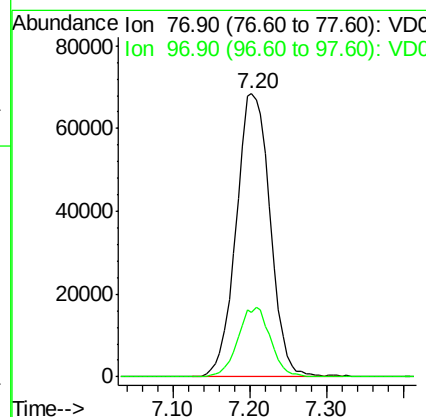
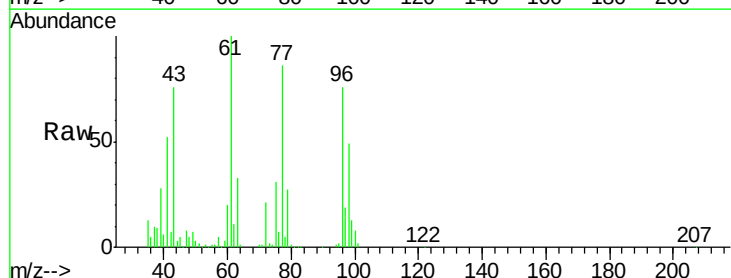
Acq: 07 Aug 2020 16:20

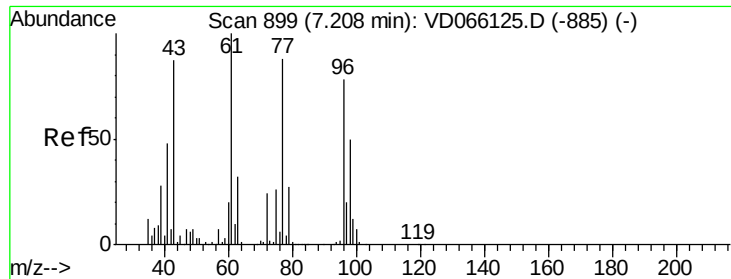
Tgt Ion: 77 Resp: 211112

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3





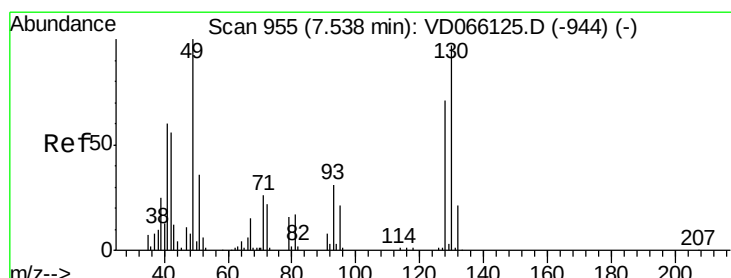
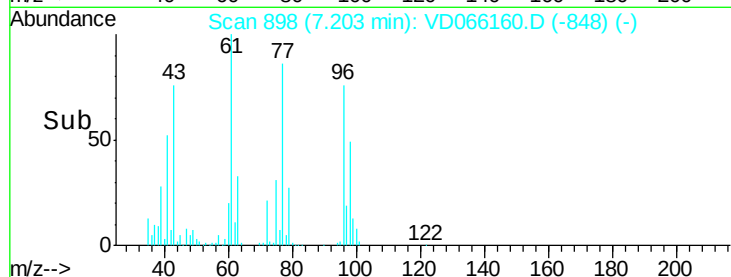
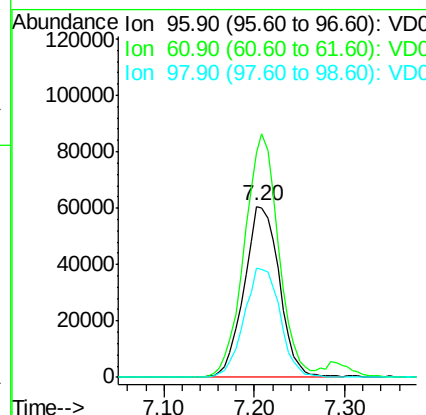
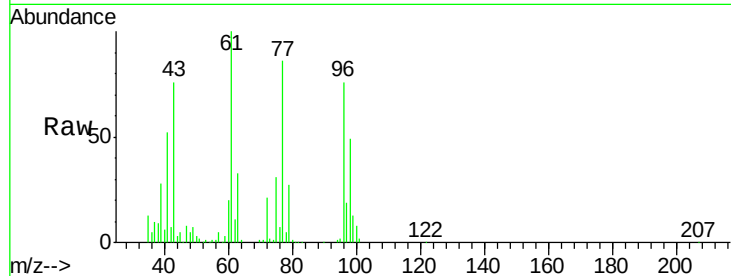
#27
 cis-1,2-Dichloroethene
 Concen: 51.539 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	163782		
61	138.2	0.0	281.6	
98	65.2	0.0	130.8	

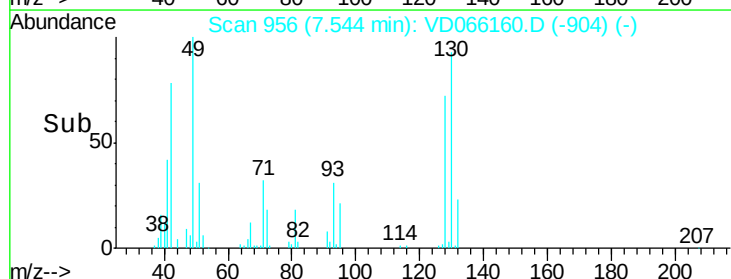
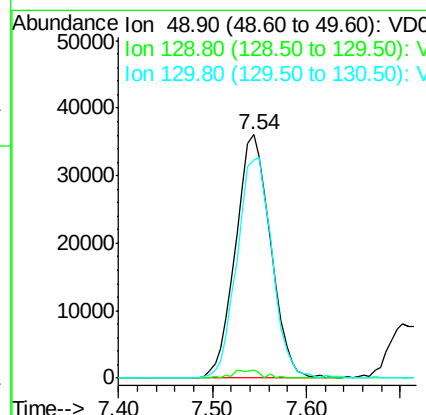
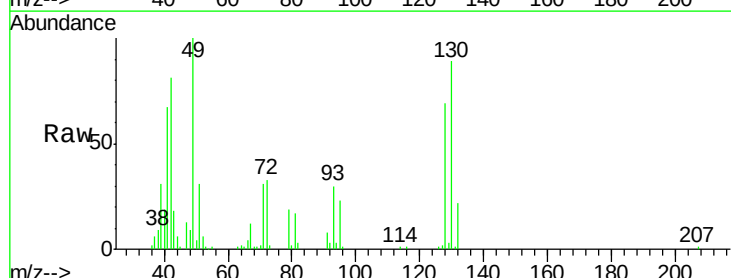
Manual Integrations
 APPROVED

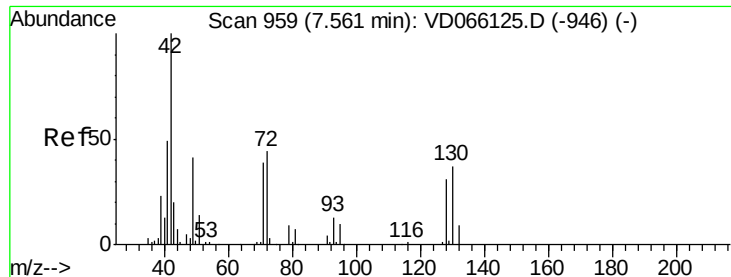
MMDadoda
 8/10/2020 12:24:14 PM



#28
 Bromochloromethane
 Concen: 54.396 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	93422		
129	0.0	0.0	6.0	
130	90.1	73.8	110.6	





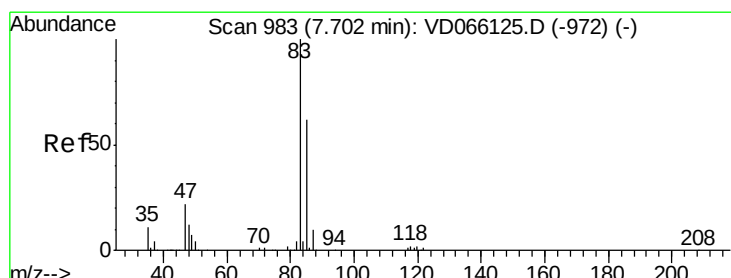
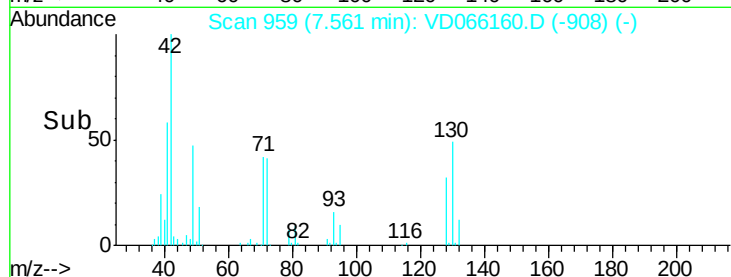
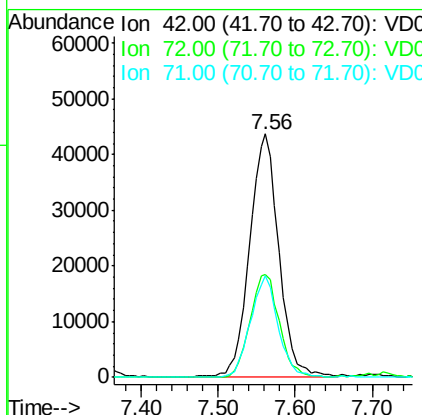
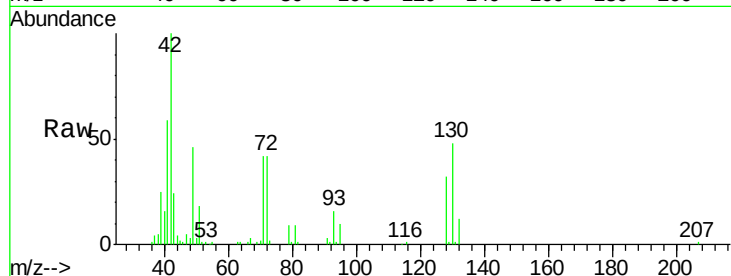
#29
Tetrahydrofuran
Concen: 252.839 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	34.8	52.2
71	39.6	33.5	50.3

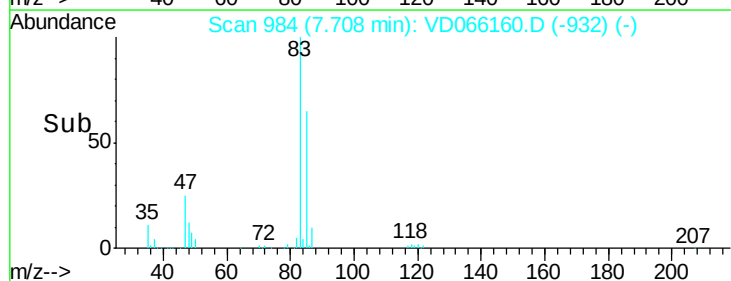
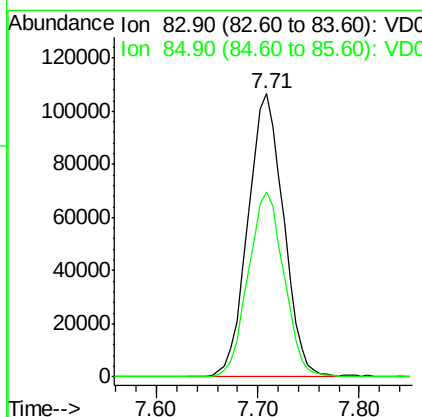
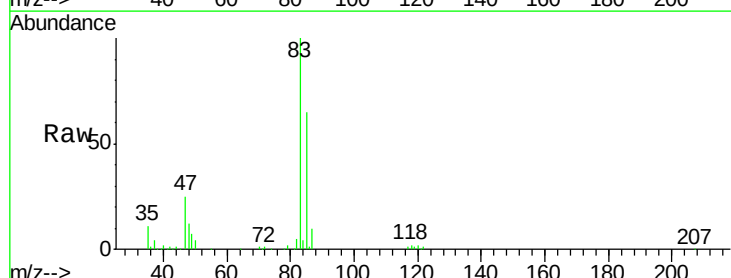
Manual Integrations
APPROVED

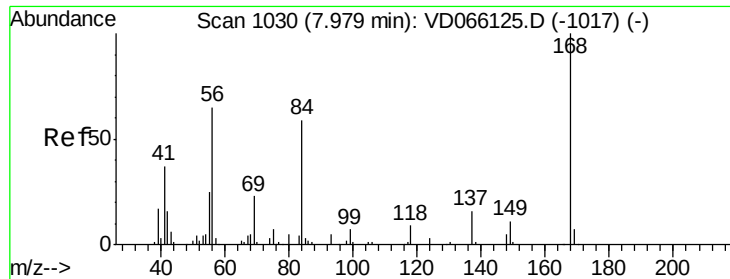
MMDadoda
8/10/2020 12:24:14 PM



#30
Chloroform
Concen: 50.742 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	49.5	74.3





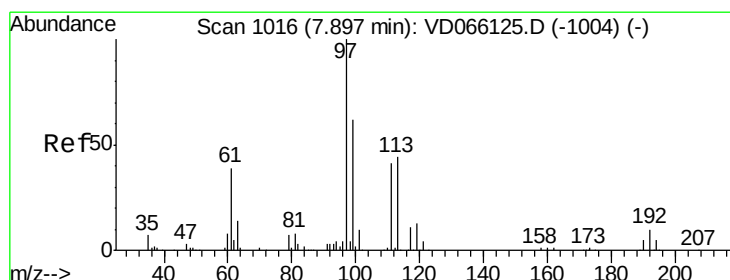
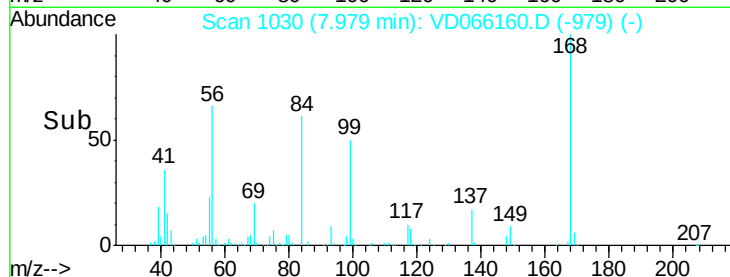
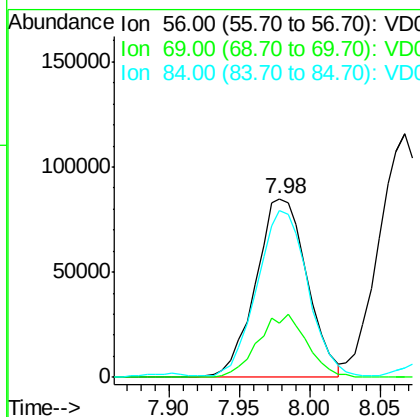
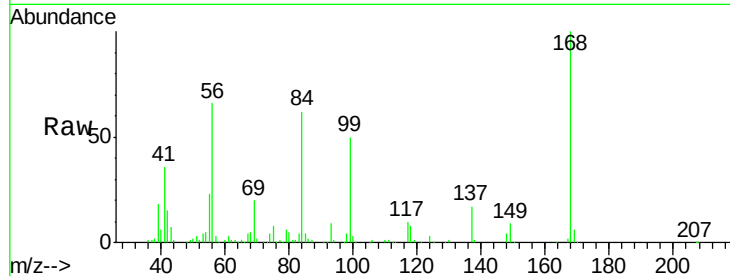
#31
Cyclohexane
Concen: 46.450 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	28.8	43.2
84	92.7	73.0	109.6

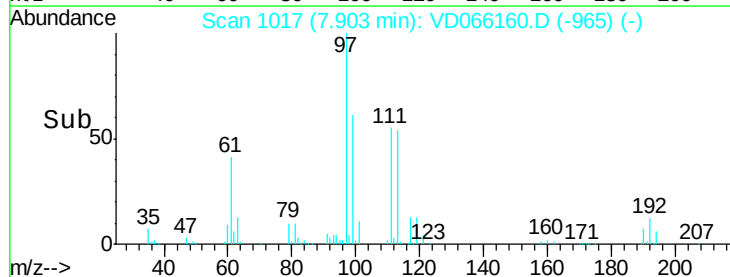
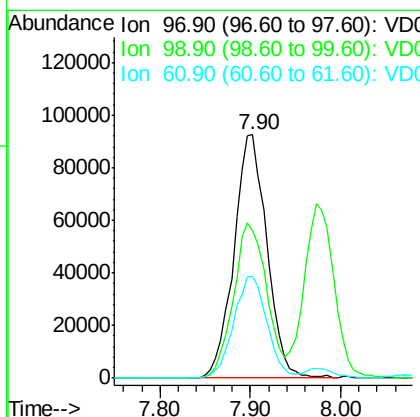
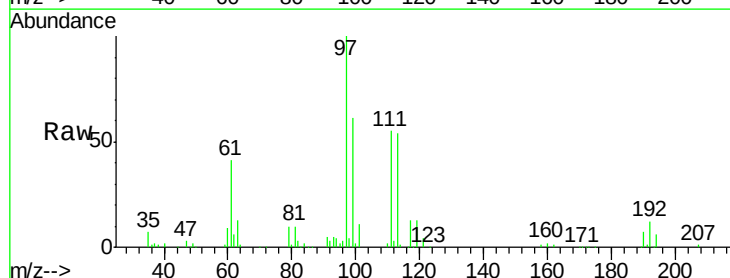
Manual Integrations
APPROVED

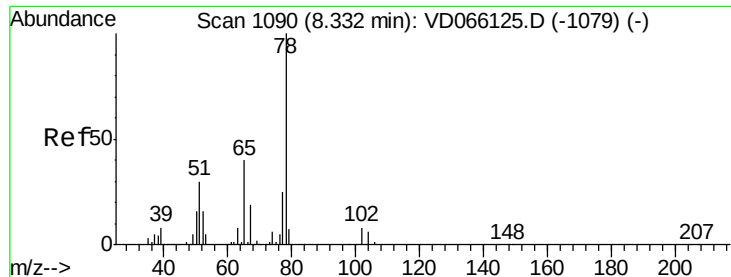
MMDadoda
8/10/2020 12:24:14 PM



#32
1,1,1-Trichloroethane
Concen: 48.607 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.1	76.7
61	42.2	32.7	49.1





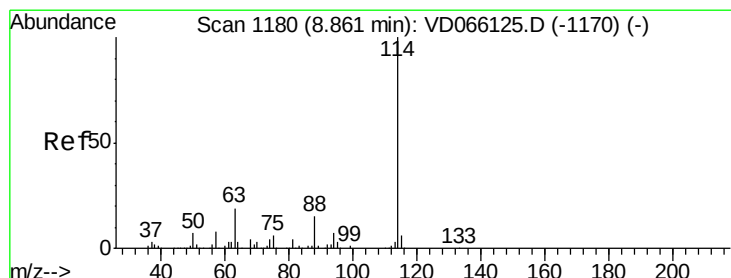
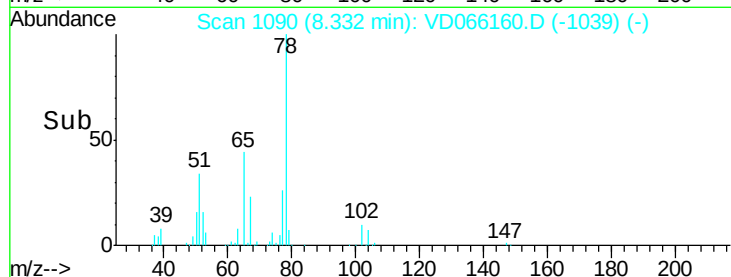
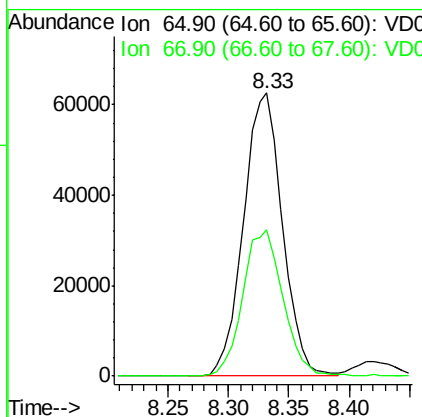
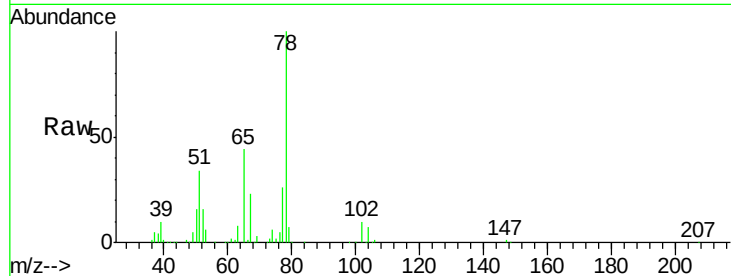
#33
 1,2-Dichloroethane-d4
 Concen: 52.801 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	140285		
67	53.5	0.0	104.6	

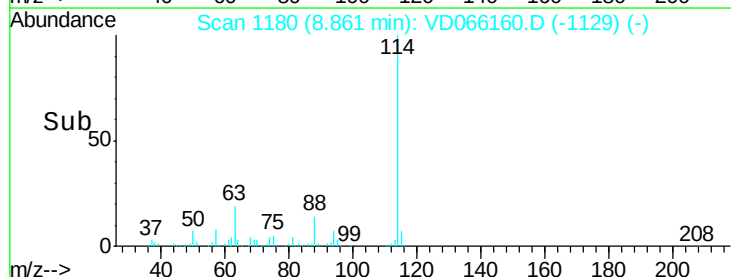
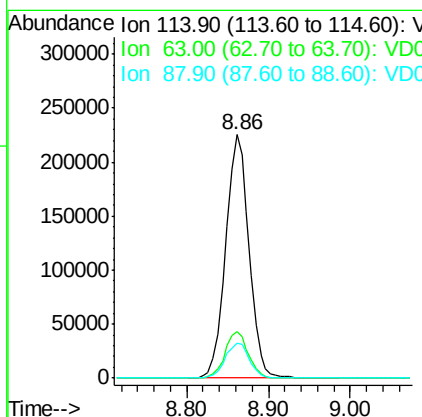
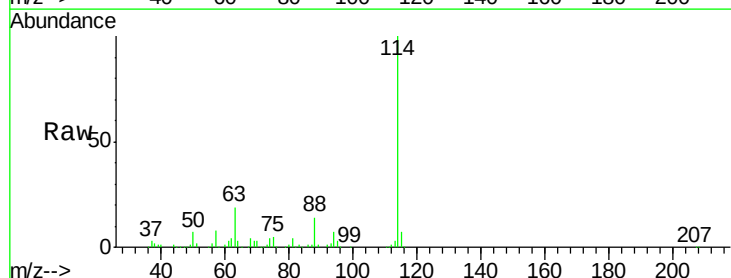
Manual Integrations
 APPROVED

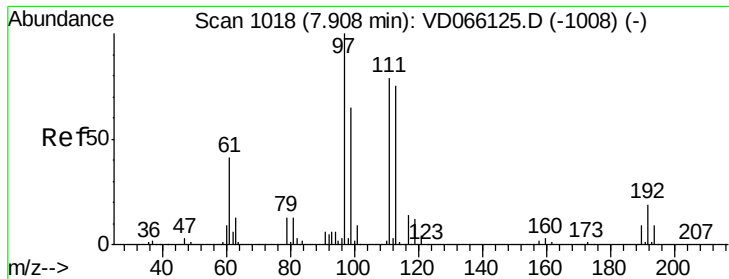
MMDadoda
 8/10/2020 12:24:14 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	447396		
63	19.2	0.0	38.6	
88	14.4	0.0	30.0	





