

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
 Data File : VY001485.D
 Acq On : 04 Feb 2020 14:21
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 12:23:46 PM

Quant Time: Feb 04 14:48:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 14:37:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	232825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	406962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	355183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	158726	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	238279	95.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.88%	
35) Dibromofluoromethane	7.74	113	232290	97.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.64%	
50) Toluene-d8	10.19	98	924223	100.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.70%	
62) 4-Bromofluorobenzene	12.49	95	332791	91.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	182.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	234806	122.136	ug/l	98
3) Chloromethane	2.13	50	237506	87.140	ug/l	97
4) Vinyl Chloride	2.26	62	252156	88.913	ug/l	99
5) Bromomethane	2.66	94	153865	80.721	ug/l	99
6) Chloroethane	2.80	64	149733	83.262	ug/l	96
7) Trichlorofluoromethane	3.14	101	408563	108.178	ug/l	100
8) Diethyl Ether	3.55	74	137466	89.580	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.92	101	245796	103.268	ug/l	99
10) Methyl Iodide	4.11	142	331469	106.426	ug/l	99
11) Tert butyl alcohol	4.99	59	117556	313.273	ug/l	100
12) 1,1-Dichloroethene	3.90	96	245390	98.829	ug/l	97
13) Acrolein	3.76	56	103057	473.887	ug/l	98
14) Allyl chloride	4.51	41	378501	87.833	ug/l	100
15) Acrylonitrile	5.20	53	303707	394.103	ug/l	100
16) Acetone	3.97	43	311650	429.196	ug/l	100
17) Carbon Disulfide	4.22	76	790860	100.934	ug/l	99
18) Methyl Acetate	4.51	43	135771	66.965	ug/l	98
19) Methyl tert-butyl Ether	5.25	73	637248	89.565	ug/l	100
20) Methylene Chloride	4.75	84	262446	68.035	ug/l	94
21) trans-1,2-Dichloroethene	5.25	96	273735	95.792	ug/l	99
22) Diisopropyl ether	6.15	45	746133	82.158	ug/l	99
23) Vinyl Acetate	6.10	43	2365100	403.739	ug/l	98
24) 1,1-Dichloroethane	6.05	63	446389	91.611	ug/l	98
25) 2-Butanone	7.02	43	409435	384.284	ug/l	98
26) 2,2-Dichloropropane	7.01	77	409457	93.359	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	297706	93.765	ug/l	100
28) Bromochloromethane	7.36	49	169759	86.349	ug/l	99
29) Tetrahydrofuran	7.37	42	247098	360.955	ug/l	99
30) Chloroform	7.54	83	455922	94.660	ug/l	99
31) Cyclohexane	7.81	56	436390	89.691	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	414569	100.970	ug/l	100
36) 1,1-Dichloropropene	7.94	75	366055	94.926	ug/l	100
37) Ethyl Acetate	7.10	43	170759	75.744	ug/l	98
38) Carbon Tetrachloride	7.93	117	361535	103.830	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	488737	98.527	ug/l	97
40) Benzene	8.18	78	1050003	91.693	ug/l	99
41) Methacrylonitrile	7.34	41	85632m	74.394	ug/l	
42) 1,2-Dichloroethane	8.26	62	289714	91.082	ug/l	100
43) Isopropyl Acetate	8.29	43	342729	78.165	ug/l	99
44) Trichloroethene	8.96	130	282726	95.326	ug/l	99
45) 1,2-Dichloropropane	9.23	63	255182	89.013	ug/l	97
46) Dibromomethane	9.32	93	141074	91.079	ug/l	99
47) Bromodichloromethane	9.51	83	353845	94.906	ug/l	98
48) Methyl methacrylate	9.31	41	155287	77.613	ug/l	99
49) 1,4-Dioxane	9.32	88	36415	1693.085	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	825866	367.326	ug/l	99
52) Toluene	10.25	92	663857	91.514	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	381399	93.098	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	436779	92.488	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	202717	89.278	ug/l	99
56) Ethyl methacrylate	10.52	69	287550	84.485	ug/l	100
57) 1,3-Dichloropropane	10.80	76	352375	88.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	515199	423.362	ug/l	99
59) 2-Hexanone	10.84	43	602588	383.265	ug/l	100
60) Dibromochloromethane	10.99	129	243801	94.852	ug/l	100
61) 1,2-Dibromoethane	11.10	107	199610	92.481	ug/l	98
64) Tetrachloroethene	10.72	164	224476	97.508	ug/l	97
65) Chlorobenzene	11.52	112	697473	93.354	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	239179	93.795	ug/l	99
67) Ethyl Benzene	11.60	91	1255143	91.251	ug/l	98
68) m/p-Xylenes	11.71	106	936479	182.418	ug/l	100
69) o-Xylene	12.03	106	443759	89.965	ug/l	98
70) Styrene	12.05	104	767219	88.962	ug/l	100
71) Bromoform	12.21	173	136364	90.441	ug/l #	97
73) Isopropylbenzene	12.33	105	1224107	97.559	ug/l	100
74) N-amyl acetate	12.14	43	312887	79.396	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	231128	88.332	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	171815m	91.464	ug/l	
77) Bromobenzene	12.61	156	261379	94.384	ug/l	97
78) n-propylbenzene	12.67	91	1442876	95.841	ug/l	100
79) 2-Chlorotoluene	12.76	91	830233	96.411	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1009014	96.329	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	88358	89.161	ug/l	96
82) 4-Chlorotoluene	12.86	91	864020	94.280	ug/l	100
83) tert-Butylbenzene	13.08	119	858412	97.196	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	983315	93.602	ug/l	99
85) sec-Butylbenzene	13.25	105	1204843	96.309	ug/l	100
86) p-Isopropyltoluene	13.37	119	1030646	93.310	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	481268	90.669	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	492897	91.399	ug/l	99
89) n-Butylbenzene	13.70	91	1032123	93.147	ug/l	99
90) Hexachloroethane	13.96	117	207693	99.207	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	447086	91.499	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	39026	85.572	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	296349	89.983	ug/l	99
94) Hexachlorobutadiene	15.11	225	150946	93.591	ug/l	99
95) Naphthalene	15.23	128	673466	90.104	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	263916	91.750	ug/l	98

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

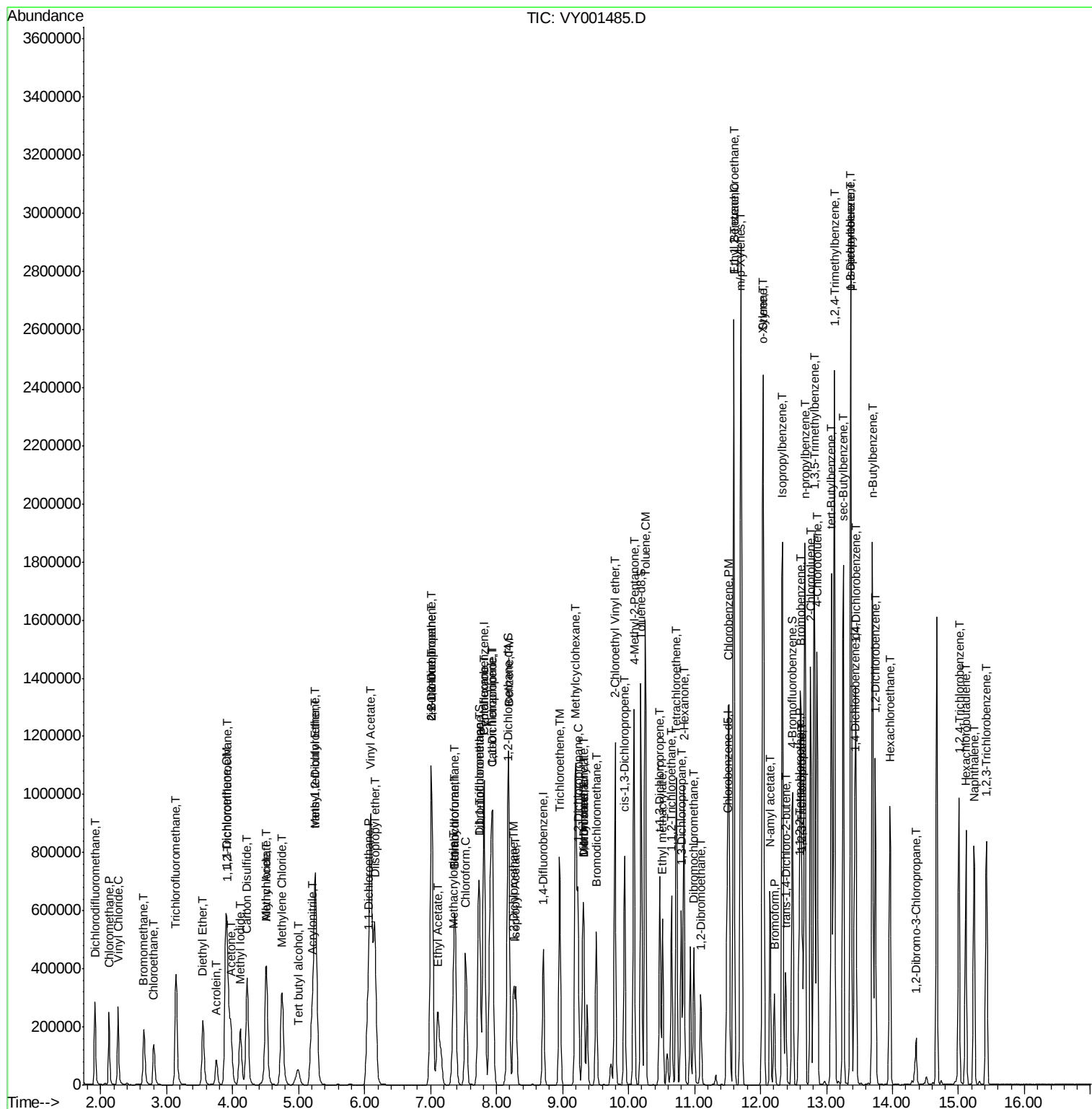
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020420\
Data File : VY001485.D
Acq On : 04 Feb 2020 14:21
Operator : SY/MD
Sample : VSTDIC100
Misc : 5.00G/5ML/MSVOA Y/SOIL
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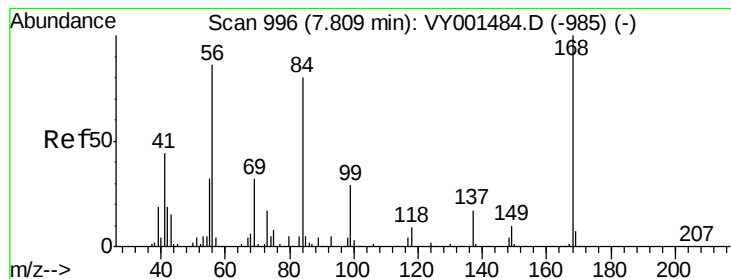
Instrument :
MSVOA_Y
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 232825

Ion Ratio Lower Upper

168 100

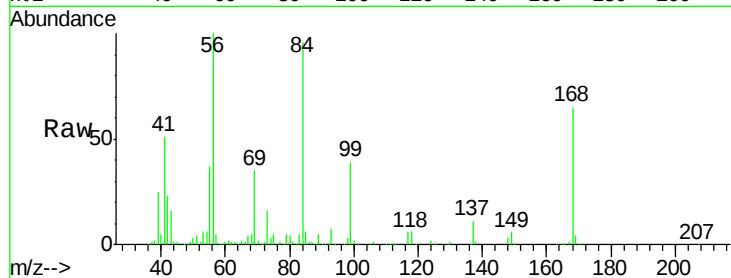
99 59.5 48.2 72.4

Manual Integrations

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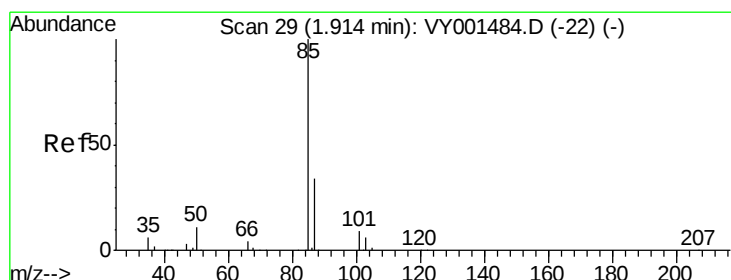
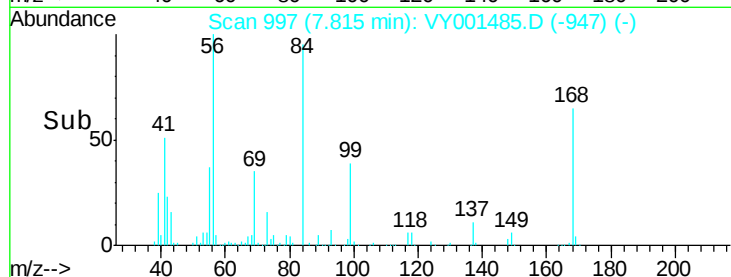
Abundance Ion 167.90 (167.60 to 168.60): VY001484.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY001484.D (-985) (-)

7.82

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 122.136 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY001485.D

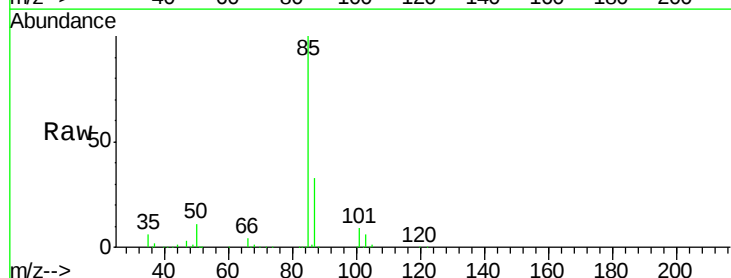
Acq: 04 Feb 2020 14:21

Tgt Ion: 85 Resp: 234806

Ion Ratio Lower Upper

85 100

87 32.9 17.0 50.9



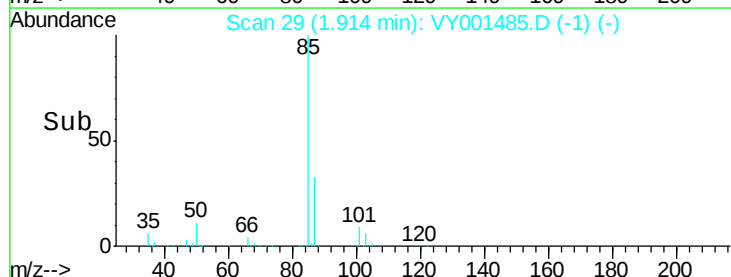
Abundance Ion 84.90 (84.60 to 85.60): VY001484.D (-22) (-)

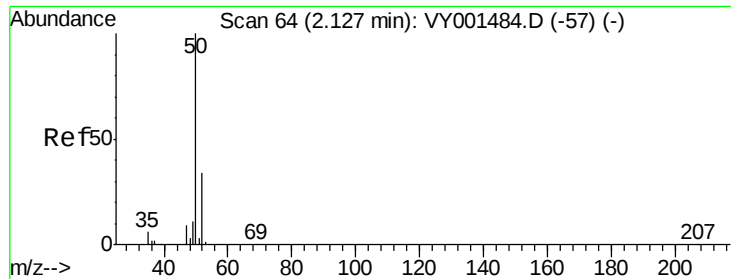
Ion 86.90 (86.60 to 87.60): VY001484.D (-22) (-)

1.91

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 87.140 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 237506

Ion Ratio Lower Upper

50 100

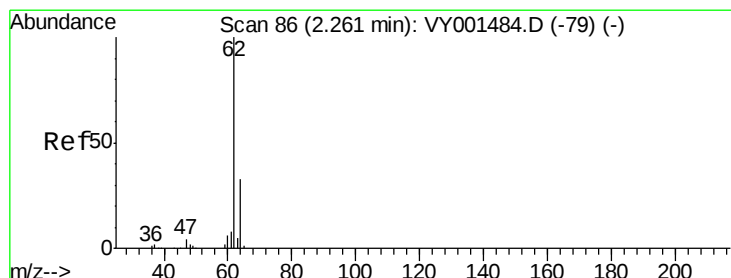
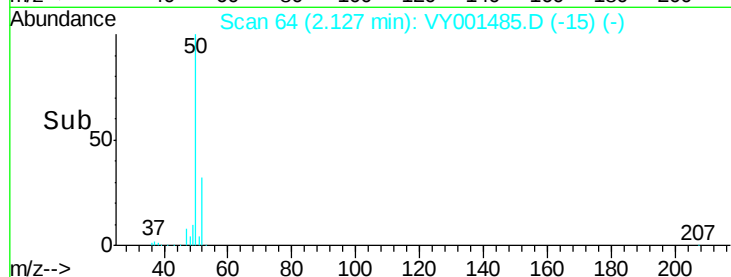
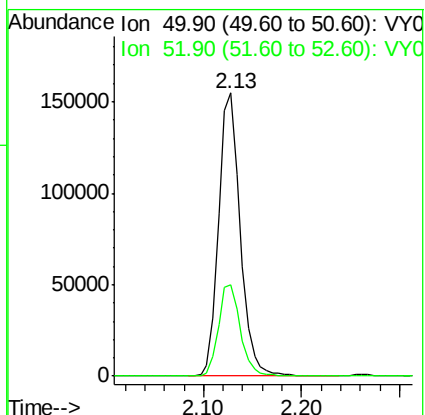
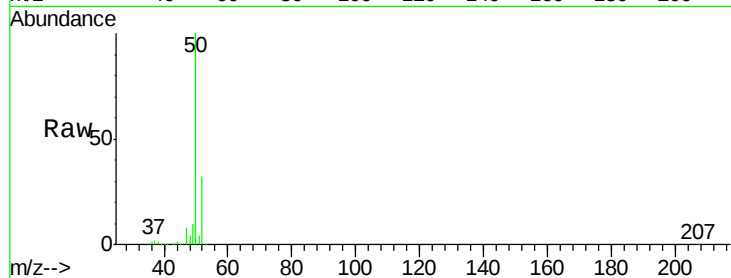
52 32.3 27.3 40.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 88.913 ug/l

RT: 2.26 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY001485.D

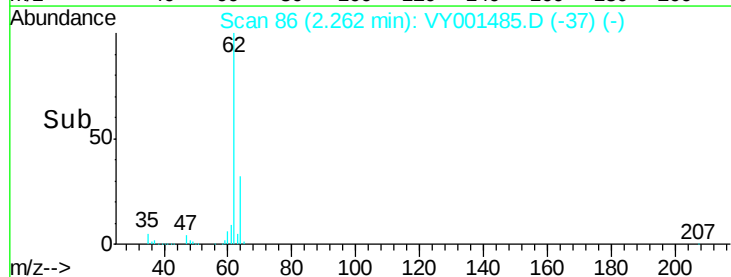
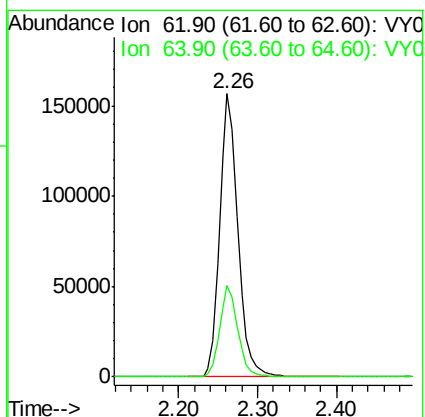
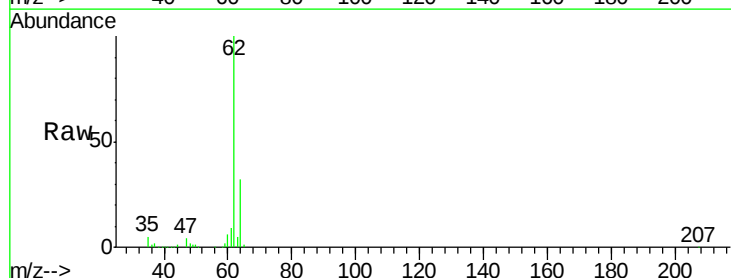
Acq: 04 Feb 2020 14:21

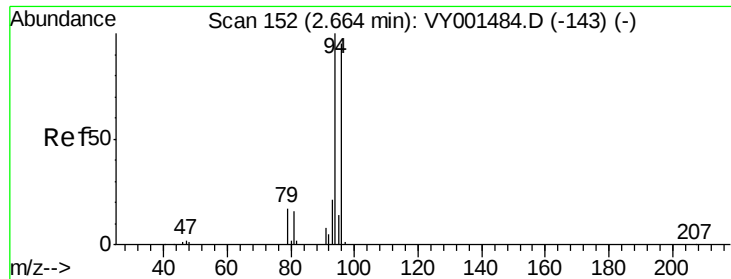
Tgt Ion: 62 Resp: 252156

Ion Ratio Lower Upper

62 100

64 32.5 26.4 39.6





#5

Bromomethane

Concen: 80.721 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

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ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 153865

Ion Ratio Lower Upper

94 100

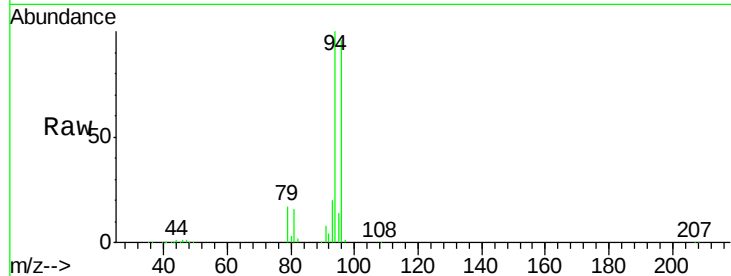
96 96.0 76.2 114.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

60000

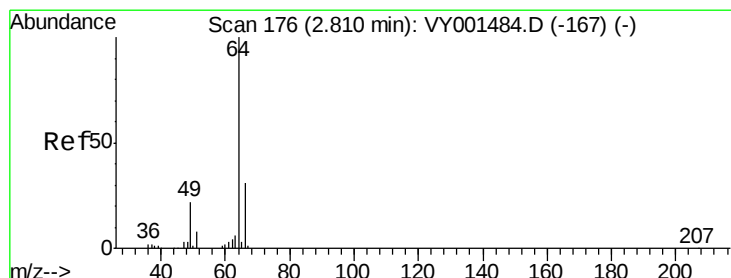
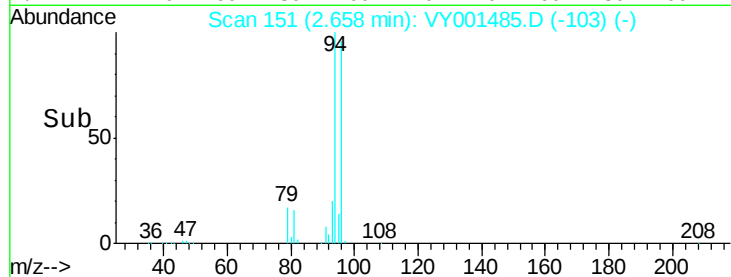
40000

20000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 83.262 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.01 min

Lab File: VY001485.D

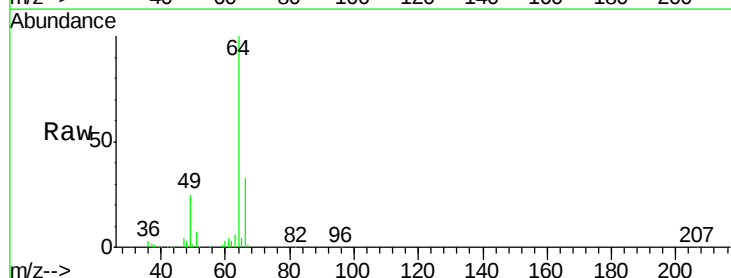
Acq: 04 Feb 2020 14:21

Tgt Ion: 64 Resp: 149733

Ion Ratio Lower Upper

64 100

66 32.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

80000

60000

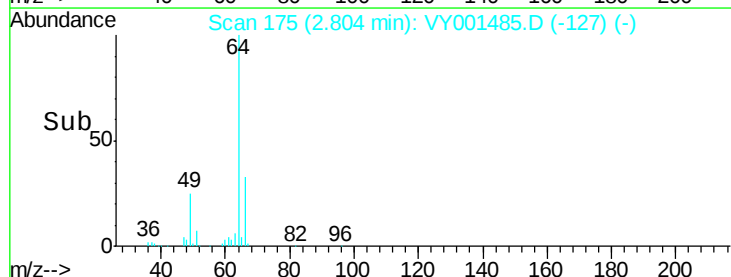
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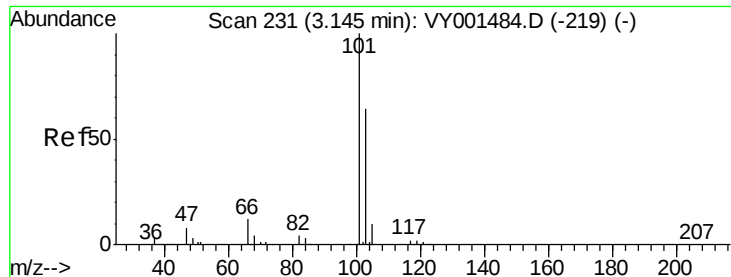
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Time-->

2.70 2.80 2.90 3.00





#7

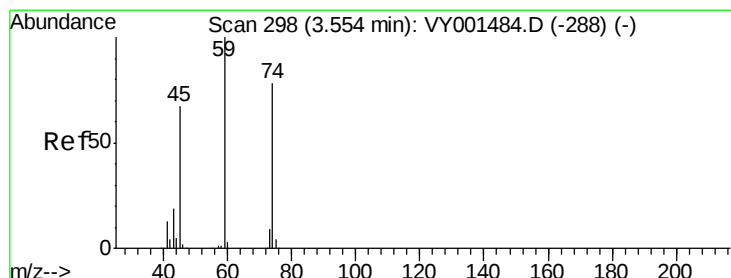
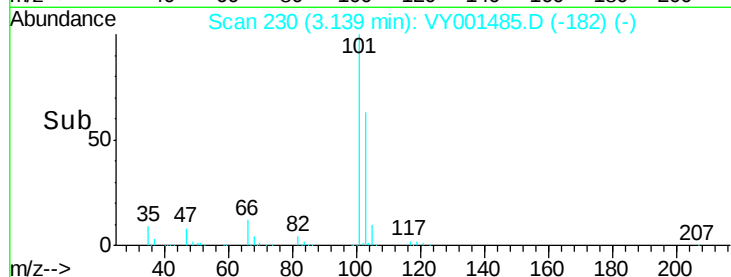
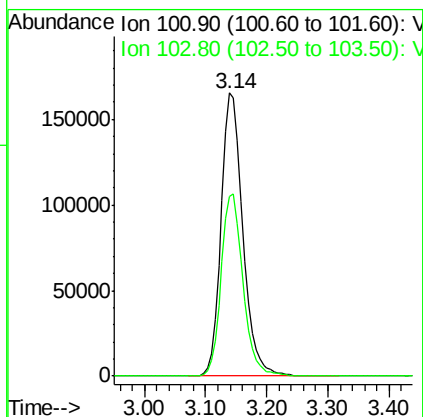
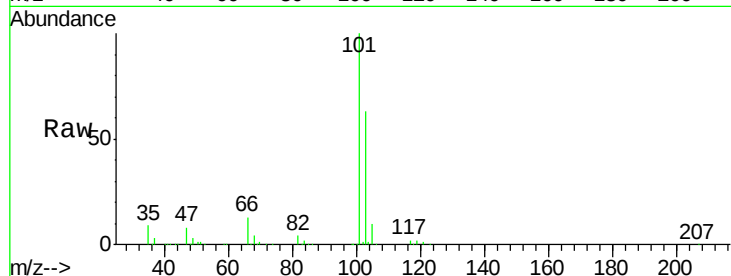
Trichlorofluoromethane
Concen: 108.178 ug/l
RT: 3.14 min Scan# 230
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	408563		
103	63.5	50.9	76.3	

Manual Integrations
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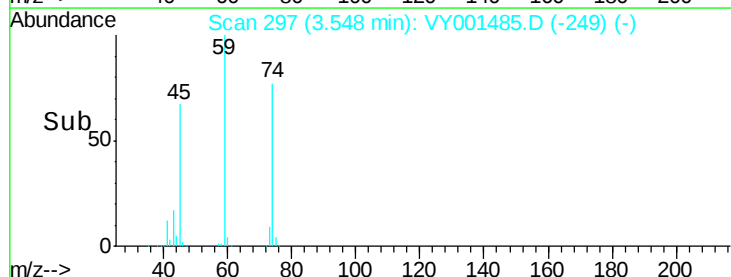
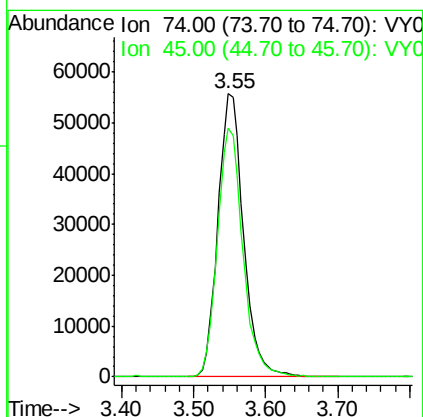
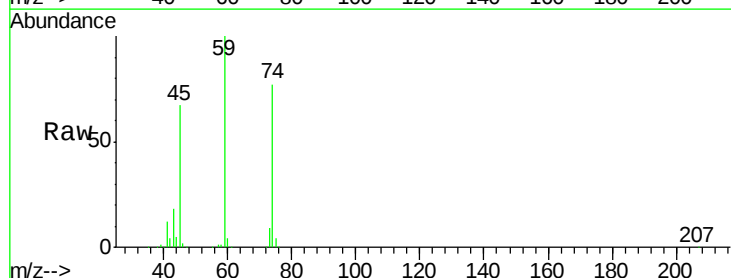
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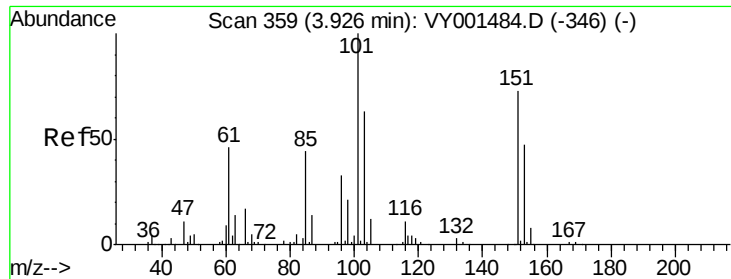


#8

Diethyl Ether
Concen: 89.580 ug/l
RT: 3.55 min Scan# 297
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	137466		
45	88.2	44.5	133.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.268 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY001485.D

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MSVOA_Y

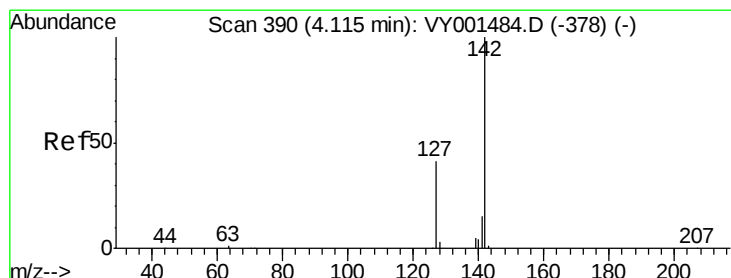
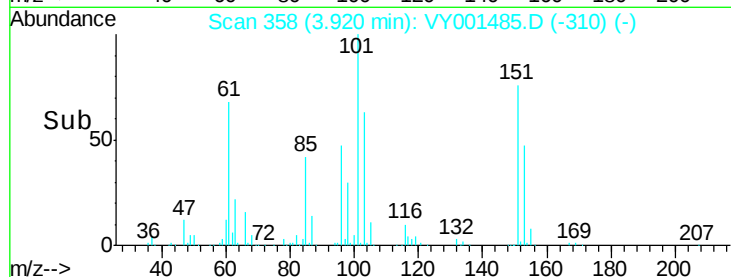
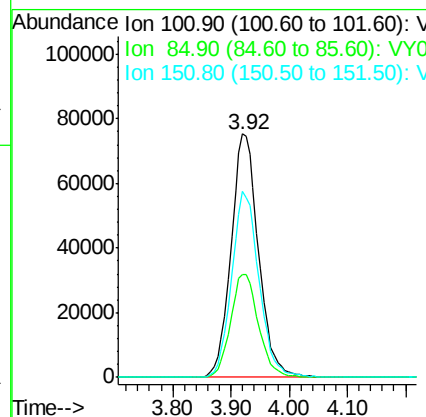
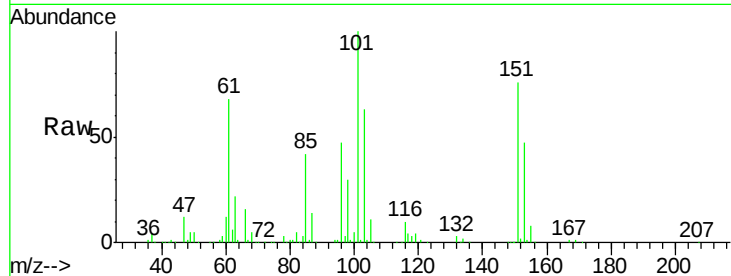
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	245796
Ion Ratio	Lower	Upper	
101	100		
85	43.1	34.6	51.8
151	76.2	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 106.426 ug/l

