

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
 Data File : VY002510.D
 Acq On : 30 Apr 2020 14:18
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 4:30:59 PM

Quant Time: May 04 12:20:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	373644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	555461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	502958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	264153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	16613	5.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.58%	
35) Dibromofluoromethane	7.74	113	16934	5.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.66%	
50) Toluene-d8	10.19	98	65338	5.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.54%	
62) 4-Bromofluorobenzene	12.48	95	22957	5.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	14118	4.975	ug/l	99
3) Chloromethane	2.12	50	15661	5.173	ug/l	98
4) Vinyl Chloride	2.26	62	17540	5.018	ug/l	95
5) Bromomethane	2.66	94	13021	5.402	ug/l	98
6) Chloroethane	2.80	64	10544	5.052	ug/l #	87
7) Trichlorofluoromethane	3.15	101	27078	4.998	ug/l	97
8) Diethyl Ether	3.55	74	8619	4.734	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	17198	5.194	ug/l	100
10) Methyl Iodide	4.11	142	19021	4.217	ug/l	98
11) Tert butyl alcohol	4.97	59	9414	29.125	ug/l #	91
12) 1,1-Dichloroethene	3.89	96	16655	5.178	ug/l	91
13) Acrolein	3.74	56	4836	21.637	ug/l	100
14) Allyl chloride	4.50	41	22598	4.822	ug/l	99
15) Acrylonitrile	5.19	53	20364	23.719	ug/l	100
16) Acetone	3.97	43	15596	24.054	ug/l	99
17) Carbon Disulfide	4.22	76	48484	5.010	ug/l	100
18) Methyl Acetate	4.50	43	11383	5.254	ug/l	100
19) Methyl tert-butyl Ether	5.25	73	40150	4.784	ug/l	96
20) Methylene Chloride	4.74	84	21052	5.806	ug/l	92
21) trans-1,2-Dichloroethene	5.25	96	17742	5.047	ug/l	96
22) Diisopropyl ether	6.14	45	46520	4.906	ug/l	99
23) Vinyl Acetate	6.09	43	135431	22.710	ug/l	98
24) 1,1-Dichloroethane	6.05	63	27879	4.970	ug/l	99
25) 2-Butanone	7.01	43	25519	24.044	ug/l	100
26) 2,2-Dichloropropane	7.00	77	28976	5.434	ug/l	94
27) cis-1,2-Dichloroethene	7.02	96	19910	5.118	ug/l	98
28) Bromochloromethane	7.35	49	11455	4.984	ug/l	96
29) Tetrahydrofuran	7.37	42	16802	23.928	ug/l	98
30) Chloroform	7.53	83	29054	4.981	ug/l	98
31) Cyclohexane	7.80	56	32747	5.799	ug/l #	86
32) 1,1,1-Trichloroethane	7.72	97	26222	4.837	ug/l	98
36) 1,1-Dichloropropene	7.94	75	23978	5.149	ug/l	99
37) Ethyl Acetate	7.10	43	11560	4.831	ug/l	96
38) Carbon Tetrachloride	7.92	117	24909	4.900	ug/l	93

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 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Quant Time: May 04 12:20:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:07:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	31621	5.141	ug/l	95
40) Benzene	8.18	78	67765	5.039	ug/l	99
41) Methacrylonitrile	7.34	41	5653m	4.519	ug/l	
42) 1,2-Dichloroethane	8.26	62	18137	4.808	ug/l	99
43) Isopropyl Acetate	8.29	43	20353	4.537	ug/l	99
44) Trichloroethene	8.96	130	21373	5.085	ug/l	98
45) 1,2-Dichloropropane	9.23	63	16006	4.931	ug/l	95
46) Dibromomethane	9.31	93	8960	4.798	ug/l	98
47) Bromodichloromethane	9.51	83	21854	4.813	ug/l	92
48) Methyl methacrylate	9.30	41	8927	4.397	ug/l	96
49) 1,4-Dioxane	9.31	88	2287	92.491	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	53368	23.081	ug/l	99
52) Toluene	10.25	92	42851	4.958	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	22166	4.659	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	26803	4.873	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	13290	4.880	ug/l	98
56) Ethyl methacrylate	10.52	69	16441	4.538	ug/l	100
57) 1,3-Dichloropropane	10.80	76	22180	4.803	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.80	63	46059	24.108	ug/l	98
59) 2-Hexanone	10.84	43	35599	22.369	ug/l	100
60) Dibromochloromethane	10.99	129	16464	4.753	ug/l	99
61) 1,2-Dibromoethane	11.09	107	12844	4.763	ug/l	99
64) Tetrachloroethene	10.73	164	23037	5.155	ug/l	95
65) Chlorobenzene	11.52	112	48427	5.065	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.60	131	17287	4.871	ug/l	98
67) Ethyl Benzene	11.60	91	83678	4.982	ug/l	98
68) m/p-Xylenes	11.71	106	65592	10.094	ug/l	99
69) o-Xylene	12.03	106	30247	4.971	ug/l	99
70) Styrene	12.05	104	50255	4.831	ug/l	99
71) Bromoform	12.22	173	10053	4.564	ug/l #	94
73) Isopropylbenzene	12.34	105	83717	4.890	ug/l	100
74) N-amyl acetate	12.15	43	17784	4.318	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	12546	4.608	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	11319m	4.801	ug/l	
77) Bromobenzene	12.61	156	21341	4.990	ug/l	98
78) n-propylbenzene	12.68	91	98165	4.941	ug/l	100
79) 2-Chlorotoluene	12.76	91	54537	4.956	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	68725	4.843	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	5547	4.738	ug/l	93
82) 4-Chlorotoluene	12.86	91	58165	5.032	ug/l	99
83) tert-Butylbenzene	13.08	119	59959	4.819	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	68705	4.858	ug/l	99
85) sec-Butylbenzene	13.26	105	86012	4.982	ug/l	100
86) p-Isopropyltoluene	13.38	119	80272	4.962	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	41081	5.075	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	40569	5.061	ug/l	90
89) n-Butylbenzene	13.70	91	76509	5.195	ug/l	98
90) Hexachloroethane	13.97	117	14394	4.886	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	35936	4.975	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2381	4.691	ug/l	97

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Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

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5/5/2020 4:30:59 PM

Quant Time: May 04 12:20:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:07:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	27508	5.245	ug/l	99
94) Hexachlorobutadiene	15.12	225	16770	5.327	ug/l	98
95) Naphthalene	15.24	128	44834	4.686	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	22532	5.061	ug/l	100

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

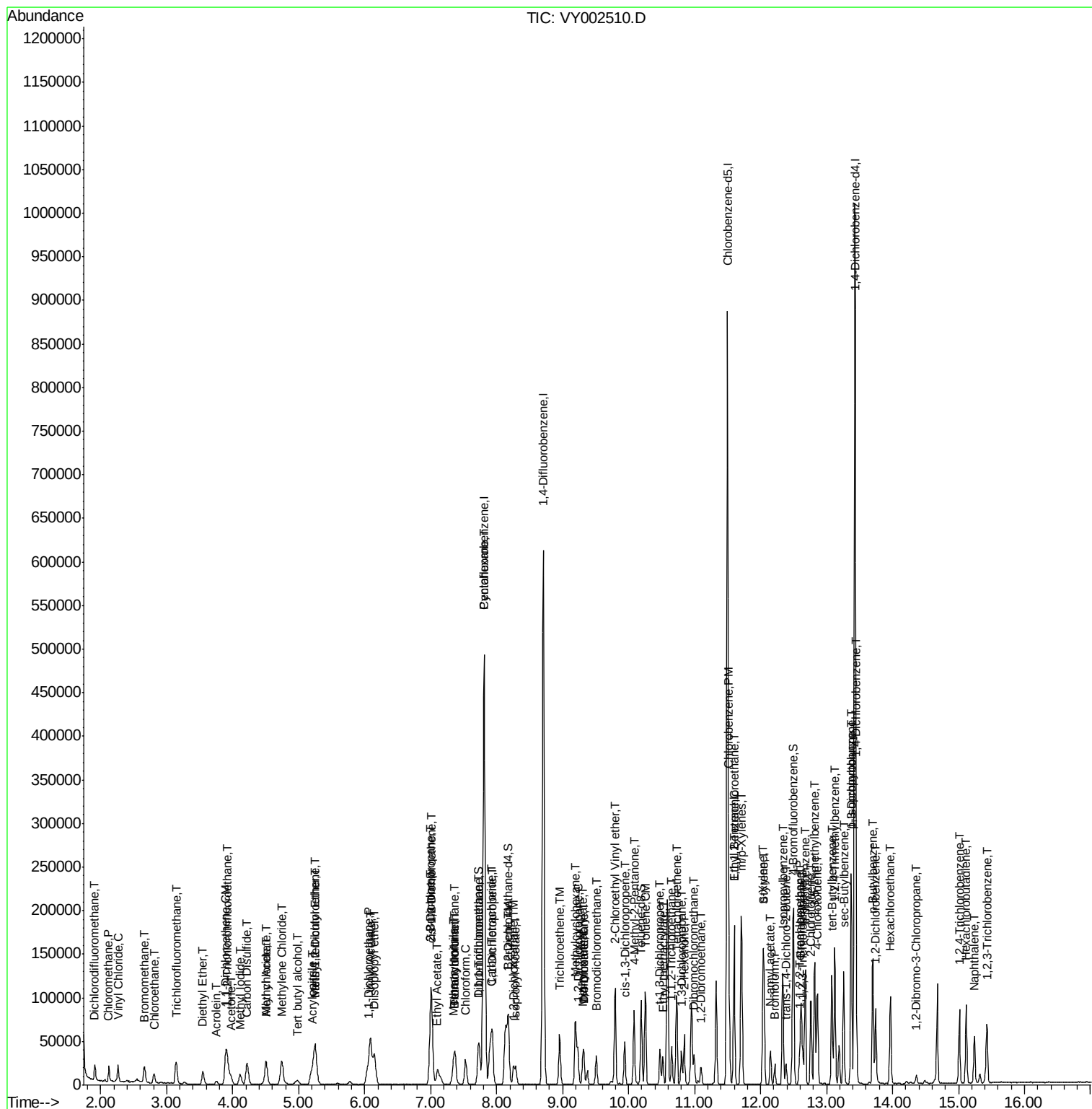
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY043020\
Data File : VY002510.D
Acq On : 30 Apr 2020 14:18
Operator : SY/MD
Sample : VSTDIC005
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

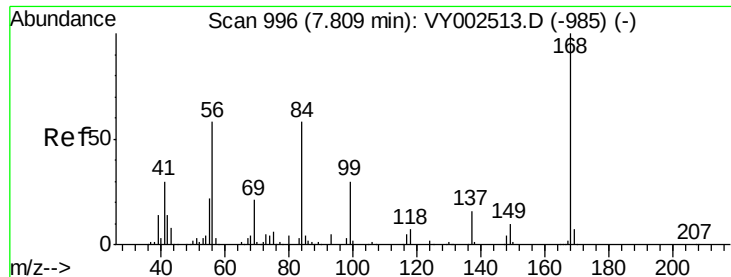
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

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5/5/2020 4:30:59 PM

Quant Time: May 04 12:20:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:07:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 373644

Ion Ratio Lower Upper

168 100

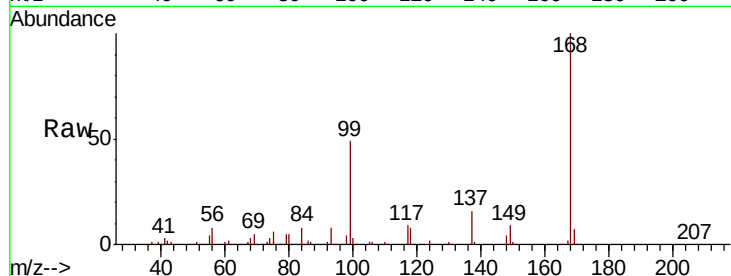
99 49.4 39.2 58.8

Manual Integrations

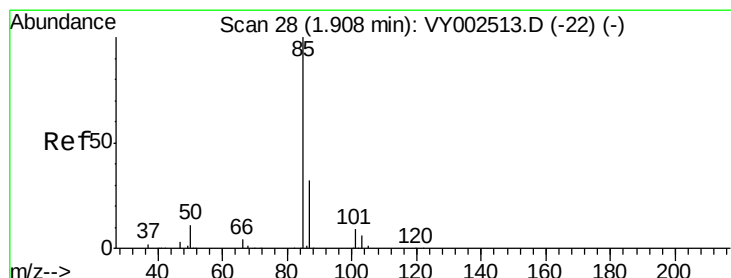
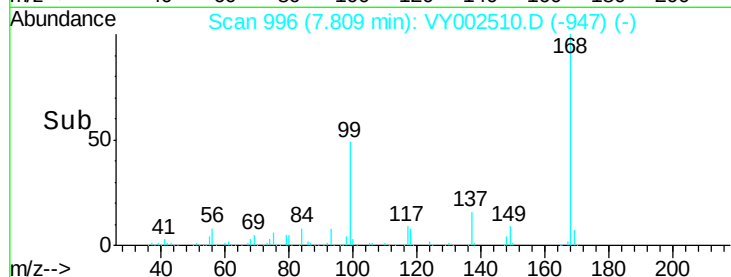
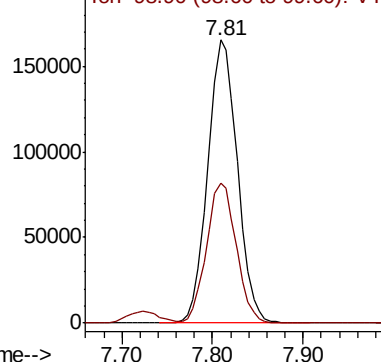
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Abundance Ion 167.90 (167.60 to 168.60): VY002510.D (-947) (-)



#2

Dichlorodifluoromethane

Concen: 4.975 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002510.D

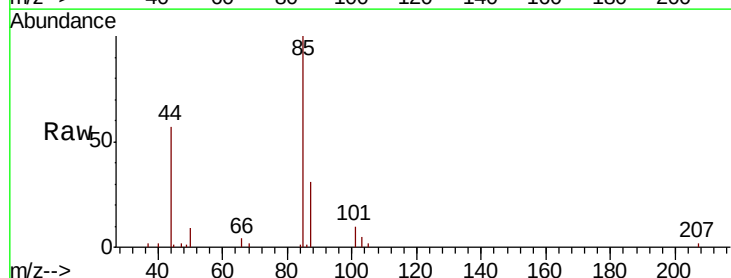
Acq: 30 Apr 2020 14:18

Tgt Ion: 85 Resp: 14118

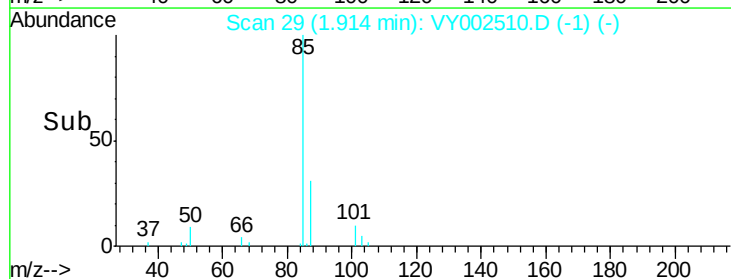
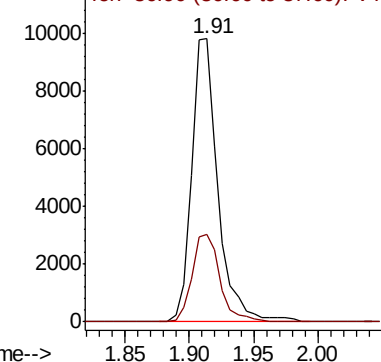
Ion Ratio Lower Upper

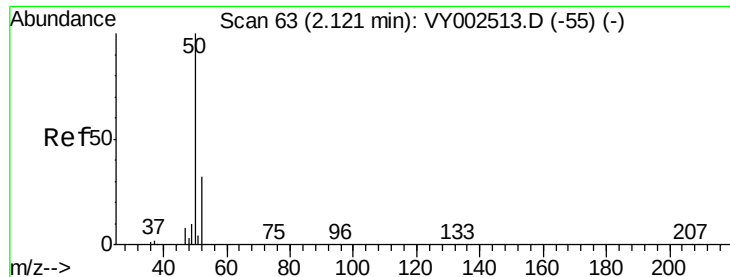
85 100

87 31.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002510.D (-1) (-)





#3

Chloromethane

Concen: 5.173 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 15661

Ion Ratio Lower Upper

50 100

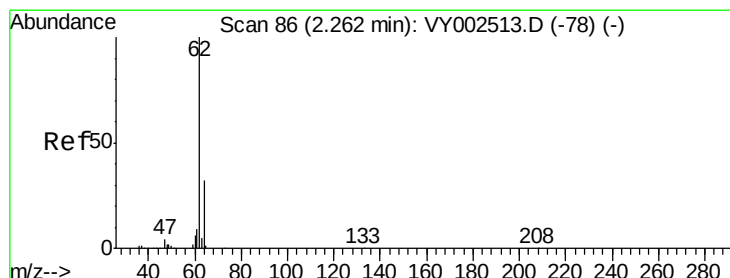
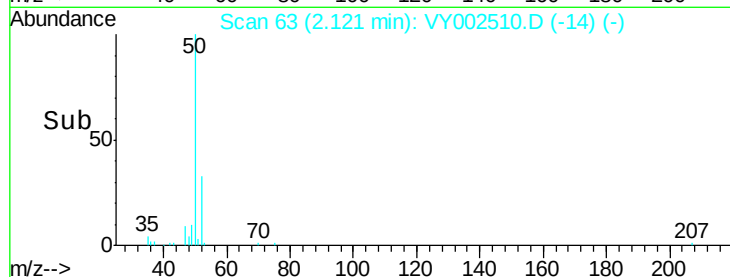
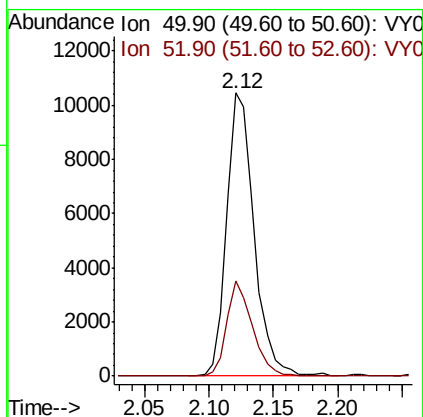
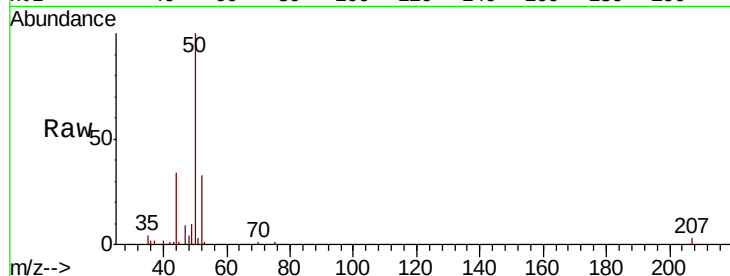
52 33.4 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.018 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002510.D

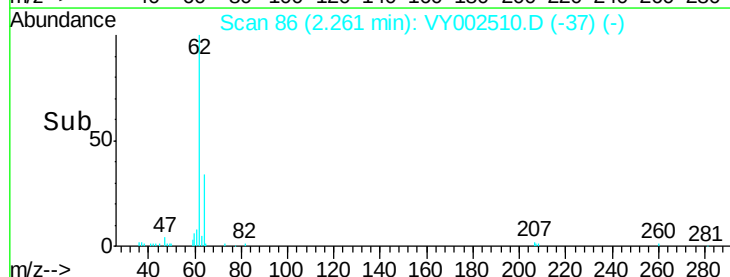
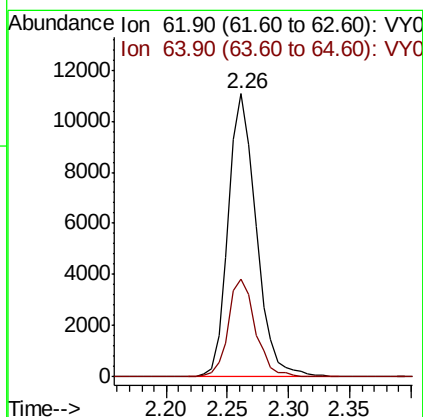
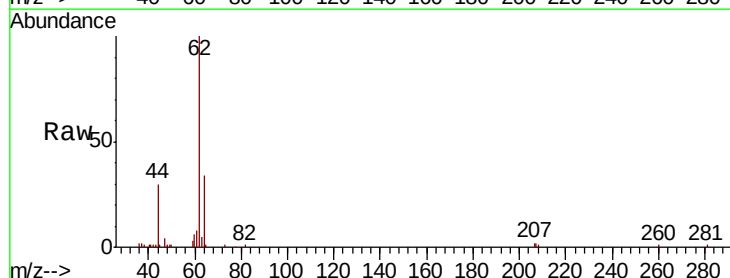
Acq: 30 Apr 2020 14:18

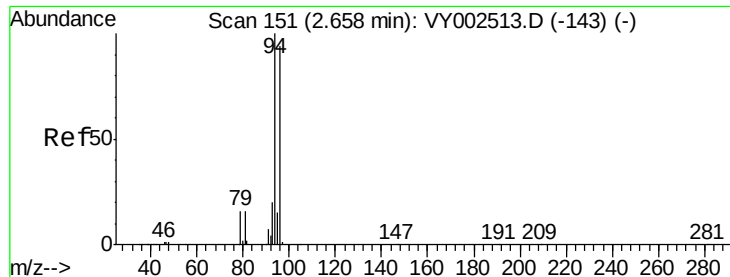
Tgt Ion: 62 Resp: 17540

Ion Ratio Lower Upper

62 100

64 34.5 25.3 37.9





#5

Bromomethane

Concen: 5.402 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 13021

Ion Ratio Lower Upper

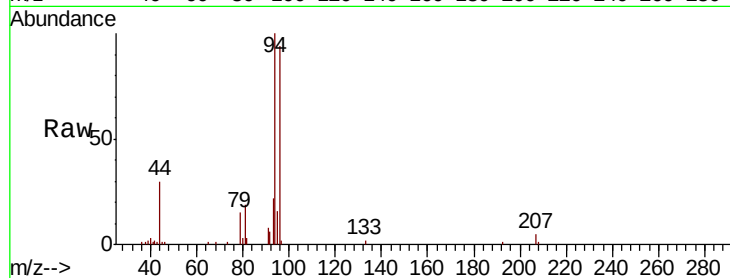
94 100

96 92.1 74.9 112.3

Manual Integrations
APPROVED

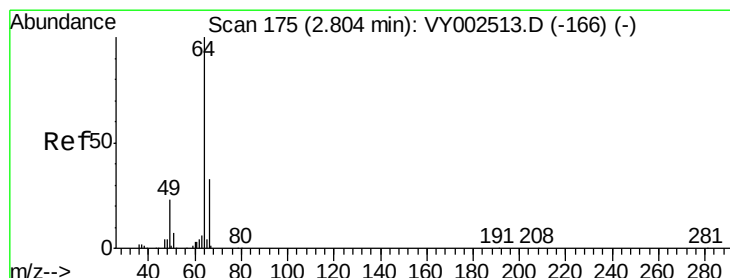
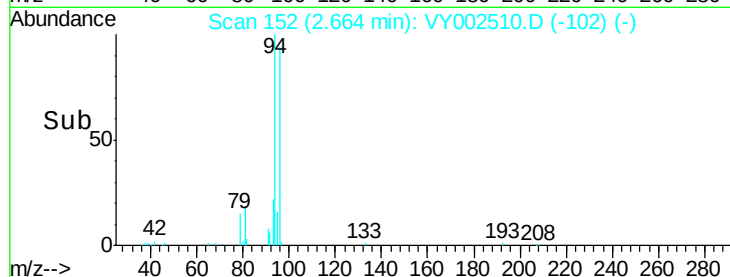
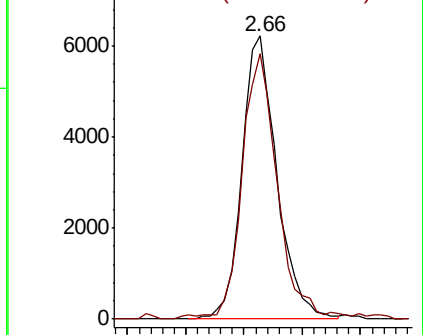
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 5.052 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002510.D

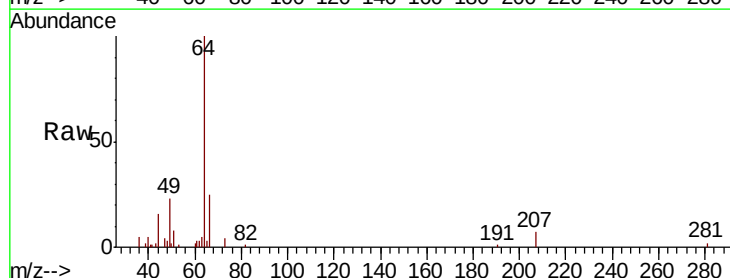
Acq: 30 Apr 2020 14:18

Tgt Ion: 64 Resp: 10544

Ion Ratio Lower Upper

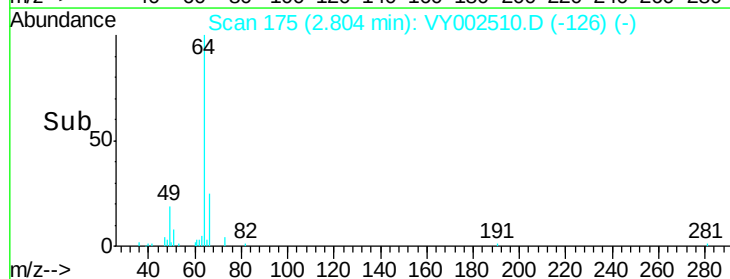
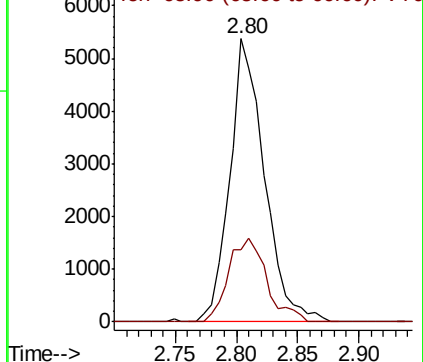
64 100

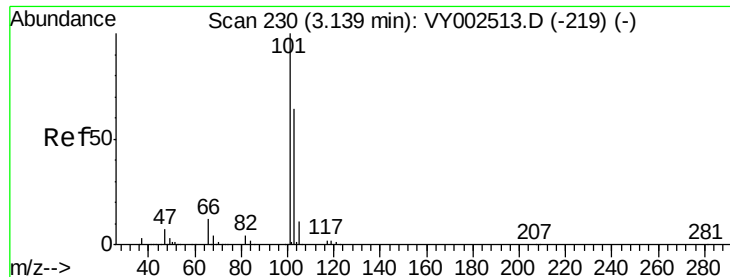
66 25.3 26.3 39.5#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

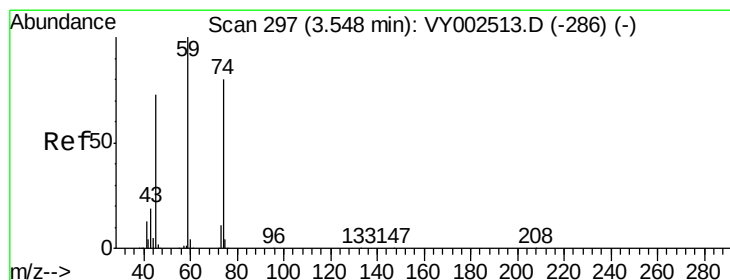
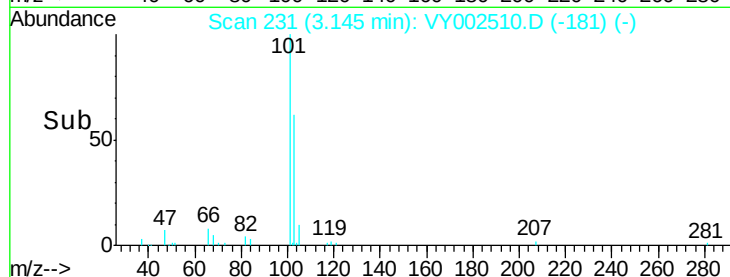
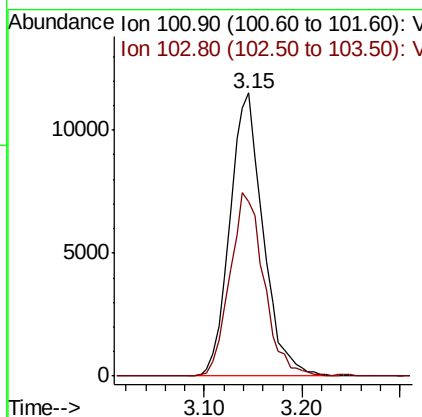
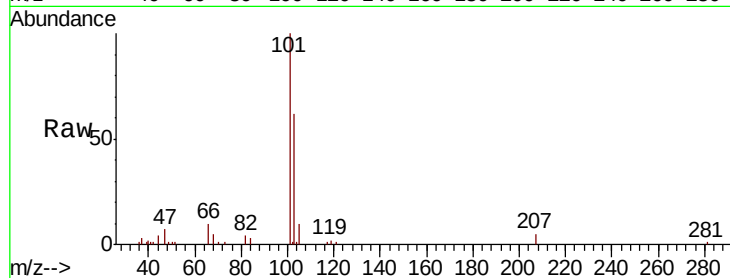
Trichlorofluoromethane
Concen: 4.998 ug/l
RT: 3.15 min Scan# 231
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	51.4	77.0

Manual Integrations
APPROVED

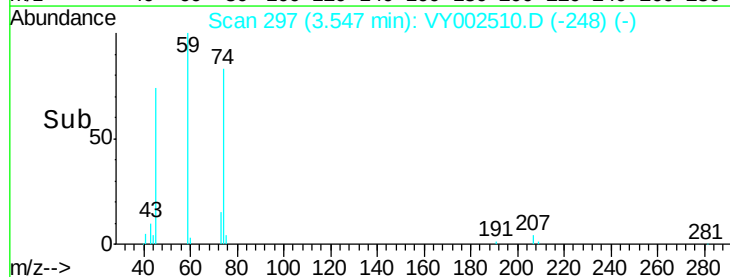
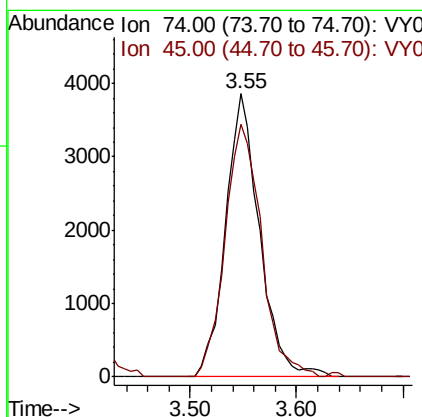
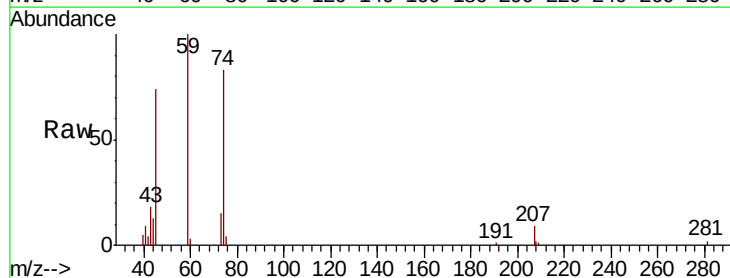
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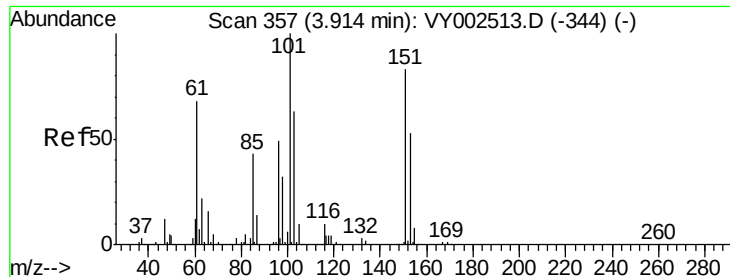


#8

Diethyl Ether
Concen: 4.734 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.8	46.2	138.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.194 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:101 Resp: 17198