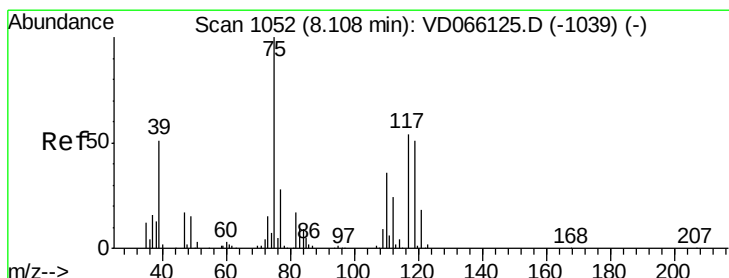
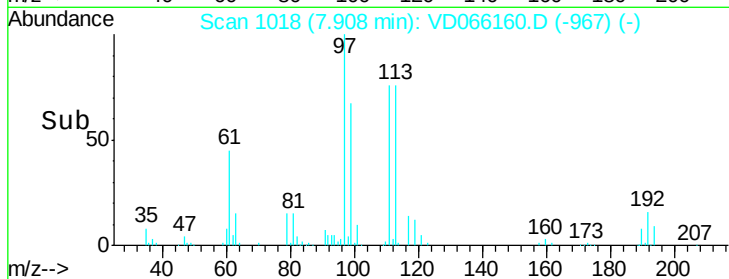
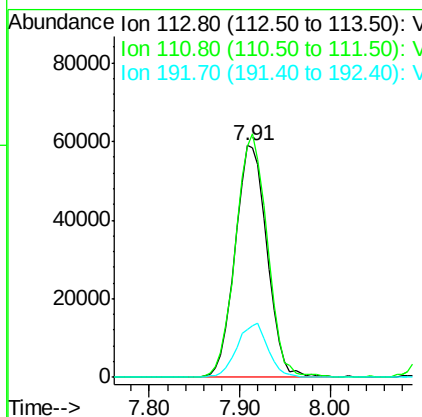
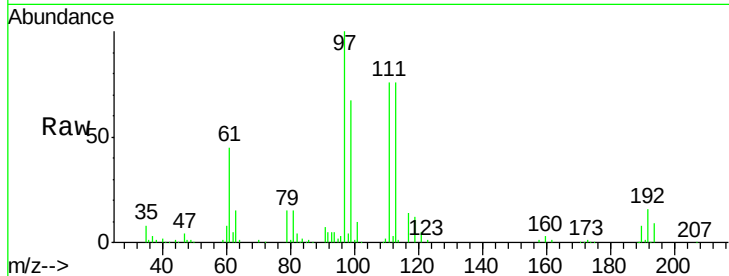
#35
Dibromofluoromethane
Concen: 51.262 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	145287		
111	103.8	80.7	121.1	
192	22.4	18.4	27.6	

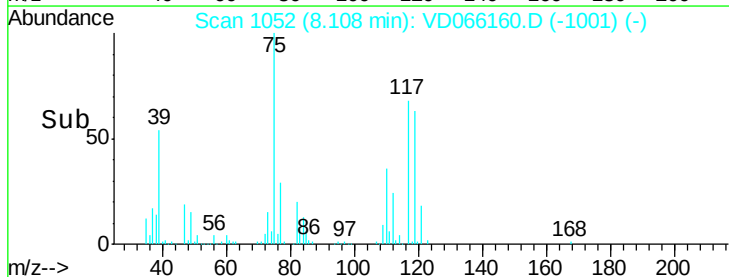
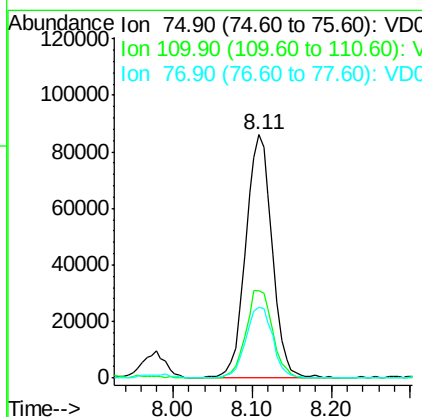
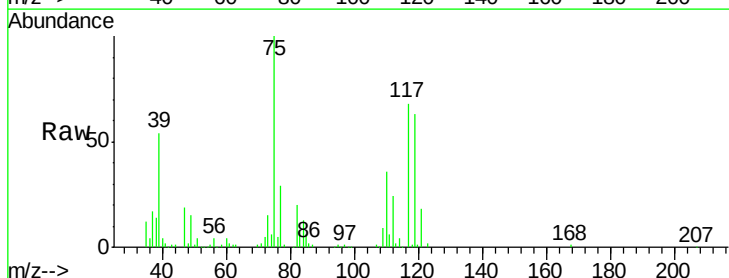
Manual Integrations
APPROVED

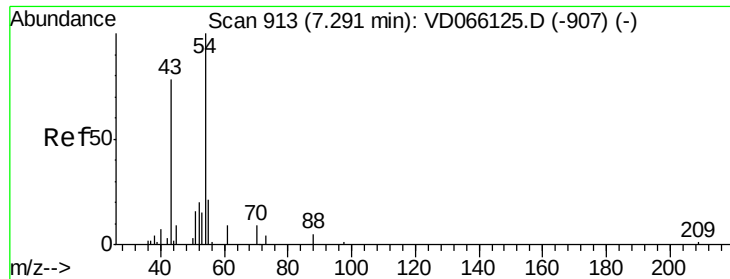
MMDadoda
8/10/2020 12:24:14 PM



#36
1,1-Dichloropropene
Concen: 47.250 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	198648		
110	36.8	18.8	56.3	
77	30.2	24.2	36.2	





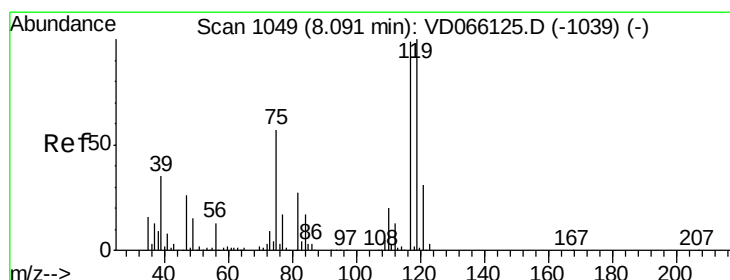
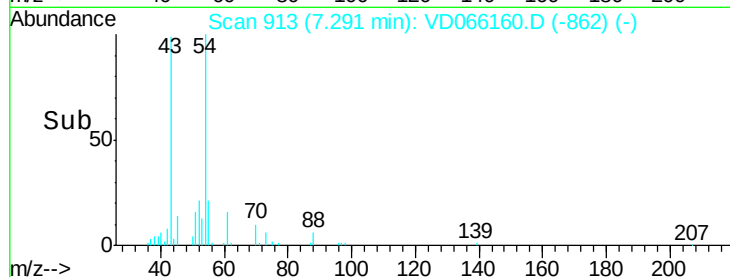
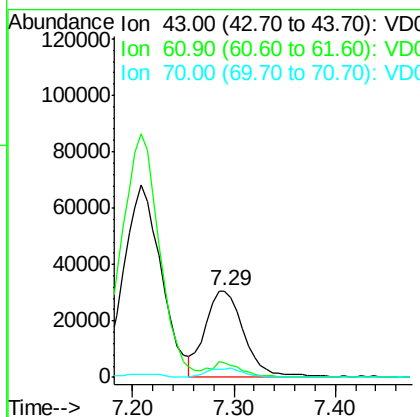
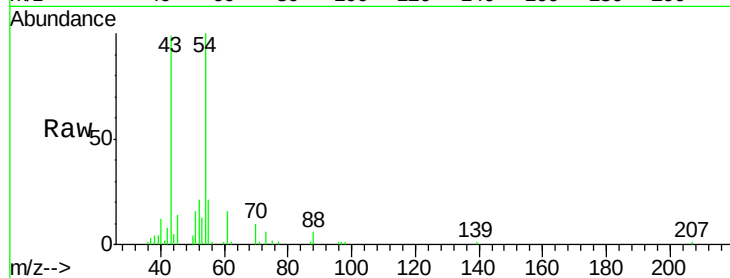
#37
Ethyl Acetate
Concen: 48.396 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.0	18.0
70	10.5	9.7	14.5

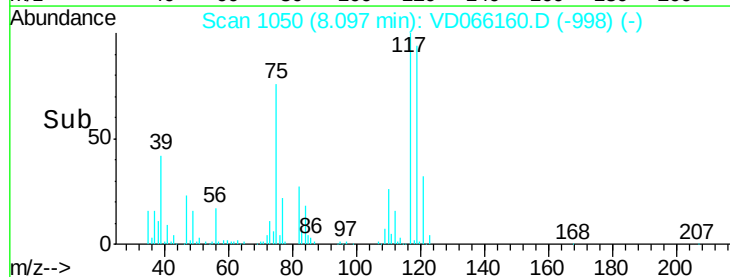
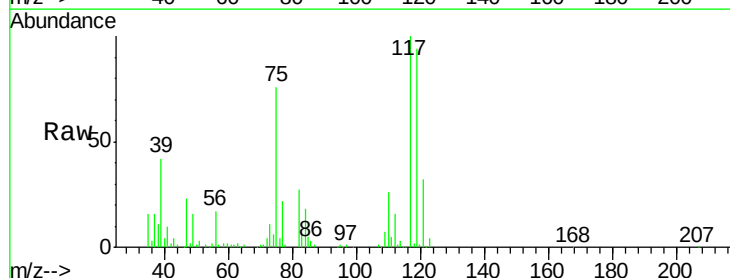
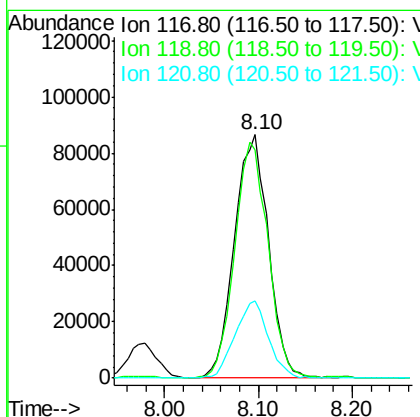
Manual Integrations
APPROVED

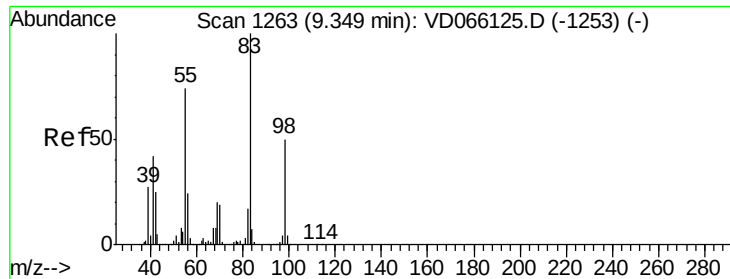
MMDadoda
8/10/2020 12:24:14 PM



#38
Carbon Tetrachloride
Concen: 46.516 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	81.0	121.4
121	32.0	24.8	37.2





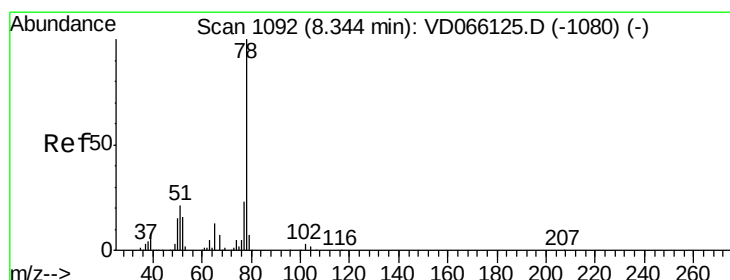
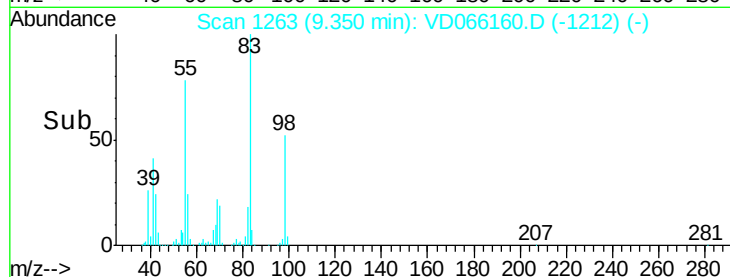
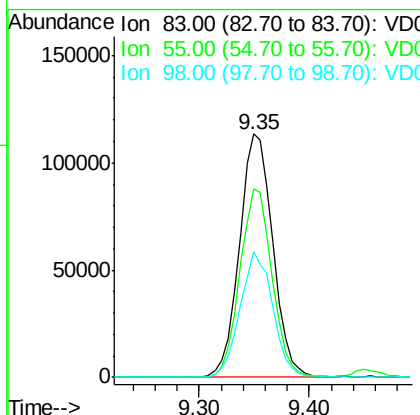
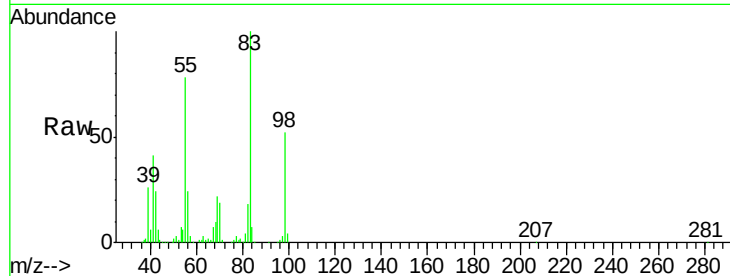
#39
Methylvlcyclohexane
Concen: 47.440 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	59.2	88.8
98	51.5	39.8	59.6

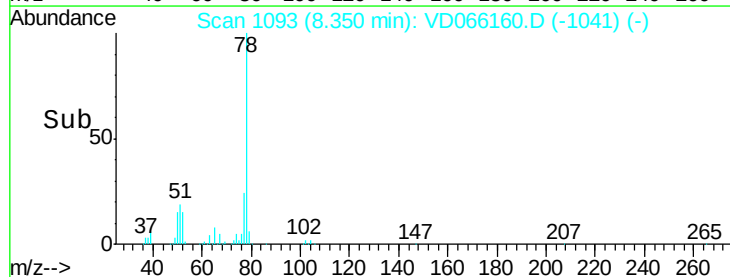
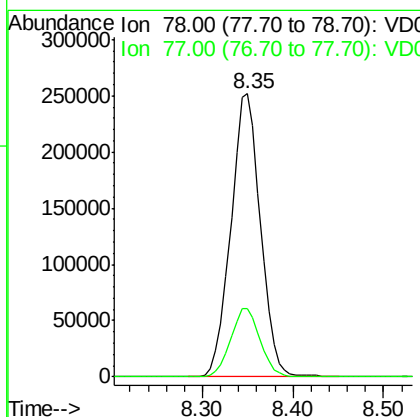
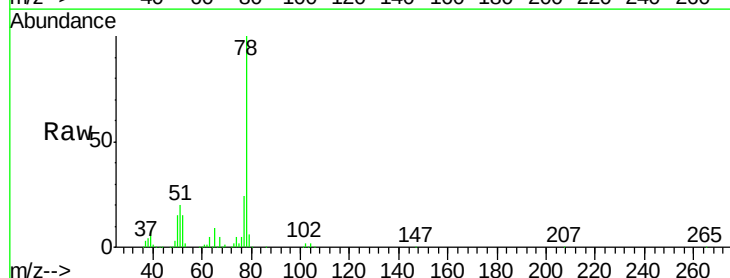
Manual Integrations
APPROVED

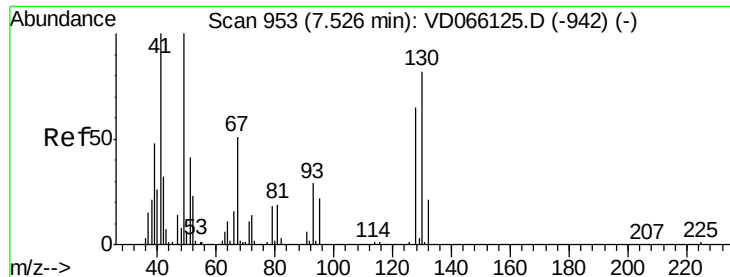
MMDadoda
8/10/2020 12:24:14 PM



#40
Benzene
Concen: 48.930 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	27.8





#41

Methacrylonitrile

Concen: 38.888 ug/l m

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 38087
Ion Ratio Lower Upper

41 100

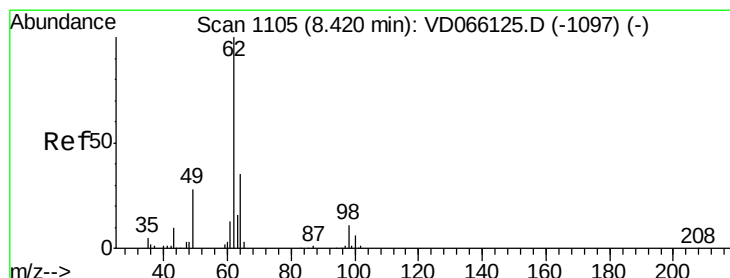
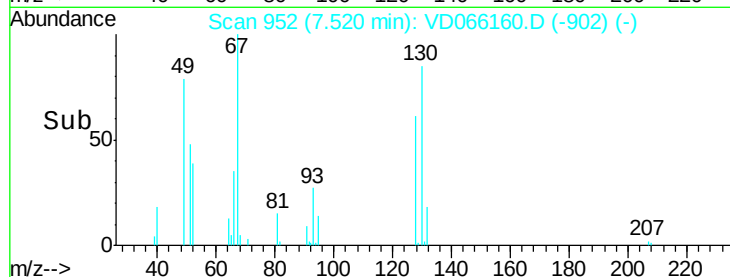
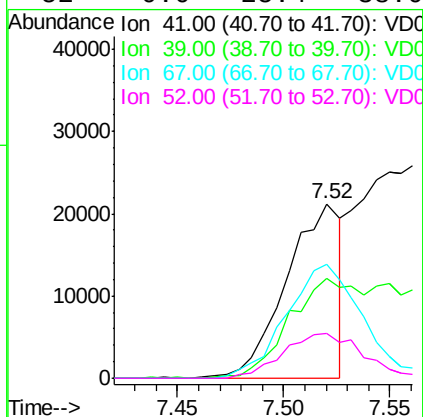
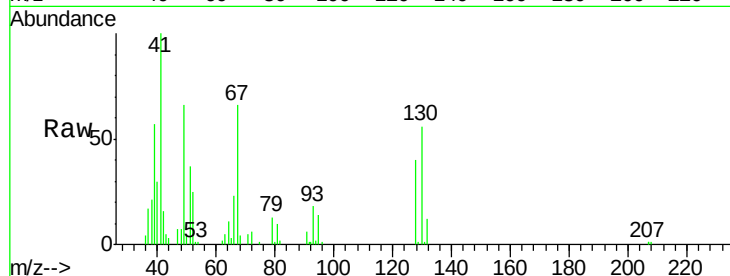
39 0.0 47.5 71.3#

67 0.0 59.1 88.7#

52 0.0 25.4 38.0#

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:14 PM



#42

1,2-Dichloroethane

Concen: 48.223 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

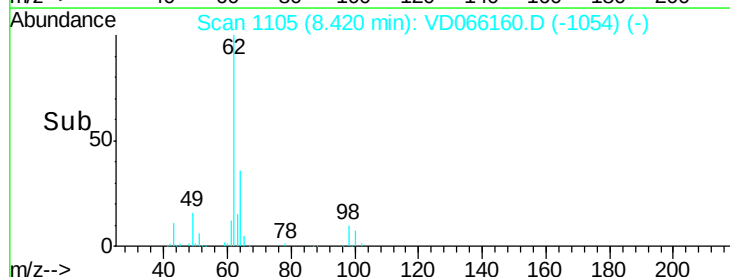
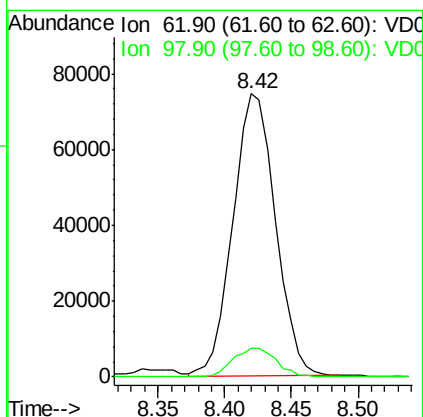
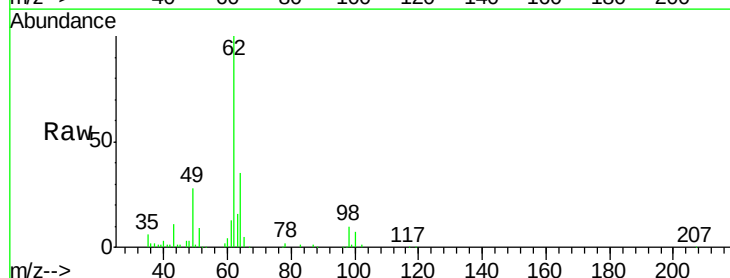
Lab File: VD066160.D

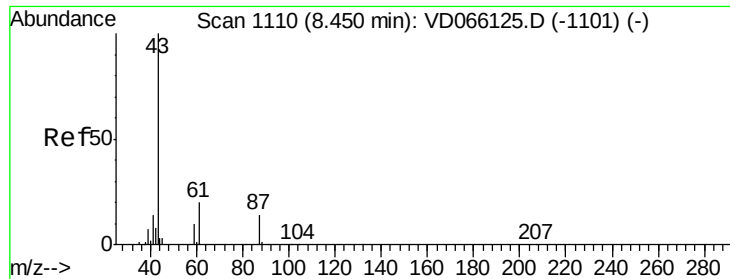
Acq: 07 Aug 2020 16:20

Tgt Ion: 62 Resp: 165222
Ion Ratio Lower Upper

62 100

98 10.3 0.0 20.4





#43

Isopropyl Acetate

Concen: 48.787 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

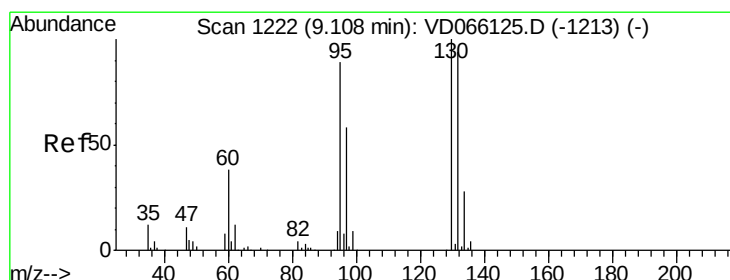
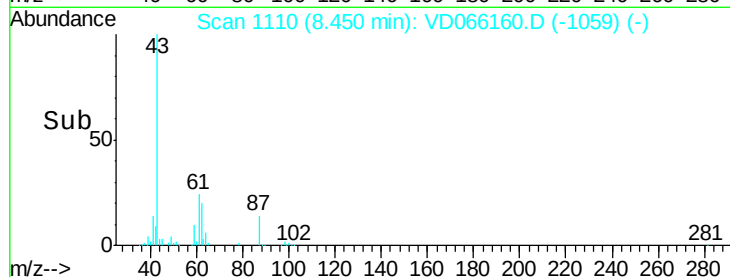
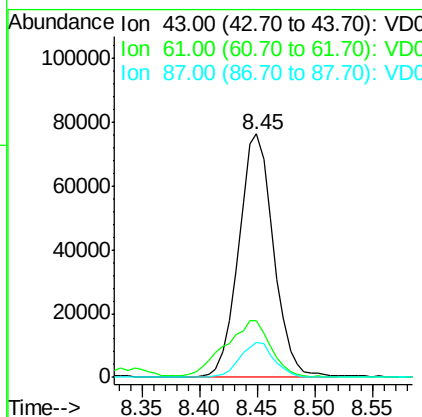
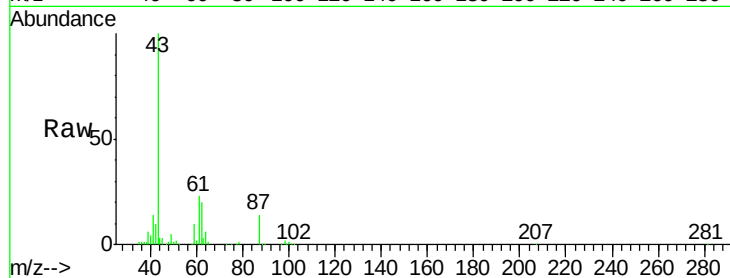
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	160120
Ion	Ratio	Lower	Upper
43	100		
61	30.8	25.5	38.3
87	14.1	11.2	16.8