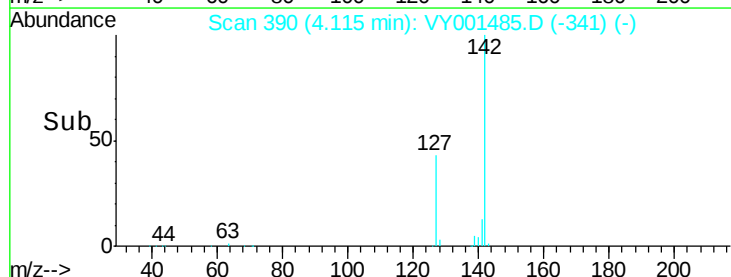
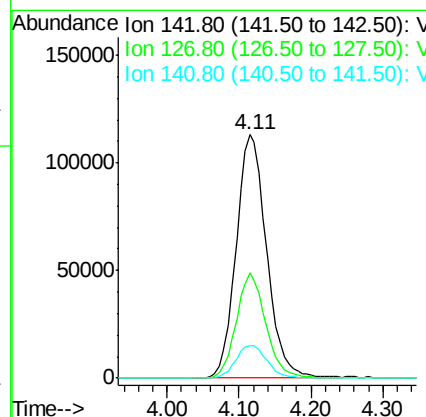
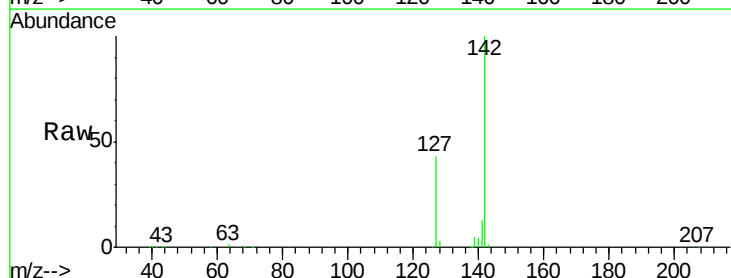
RT: 4.11 min Scan# 390

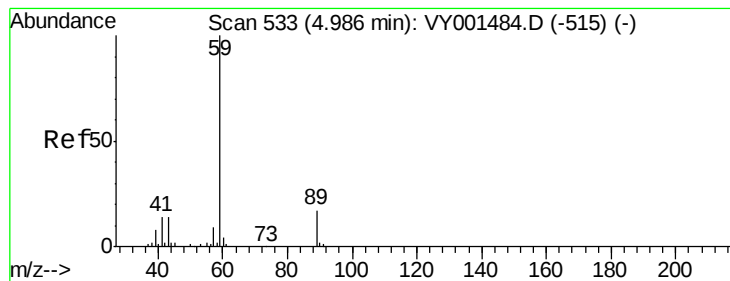
Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Tgt Ion:	142	Resp:	331469
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.3	49.9
141	14.0	11.5	17.3





#11

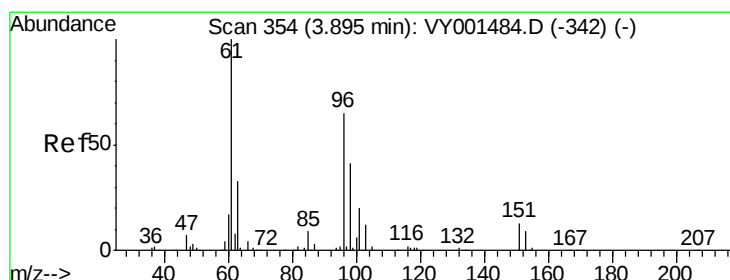
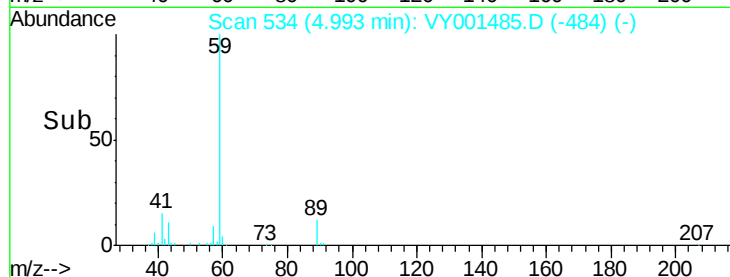
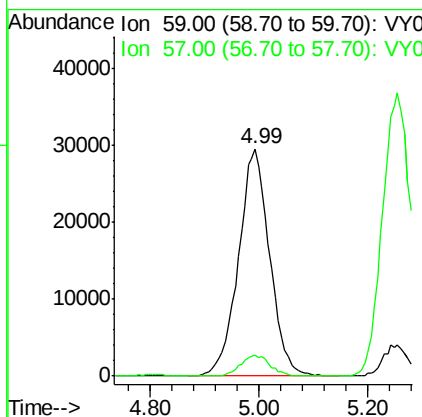
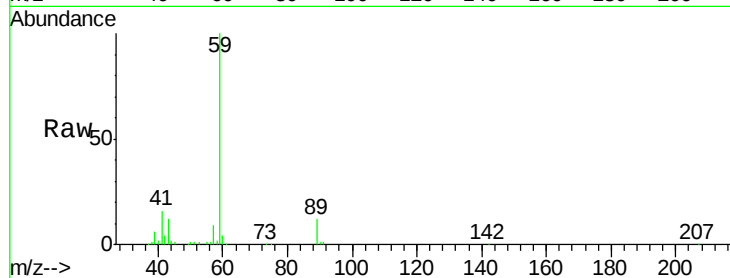
Tert butyl alcohol
Concen: 313.273 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	59	Resp	117556
Ion Ratio	100	Lower	Upper
57	8.9	7.0	10.6

Manual Integrations
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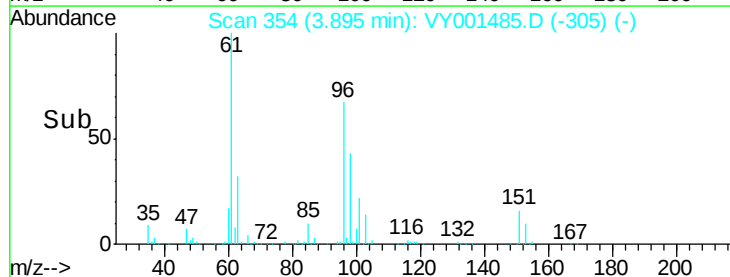
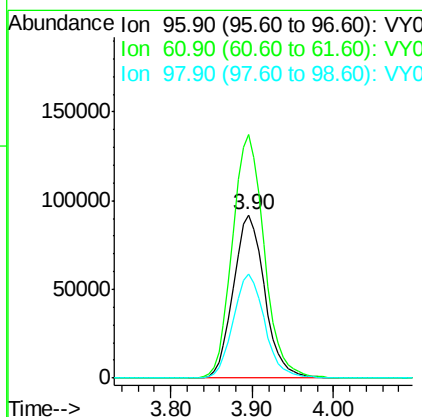
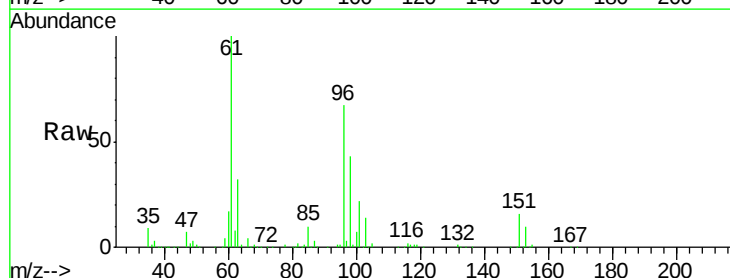
MMDadoda
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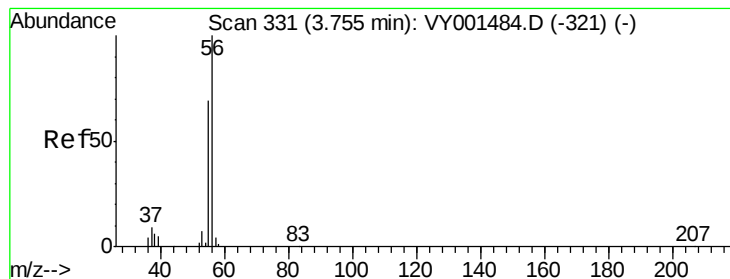


#12

1,1-Dichloroethene
Concen: 98.829 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	96	Resp	245390
Ion Ratio	100	Lower	Upper
61	149.1	122.3	183.5
98	63.9	49.7	74.5





#13

Acrolein

Concen: 473.887 ug/l

RT: 3.76 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 103057

Ion Ratio Lower Upper

56 100

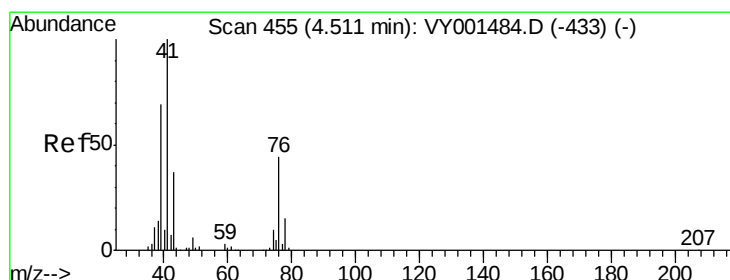
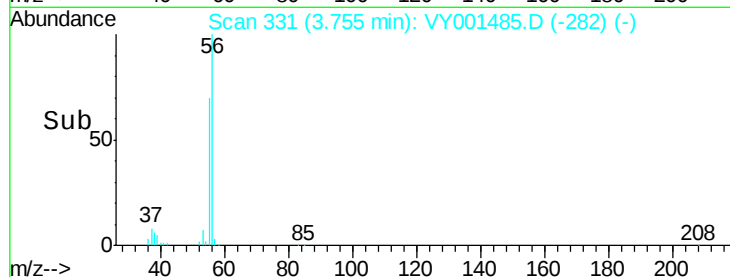
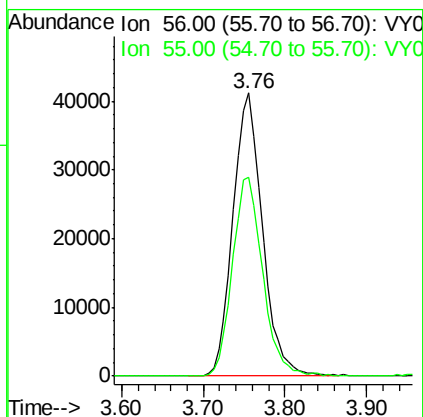
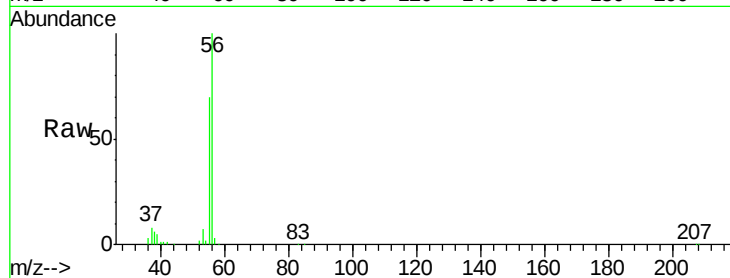
55 71.9 56.2 84.4

Manual Integrations

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#14

Allyl chloride

Concen: 87.833 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

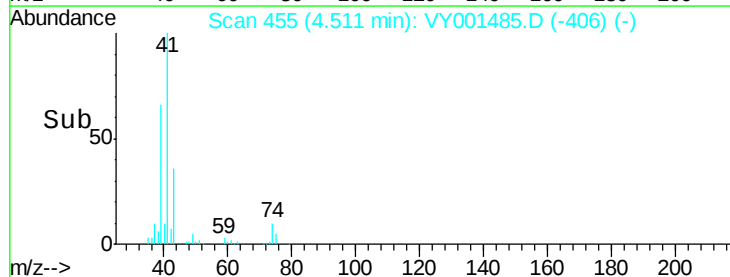
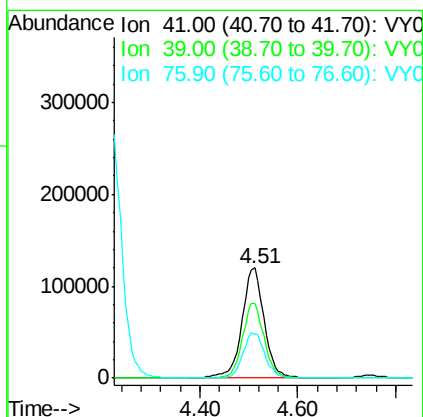
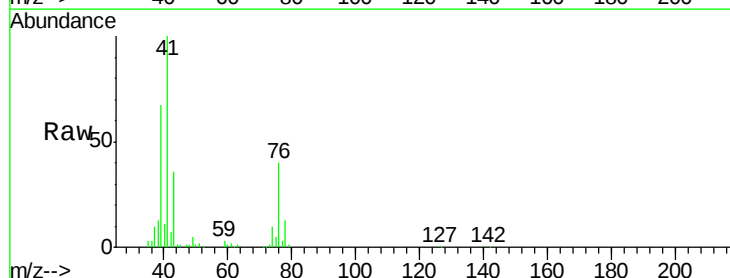
Tgt Ion: 41 Resp: 378501

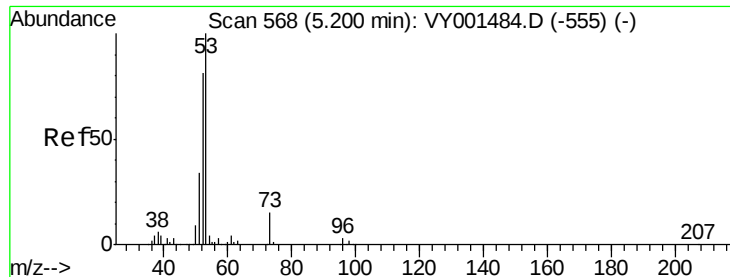
Ion Ratio Lower Upper

41 100

39 66.1 53.0 79.6

76 40.2 32.6 48.8





#15

Acrylonitrile

Concen: 394.103 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

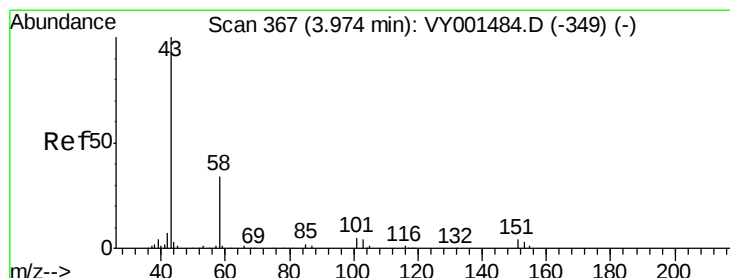
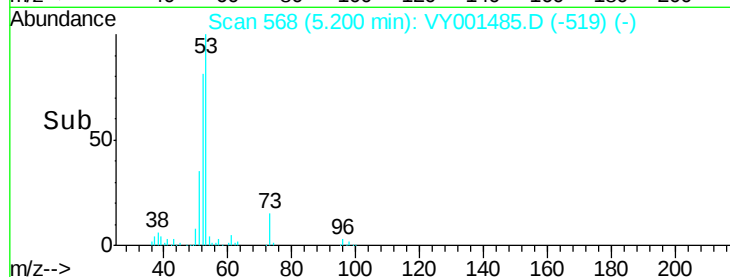
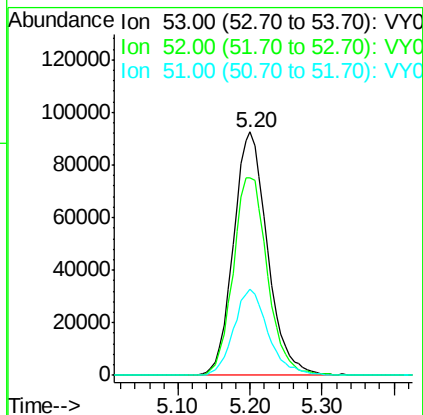
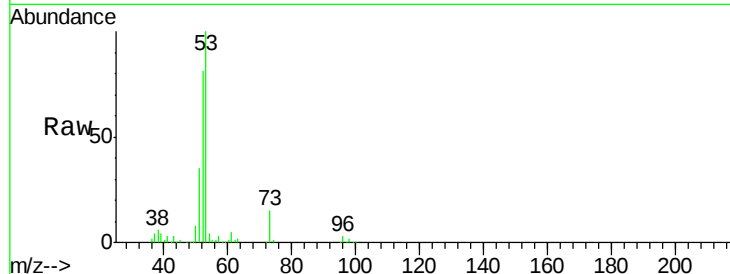
ClientSampleId :

VSTDIC100

Tot Ion:	53	Resp:	303707
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.4	98.2
51	35.8	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 429.196 ug/l

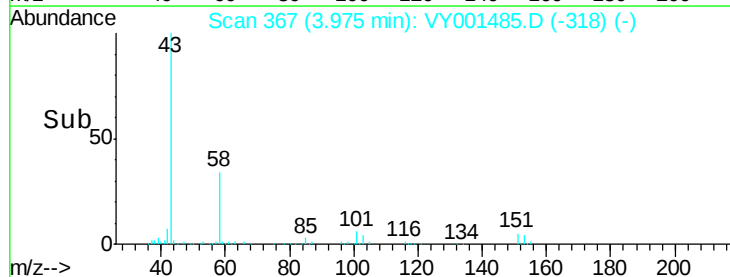
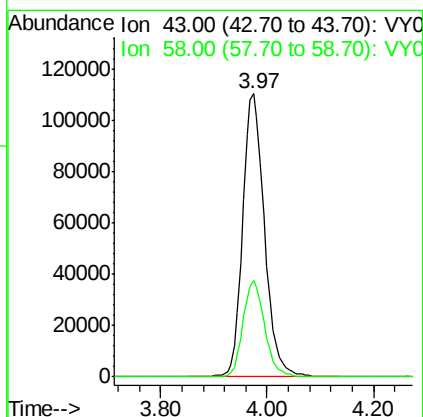
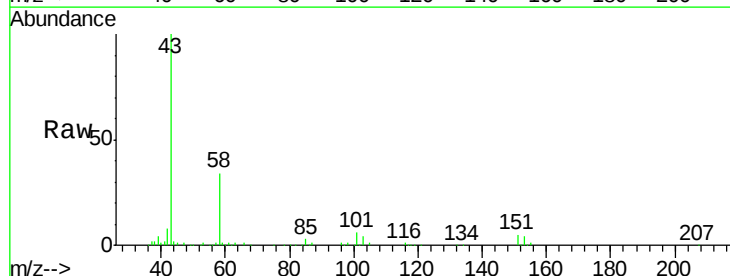
RT: 3.97 min Scan# 367

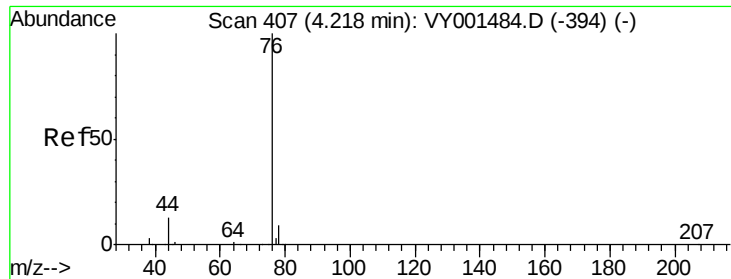
Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Tgt Ion:	43	Resp:	311650
Ion	Ratio	Lower	Upper
43	100		
58	34.3	27.5	41.3





#17

Carbon Disulfide

Concen: 100.934 ug/l

RT: 4.22 min Scan# 407

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 790860

Ion Ratio Lower Upper

76 100

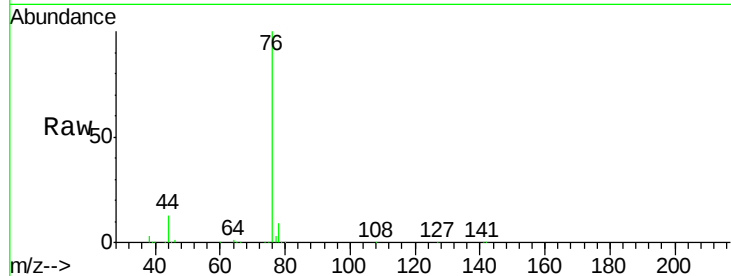
78 9.2 7.0 10.6

Manual Integrations

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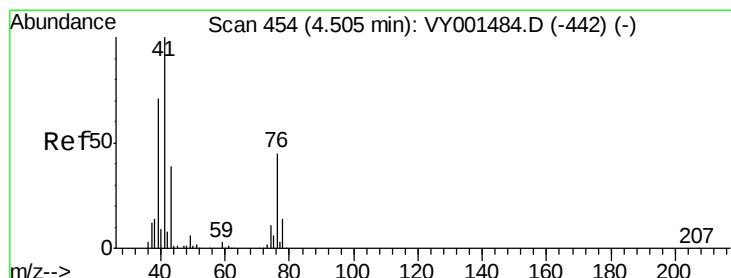
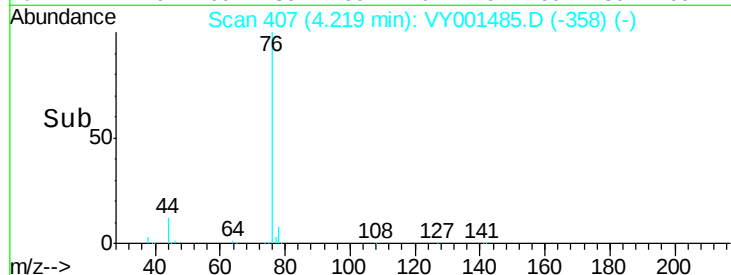
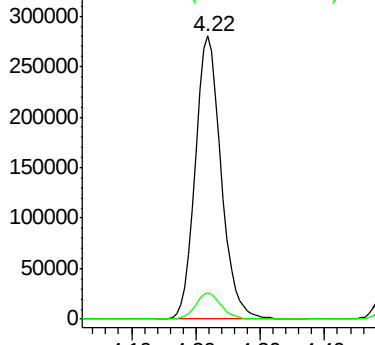
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 66.965 ug/l

RT: 4.51 min Scan# 454

Delta R.T. 0.00 min

Lab File: VY001485.D

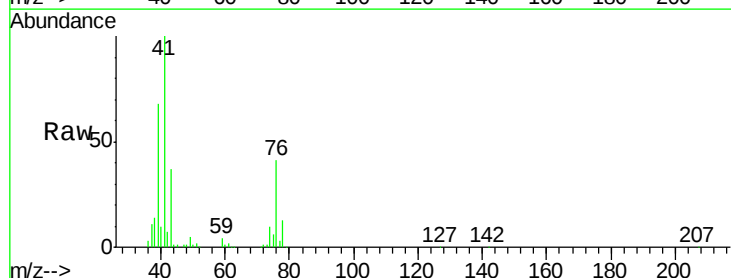
Acq: 04 Feb 2020 14:21

Tgt Ion: 43 Resp: 135771

Ion Ratio Lower Upper

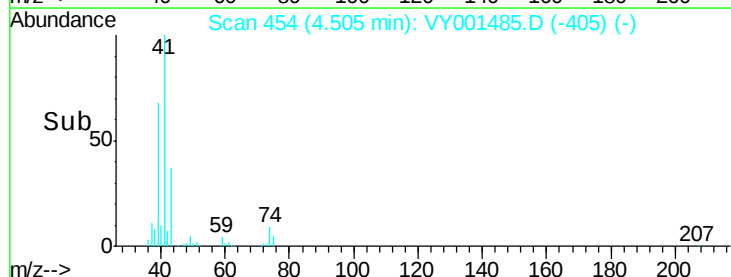
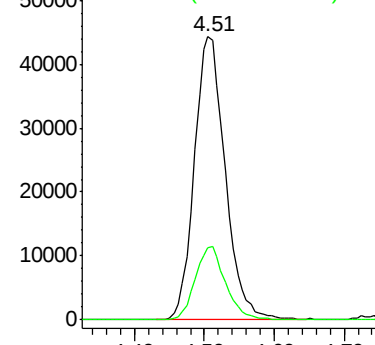
43 100

74 25.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





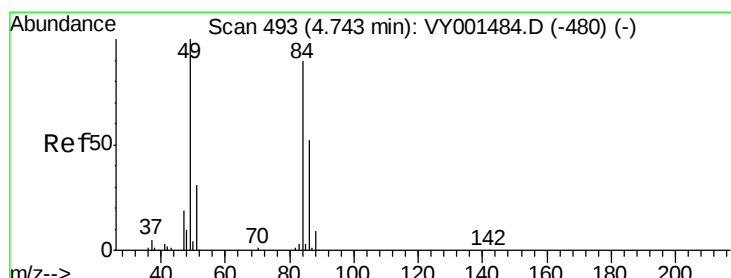
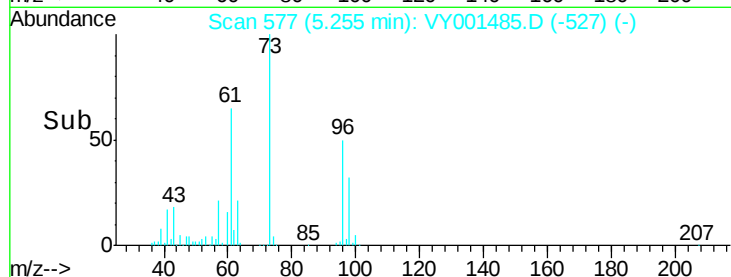
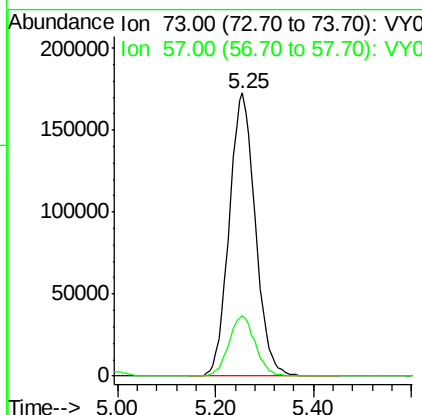
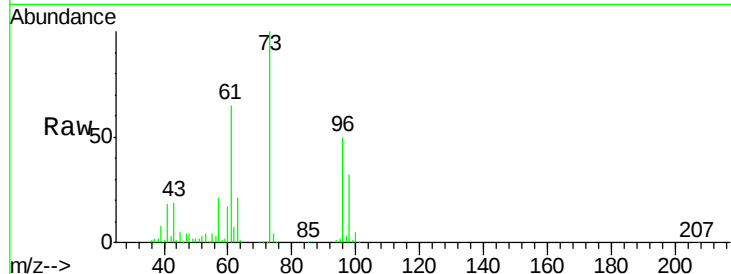
#19
Methvl tert-butvl Ether
Concen: 89.565 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 73 Resp: 637248
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6

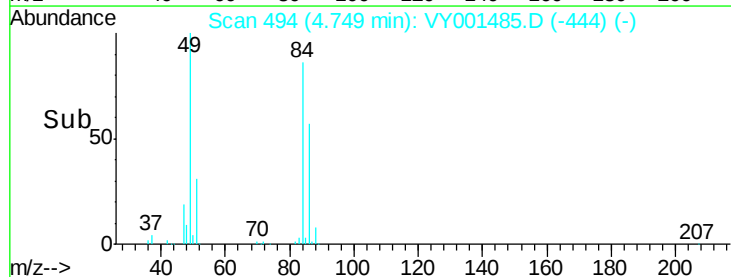
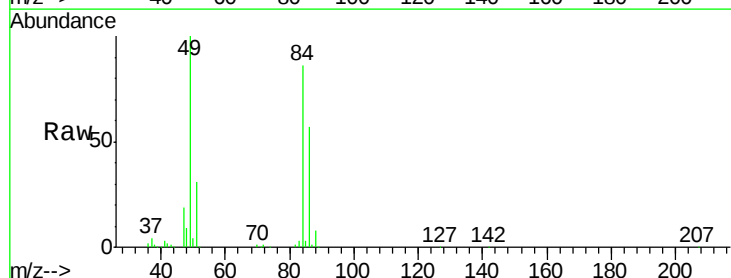
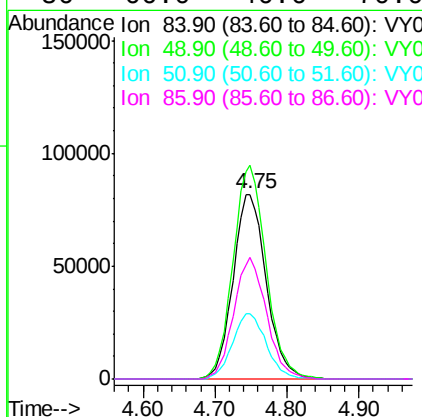
Manual Integrations
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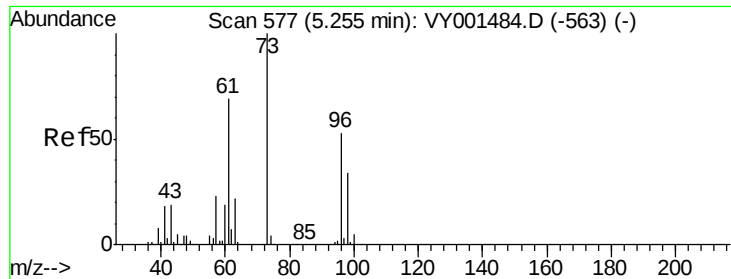
MMDadoda
2/5/2020 12:23:46 PM



#20
Methylene Chloride
Concen: 68.035 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion: 84 Resp: 262446
Ion Ratio Lower Upper
84 100
49 115.8 89.0 133.6
51 35.5 27.4 41.2
86 66.0 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 95.792 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

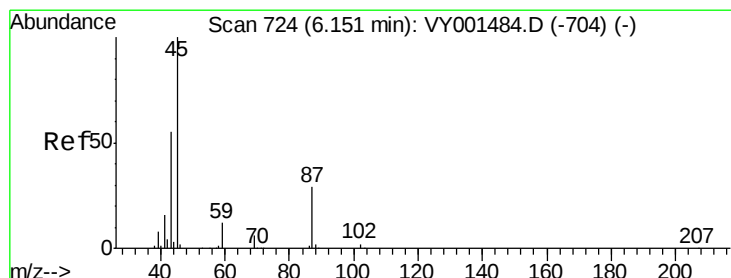
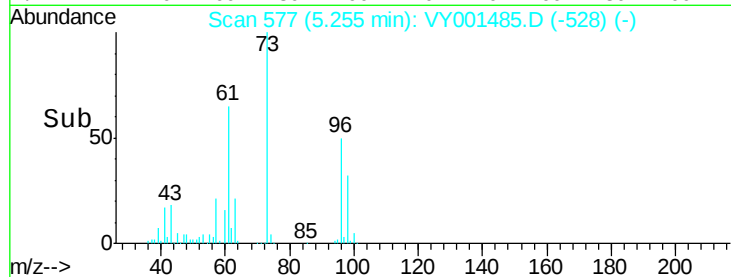
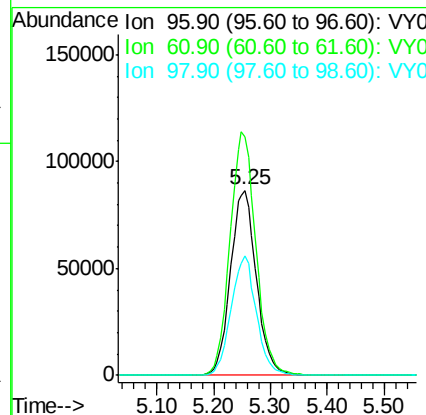
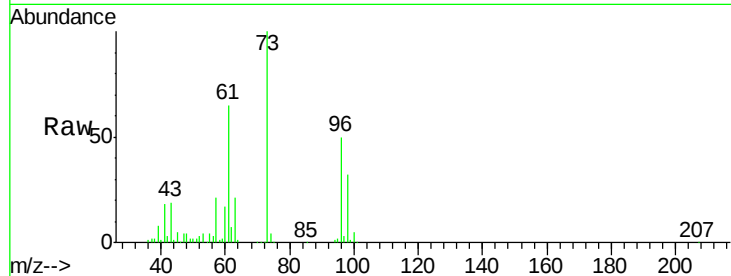
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	273735
Ion	Ratio	Lower	Upper
96	100		
61	129.3	104.2	156.4
98	64.8	51.4	77.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 82.158 ug/l

