

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000144.D
 Acq On : 26 Sep 2019 11:12
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 9:12:52 AM

Quant Time: Sep 26 14:11:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:00:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	202197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	335131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	291940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	138903	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	34919	19.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.44%	
35) Dibromofluoromethane	7.72	113	35951	20.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.96%	
50) Toluene-d8	10.18	98	137029	18.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.90%	
62) 4-Bromofluorobenzene	12.48	95	55895	20.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	34809	21.657	ug/l	91
3) Chloromethane	2.11	50	44756	19.082	ug/l	92
4) Vinyl Chloride	2.24	62	52106	20.678	ug/l	98
5) Bromomethane	2.62	94	34210	20.134	ug/l	96
6) Chloroethane	2.77	64	31688	20.257	ug/l	97
7) Trichlorofluoromethane	3.11	101	61610	20.284	ug/l	97
8) Diethyl Ether	3.52	74	24289	20.058	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	38747	19.543	ug/l	99
10) Methyl Iodide	4.08	142	59461	19.451	ug/l	99
11) Tert butyl alcohol	4.96	59	16001	90.447	ug/l	96
12) 1,1-Dichloroethene	3.86	96	41452	19.937	ug/l	93
13) Acrolein	3.73	56	20015	91.101	ug/l	100
14) Allyl chloride	4.47	41	52305	20.103	ug/l	98
15) Acrylonitrile	5.17	53	51200	92.968	ug/l	95
16) Acetone	3.95	43	37154	85.631	ug/l	91
17) Carbon Disulfide	4.18	76	129017	20.005	ug/l	98
18) Methyl Acetate	4.47	43	24284	18.911	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	93369	18.969	ug/l	95
20) Methylene Chloride	4.72	84	50054	19.975	ug/l	93
21) trans-1,2-Dichloroethene	5.21	96	46081	19.892	ug/l	91
22) Diisopropyl ether	6.12	45	106974	19.564	ug/l	97
23) Vinyl Acetate	6.07	43	309971	90.457	ug/l	100
24) 1,1-Dichloroethane	6.02	63	65146	19.682	ug/l	99
25) 2-Butanone	6.99	43	58144	85.530	ug/l	96
26) 2,2-Dichloropropane	6.99	77	57662	19.159	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	50119	19.468	ug/l	96
28) Bromochloromethane	7.34	49	22709	18.008	ug/l	100
29) Tetrahydrofuran	7.35	42	38167	91.073	ug/l	99
30) Chloroform	7.51	83	66796	19.281	ug/l	97
31) Cyclohexane	7.78	56	66298	19.374	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	58446	19.241	ug/l	99
36) 1,1-Dichloropropene	7.92	75	53822	19.326	ug/l	98
37) Ethyl Acetate	7.08	43	25971	17.653	ug/l #	93
38) Carbon Tetrachloride	7.90	117	53262	19.590	ug/l #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	77134	19.527	ug/l	92
40) Benzene	8.16	78	175179	19.912	ug/l	98
41) Methacrylonitrile	7.32	41	12842m	16.099	ug/l	
42) 1,2-Dichloroethane	8.24	62	40432	18.889	ug/l	97
43) Isopropyl Acetate	8.28	43	48317	17.779	ug/l	98
44) Trichloroethene	8.94	130	55765	19.836	ug/l	95
45) 1,2-Dichloropropane	9.22	63	39003	20.097	ug/l	96
46) Dibromomethane	9.31	93	22305	18.832	ug/l	98
47) Bromodichloromethane	9.50	83	52060	19.500	ug/l	99
48) Methyl methacrylate	9.30	41	20556	16.892	ug/l	96
49) 1,4-Dioxane	9.30	88	6374	348.337	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	123330	87.433	ug/l	98
52) Toluene	10.24	92	114487	20.094	ug/l	96
53) t-1,3-Dichloropropene	10.47	75	54488	19.430	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	66201	19.920	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	32697	18.566	ug/l	93
56) Ethyl methacrylate	10.51	69	41613	18.165	ug/l	98
57) 1,3-Dichloropropane	10.79	76	54927	19.409	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	101062	93.926	ug/l	100
59) 2-Hexanone	10.83	43	86745	86.525	ug/l	98
60) Dibromochloromethane	10.99	129	38020	19.098	ug/l	97
61) 1,2-Dibromoethane	11.09	107	32913	19.585	ug/l	99
64) Tetrachloroethene	10.72	164	56609	19.574	ug/l	96
65) Chlorobenzene	11.52	112	117145	19.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	41058	20.000	ug/l	99
67) Ethyl Benzene	11.59	91	201532	19.406	ug/l	98
68) m/p-Xylenes	11.70	106	167271	39.843	ug/l	99
69) o-Xylene	12.03	106	76420	19.086	ug/l	98
70) Styrene	12.04	104	130419	19.247	ug/l	99
71) Bromoform	12.21	173	21396	17.736	ug/l #	96
73) Isopropylbenzene	12.33	105	196786	19.636	ug/l	99
74) N-amyl acetate	12.14	43	43741	18.031	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	27983	17.938	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	27959m	20.435	ug/l	
77) Bromobenzene	12.60	156	48971	19.780	ug/l	97
78) n-propylbenzene	12.67	91	236663	19.810	ug/l	100
79) 2-Chlorotoluene	12.75	91	129620	19.941	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	164092	19.683	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	12595	17.955	ug/l	95
82) 4-Chlorotoluene	12.85	91	134610	19.875	ug/l	95
83) tert-Butylbenzene	13.07	119	143271	19.957	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	166999	19.822	ug/l	97
85) sec-Butylbenzene	13.25	105	202985	19.693	ug/l	99
86) p-Isopropyltoluene	13.36	119	182504	19.883	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	94323	19.884	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	92516	19.592	ug/l	99
89) n-Butylbenzene	13.69	91	173140	19.849	ug/l	98
90) Hexachloroethane	13.95	117	33331	19.221	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	82637	19.066	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5238	17.018	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	59437	19.765	ug/l	99
94) Hexachlorobutadiene	15.11	225	28280	19.274	ug/l	96
95) Naphthalene	15.23	128	121370	18.025	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	51923	19.252	ug/l	99

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

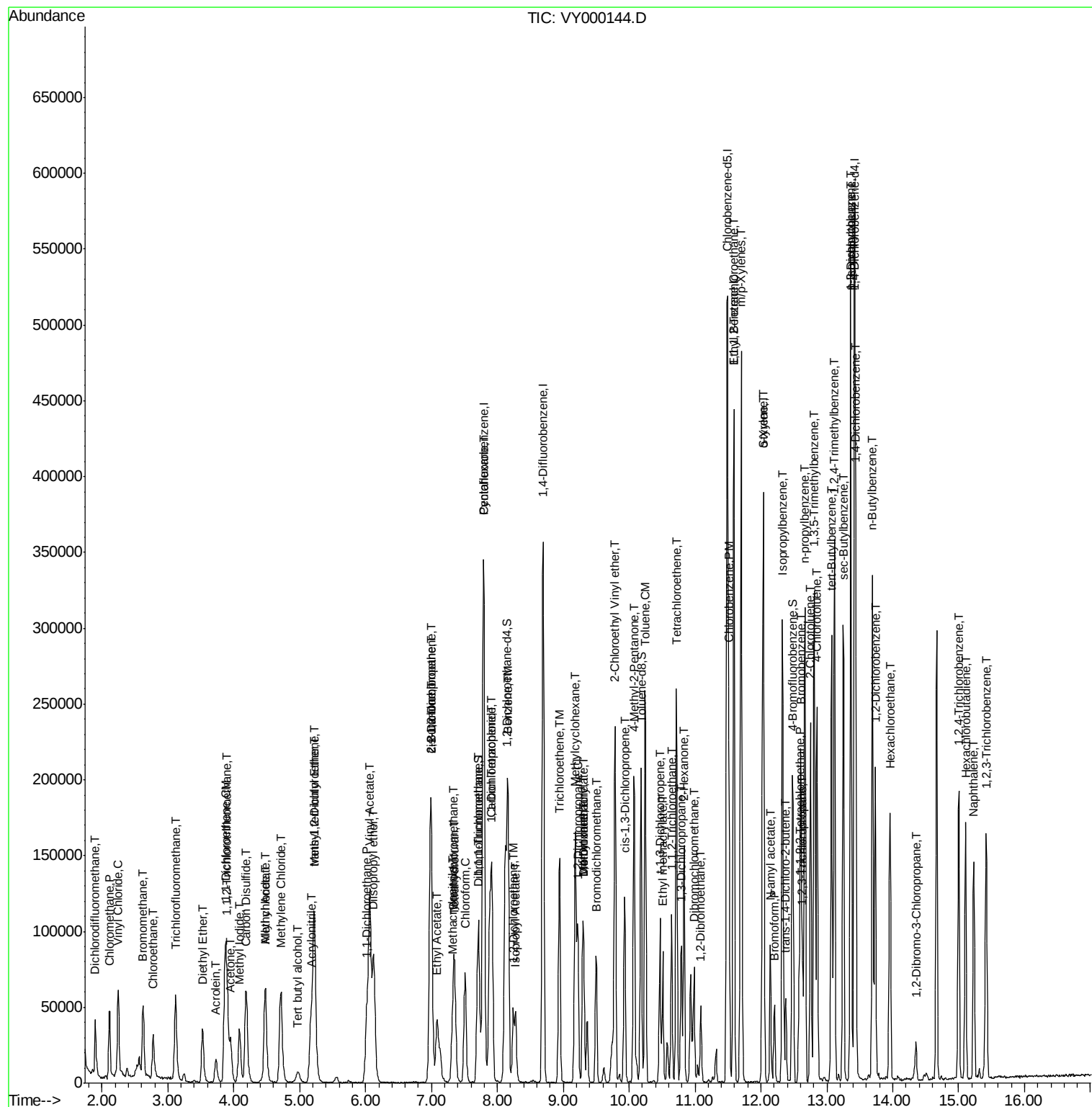
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Data File : VY000144.D
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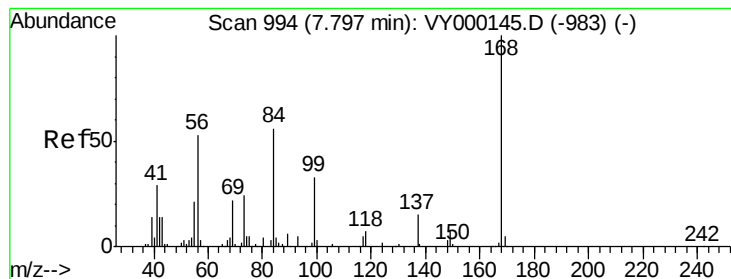
Instrument :
MSVOA_Y
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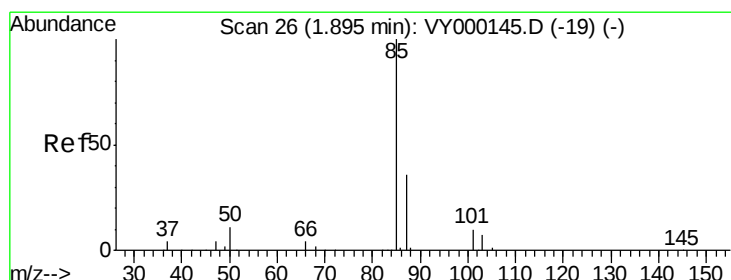
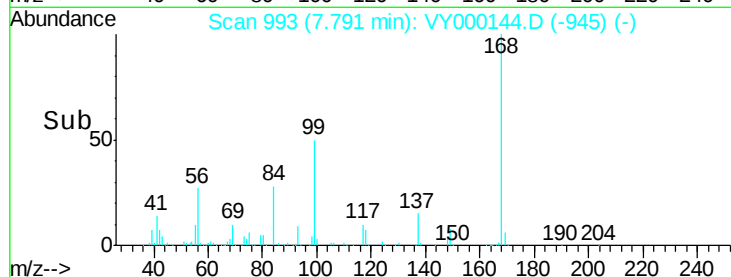
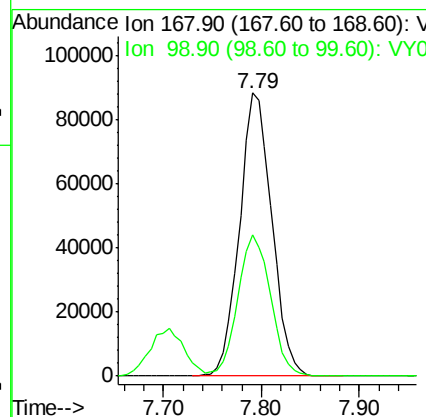
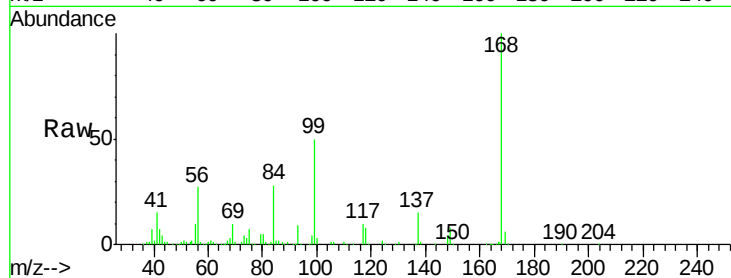
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
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ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.0	37.9	56.9