Ion Ratio Lower Upper

101 100

85 42.1 33.4 50.2

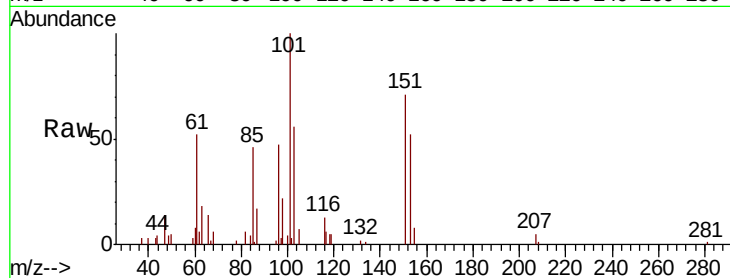
151 83.5 66.8 100.2

Manual Integrations

APPROVED

MMDadoda

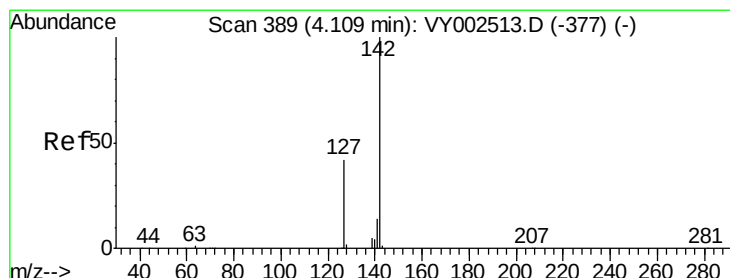
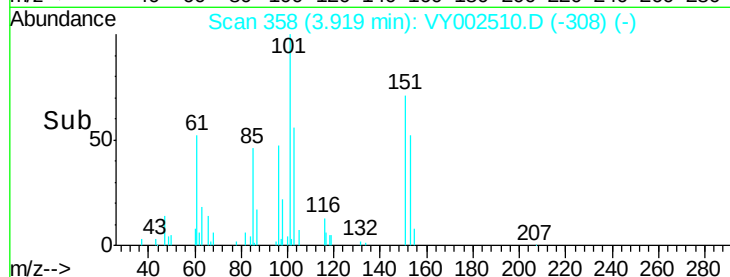
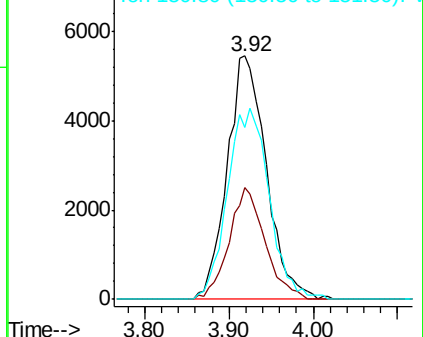
5/5/2020 4:30:59 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.217 ug/l

RT: 4.11 min Scan# 389

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

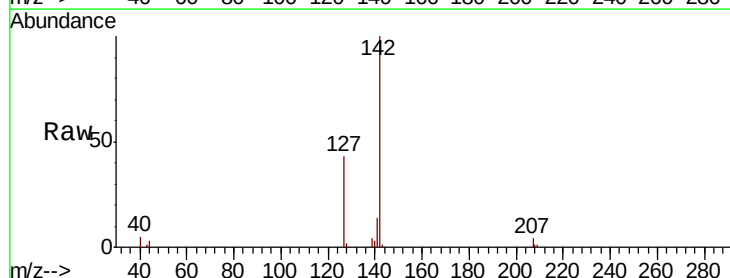
Tgt Ion:142 Resp: 19021

Ion Ratio Lower Upper

142 100

127 43.2 33.7 50.5

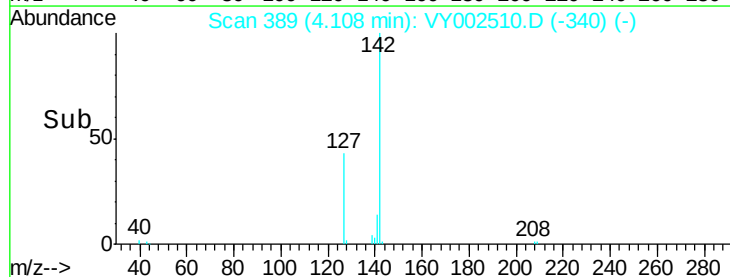
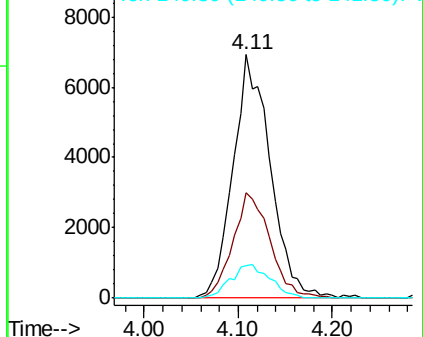
141 14.7 11.4 17.0

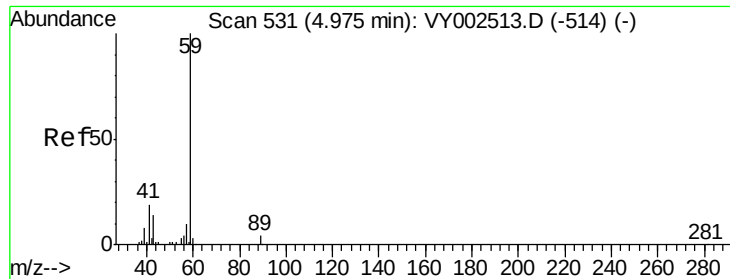


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

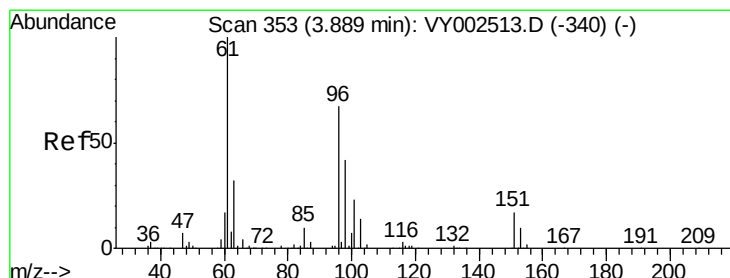
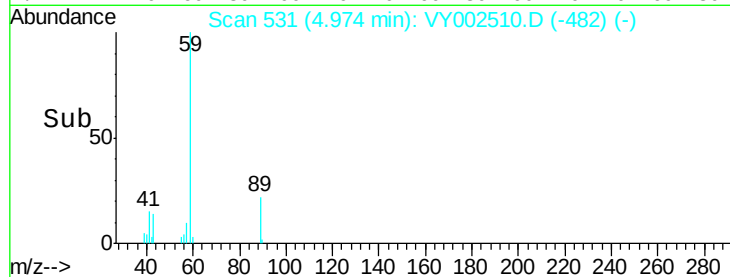
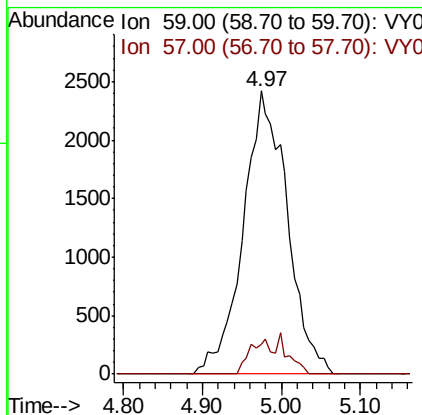
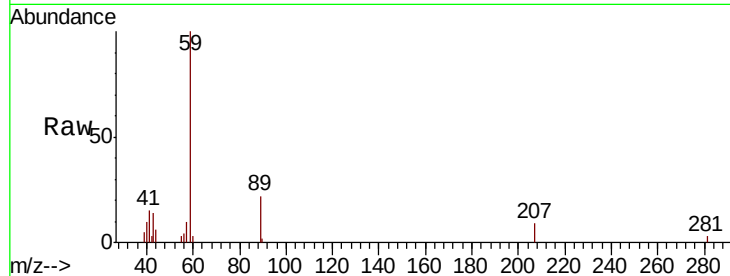
Tert butyl alcohol
Concen: 29.125 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.4	7.8	11.6#

Manual Integrations
APPROVED

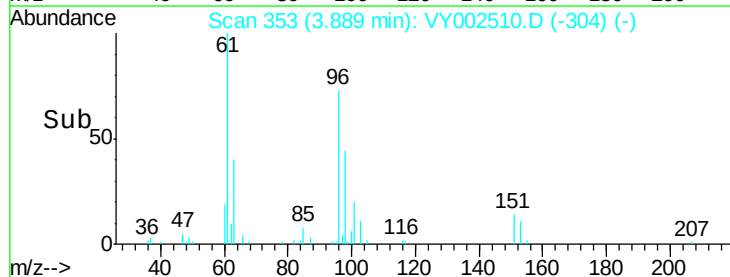
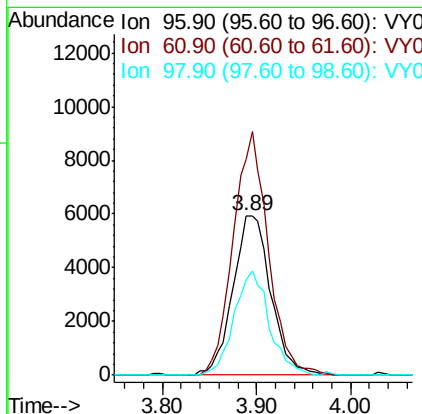
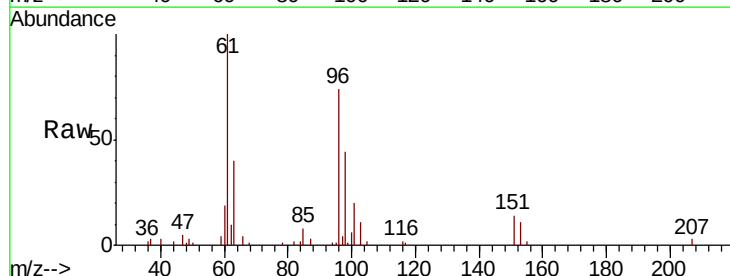
MMDadoda
5/5/2020 4:30:59 PM

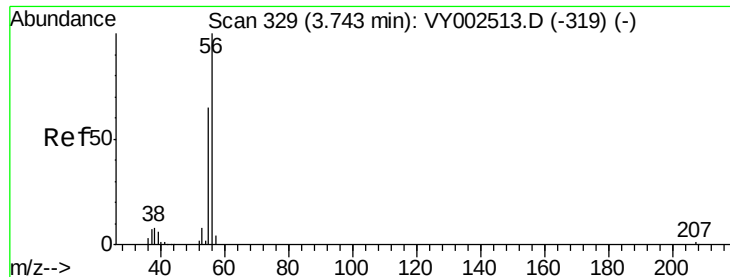


#12

1,1-Dichloroethene
Concen: 5.178 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.9	118.8	178.2
98	59.3	49.6	74.4





#13

Acrolein

Concen: 21.637 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 4836

Ion Ratio Lower Upper

56 100

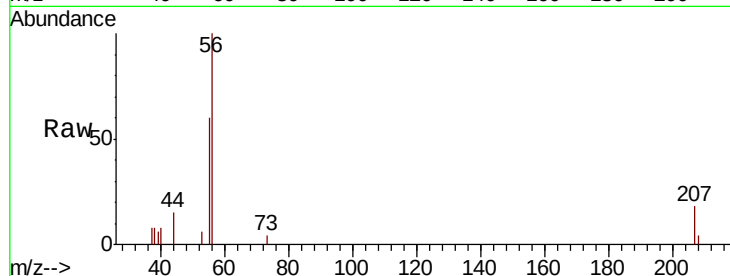
55 67.4 53.8 80.6

Manual Integrations

APPROVED

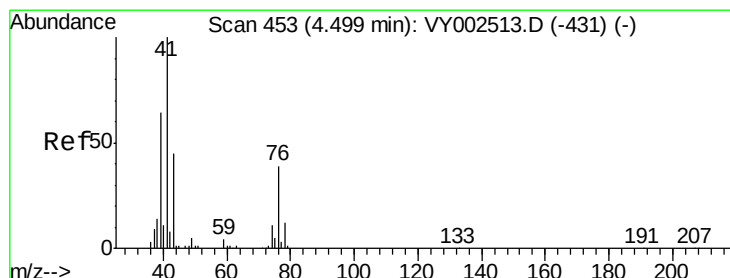
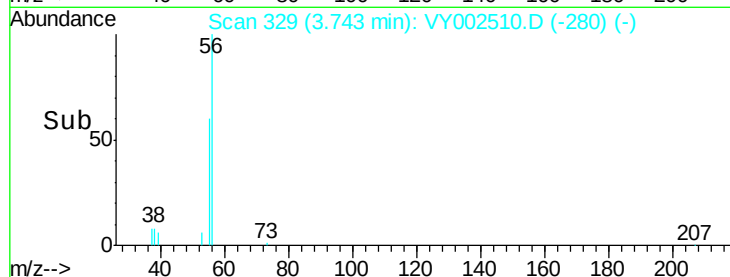
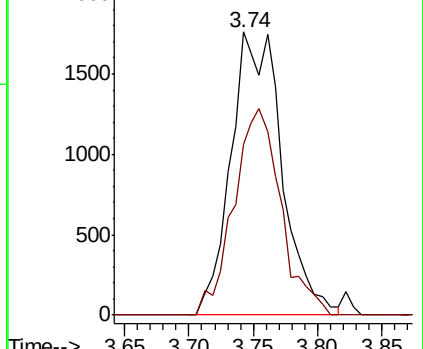
MMDadoda

5/5/2020 4:30:59 PM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 4.822 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

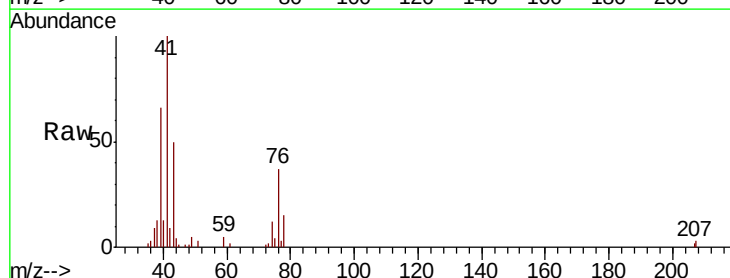
Tgt Ion: 41 Resp: 22598

Ion Ratio Lower Upper

41 100

39 66.1 51.8 77.6

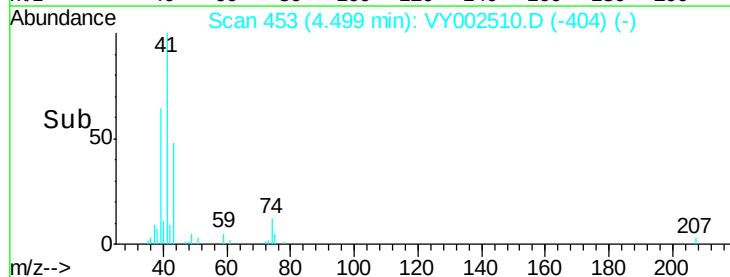
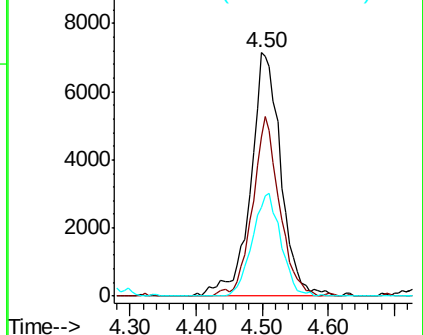
76 40.0 31.7 47.5

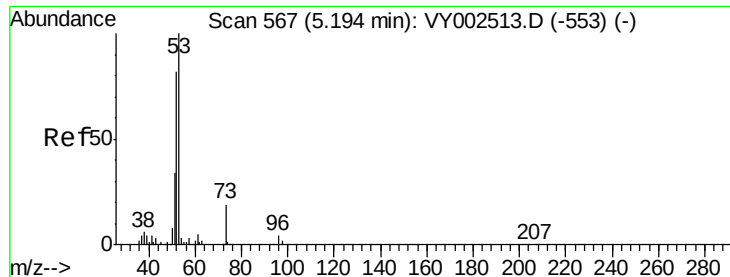


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 23.719 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

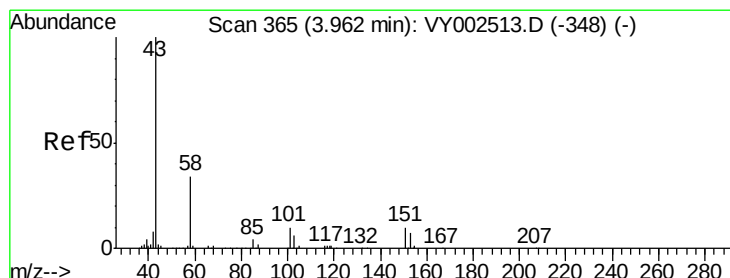
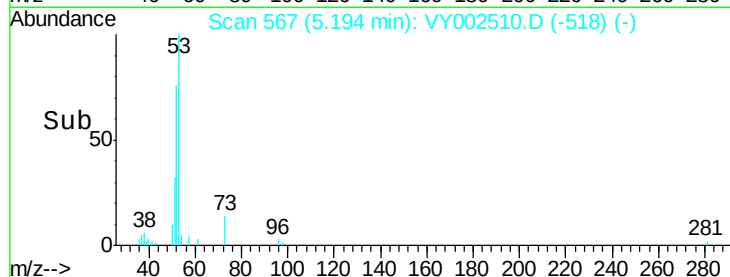
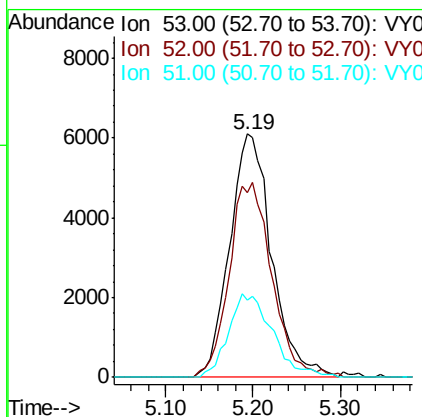
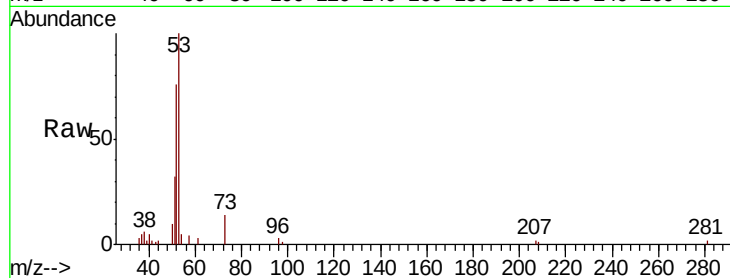
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	20364
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.4	98.0
51	36.3	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:30:59 PM



#16

Acetone

Concen: 24.054 ug/l

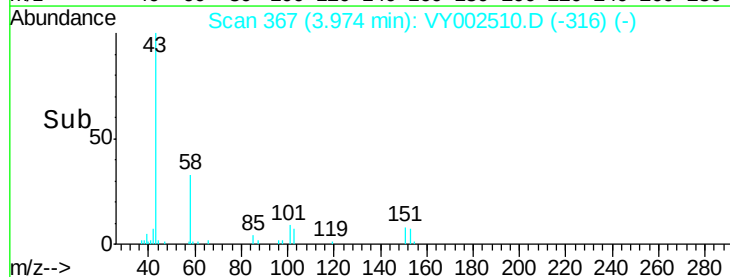
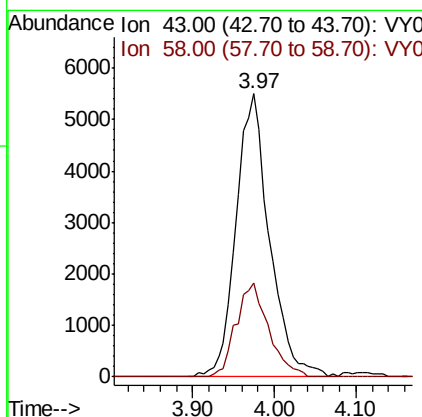
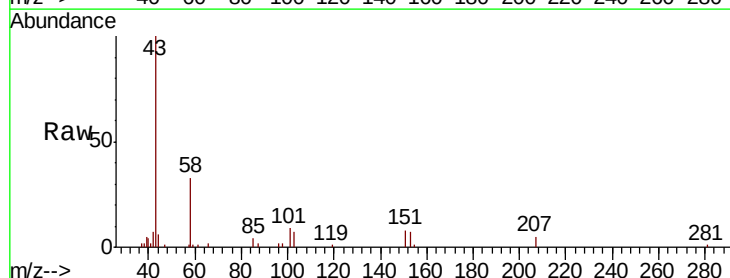
RT: 3.97 min Scan# 367

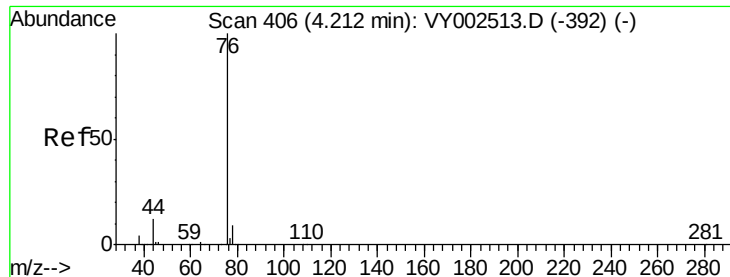
Delta R.T. 0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Tgt Ion:	43	Resp:	15596
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.9	40.3





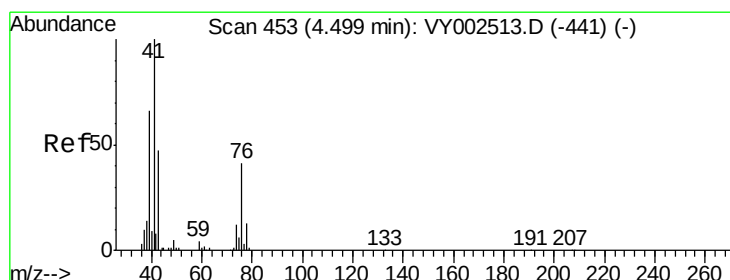
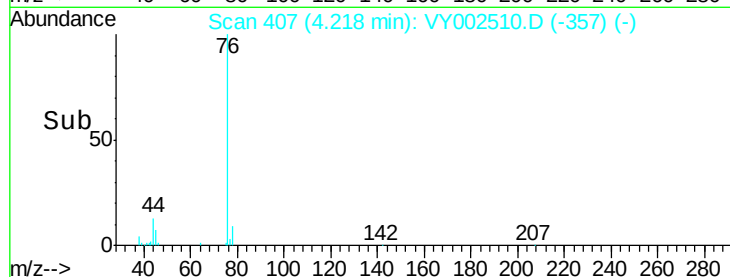
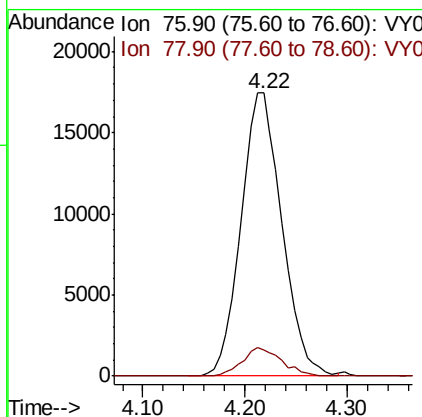
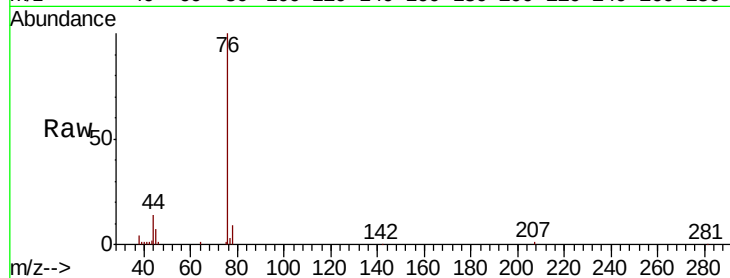
#17
Carbon Disulfide
Concen: 5.010 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

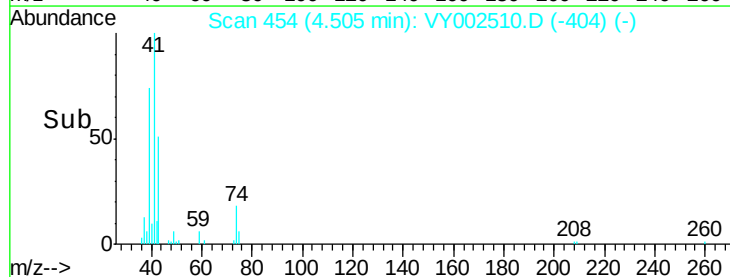
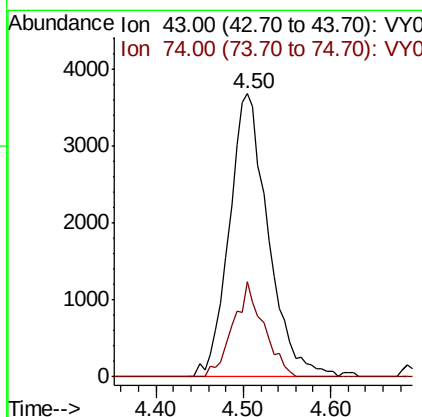
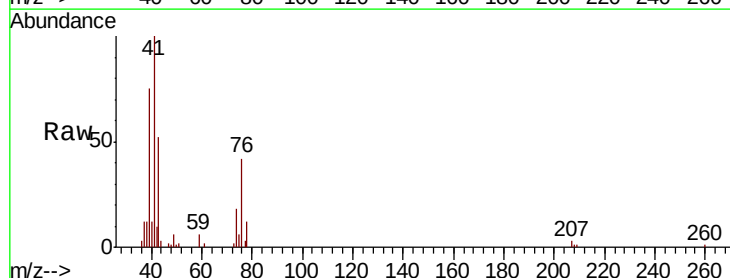
Manual Integrations
APPROVED

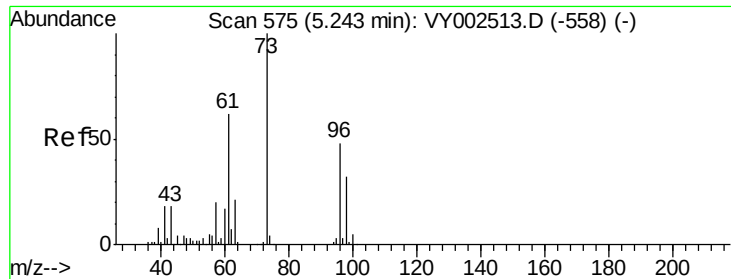
MMDadoda
5/5/2020 4:30:59 PM



#18
Methyl Acetate
Concen: 5.254 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	21.2	31.8





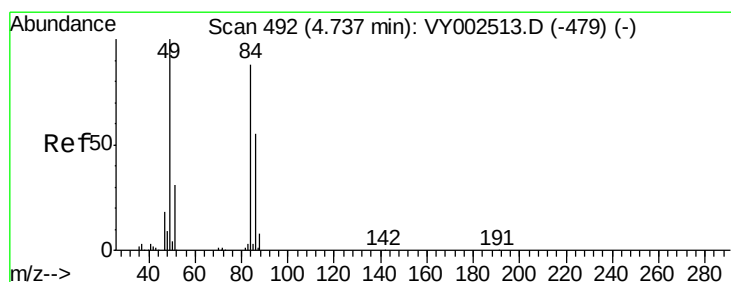
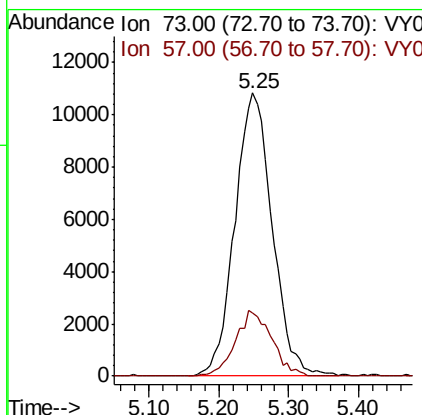
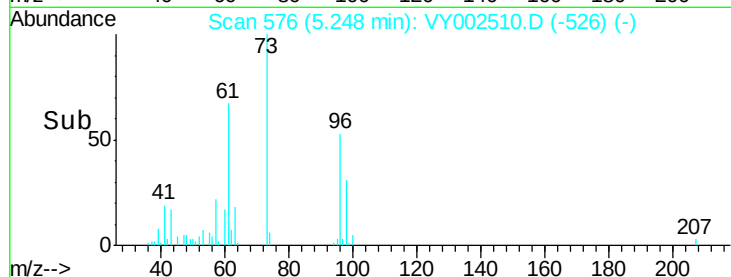
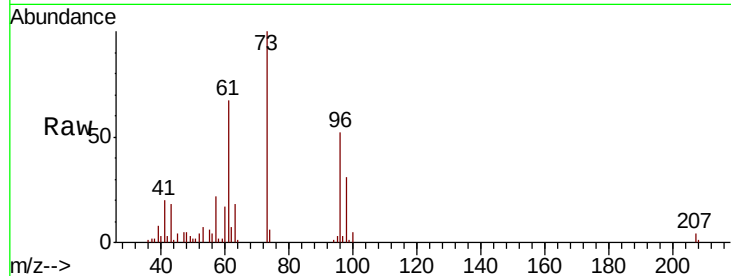
#19
Methyl tert-butyl Ether
Concen: 4.784 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	73	Resp	40150
Ion Ratio	Lower	Upper	
73	100		
57	22.2	16.3	24.5

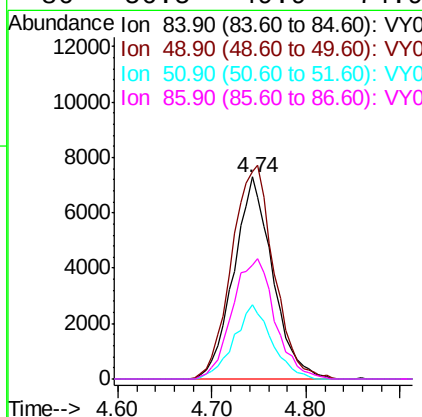
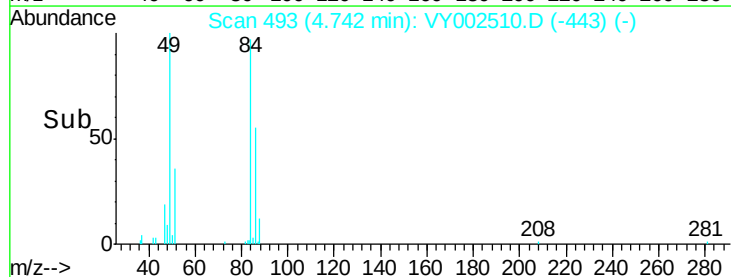
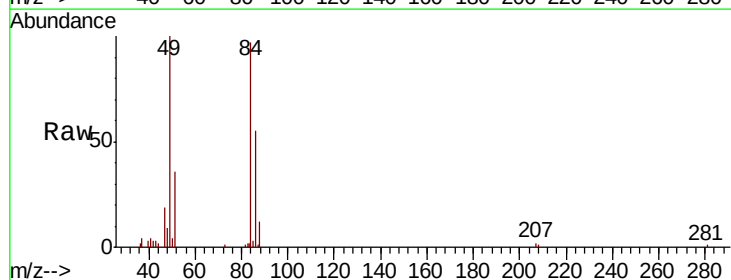
Manual Integrations
APPROVED

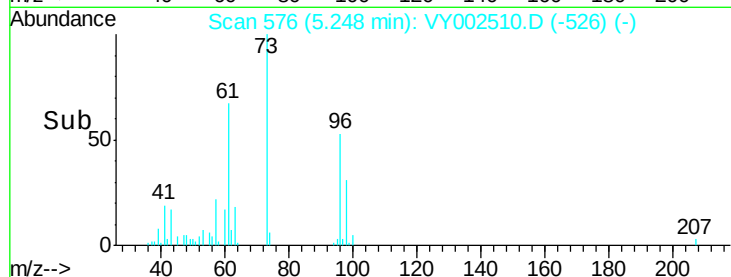
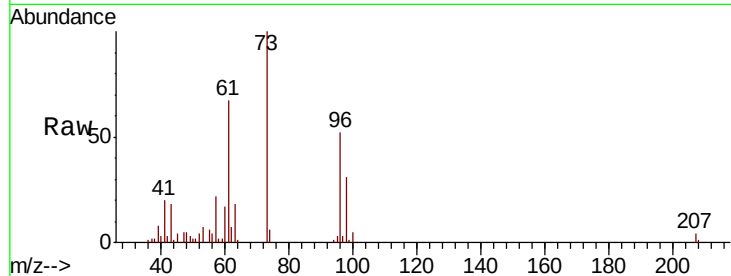
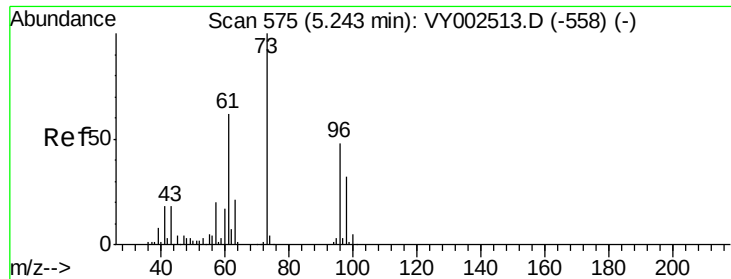
MMDadoda
5/5/2020 4:30:59 PM



#20
Methylene Chloride
Concen: 5.806 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	84	Resp	21052
Ion Ratio	Lower	Upper	
84	100		
49	102.6	90.5	135.7
51	37.0	28.3	42.5
86	56.5	49.9	74.9