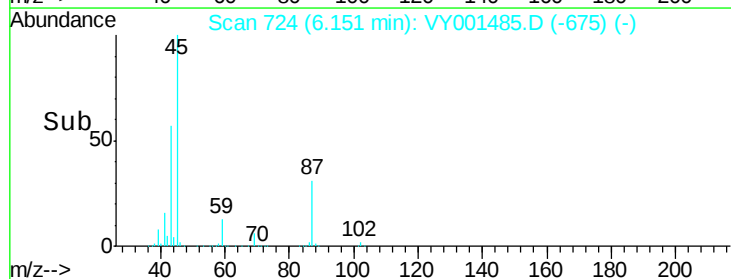
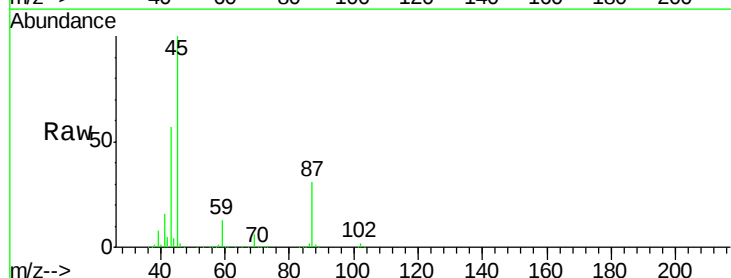
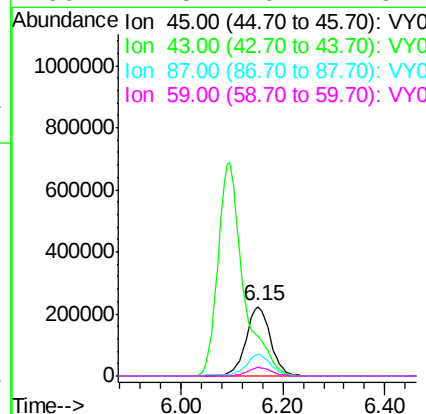
RT: 6.15 min Scan# 724

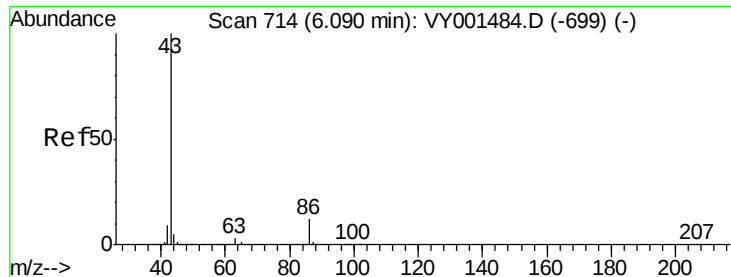
Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Tgt Ion:	45	Resp:	746133
Ion	Ratio	Lower	Upper
45	100		
43	56.4	44.2	66.4
87	30.9	23.9	35.9
59	12.8	10.2	15.2





#23

Vinyl Acetate

Concen: 403.739 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 2365100

Ion Ratio Lower Upper

43 100

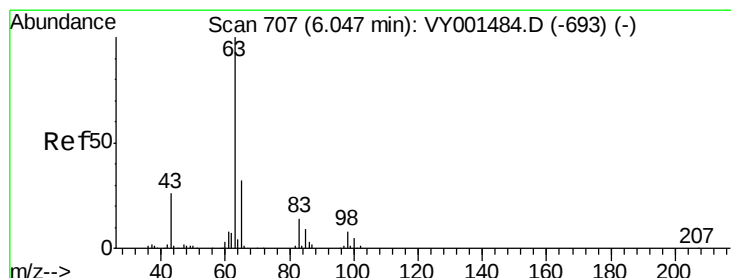
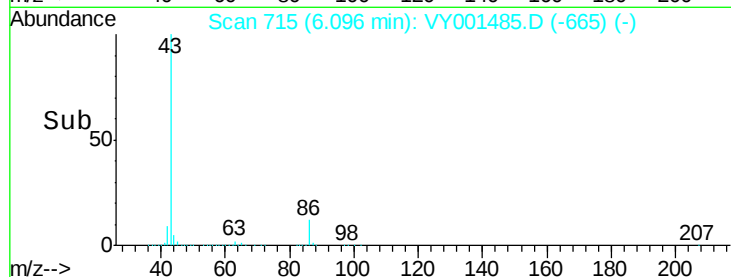
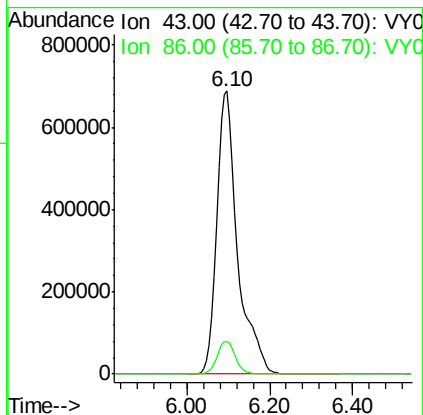
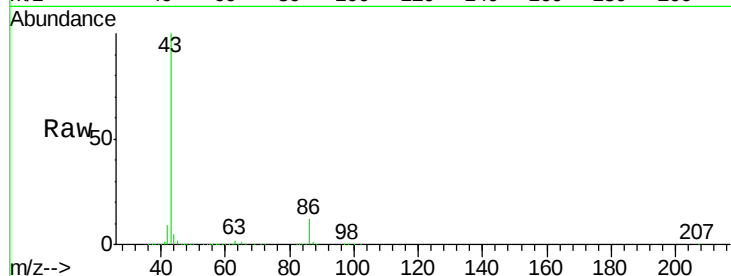
86 11.6 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 91.611 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

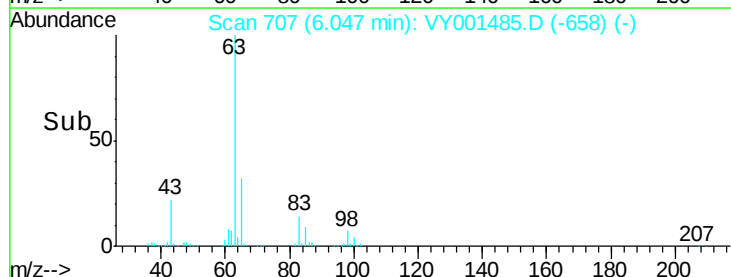
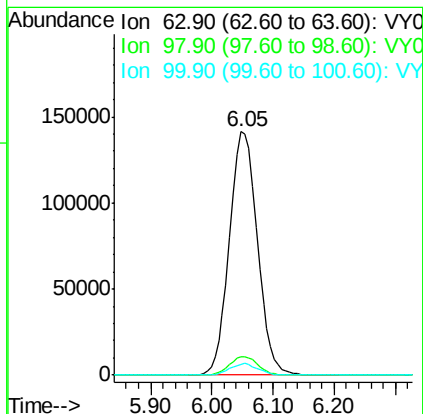
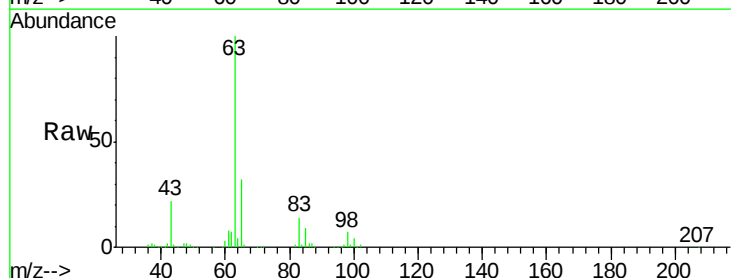
Tgt Ion: 63 Resp: 446389

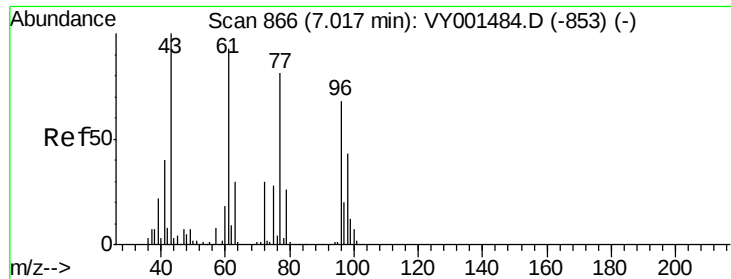
Ion Ratio Lower Upper

63 100

98 7.4 4.0 11.9

100 4.5 2.6 8.0





#25

2-Butanone

Concen: 384.284 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 409435

Ion Ratio Lower Upper

43 100

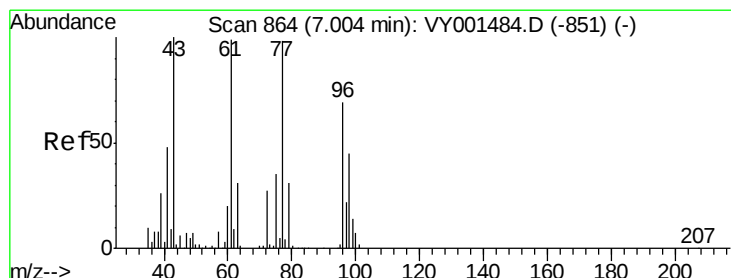
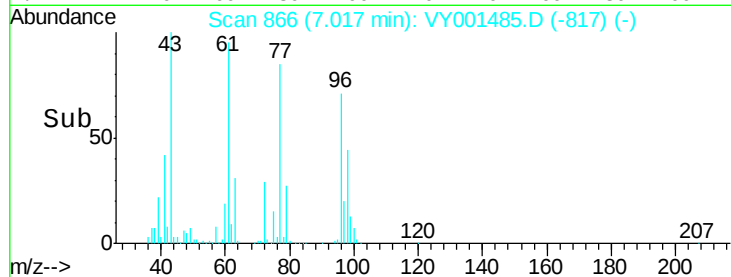
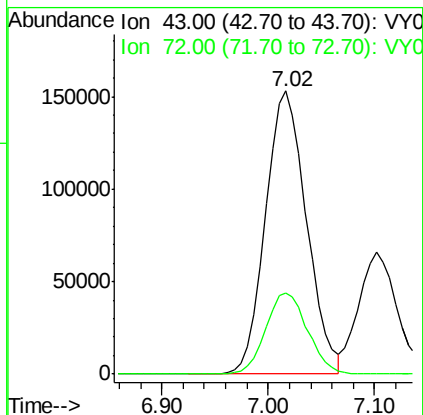
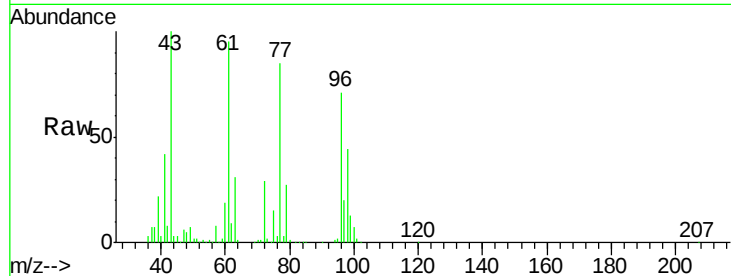
72 28.6 23.8 35.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 93.359 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY001485.D

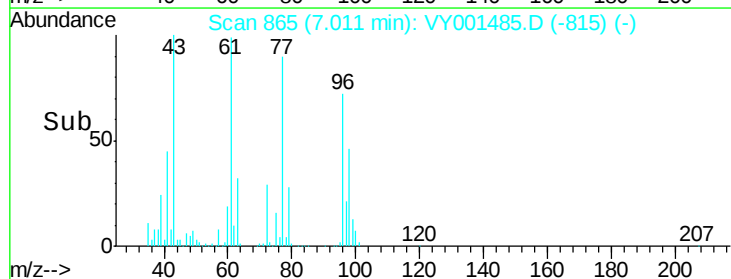
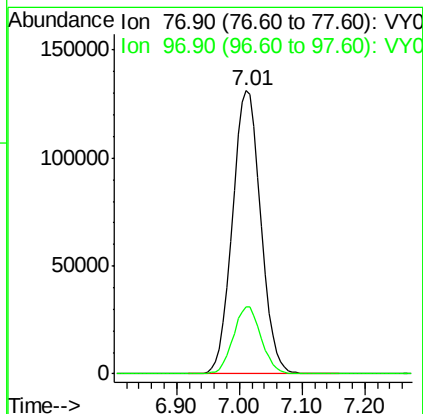
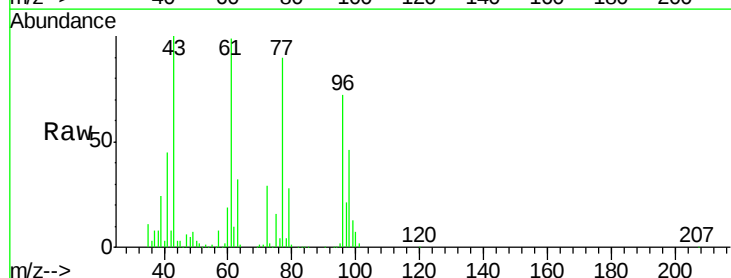
Acq: 04 Feb 2020 14:21

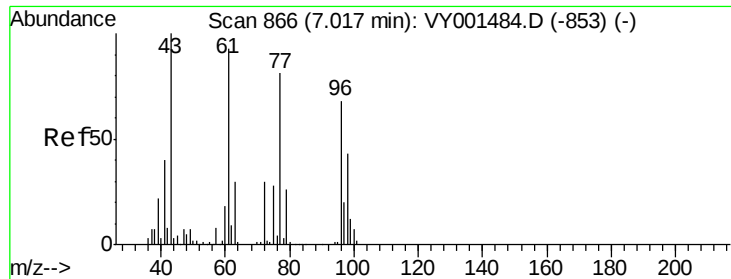
Tgt Ion: 77 Resp: 409457

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

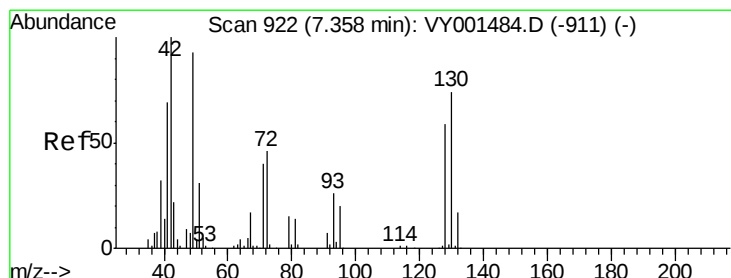
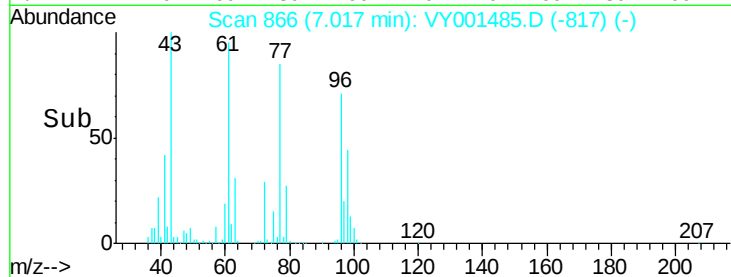
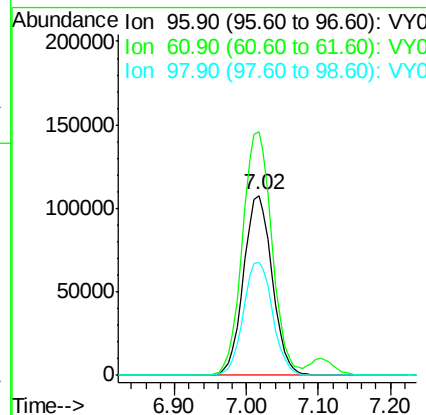
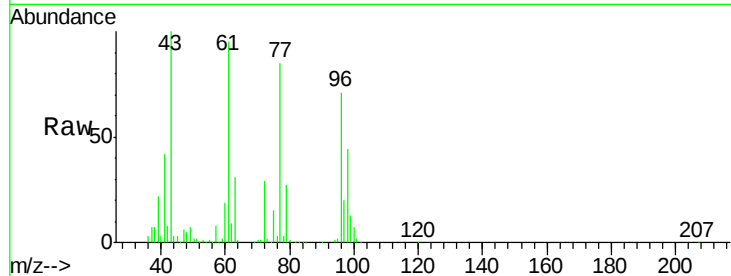
cis-1,2-Dichloroethene
 Concen: 93.765 ug/l
 RT: 7.02 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	297706		
61	139.5	0.0	278.8	
98	64.3	0.0	128.8	

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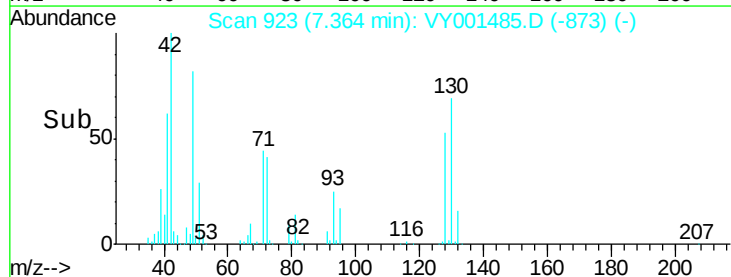
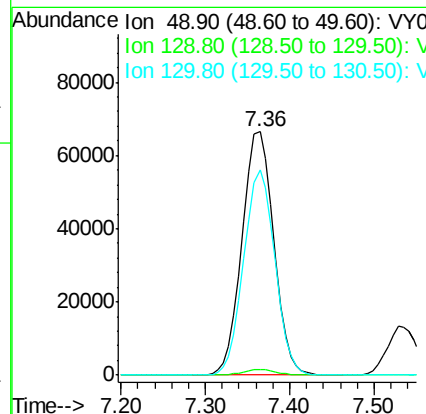
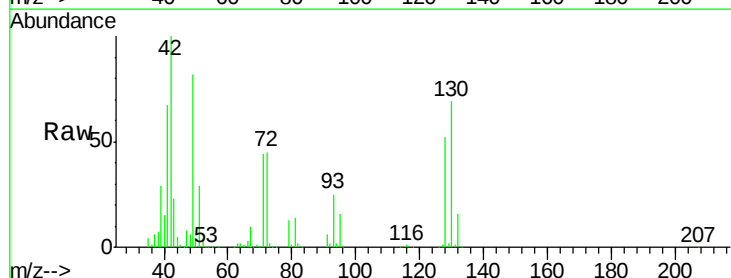
MMDadoda
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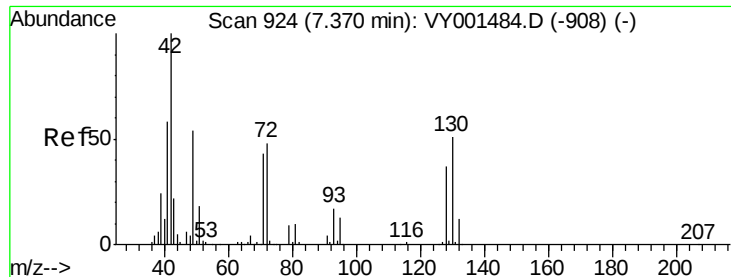


#28

Bromochloromethane
 Concen: 86.349 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	169759		
129	2.2	0.0	4.8	
130	82.9	65.4	98.2	





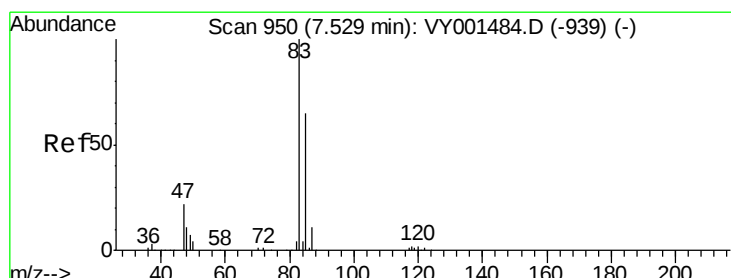
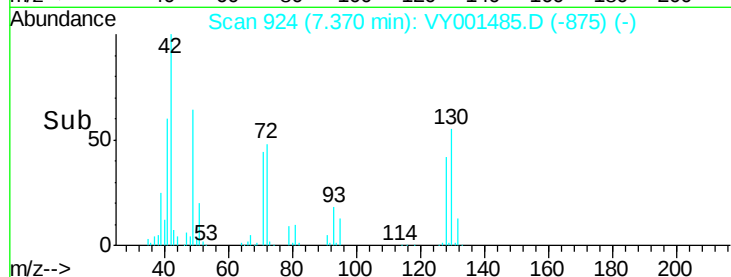
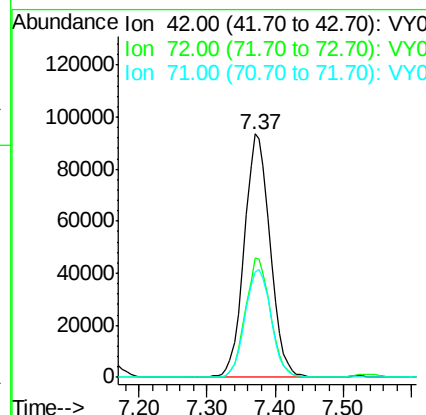
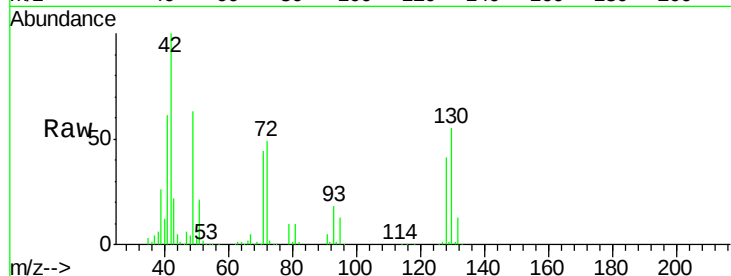
#29
Tetrahydrofuran
Concen: 360.955 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.8	56.6
71	44.6	34.8	52.2

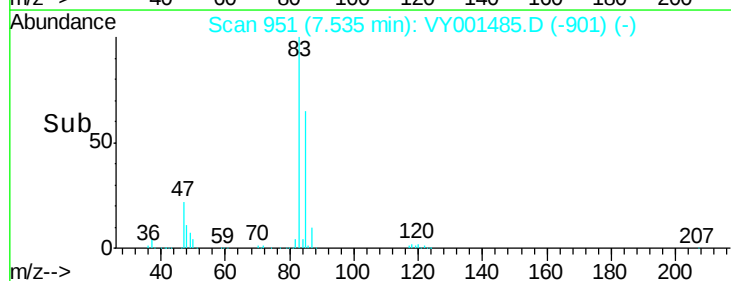
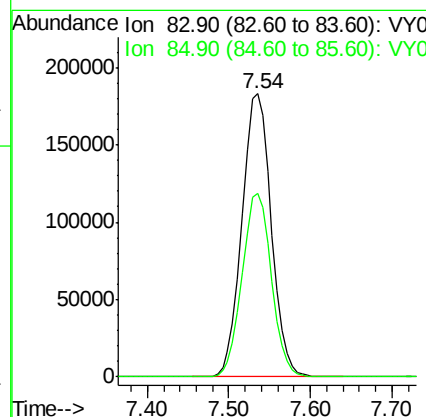
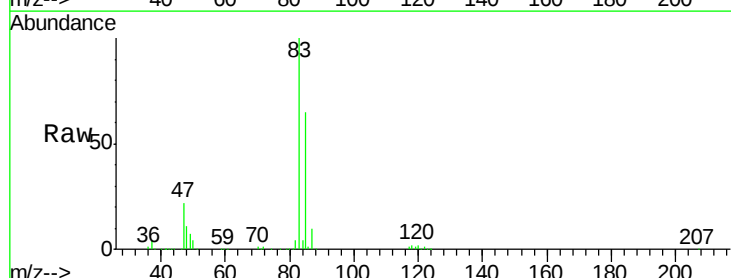
Manual Integrations
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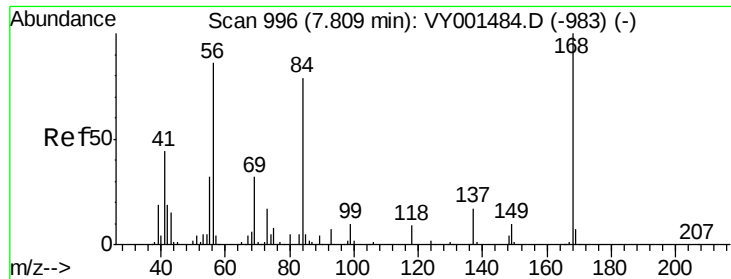
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#30
Chloroform
Concen: 94.660 ug/l
RT: 7.54 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.4	78.6





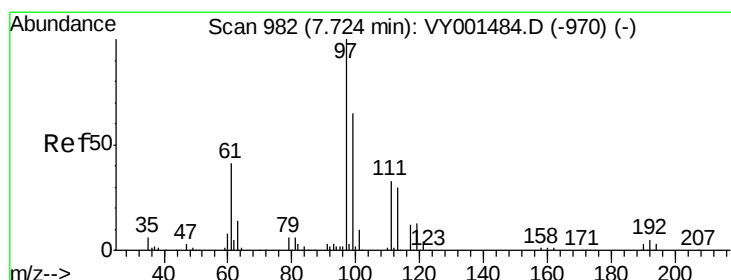
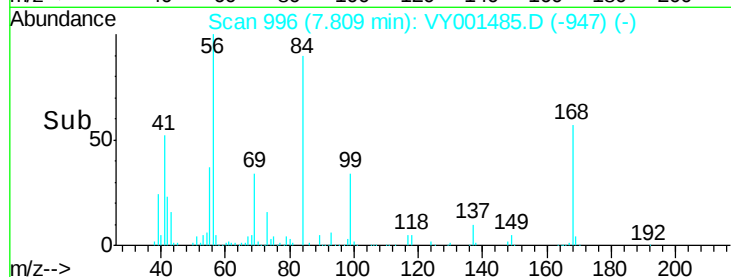
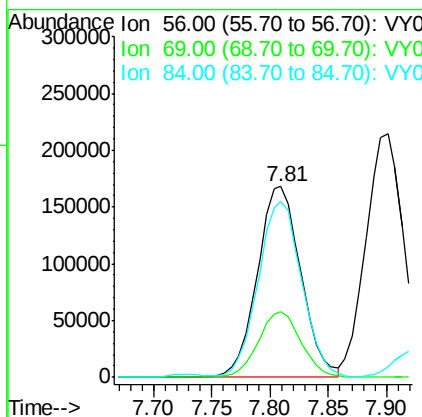
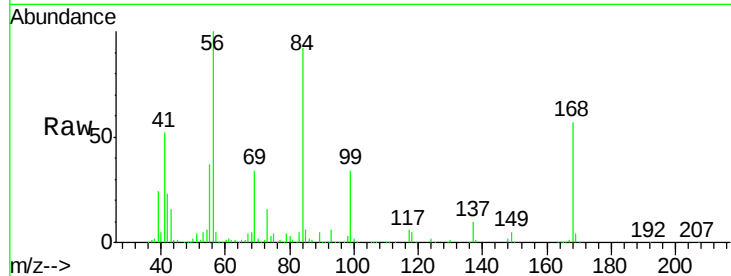
#31
Cyclohexane
Concen: 89.691 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	29.6	44.4
84	90.6	73.6	110.4

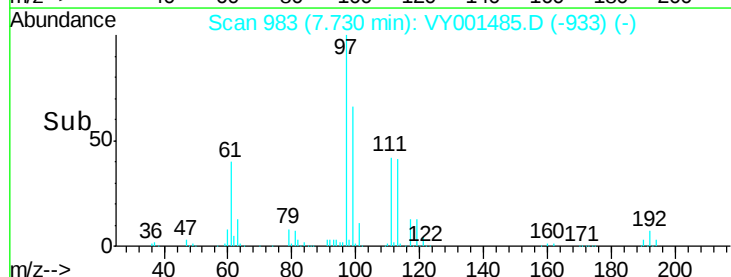
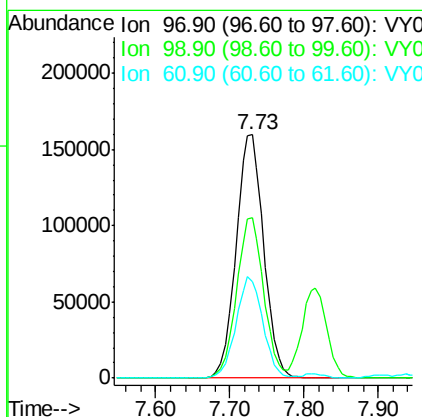
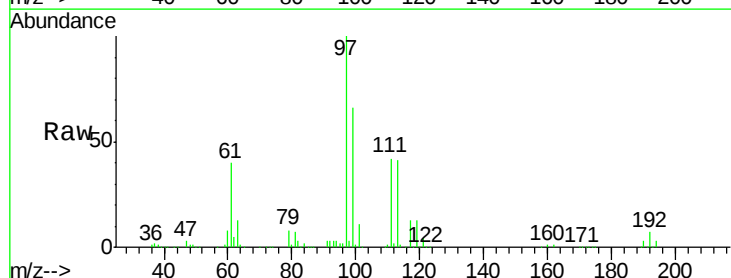
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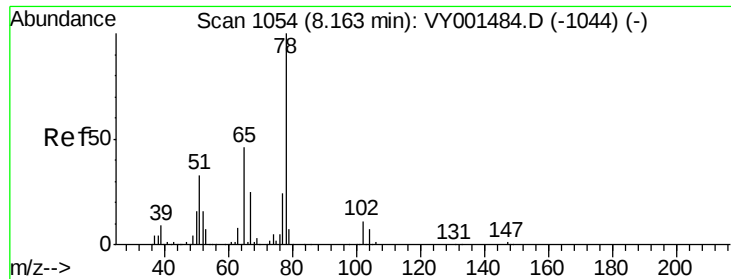
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#32
1,1,1-Trichloroethane
Concen: 100.970 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.8
61	40.6	32.5	48.7





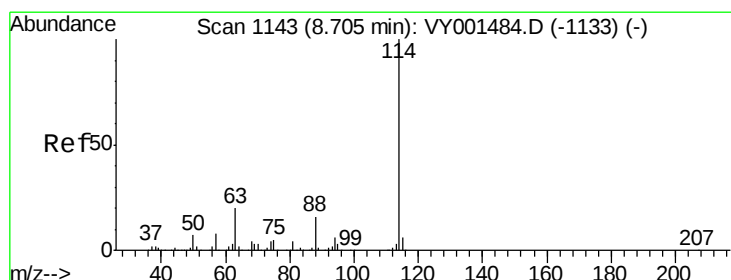
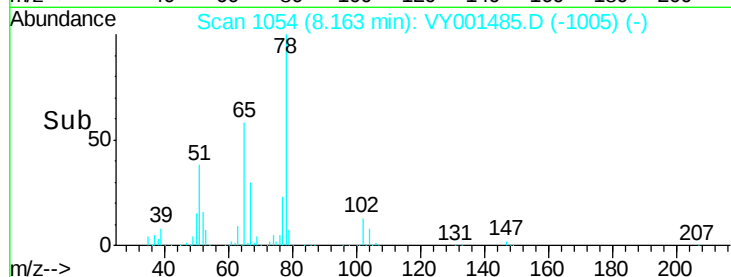
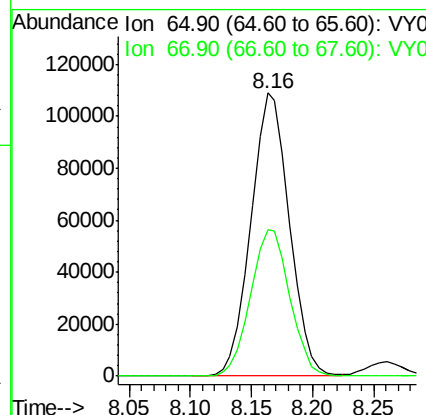
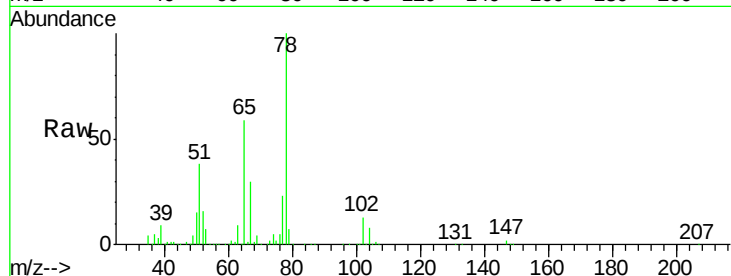
#33
 1,2-Dichloroethane-d4
 Concen: 95.943 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	238279		
67	53.1	0.0	108.6	