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:14 PM



#44

Trichloroethene

Concen: 47.782 ug/l

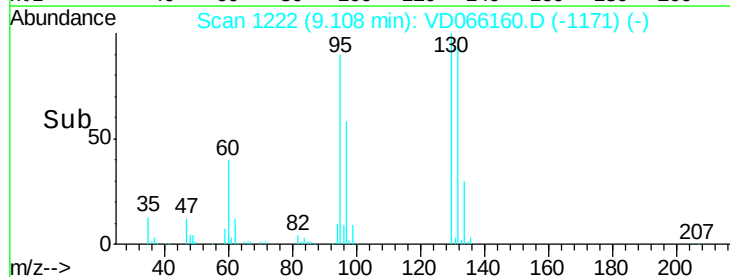
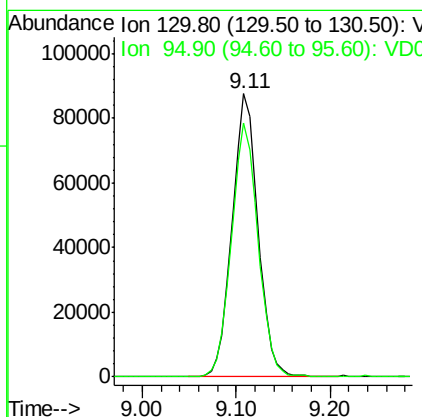
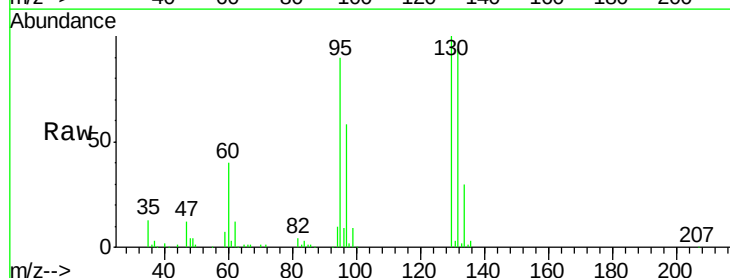
RT: 9.11 min Scan# 1222

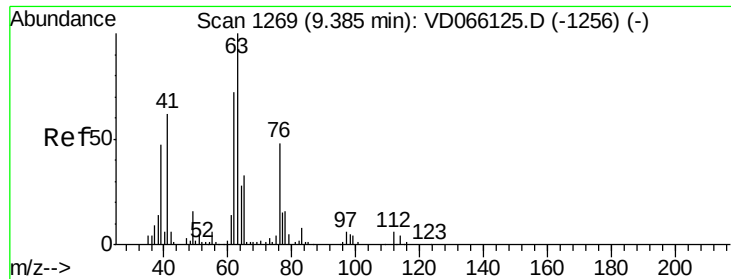
Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Tgt Ion:	130	Resp:	167924
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	178.4





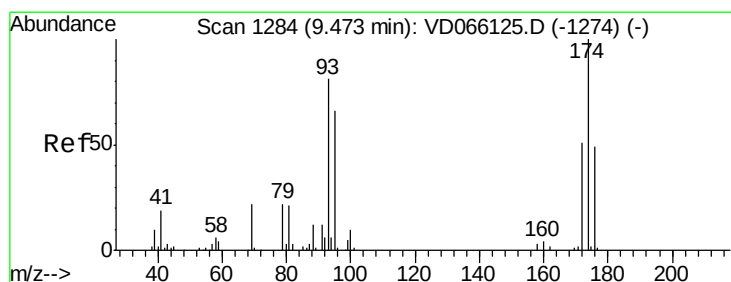
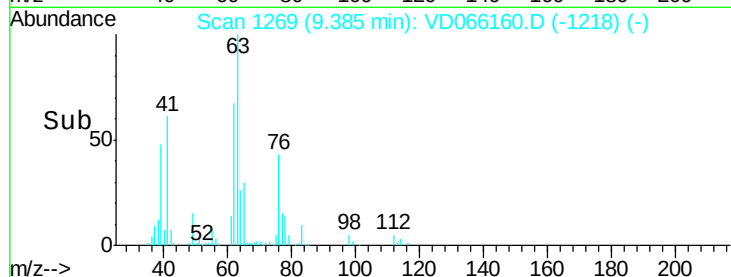
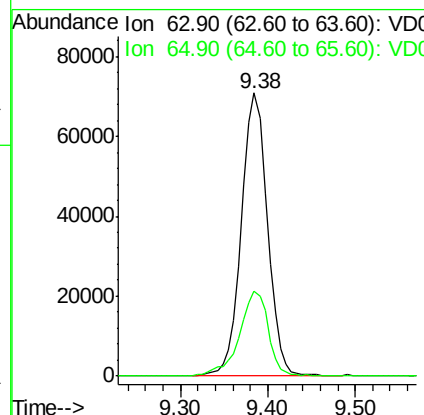
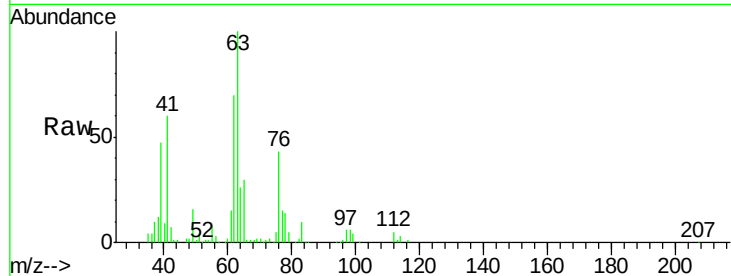
#45
 1,2-Dichloropropane
 Concen: 50.123 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	26.5	39.7

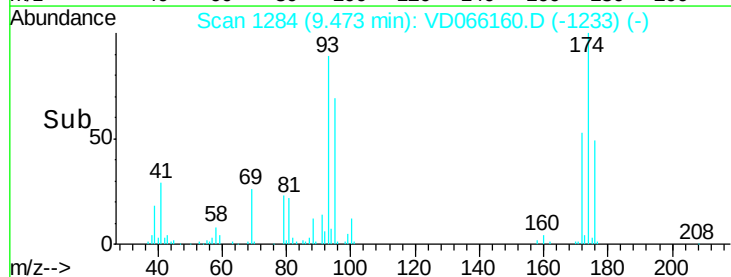
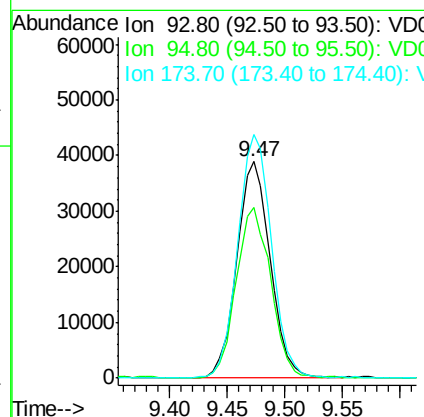
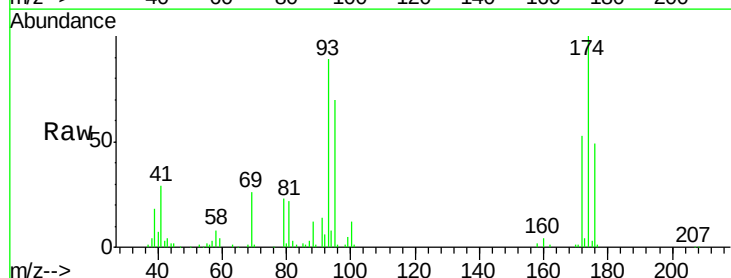
Manual Integrations
 APPROVED

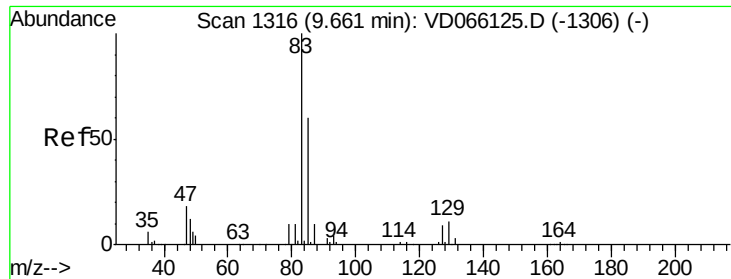
MMDadoda
 8/10/2020 12:24:14 PM



#46
 Dibromomethane
 Concen: 49.918 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	65.8	98.6
174	113.1	92.8	139.2





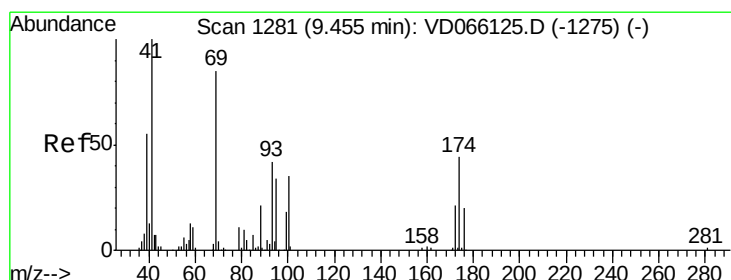
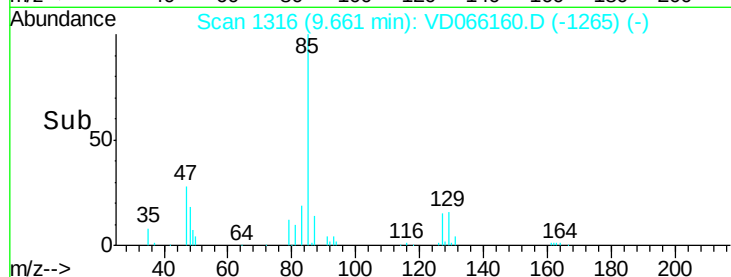
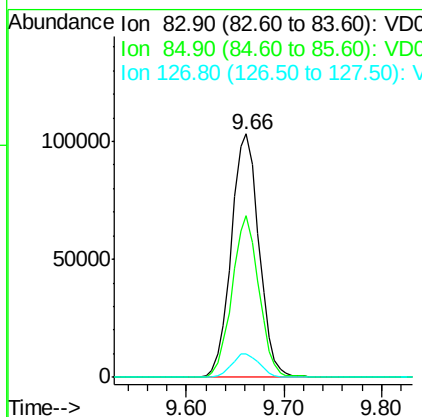
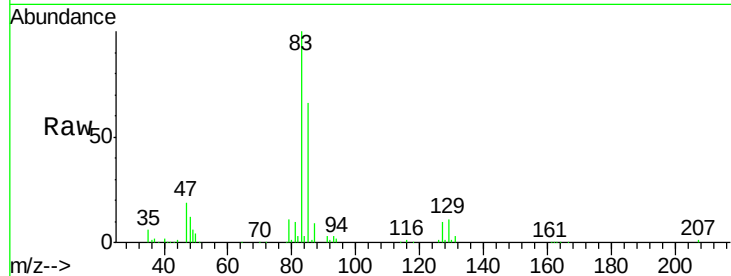
#47
Bromodichloromethane
Concen: 49.236 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	204454		
85	66.2	48.2	72.4	
127	9.6	7.3	10.9	

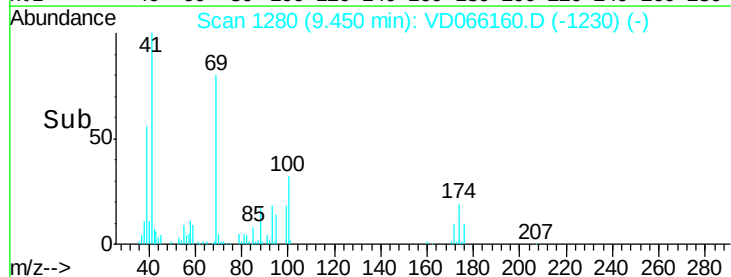
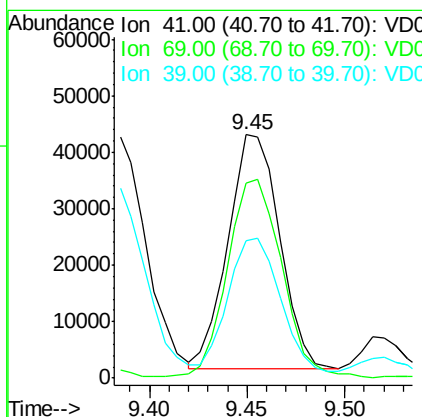
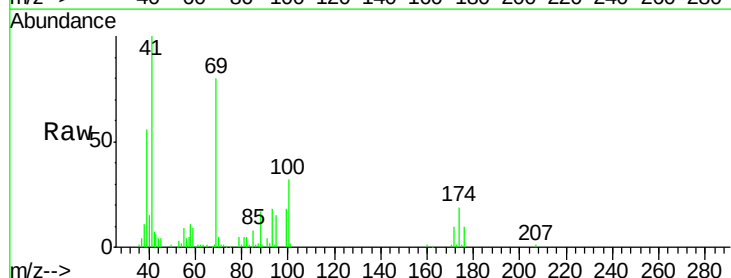
Manual Integrations
APPROVED

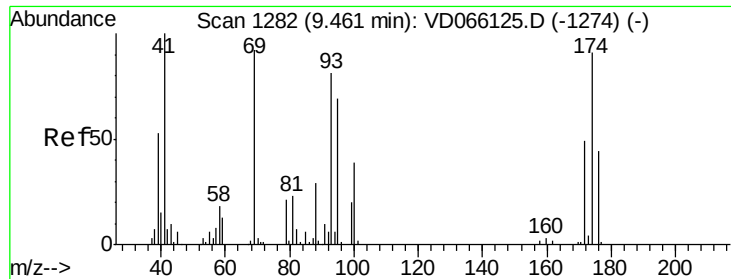
MMDadoda
8/10/2020 12:24:14 PM



#48
Methyl methacrylate
Concen: 45.354 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	76007		
69	89.0	63.9	95.9	
39	63.6	42.6	64.0	





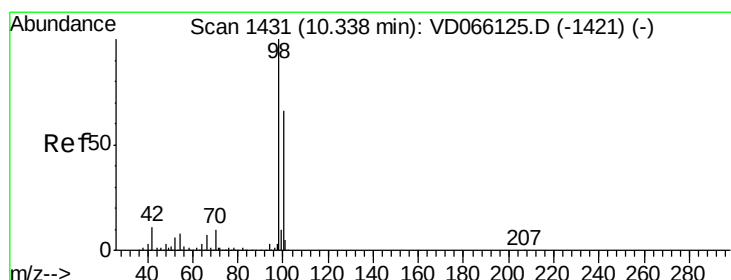
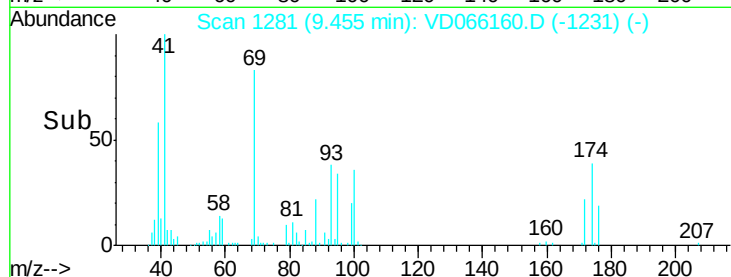
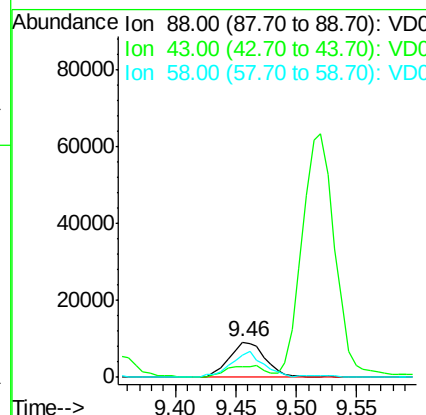
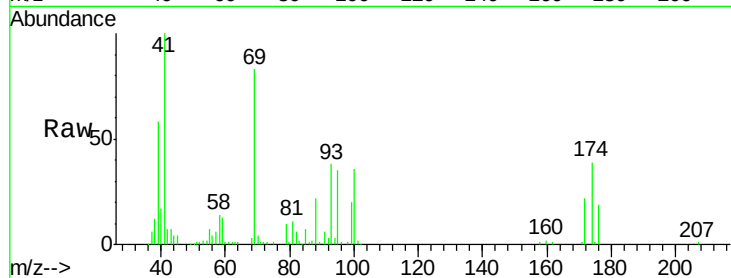
#49
1,4-Dioxane
Concen: 962.372 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	19426
Ion	Ratio	Lower	Upper
88	100		
43	36.8	27.5	41.3
58	66.3	50.2	75.4

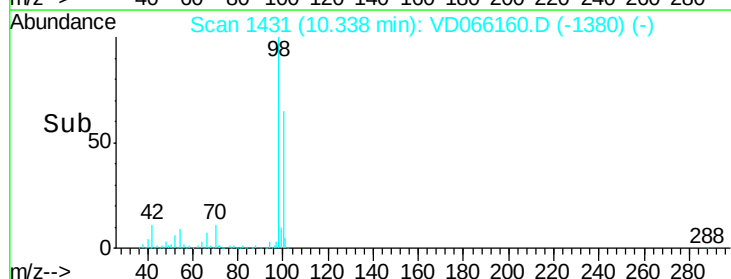
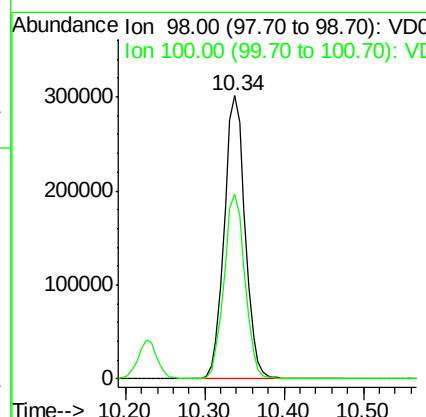
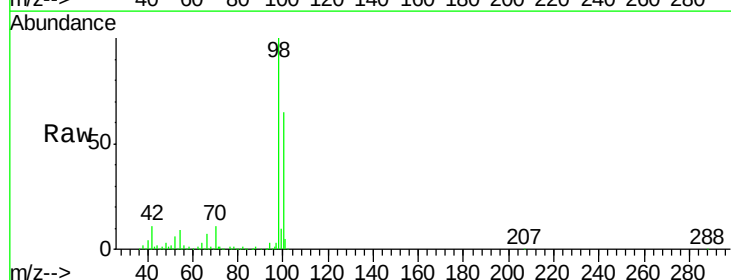
Manual Integrations
APPROVED

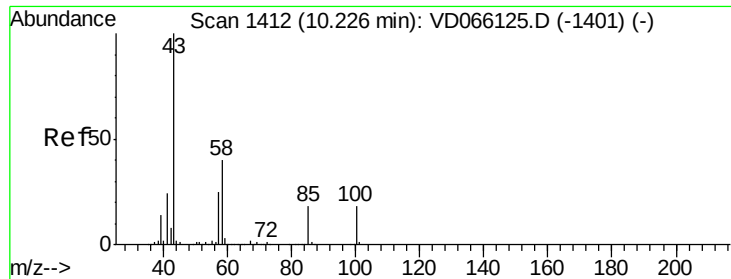
MMDadoda
8/10/2020 12:24:14 PM



#50
Toluene-d8
Concen: 52.499 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	98	Resp	549081
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8





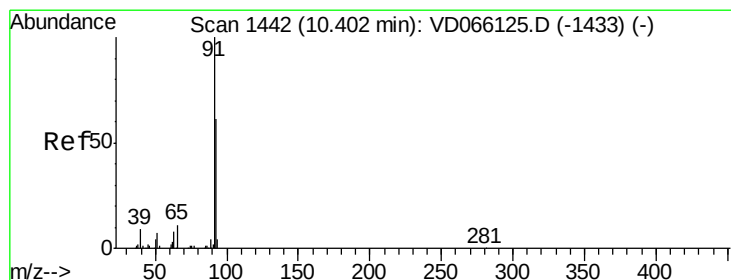
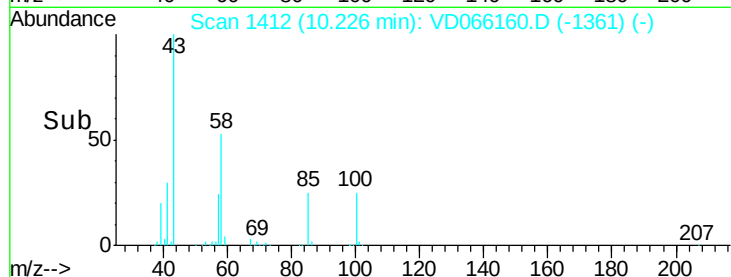
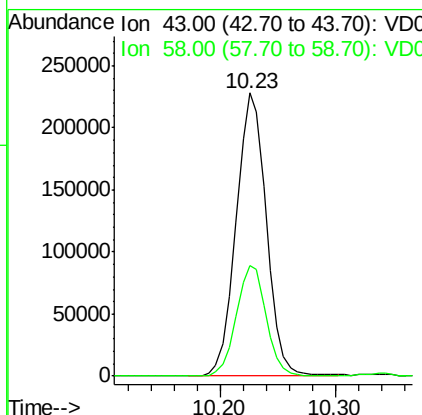
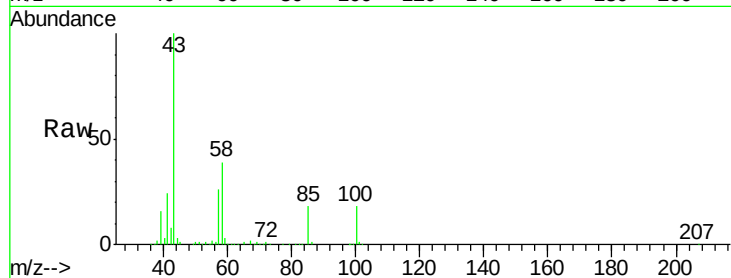
#51
4-Methyl-2-Pentanone
Concen: 245.066 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	413141
Ion Ratio	100	Lower	Upper
43	100		
58	38.8	31.1	46.7