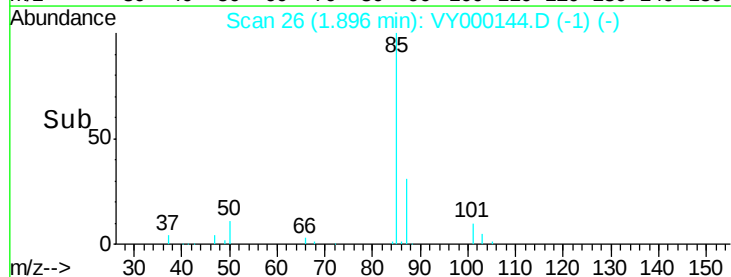
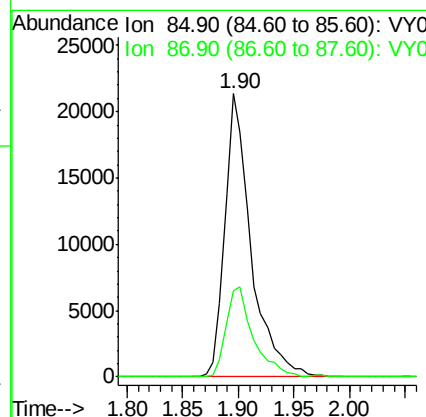
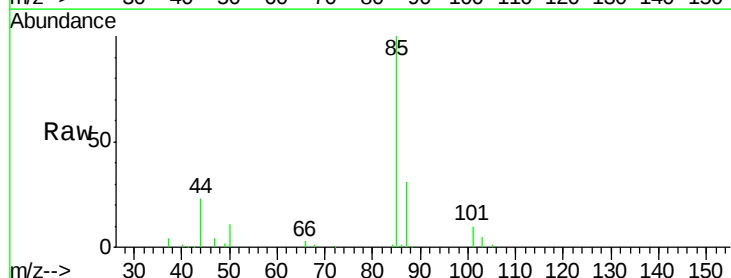
Manual Integrations
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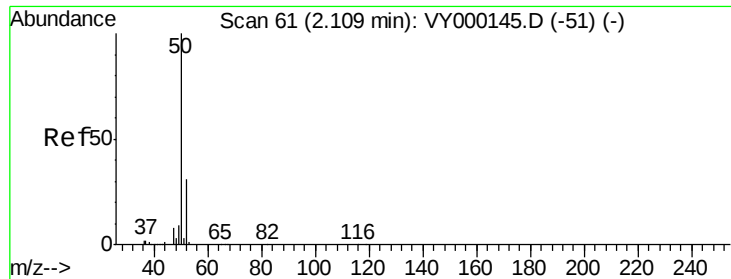
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#2
Dichlorodifluoromethane
Concen: 21.657 ug/l
RT: 1.90 min Scan# 26
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.7	17.9	53.8





#3

Chloromethane

Concen: 19.082 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 44756

Ion Ratio Lower Upper

50 100

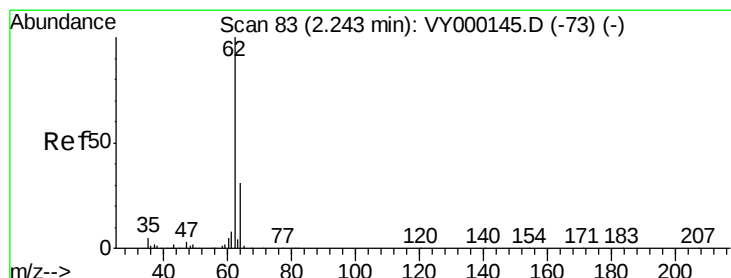
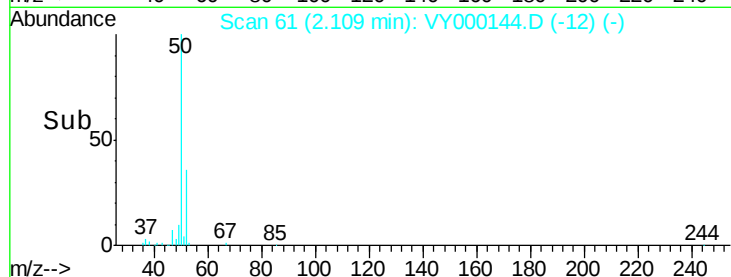
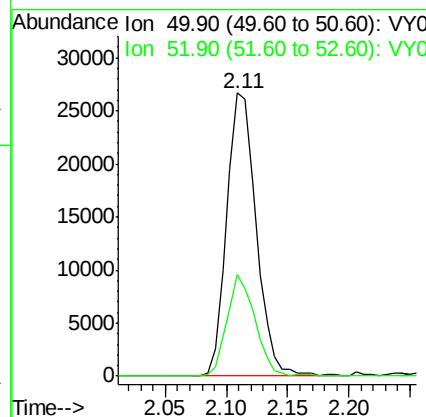
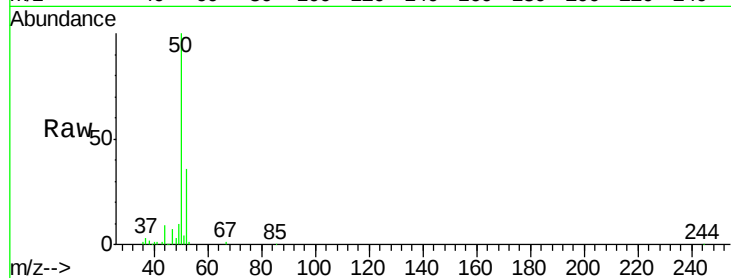
52 35.8 25.0 37.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.678 ug/l

RT: 2.24 min Scan# 83

Delta R.T. 0.00 min

Lab File: VY000144.D

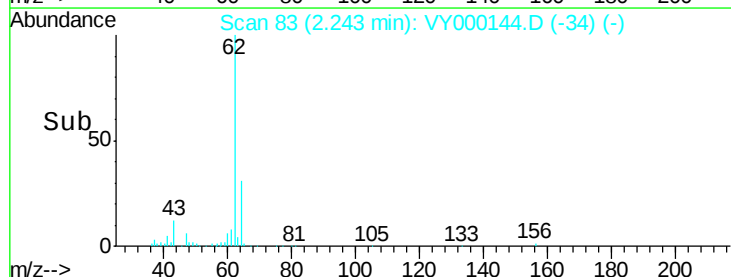
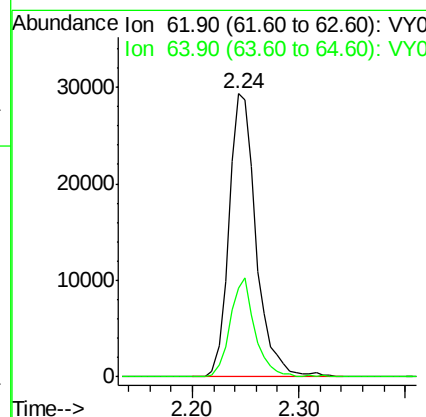
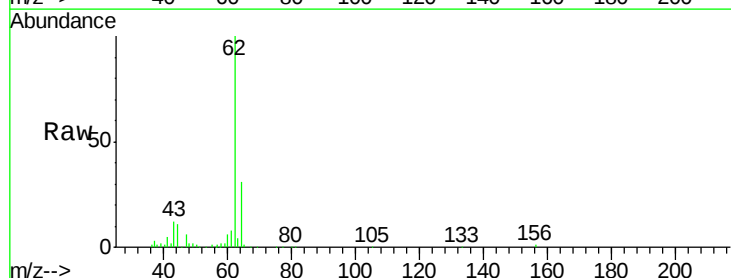
Acq: 26 Sep 2019 11:12

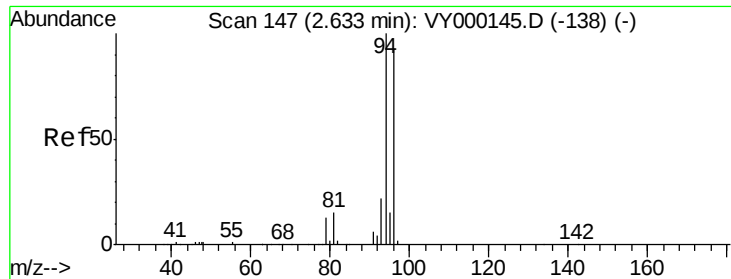
Tgt Ion: 62 Resp: 52106

Ion Ratio Lower Upper

62 100

64 31.5 24.5 36.7





#5

Bromomethane

Concen: 20.134 ug/l

RT: 2.62 min Scan# 145

Delta R.T. -0.01 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 34210

Ion Ratio Lower Upper

94 100

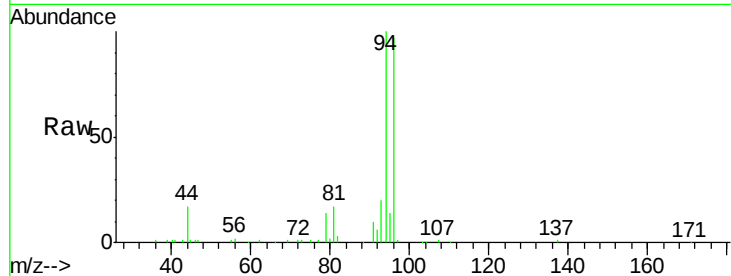
96 96.6 74.6 111.8

Manual Integrations

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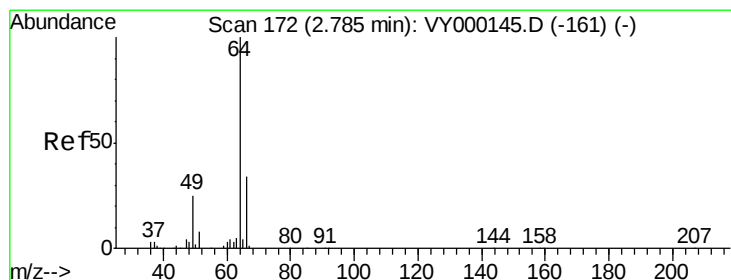
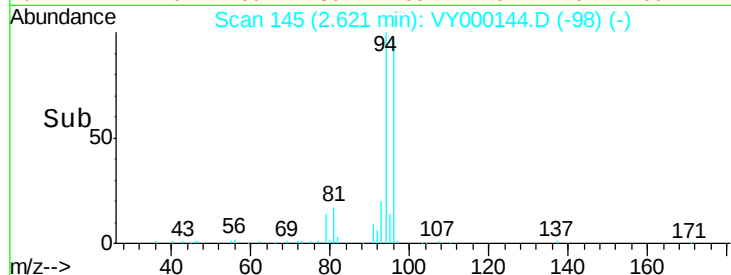
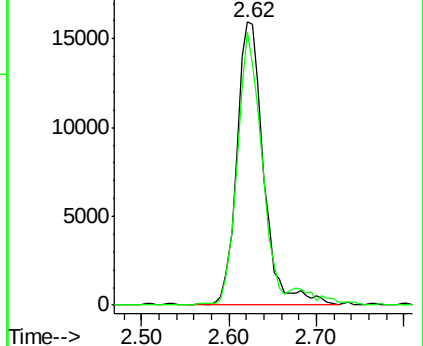
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.257 ug/l