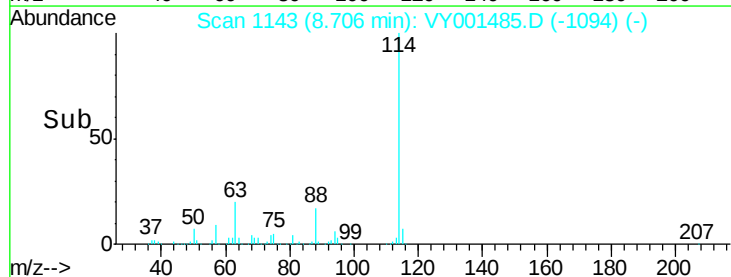
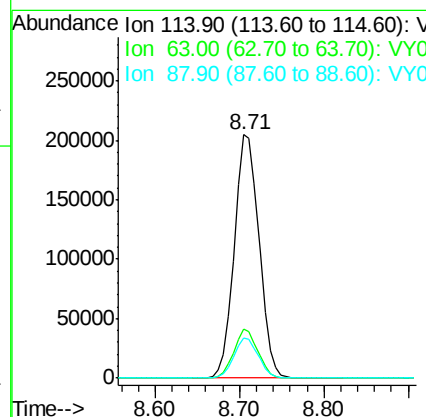
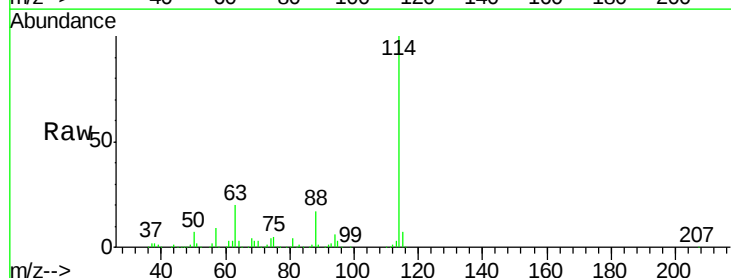
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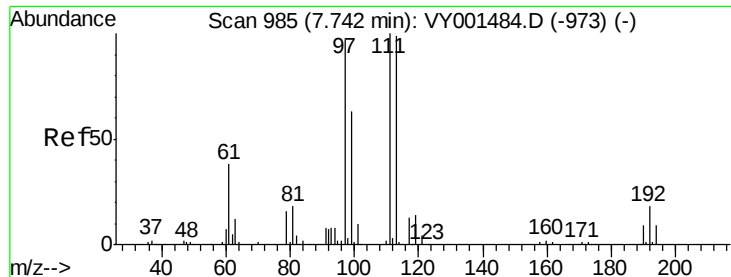
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	406962		
63	20.2	0.0	39.8	
88	16.6	0.0	32.6	





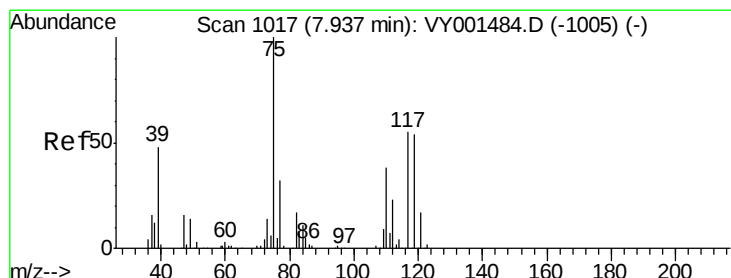
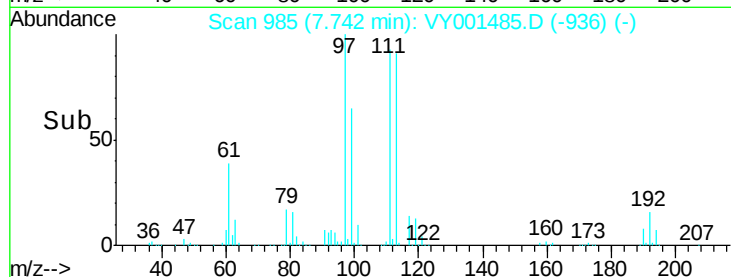
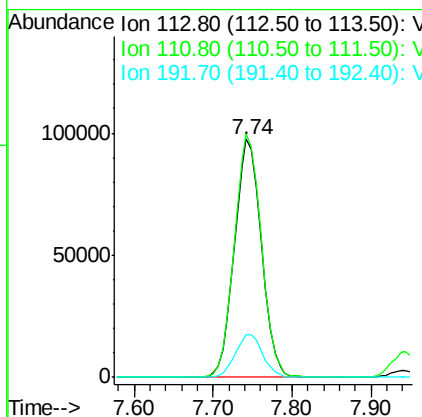
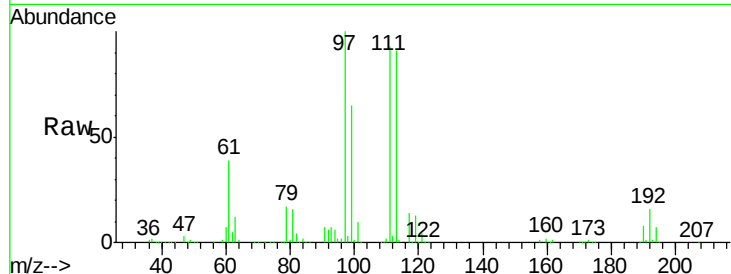
#35
 Dibromofluoromethane
 Concen: 97.819 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	232290		
111	102.1	82.9	124.3	
192	18.3	14.6	22.0	

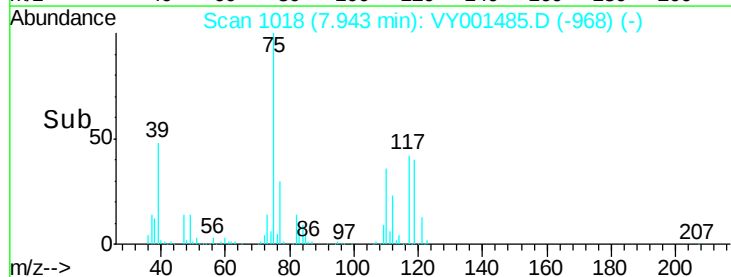
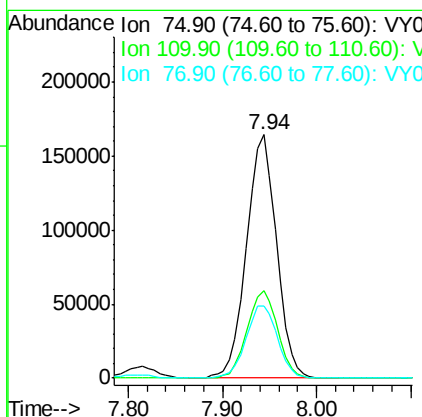
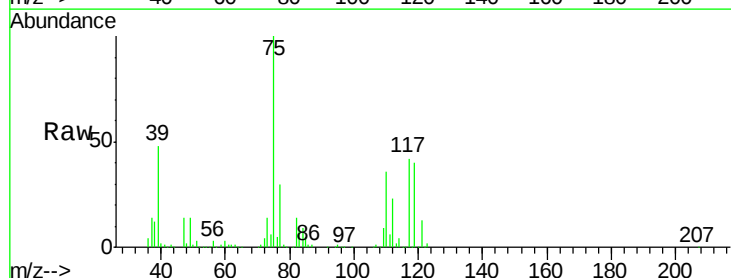
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#36
 1,1-Dichloropropene
 Concen: 94.926 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	366055		
110	36.5	18.2	54.6	
77	31.2	25.0	37.4	





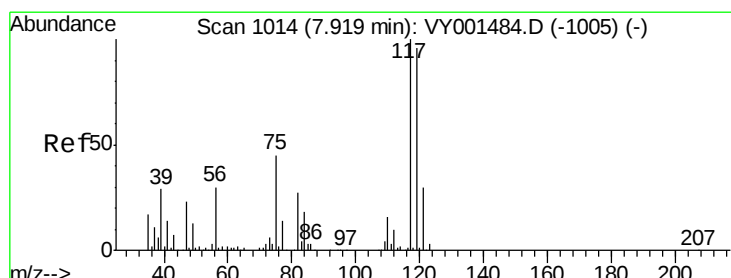
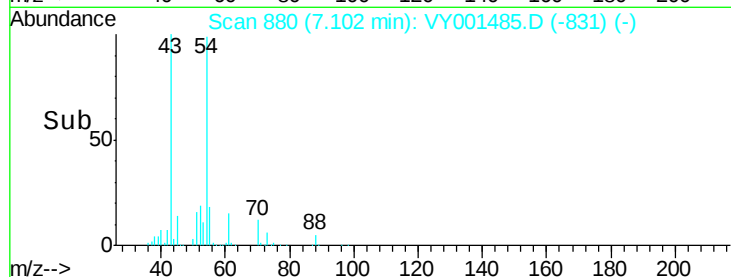
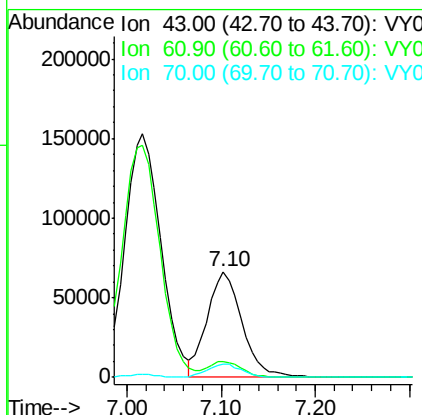
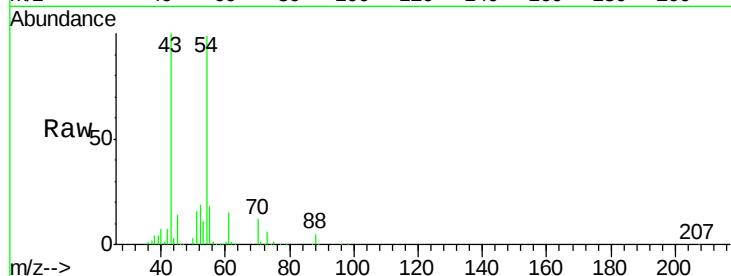
#37
Ethyl Acetate
Concen: 75.744 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.0	18.0
70	12.3	10.2	15.4

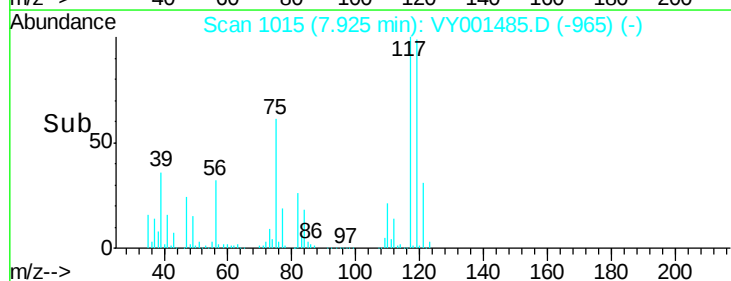
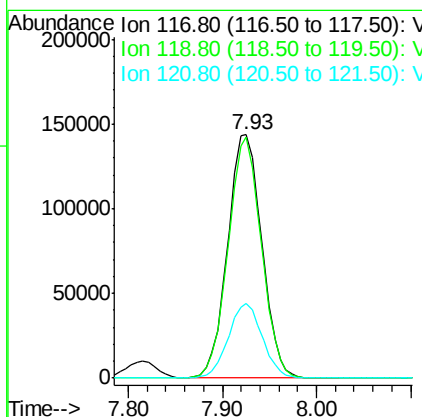
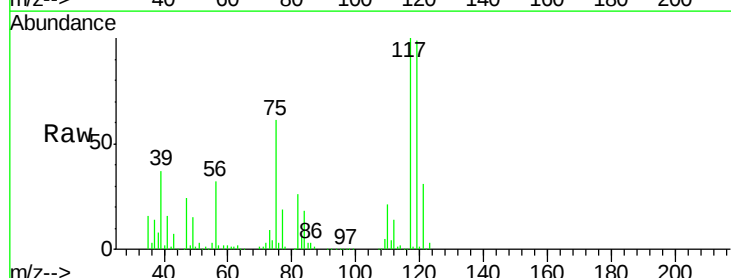
Manual Integrations
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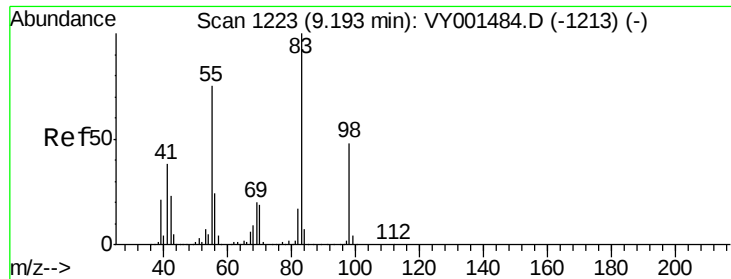
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#38
Carbon Tetrachloride
Concen: 103.830 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.4	114.6
121	30.6	24.2	36.4





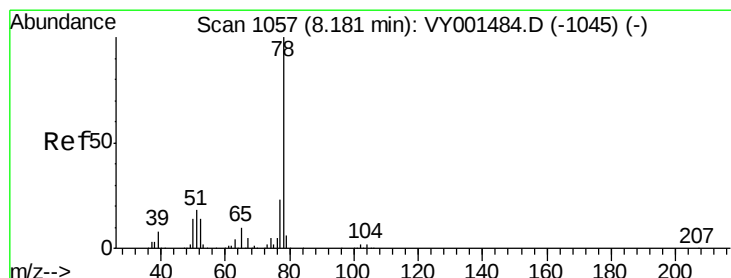
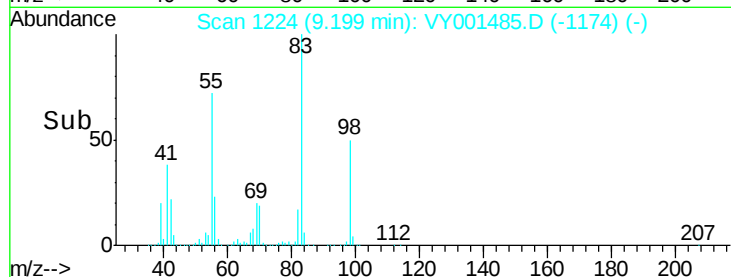
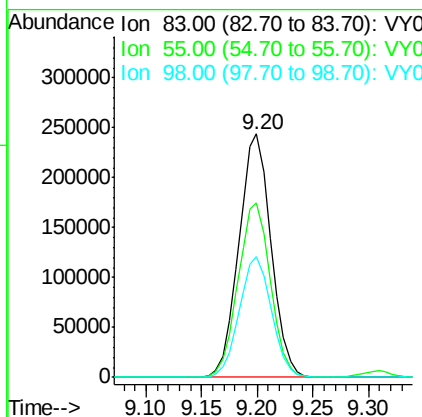
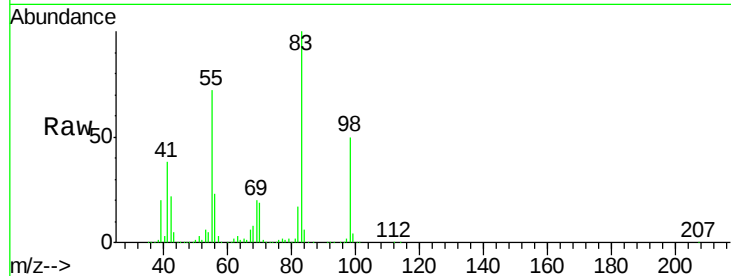
#39
Methvlcvclohexane
Concen: 98.527 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.6	59.8	89.6
98	49.8	38.6	57.8

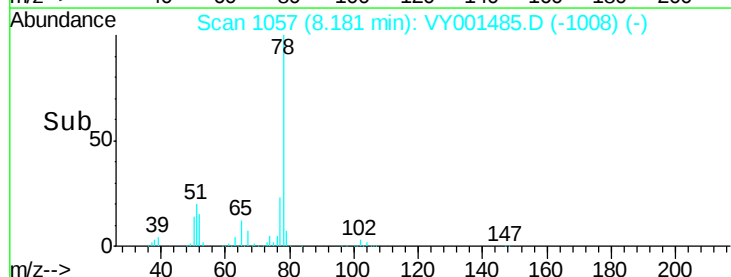
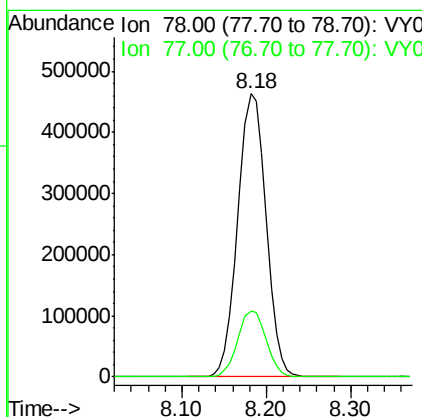
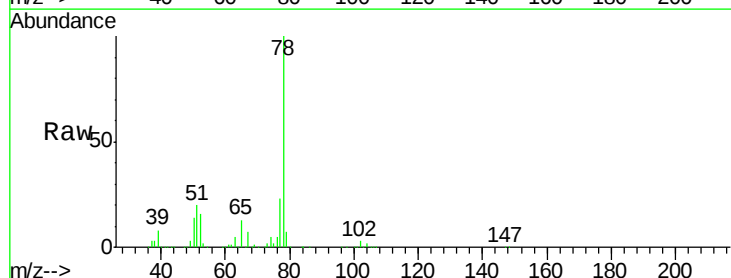
Manual Integrations
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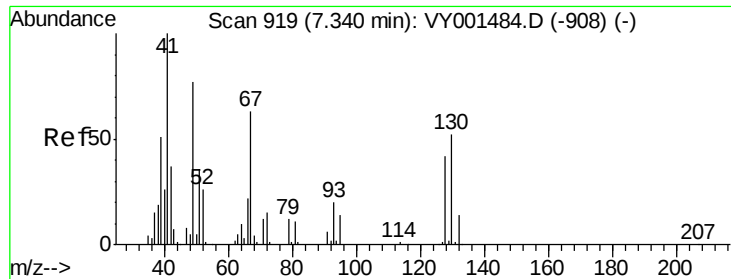
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#40
Benzene
Concen: 91.693 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.5	27.7





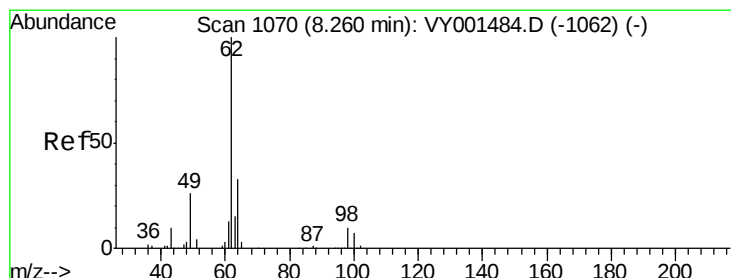
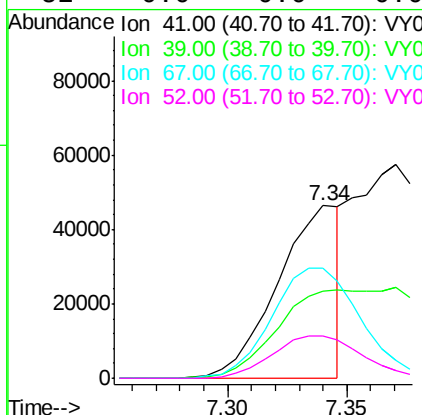
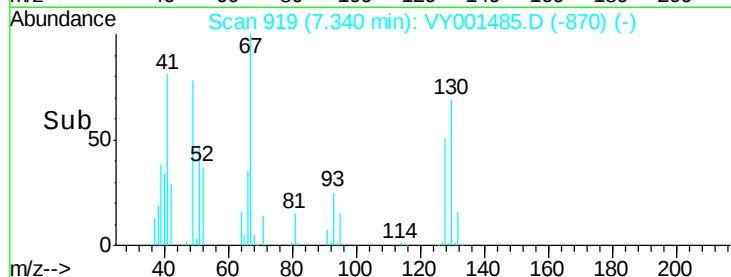
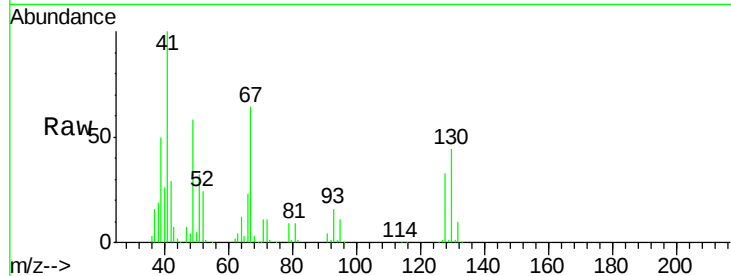
#41
Methacrylonitrile
Concen: 74.394 ug/l m
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	116.8	175.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

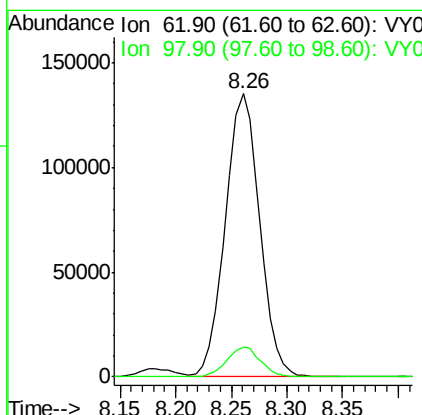
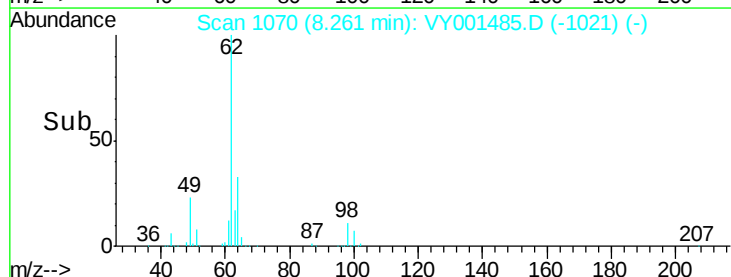
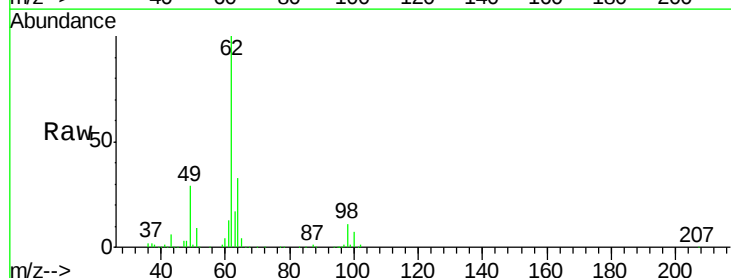
Manual Integrations
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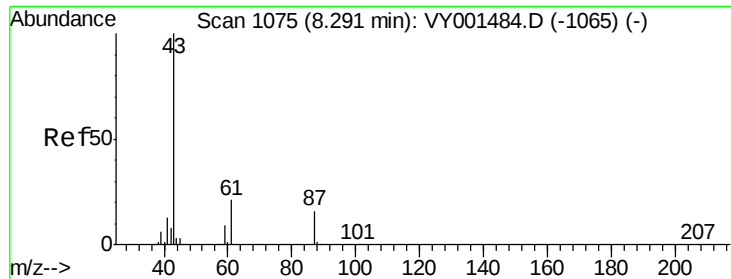
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#42
1,2-Dichloroethane
Concen: 91.082 ug/l
RT: 8.26 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.0





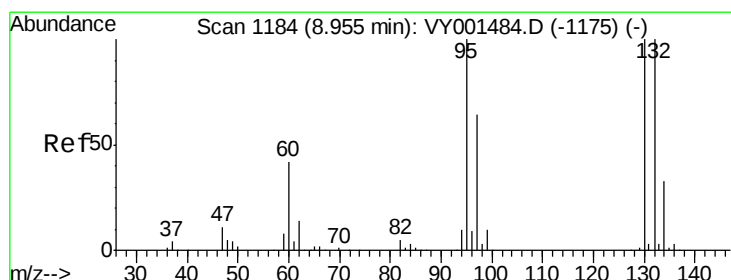
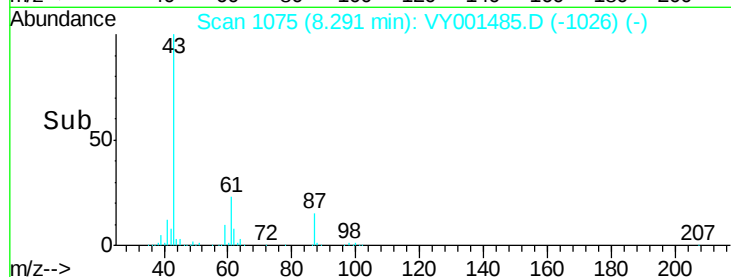
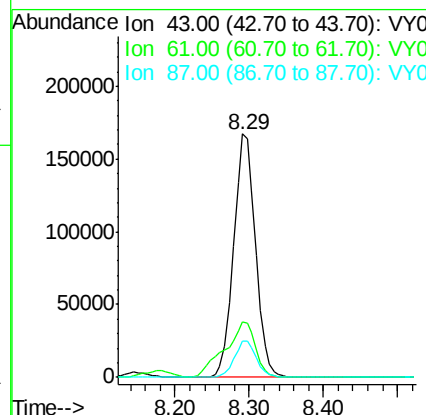
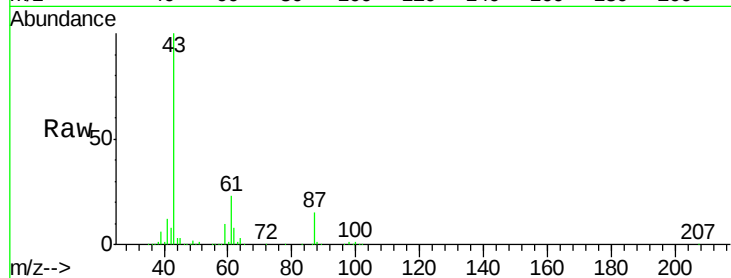
#43
Isopropyl Acetate
Concen: 78.165 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.6	25.1	37.7
87	15.3	12.6	19.0

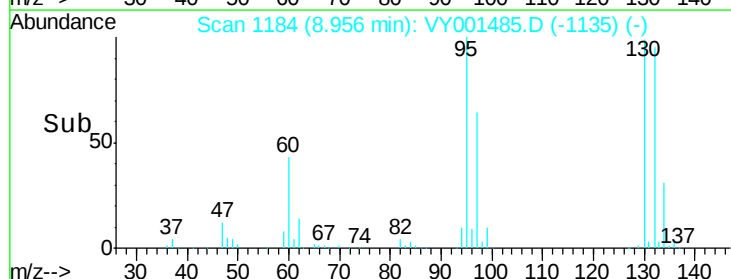
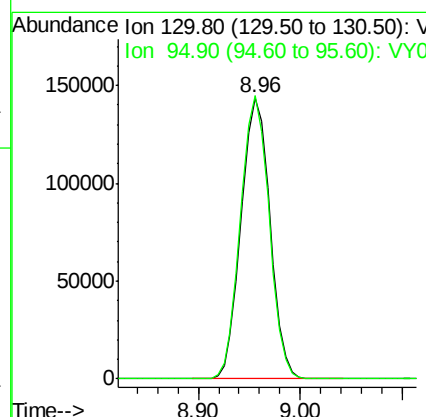
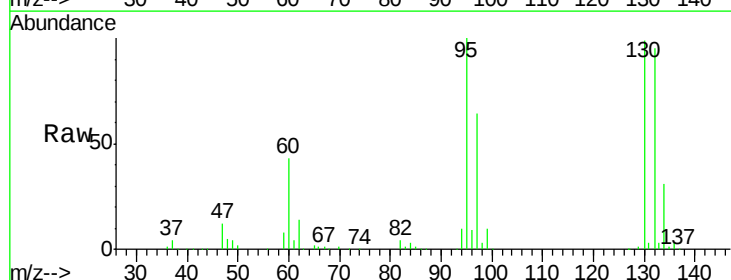
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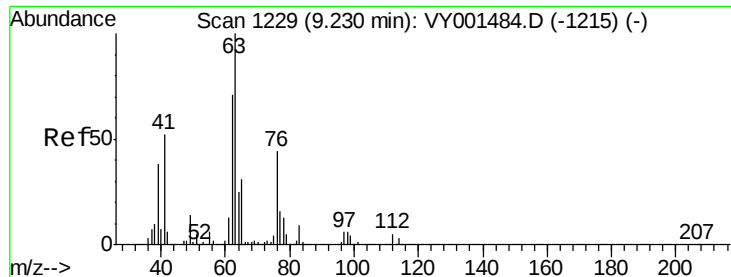
MMDadoda
2/5/2020 12:23:46 PM



#44
Trichloroethene
Concen: 95.326 ug/l
RT: 8.96 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	199.2





#45

1,2-Dichloropropane

Concen: 89.013 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC100

Tot Ion: 63 Resp: 255182

Ion Ratio Lower Upper

63 100

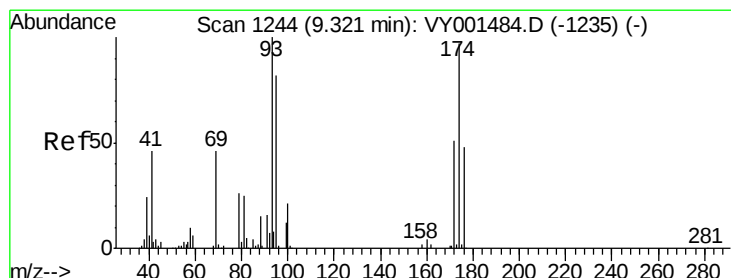
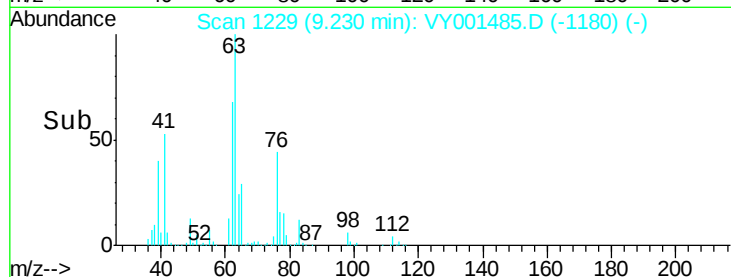
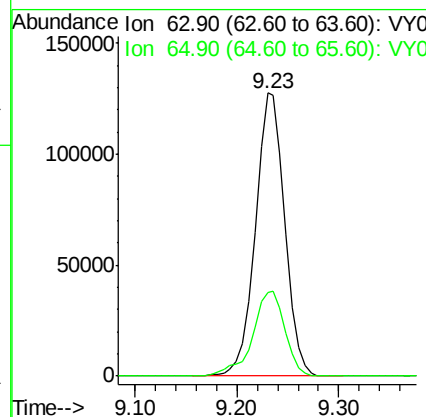
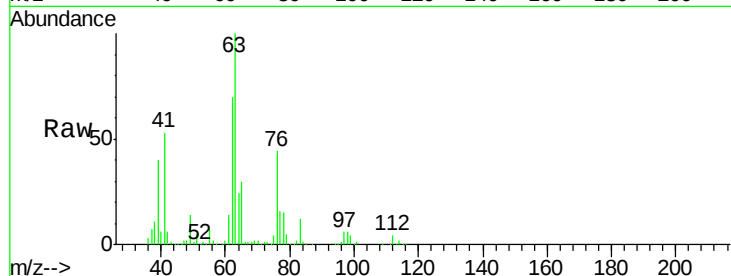
65 29.8 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 91.079 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

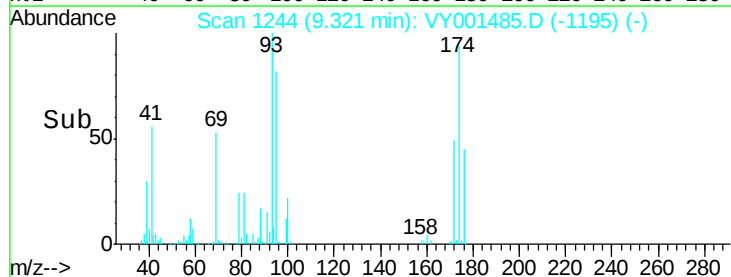
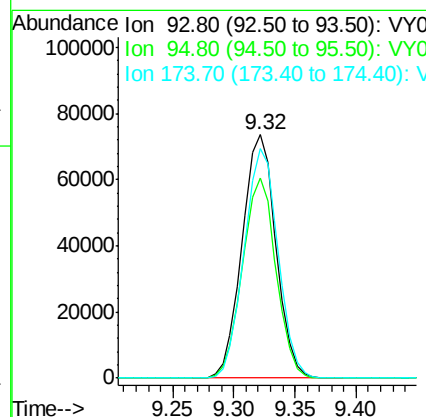
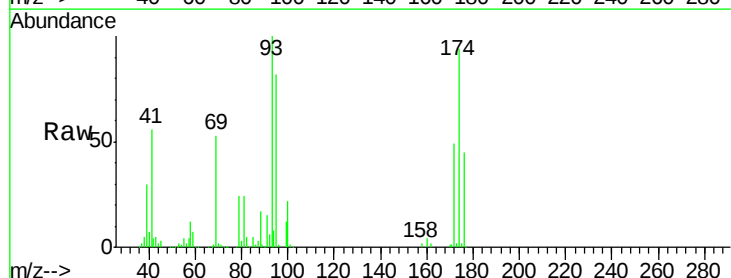
Tgt Ion: 93 Resp: 141074