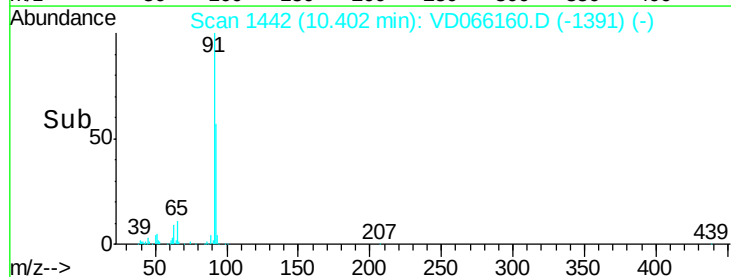
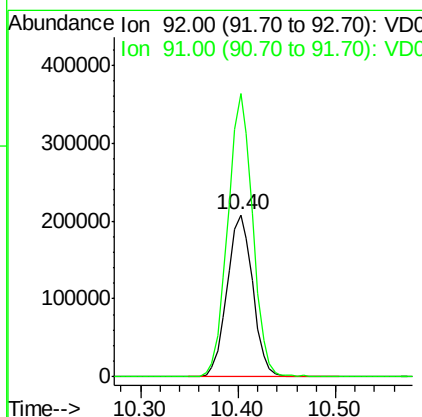
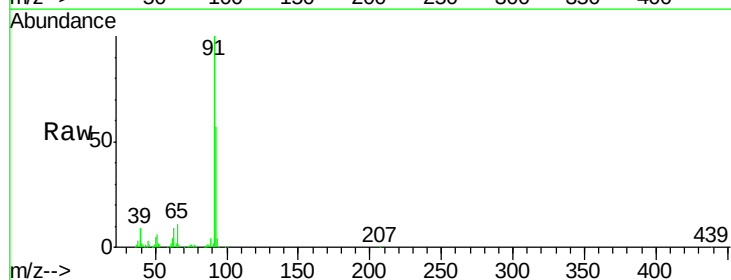
Manual Integrations
APPROVED

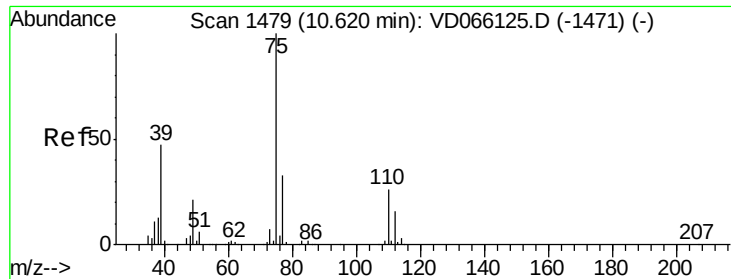
MMDadoda
8/10/2020 12:24:14 PM



#52
Toluene
Concen: 49.248 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	92	Resp	377942
Ion Ratio	100	Lower	Upper
92	100		
91	169.8	135.2	202.8





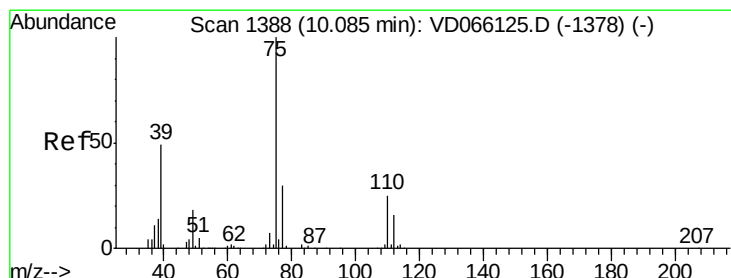
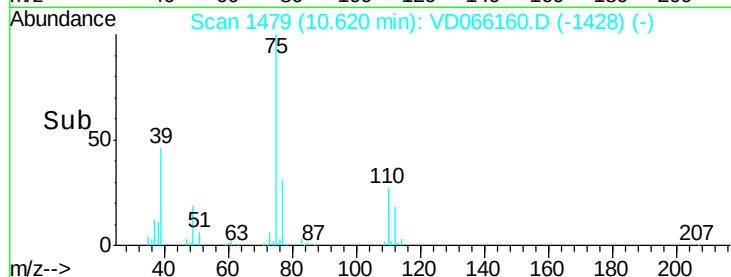
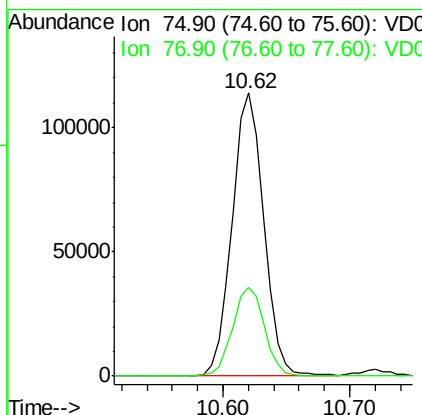
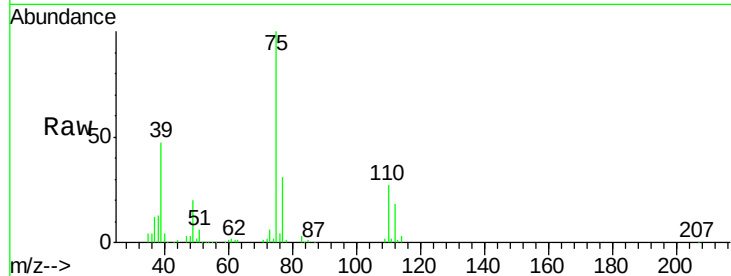
#53
t-1,3-Dichloropropene
Concen: 49.875 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.2	39.2

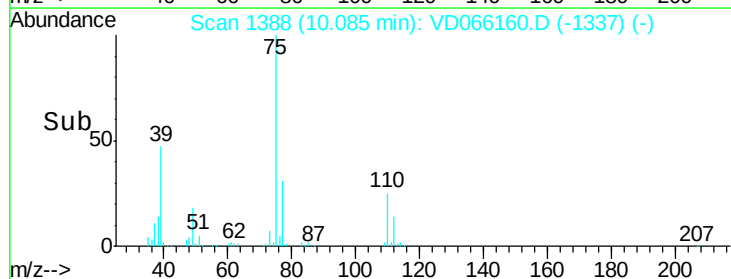
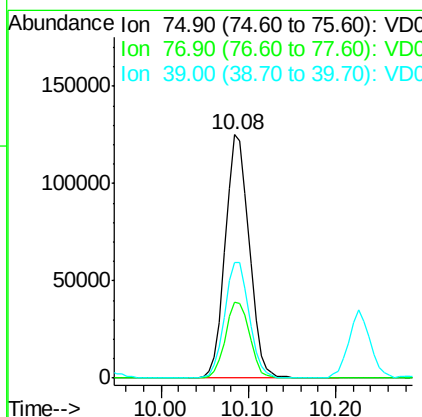
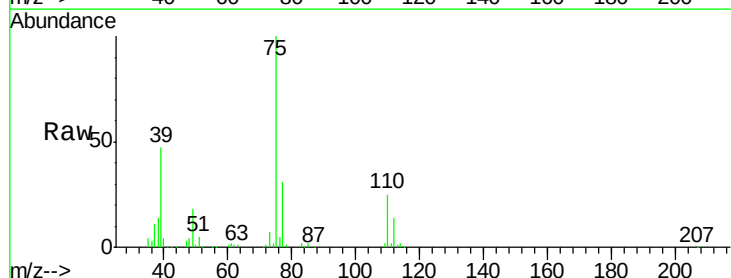
Manual Integrations
APPROVED

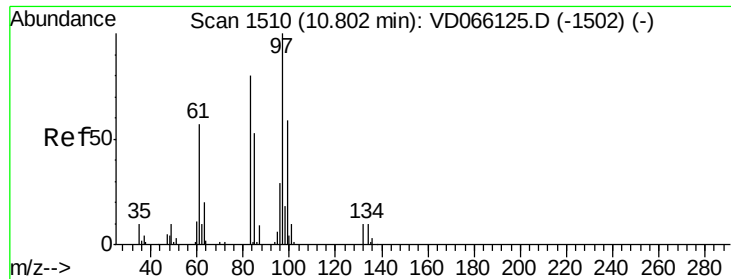
MMDadoda
8/10/2020 12:24:14 PM



#54
cis-1,3-Dichloropropene
Concen: 50.541 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.3	36.5
39	47.5	39.3	58.9





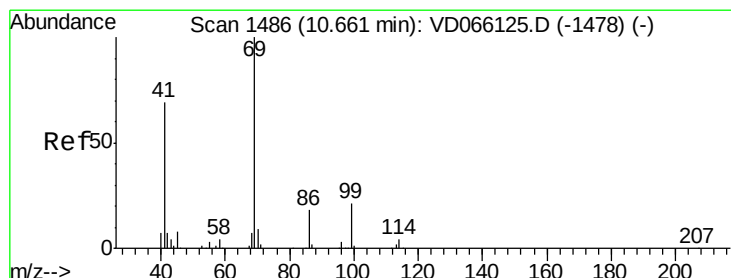
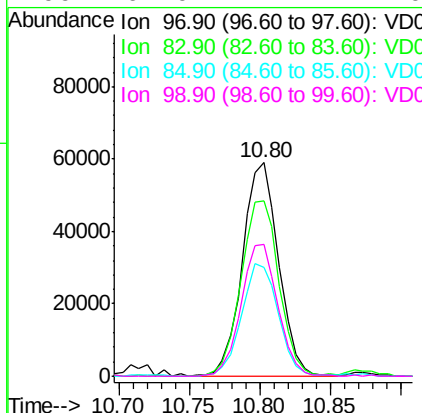
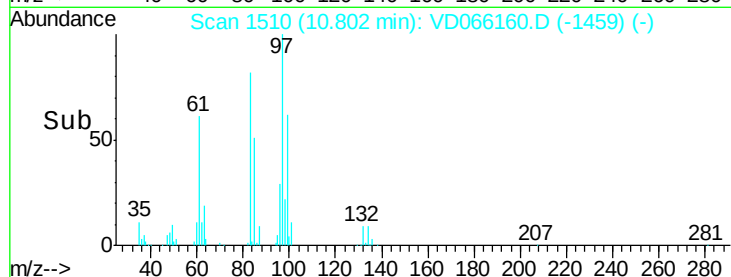
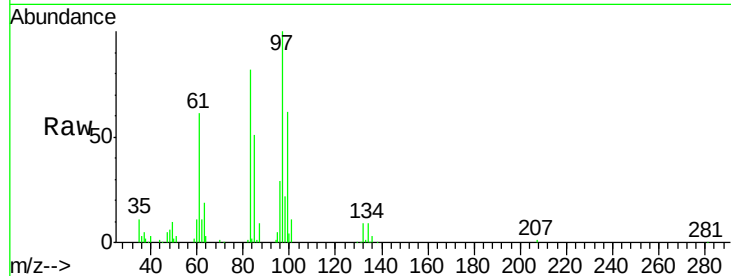
#55
 1,1,2-Trichloroethane
 Concen: 46.494 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		105188		
83	82.3	63.9	95.9		
85	51.2	42.5	63.7		
99	62.0	47.4	71.0		

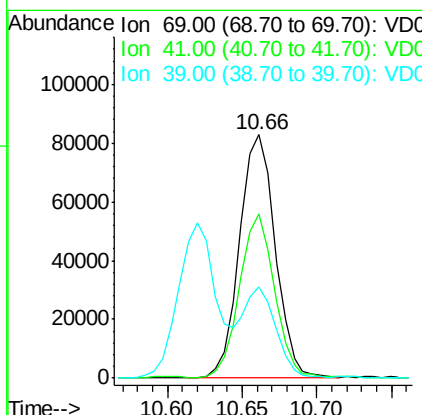
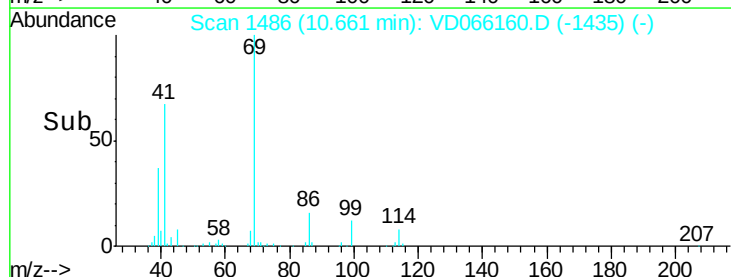
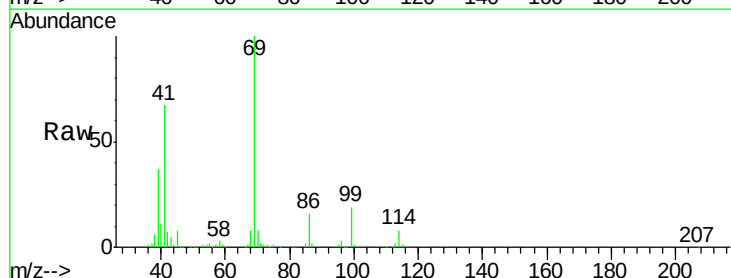
Manual Integrations
 APPROVED

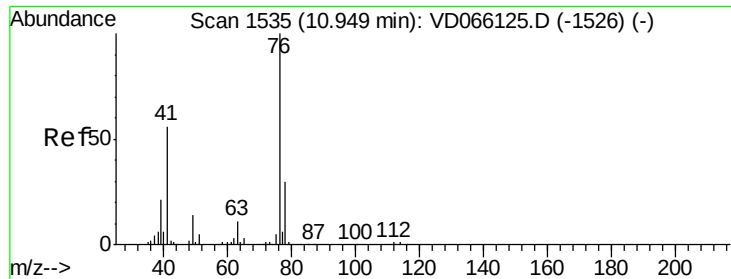
MMDadoda
 8/10/2020 12:24:14 PM



#56
 Ethyl methacrylate
 Concen: 50.848 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		138194		
41	65.6	54.1	81.1		
39	33.9	28.6	43.0		





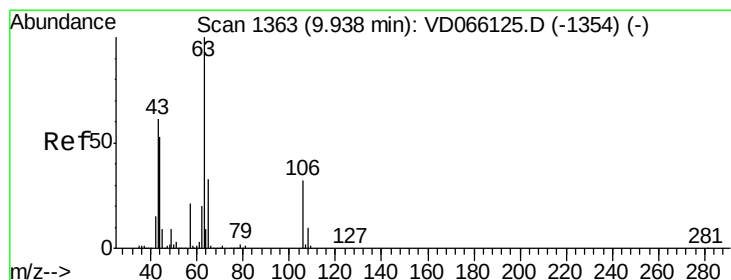
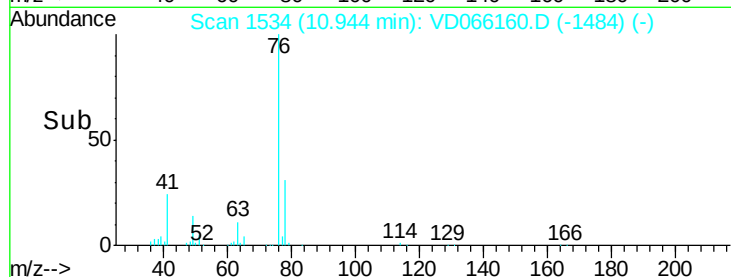
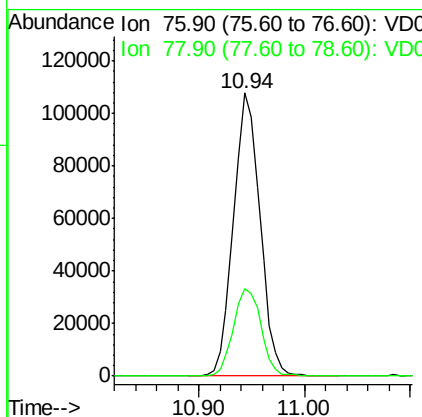
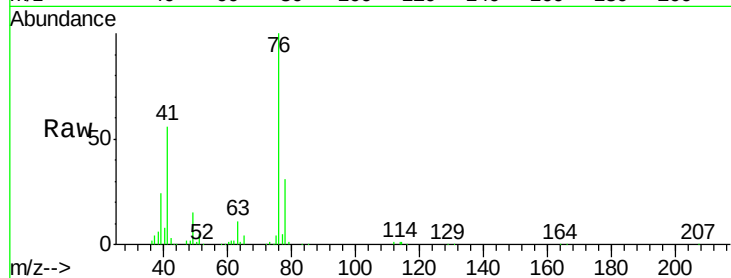
#57
 1,3-Dichloropropane
 Concen: 49.876 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 187330
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3

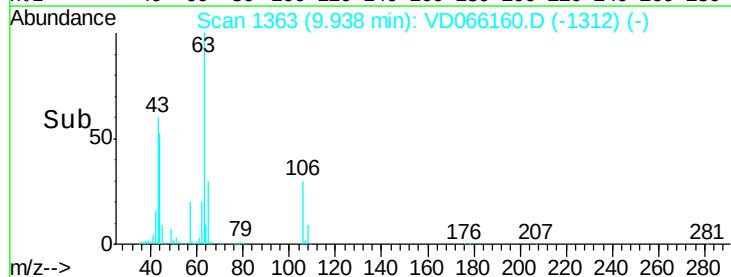
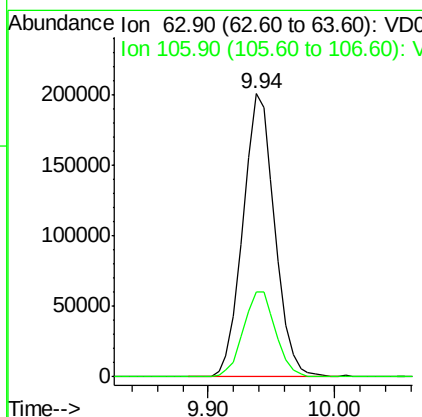
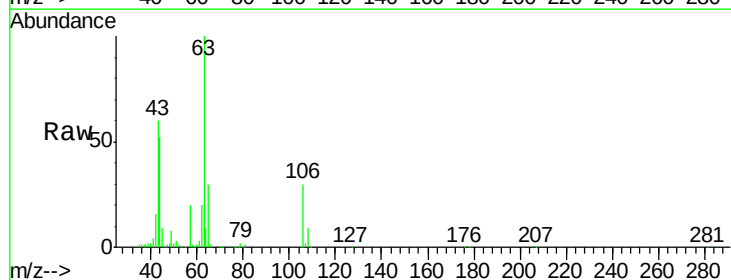
Manual Integrations
 APPROVED

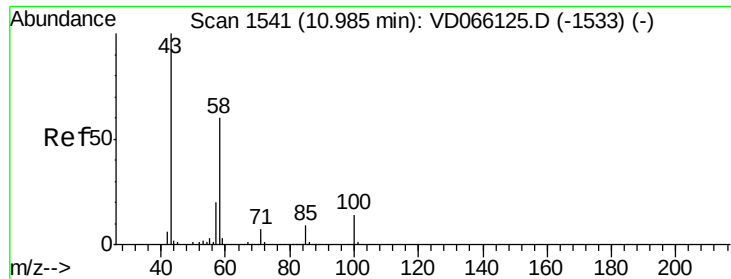
MMDadoda
 8/10/2020 12:24:14 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 286.956 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion: 63 Resp: 350805
 Ion Ratio Lower Upper
 63 100
 106 30.9 25.3 37.9





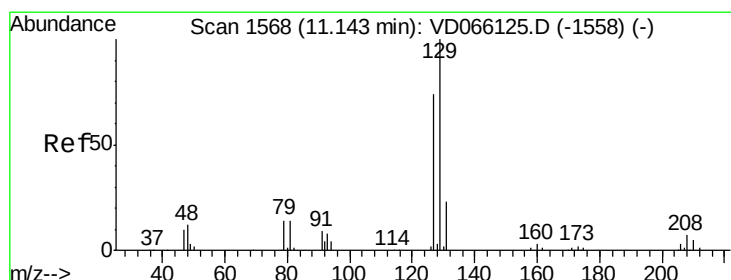
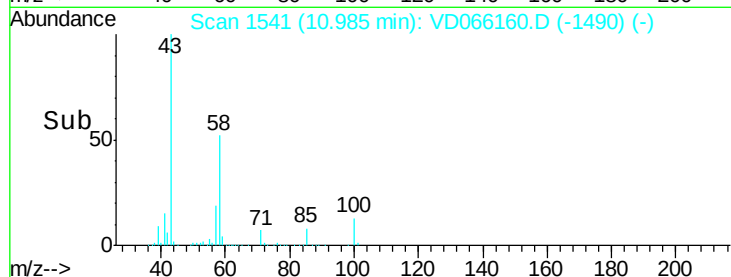
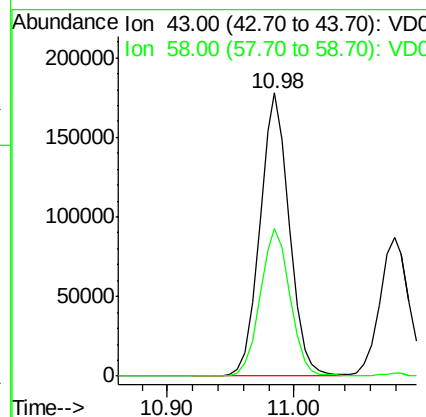
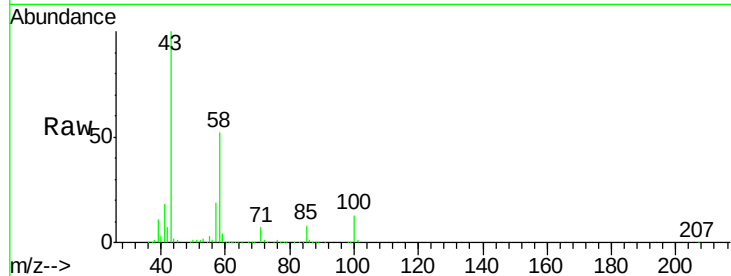
#59
2-Hexanone
Concen: 242.195 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.2	27.8	83.4

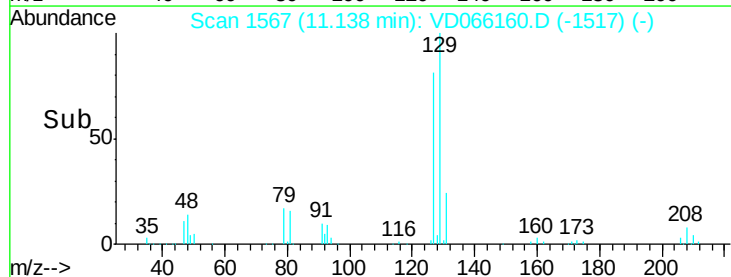
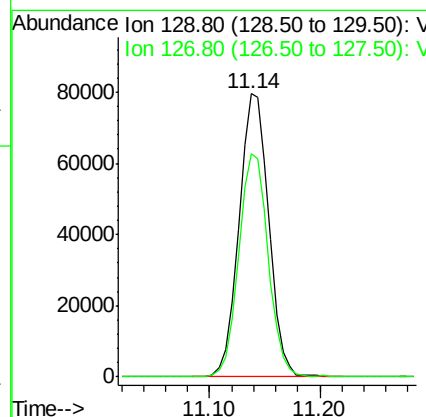
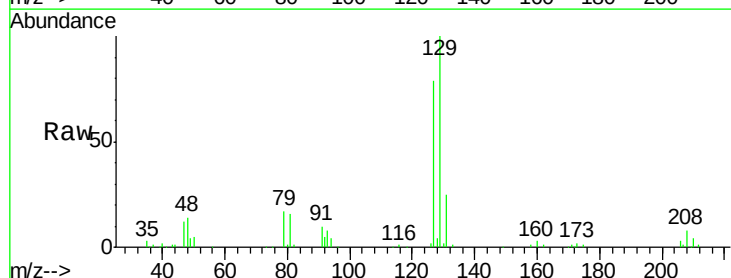
Manual Integrations
APPROVED