RT: 2.77 min Scan# 170

Delta R.T. -0.01 min

Lab File: VY000144.D

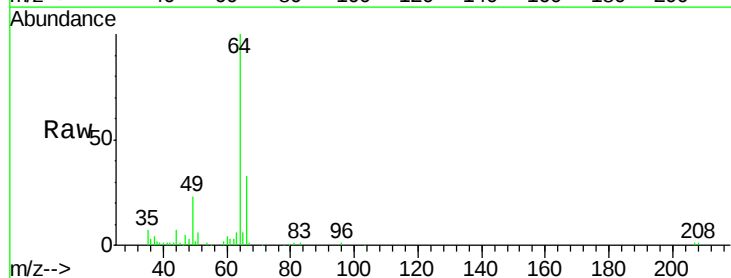
Acq: 26 Sep 2019 11:12

Tgt Ion: 64 Resp: 31688

Ion Ratio Lower Upper

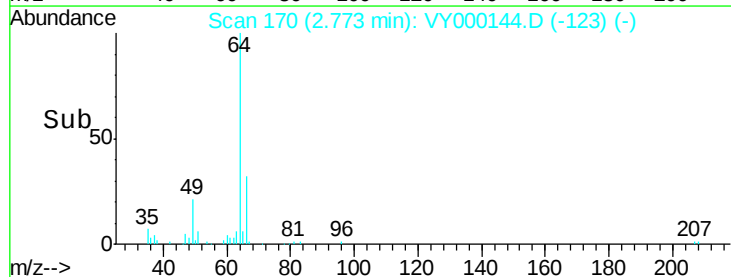
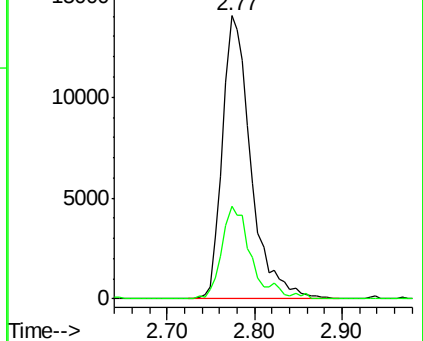
64 100

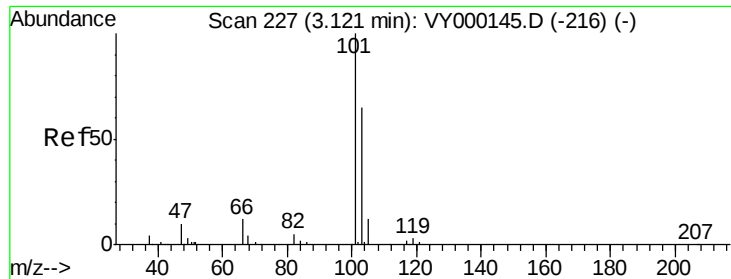
66 32.6 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

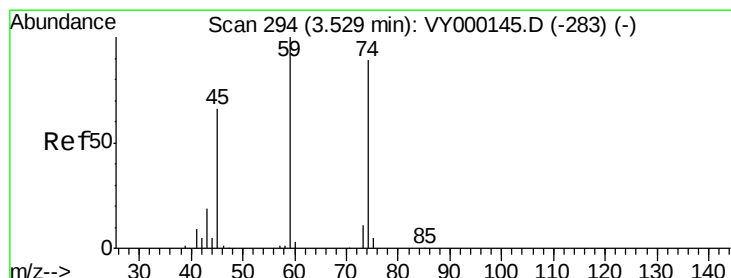
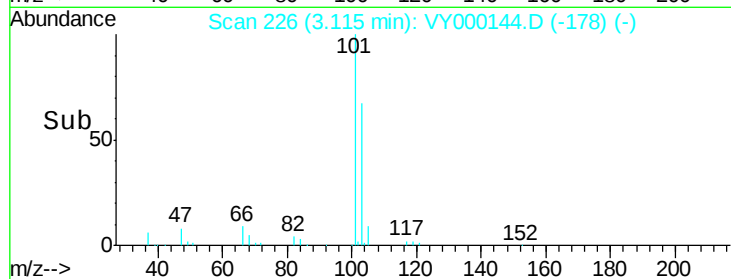
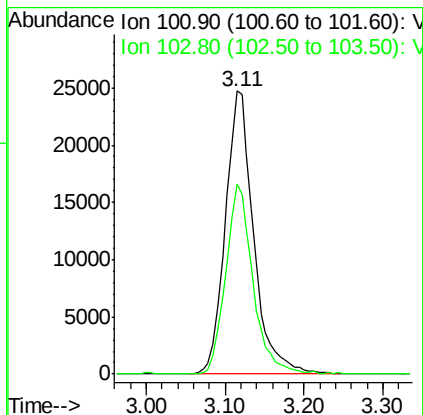
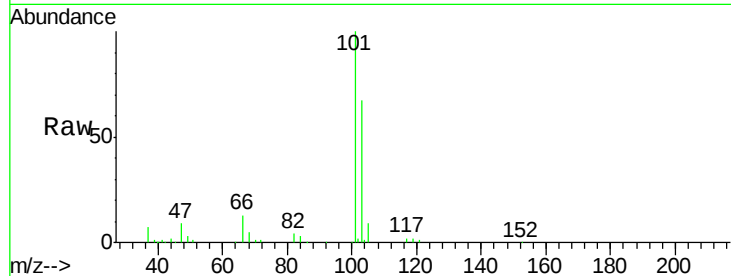
Trichlorofluoromethane
Concen: 20.284 ug/l
RT: 3.11 min Scan# 226
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

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Tot Ion:101 Resp: 61610
Ion Ratio Lower Upper
101 100
103 67.1 51.9 77.9

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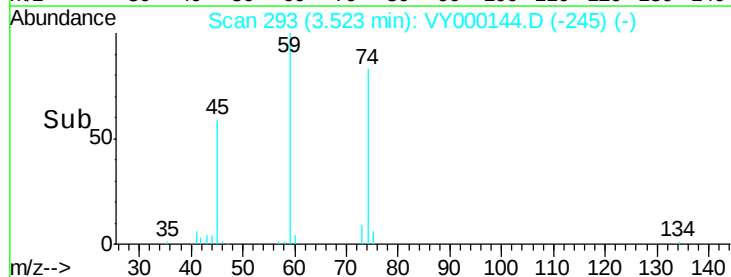
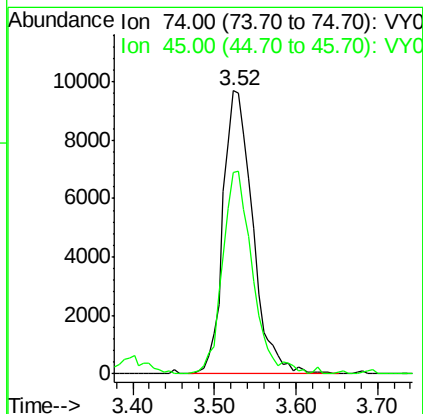
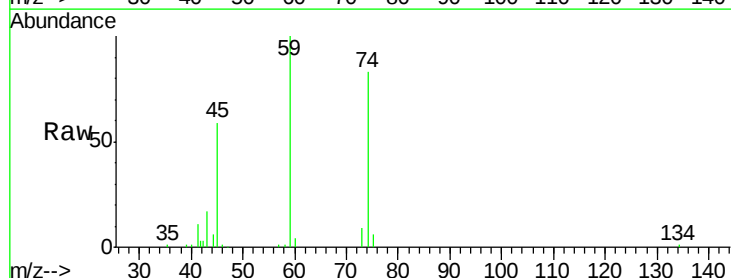
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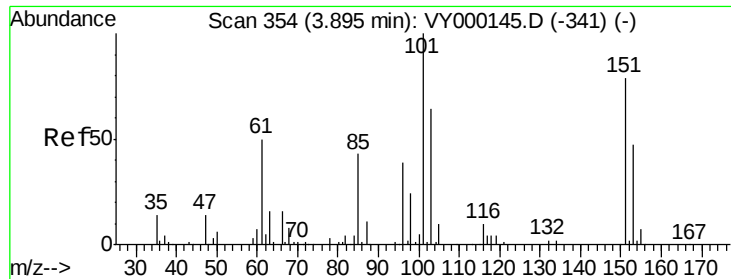


#8

Diethyl Ether
Concen: 20.058 ug/l
RT: 3.52 min Scan# 293
Delta R.T. -0.01 min
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Tgt Ion: 74 Resp: 24289
Ion Ratio Lower Upper
74 100
45 72.5 37.7 113.1





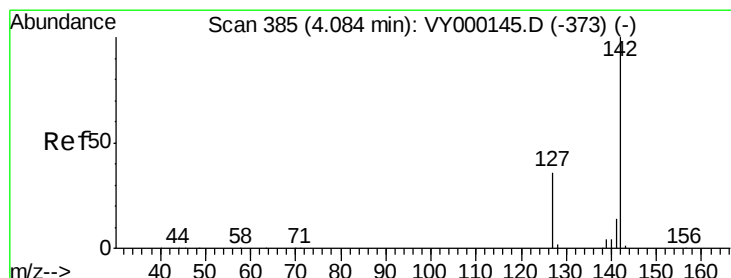
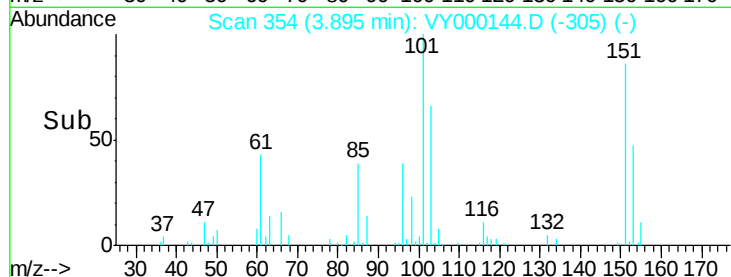
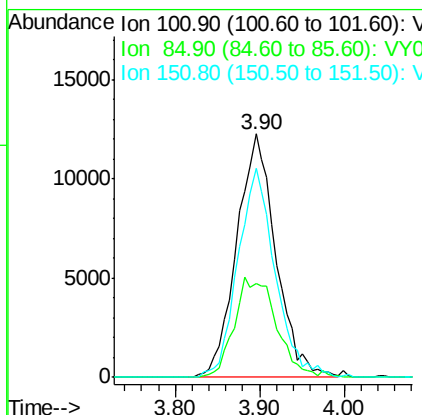
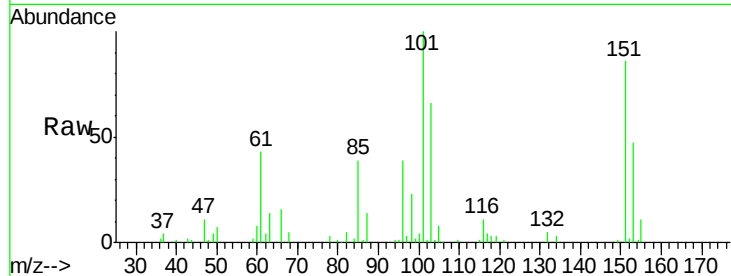
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.543 ug/l
RT: 3.90 min Scan# 354
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	38747		
85	43.6		34.8	52.2
151	81.8		64.0	96.0