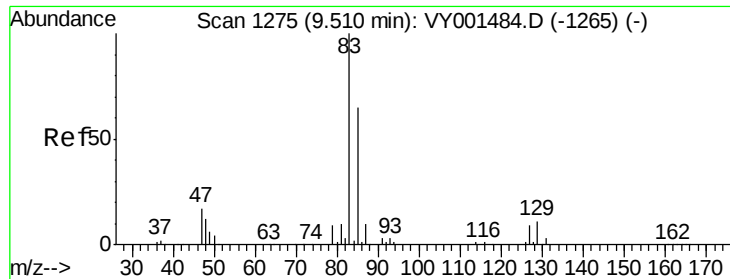
Ion Ratio Lower Upper

93 100

95 81.6 66.6 99.8

174 94.7 75.4 113.2





#47

Bromodichloromethane

Concen: 94.906 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

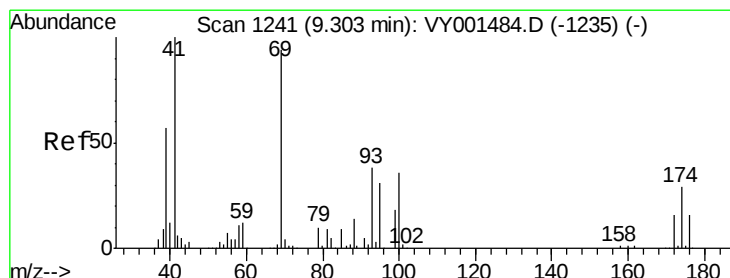
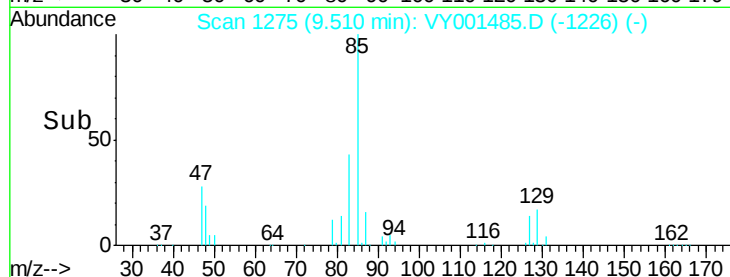
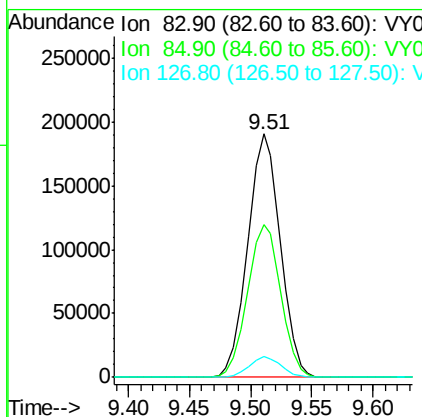
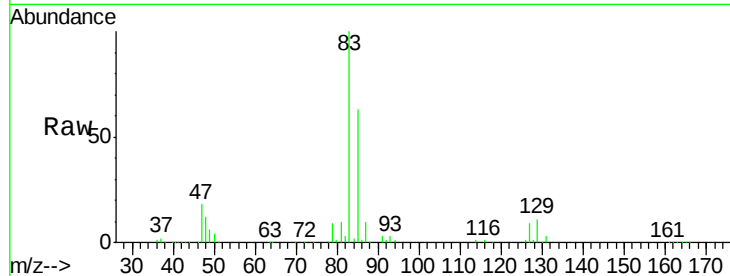
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	353845
Ion Ratio	Lower	Upper	
83	100		
85	62.9	51.9	77.9
127	8.7	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 77.613 ug/l

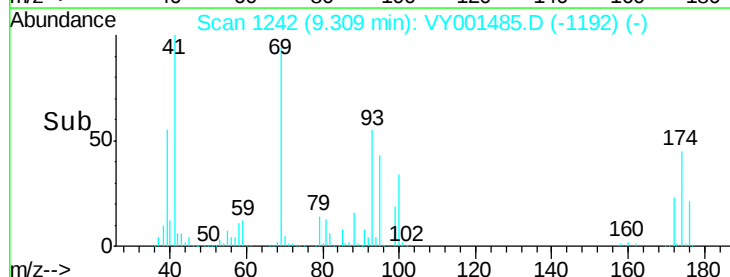
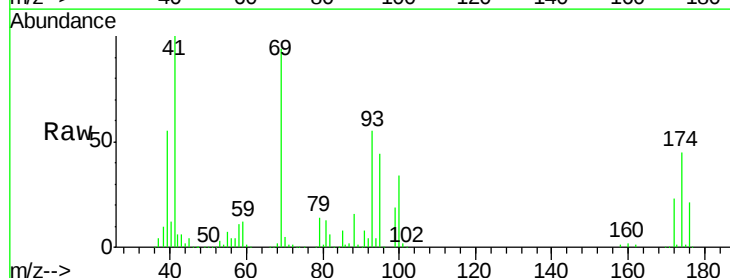
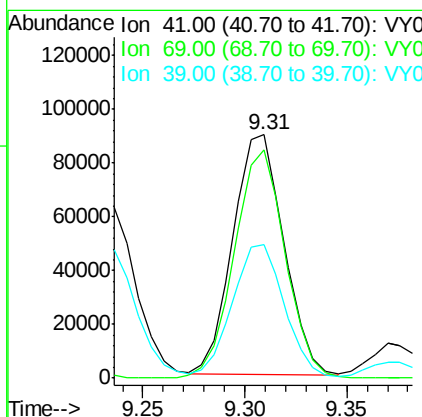
RT: 9.31 min Scan# 1242

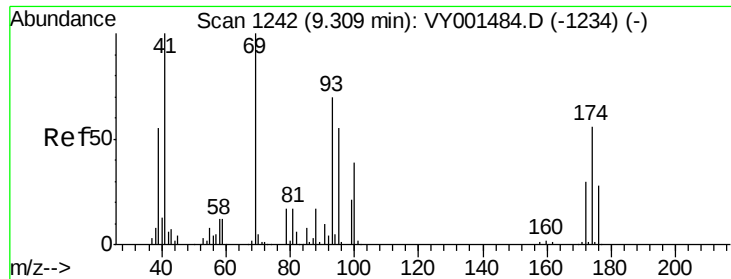
Delta R.T. 0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Tgt Ion:	41	Resp:	155287
Ion Ratio	Lower	Upper	
41	100		
69	95.0	76.6	114.8
39	57.3	45.4	68.0





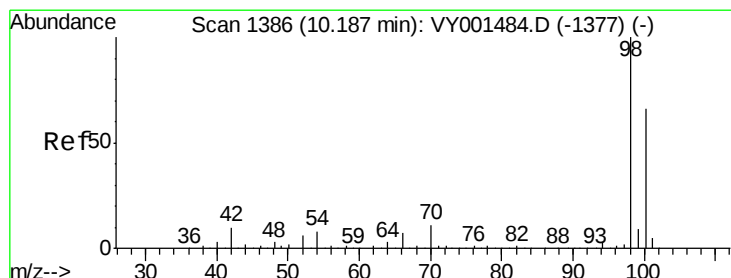
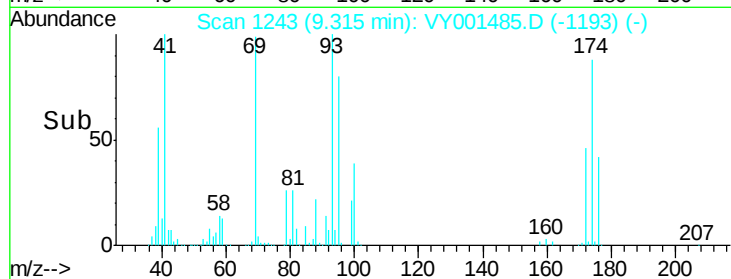
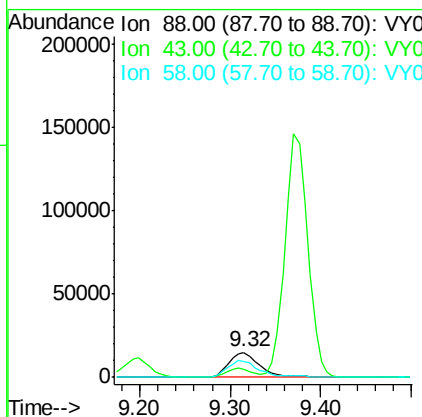
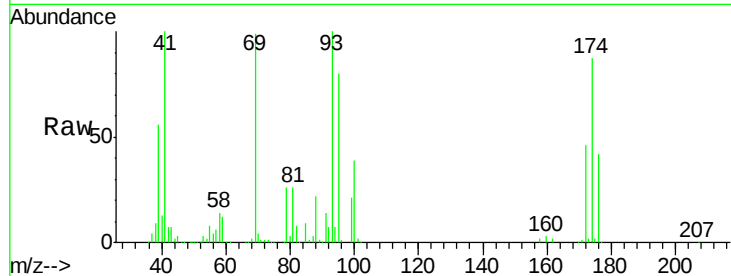
#49
1,4-Dioxane
Concen: 1693.085 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.8	37.2
58	69.6	59.3	88.9

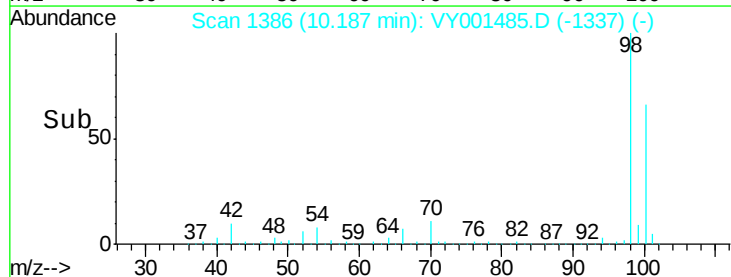
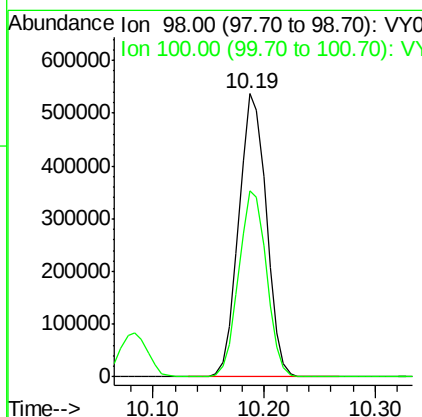
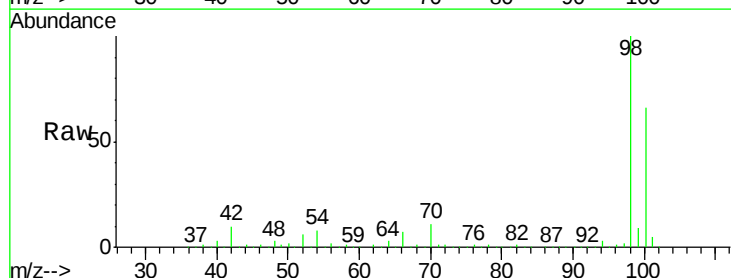
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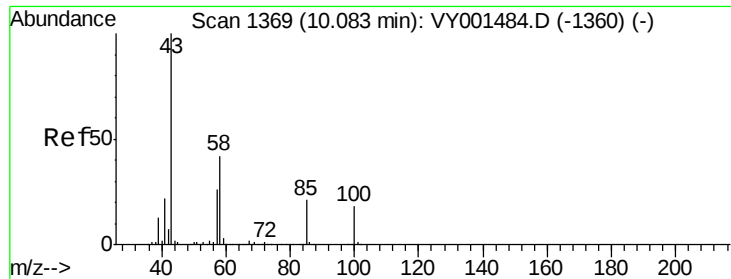
MMDadoda
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#50
Toluene-d8
Concen: 100.353 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 367.326 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC100

Tot Ion: 43 Resp: 825866

Ion Ratio Lower Upper

43 100

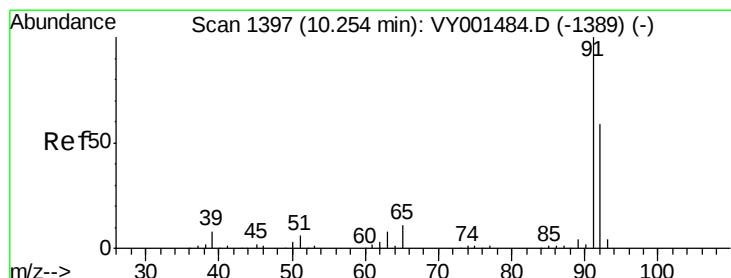
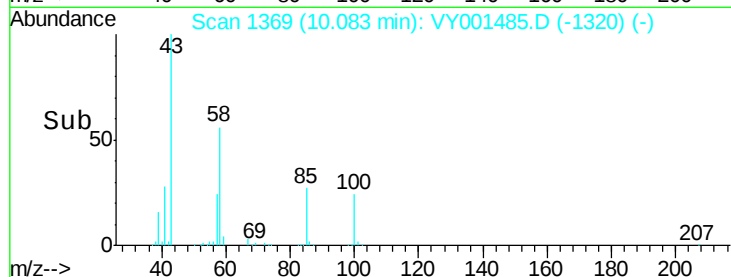
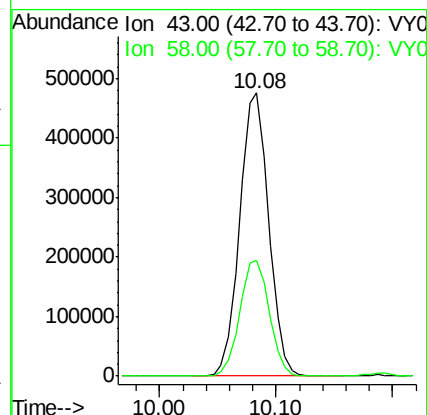
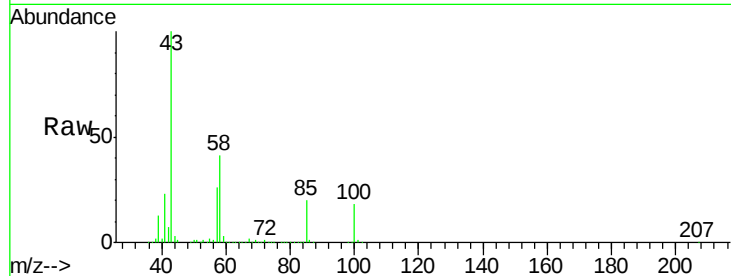
58 41.7 33.9 50.9

Manual Integrations

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#52

Toluene

Concen: 91.514 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VY001485.D

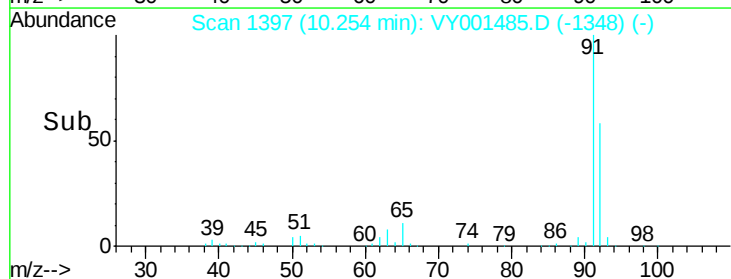
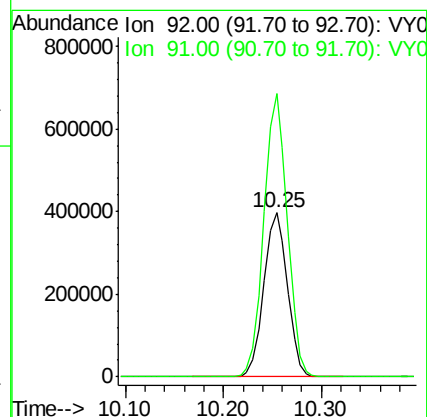
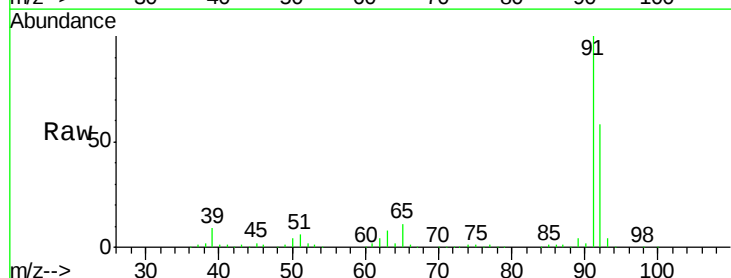
Acq: 04 Feb 2020 14:21

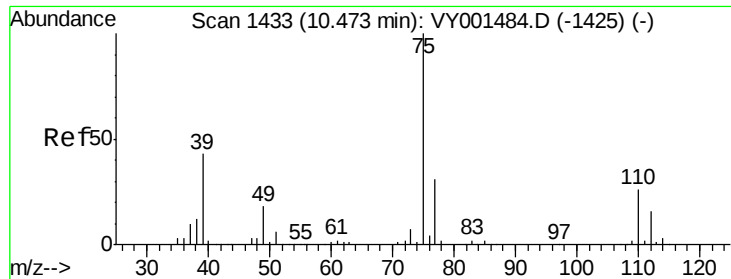
Tgt Ion: 92 Resp: 663857

Ion Ratio Lower Upper

92 100

91 171.0 136.6 204.8





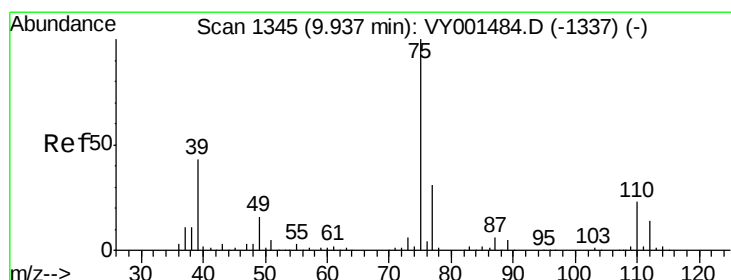
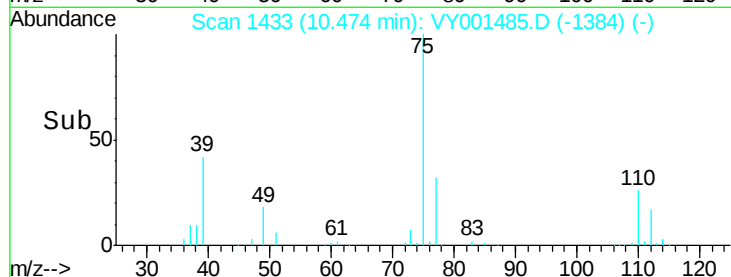
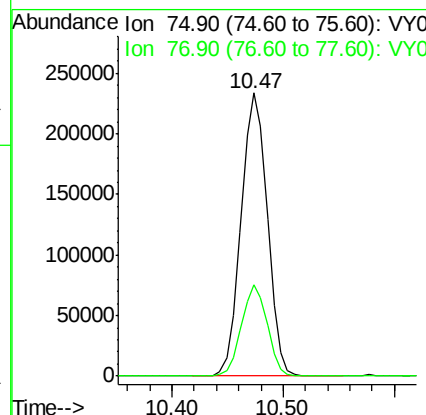
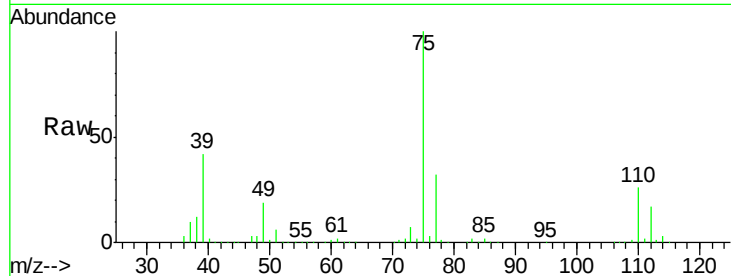
#53
t-1,3-Dichloropropene
Concen: 93.098 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.9	37.3

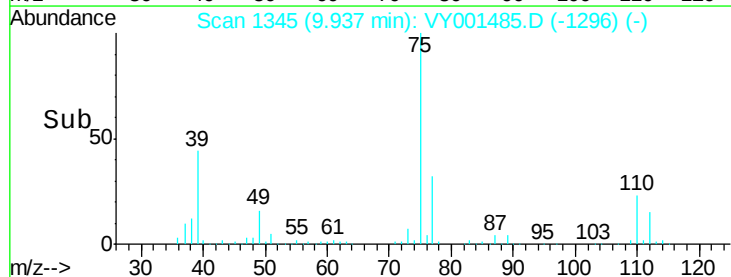
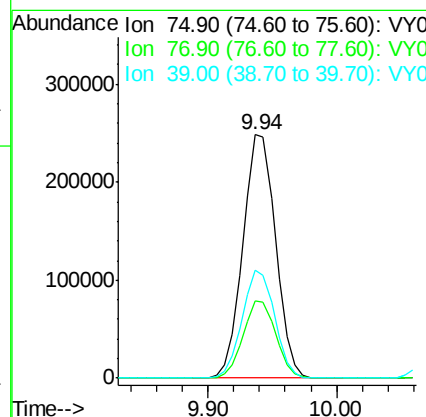
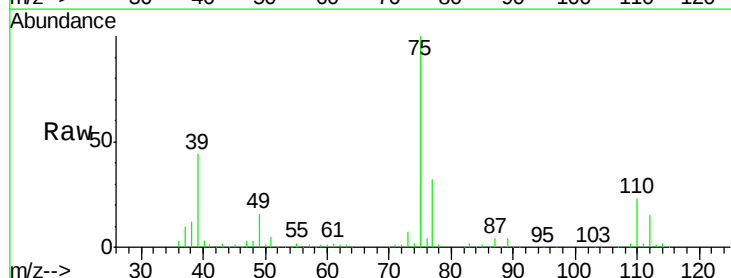
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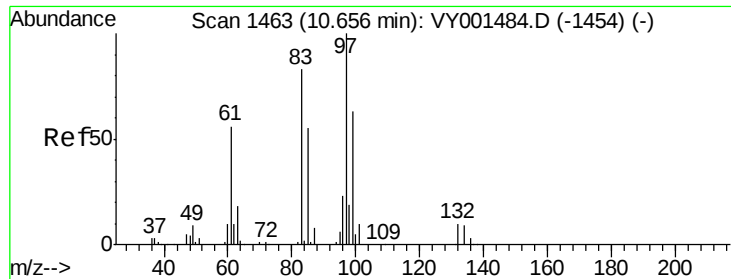
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#54
cis-1,3-Dichloropropene
Concen: 92.488 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.7	37.1
39	44.3	34.0	51.0





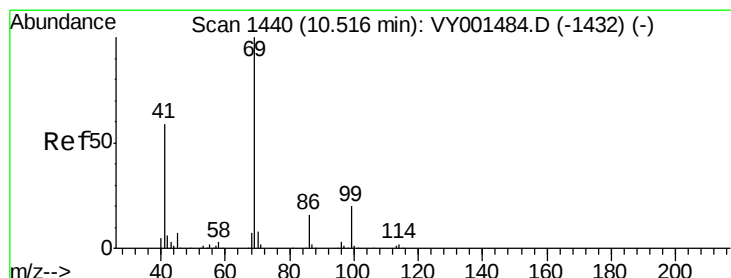
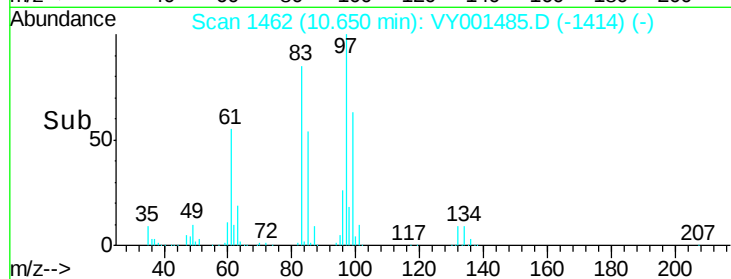
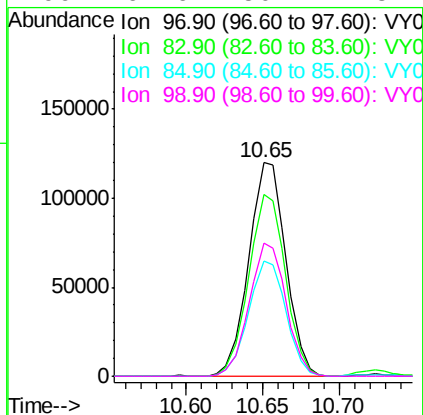
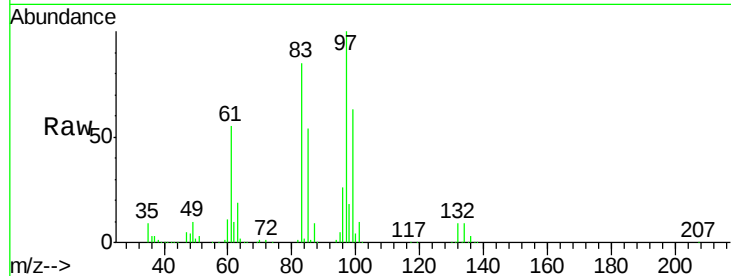
#55
 1,1,2-Trichloroethane
 Concen: 89.278 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	202717
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.2	99.2
85	53.9	43.8	65.6
99	62.6	50.1	75.1

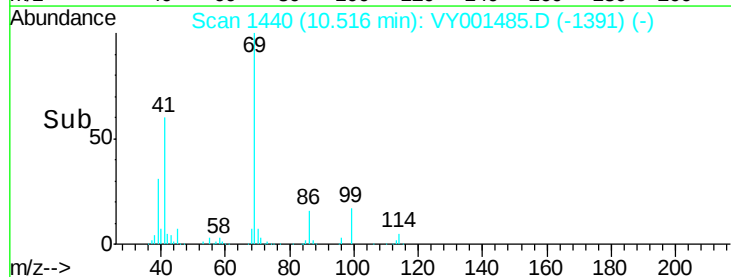
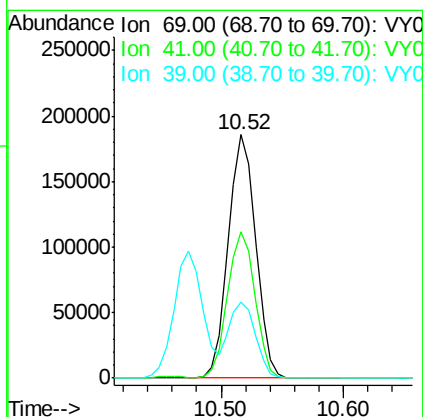
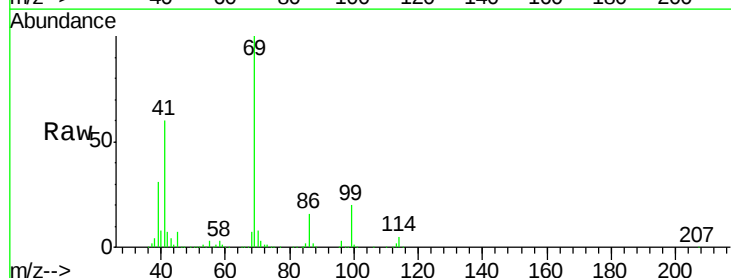
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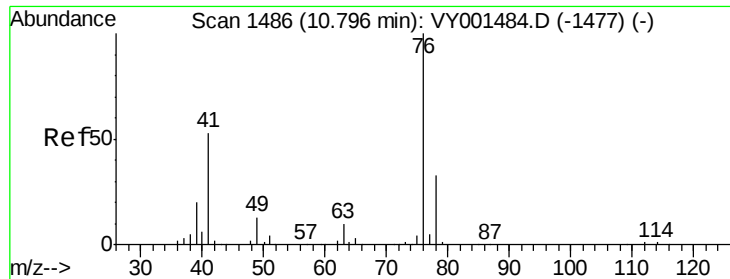
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#56
 Ethyl methacrylate
 Concen: 84.485 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Tgt Ion:	69	Resp:	287550
Ion	Ratio	Lower	Upper
69	100		
41	60.2	47.8	71.8
39	30.3	24.4	36.6





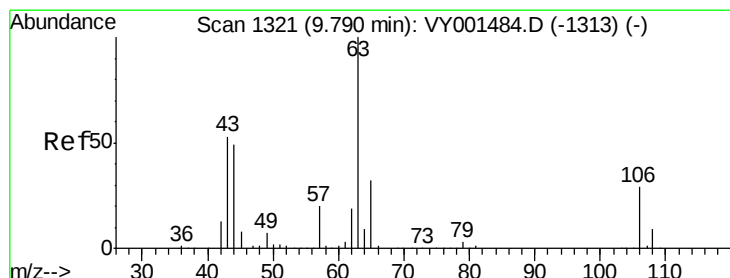
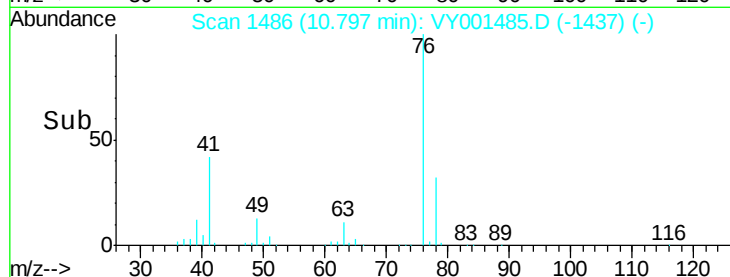
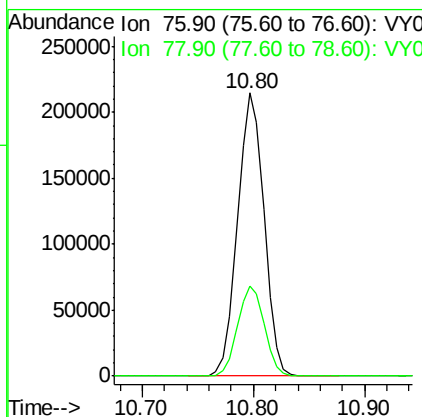
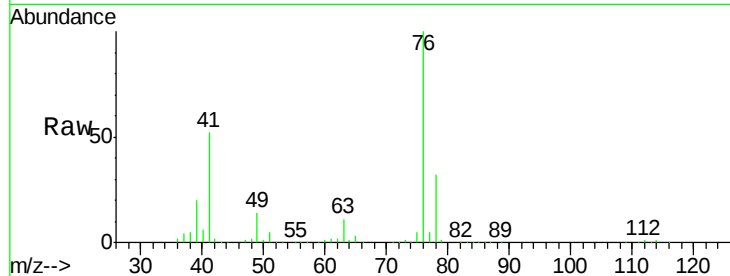
#57
 1,3-Dichloropropane
 Concen: 88.872 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 352375
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5

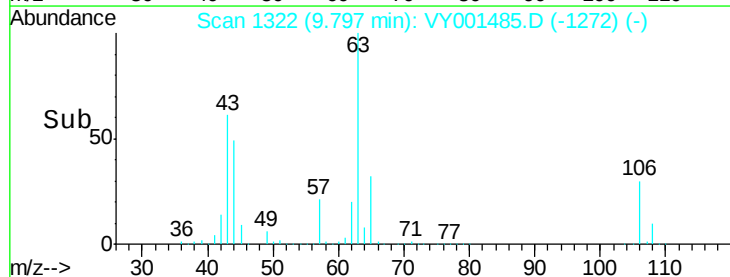
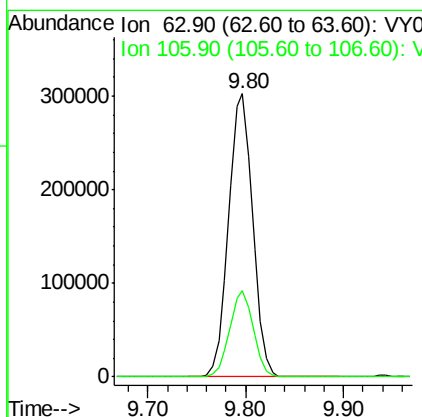
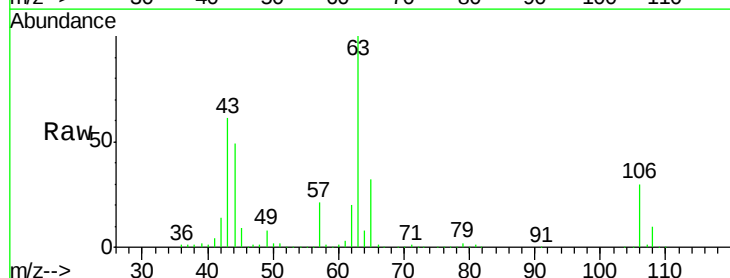
Manual Integrations
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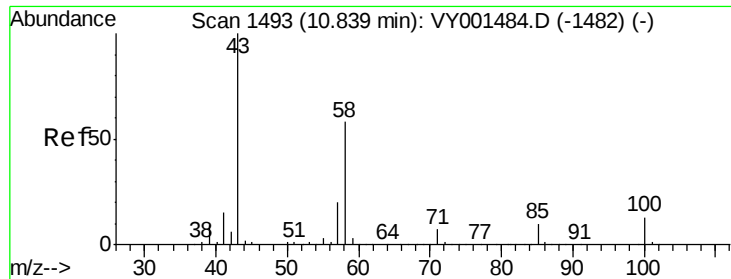
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 2/5/2020 12:23:46 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 423.362 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Tgt Ion: 63 Resp: 515199
 Ion Ratio Lower Upper
 63 100
 106 29.7 24.0 36.0