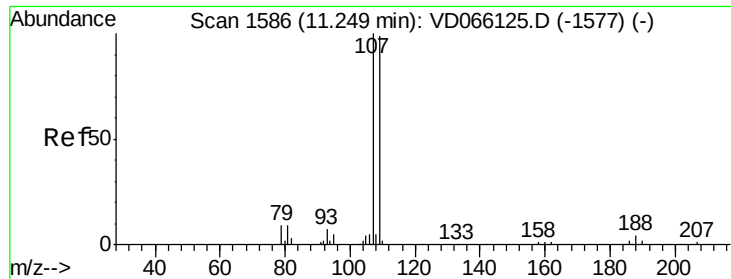
MMDadoda
8/10/2020 12:24:14 PM



#60
Dibromochloromethane
Concen: 48.186 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.0	114.1





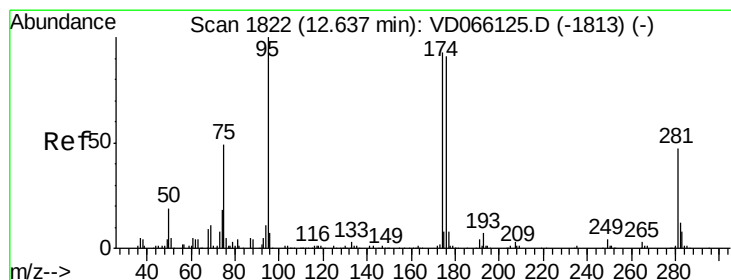
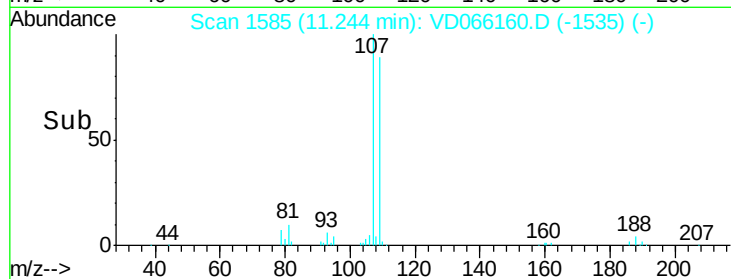
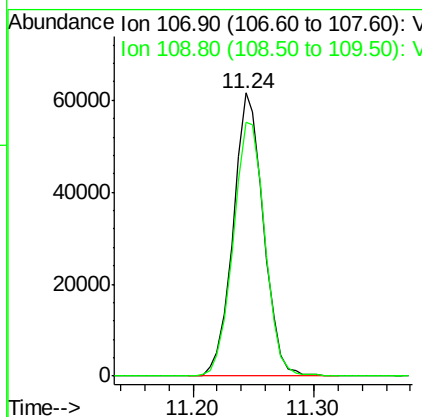
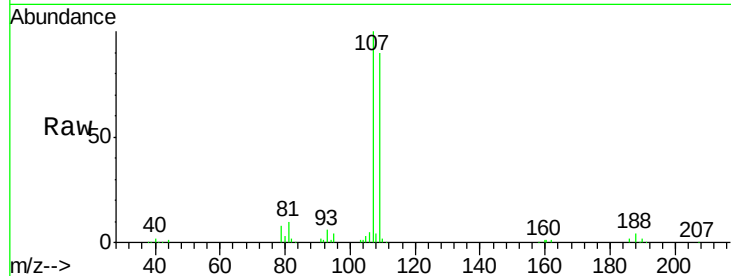
#61
 1,2-Dibromoethane
 Concen: 49.228 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	76.5	114.7

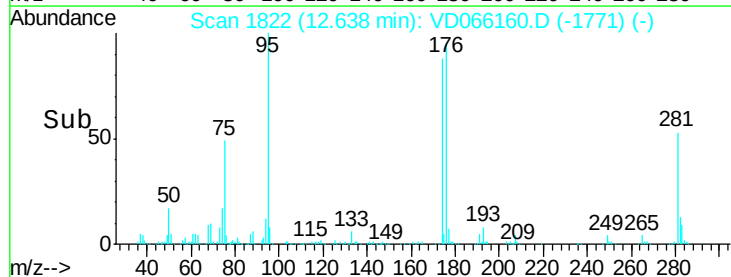
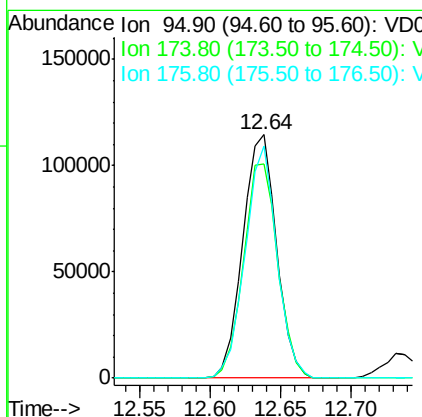
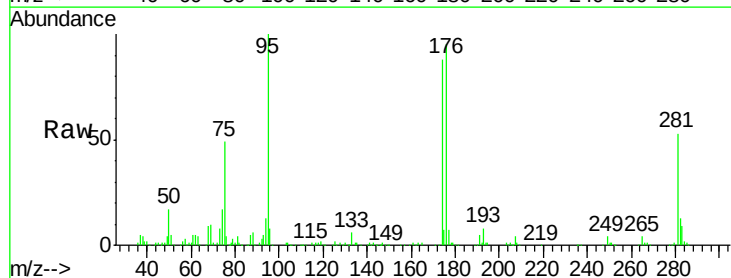
Manual Integrations
 APPROVED

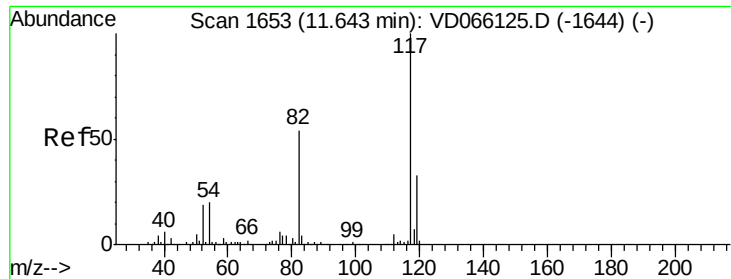
MMDadoda
 8/10/2020 12:24:14 PM



#62
 4-Bromofluorobenzene
 Concen: 51.073 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	180.8
176	89.5	0.0	181.2





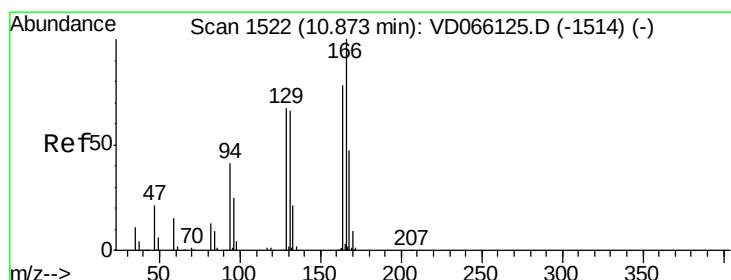
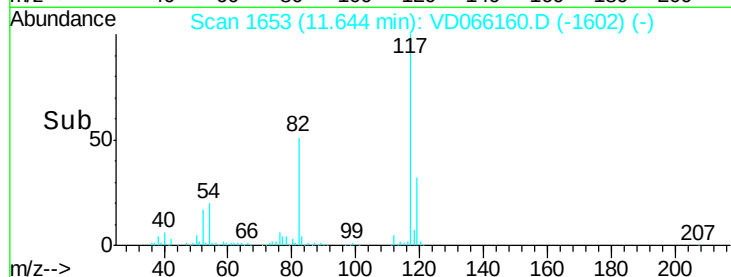
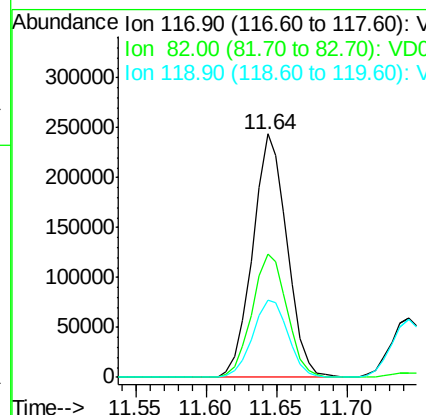
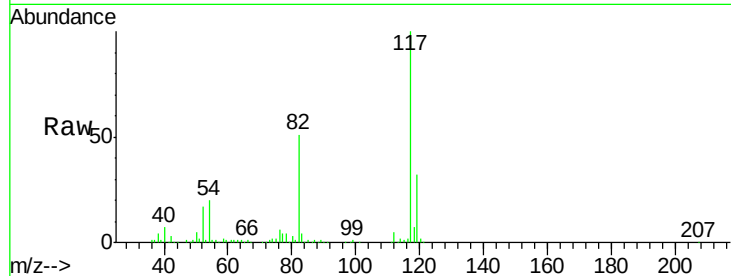
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	416262		
82	50.5	43.0	64.4	
119	31.5	26.1	39.1	

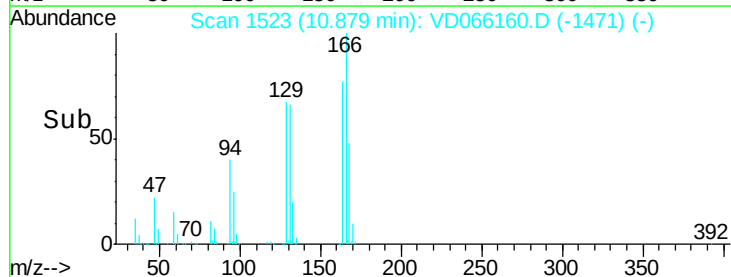
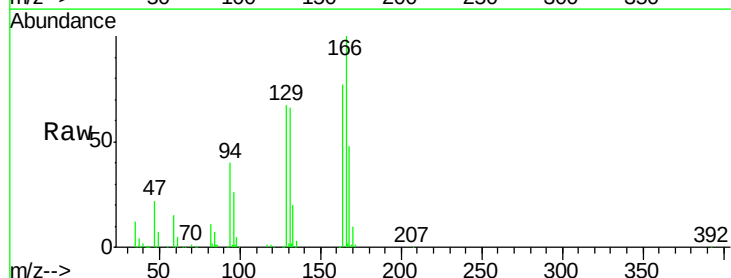
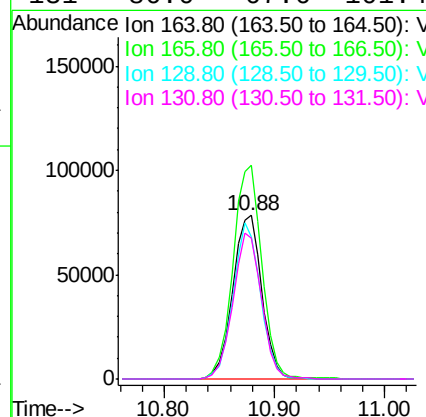
Manual Integrations
APPROVED

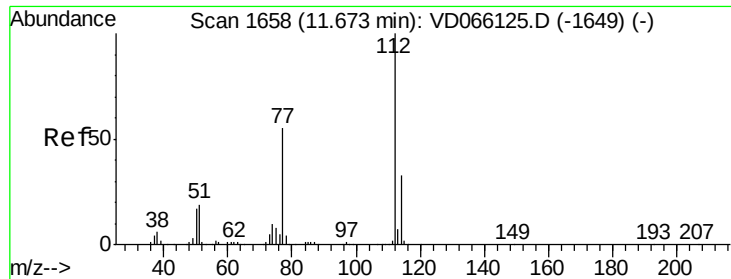
MMDadoda
8/10/2020 12:24:14 PM



#64
Tetrachloroethene
Concen: 45.310 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	144831		
166	130.6	101.9	152.9	
129	87.2	68.1	102.1	
131	86.0	67.6	101.4	





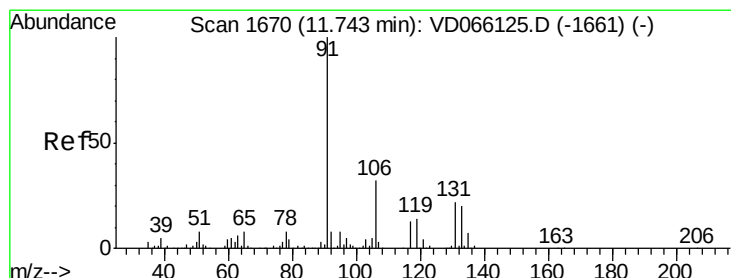
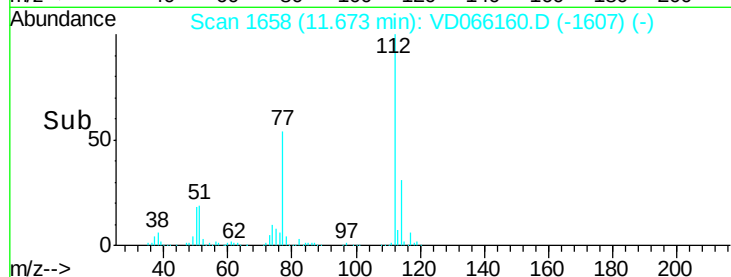
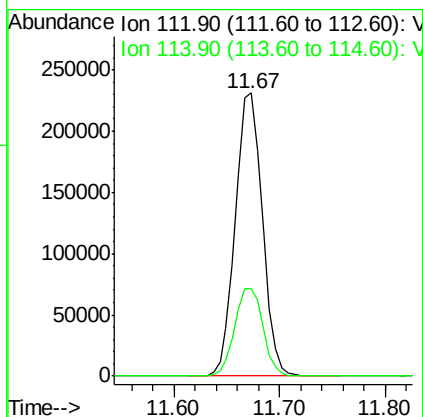
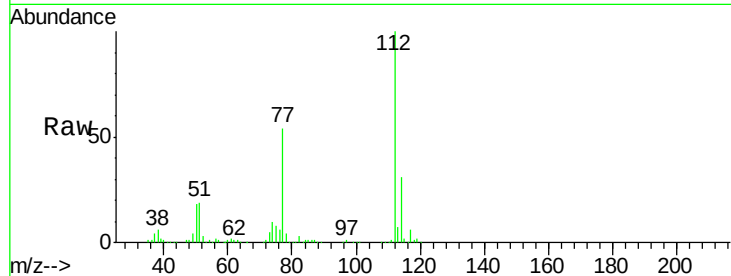
#65
Chlorobenzene
Concen: 48.280 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 407979
Ion Ratio Lower Upper
112 100
114 31.0 26.1 39.1

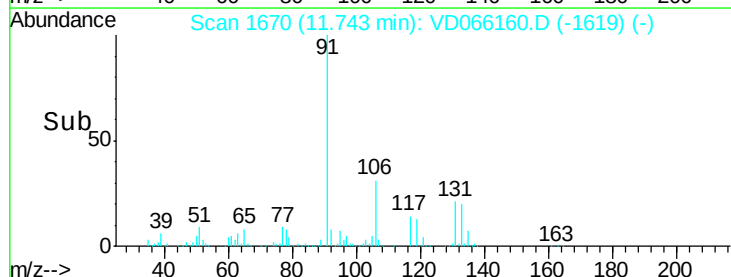
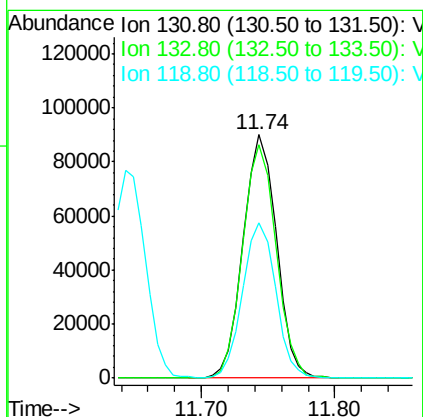
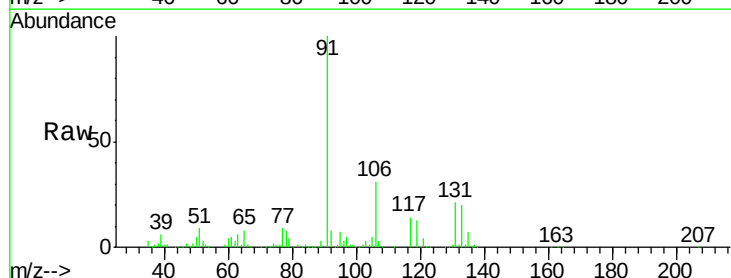
Manual Integrations
APPROVED

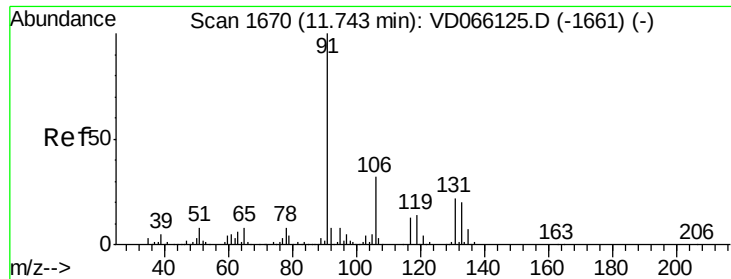
MMDadoda
8/10/2020 12:24:14 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.125 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion:131 Resp: 155810
Ion Ratio Lower Upper
131 100
133 96.6 47.1 141.4
119 63.8 31.6 94.7





#67

Ethyl Benzene

Concen: 48.899 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 716056

Ion Ratio Lower Upper

91 100

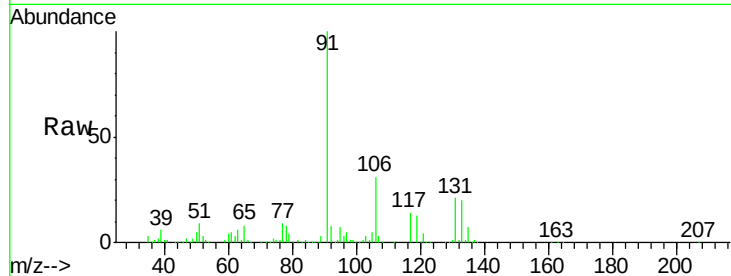
106 30.6 25.7 38.5

Manual Integrations

APPROVED

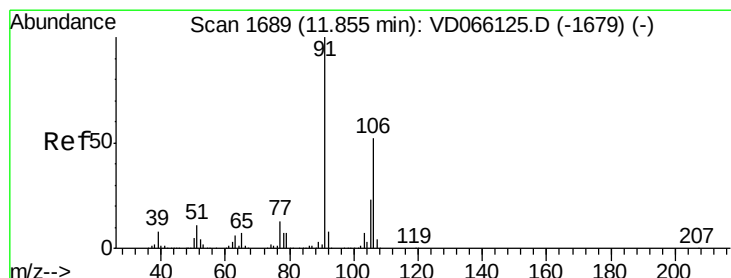
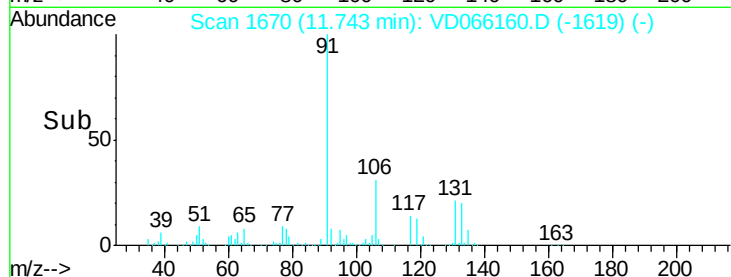
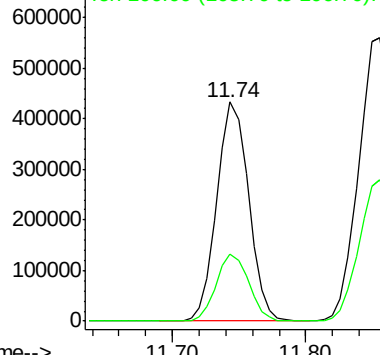
MMDadoda

8/10/2020 12:24:14 PM



Abundance Ion 91.00 (90.70 to 91.70): VD066160.D

Ion 106.00 (105.70 to 106.70): VD066160.D



#68

m/p-Xylenes

Concen: 96.476 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD066160.D

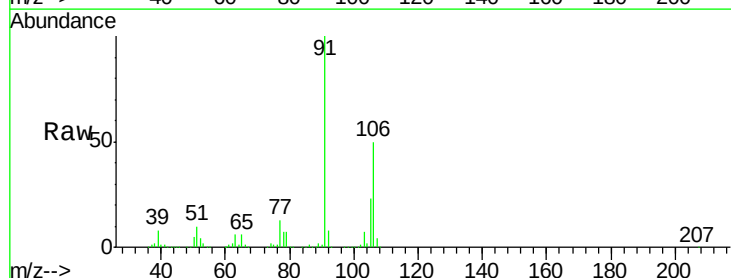
Acq: 07 Aug 2020 16:20

Tgt Ion: 106 Resp: 547359

Ion Ratio Lower Upper

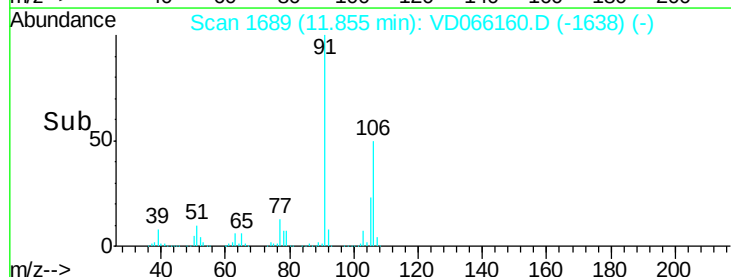
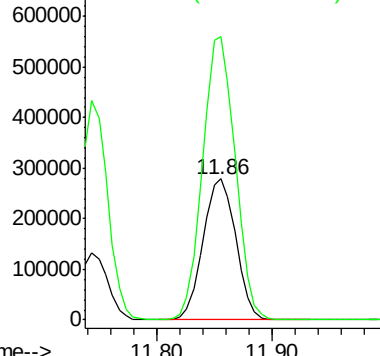
106 100

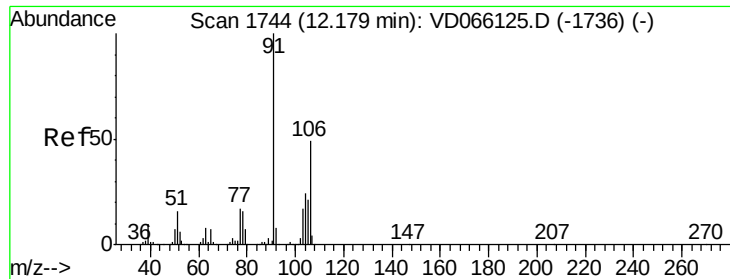
91 199.8 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): VD066160.D