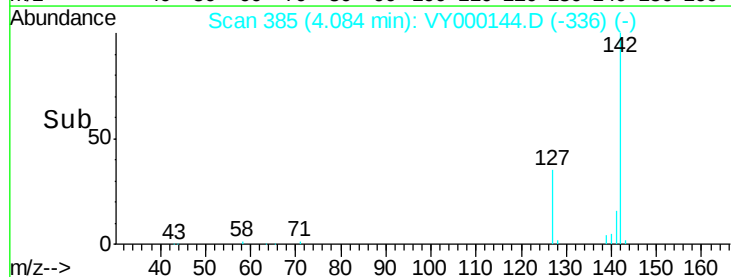
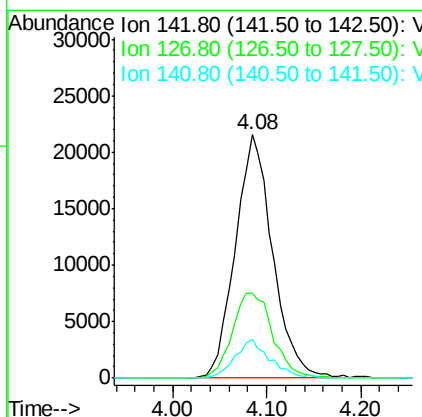
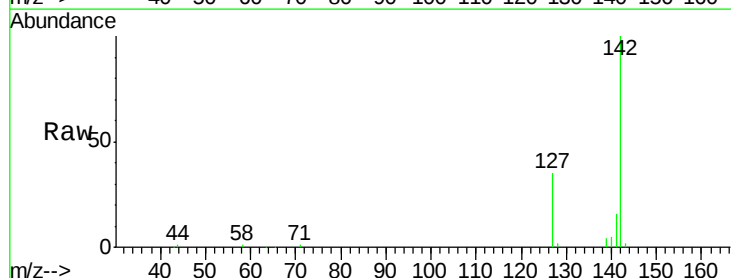
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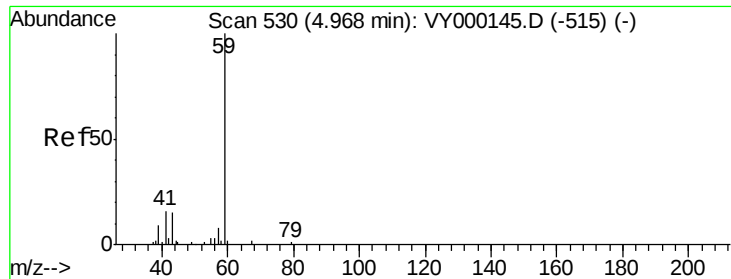
MMDadoda
10/2/2019 9:12:52 AM



#10
Methyl Iodide
Concen: 19.451 ug/l
RT: 4.08 min Scan# 385
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	59461		
127	38.0		30.0	45.0
141	15.1		11.0	16.6





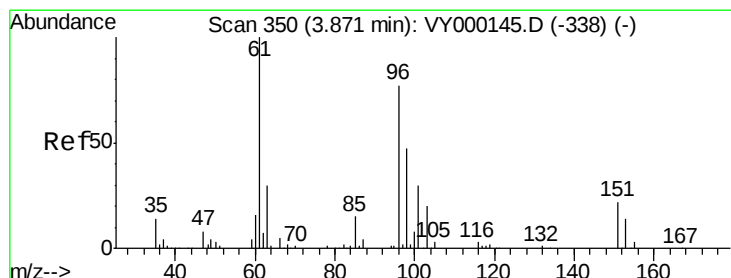
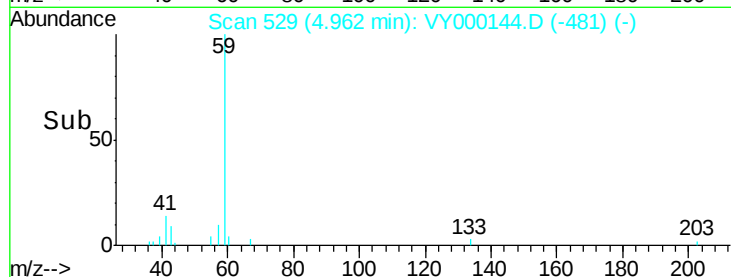
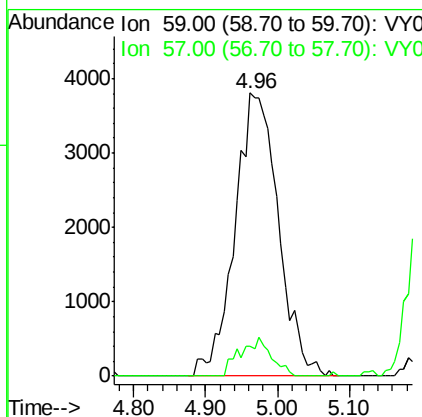
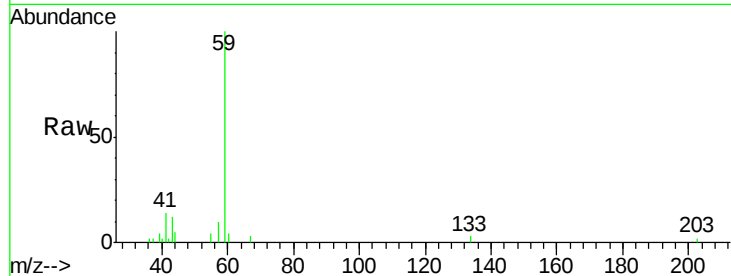
#11
Tert butyl alcohol
Concen: 90.447 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
59	100	16001		
57	9.7		8.9	13.3

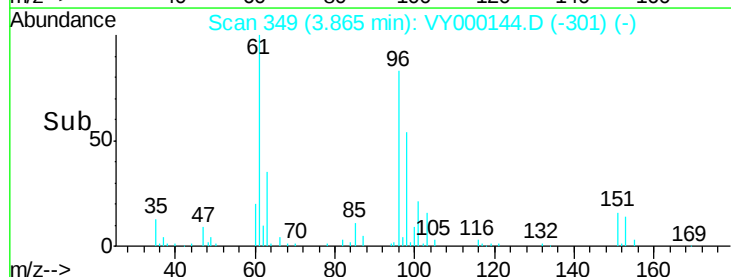
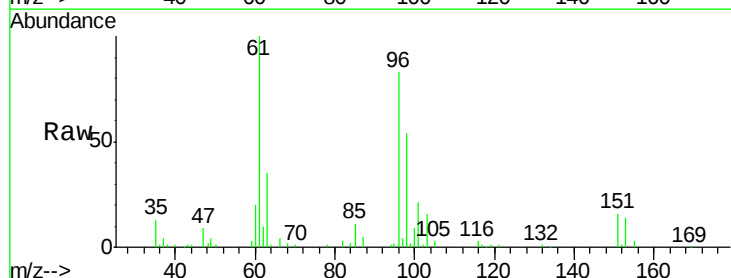
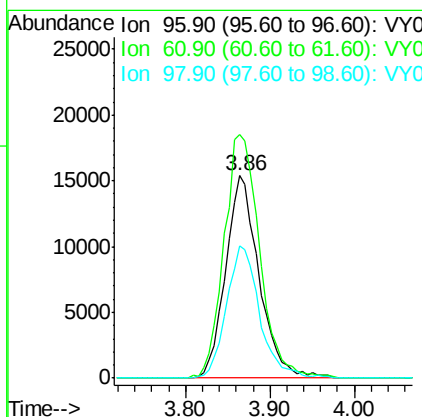
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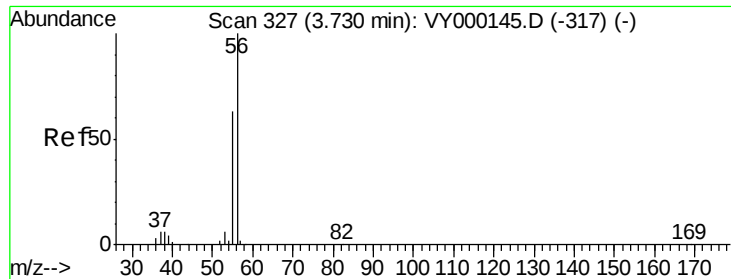
MMDadoda
10/2/2019 9:12:52 AM



#12
1,1-Dichloroethene
Concen: 19.937 ug/l
RT: 3.86 min Scan# 349
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	41452		
61	120.5		103.6	155.4
98	65.2		48.7	73.1





#13

Acrolein

Concen: 91.101 ug/l

RT: 3.73 min Scan# 327

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 20015

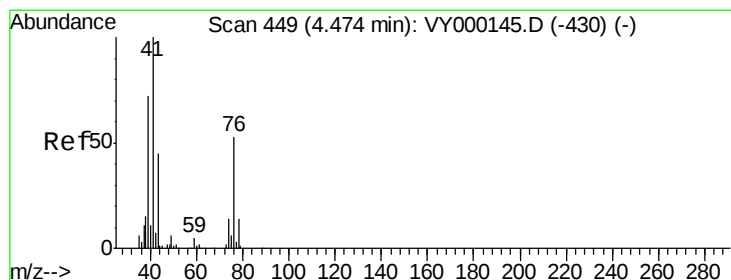
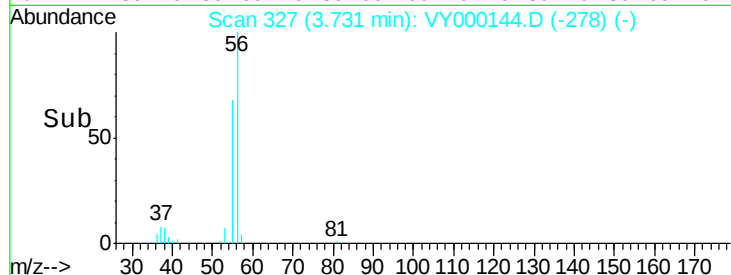
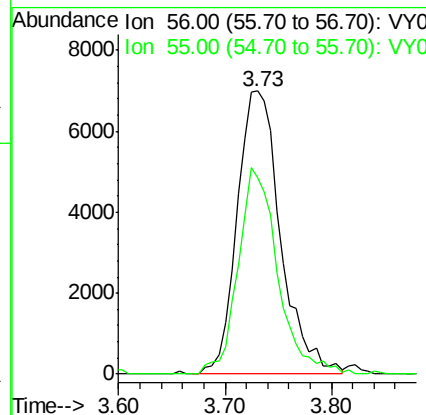
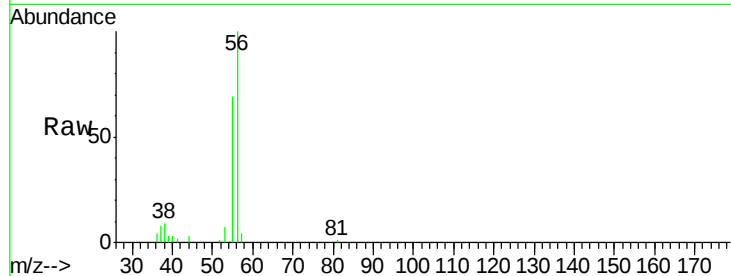
Ion Ratio Lower Upper

56 100

55 66.6 53.1 79.7

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#14

Allyl chloride

Concen: 20.103 ug/l

RT: 4.47 min Scan# 449

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

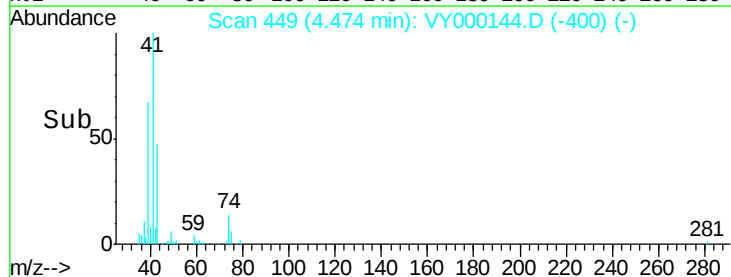
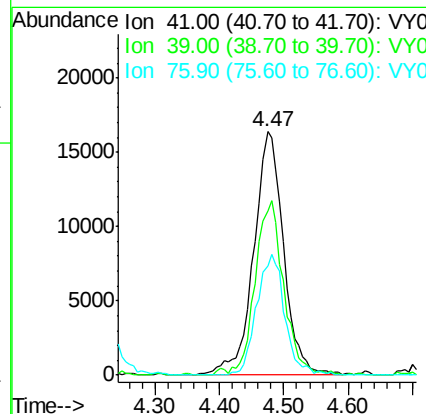
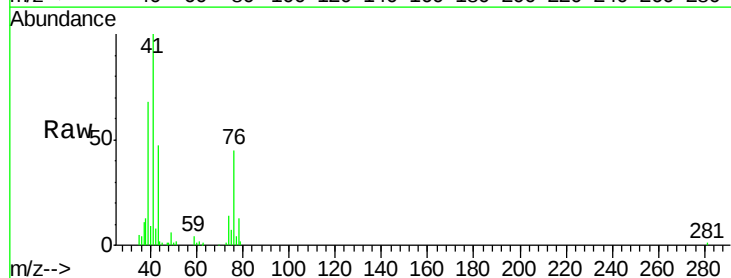
Tgt Ion: 41 Resp: 52305