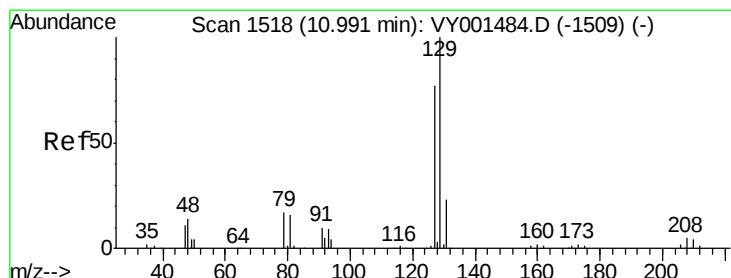
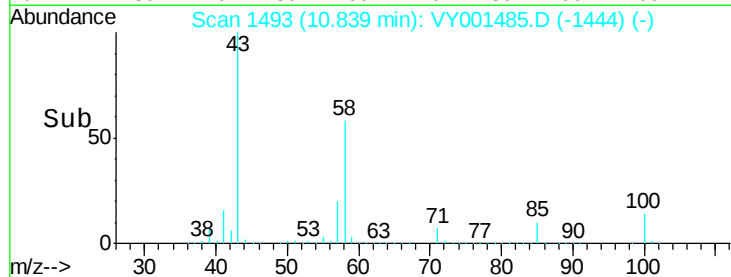
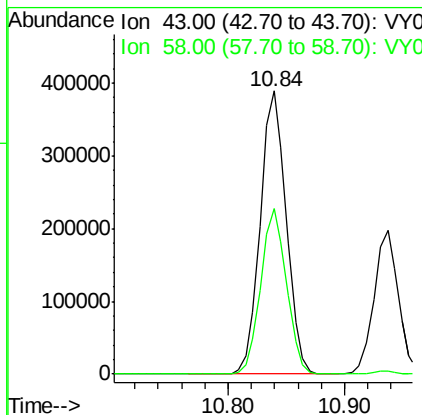
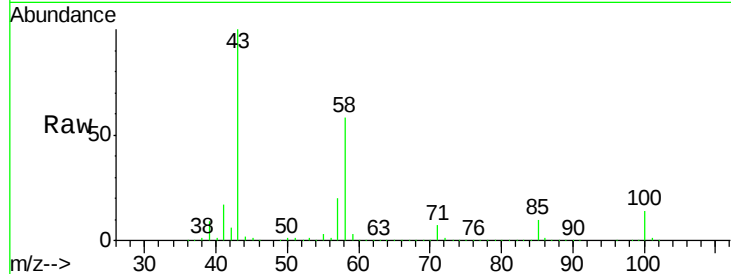
#59
2-Hexanone
Concen: 383.265 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 602588
Ion Ratio Lower Upper
43 100
58 57.7 29.0 87.0

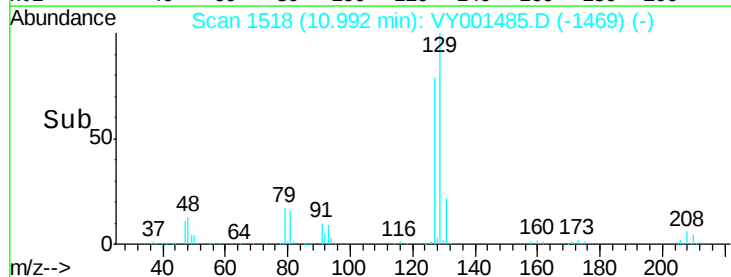
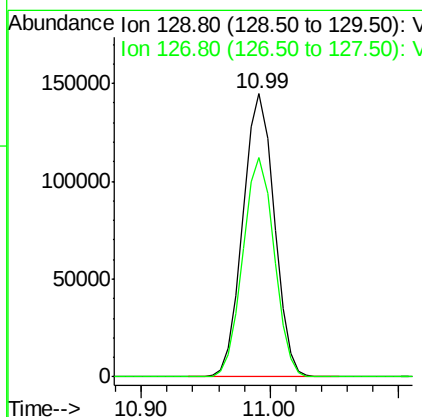
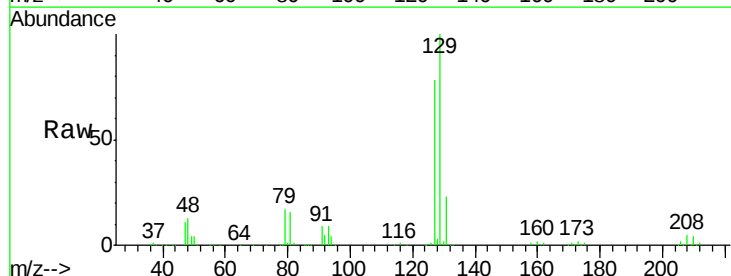
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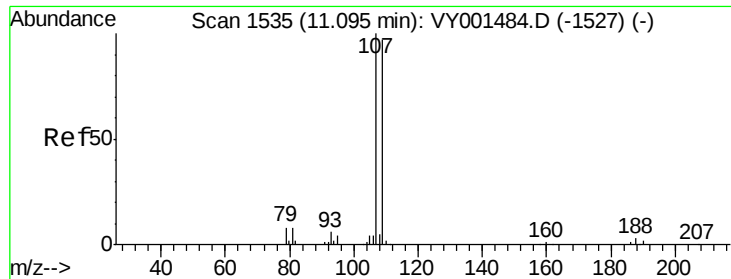
MMDadoda
2/5/2020 12:23:46 PM



#60
Dibromochloromethane
Concen: 94.852 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion: 129 Resp: 243801
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6





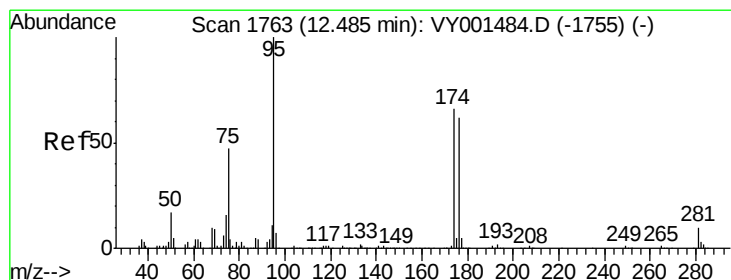
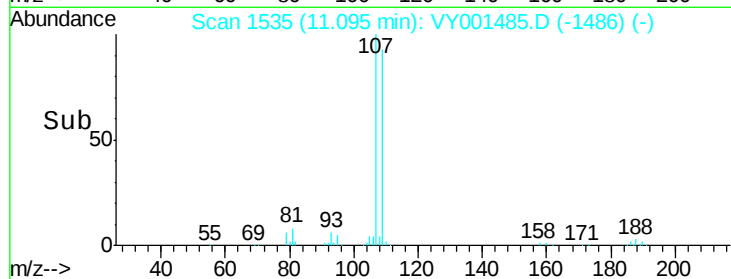
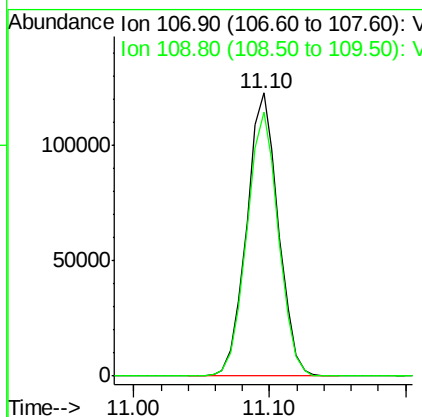
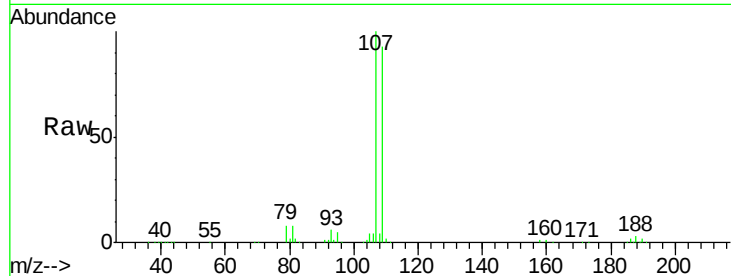
#61
 1,2-Dibromoethane
 Concen: 92.481 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	199610		
109	93.4	76.2	114.2	

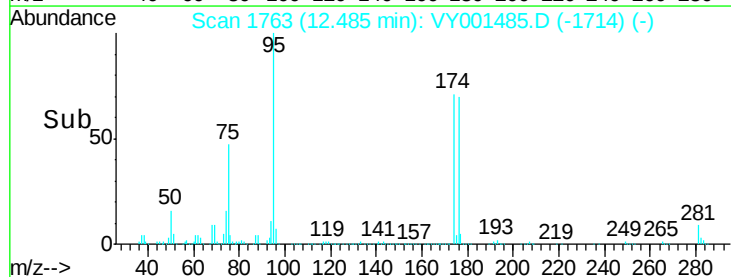
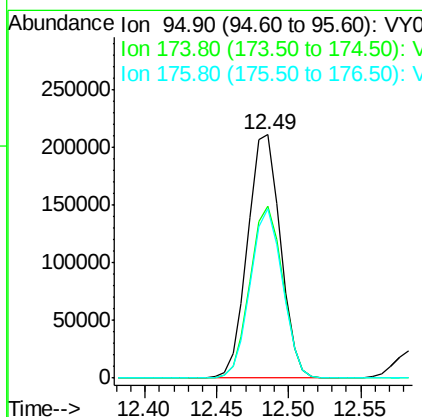
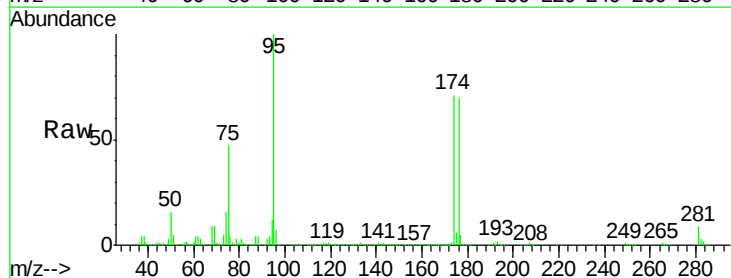
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 91.288 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	332791		
174	70.5	0.0	141.4	
176	68.3	0.0	135.4	





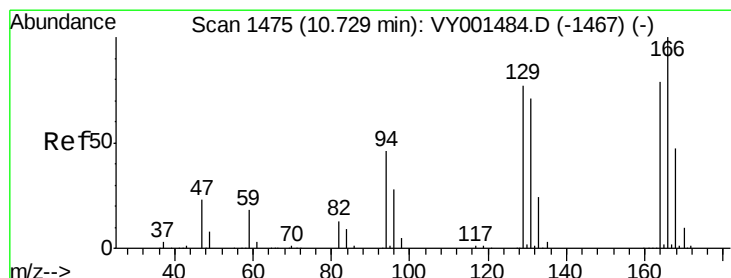
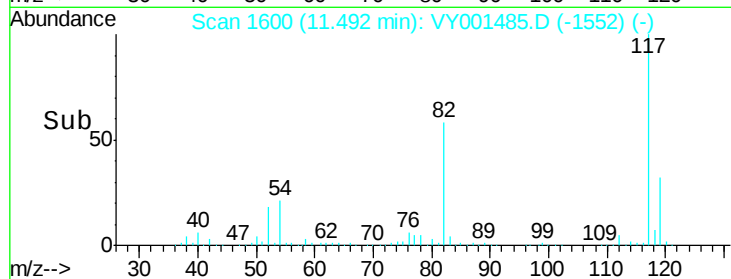
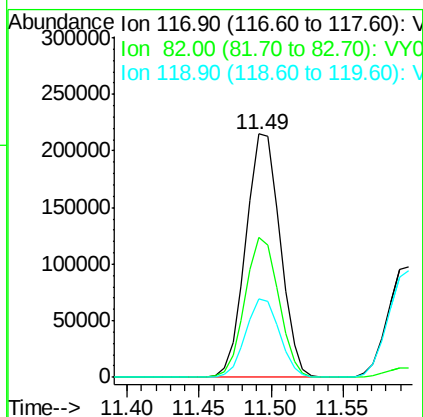
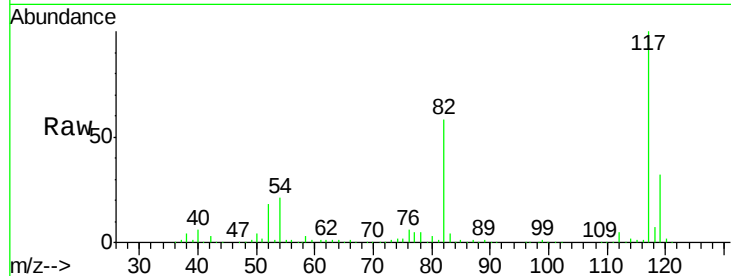
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.1	69.1
119	32.5	26.1	39.1

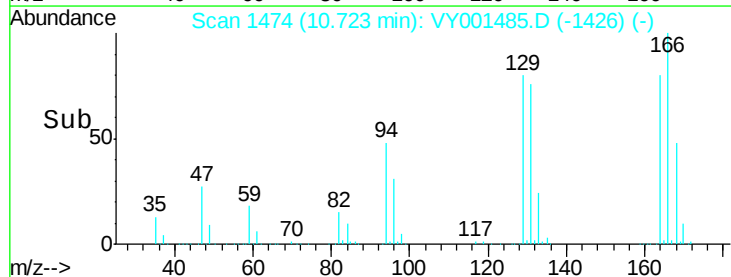
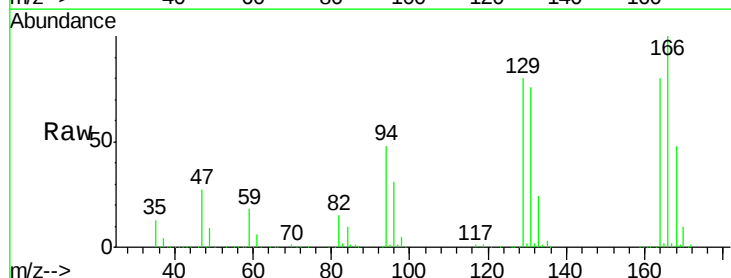
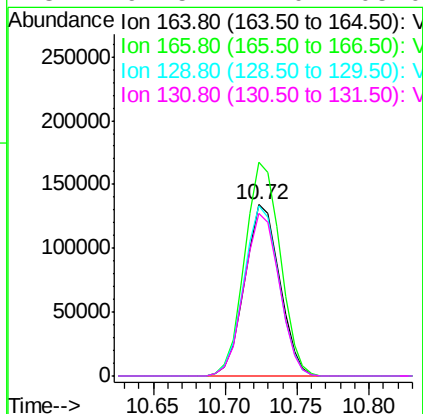
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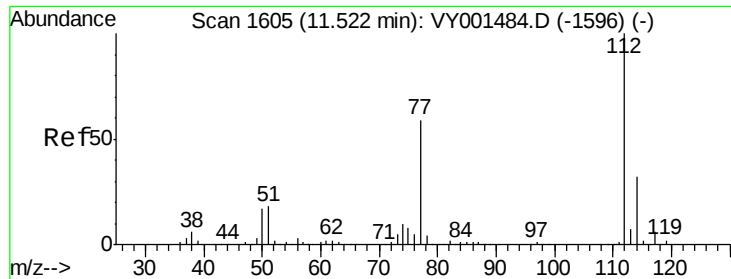
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#64
Tetrachloroethene
Concen: 97.508 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	100.8	151.2
129	99.2	77.8	116.6
131	94.5	72.0	108.0





#65

Chlorobenzene

Concen: 93.354 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:112 Resp: 697473

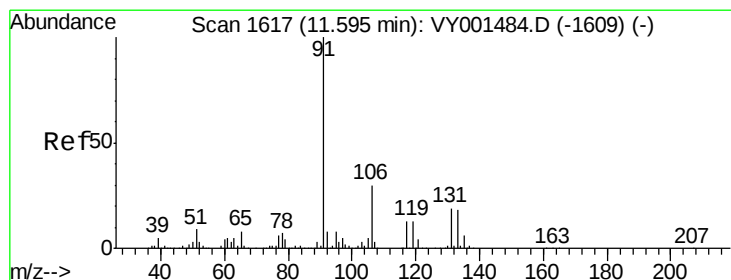
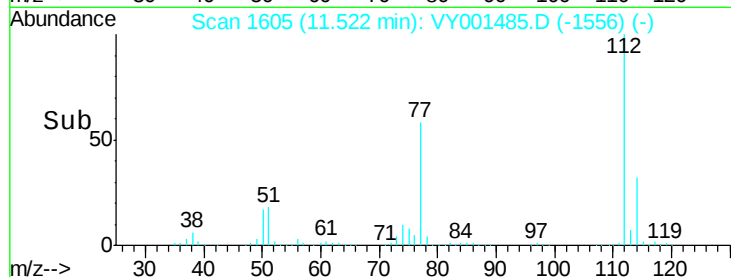
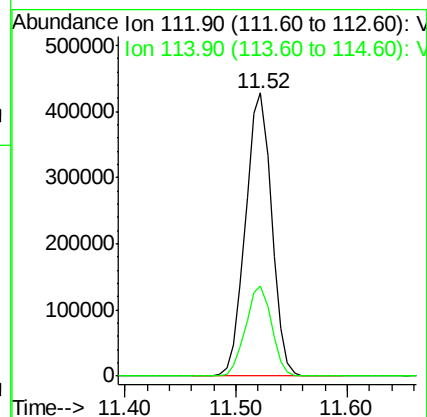
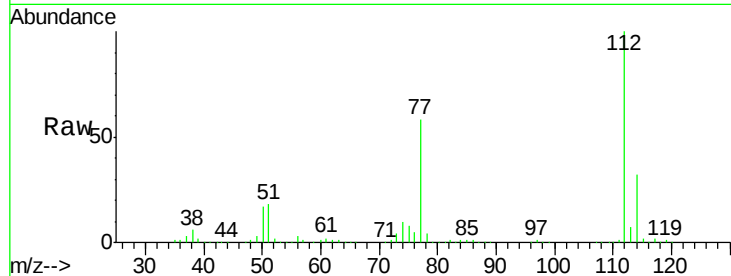
Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.2

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 93.795 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

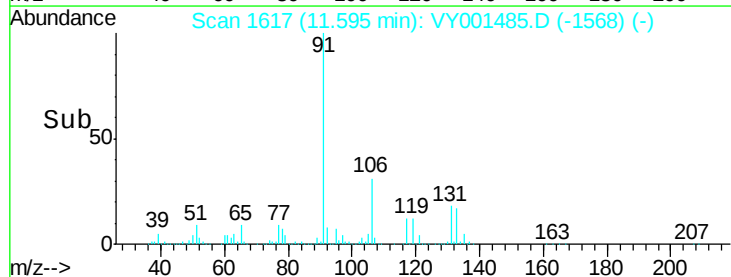
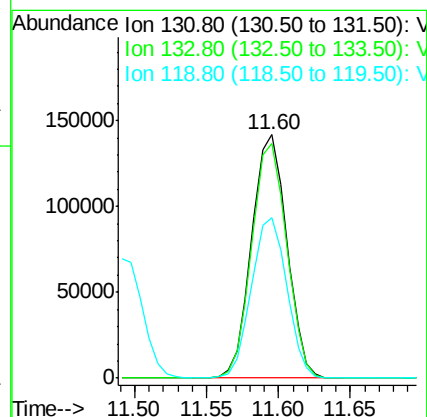
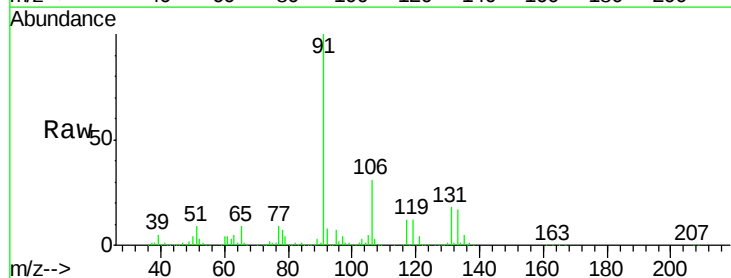
Tgt Ion:131 Resp: 239179

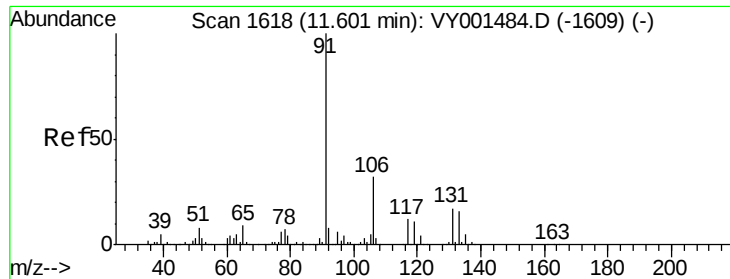
Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.8

119 66.5 33.7 101.0





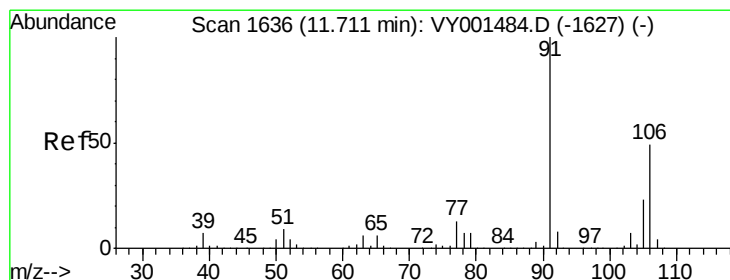
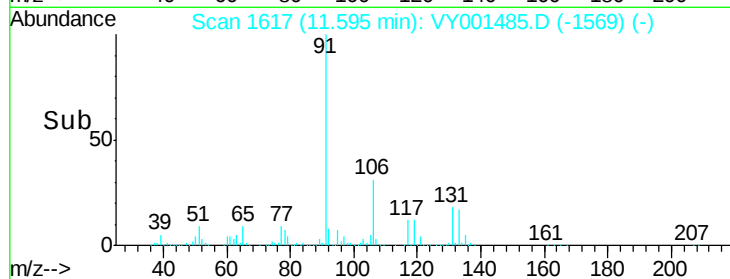
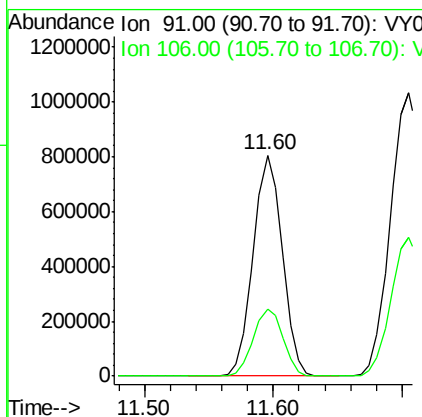
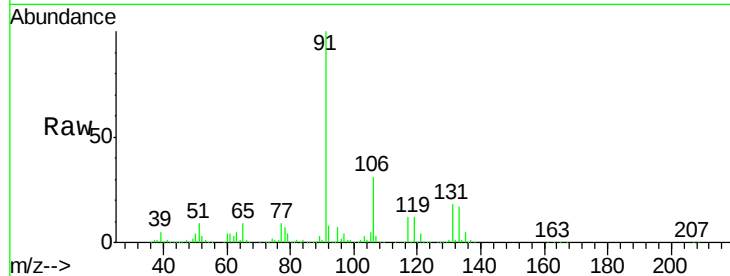
#67
Ethyl Benzene
Concen: 91.251 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC100

Tot Ion: 91 Resp: 1255143
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9

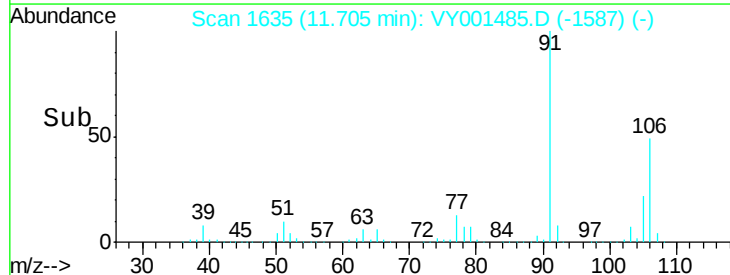
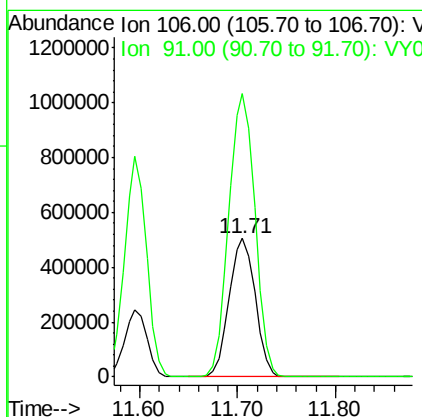
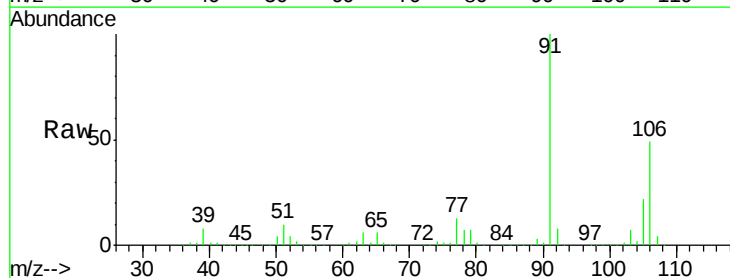
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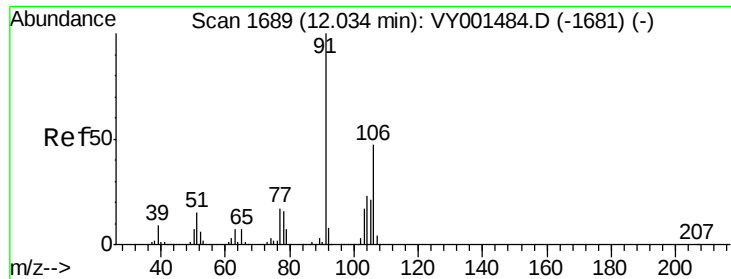
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#68
m/p-Xylenes
Concen: 182.418 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion: 106 Resp: 936479
Ion Ratio Lower Upper
106 100
91 205.2 163.6 245.4





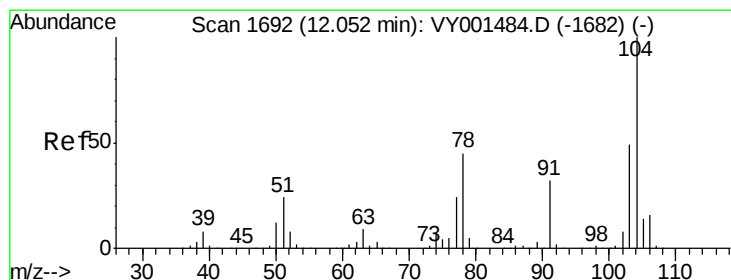
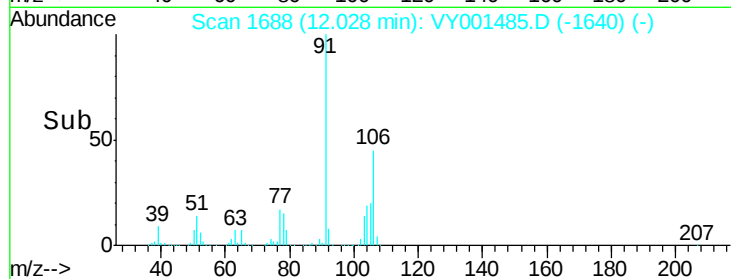
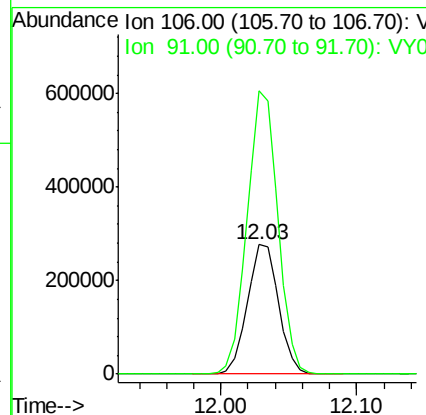
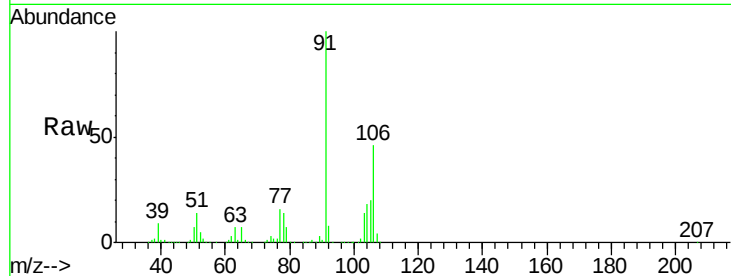
#69
o-Xylene
Concen: 89.965 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 443759
Ion Ratio Lower Upper
106 100
91 215.7 106.0 318.0

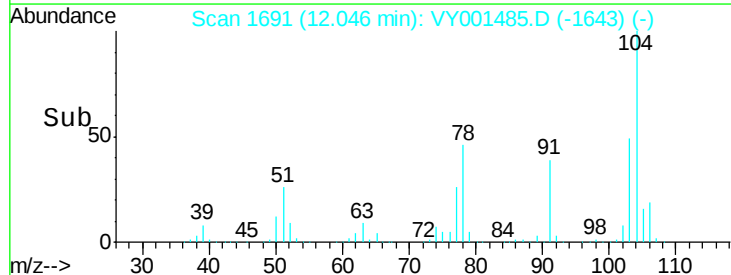
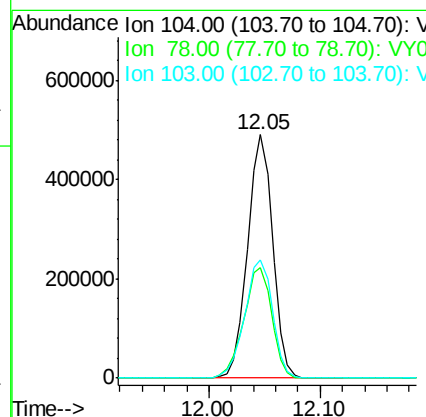
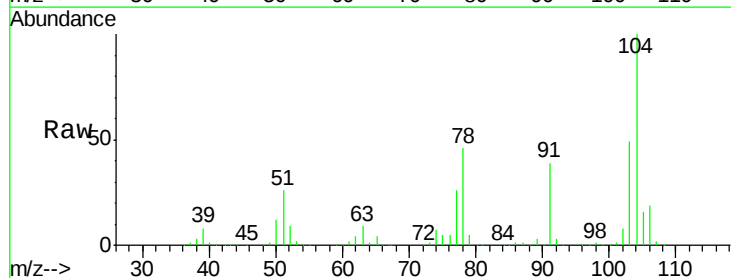
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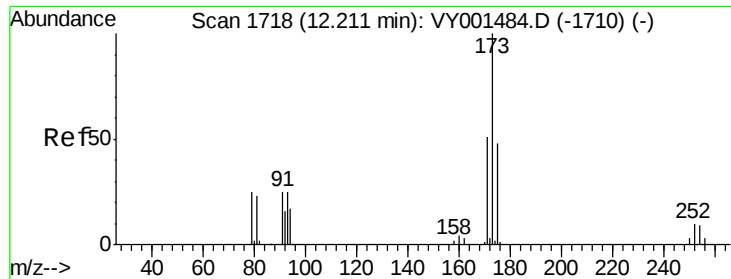
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#70
Styrene
Concen: 88.962 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion:104 Resp: 767219
Ion Ratio Lower Upper
104 100
78 50.8 40.4 60.6
103 53.9 42.8 64.2