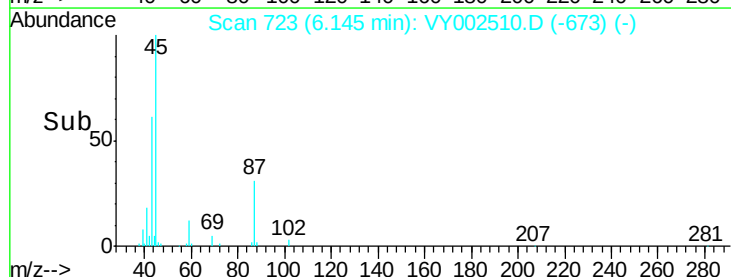
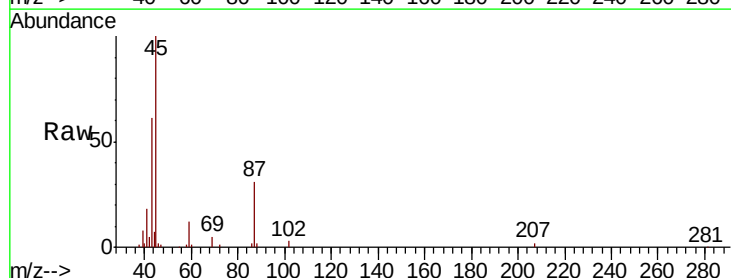
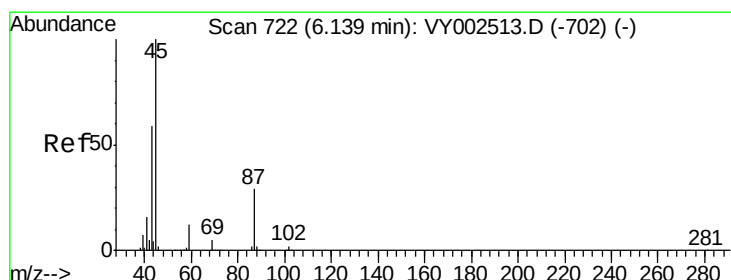
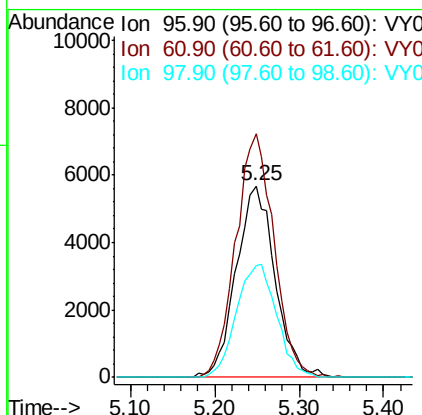
#21
trans-1,2-Dichloroethene
Concen: 5.047 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.1	102.0	153.0
98	58.4	53.0	79.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

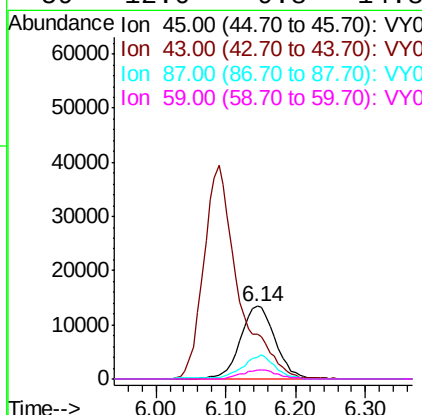
Manual Integrations
APPROVED

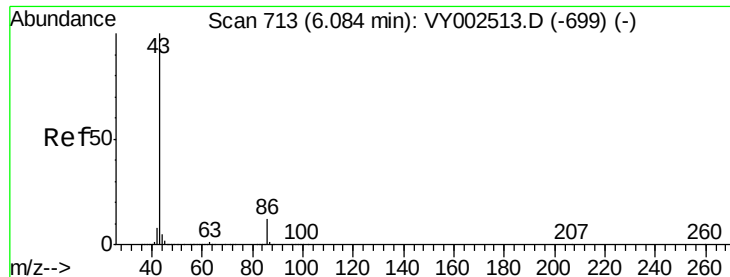
MMDadoda
5/5/2020 4:30:59 PM



#22
Diisopropyl ether
Concen: 4.906 ug/l
RT: 6.14 min Scan# 723
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.4	47.4	71.0
87	30.7	24.0	36.0
59	12.0	9.8	14.8





#23

Vinyl Acetate

Concen: 22.710 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 135431

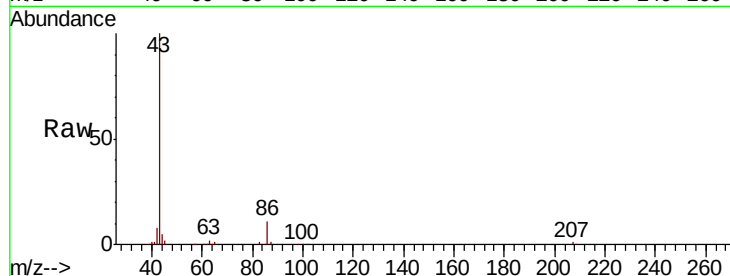
Ion Ratio Lower Upper

43 100

86 11.4 9.8 14.6

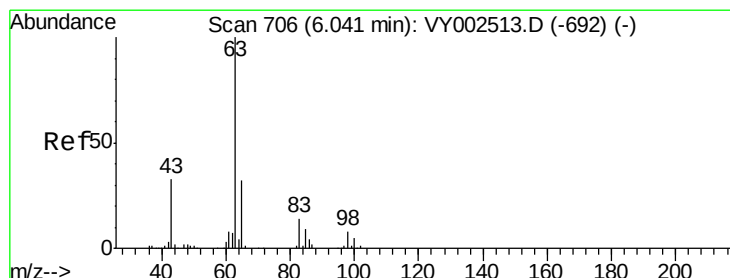
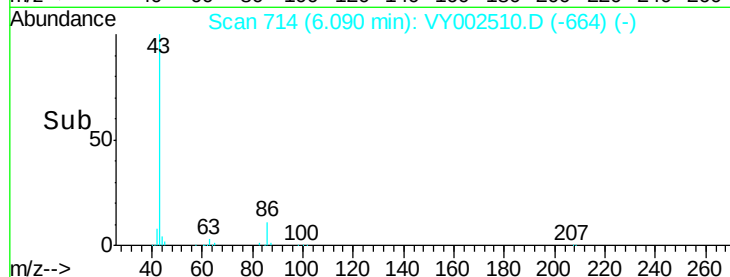
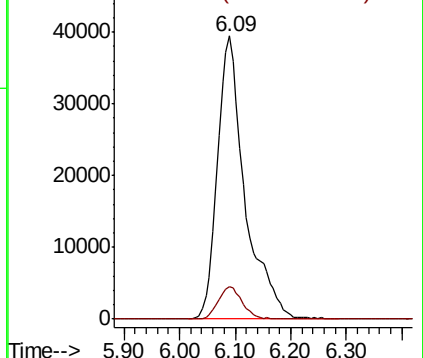
Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:30:59 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 4.970 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

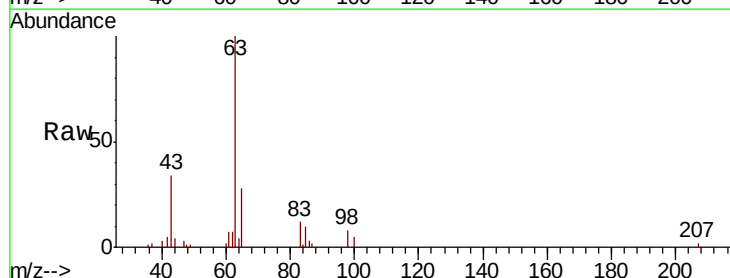
Tgt Ion: 63 Resp: 27879

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

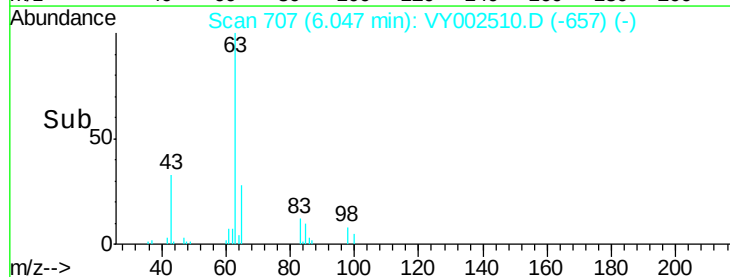
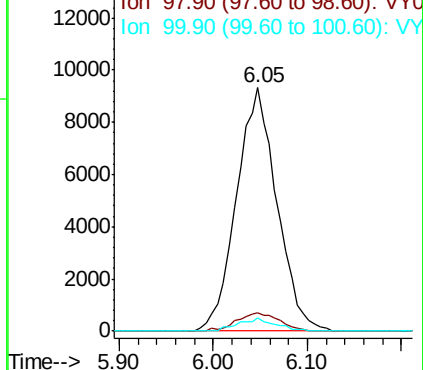
100 5.5 2.4 7.2

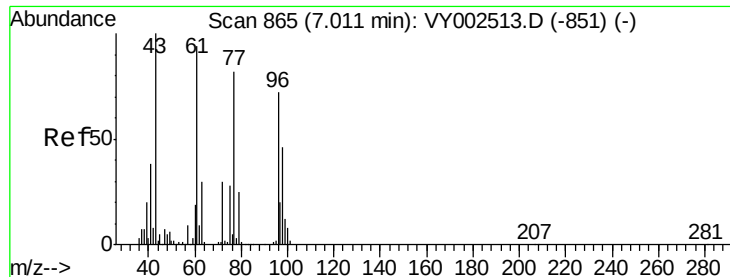


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





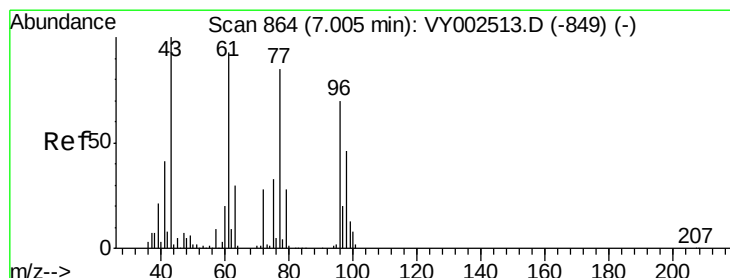
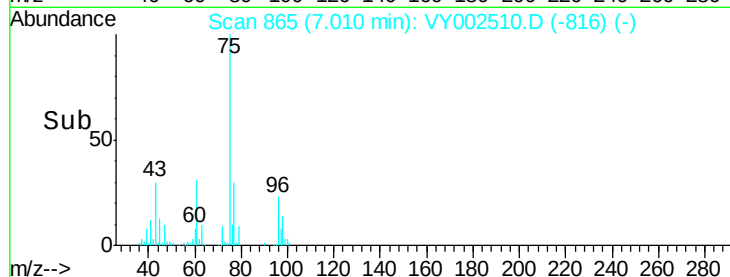
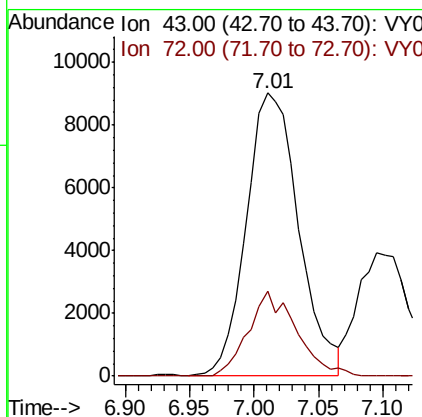
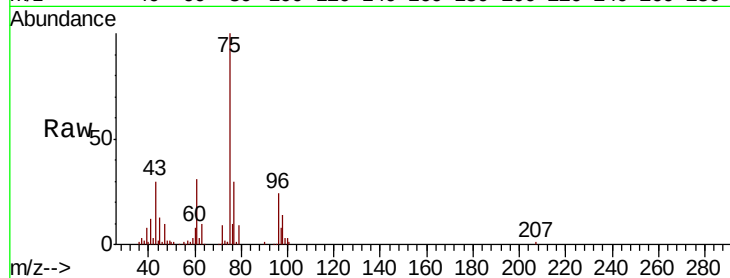
#25
2-Butanone
Concen: 24.044 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC005

Tot Ion	43.00	Resp	25519
Ion Ratio	43	100	
Lower	72	30.0	24.1
Upper			36.1

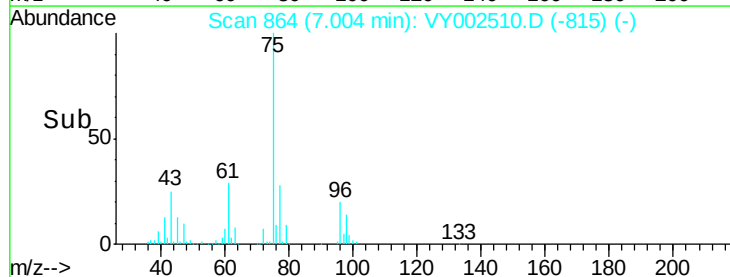
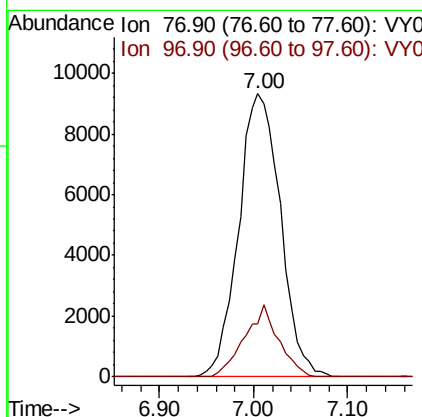
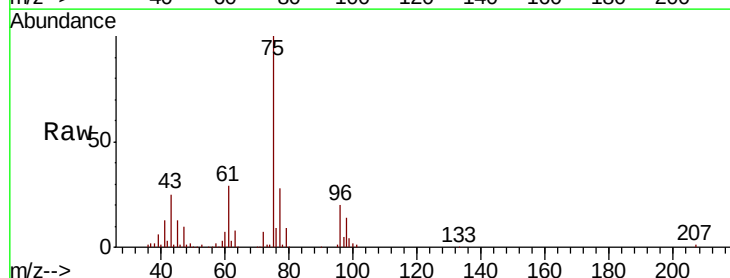
Manual Integrations
APPROVED

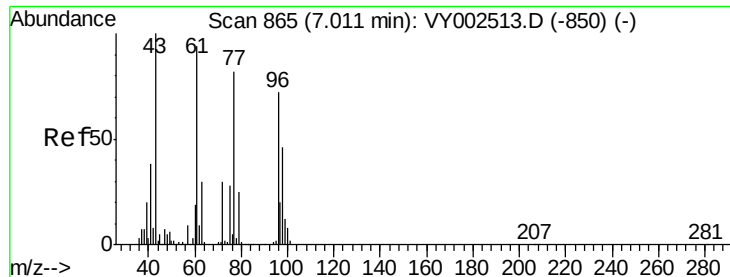
MMDadoda
5/5/2020 4:30:59 PM



#26
2,2-Dichloropropane
Concen: 5.434 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	77	Resp	28976
Ion Ratio	77	100	
Lower	97	20.8	11.9
Upper			35.5





#27

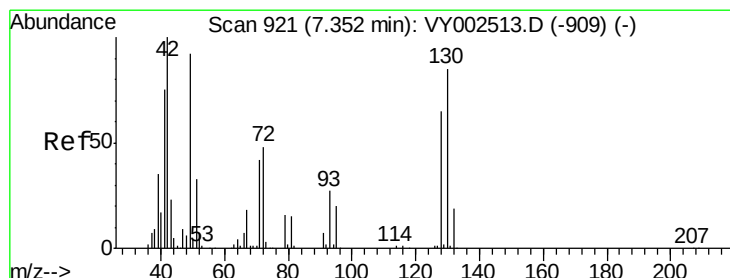
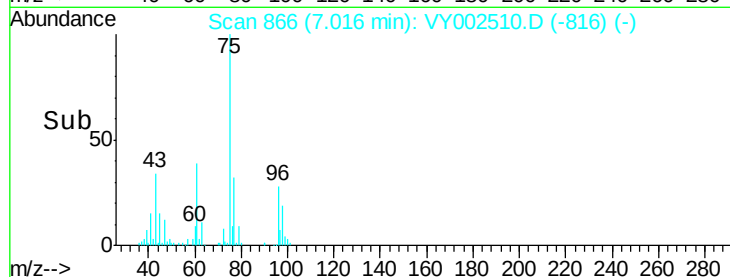
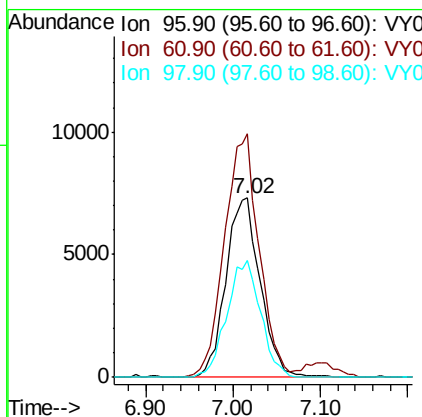
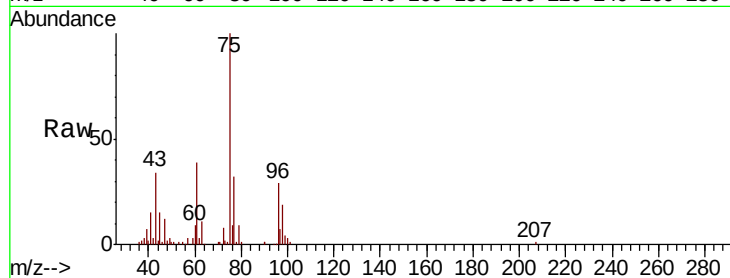
cis-1,2-Dichloroethene
Concen: 5.118 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	266.6
98	63.8	0.0	129.2

Manual Integrations
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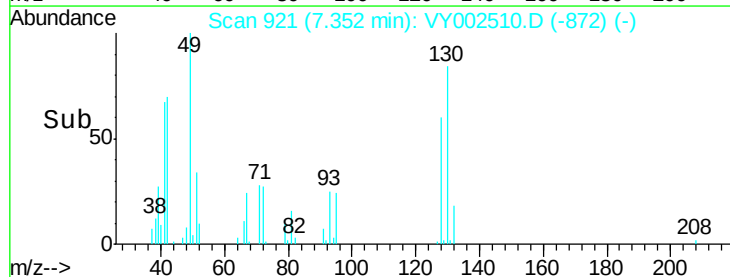
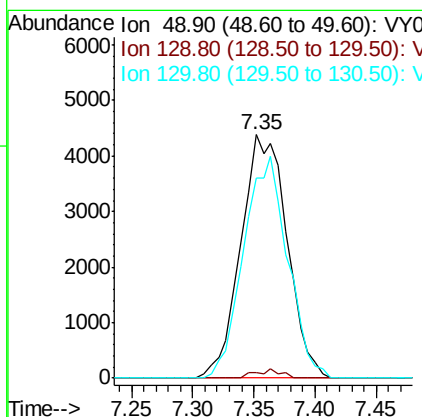
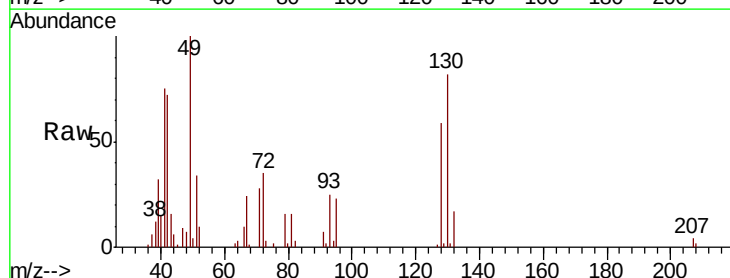
MMDadoda
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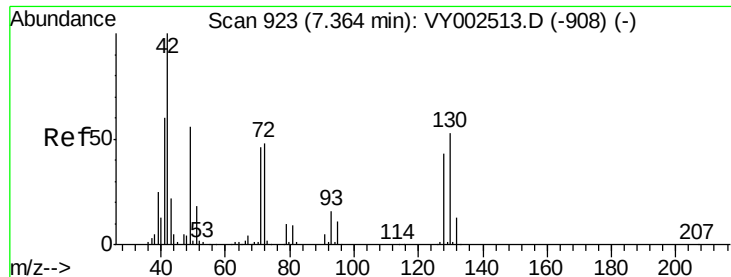


#28

Bromochloromethane
Concen: 4.984 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.8
130	87.1	72.5	108.7





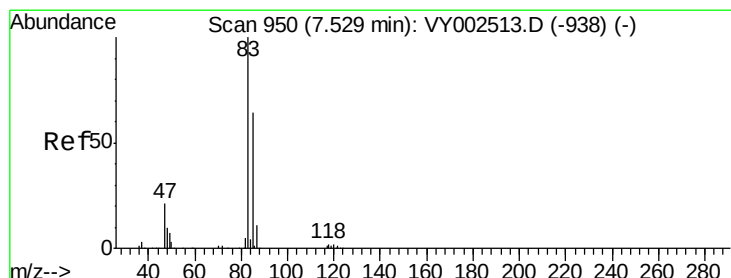
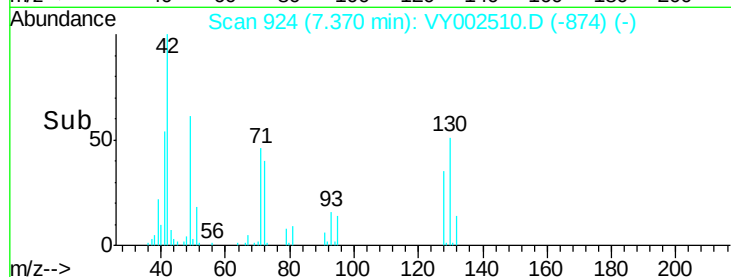
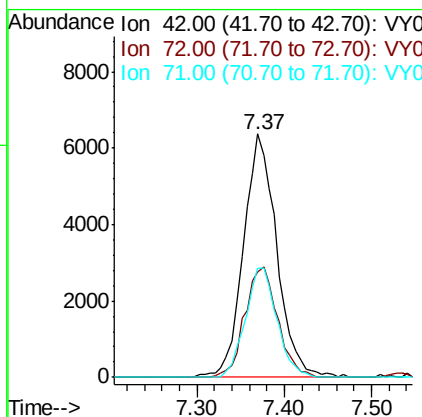
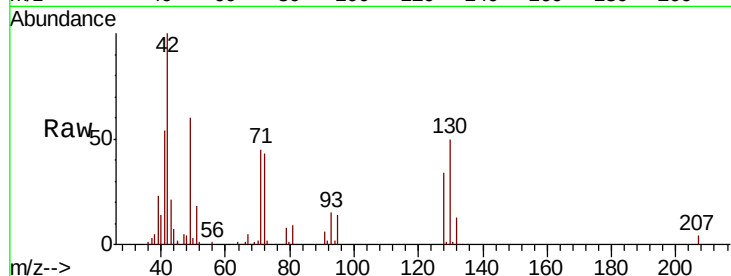
#29
Tetrahydrofuran
Concen: 23.928 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	37.4	56.2
71	42.7	35.0	52.4

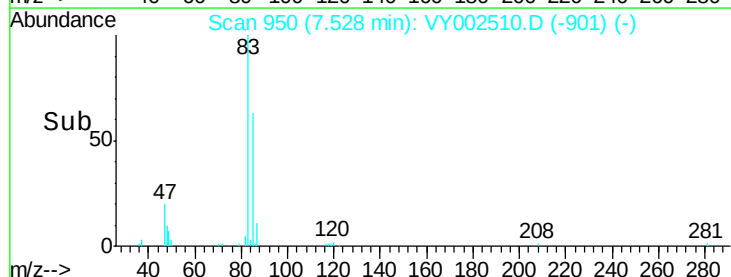
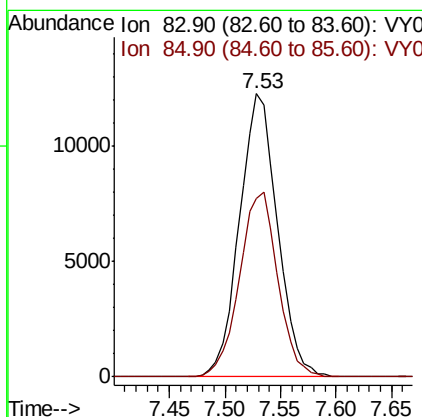
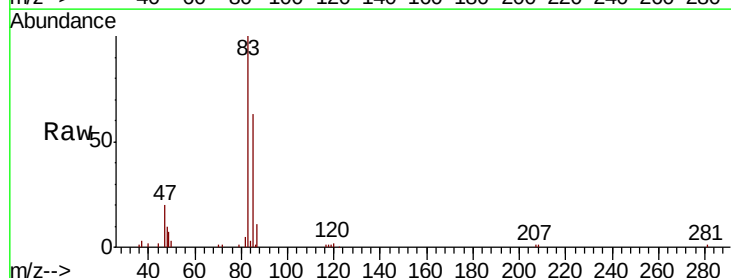
Manual Integrations
APPROVED

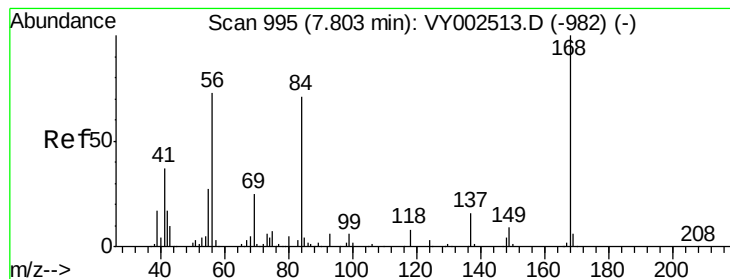
MMDadoda
5/5/2020 4:30:59 PM



#30
Chloroform
Concen: 4.981 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.5	77.3





#31

Cyclohexane

Concen: 5.799 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 32747

Ion Ratio Lower Upper

56 100

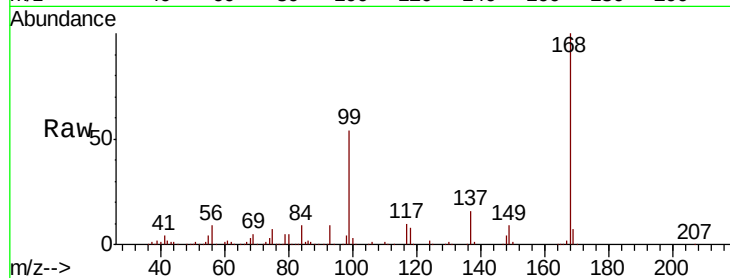
69 57.5 27.6 41.4#

84 101.9 77.7 116.5

Manual Integrations
APPROVED

MMDadoda

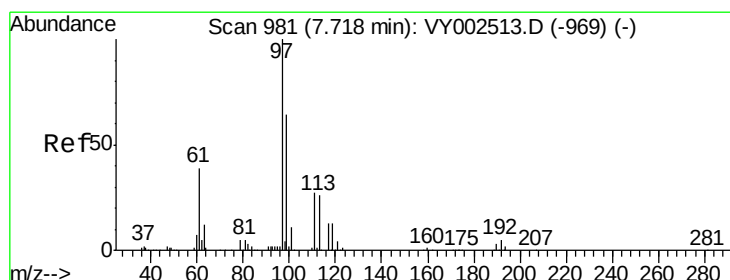
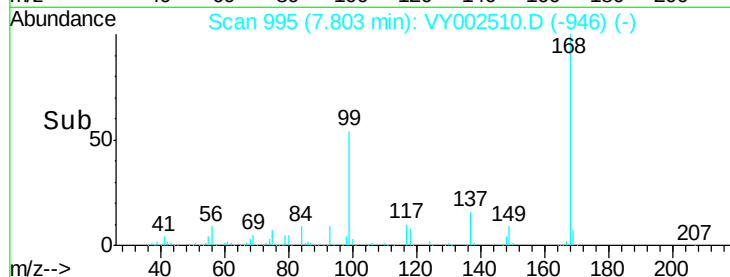
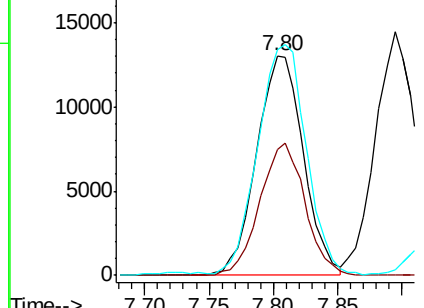
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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 4.837 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

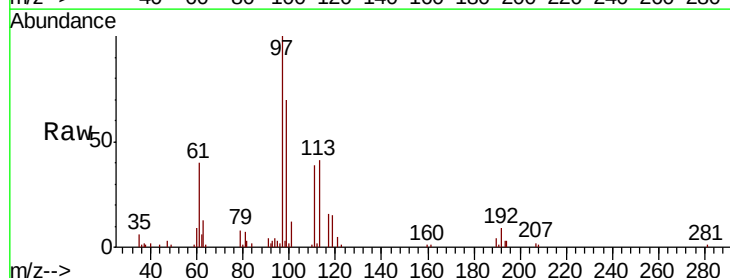
Tgt Ion: 97 Resp: 26222

Ion Ratio Lower Upper

97 100

99 66.0 51.9 77.9

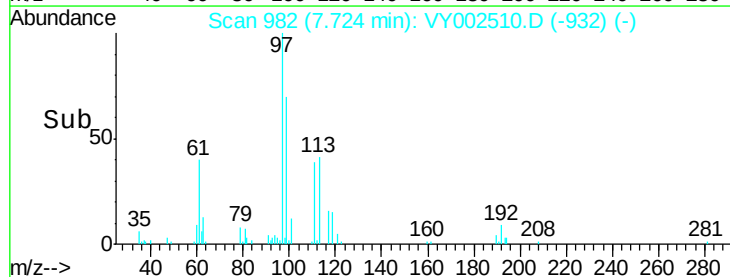
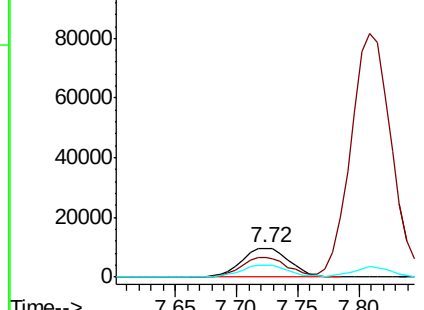
61 40.5 31.0 46.6

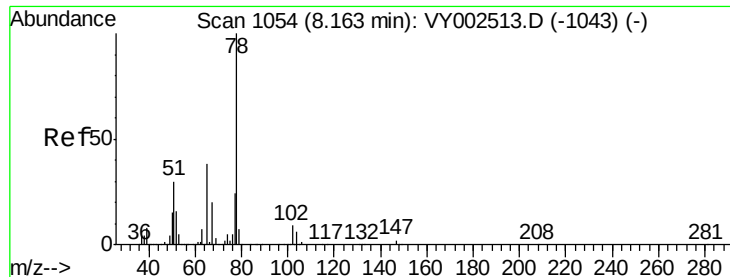


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





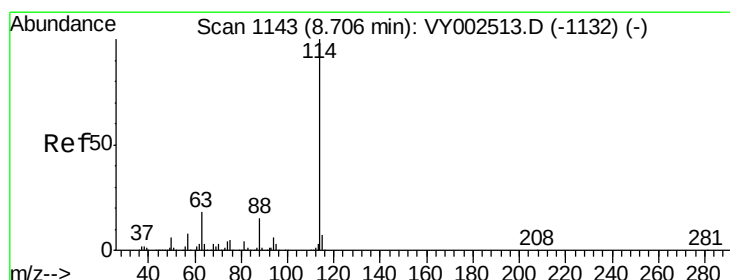
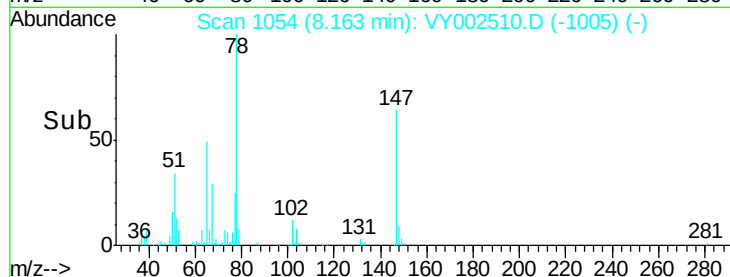
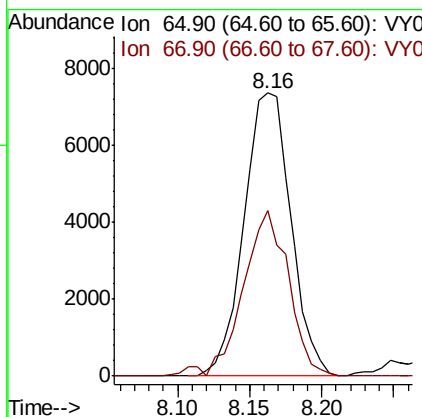
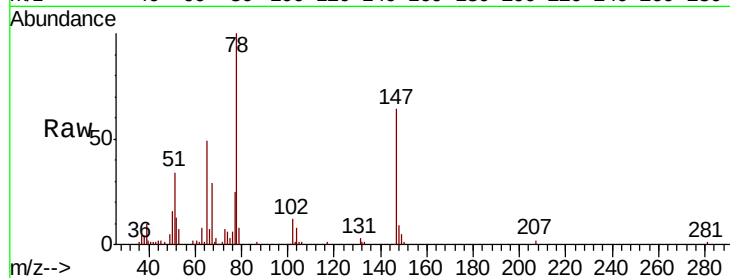
#33
 1,2-Dichloroethane-d4
 Concen: 5.288 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
65	100	16613		
67	56.8	0.0	107.2	