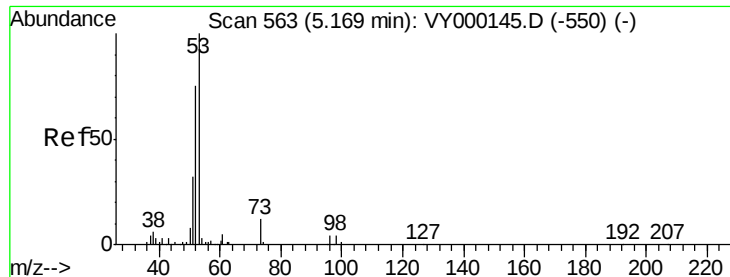
Ion Ratio Lower Upper

41 100

39 67.8 54.6 82.0

76 46.4 39.0 58.6





#15

Acrylonitrile

Concen: 92.968 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

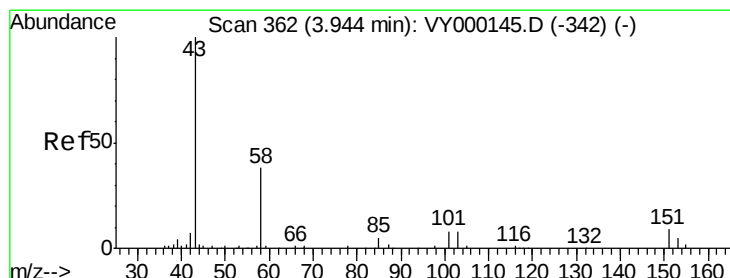
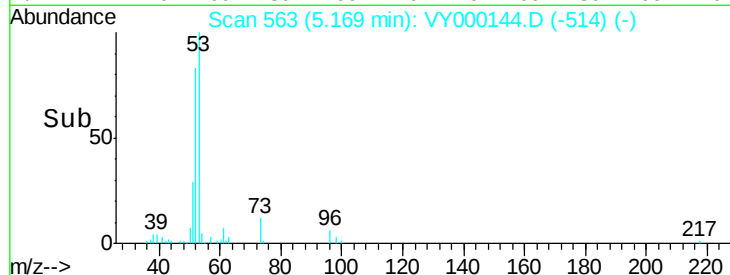
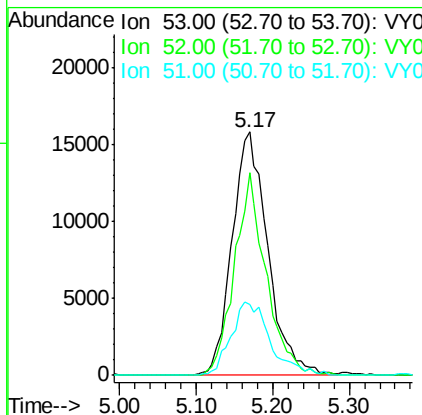
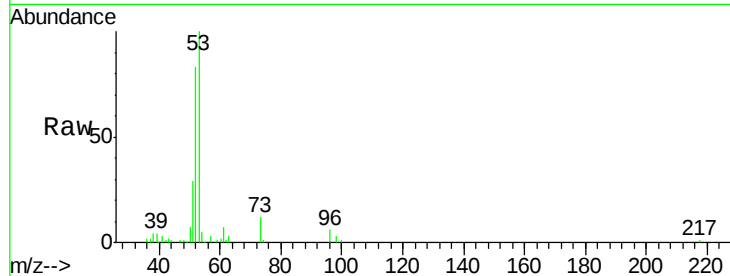
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	51200
Ion	Ratio	Lower	Upper
53	100		
52	73.8	62.9	94.3
51	33.0	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 85.631 ug/l

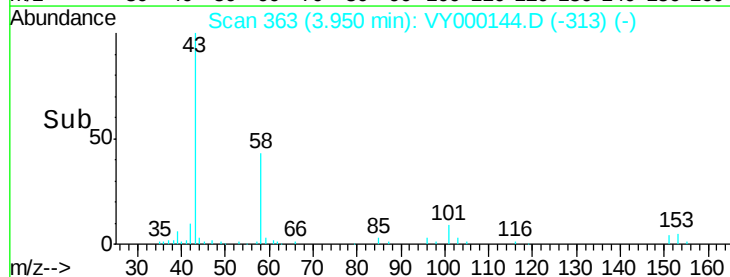
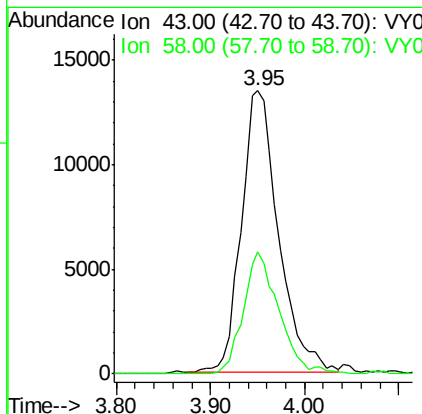
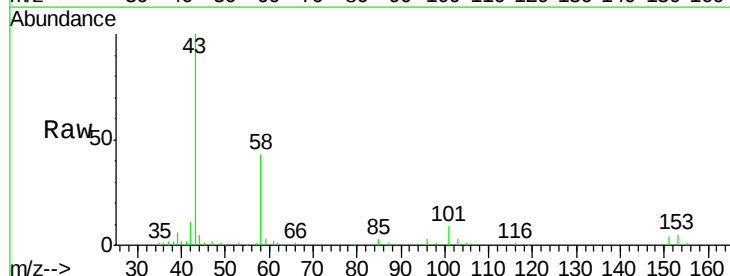
RT: 3.95 min Scan# 363

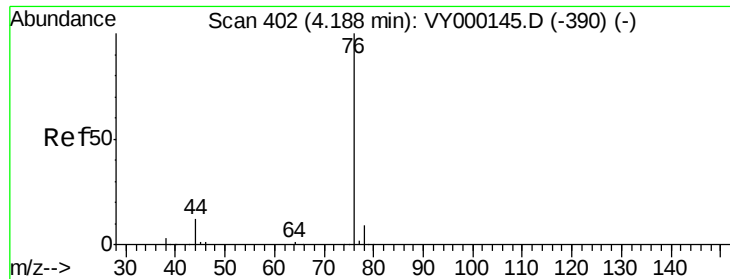
Delta R.T. 0.01 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Tgt Ion:	43	Resp:	37154
Ion	Ratio	Lower	Upper
43	100		
58	43.6	30.4	45.6





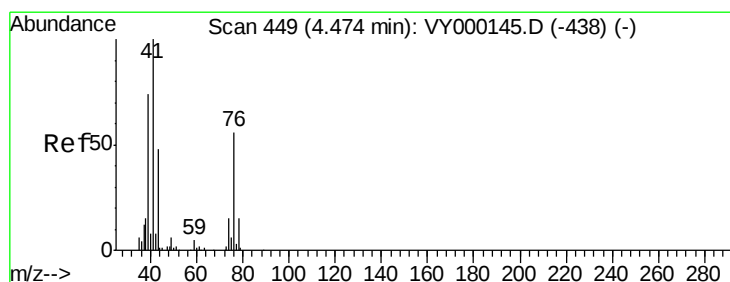
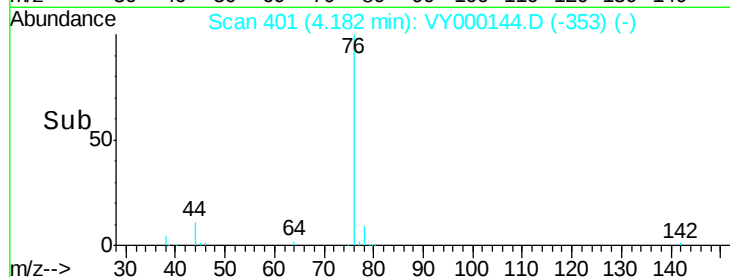
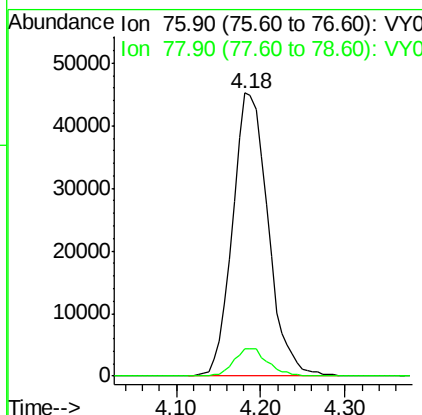
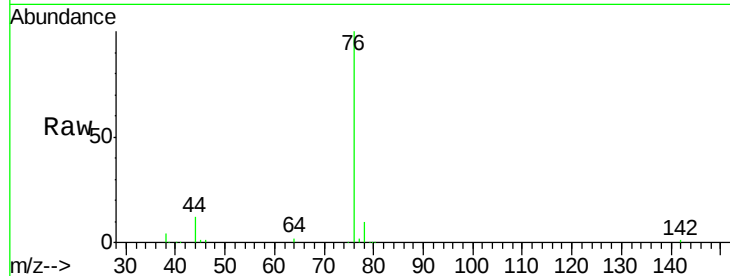
#17
Carbon Disulfide
Concen: 20.005 ug/l
RT: 4.18 min Scan# 401
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.4

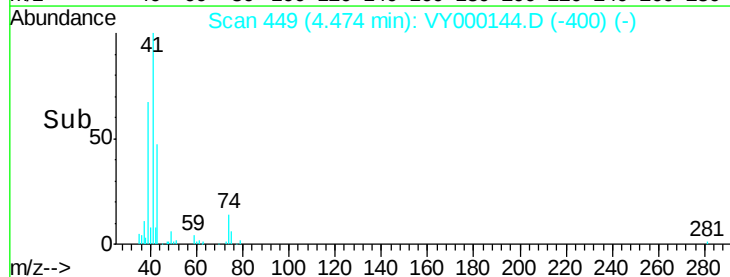
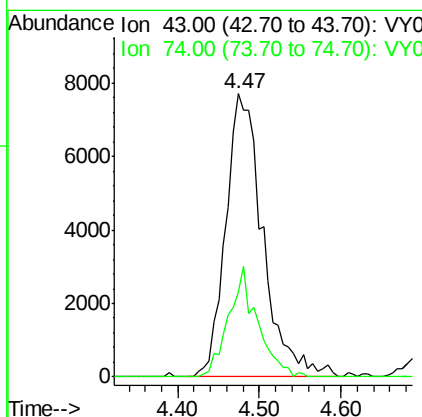
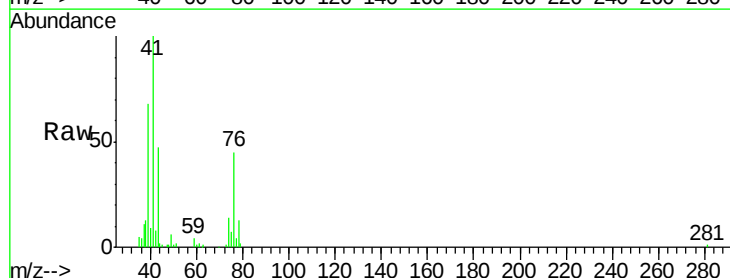
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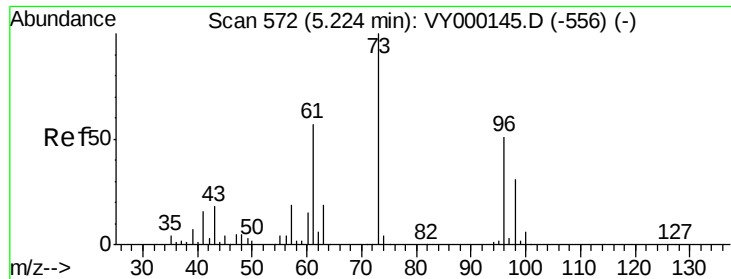
MMDadoda
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#18
Methyl Acetate
Concen: 18.911 ug/l
RT: 4.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.3	25.6	38.4