Ion 91.00 (90.70 to 91.70): VD066160.D





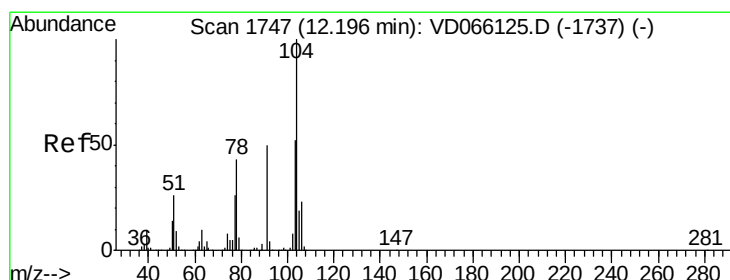
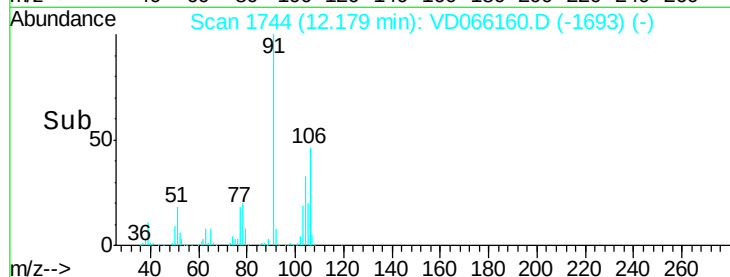
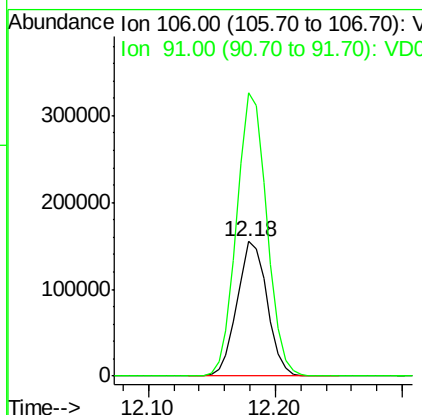
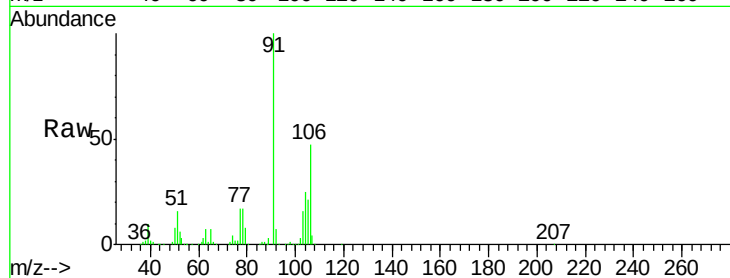
#69
o-Xylene
Concen: 49.124 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.0	105.7	317.1	

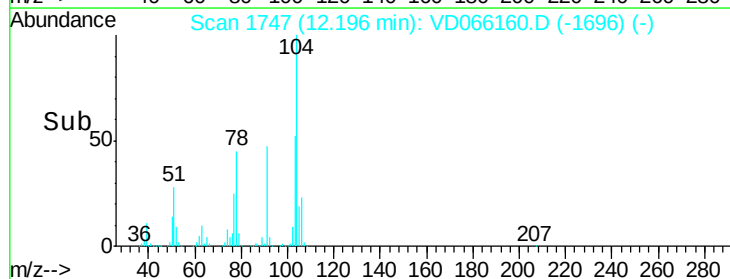
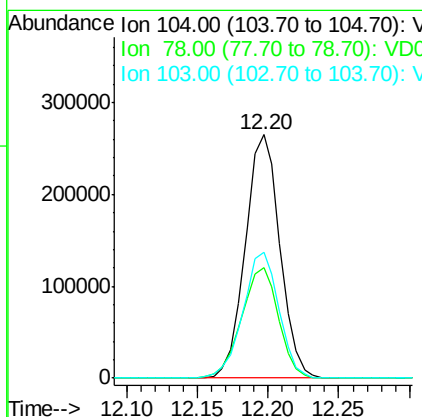
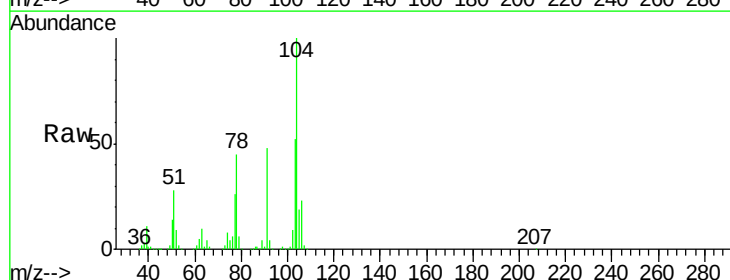
Manual Integrations
APPROVED

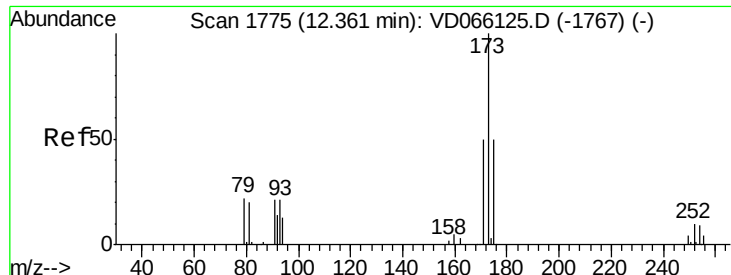
MMDadoda
8/10/2020 12:24:14 PM



#70
Styrene
Concen: 50.386 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.3	38.6	58.0	
103	53.6	44.1	66.1	





#71

Bromoform

Concen: 46.616 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

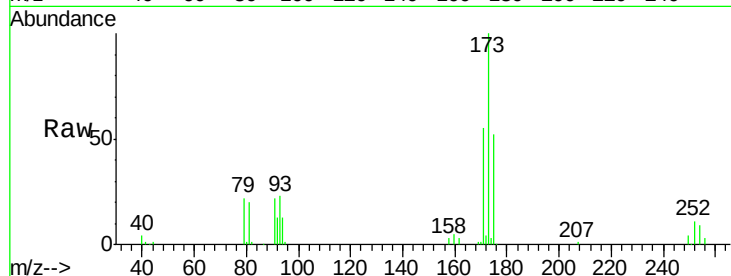
ClientSampleId :

VSTDCCC050EC

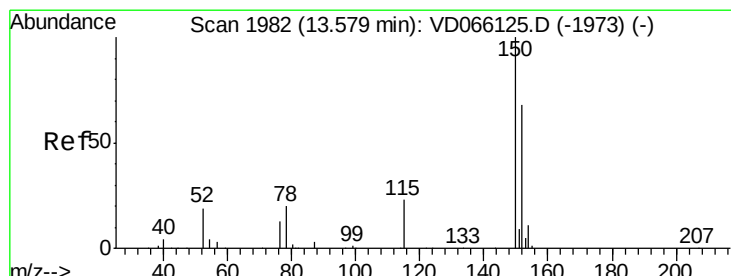
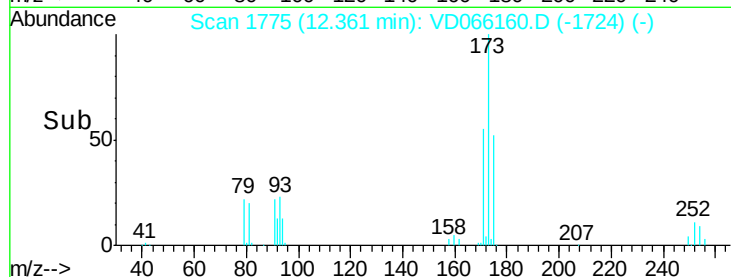
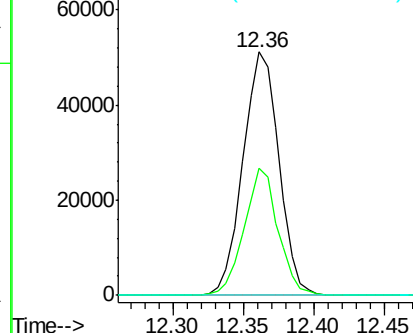
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.6	73.6
254	0.0	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:14 PM



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

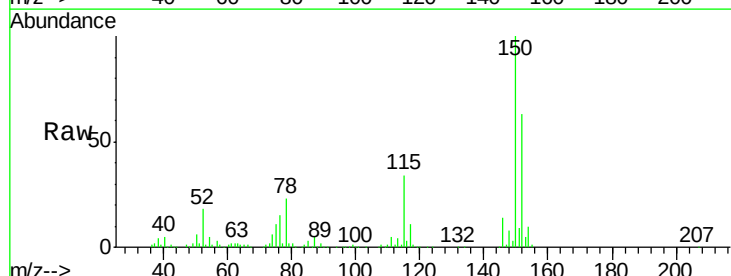
RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

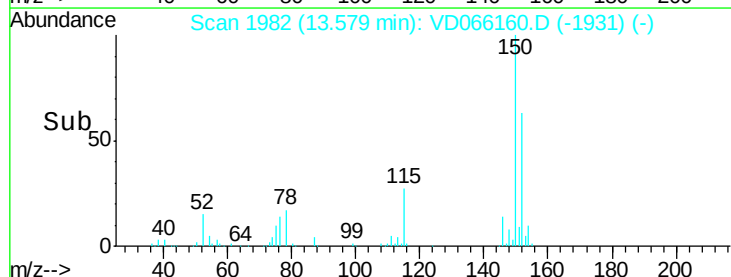
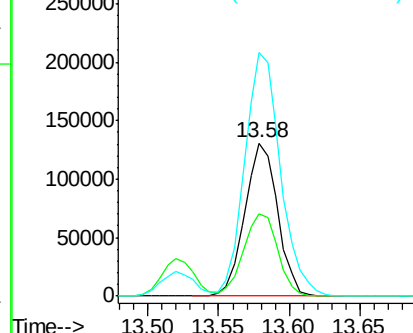
Lab File: VD066160.D

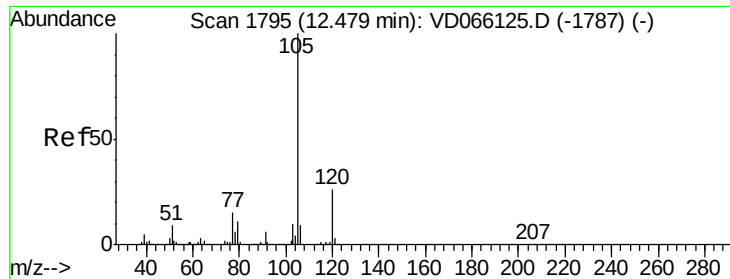
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.0	83.9
150	173.1	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: 49.463 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 703307

Ion Ratio Lower Upper

105 100

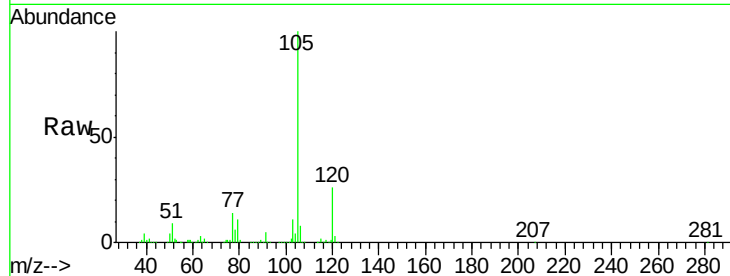
120 26.6 13.3 39.9

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:14 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

400000

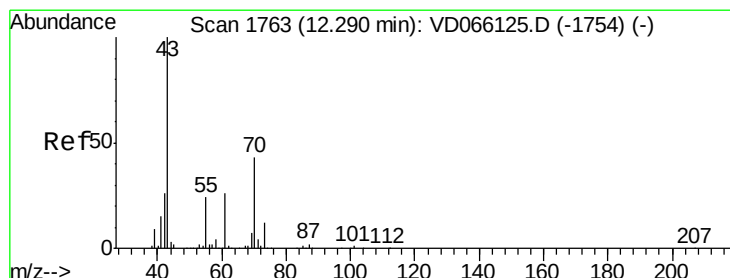
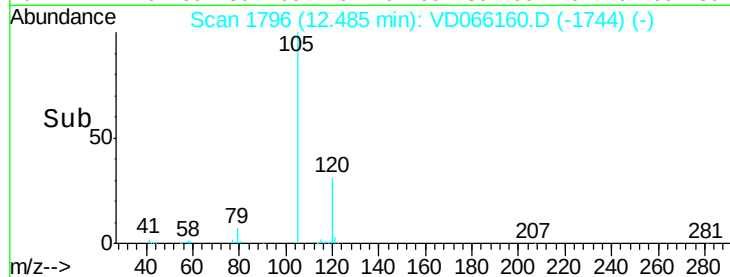
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 48.674 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Tgt Ion: 43 Resp: 152404

Ion Ratio Lower Upper

43 100

70 45.3 34.9 52.3

55 25.0 19.2 28.8

61 24.4 19.7 29.5

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.29

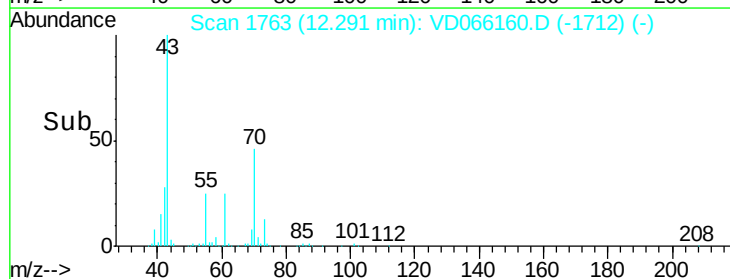
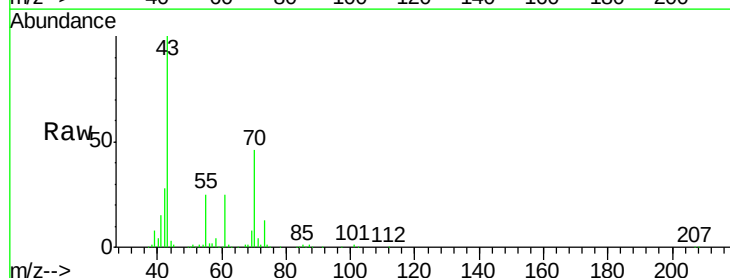
150000

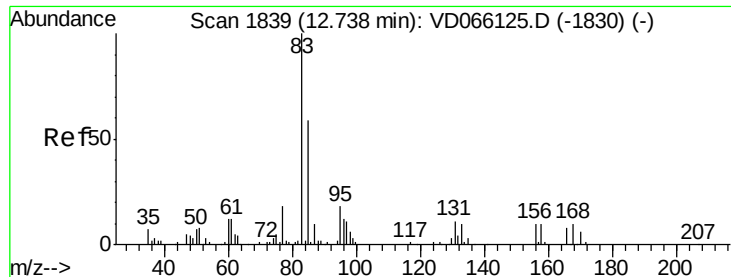
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.782 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

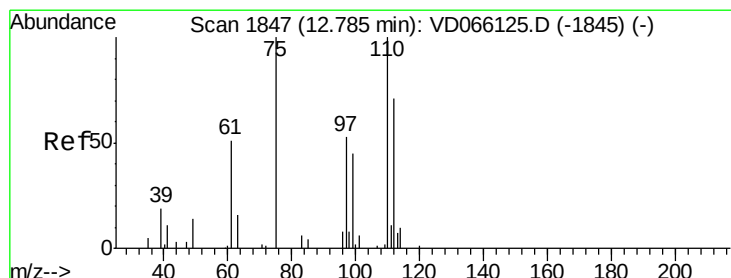
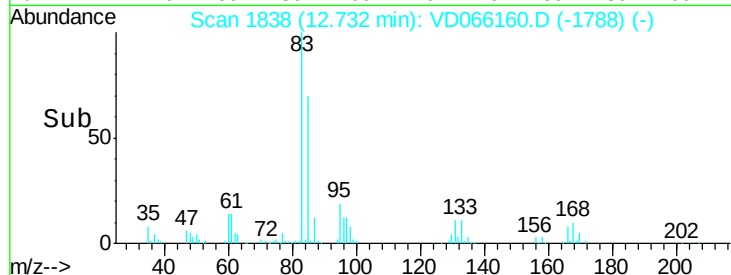
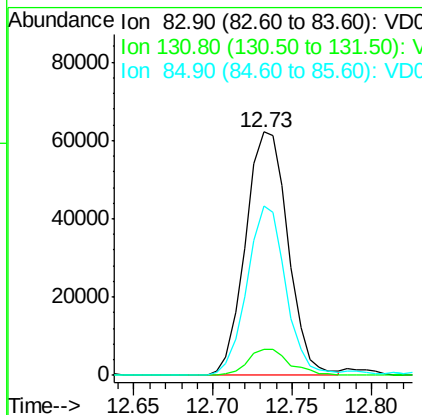
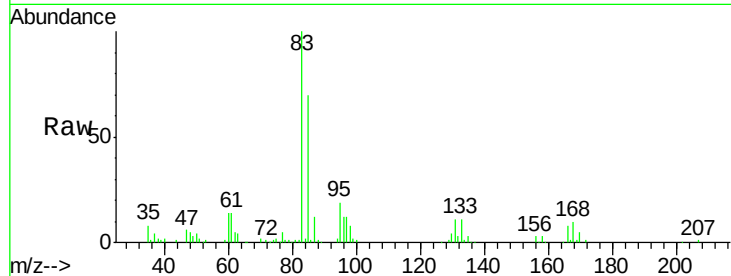
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	115850
Ion Ratio	Lower	Upper	
83	100		
131	10.9	6.2	18.6
85	63.4	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:14 PM



#76

1,2,3-Trichloropropane

Concen: 46.260 ug/l m

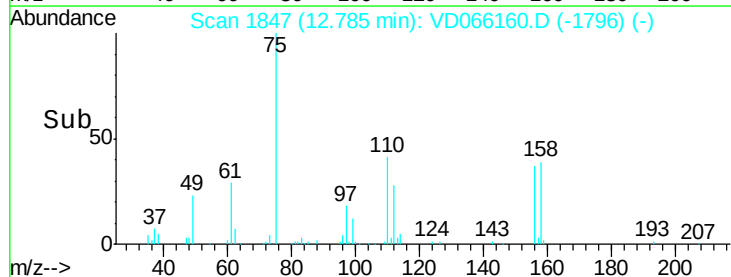
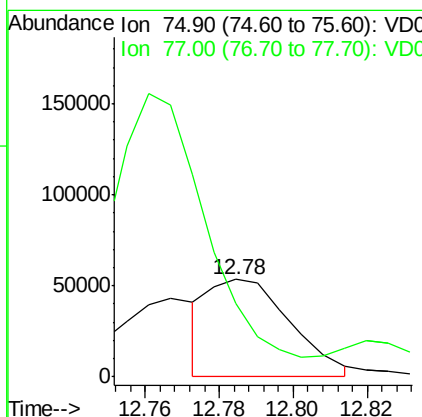
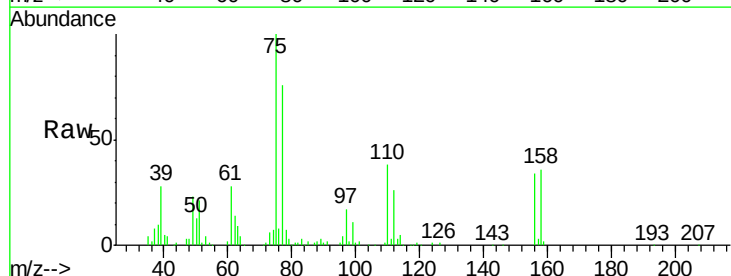
RT: 12.78 min Scan# 1847

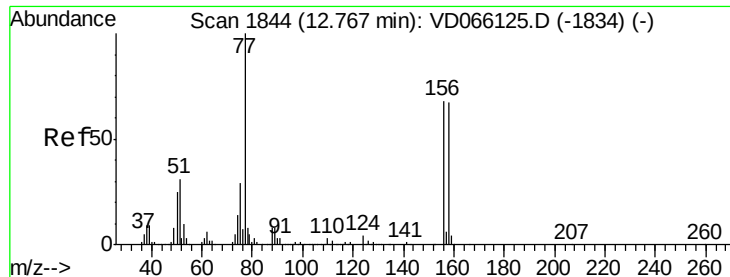
Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Tgt Ion:	75	Resp:	82174
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.957 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

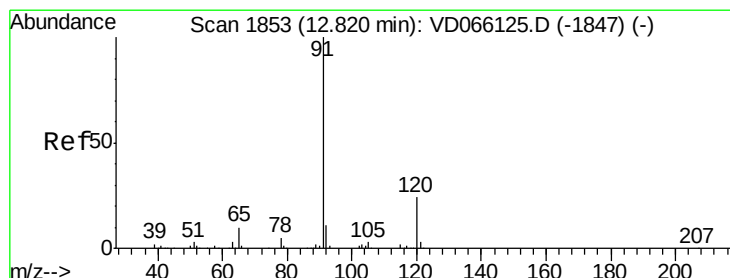
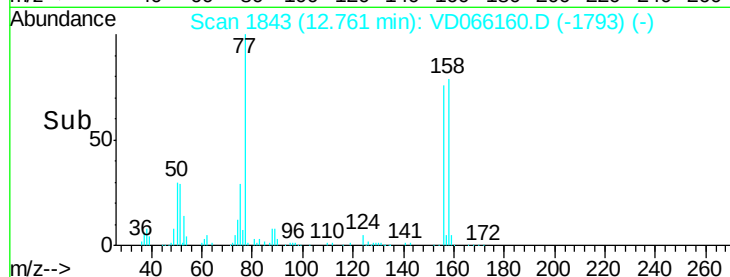
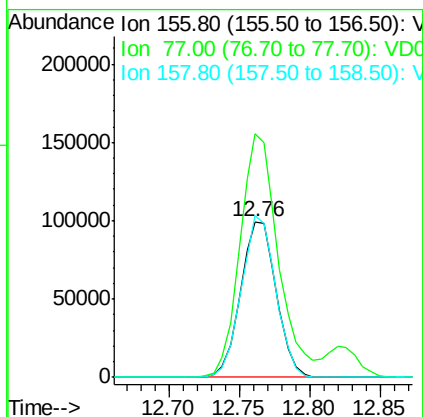
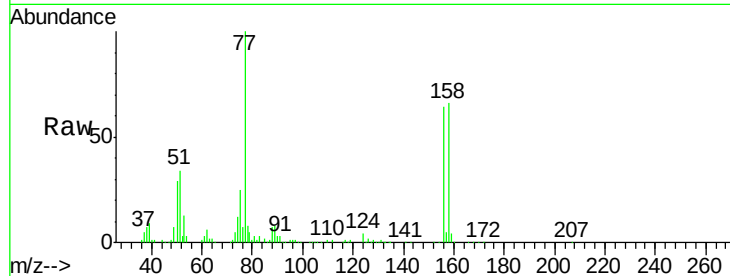
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	175535
Ion Ratio	Lower	Upper	
156	100		
77	166.5	81.0	243.1
158	100.0	48.8	146.3

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:14 PM



#78

n-propylbenzene

Concen: 49.103 ug/l

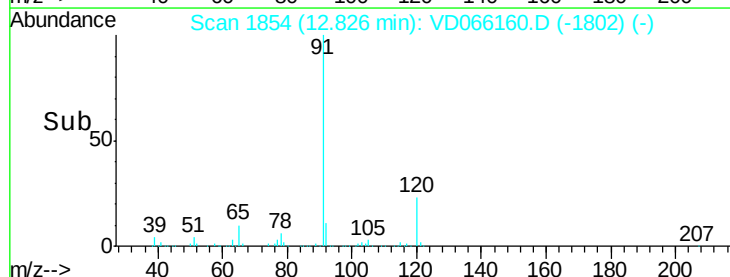
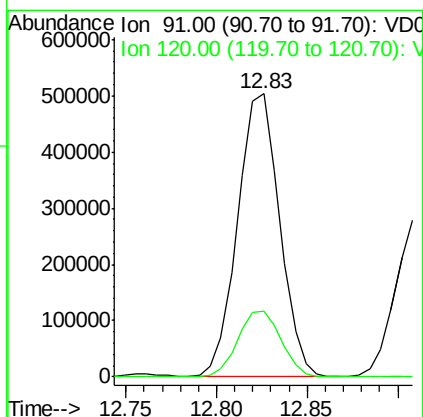
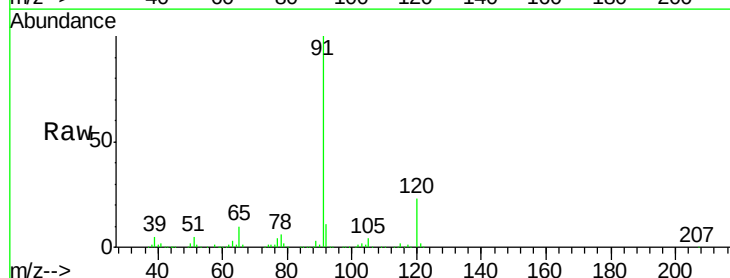
RT: 12.83 min Scan# 1854