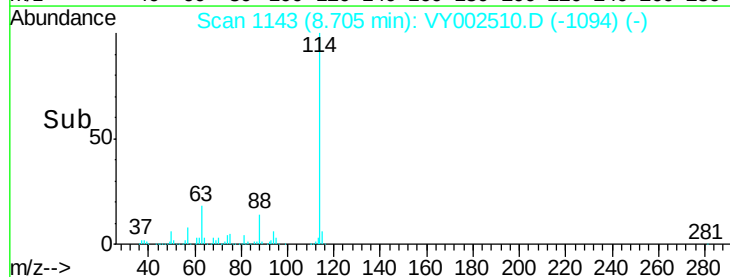
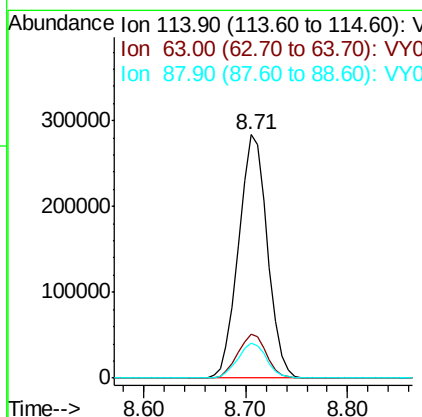
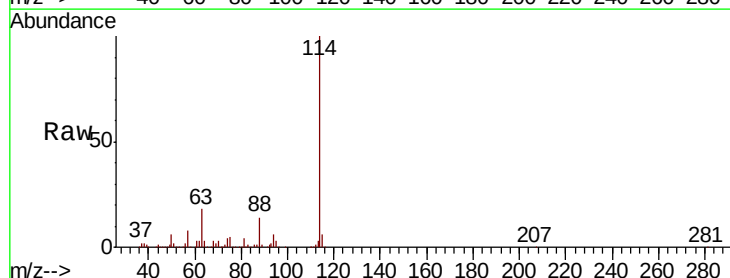
Manual Integrations
 APPROVED

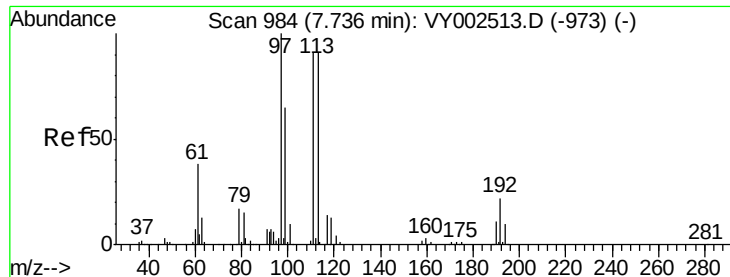
MMDadoda
 5/5/2020 4:30:59 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	555461		
63	17.8	0.0	36.4	
88	14.2	0.0	29.6	





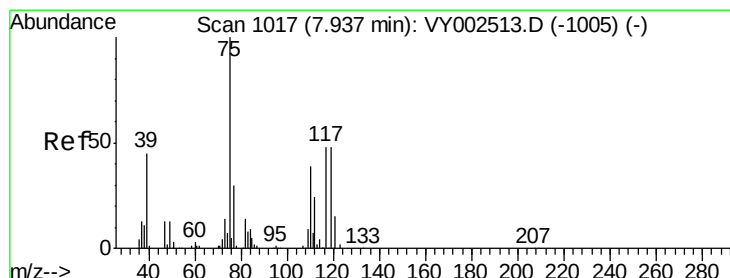
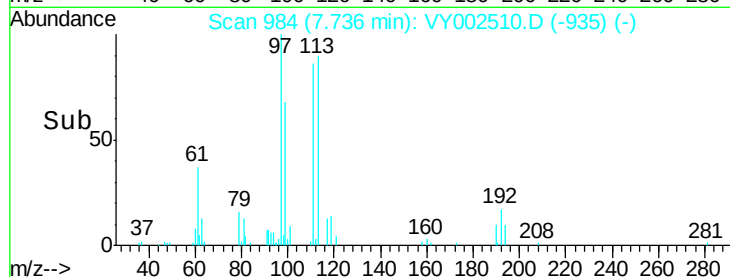
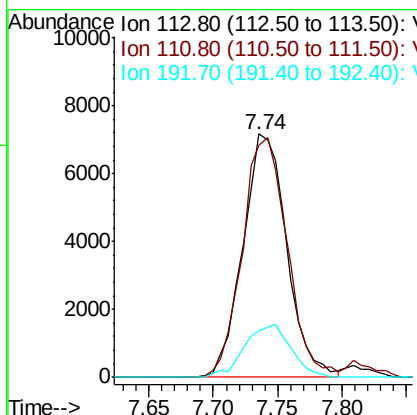
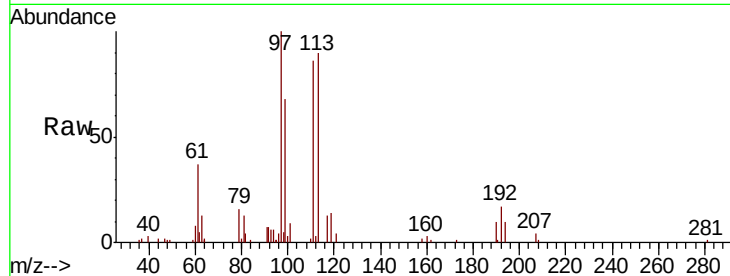
#35
Dibromofluoromethane
Concen: 5.331 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.8	122.6
192	23.0	18.2	27.4

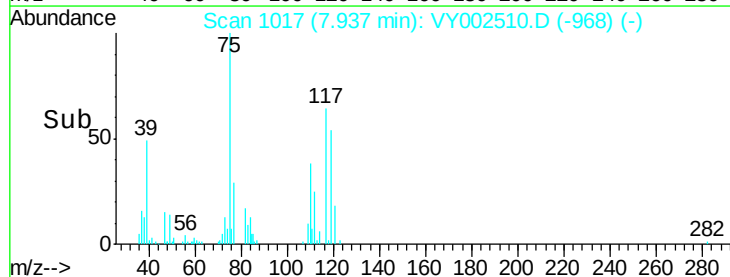
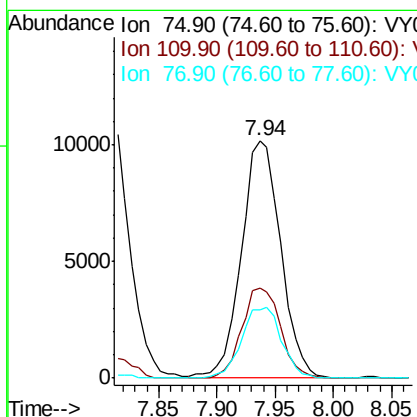
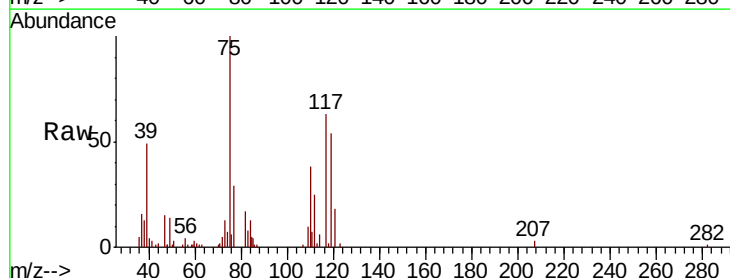
Manual Integrations
APPROVED

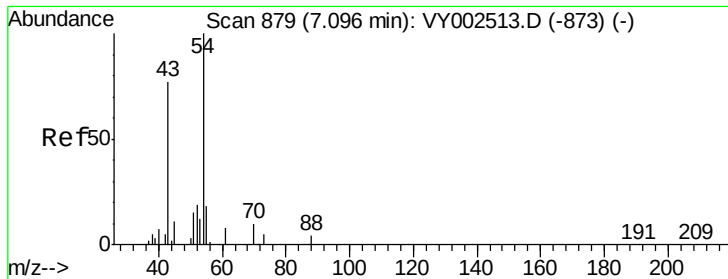
MMDadoda
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#36
1,1-Dichloropropene
Concen: 5.149 ug/l
RT: 7.94 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	19.1	57.3
77	30.2	24.6	37.0





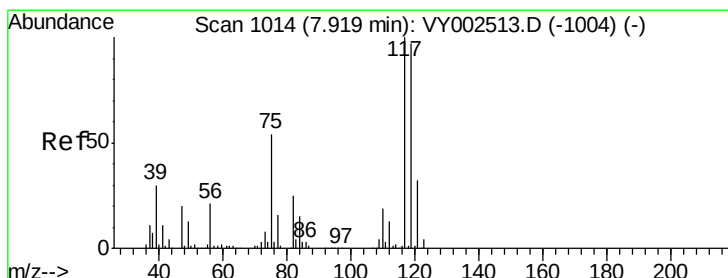
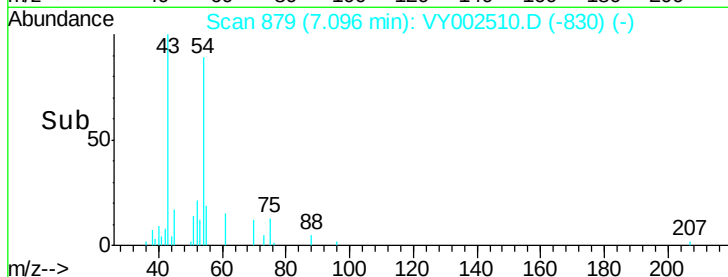
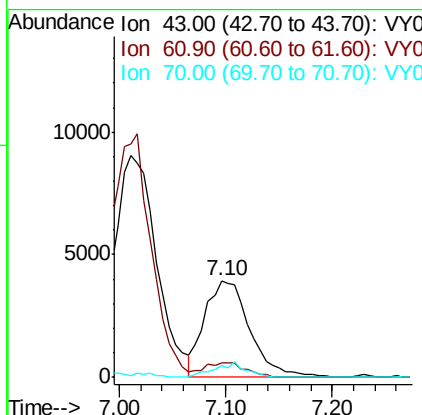
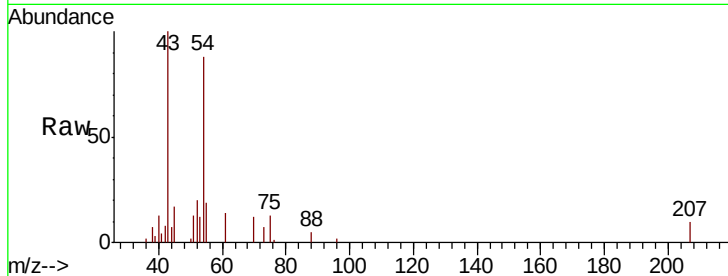
#37
Ethyl Acetate
Concen: 4.831 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	11.6	17.4
70	10.9	9.0	13.6

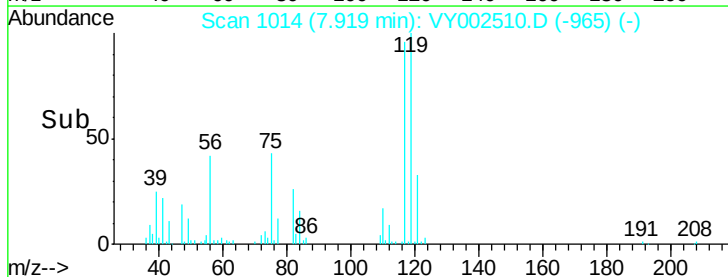
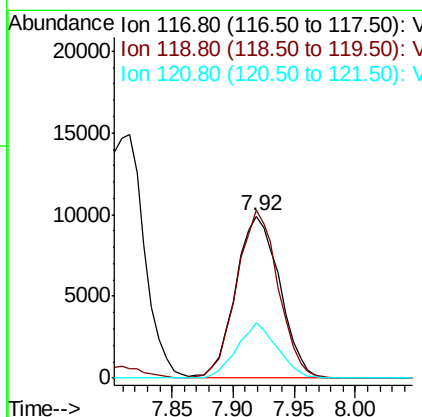
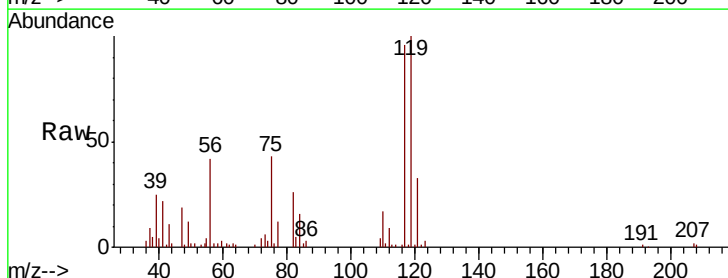
Manual Integrations
APPROVED

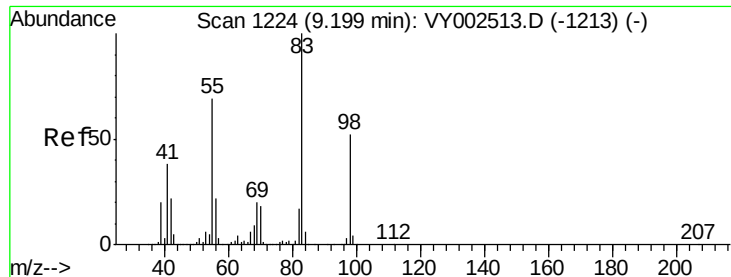
MMDadoda
5/5/2020 4:30:59 PM



#38
Carbon Tetrachloride
Concen: 4.900 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.1	77.1	115.7
121	34.3	25.2	37.8





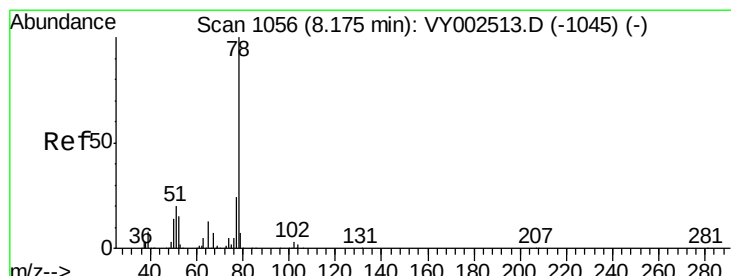
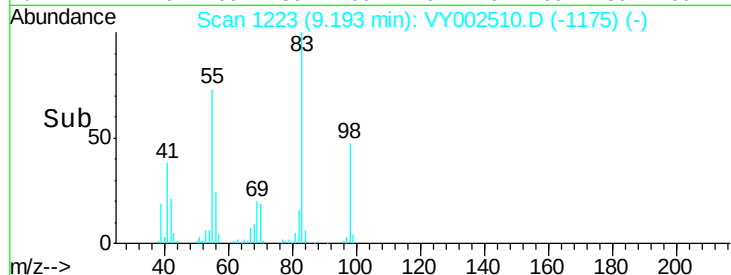
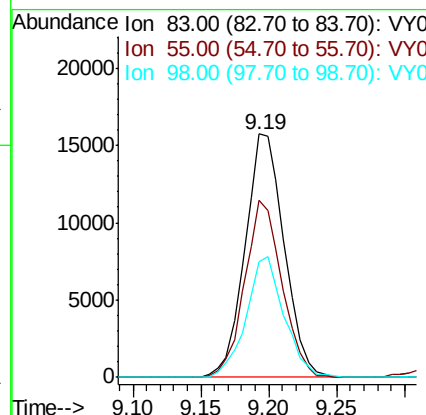
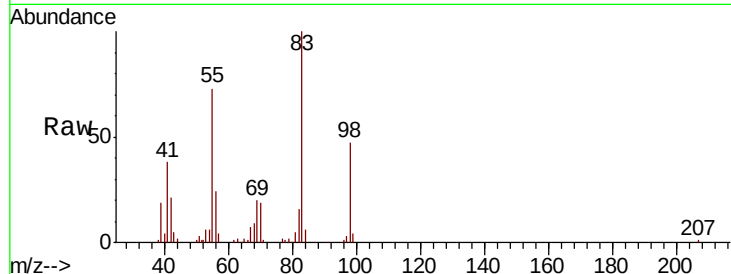
#39
Methylvlcyclohexane
Concen: 5.141 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.5	55.4	83.0
98	47.2	41.3	61.9

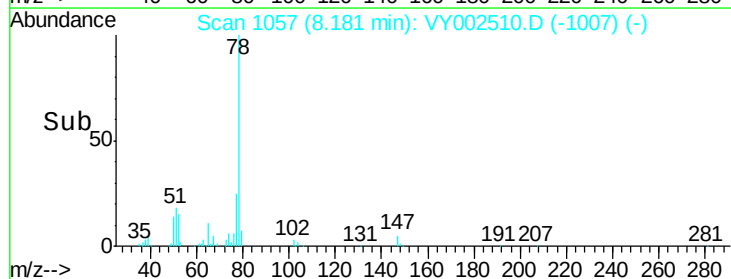
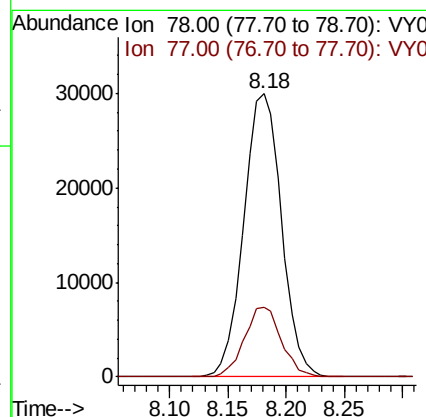
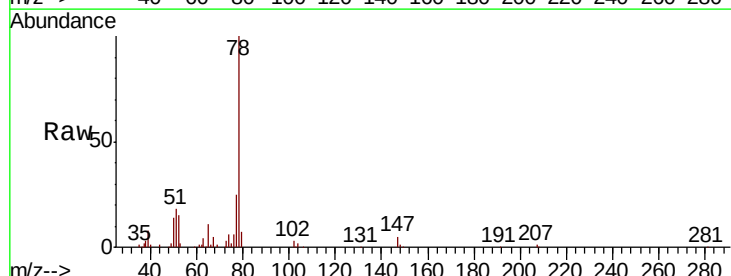
Manual Integrations
APPROVED

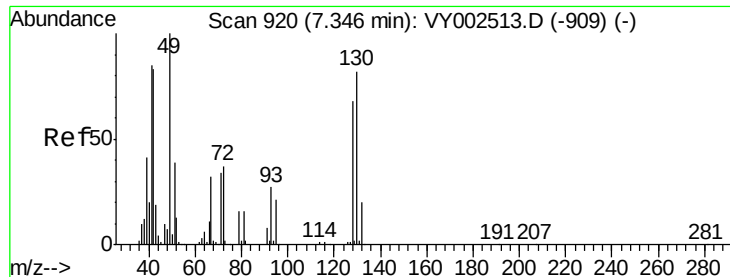
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#40
Benzene
Concen: 5.039 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8





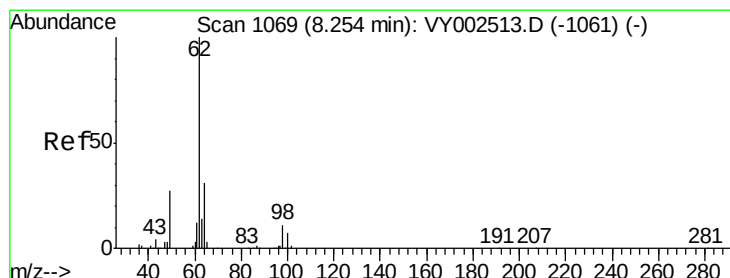
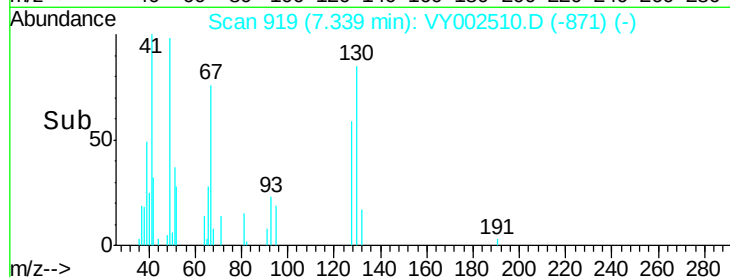
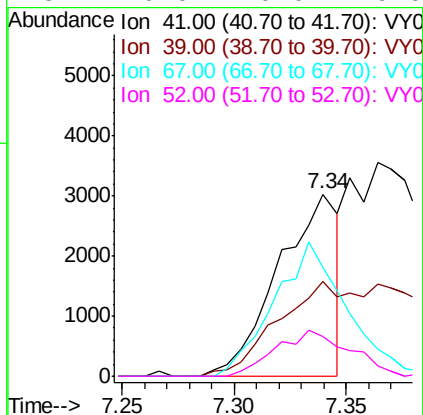
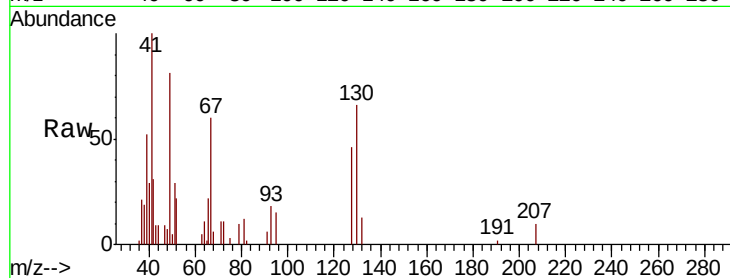
#41
Methacrylonitrile
Concen: 4.519 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.1	124.7#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

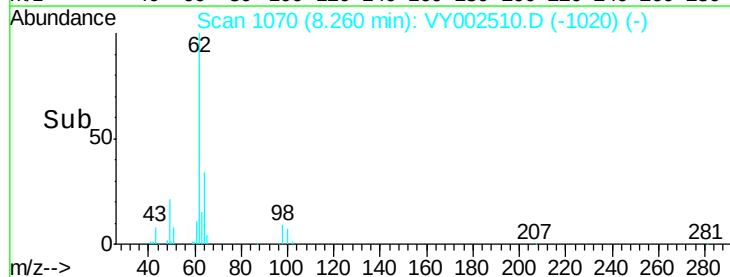
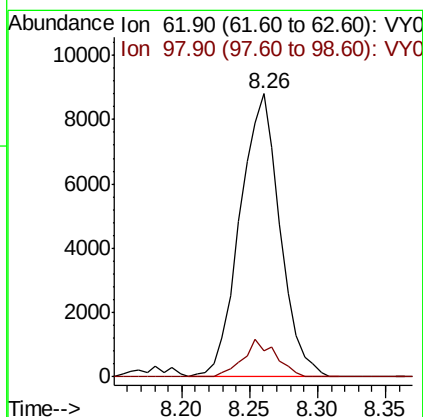
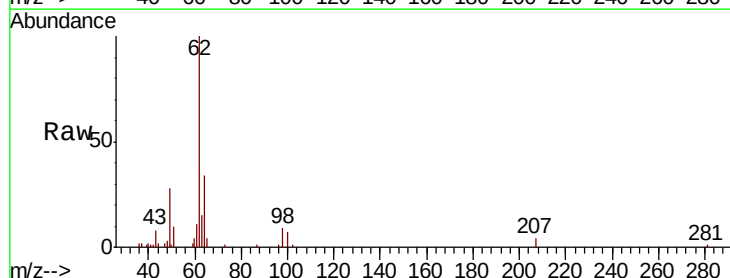
Manual Integrations
APPROVED

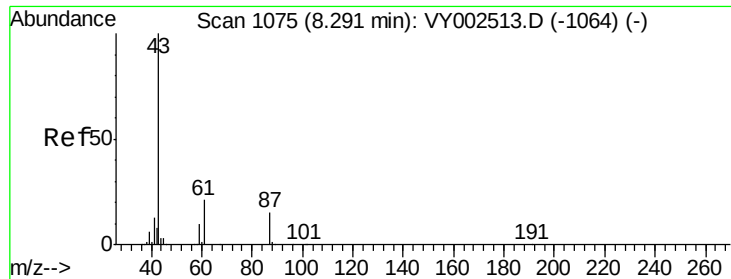
MMDadoda
5/5/2020 4:30:59 PM



#42
1,2-Dichloroethane
Concen: 4.808 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0





#43

Isopropyl Acetate

Concen: 4.537 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

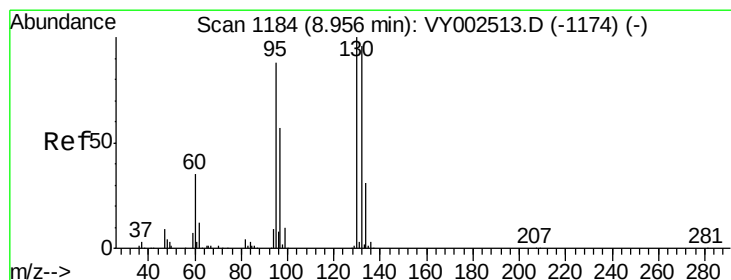
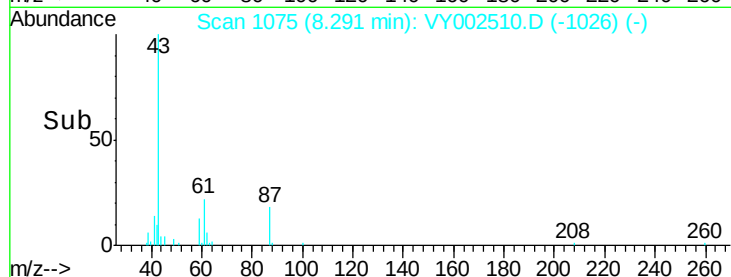
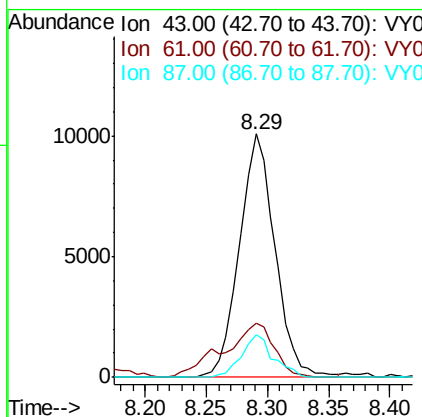
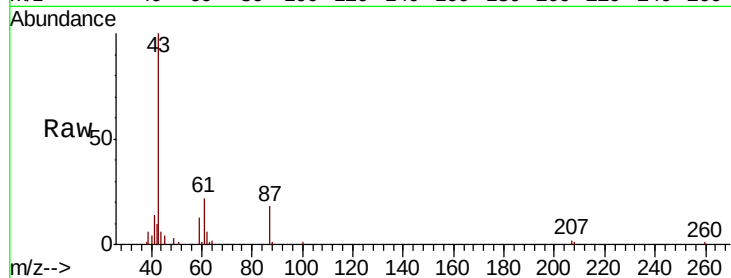
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	20353
Ion	Ratio	Lower	Upper
43	100		
61	31.7	24.8	37.2
87	15.6	12.2	18.2

Manual Integrations
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#44

Trichloroethene

Concen: 5.085 ug/l

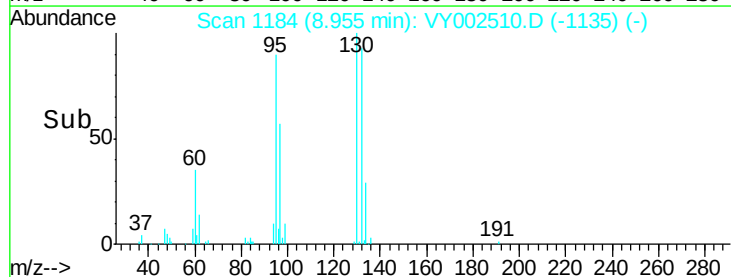
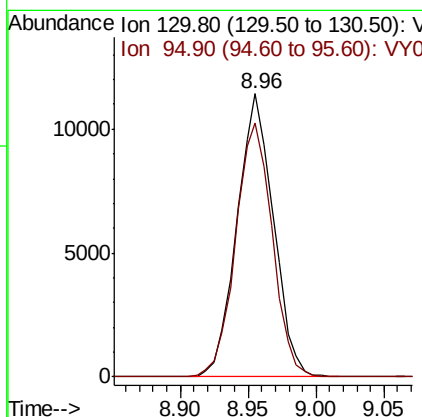
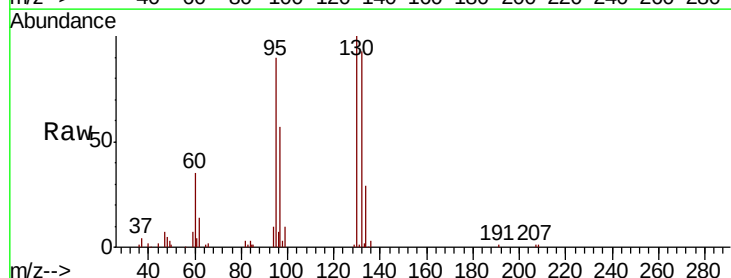
RT: 8.96 min Scan# 1184

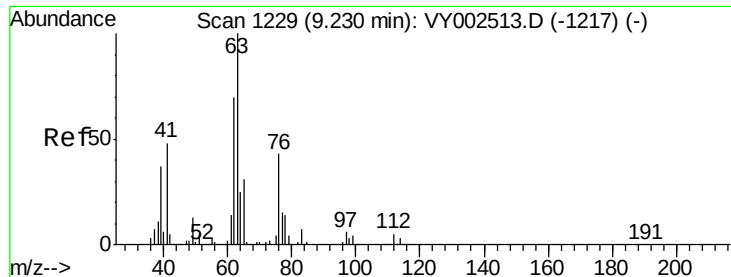
Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Tgt Ion:	130	Resp:	21373
Ion	Ratio	Lower	Upper
130	100		
95	89.8	0.0	175.8





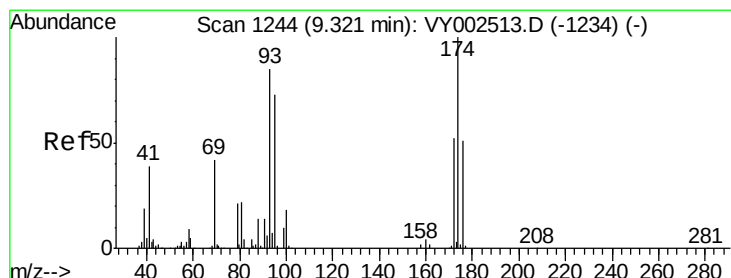
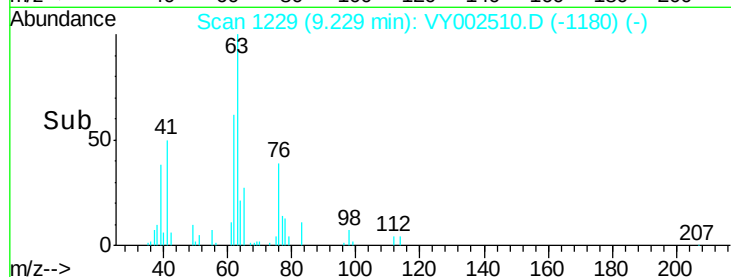
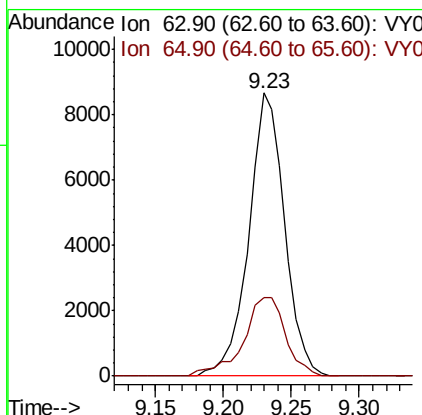
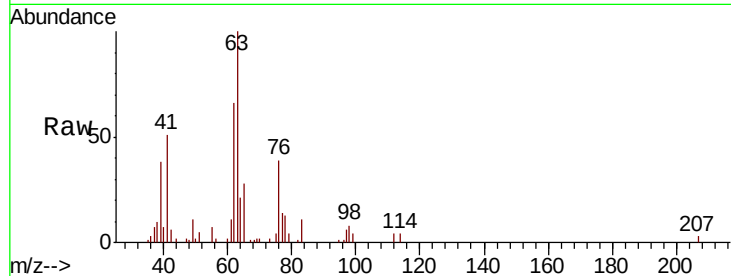
#45
 1,2-Dichloropropane
 Concen: 4.931 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.6	24.5	36.7