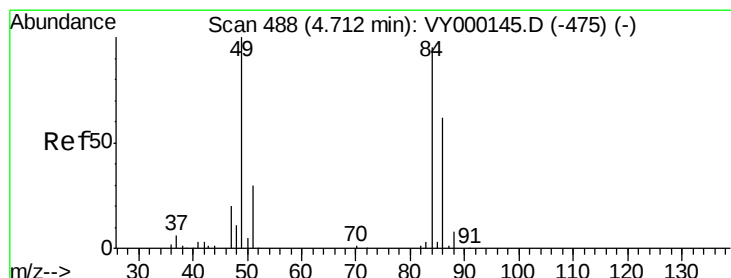
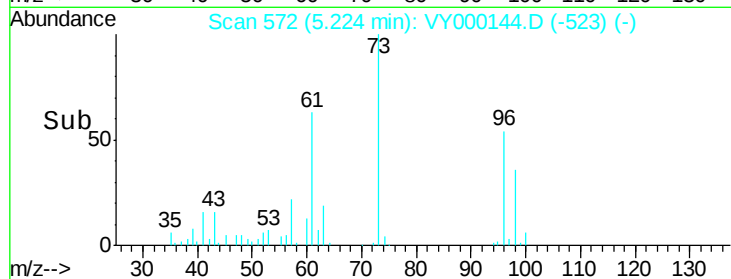
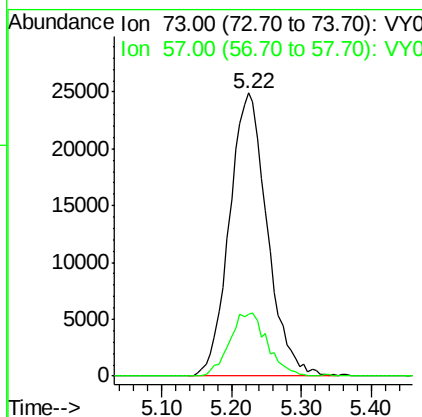
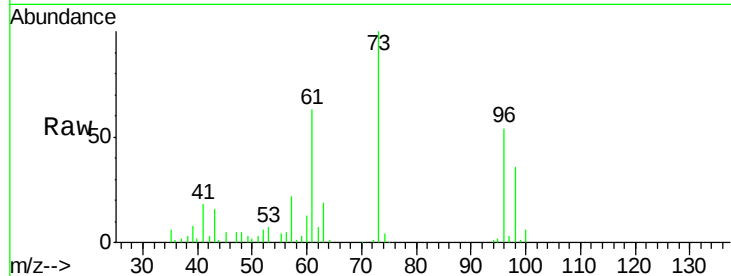
#19
Methvl tert-butvl Ether
Concen: 18.969 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 93369
Ion Ratio Lower Upper
73 100
57 21.7 15.5 23.3

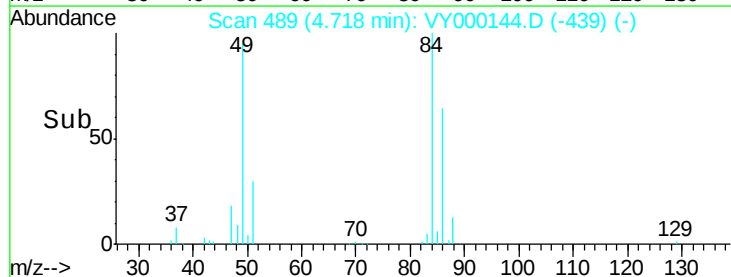
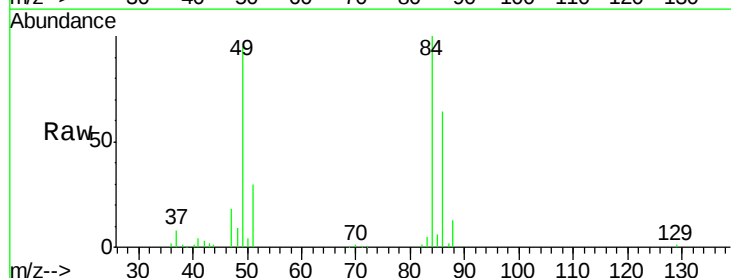
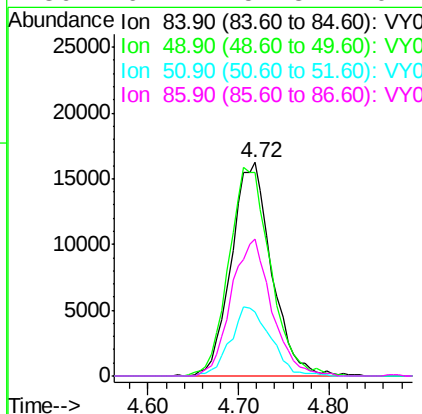
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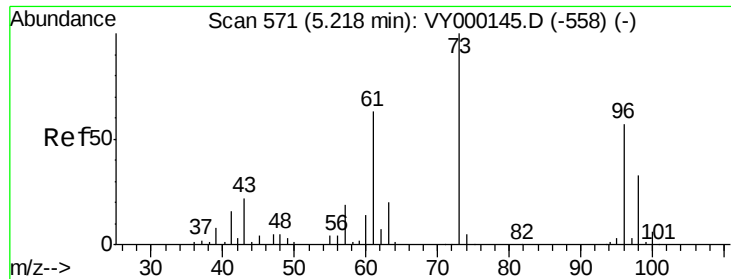
MMDadoda
10/2/2019 9:12:52 AM



#20
Methylene Chloride
Concen: 19.975 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 84 Resp: 50054
Ion Ratio Lower Upper
84 100
49 95.0 84.6 126.8
51 29.8 25.4 38.2
86 64.1 52.8 79.2





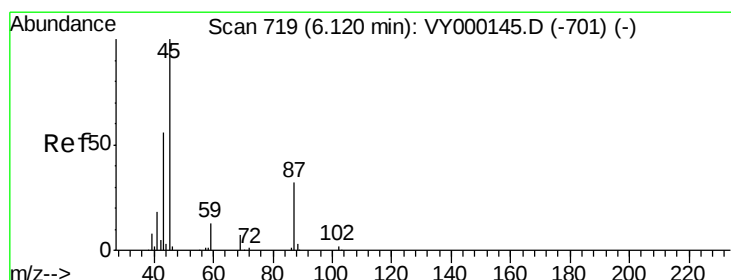
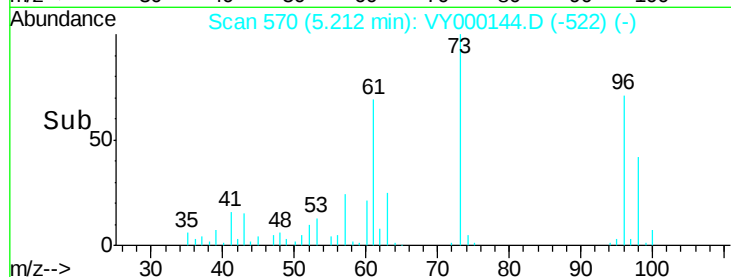
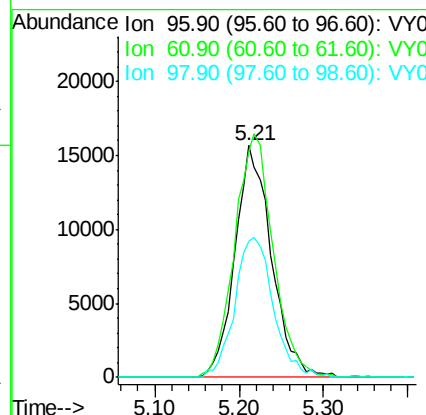
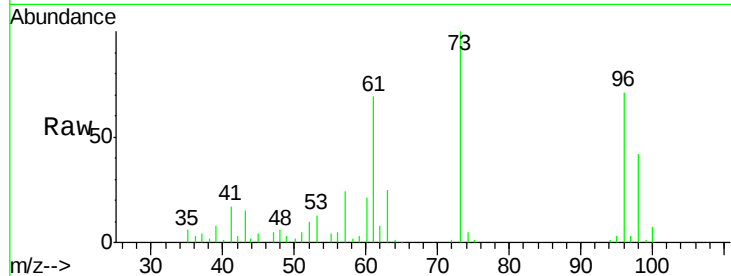
#21
trans-1,2-Dichloroethene
Concen: 19.892 ug/l
RT: 5.21 min Scan# 570
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	97.5	88.0	132.0
98	58.9	45.6	68.4

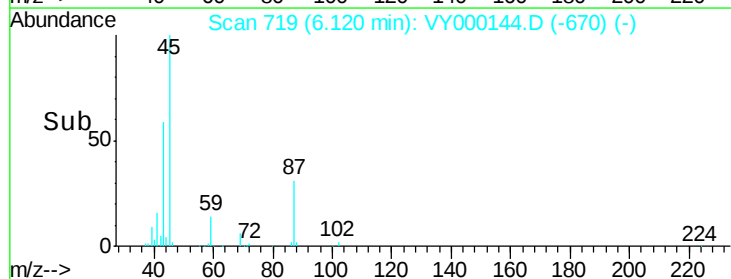
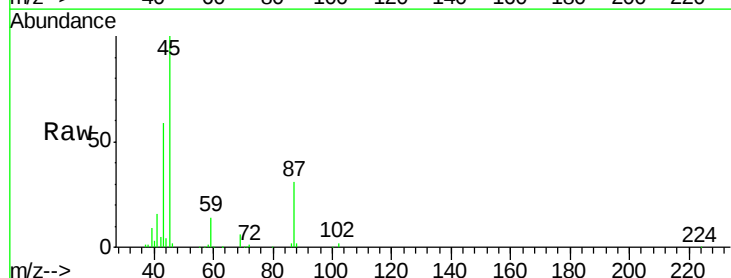
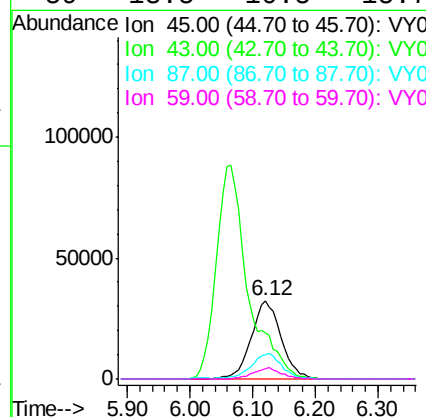
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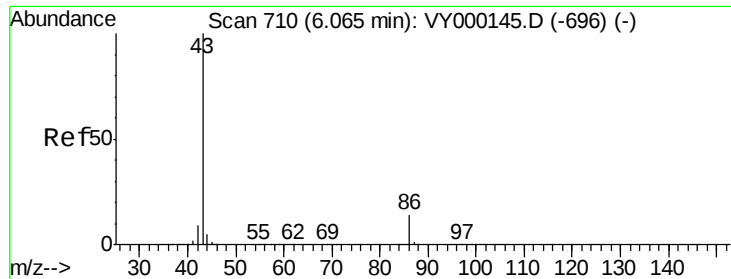
MMDadoda
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#22
Diisopropyl ether
Concen: 19.564 ug/l
RT: 6.12 min Scan# 719
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.8	48.4	72.6
87	30.7	26.6	39.8
59	13.5	10.5	15.7