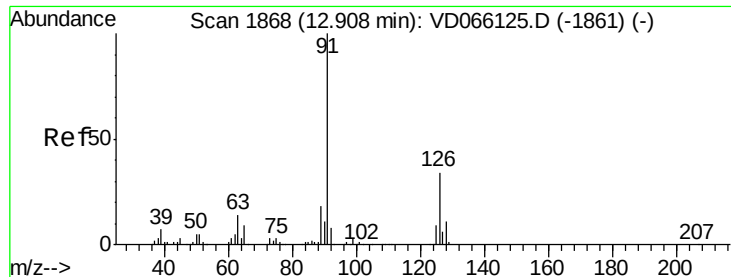
Delta R.T. 0.01 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Tgt Ion:	91	Resp:	811609
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.0	36.0





#79

2-Chlorotoluene

Concen: 49.351 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 466529

Ion Ratio Lower Upper

91 100

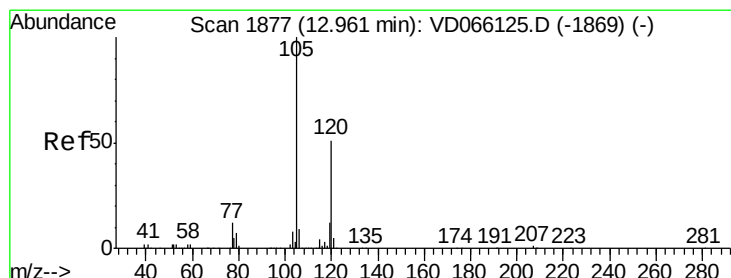
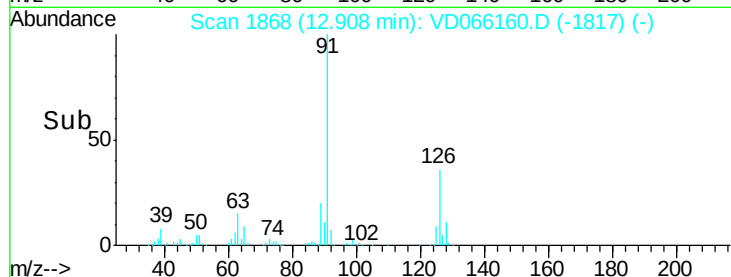
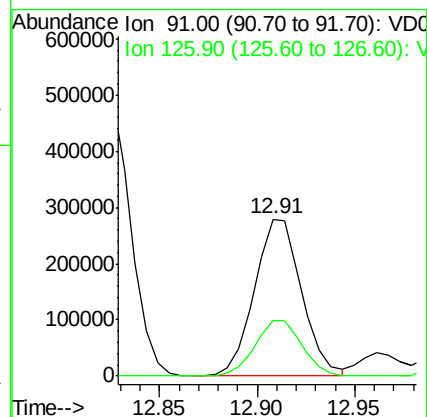
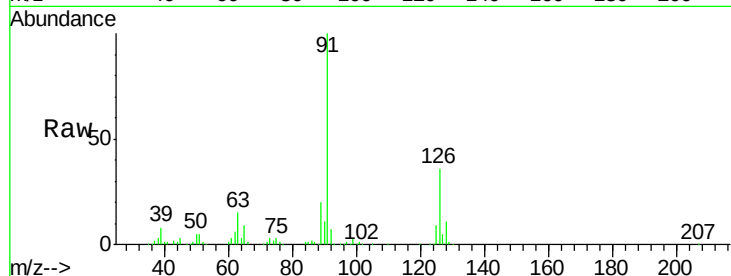
126 35.8 17.5 52.6

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:14 PM



#80

1,3,5-Trimethylbenzene

Concen: 49.617 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066160.D

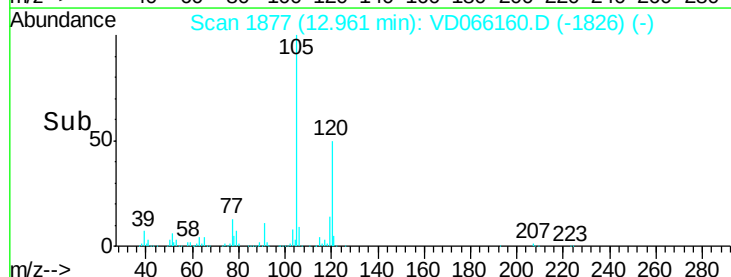
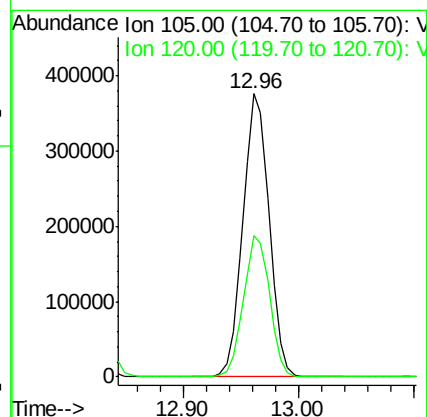
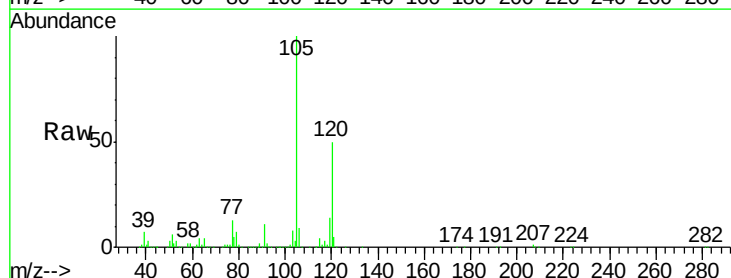
Acq: 07 Aug 2020 16:20

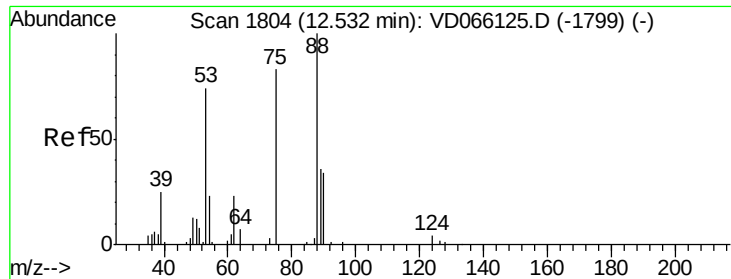
Tgt Ion: 105 Resp: 590016

Ion Ratio Lower Upper

105 100

120 49.8 25.3 75.8





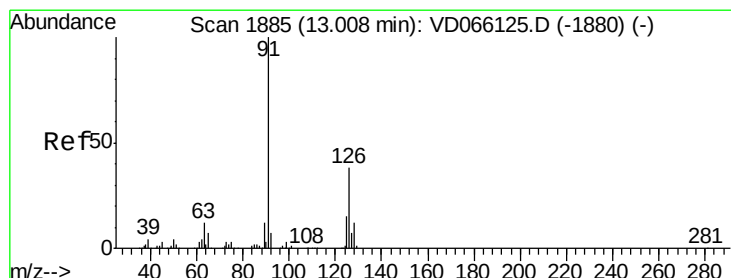
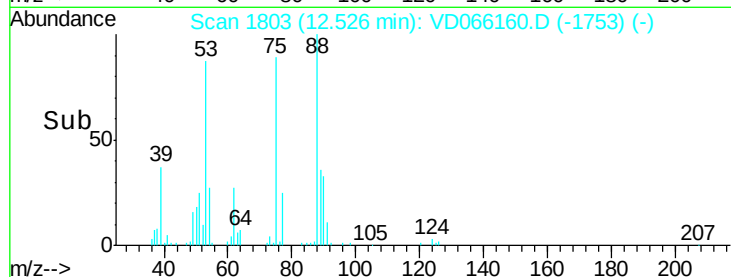
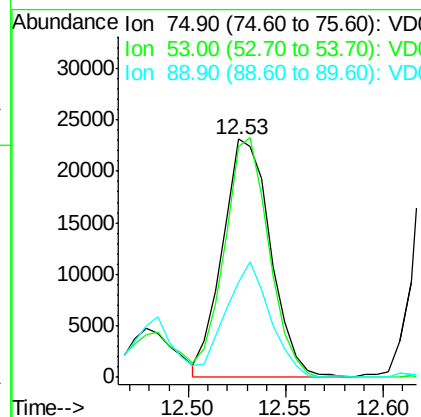
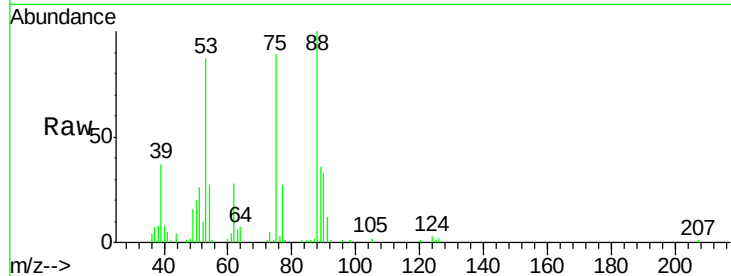
#81
trans-1,4-Dichloro-2-butene
Concen: 49.063 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.2	73.4	110.2
89	44.9	36.6	55.0

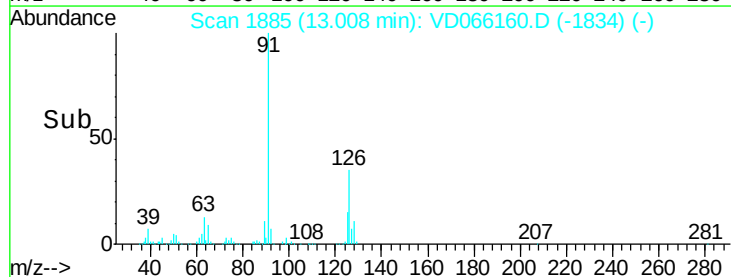
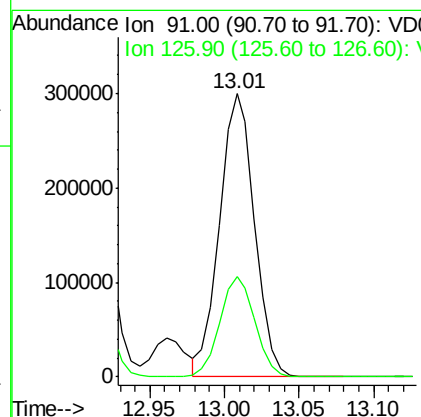
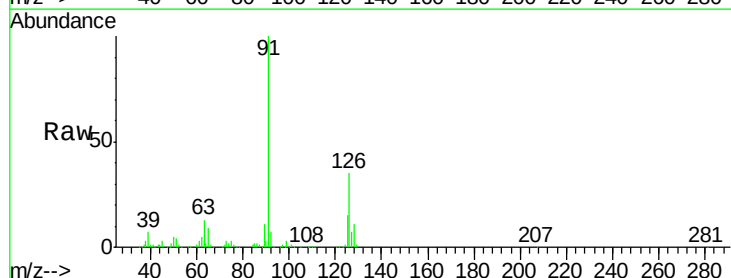
Manual Integrations
APPROVED

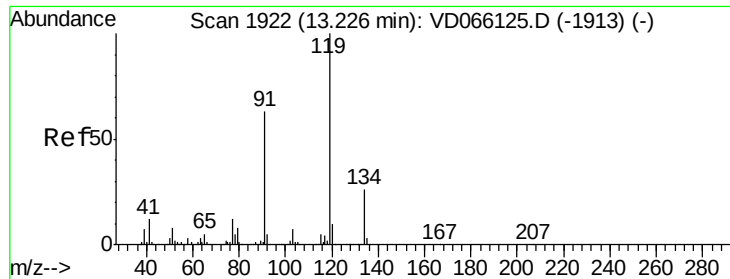
MMDadoda
8/10/2020 12:24:14 PM



#82
4-Chlorotoluene
Concen: 49.051 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.8	53.3





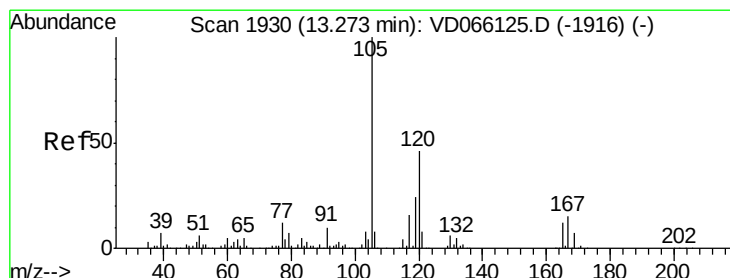
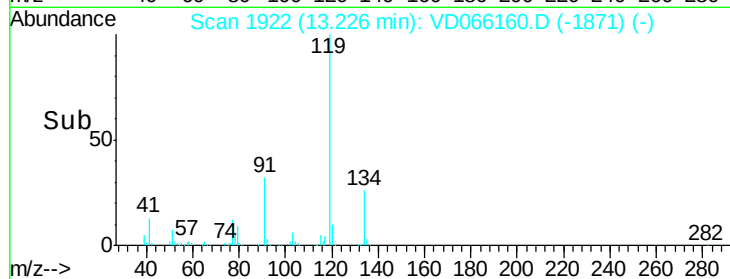
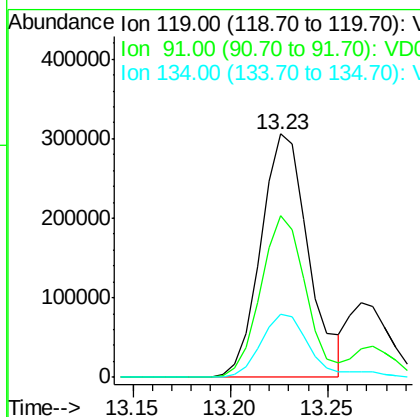
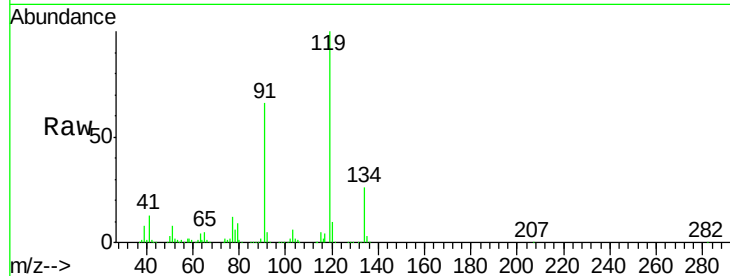
#83
 tert-Butylbenzene
 Concen: 49.521 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	517886		
91	62.9		30.8	92.4
134	27.3		13.6	40.8

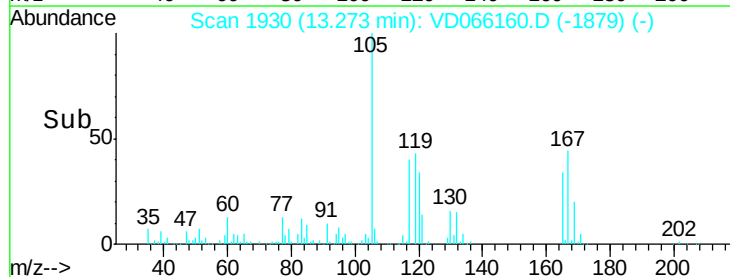
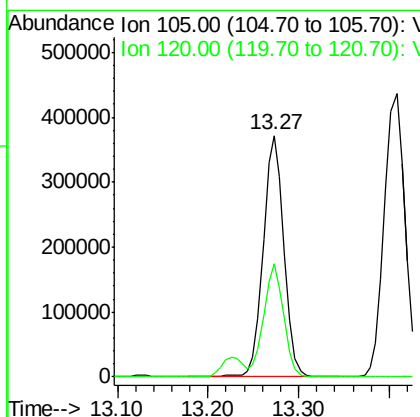
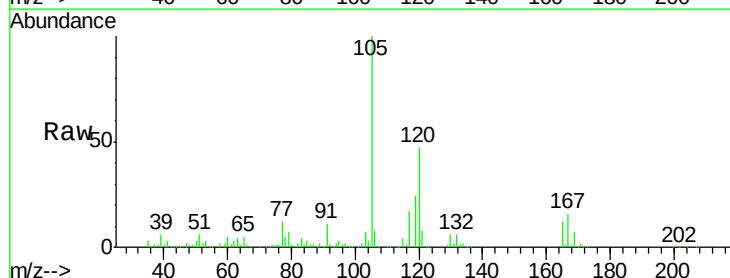
Manual Integrations
 APPROVED

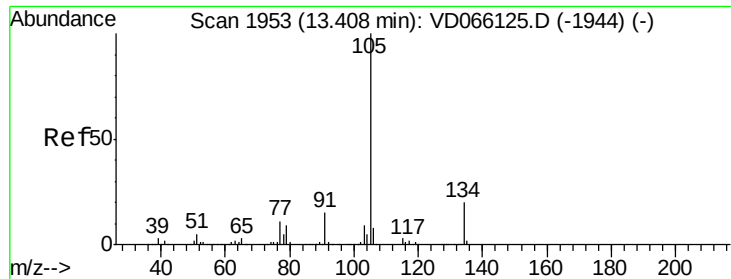
MMDadoda
 8/10/2020 12:24:14 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.727 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	591777		
120	45.5		23.1	69.2





#85

sec-Butylbenzene

Concen: 49.113 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 693446

Ion Ratio Lower Upper

105 100

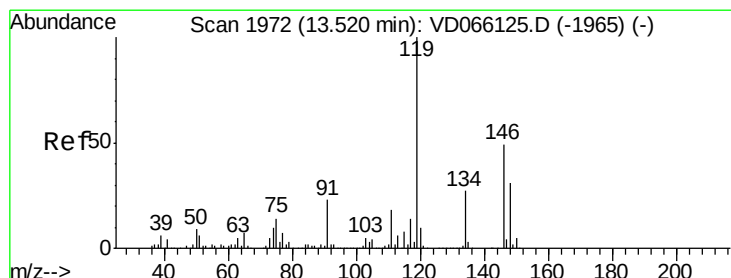
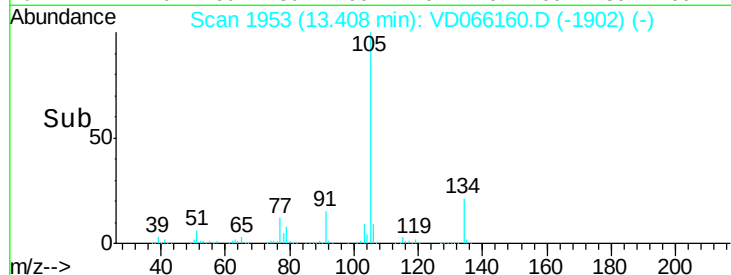
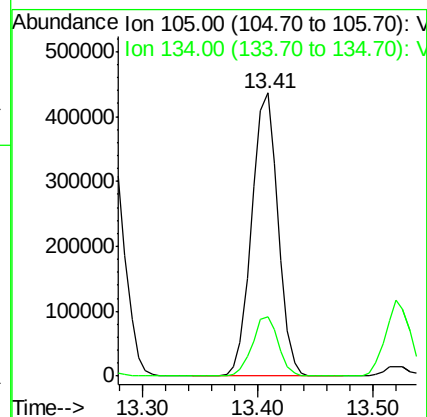
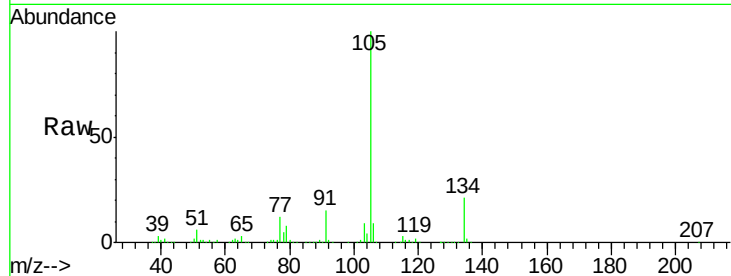
134 20.9 10.4 31.4

Manual Integrations

APPROVED

MMDadoda

8/10/2020 12:24:14 PM



#86

p-Isopropyltoluene

Concen: 49.049 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

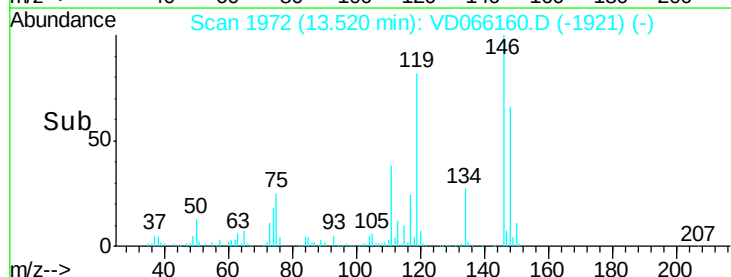
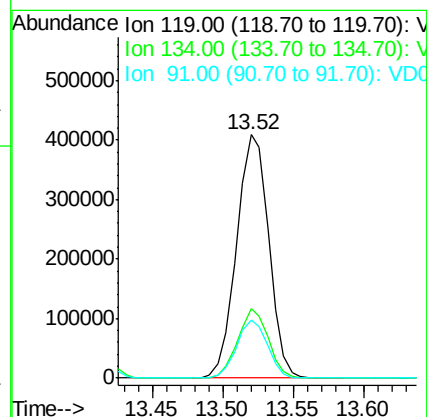
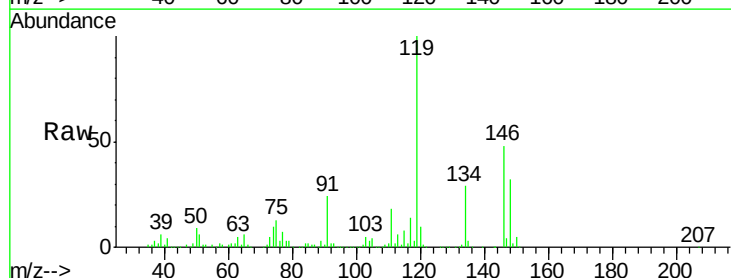
Tgt Ion:119 Resp: 649543

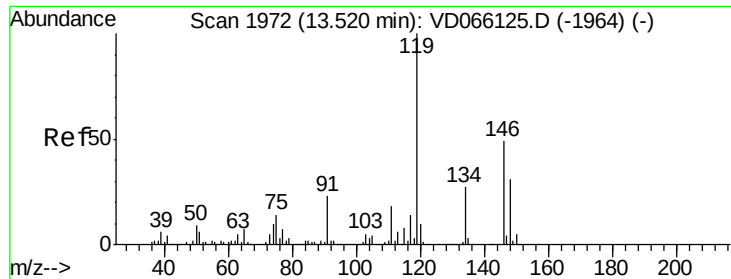
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 22.8 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 48.261 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