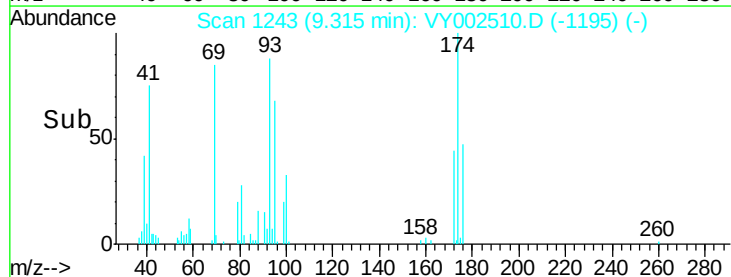
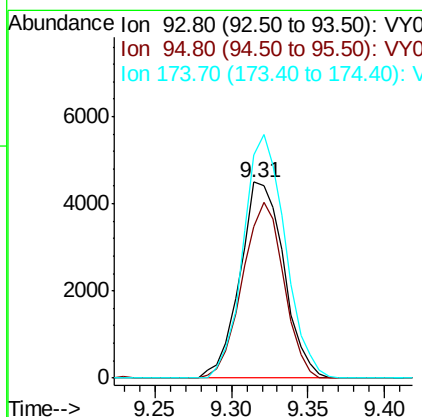
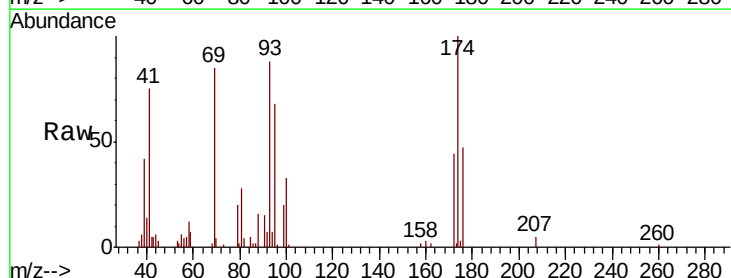
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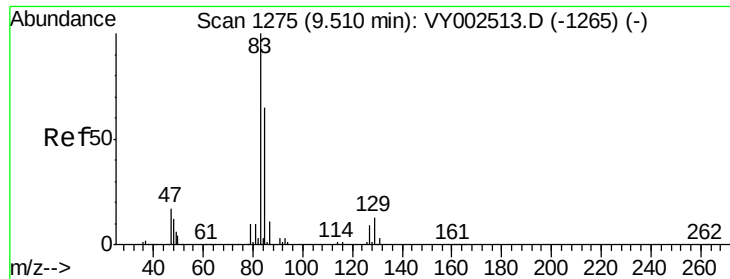
MMDadoda
 5/5/2020 4:30:59 PM



#46
 Dibromomethane
 Concen: 4.798 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	67.0	100.4
174	118.6	92.7	139.1





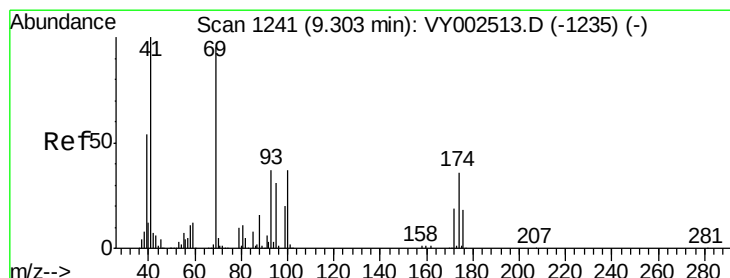
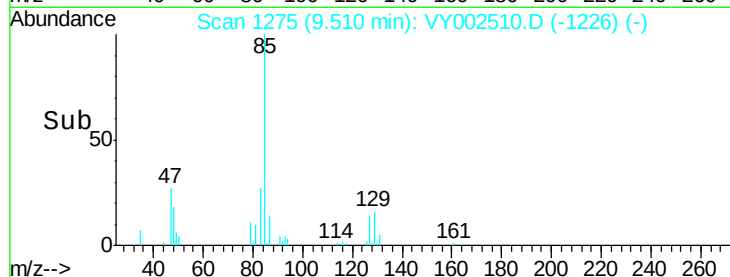
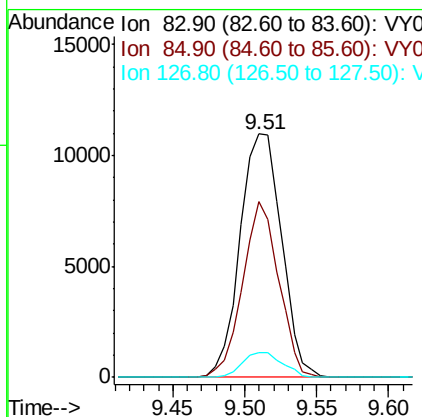
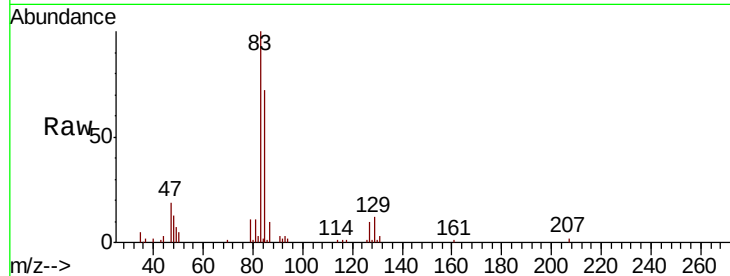
#47
Bromodichloromethane
Concen: 4.813 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	21854
Ion Ratio	100	Lower	Upper
83	100		
85	72.0	51.8	77.8
127	10.0	7.4	11.0

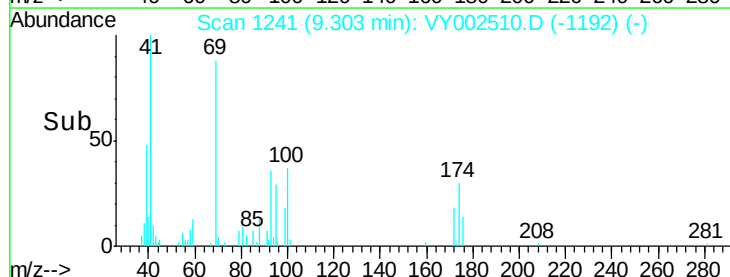
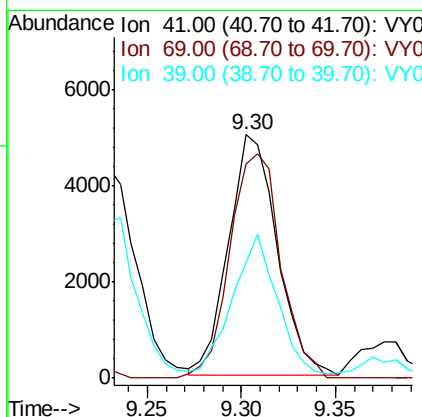
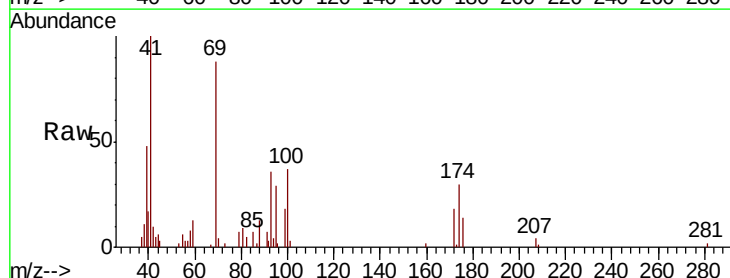
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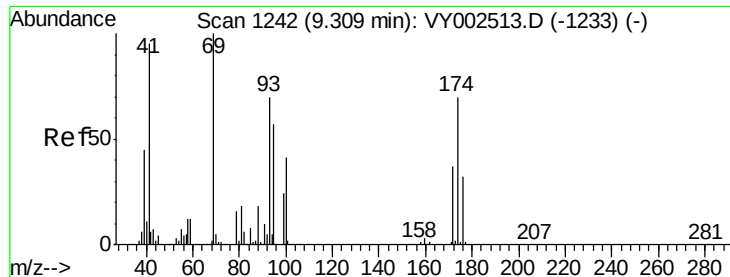
MMDadoda
5/5/2020 4:30:59 PM



#48
Methyl methacrylate
Concen: 4.397 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	41	Resp	8927
Ion Ratio	100	Lower	Upper
41	100		
69	98.1	76.2	114.4
39	57.2	42.7	64.1





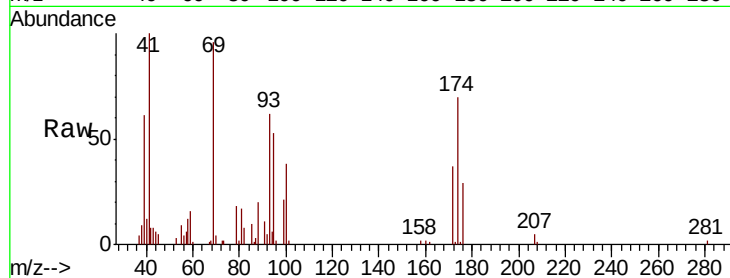
#49
1,4-Dioxane
Concen: 92.491 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.8	22.8	34.2
58	60.2	51.4	77.2

Manual Integrations
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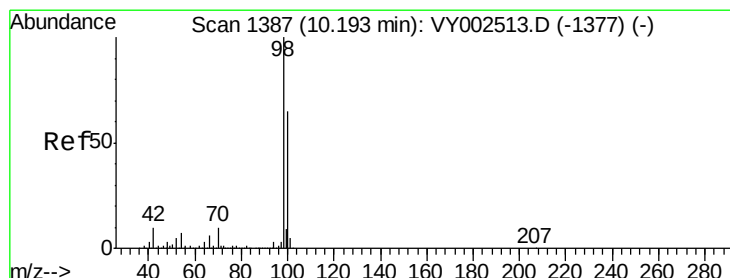
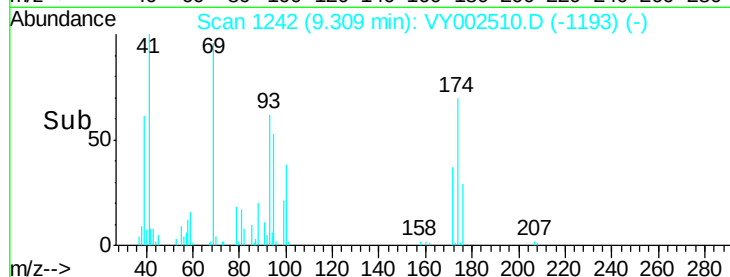
Abundance

Ion 88.00 (87.70 to 88.70): VY002510.D (-1193) (-)

Ion 43.00 (42.70 to 43.70): VY002510.D (-1193) (-)

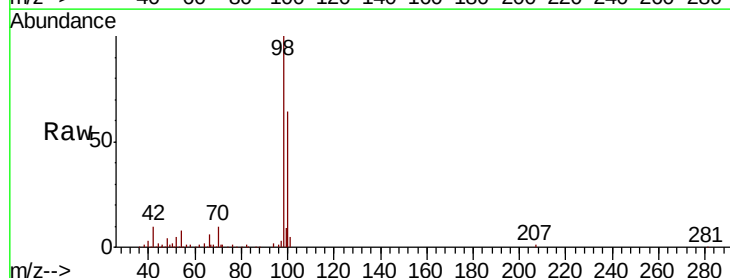
Ion 58.00 (57.70 to 58.70): VY002510.D (-1193) (-)

Time-->



#50
Toluene-d8
Concen: 5.267 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.2

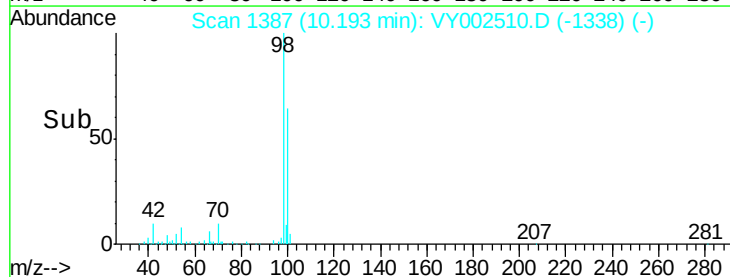


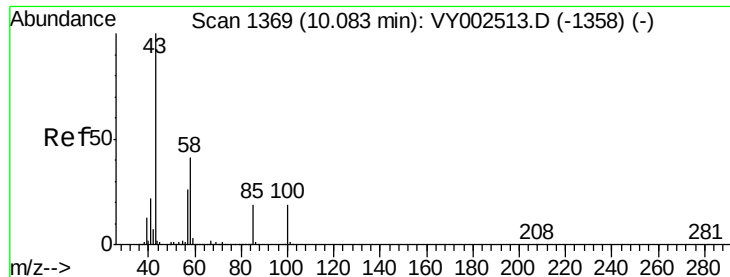
Abundance

Ion 98.00 (97.70 to 98.70): VY002510.D (-1338) (-)

Ion 100.00 (99.70 to 100.70): VY002510.D (-1338) (-)

Time-->





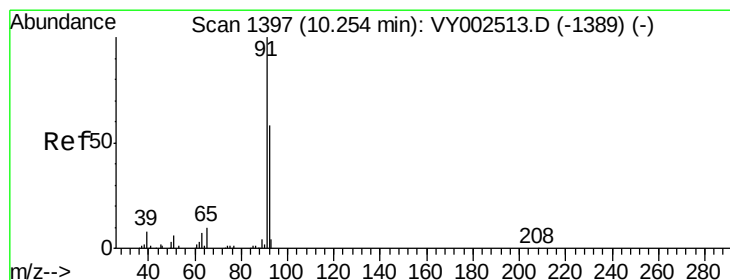
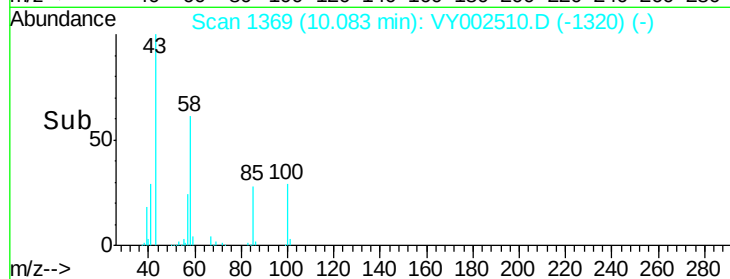
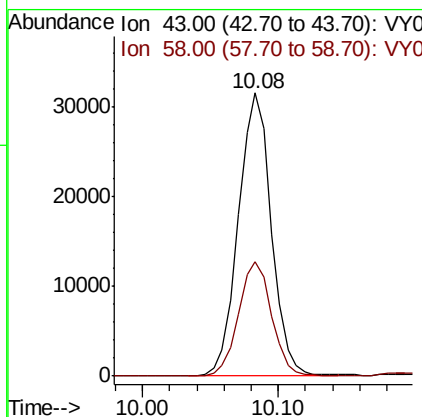
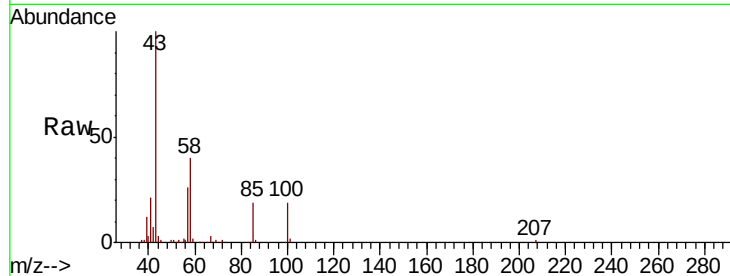
#51
4-Methyl-2-Pentanone
Concen: 23.081 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.6	33.2	49.8

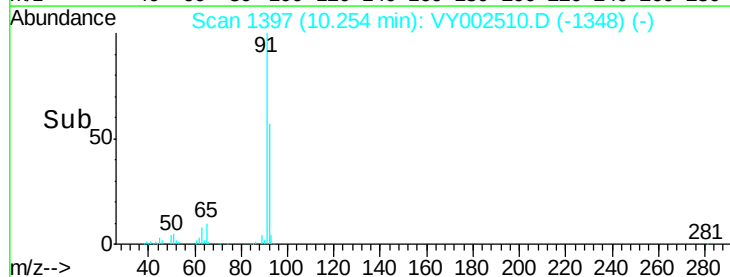
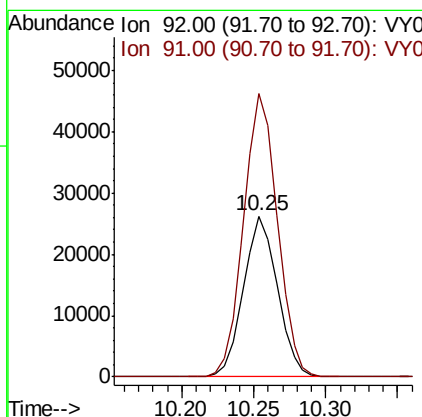
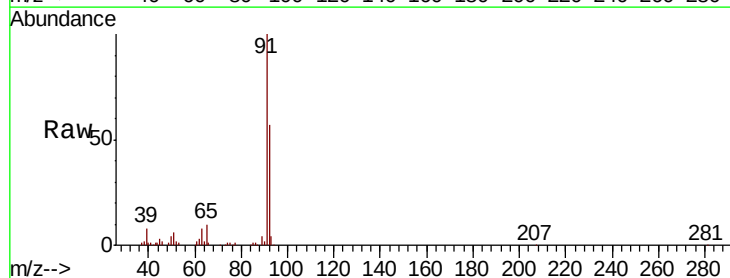
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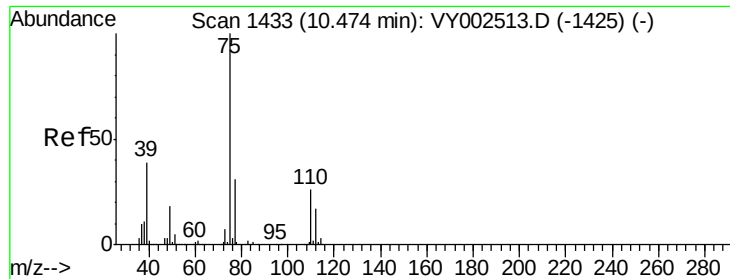
MMDadoda
5/5/2020 4:30:59 PM



#52
Toluene
Concen: 4.958 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.6	139.3	208.9





#53

t-1,3-Dichloropropene

Concen: 4.659 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 22166

Ion Ratio Lower Upper

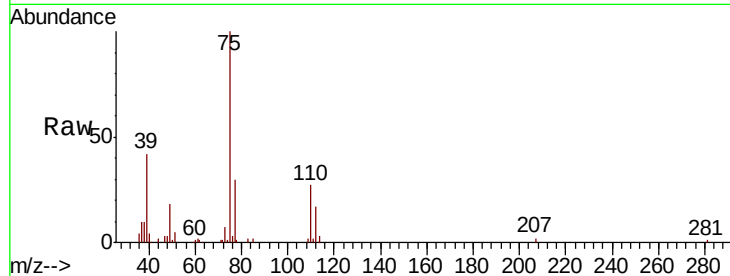
75 100

77 30.1 25.0 37.6

Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

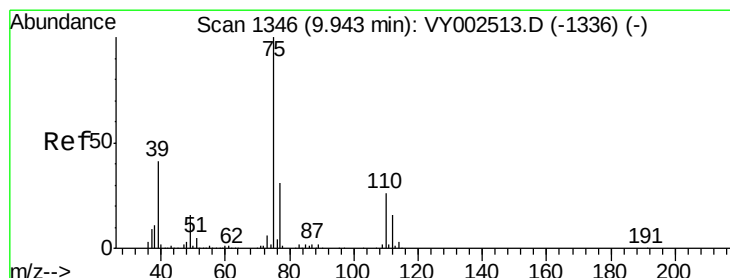
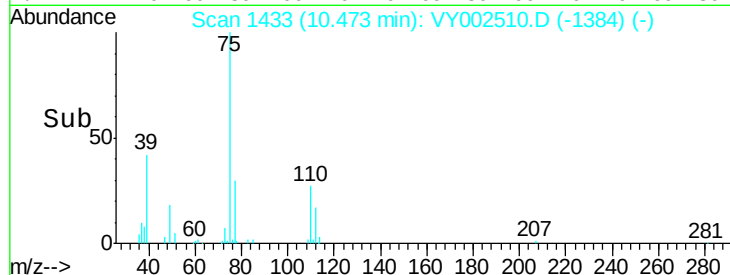
15000

10000

5000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 4.873 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

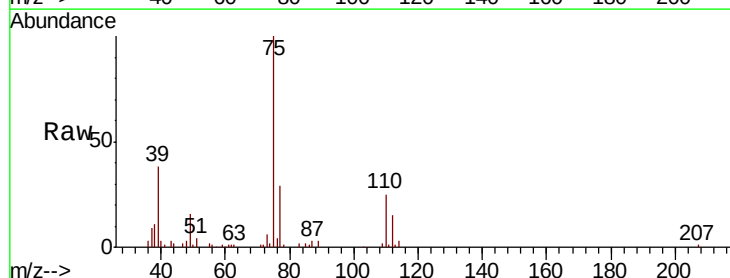
Tgt Ion: 75 Resp: 26803

Ion Ratio Lower Upper

75 100

77 29.1 25.1 37.7

39 38.1 32.7 49.1



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

20000

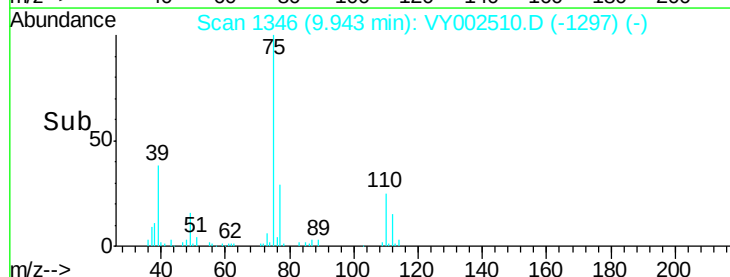
15000

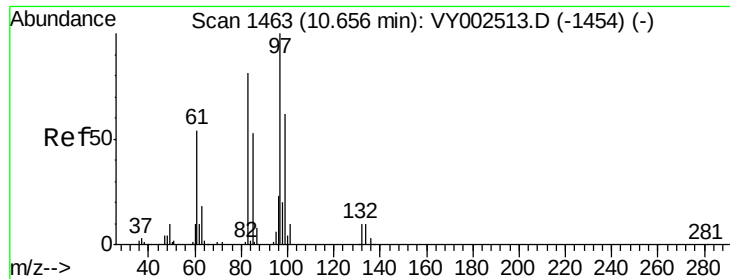
10000

5000

0

Time-->





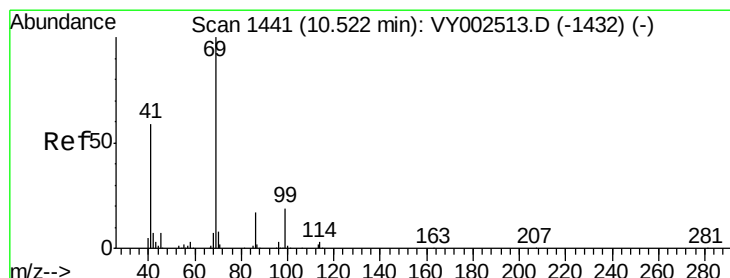
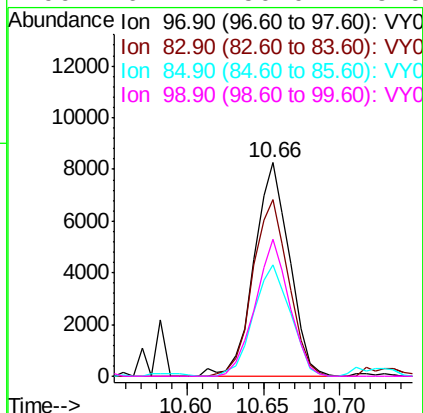
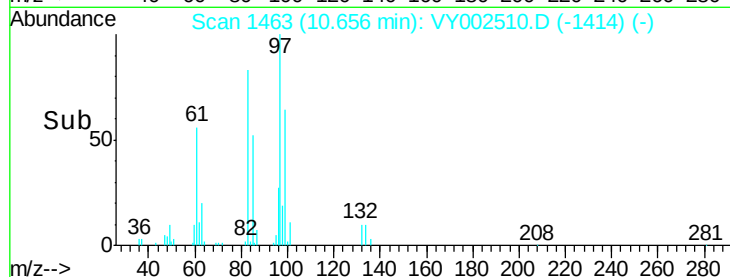
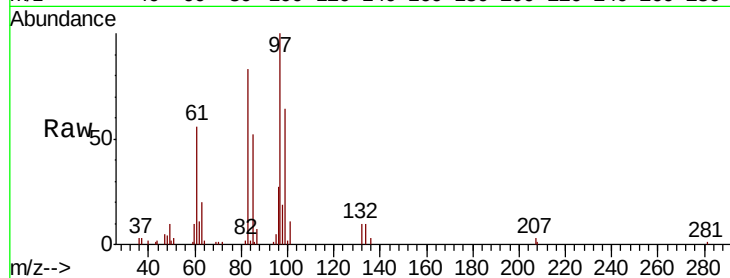
#55
 1,1,2-Trichloroethane
 Concen: 4.880 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	13290
Ion	Ratio	Lower	Upper
97	100		
83	82.8	65.1	97.7
85	52.4	42.7	64.1
99	64.4	50.0	75.0

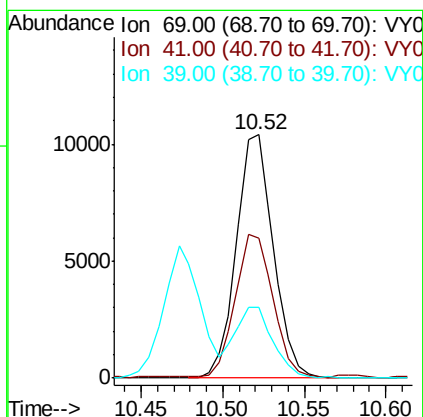
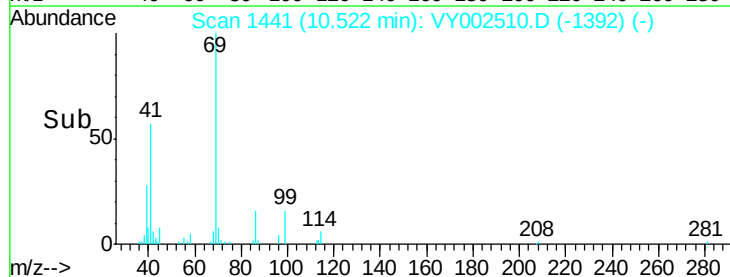
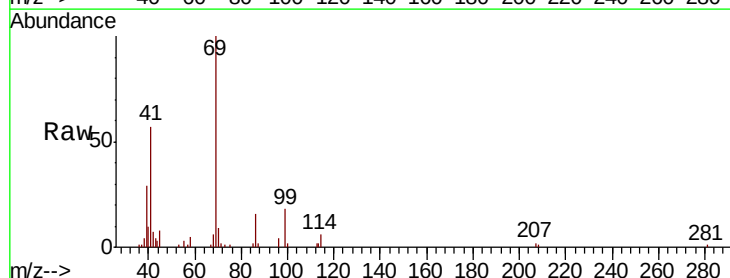
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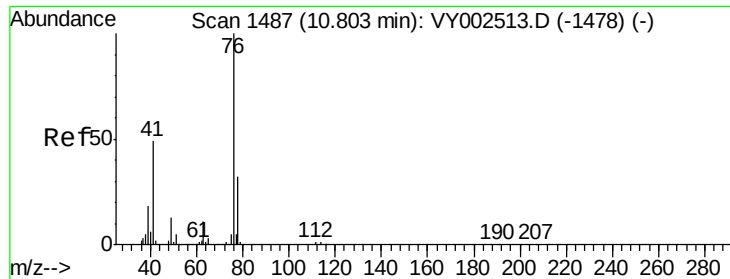
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 4.538 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion:	69	Resp:	16441
Ion	Ratio	Lower	Upper
69	100		
41	60.8	48.6	73.0
39	30.5	25.0	37.4





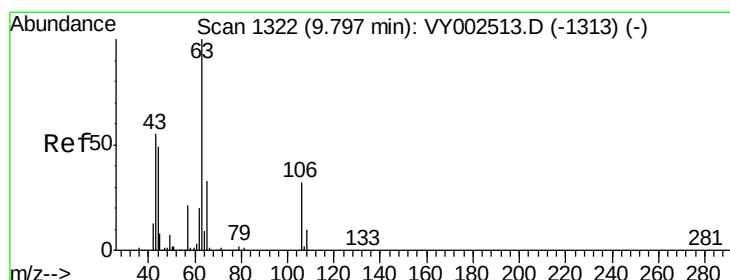
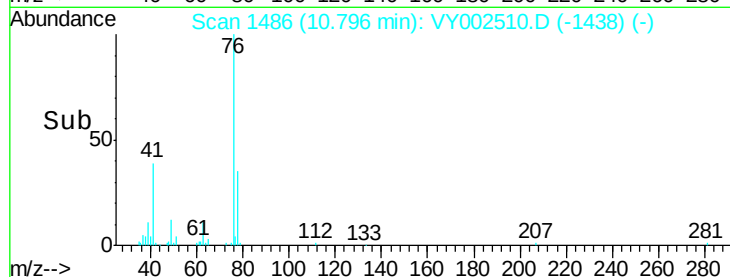
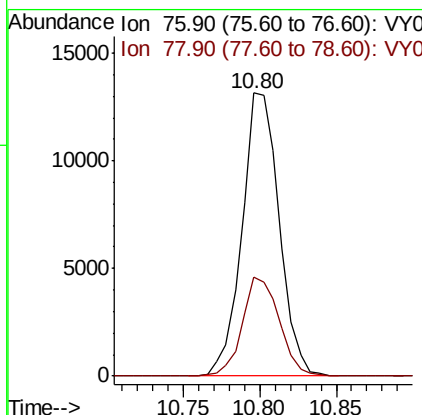
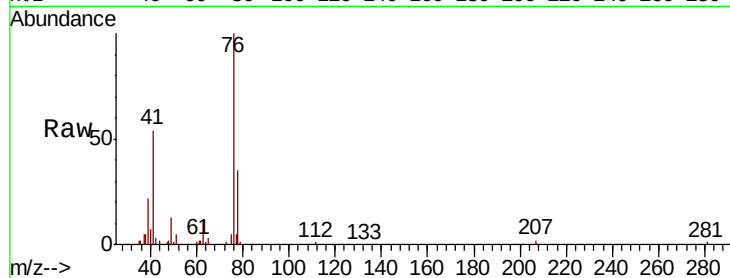
#57
 1,3-Dichloropropane
 Concen: 4.803 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.8	25.4	38.2

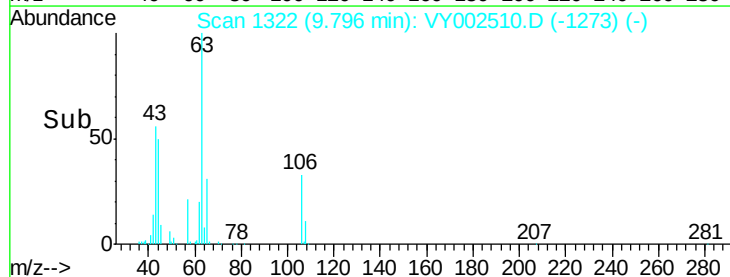
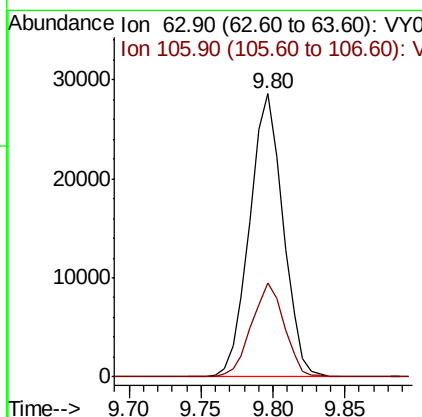
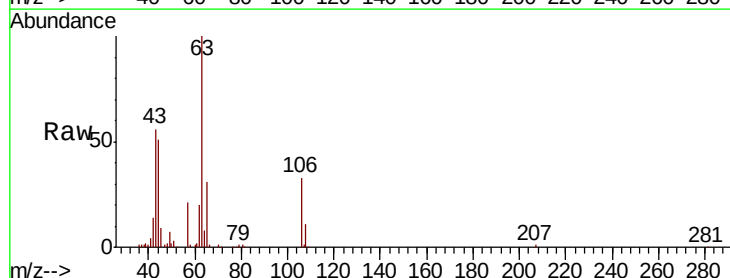
Manual Integrations
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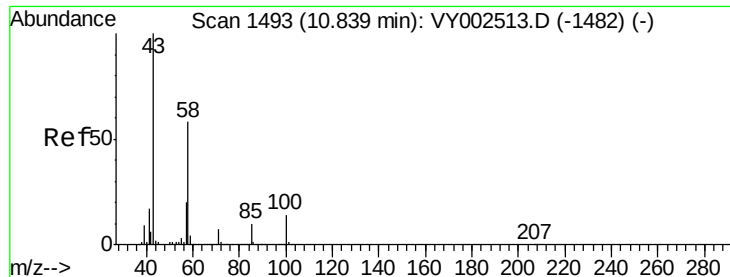
MMDadoda
 5/5/2020 4:30:59 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 24.108 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.3	25.2	37.8