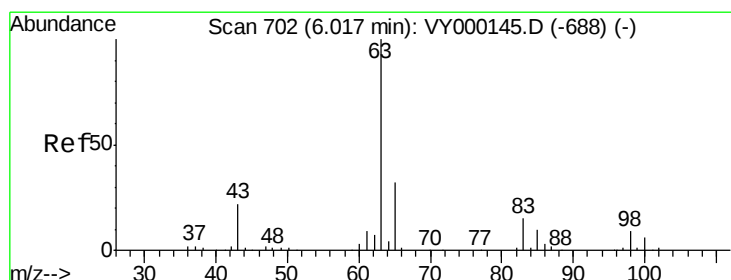
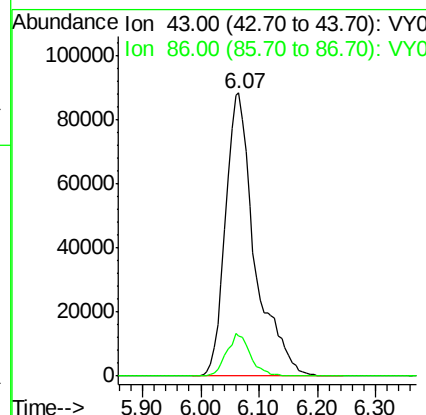
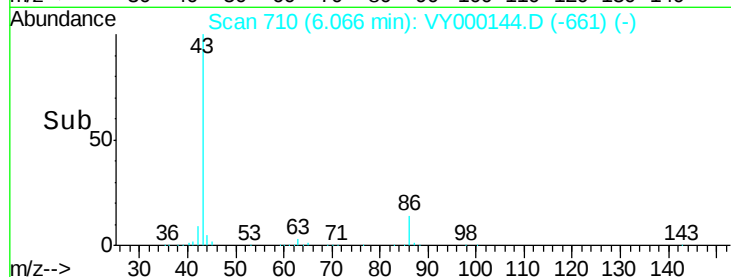
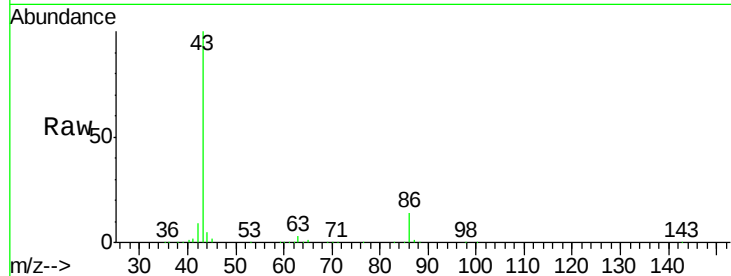
#23
 Vinyl Acetate
 Concen: 90.457 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
86	14.1	11.1	16.7

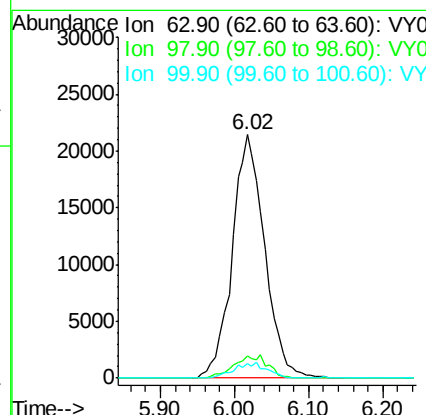
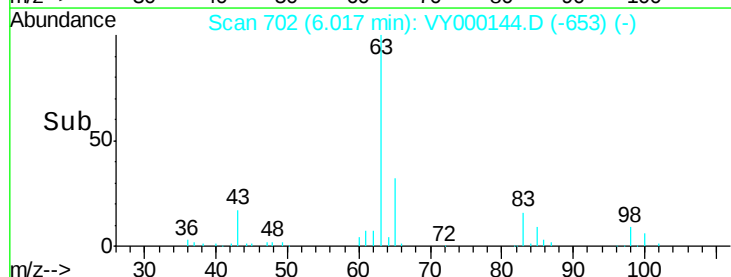
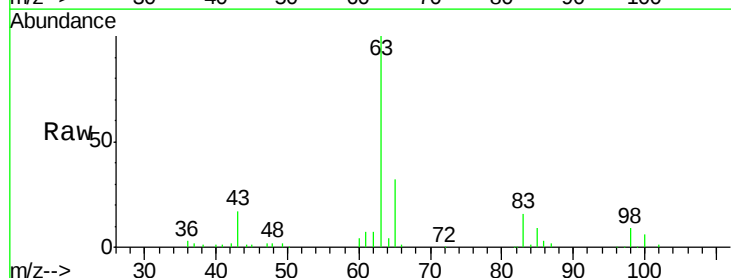
Manual Integrations
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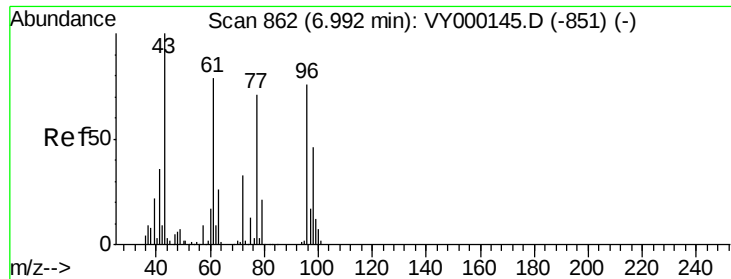
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 19.682 ug/l
 RT: 6.02 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
63	100		
98	9.0	4.6	13.8
100	5.8	2.8	8.4





#25

2-Butanone

Concen: 85.530 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 58144

Ion Ratio Lower Upper

43 100

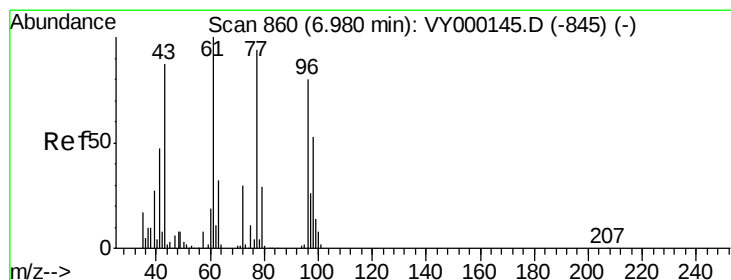
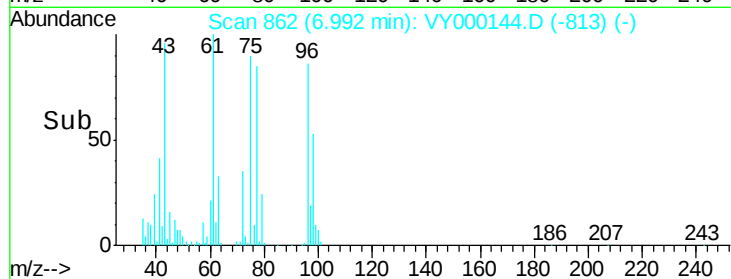
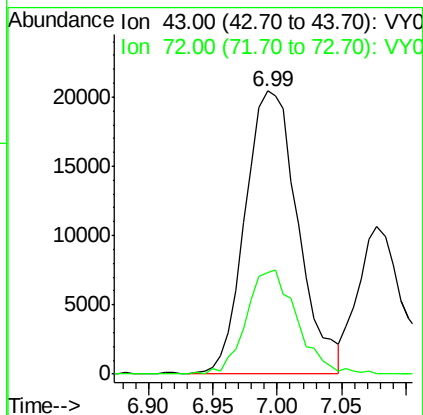
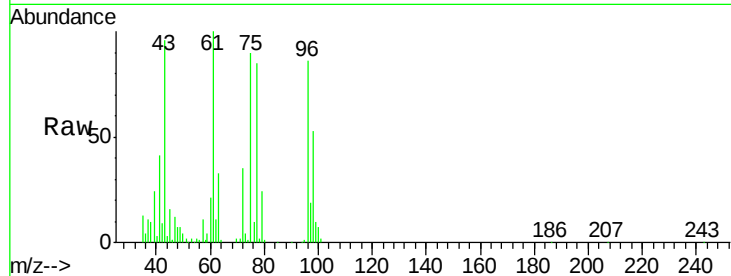
72 35.9 26.8 40.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.159 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.01 min

Lab File: VY000144.D

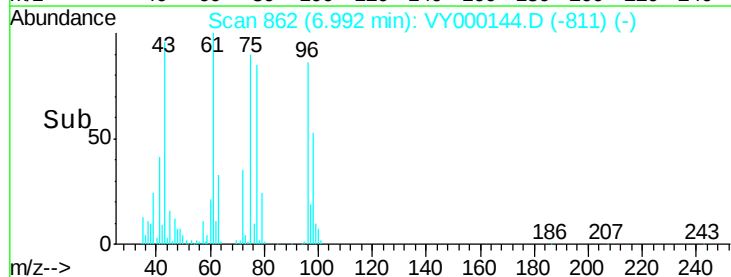
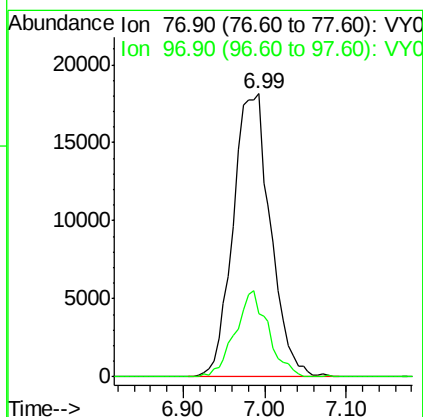
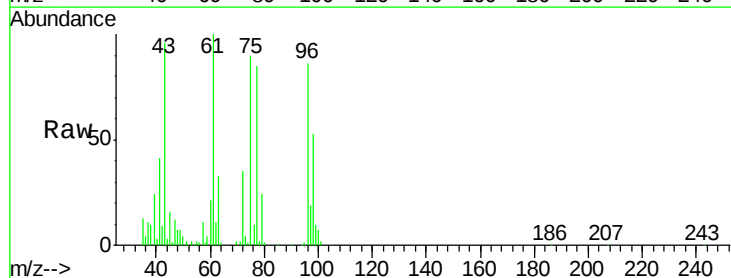
Acq: 26 Sep 2019 11:12

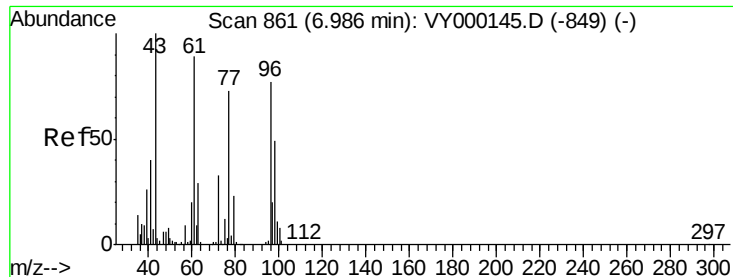
Tgt Ion: 77 Resp: 57662

Ion Ratio Lower Upper

77 100

97 26.9 13.0 38.9





#27

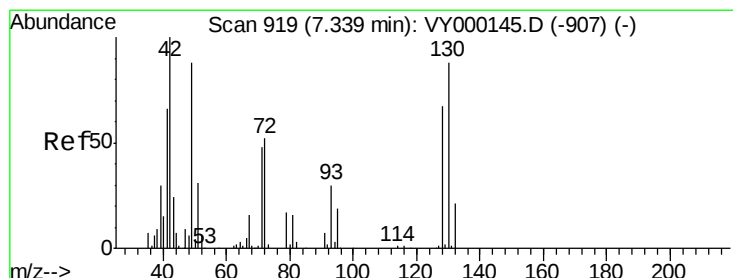
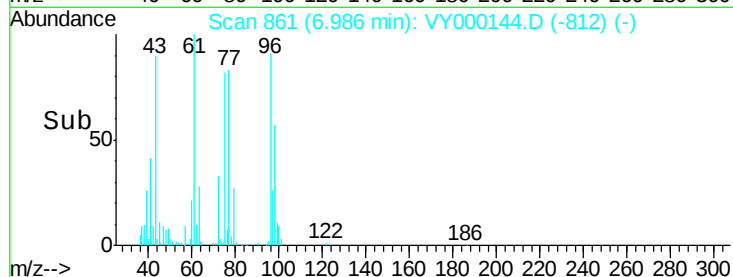
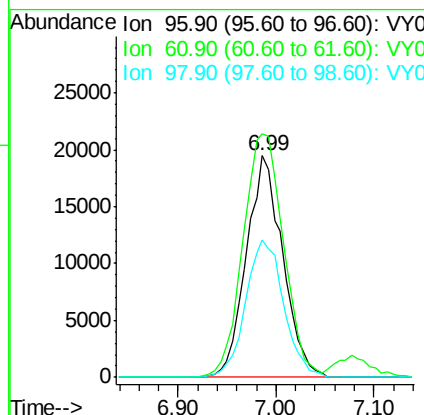
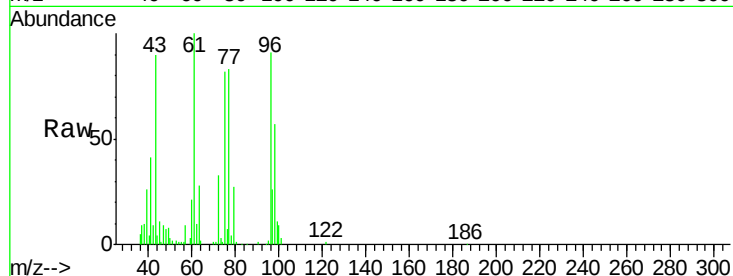
cis-1,2-Dichloroethene
Concen: 19.468 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.7	0.0	232.8
98	65.2	0.0	128.8