#71

Bromoform

Concen: 90.441 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 136364

Ion Ratio Lower Upper

173 100

175 49.8 24.0 72.0

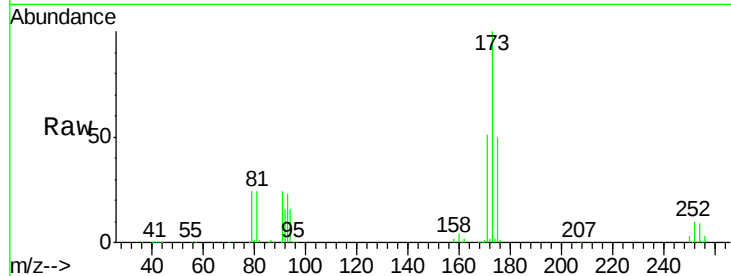
254 0.1 0.1 0.1#

Manual Integrations

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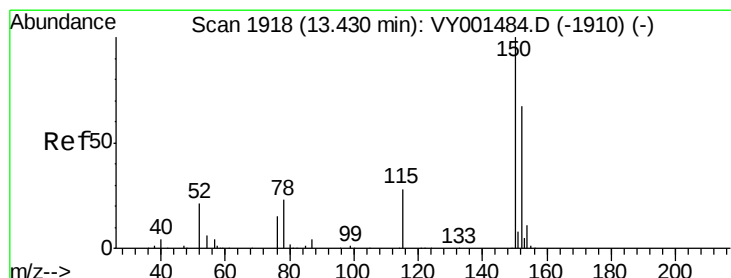
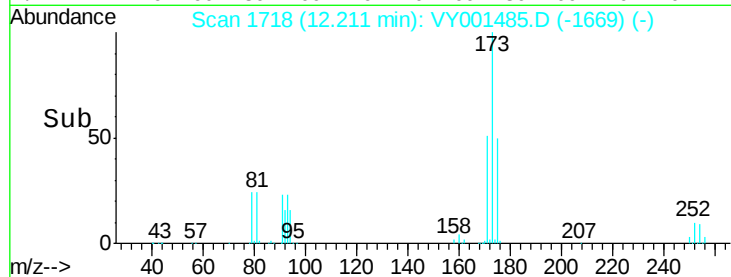
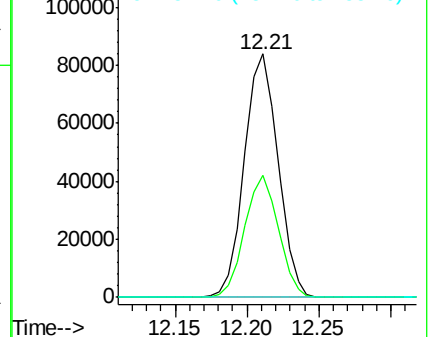
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

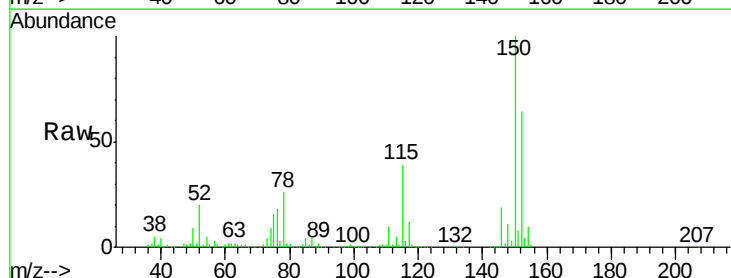
Tgt Ion:152 Resp: 158726

Ion Ratio Lower Upper

152 100

115 61.8 31.4 94.3

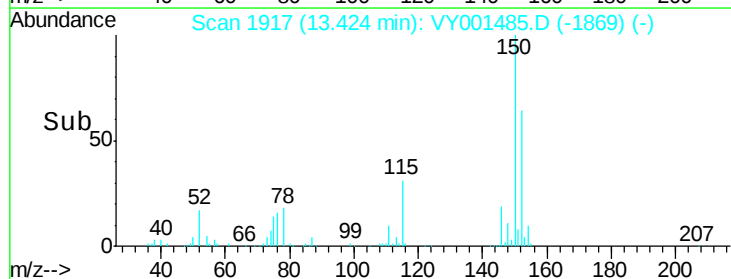
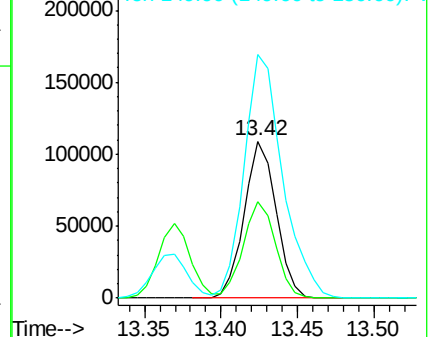
150 186.6 0.0 346.8

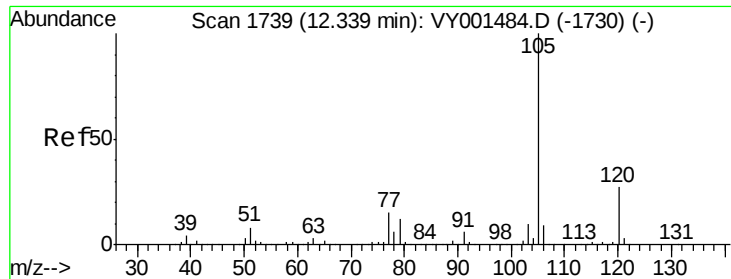


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 97.559 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1224107

Ion Ratio Lower Upper

105 100

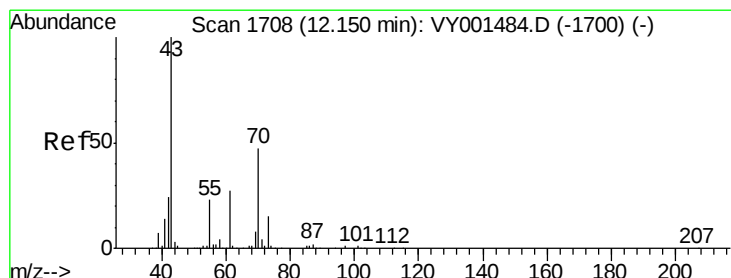
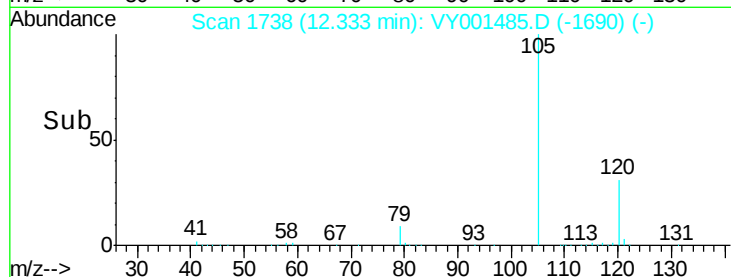
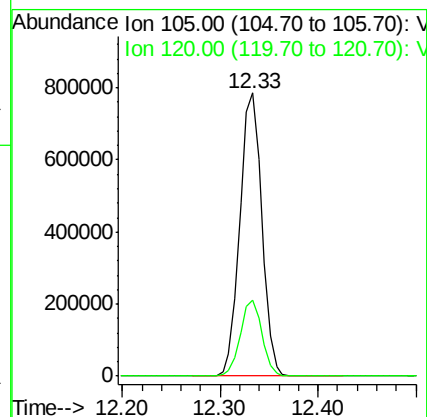
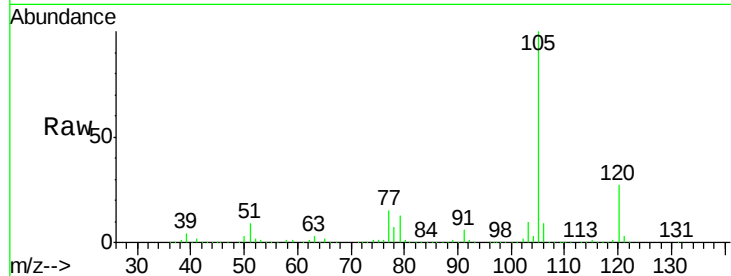
120 26.4 13.3 39.9

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#74

N-ethyl acetate

Concen: 79.396 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Tgt Ion: 43 Resp: 312887

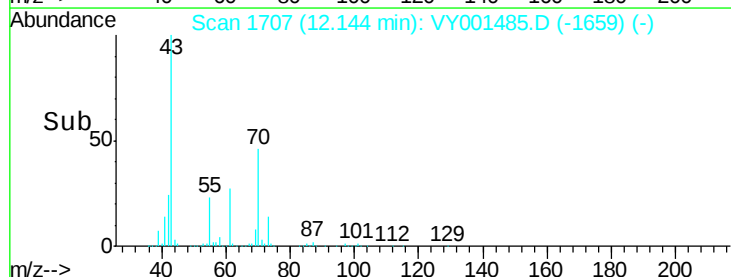
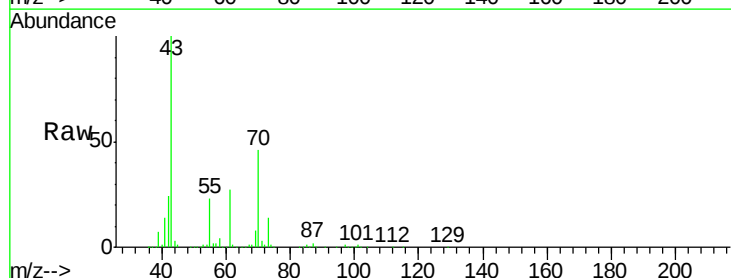
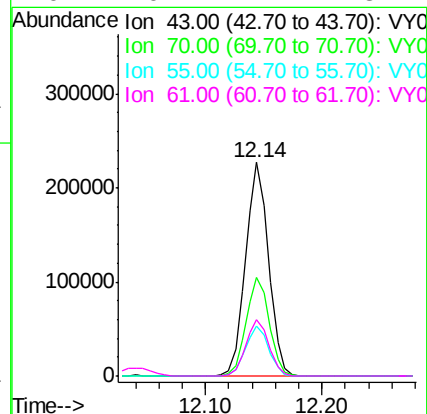
Ion Ratio Lower Upper

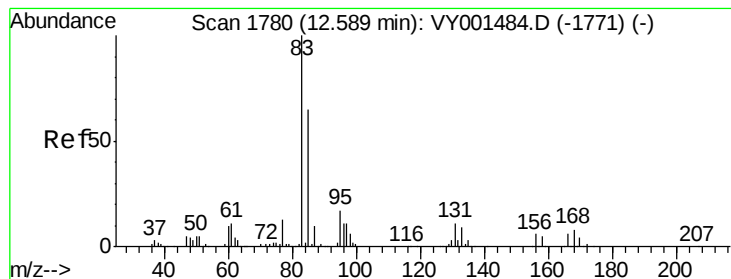
43 100

70 46.5 37.2 55.8

55 23.6 18.8 28.2

61 26.4 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 88.332 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

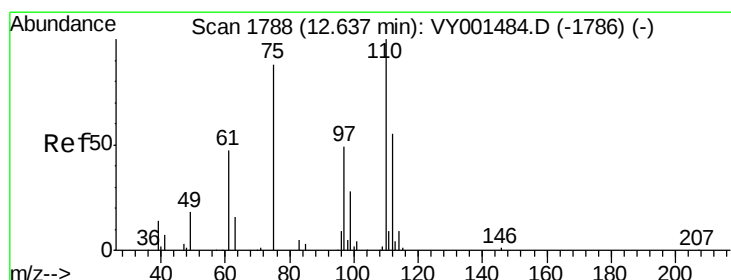
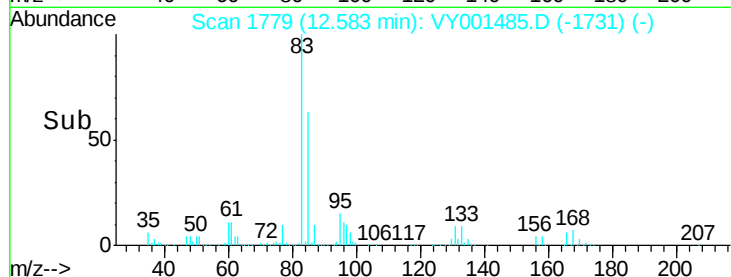
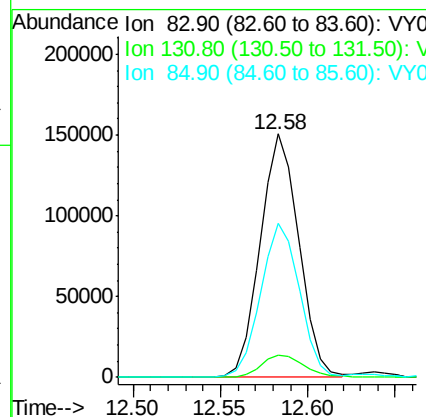
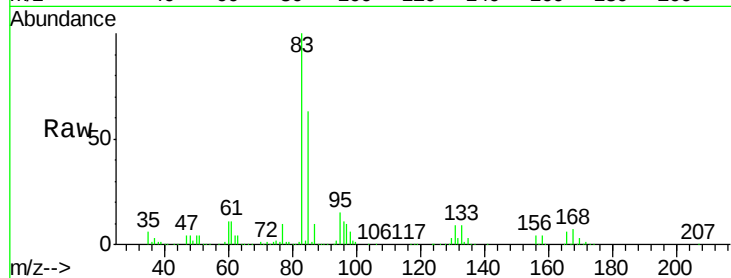
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	231128
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.4	16.2
85	63.6	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 91.464 ug/l m

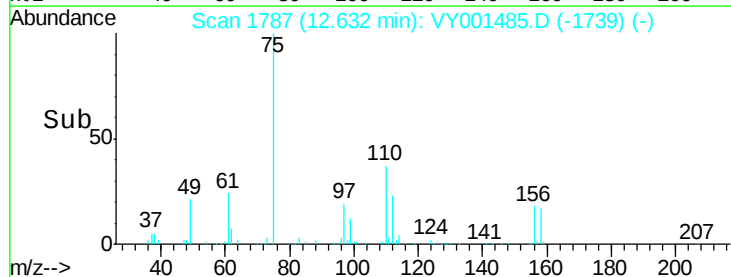
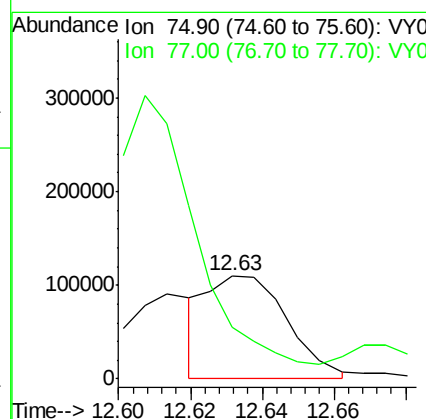
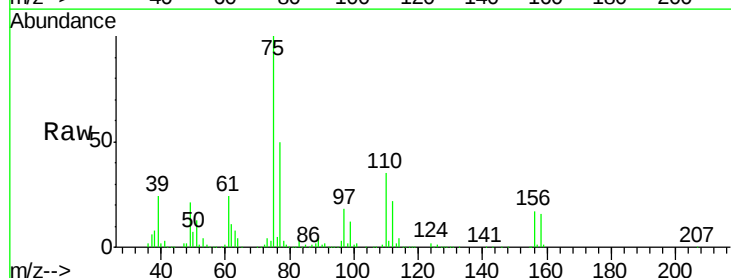
RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Tgt Ion:	75	Resp:	171815
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 94.384 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

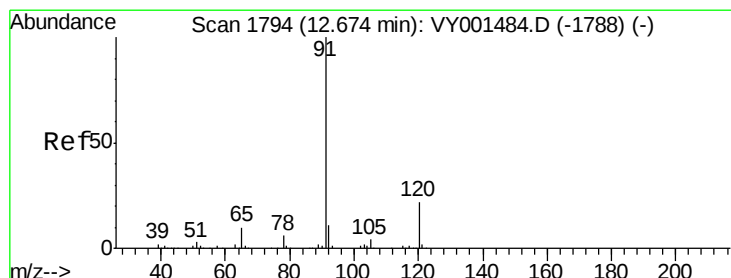
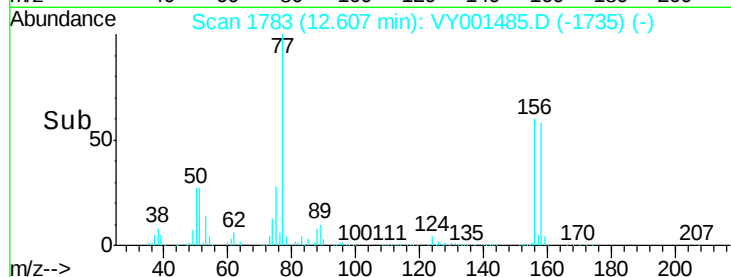
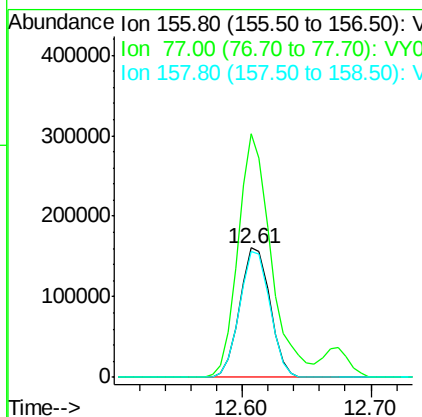
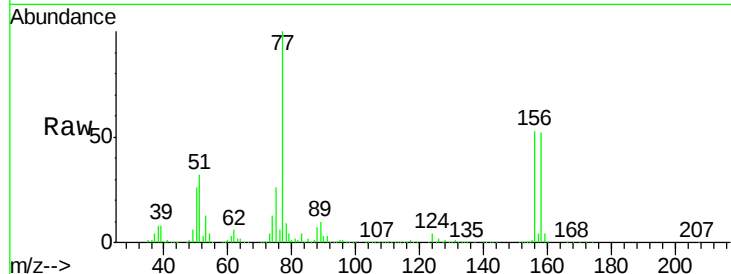
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	261379
Ion Ratio	Lower	Upper	
156	100		
77	205.3	99.8	299.3
158	97.3	47.5	142.6

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#78

n-propylbenzene

Concen: 95.841 ug/l

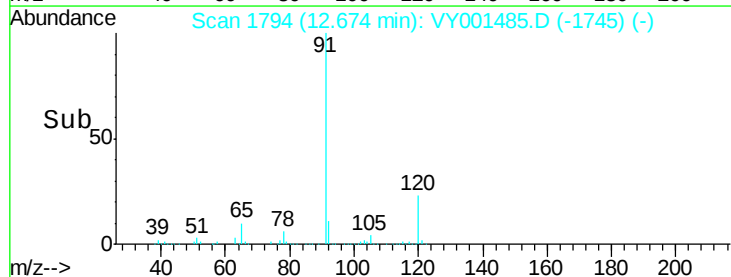
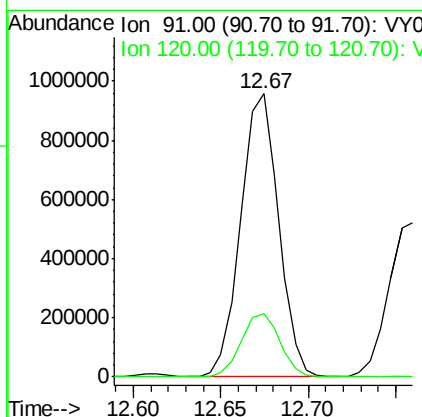
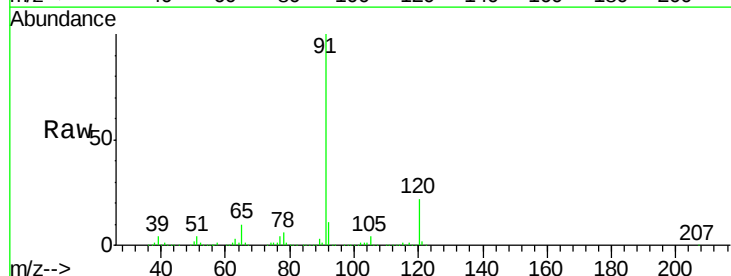
RT: 12.67 min Scan# 1794

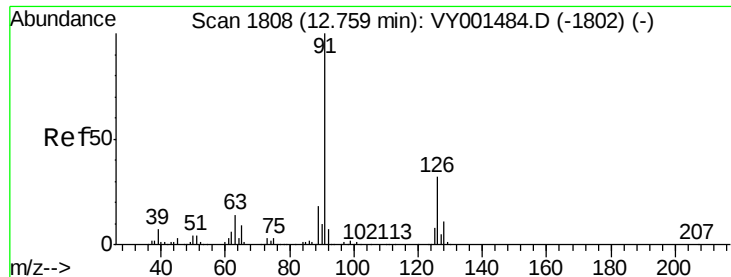
Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Tgt Ion:	91	Resp:	1442876
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.4	34.2





#79

2-Chlorotoluene

Concen: 96.411 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 830233

Ion Ratio Lower Upper

91 100

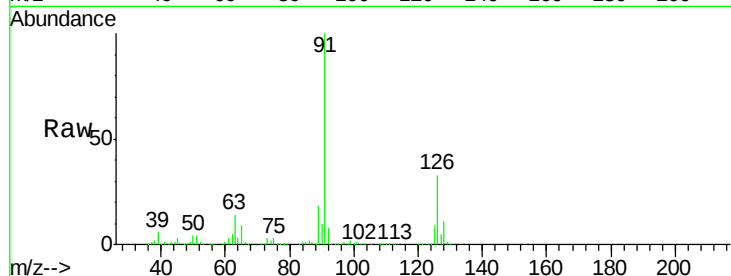
126 32.9 16.4 49.2

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Abundance Ion 91.00 (90.70 to 91.70): VY001484.D (-1802) (-)

Ion 125.90 (125.60 to 126.60): VY001484.D (-1802) (-)

800000

600000

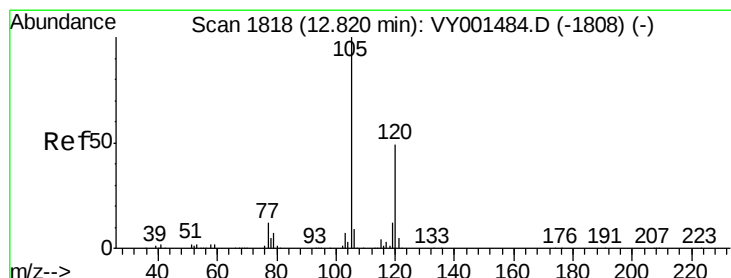
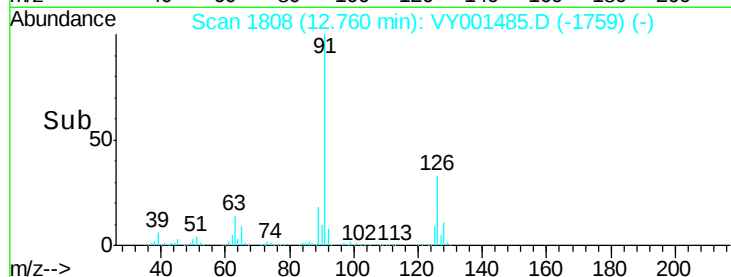
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 96.329 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001485.D

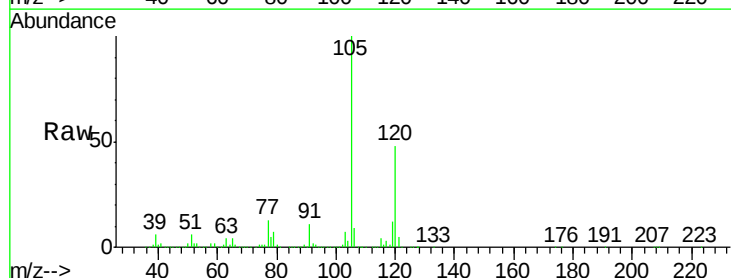
Acq: 04 Feb 2020 14:21

Tgt Ion: 105 Resp: 1009014

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001484.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY001484.D (-1808) (-)

800000

600000

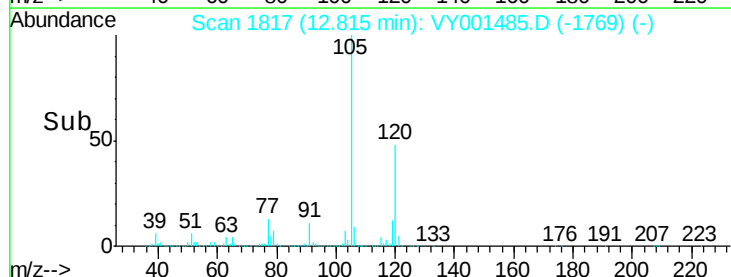
400000

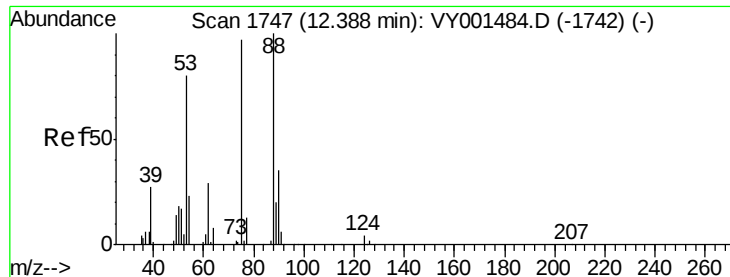
200000

0

12.75 12.80 12.85 12.90

Time-->





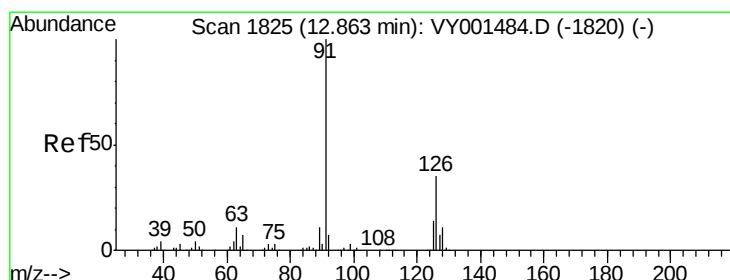
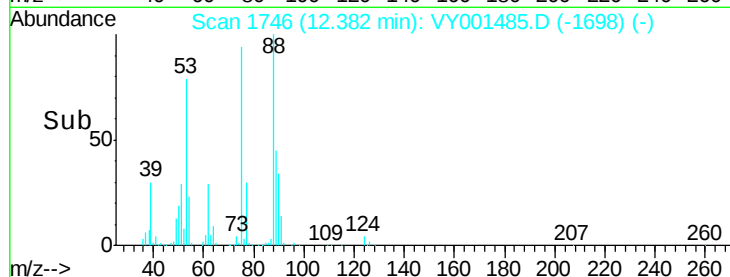
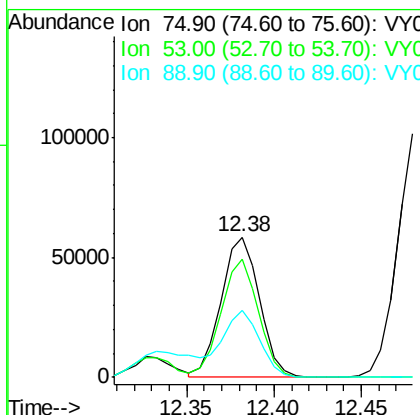
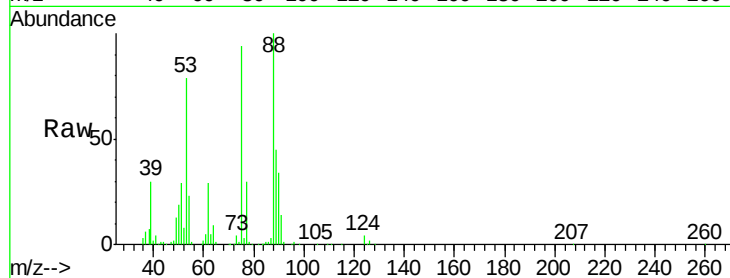
#81
trans-1,4-Dichloro-2-butene
Concen: 89.161 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	82.8	67.7	101.5
89	47.8	34.6	52.0

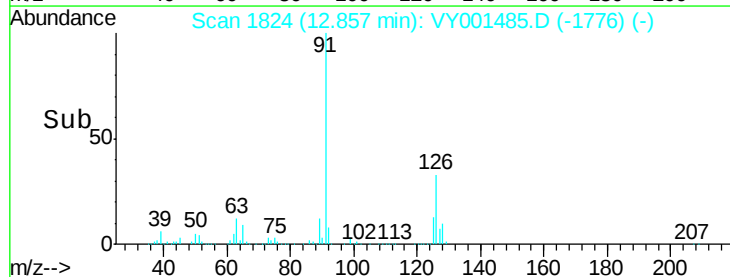
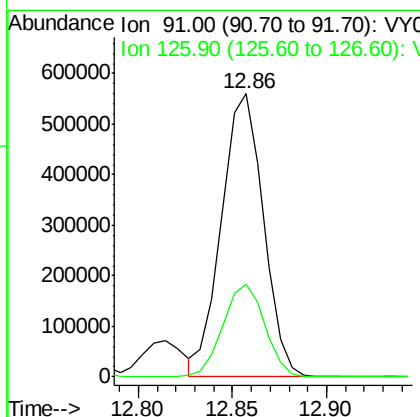
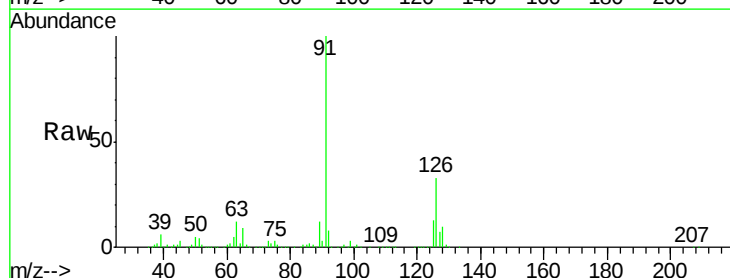
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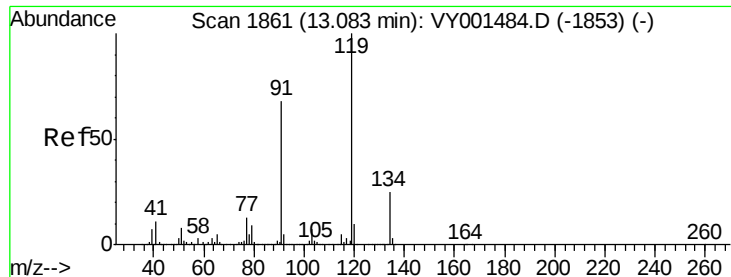
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#82
4-Chlorotoluene
Concen: 94.280 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.5	49.5





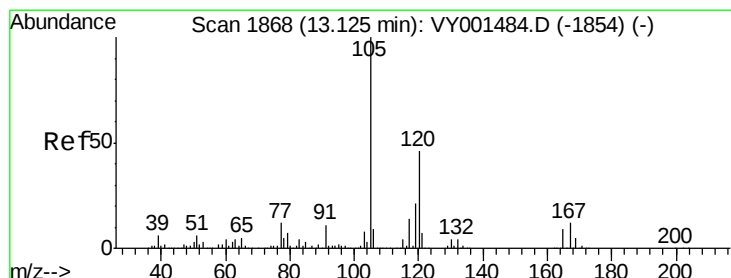
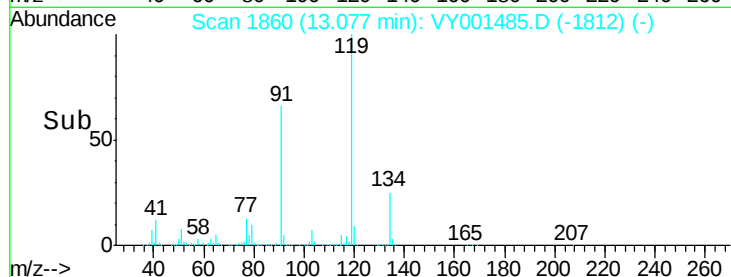
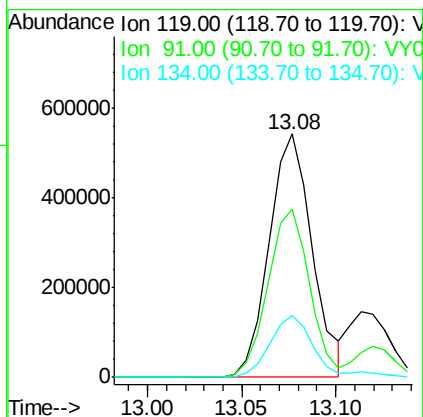
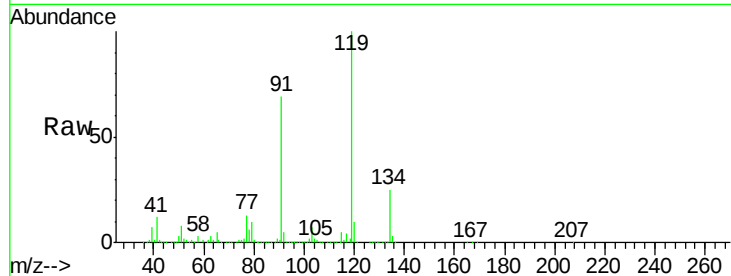
#83
tert-Butylbenzene
Concen: 97.196 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.9	33.1	99.3
134	26.2	13.0	39.0