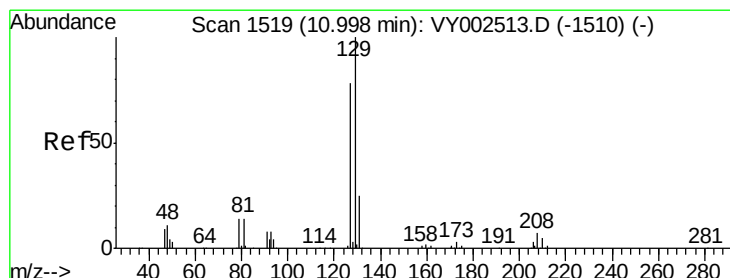
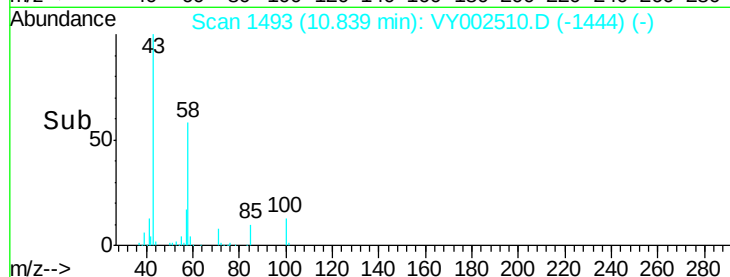
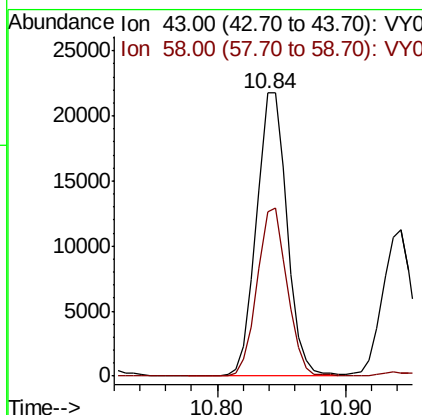
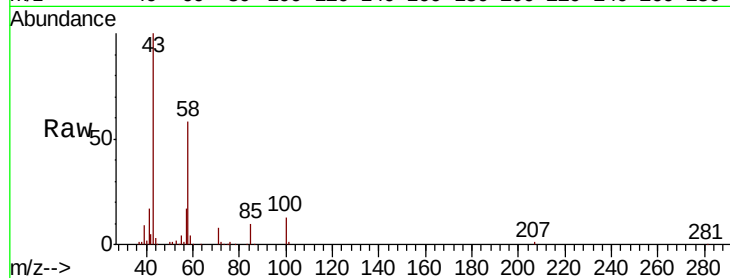
#59
2-Hexanone
Concen: 22.369 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 35599
Ion Ratio Lower Upper
43 100
58 58.3 29.1 87.3

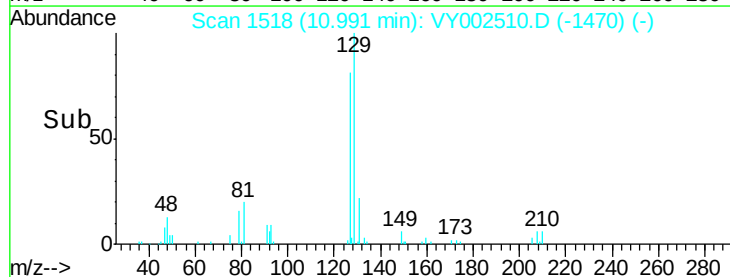
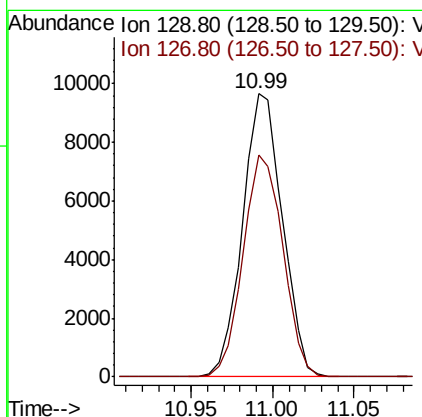
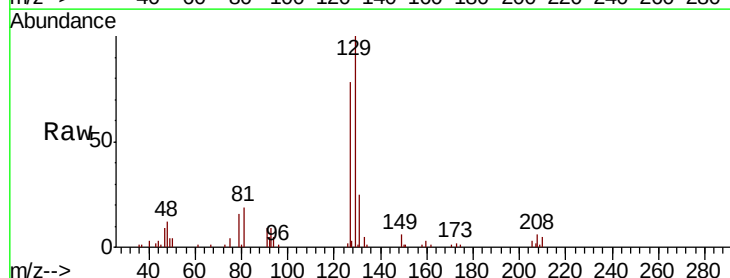
Manual Integrations
APPROVED

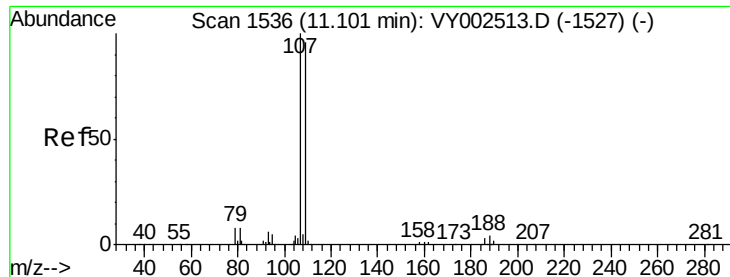
MMDadoda
5/5/2020 4:30:59 PM



#60
Dibromochloromethane
Concen: 4.753 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion: 129 Resp: 16464
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0





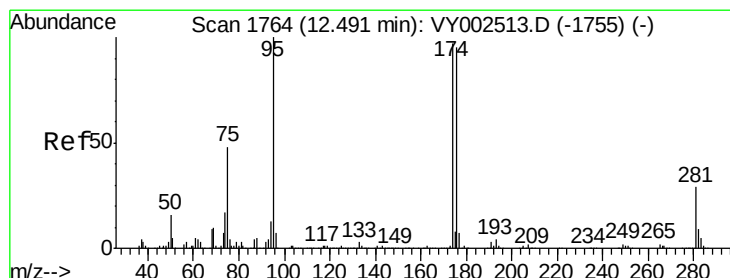
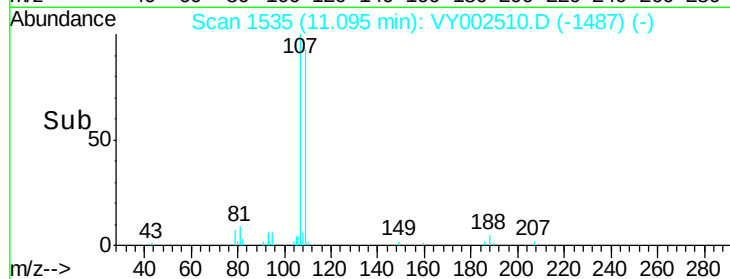
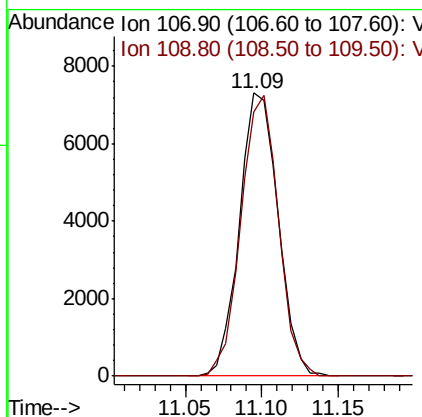
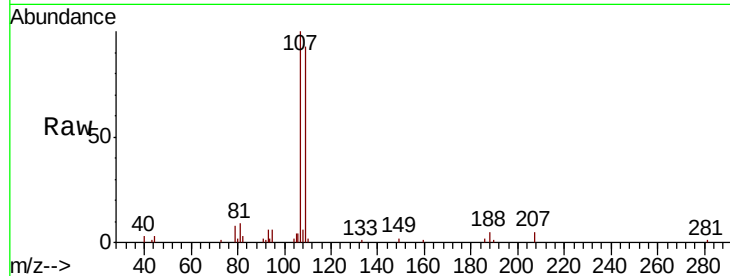
#61
 1,2-Dibromoethane
 Concen: 4.763 ug/l
 RT: 11.09 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.0	75.8	113.8

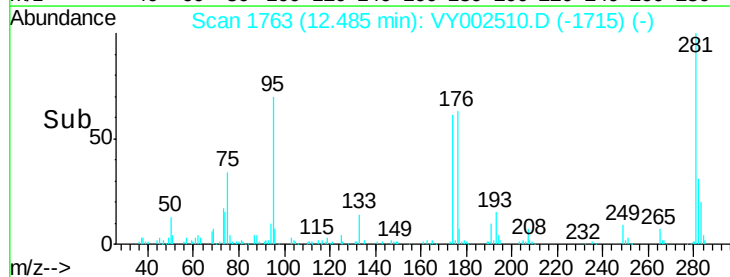
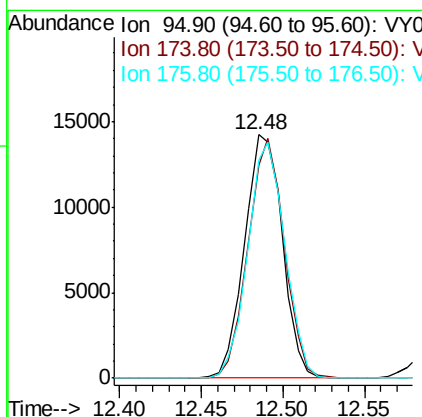
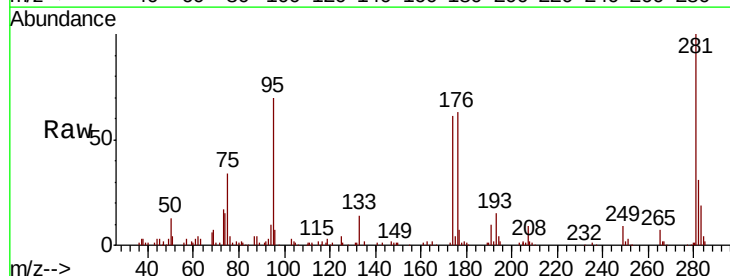
Manual Integrations
 APPROVED

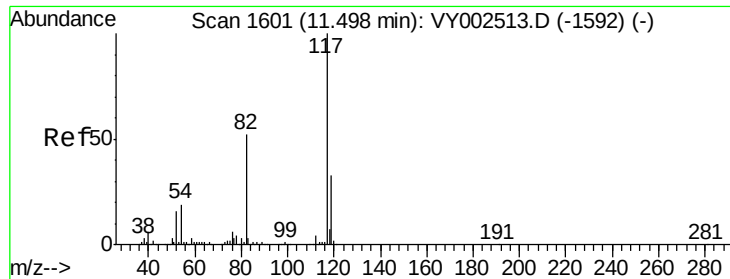
MMDadoda
 5/5/2020 4:30:59 PM



#62
 4-Bromofluorobenzene
 Concen: 5.454 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	188.8
176	95.1	0.0	183.2





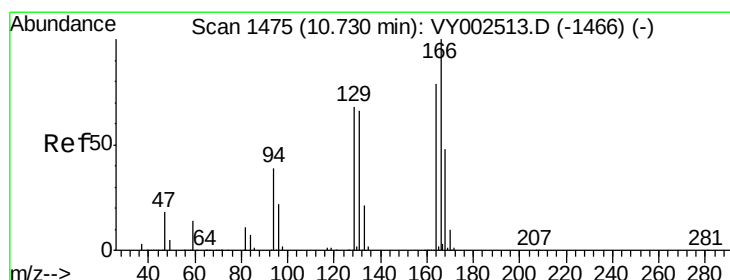
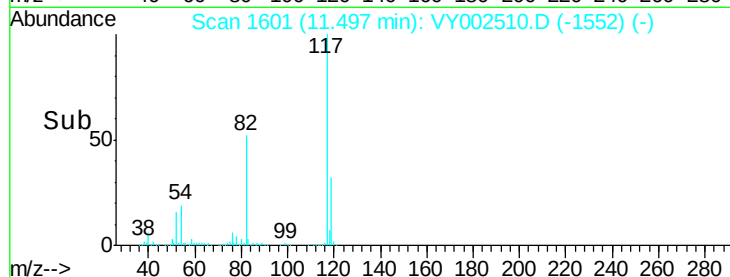
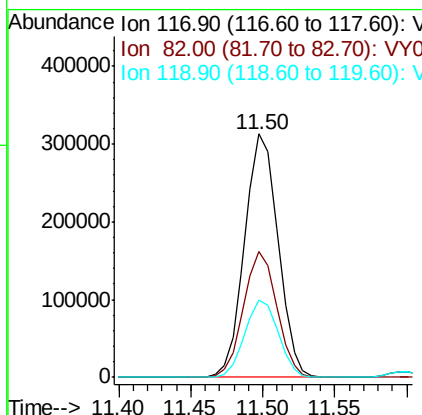
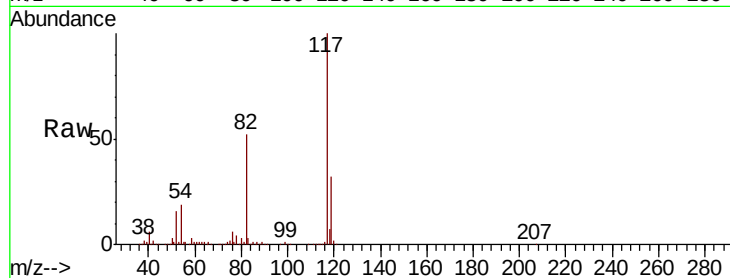
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	502958		
82	51.5		41.3	61.9
119	31.8		26.0	39.0

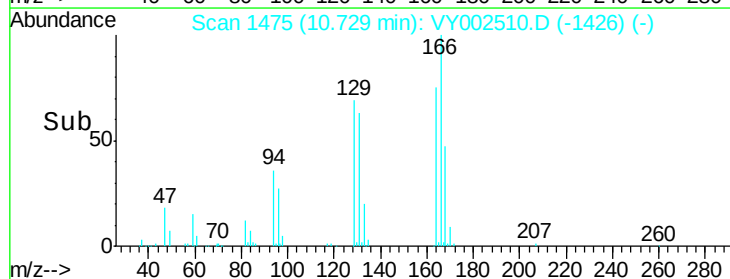
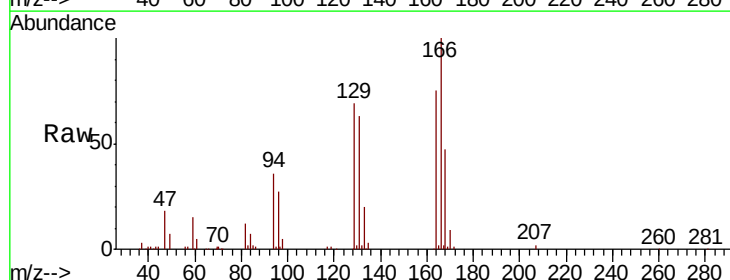
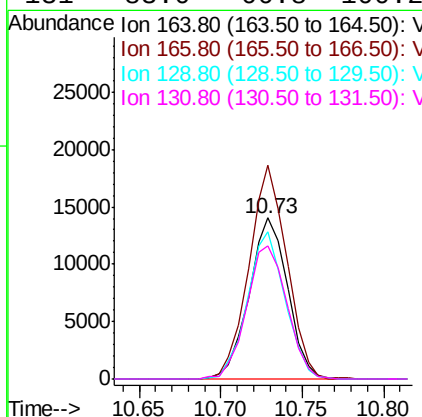
Manual Integrations
APPROVED

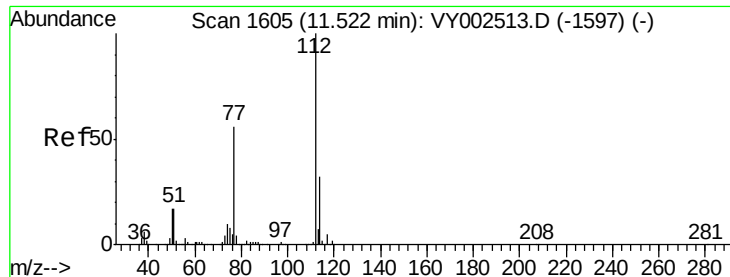
MMDadoda
5/5/2020 4:30:59 PM



#64
Tetrachloroethene
Concen: 5.155 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	23037		
166	132.7		100.7	151.1
129	91.6		68.3	102.5
131	83.0		66.8	100.2





#65

Chlorobenzene

Concen: 5.065 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 48427

Ion Ratio Lower Upper

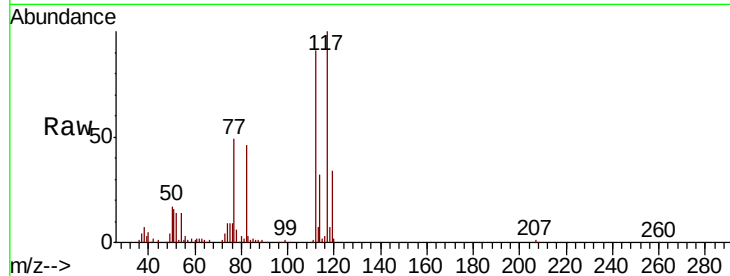
112 100

114 34.9 25.8 38.6

Manual Integrations
APPROVED

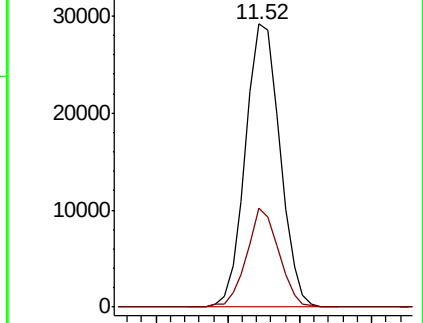
MMDadoda

5/5/2020 4:30:59 PM

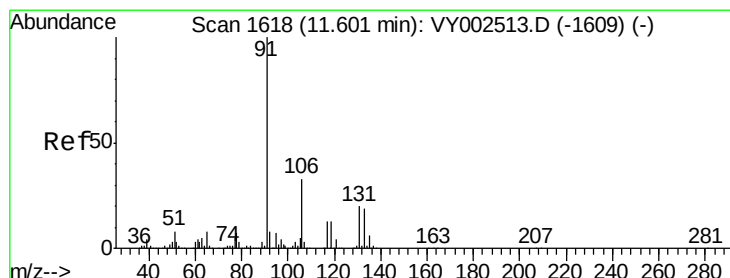
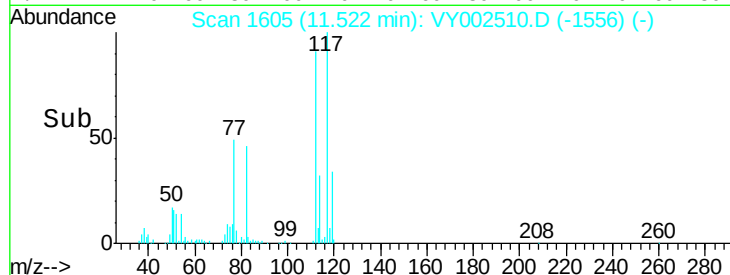


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 4.871 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

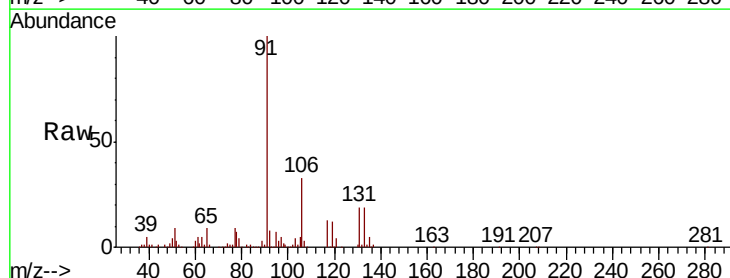
Tgt Ion:131 Resp: 17287

Ion Ratio Lower Upper

131 100

133 98.4 48.1 144.4

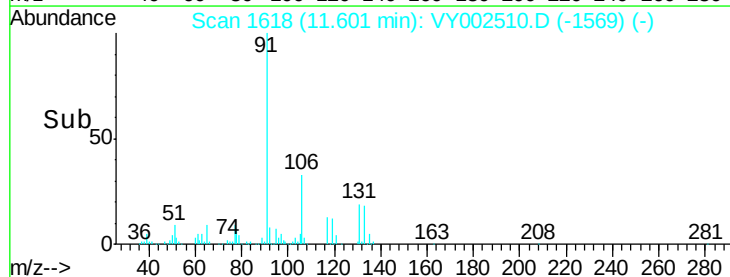
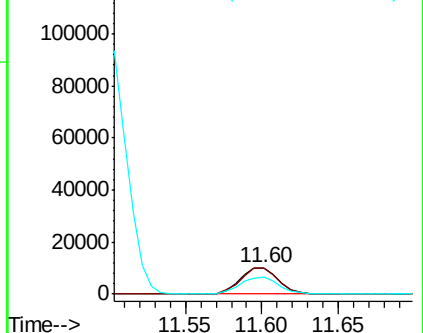
119 65.1 31.6 95.0

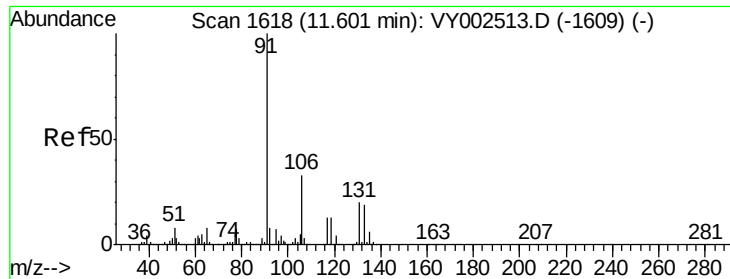


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





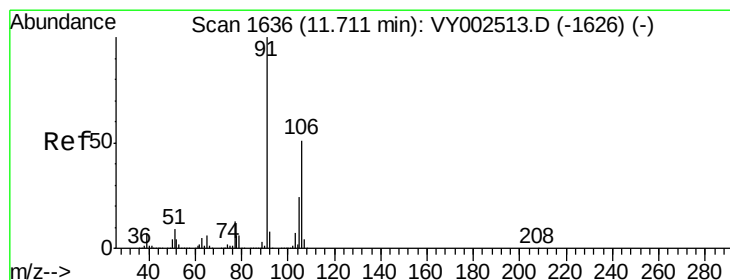
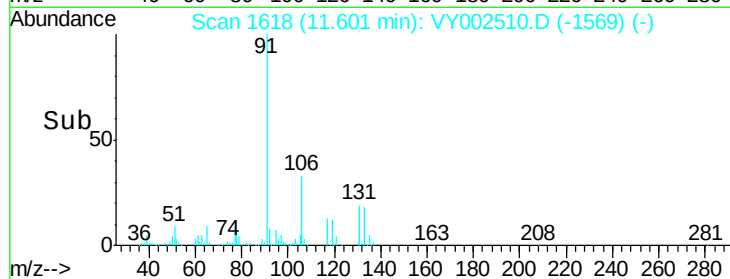
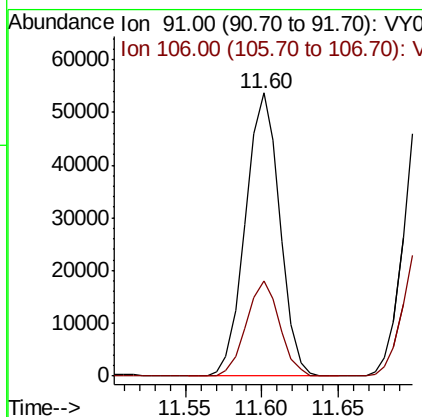
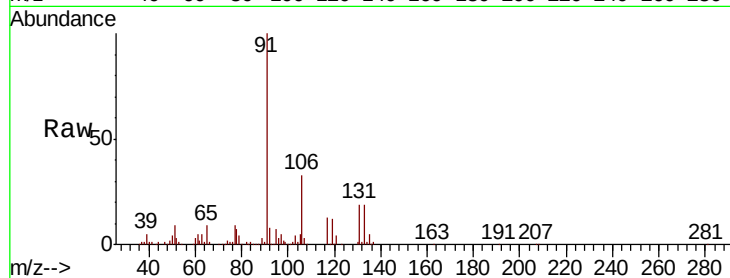
#67
Ethyl Benzene
Concen: 4.982 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	33.4	26.1	39.1	

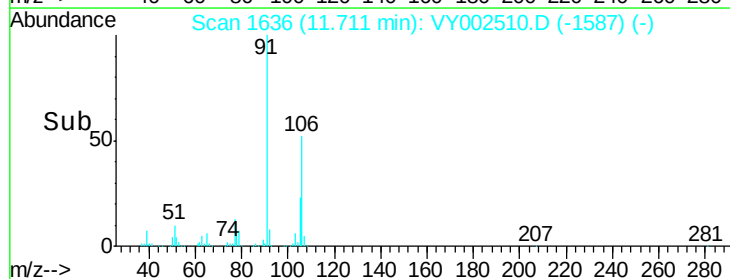
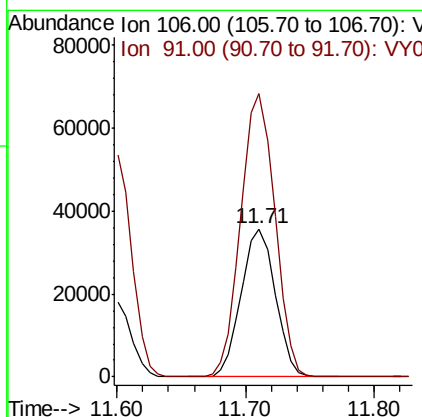
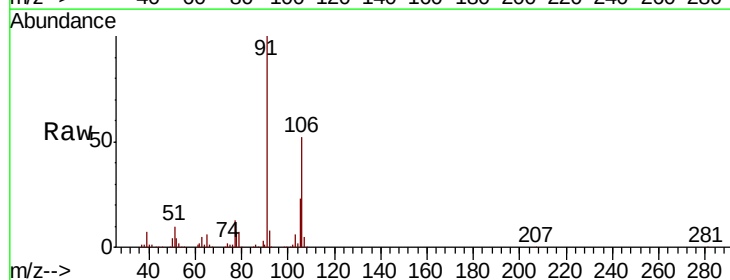
Manual Integrations
APPROVED

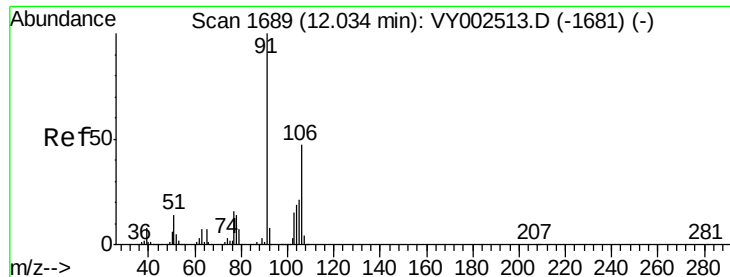
MMDadoda
5/5/2020 4:30:59 PM



#68
m/p-Xylenes
Concen: 10.094 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	191.8	155.2	232.8	





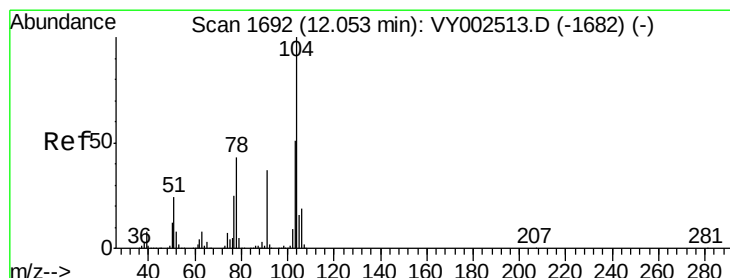
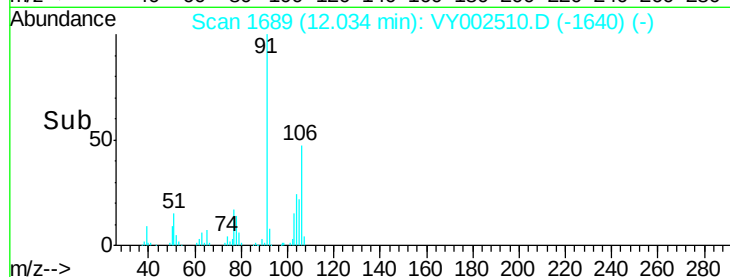
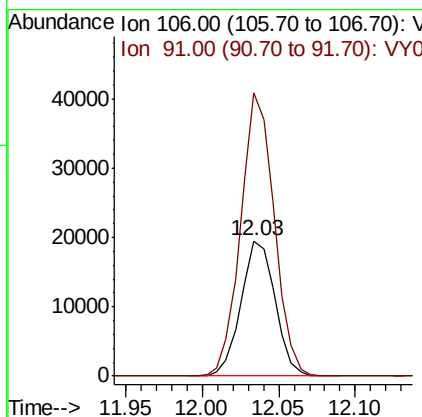
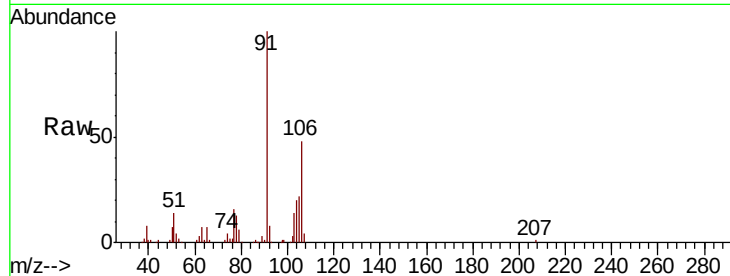
#69
o-Xylene
Concen: 4.971 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	205.4	103.8	311.3

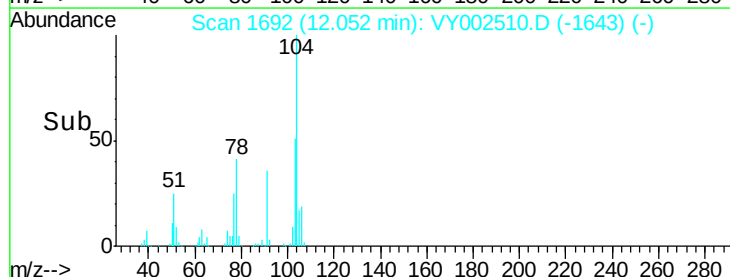
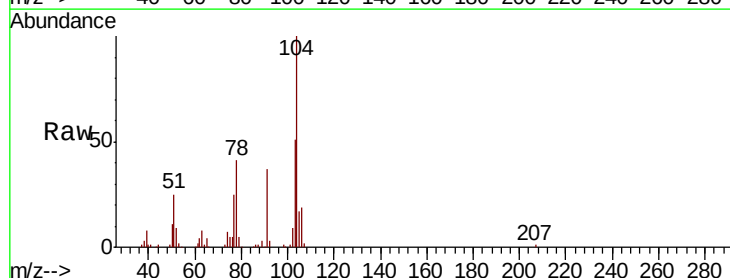
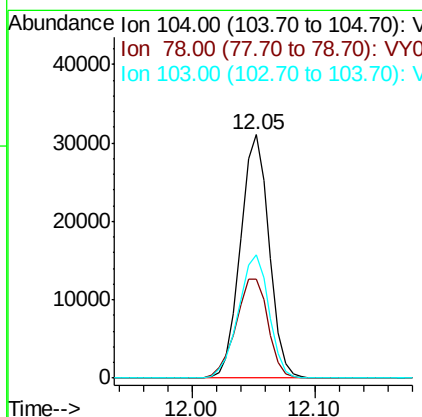
Manual Integrations
APPROVED

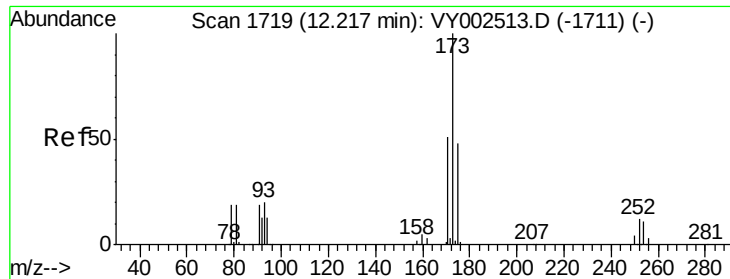
MMDadoda
5/5/2020 4:30:59 PM



#70
Styrene
Concen: 4.831 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	45.5	37.4	56.0
103	103	54.5	43.9	65.9