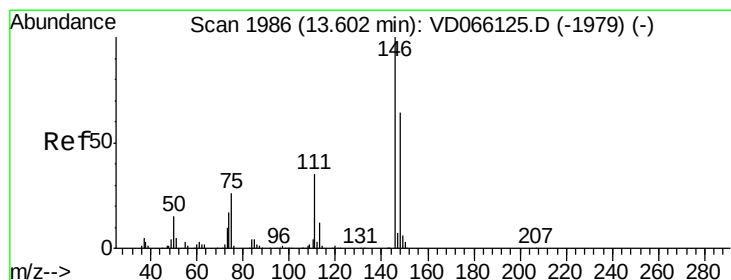
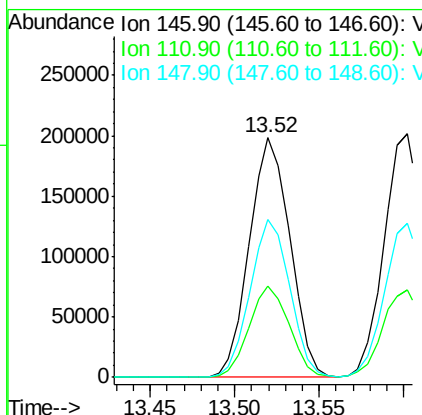
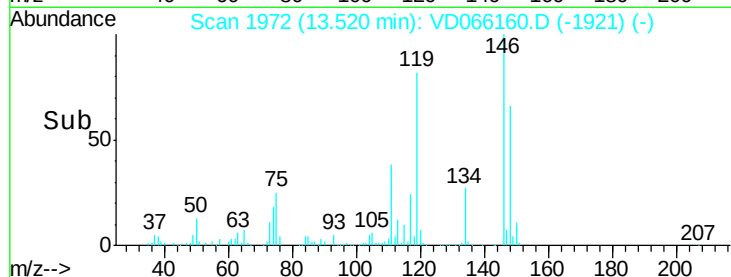
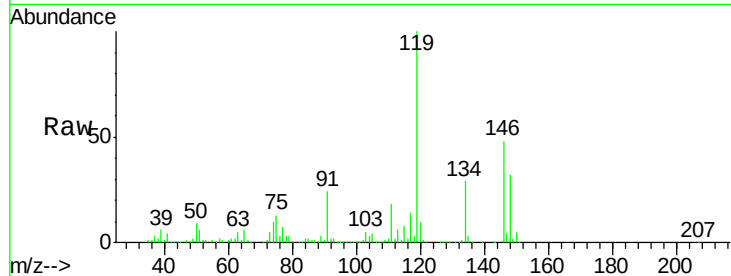
Instrument :
MSVOA_D

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.9
148	64.6	31.8	95.3

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:14 PM



#88

1,4-Dichlorobenzene

Concen: 48.131 ug/l

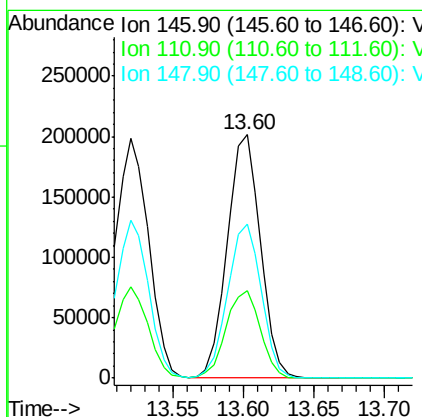
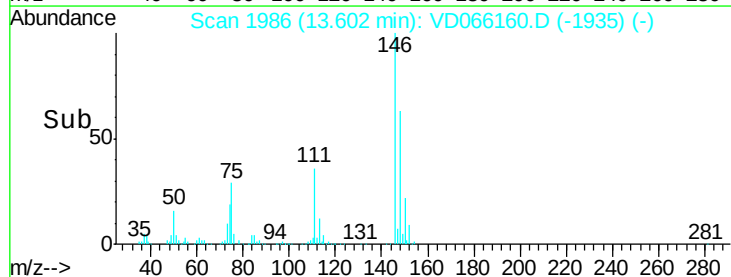
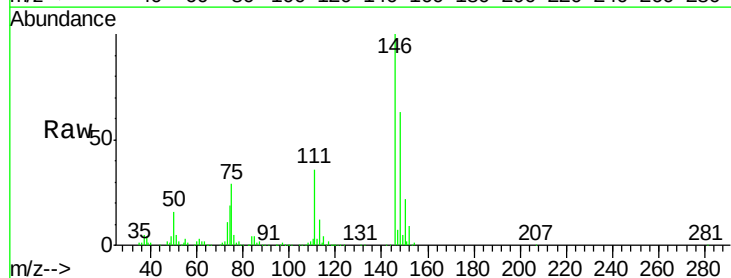
RT: 13.60 min Scan# 1986

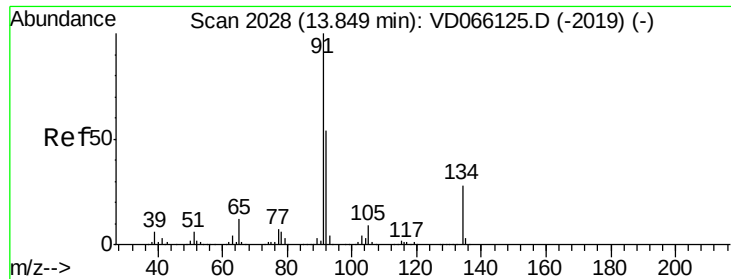
Delta R.T. 0.00 min

Lab File: VD066160.D

Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	64.2	32.4	97.0





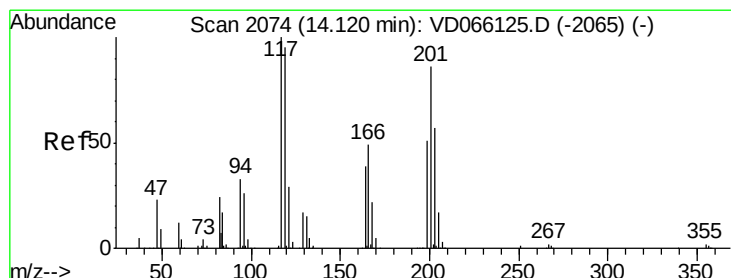
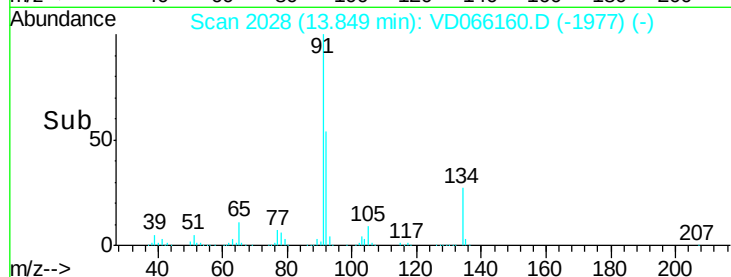
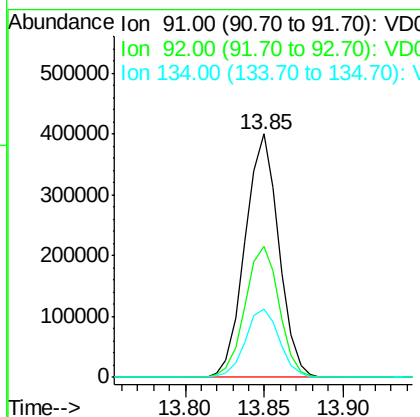
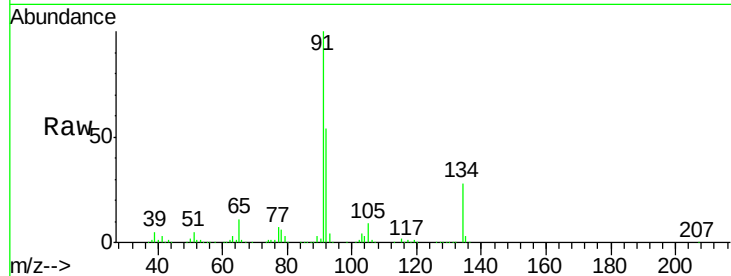
#89
n-Butylbenzene
Concen: 49.903 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.8	80.3
134	28.3	14.0	41.9

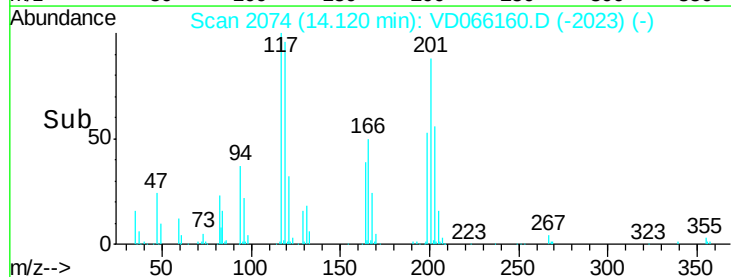
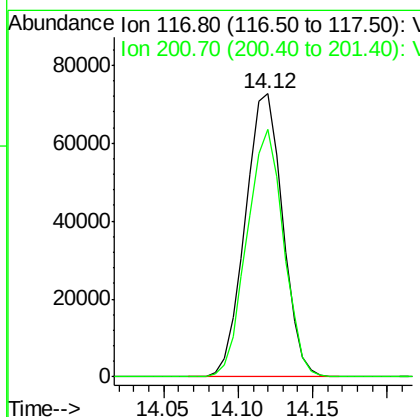
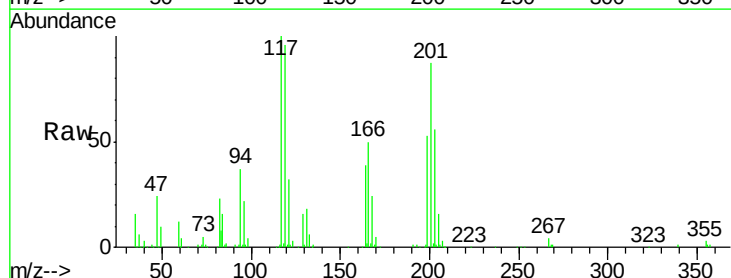
Manual Integrations
APPROVED

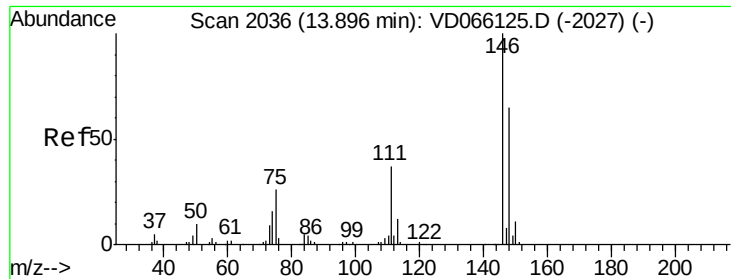
MMDadoda
8/10/2020 12:24:14 PM



#90
Hexachloroethane
Concen: 47.768 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.6	42.7	128.1





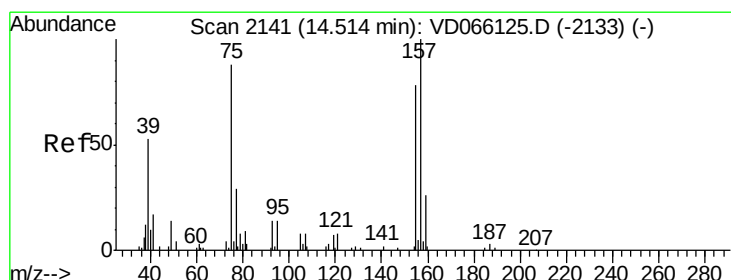
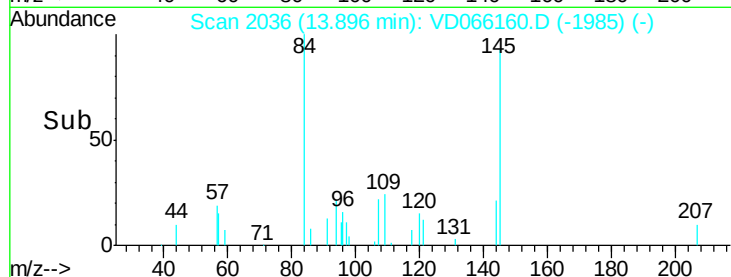
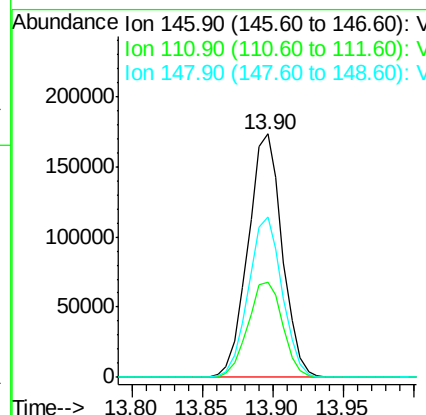
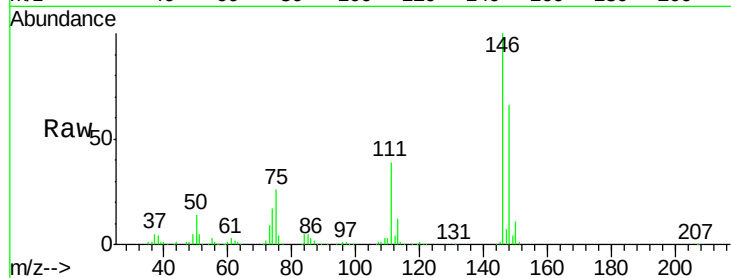
#91
 1,2-Dichlorobenzene
 Concen: 48.310 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.8	56.3
148	65.2	31.9	95.5

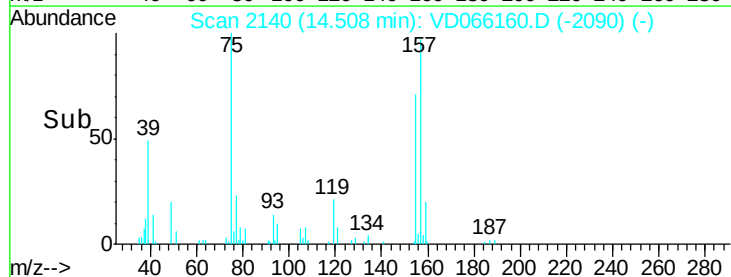
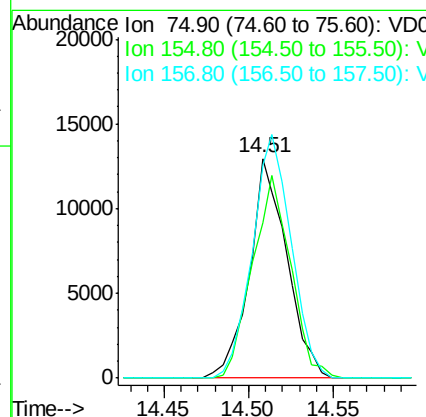
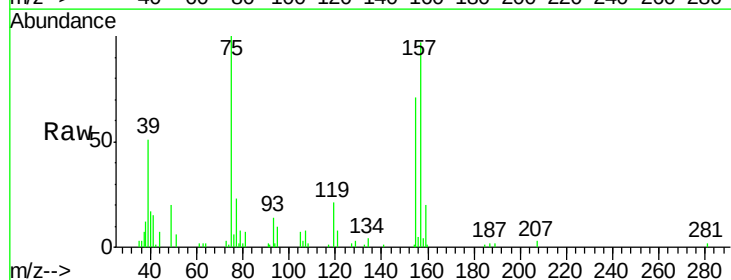
Manual Integrations
 APPROVED

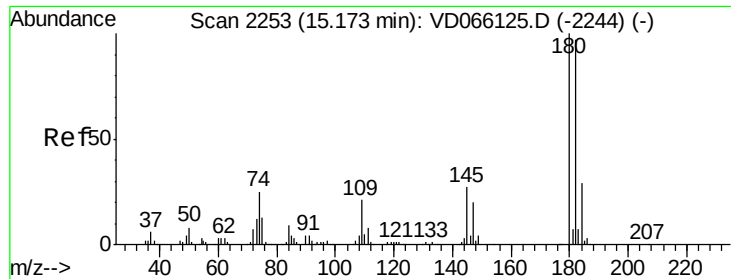
MMDadoda
 8/10/2020 12:24:14 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.887 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	47.7	143.1
157	115.5	62.1	186.2





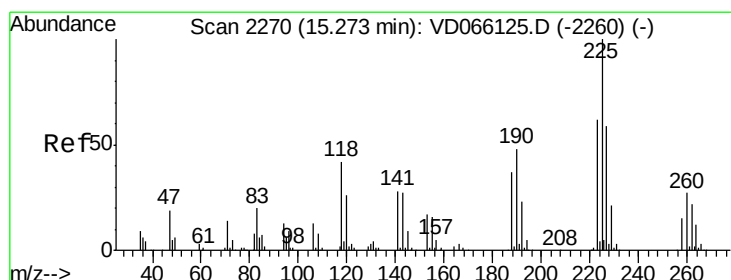
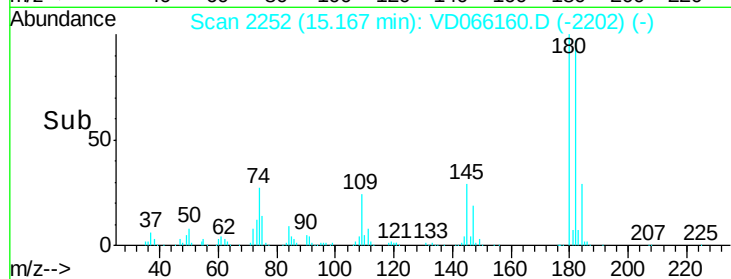
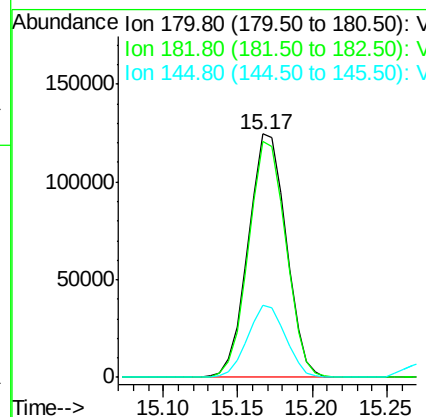
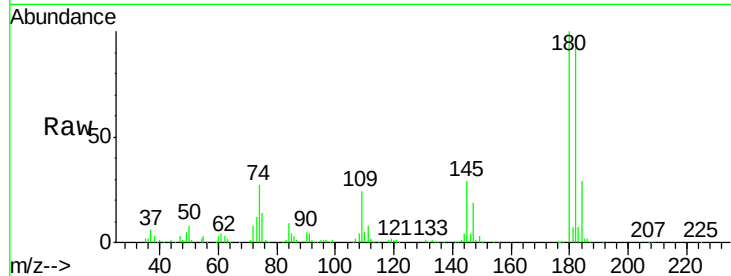
#93
 1,2,4-Trichlorobenzene
 Concen: 48.819 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	218879		
182	95.8	47.4	142.2	
145	29.7	14.5	43.6	

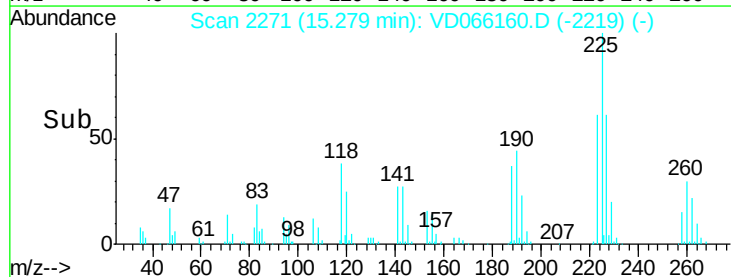
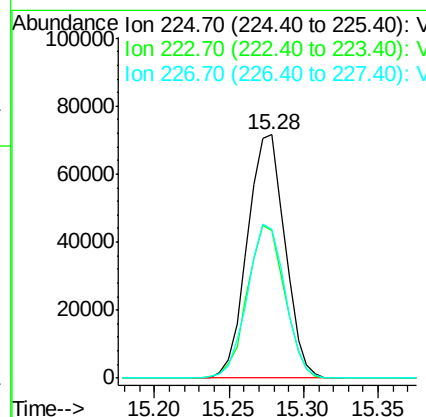
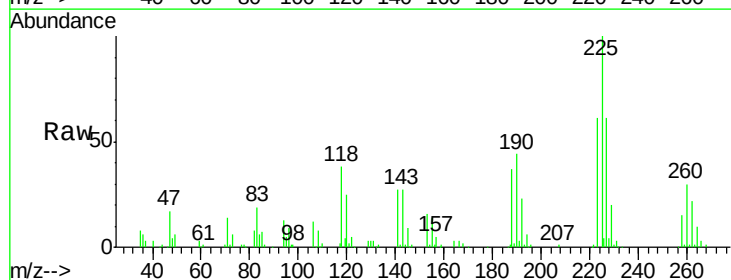
Manual Integrations
 APPROVED

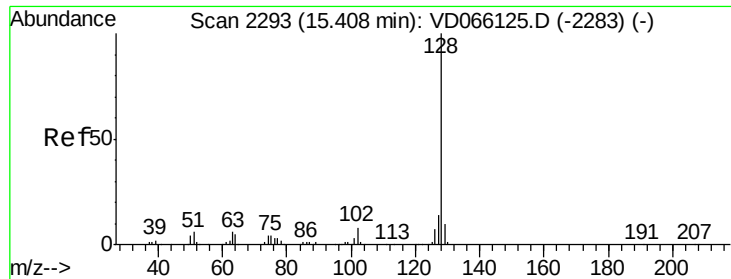
MMDadoda
 8/10/2020 12:24:14 PM



#94
 Hexachlorobutadiene
 Concen: 47.254 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066160.D
 Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	124757		
223	62.5	32.3	96.9	
227	63.4	32.1	96.5	





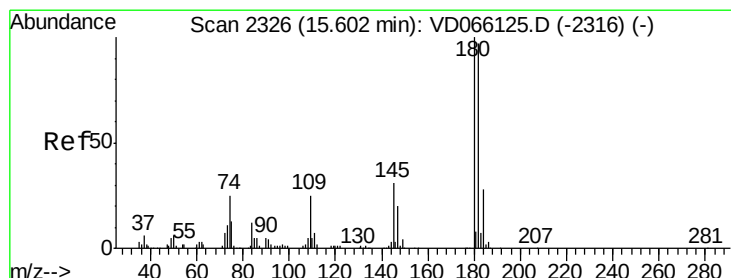
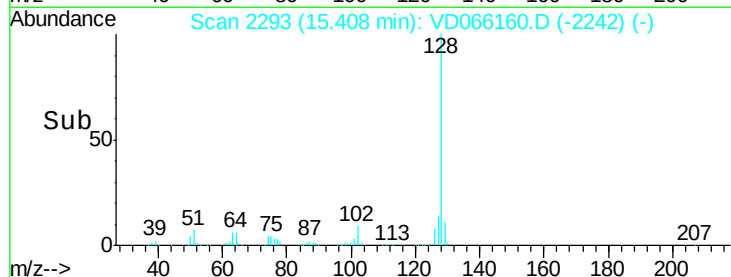
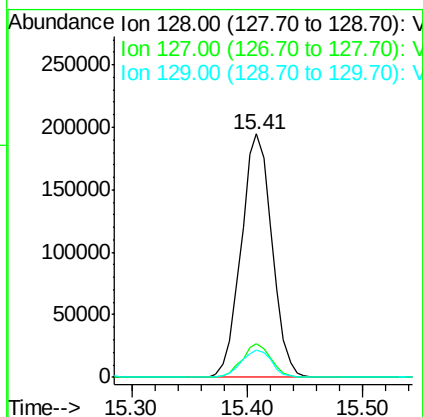
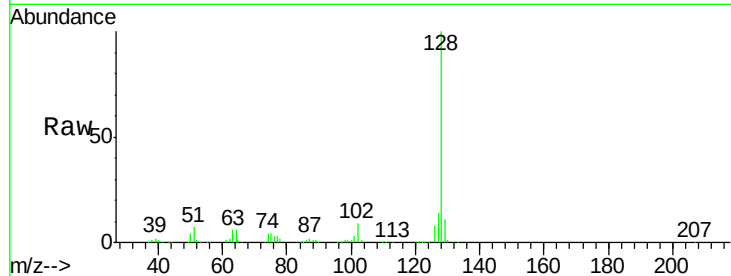
#95
Naphthalene
Concen: 49.281 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	11.0	16.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.623 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066160.D
Acq: 07 Aug 2020 16:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.1	141.4
145	31.0	14.9	44.9