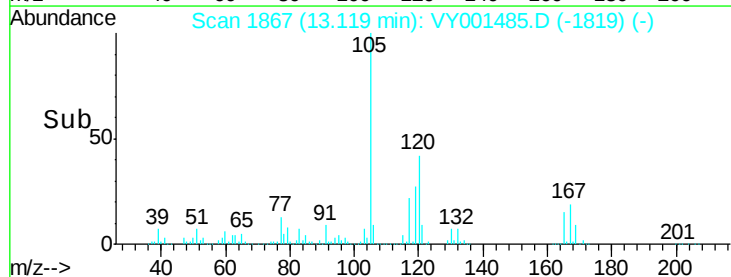
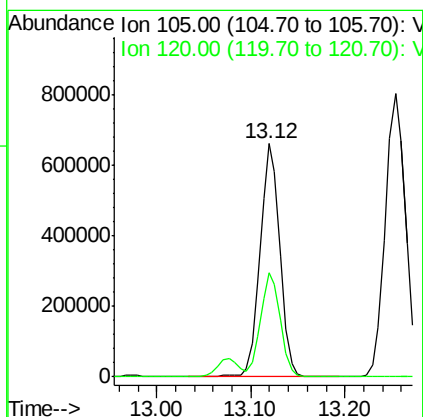
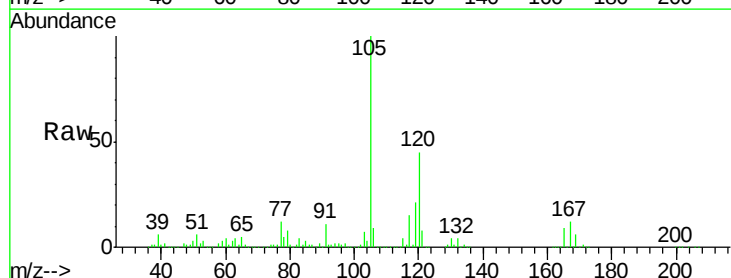
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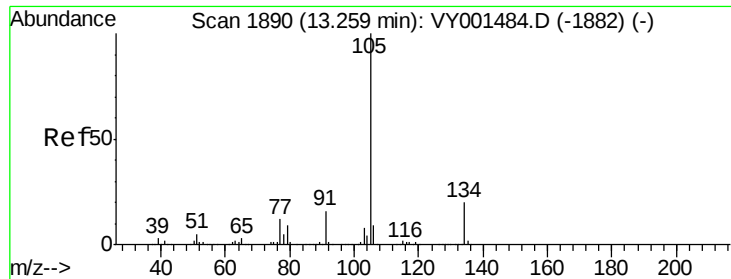
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#84
1,2,4-Trimethylbenzene
Concen: 93.602 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.4	67.0





#85

sec-Butylbenzene

Concen: 96.309 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 1204843

Ion Ratio Lower Upper

105 100

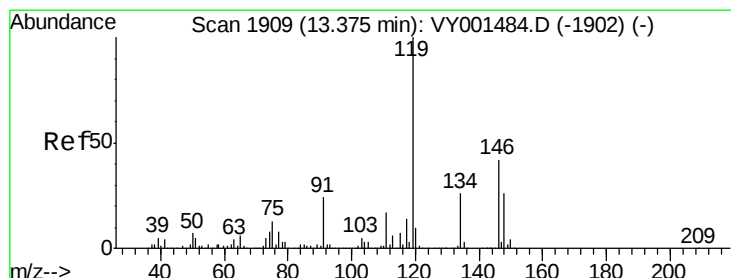
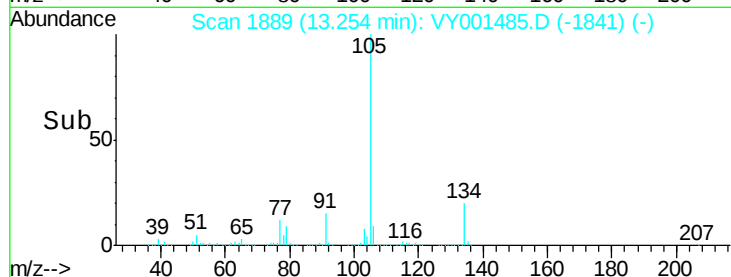
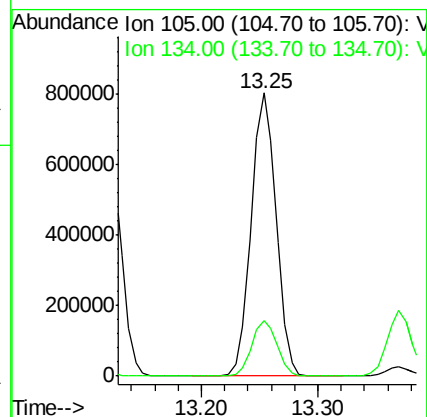
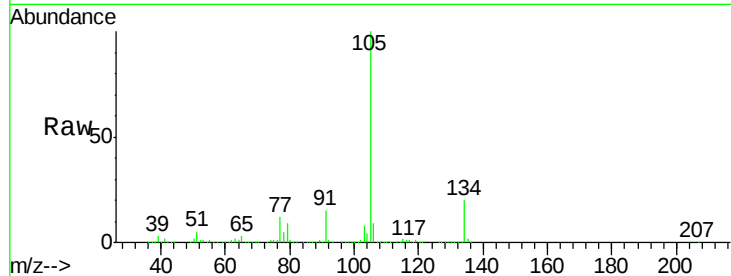
134 19.9 10.0 29.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 93.310 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

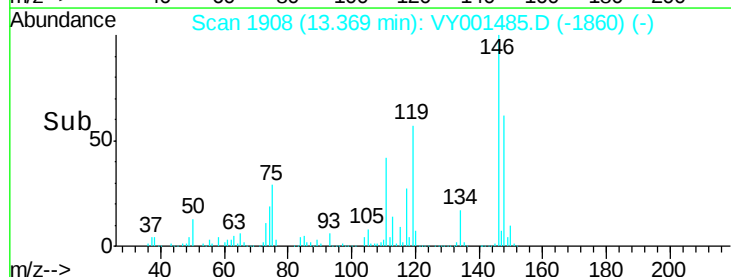
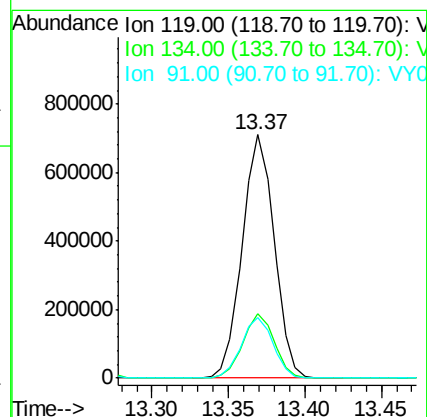
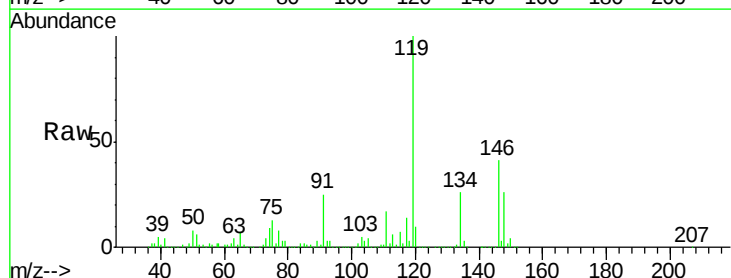
Tgt Ion:119 Resp: 1030646

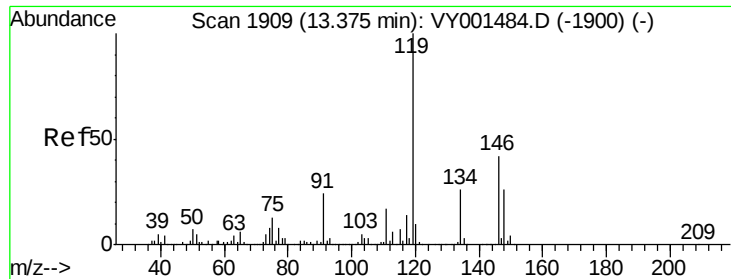
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 24.8 12.2 36.6





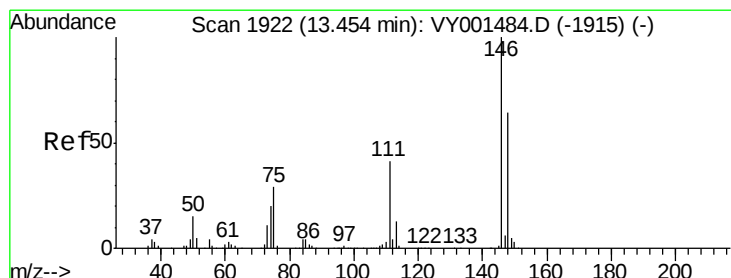
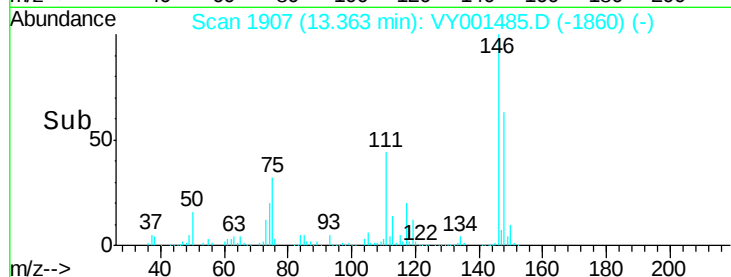
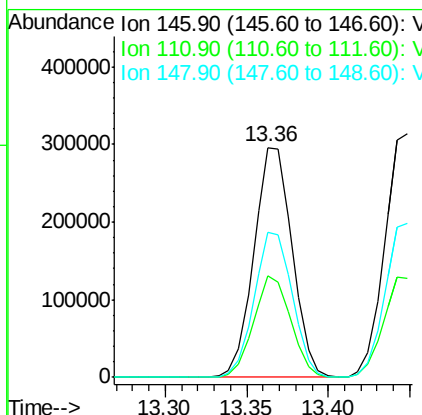
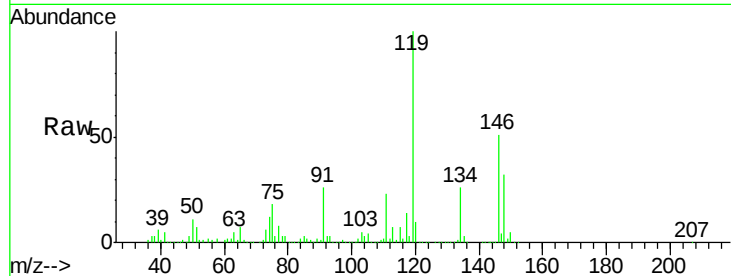
#87
 1,3-Dichlorobenzene
 Concen: 90.669 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	481268		
111	42.9	21.3	63.9	
148	62.9	31.9	95.7	

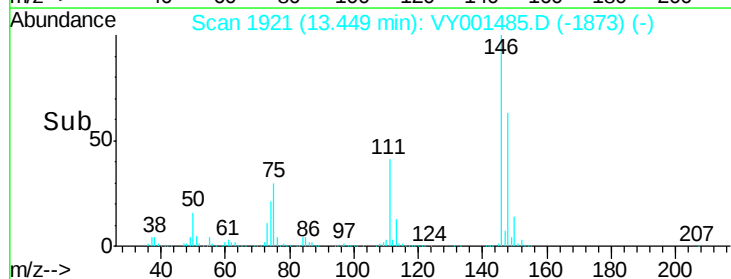
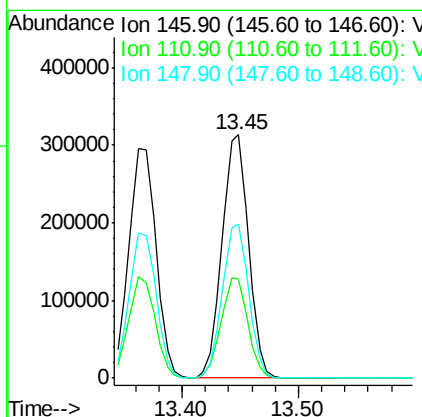
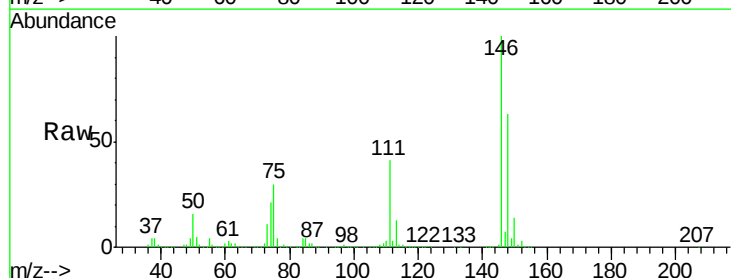
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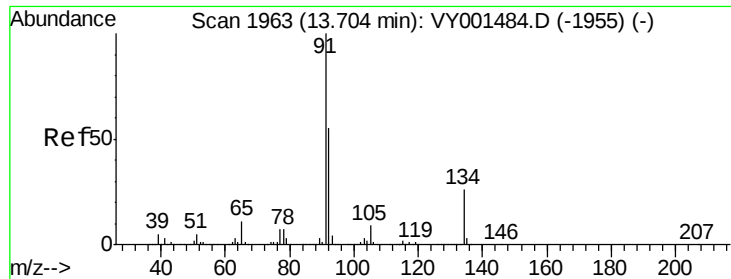
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#88
 1,4-Dichlorobenzene
 Concen: 91.399 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	492897		
111	41.4	20.7	62.1	
148	63.2	32.1	96.5	





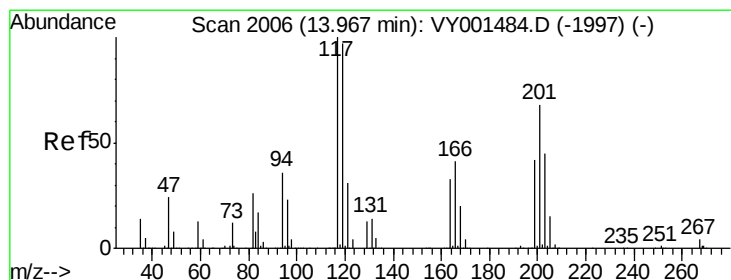
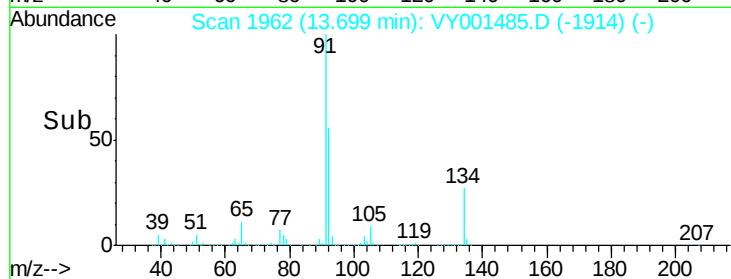
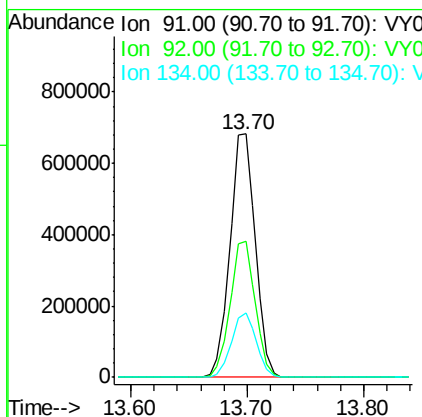
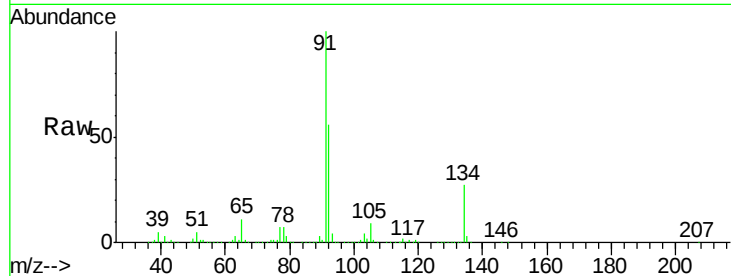
#89
n-Butylbenzene
Concen: 93.147 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.3	81.9
134	26.0	13.0	38.9

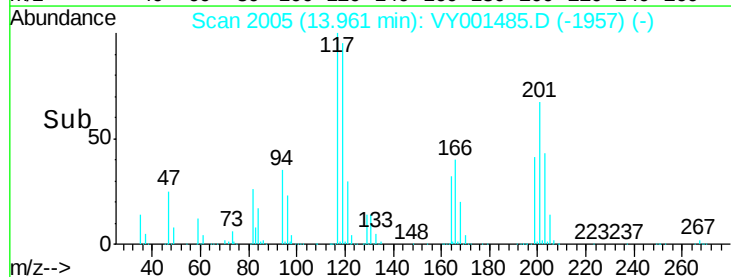
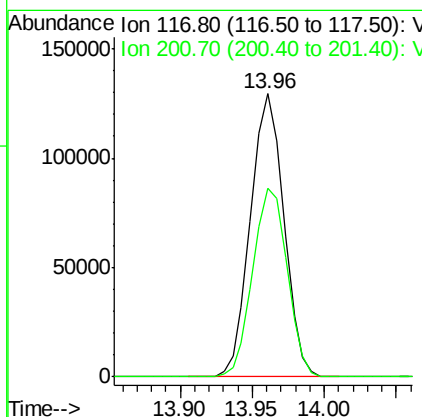
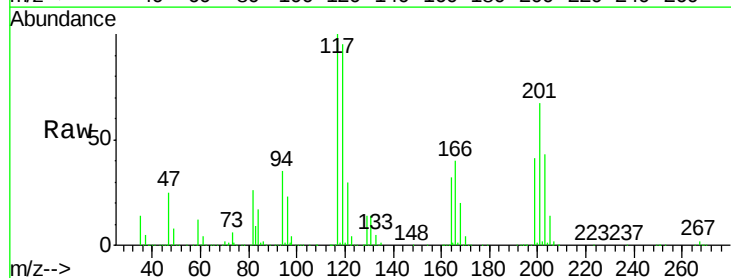
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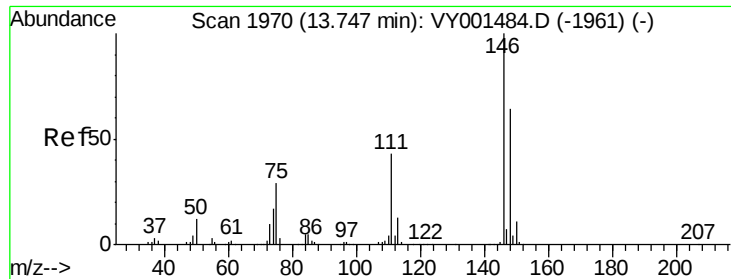
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#90
Hexachloroethane
Concen: 99.207 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.01 min
Lab File: VY001485.D
Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.7	34.1	102.3





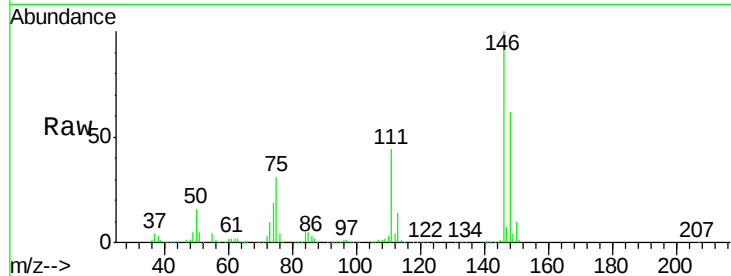
#91
 1,2-Dichlorobenzene
 Concen: 91.499 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

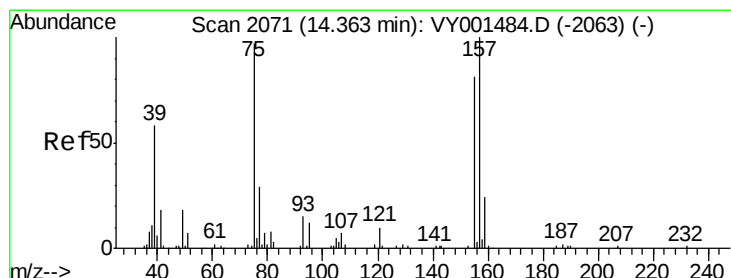
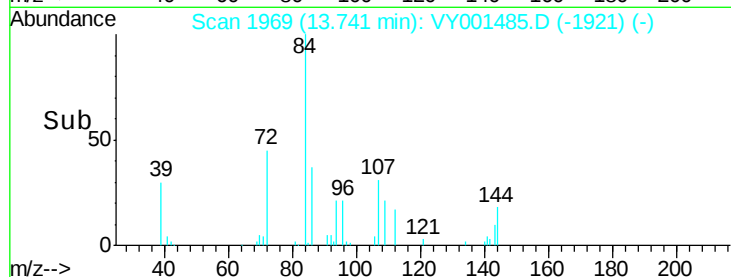
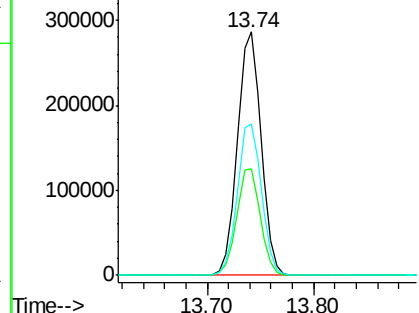
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.9	65.8
148	63.5	31.8	95.3

Manual Integrations
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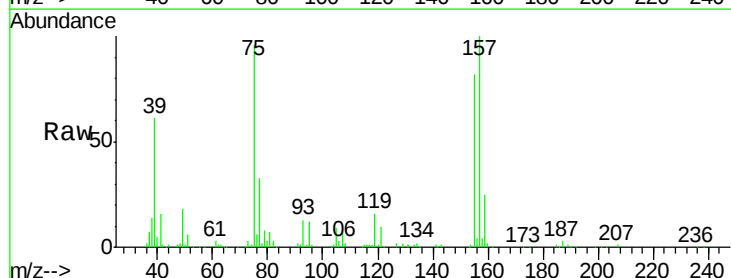


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

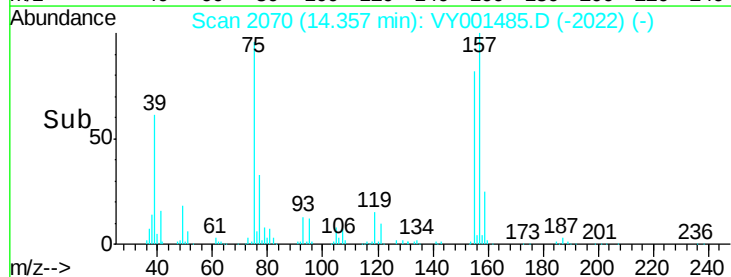
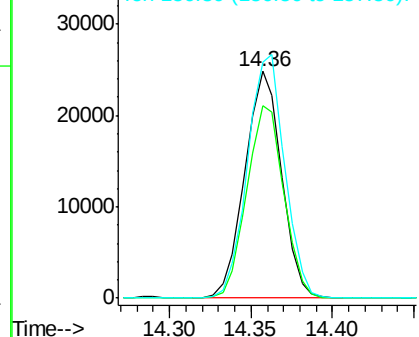


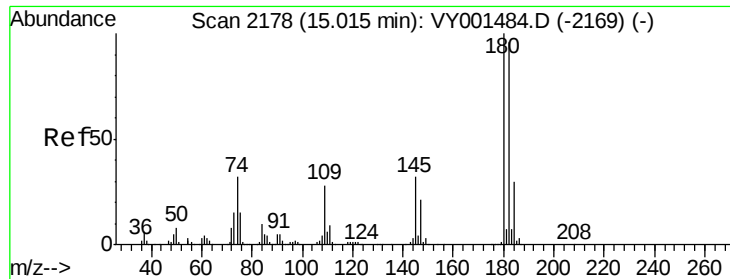
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 85.572 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.6	40.7	122.1
157	108.5	52.3	157.1



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





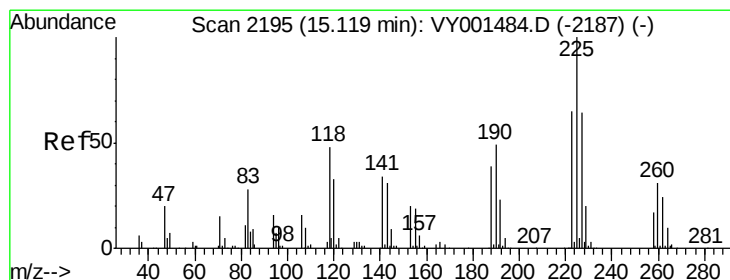
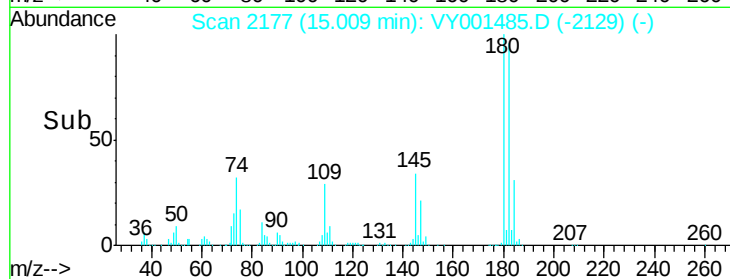
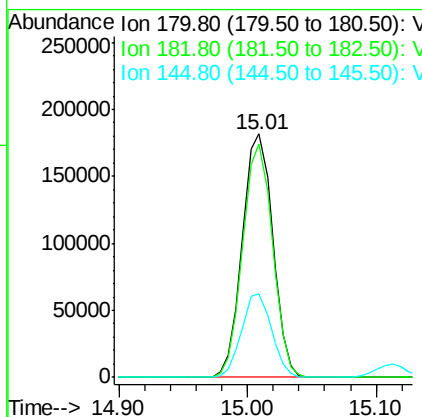
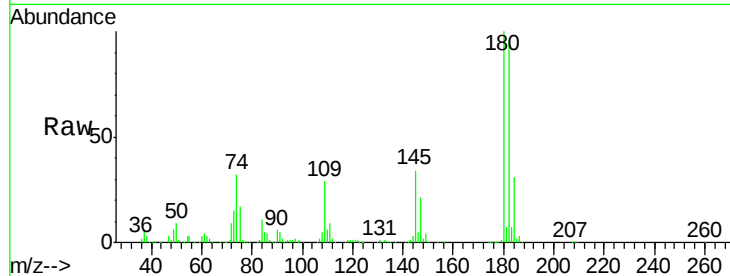
#93
 1,2,4-Trichlorobenzene
 Concen: 89.983 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	296349		
182	94.3	46.9	140.7	
145	33.9	16.8	50.3	

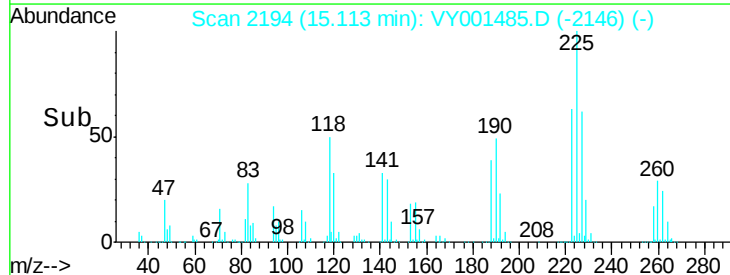
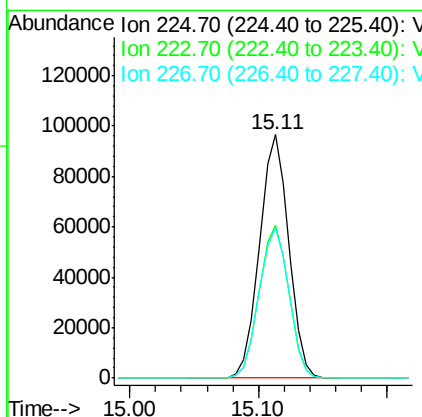
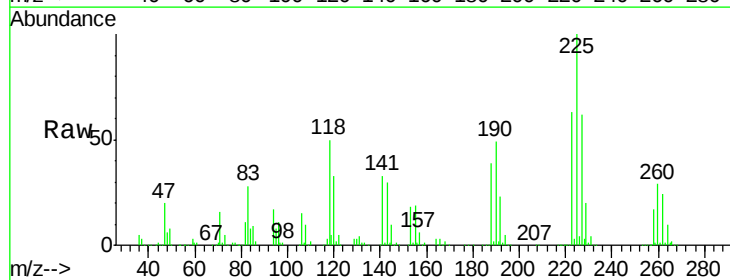
Manual Integrations
 APPROVED

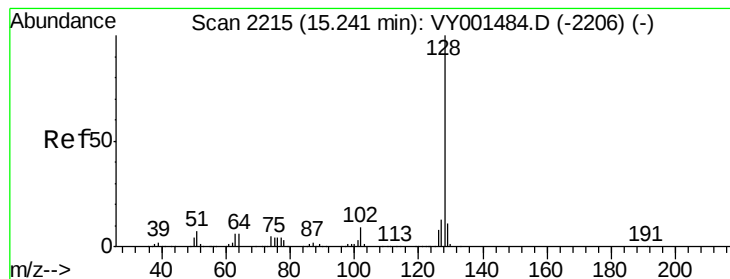
MMDadoda
 2/5/2020 12:23:46 PM



#94
 Hexachlorobutadiene
 Concen: 93.591 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: VY001485.D
 Acq: 04 Feb 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	150946		
223	63.8	31.9	95.7	
227	63.3	32.6	97.7	





#95

Naphthalene

Concen: 90.104 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Instrument :

MSVOA_Y

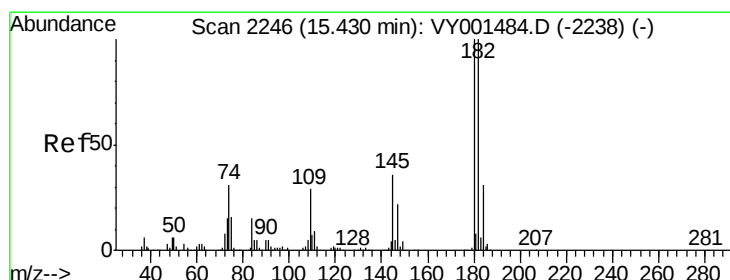
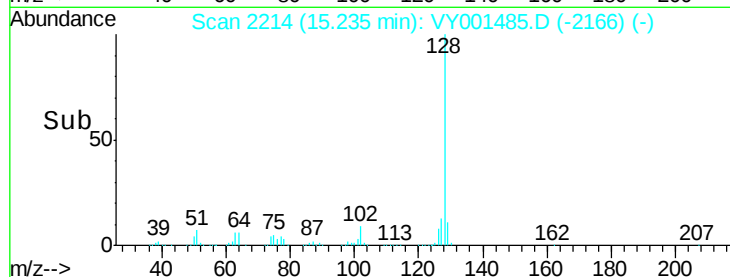
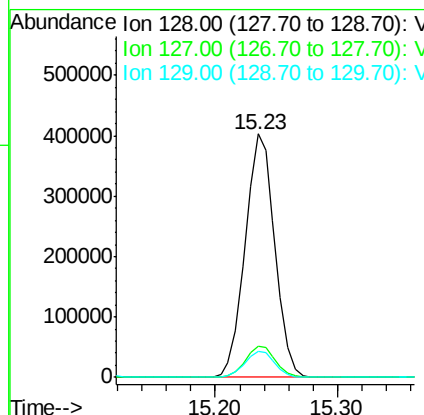
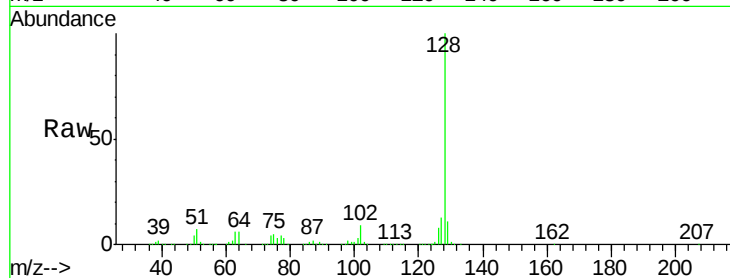
ClientSampleId :

VSTDIC100

Tot Ion:	128	Resp:	673466
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.1	15.1
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
2/5/2020 12:23:46 PM



#96

1,2,3-Trichlorobenzene

Concen: 91.750 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.01 min

Lab File: VY001485.D

Acq: 04 Feb 2020 14:21

Tgt Ion:	180	Resp:	263916
Ion Ratio	Lower	Upper	
180	100		
182	93.6	48.0	144.2
145	34.9	17.8	53.5