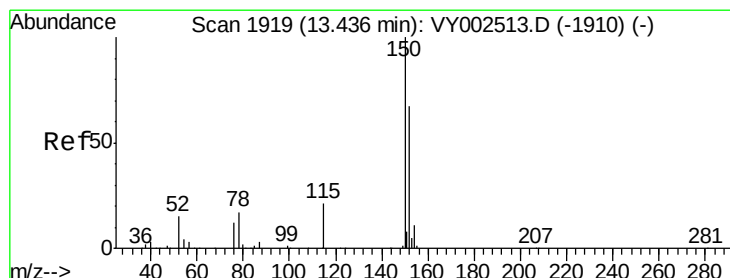
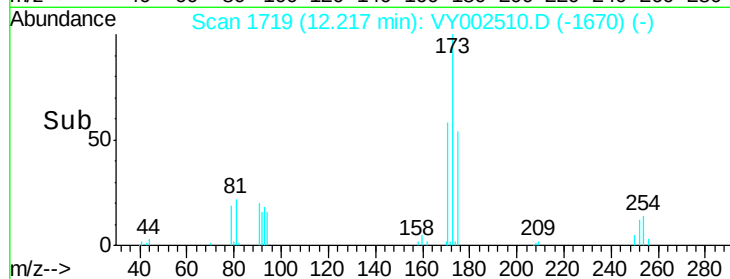
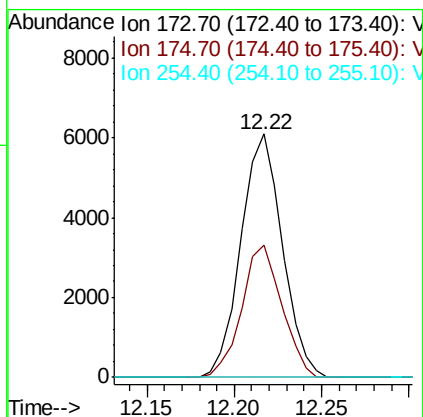
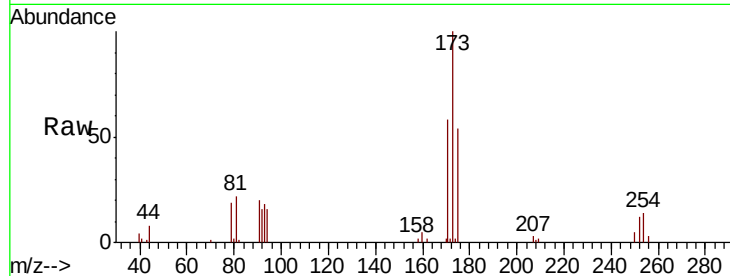
#71
Bromoform
Concen: 4.564 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	52.3	24.3	72.8
254	0.0	0.2	0.2

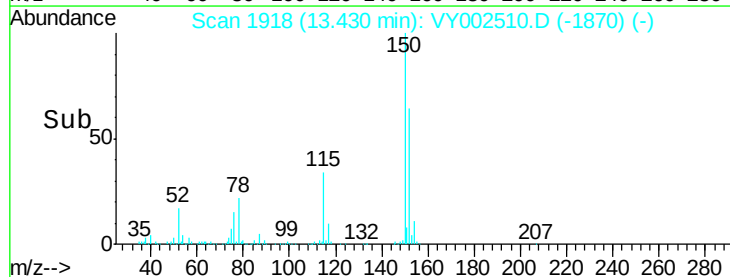
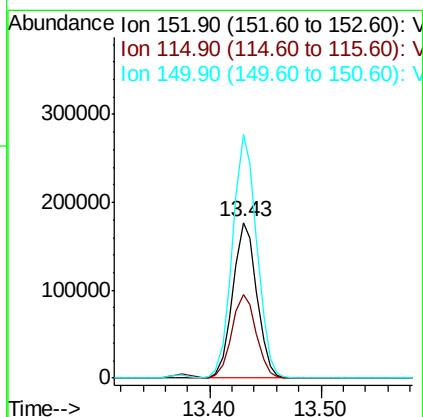
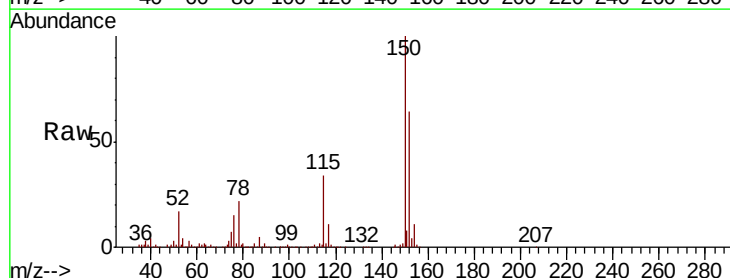
Manual Integrations
APPROVED

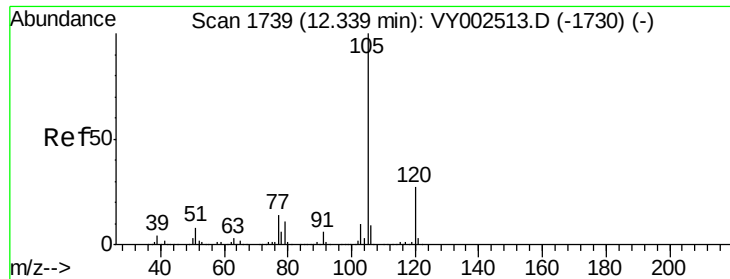
MMDadoda
5/5/2020 4:30:59 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.5	82.4
150	158.3	0.0	346.4





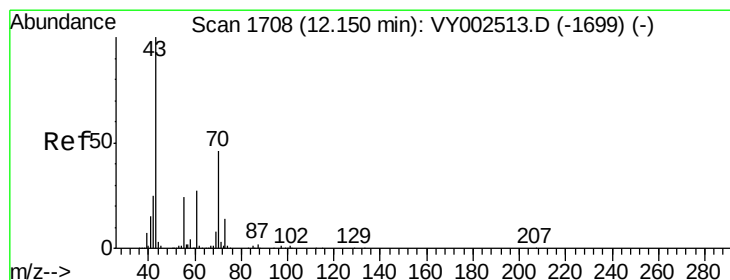
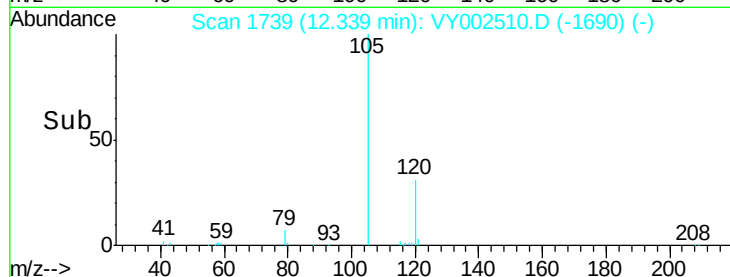
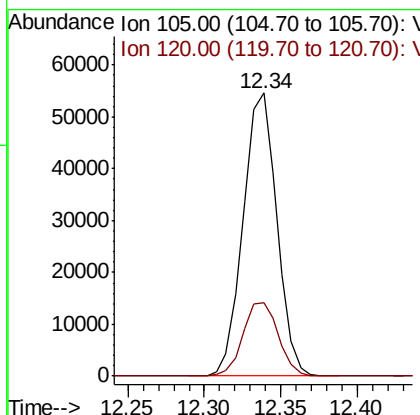
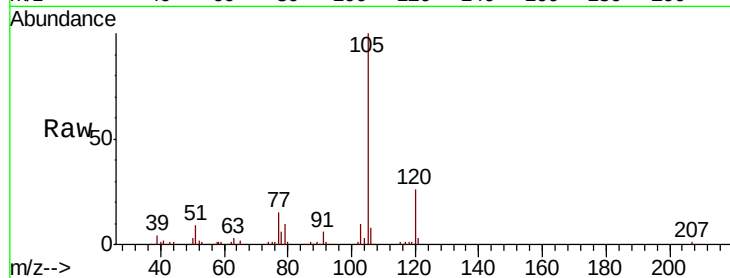
#73
Isopropylbenzene
Concen: 4.890 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.8	41.3

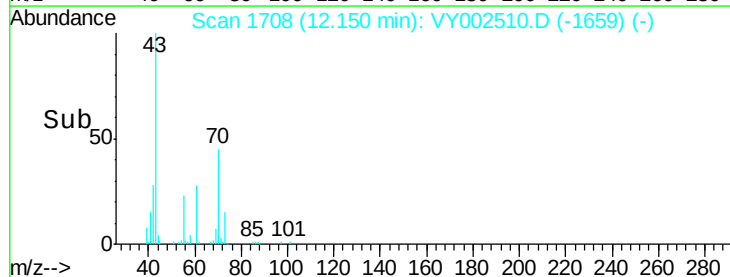
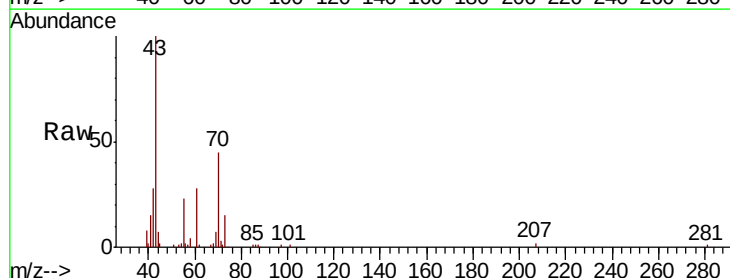
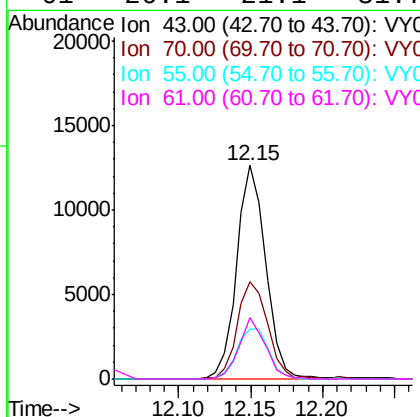
Manual Integrations
APPROVED

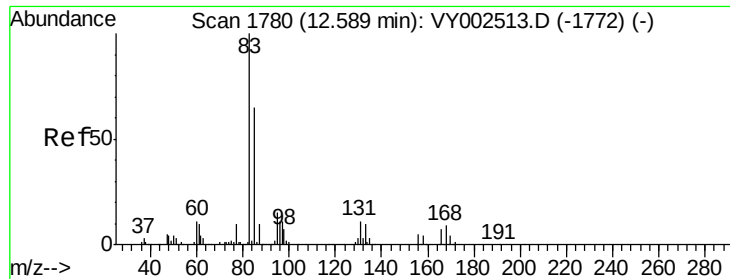
MMDadoda
5/5/2020 4:30:59 PM



#74
N-ethyl acetate
Concen: 4.318 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.6	36.7	55.1
55	25.9	19.2	28.8
61	26.1	21.1	31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 4.608 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

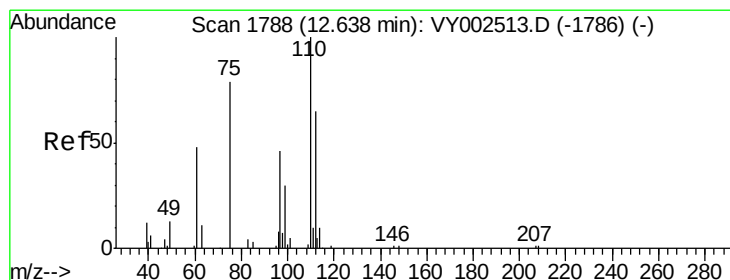
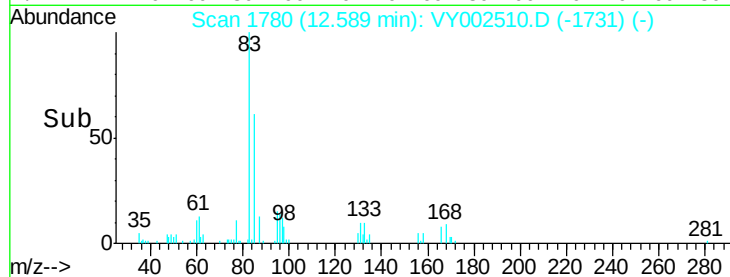
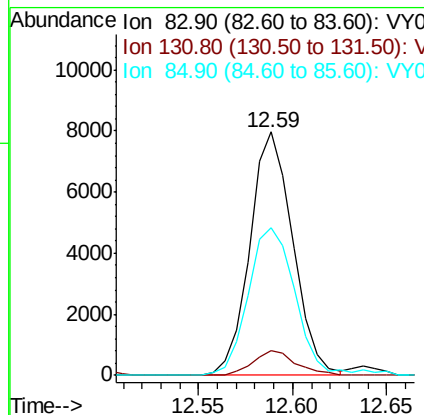
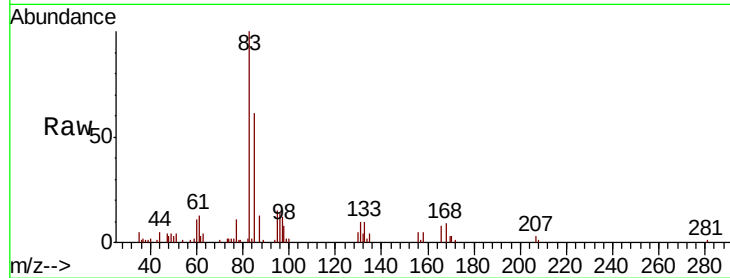
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	12546
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.9	17.8
85	65.9	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:30:59 PM



#76

1,2,3-Trichloropropane

Concen: 4.801 ug/l m

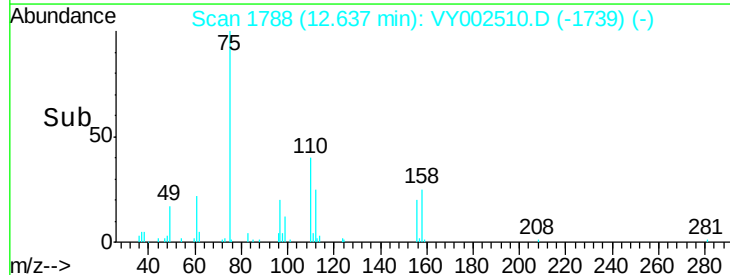
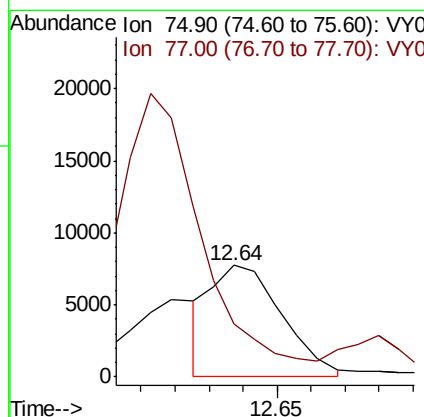
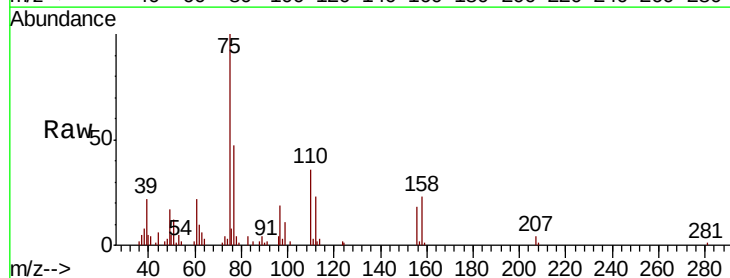
RT: 12.64 min Scan# 1788

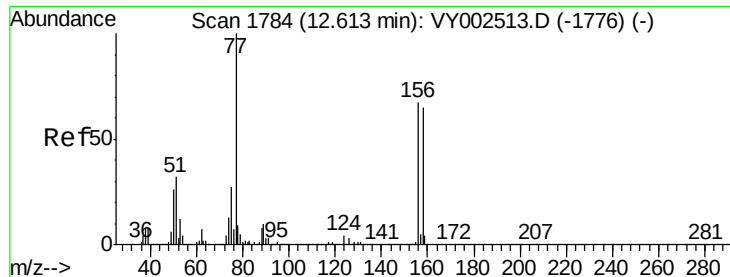
Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Tgt Ion:	75	Resp:	11319
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.990 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

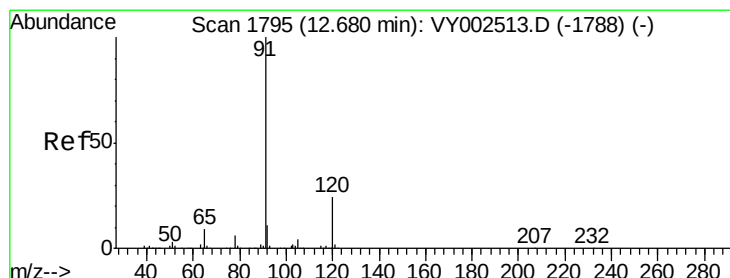
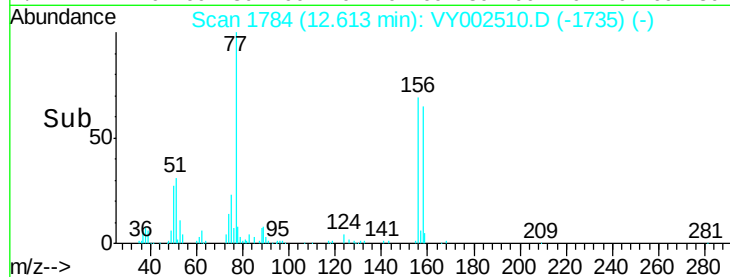
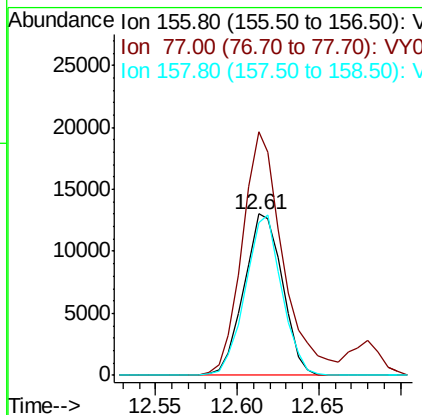
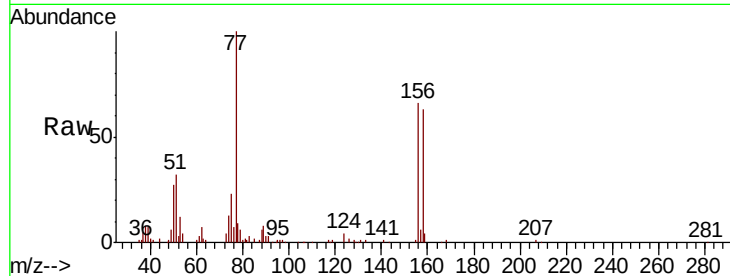
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	21341
Ion	Ratio	Lower	Upper
156	100		
77	161.4	82.0	245.8
158	94.2	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 4.941 ug/l

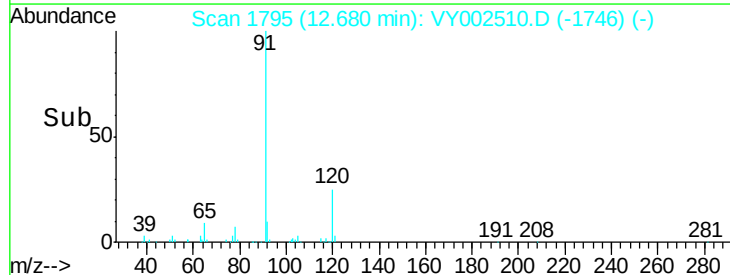
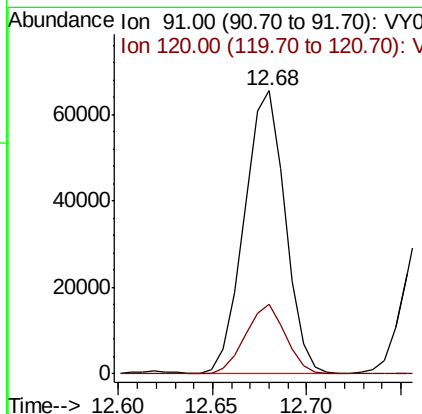
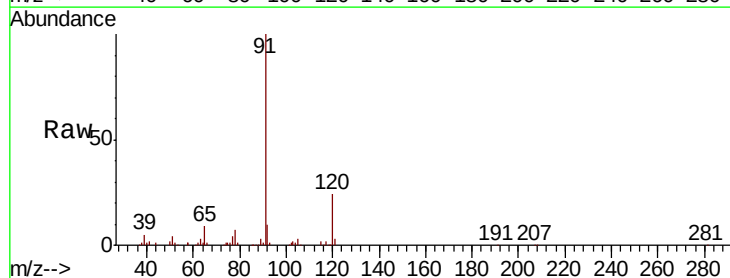
RT: 12.68 min Scan# 1795

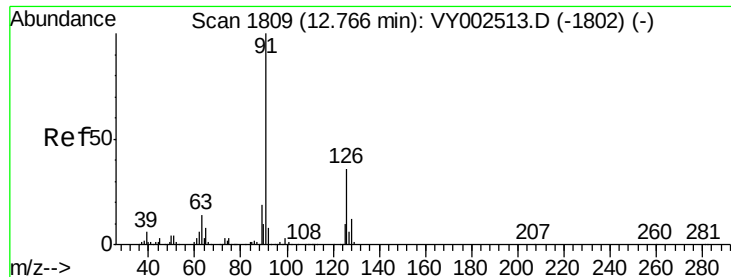
Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Tgt Ion:	91	Resp:	98165
Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.2	36.4





#79

2-Chlorotoluene

Concen: 4.956 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.01 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 54537

Ion Ratio Lower Upper

91 100

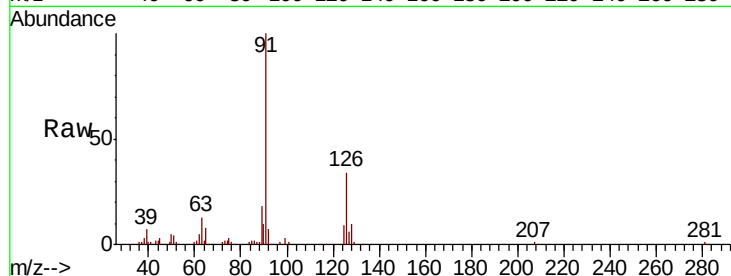
126 35.7 18.4 55.2

Manual Integrations

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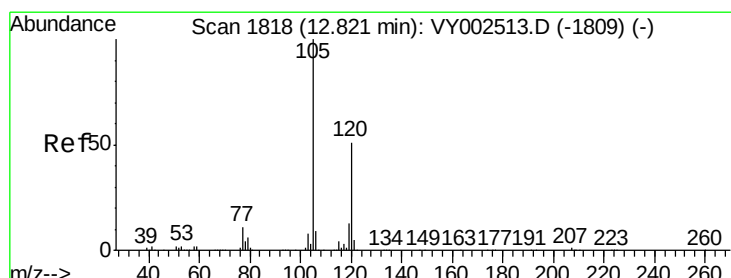
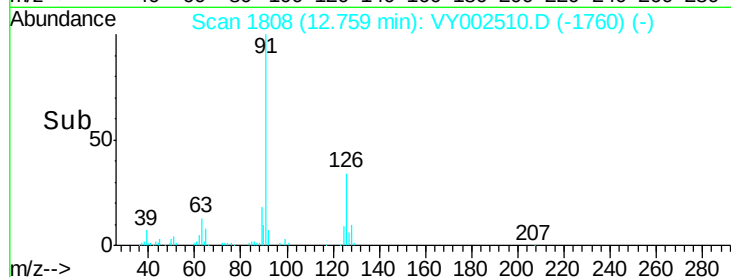
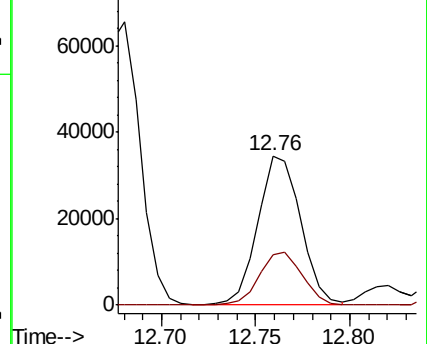
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Abundance Ion 91.00 (90.70 to 91.70): VY002510.D (-1760) (-)

Ion 125.90 (125.60 to 126.60): VY002510.D (-1760) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.843 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY002510.D

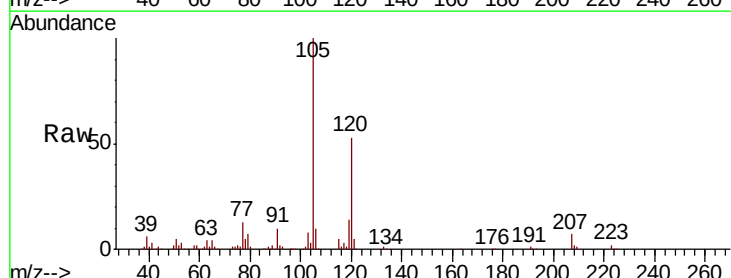
Acq: 30 Apr 2020 14:18

Tgt Ion: 105 Resp: 68725

Ion Ratio Lower Upper

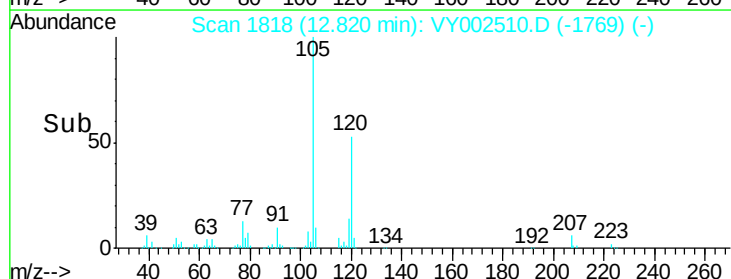
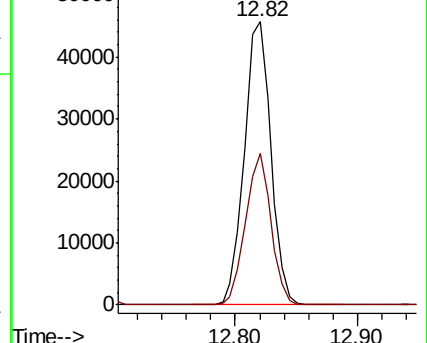
105 100

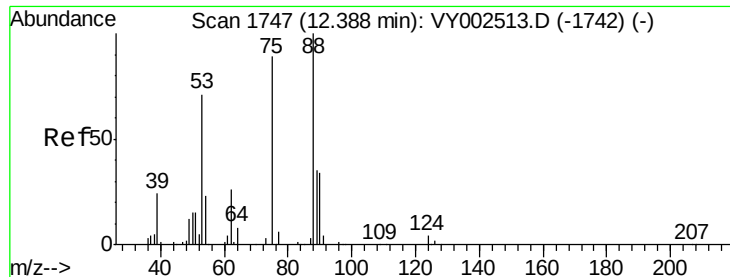
120 51.2 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VY002510.D (-1769) (-)

Ion 120.00 (119.70 to 120.70): VY002510.D (-1769) (-)





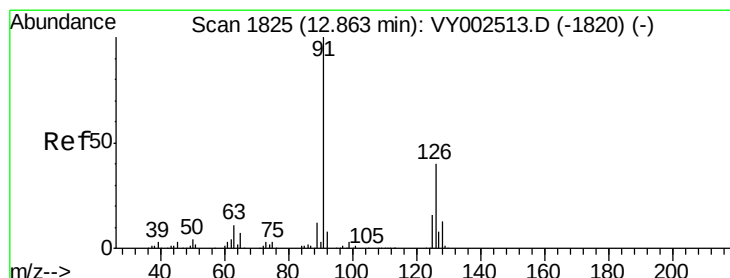
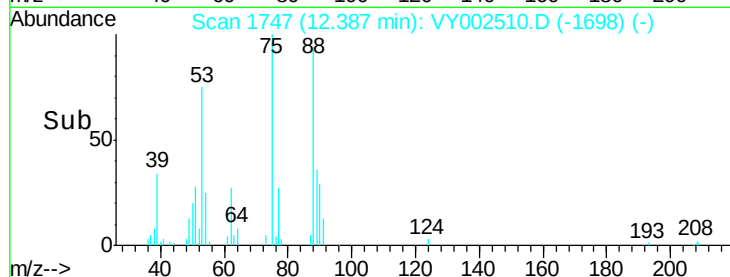
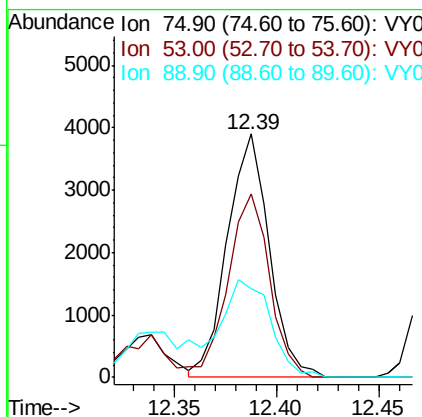
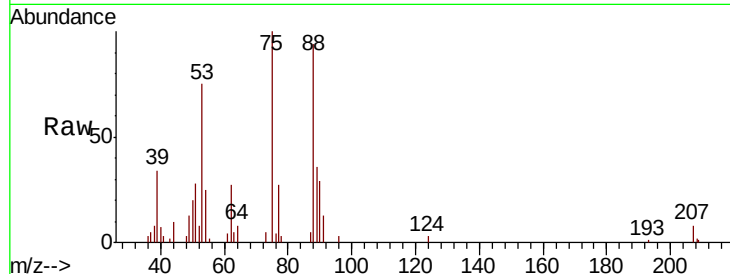
#81
trans-1,4-Dichloro-2-butene
Concen: 4.738 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	75.4	67.4	101.0
89	46.1	37.4	56.0

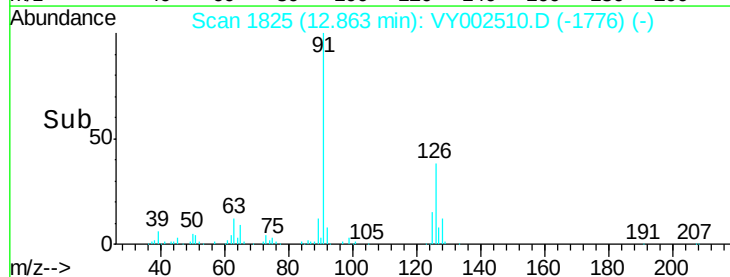
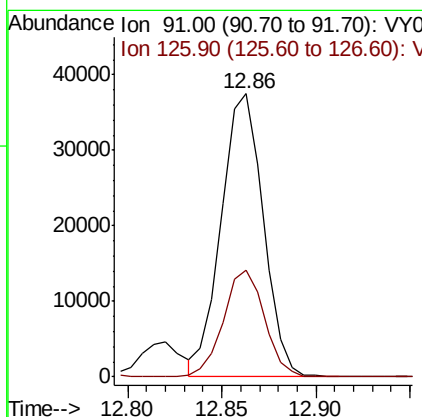
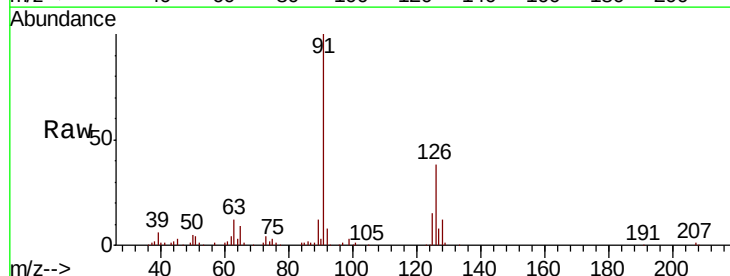
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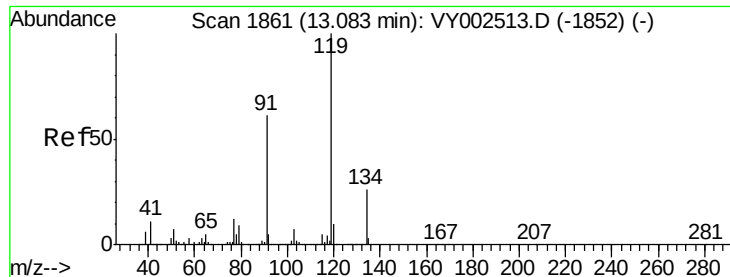
MMDadoda
5/5/2020 4:30:59 PM



#82
4-Chlorotoluene
Concen: 5.032 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.5	55.5





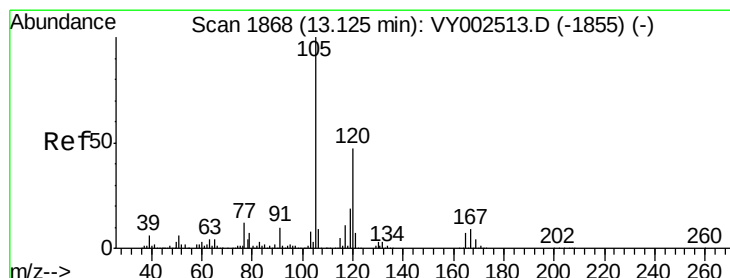
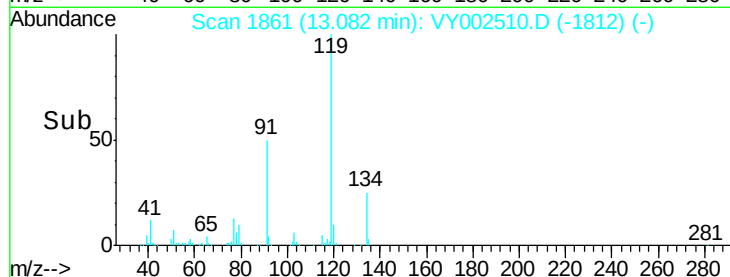
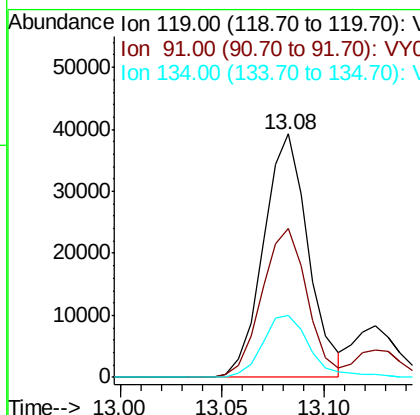
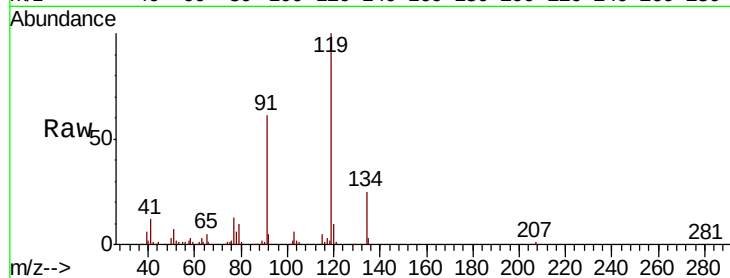
#83
 tert-Butylbenzene
 Concen: 4.819 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion:119	Resp:	59959
Ion Ratio	Lower	Upper
119 100		
91 61.9	30.6	91.6
134 27.0	13.5	40.4

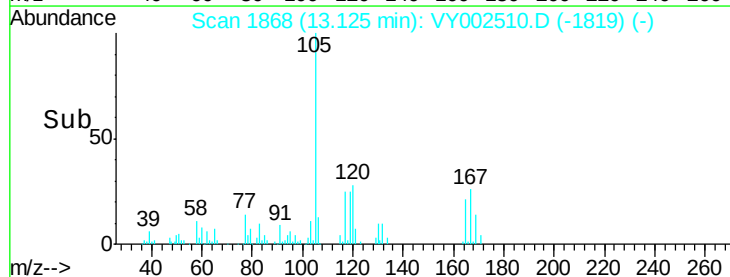
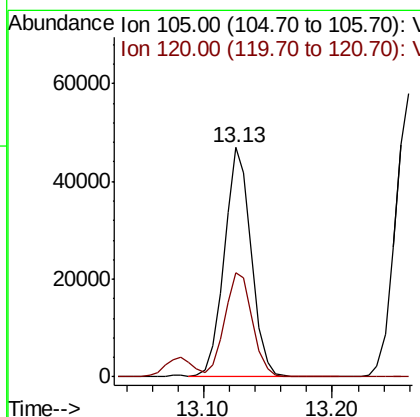
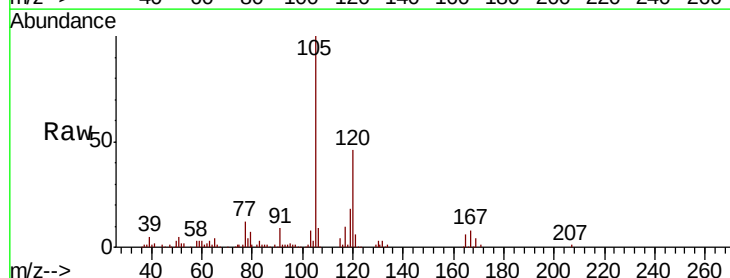
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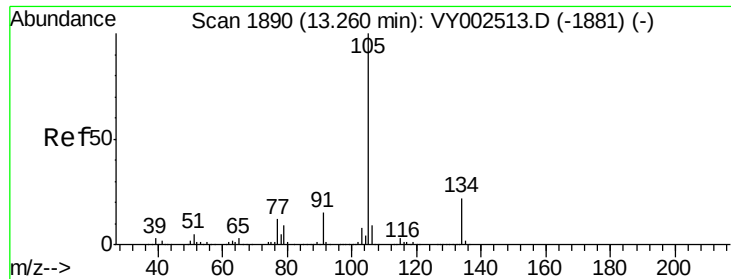
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.858 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion:105	Resp:	68705
Ion Ratio	Lower	Upper
105 100		
120 46.4	23.4	70.3





#85

sec-Butylbenzene

Concen: 4.982 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 86012

Ion Ratio Lower Upper

105 100

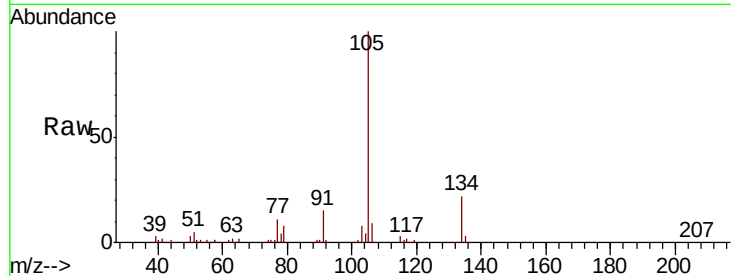
134 21.5 10.8 32.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.26

60000

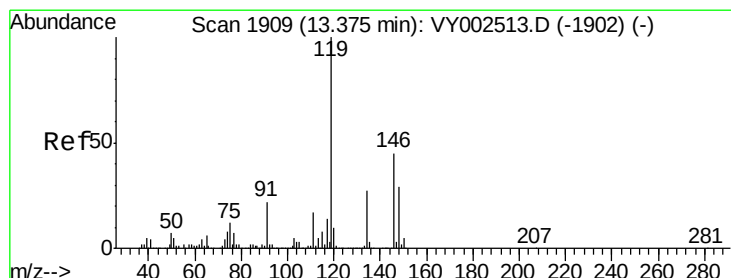
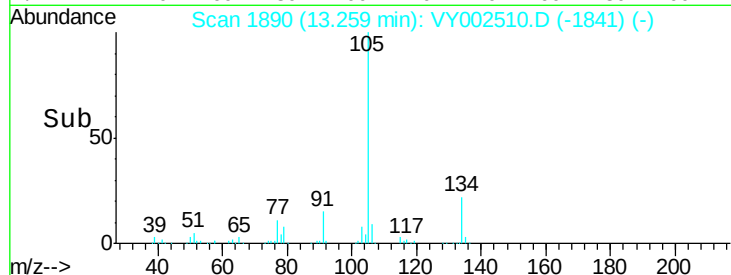
40000

20000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 4.962 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

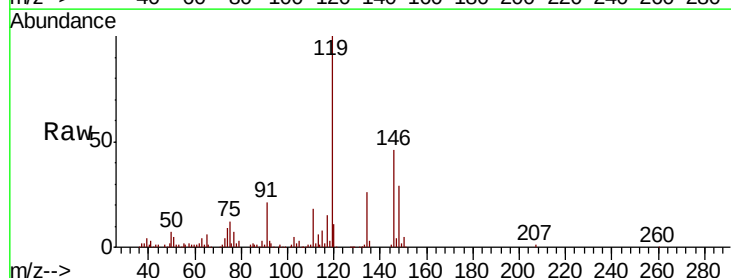
Tgt Ion:119 Resp: 80272

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

91 22.1 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.38

60000

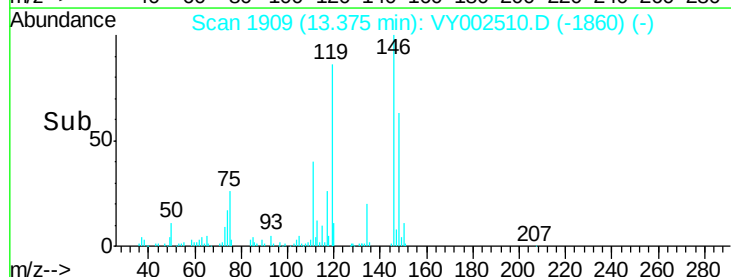
40000

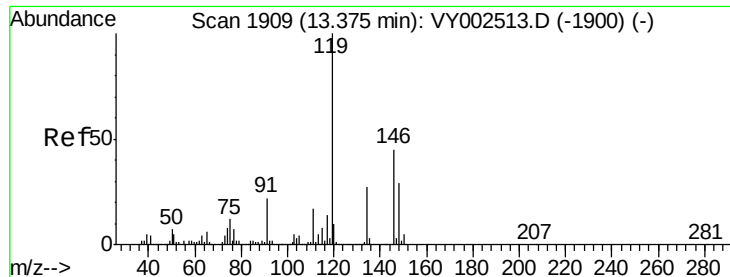
20000

0

13.30 13.35 13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 5.075 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY002510.D

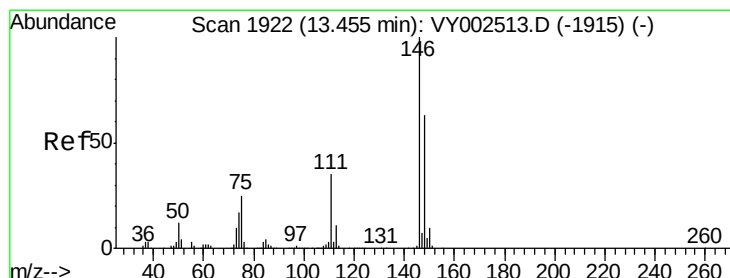
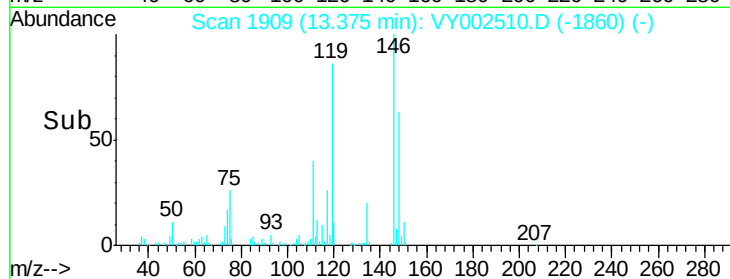
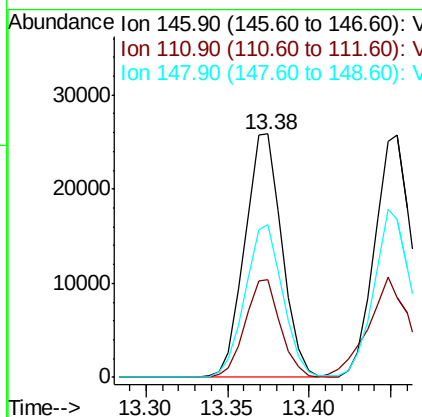
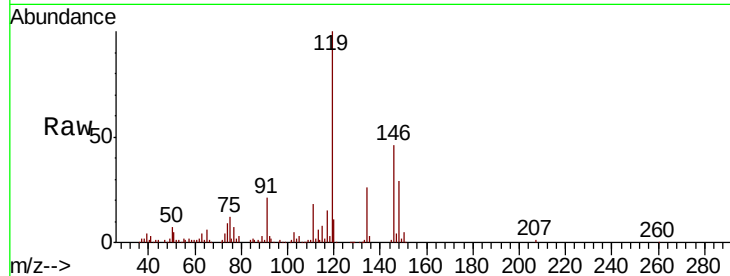
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.3
148	63.2	32.1	96.3

Manual Integrations
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5/5/2020 4:30:59 PM



#88

1,4-Dichlorobenzene

Concen: 5.061 ug/l

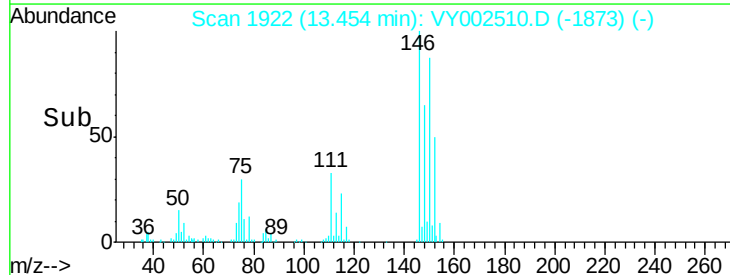
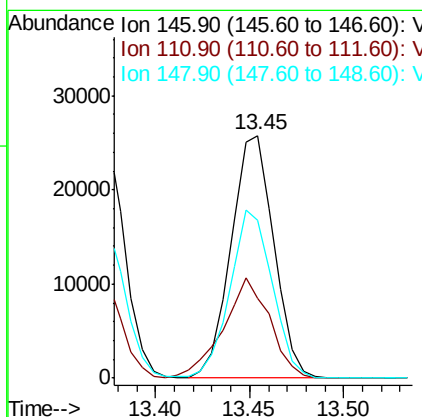
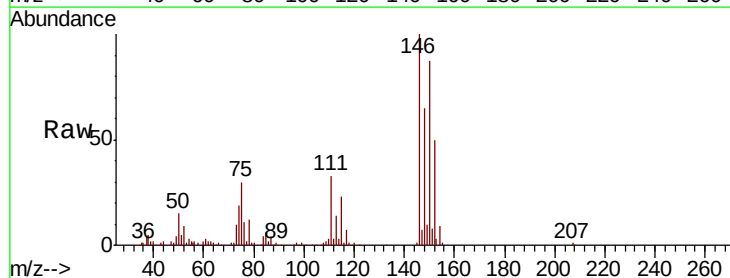
RT: 13.45 min Scan# 1922

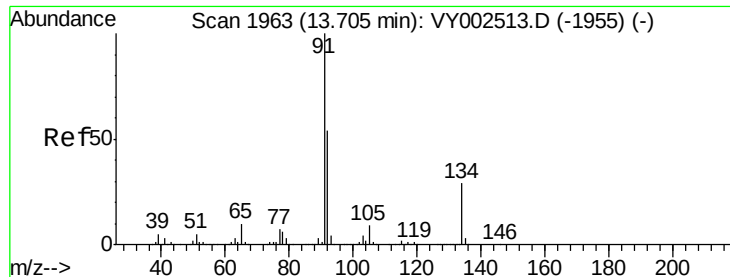
Delta R.T. -0.00 min

Lab File: VY002510.D

Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	18.1	54.1
148	68.8	31.9	95.5





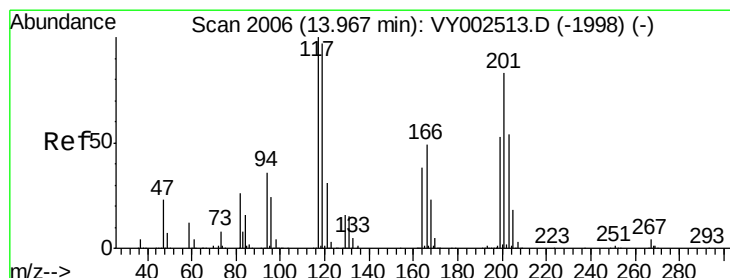
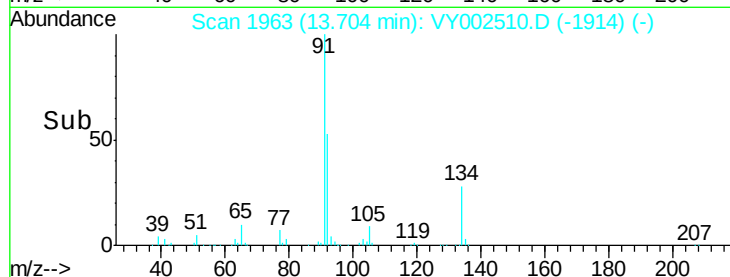
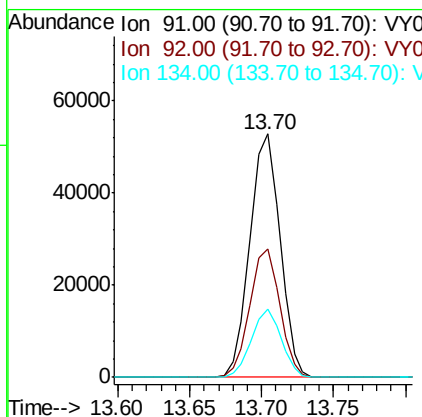
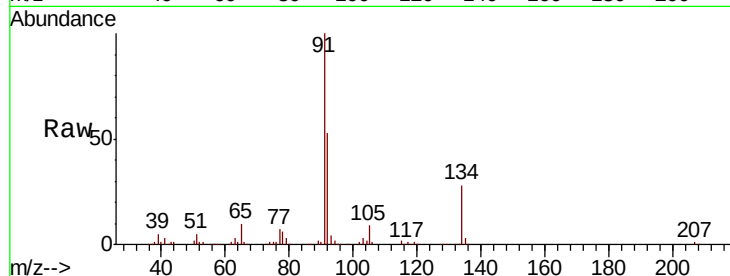
#89
n-Butylbenzene
Concen: 5.195 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	27.1	81.3
134	27.6	14.4	43.0

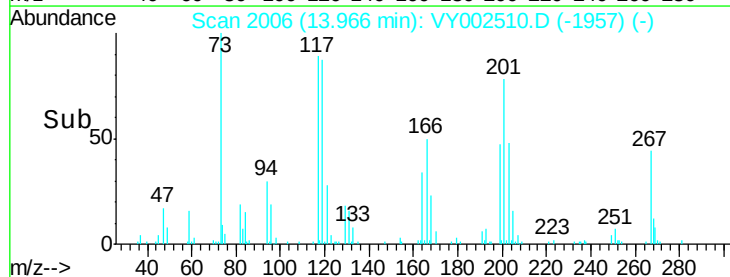
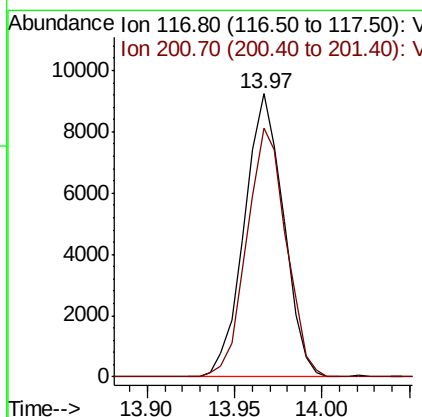
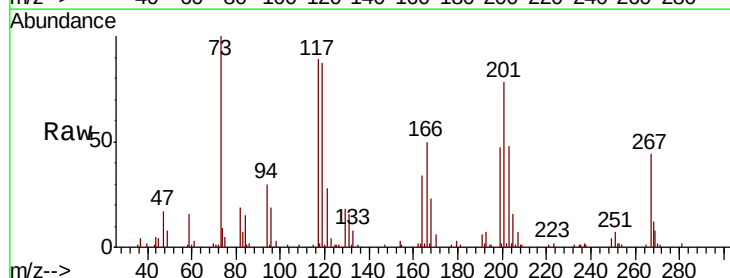
Manual Integrations
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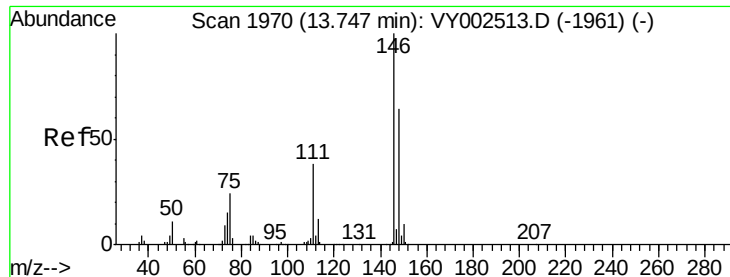
MMDadoda
5/5/2020 4:30:59 PM



#90
Hexachloroethane
Concen: 4.886 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	44.4	133.2





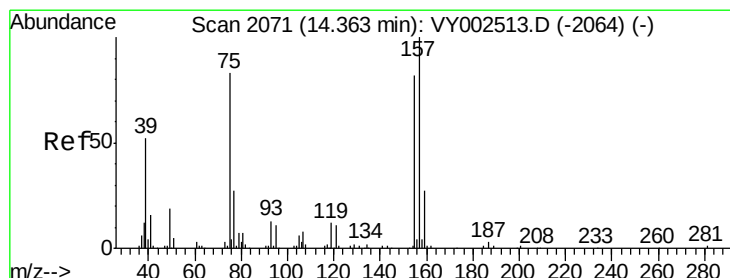
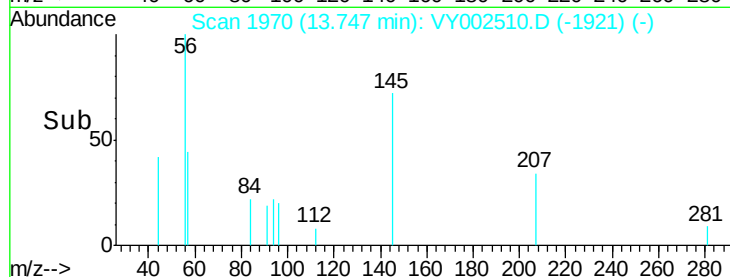
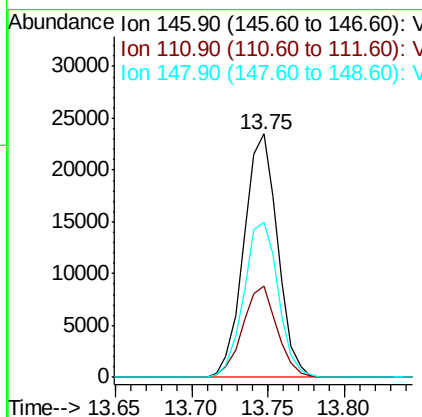
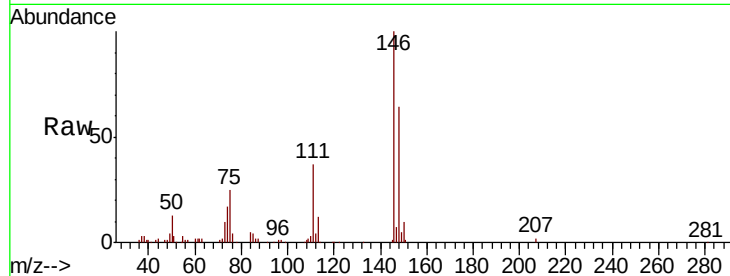
#91
 1,2-Dichlorobenzene
 Concen: 4.975 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	65.0	31.9	95.7

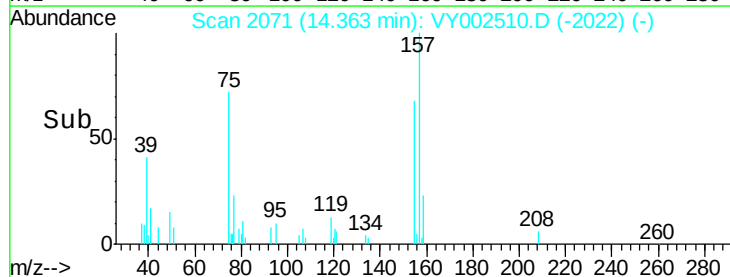
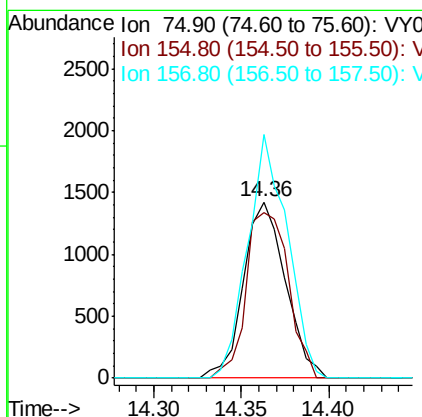
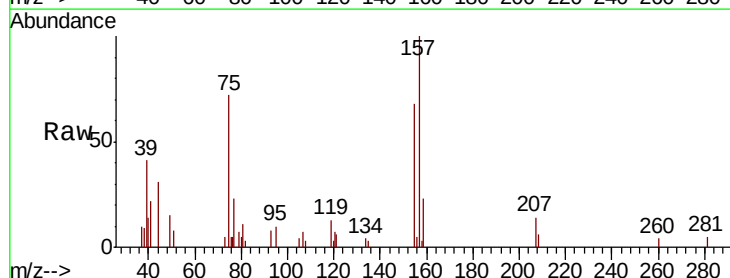
Manual Integrations
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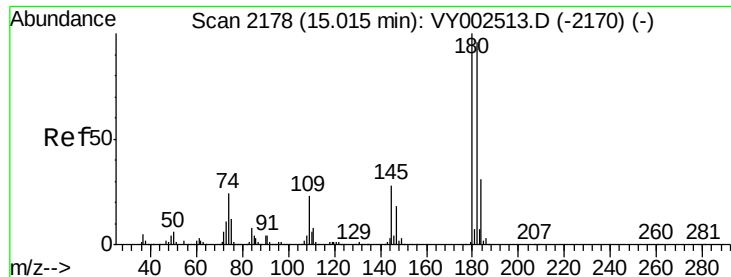
MMDadoda
 5/5/2020 4:30:59 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.691 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	51.3	153.9
157	130.1	65.0	195.0





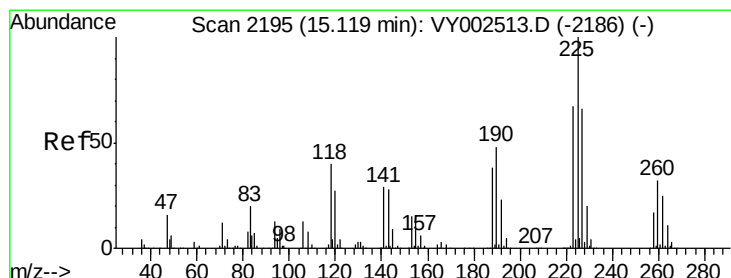
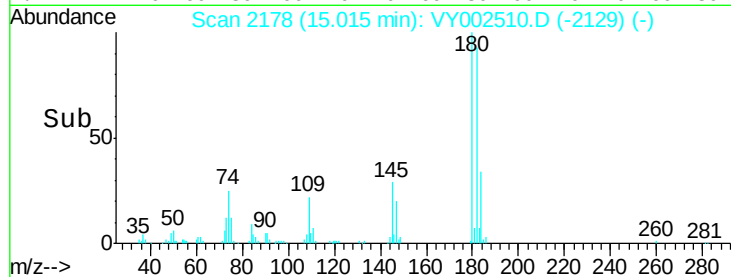
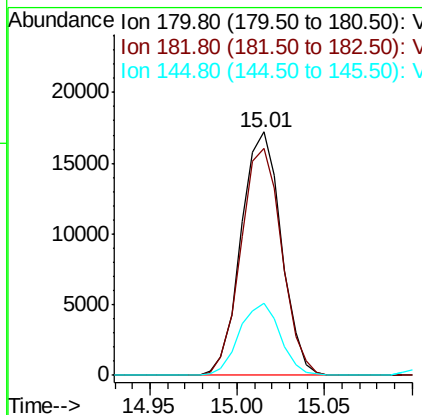
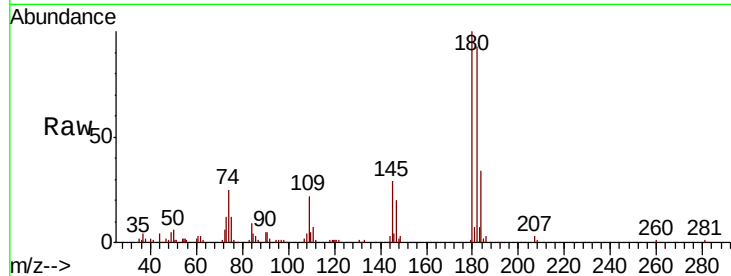
#93
 1,2,4-Trichlorobenzene
 Concen: 5.245 ug/l
 RT: 15.01 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	27508		
182	95.0		47.9	143.6
145	30.1		14.4	43.0

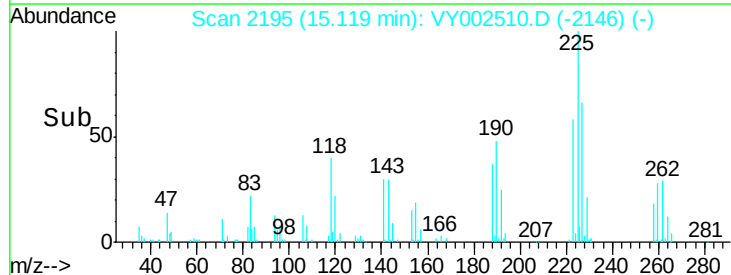
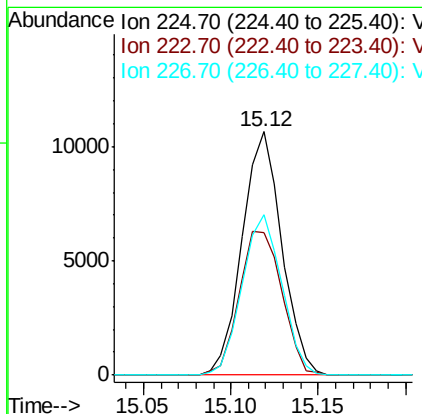
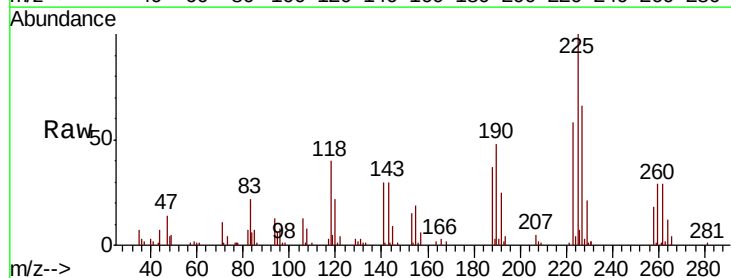
Manual Integrations
 APPROVED

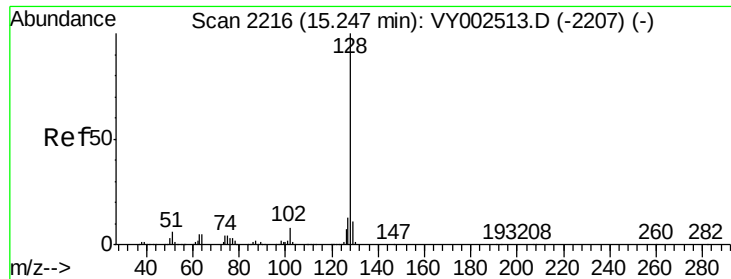
MMDadoda
 5/5/2020 4:30:59 PM



#94
 Hexachlorobutadiene
 Concen: 5.327 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VY002510.D
 Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	16770		
223	63.8		32.1	96.5
227	66.1		32.0	96.2





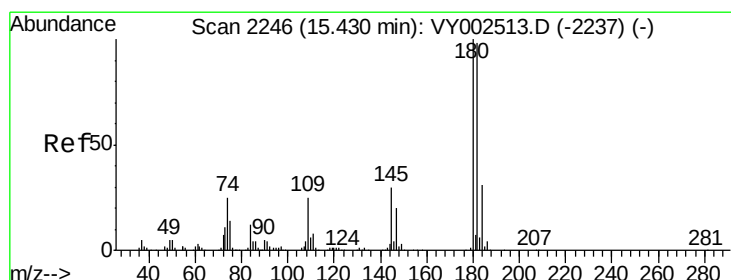
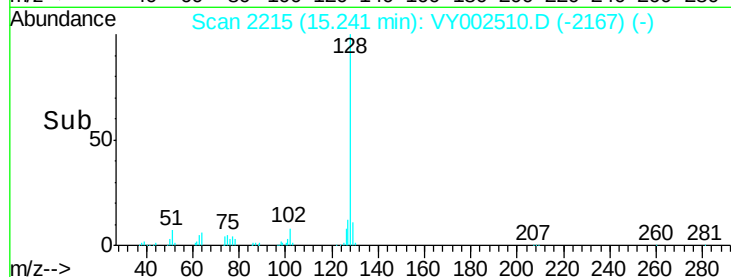
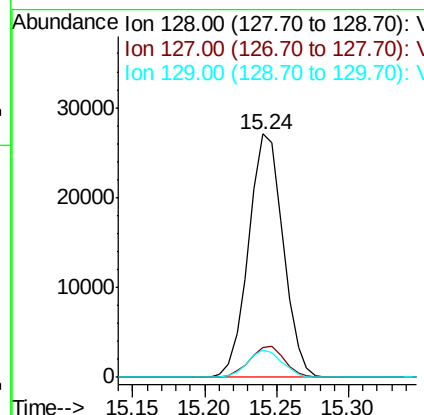
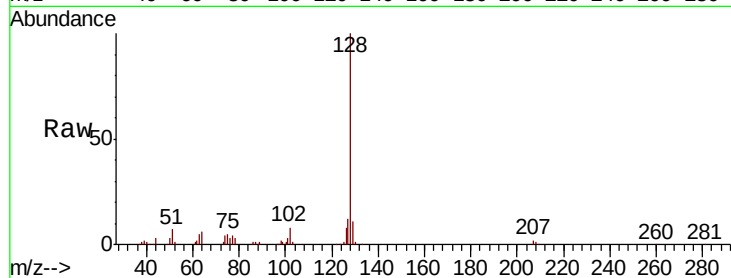
#95
Naphthalene
Concen: 4.686 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
5/5/2020 4:30:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.061 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VY002510.D
Acq: 30 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.9	143.8
145	31.0	15.0	45.1