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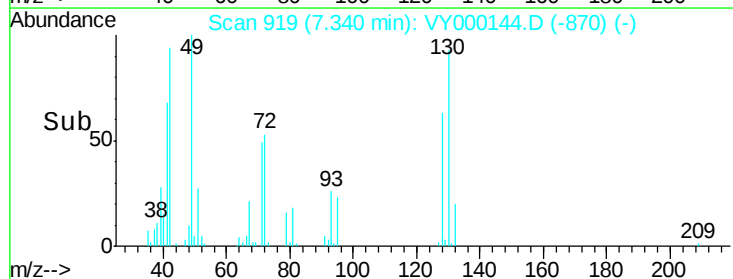
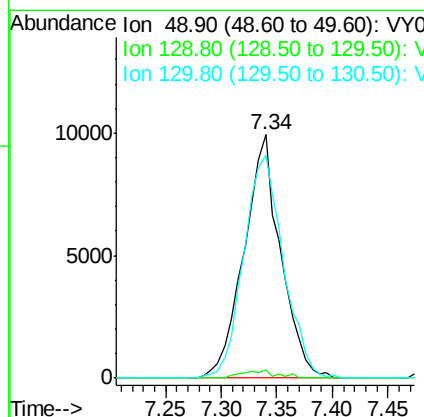
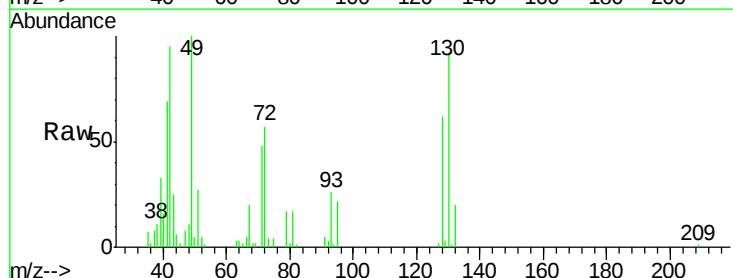
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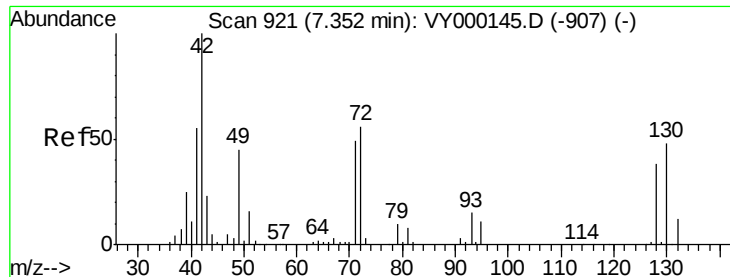


#28

Bromochloromethane
Concen: 18.008 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.6
130	99.2	79.5	119.3





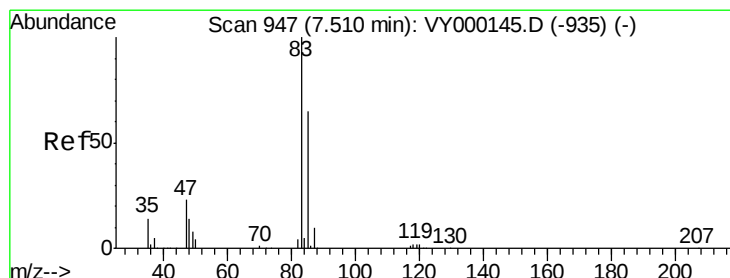
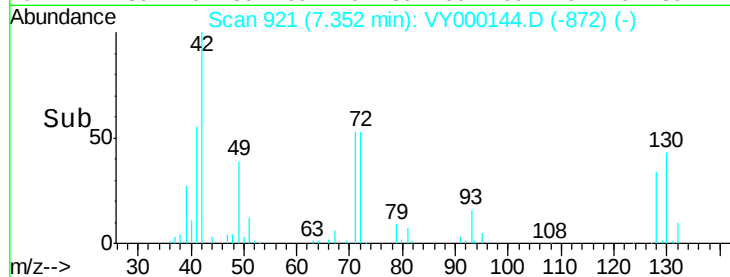
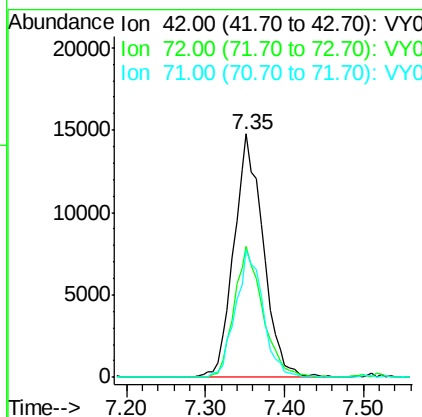
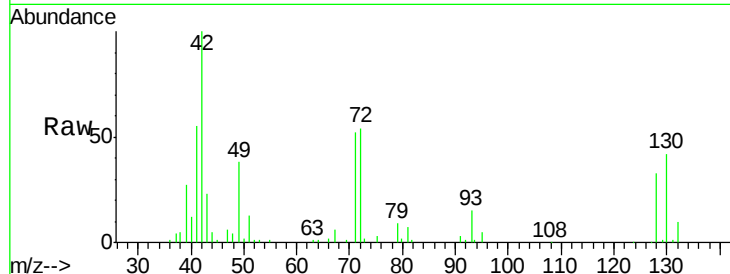
#29
Tetrahydrofuran
Concen: 91.073 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.3	43.1	64.7
71	48.9	39.4	59.2

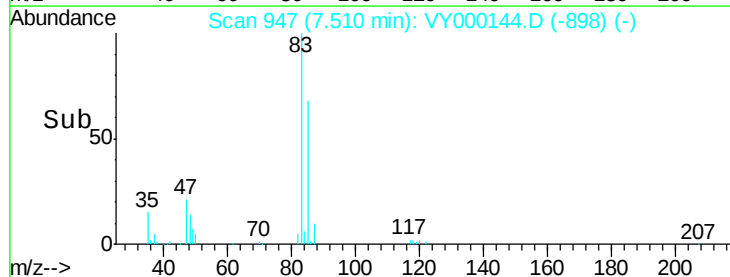
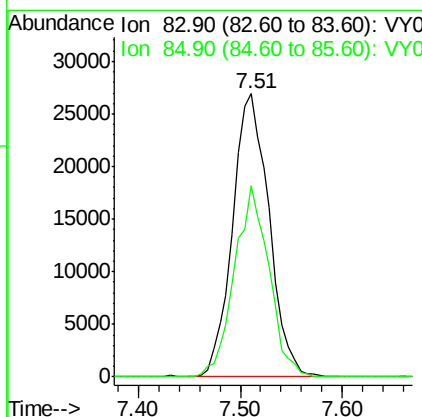
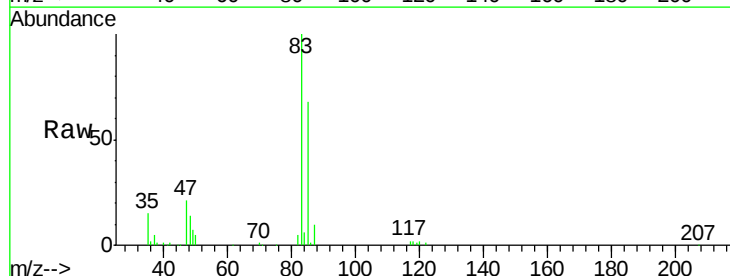
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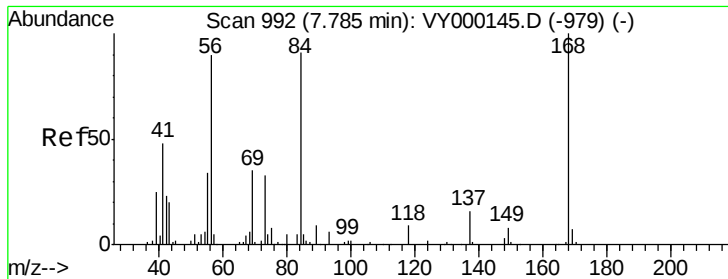
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#30
Chloroform
Concen: 19.281 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	52.4	78.6





#31

Cyclohexane

Concen: 19.374 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

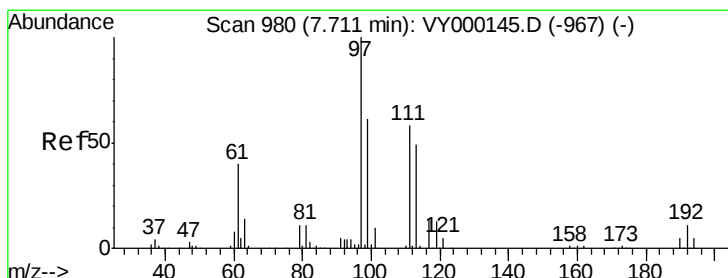
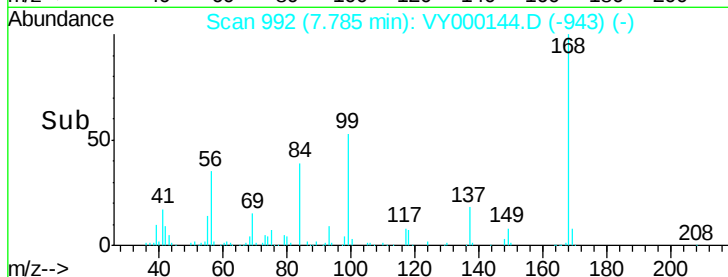
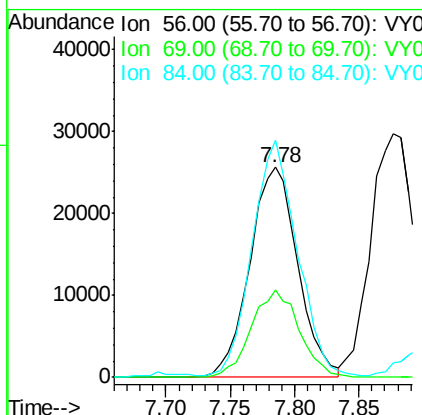
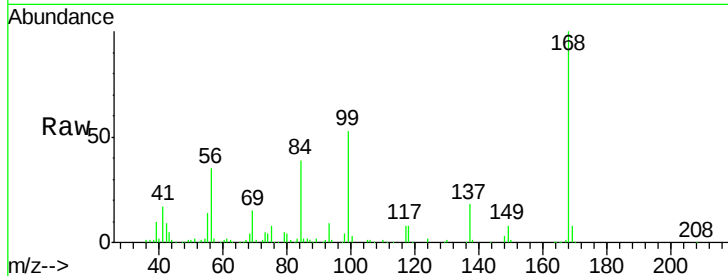
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	66298
Ion Ratio	Lower	Upper	
56	100		
69	41.4	31.1	46.7
84	111.4	80.5	120.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.241 ug/l

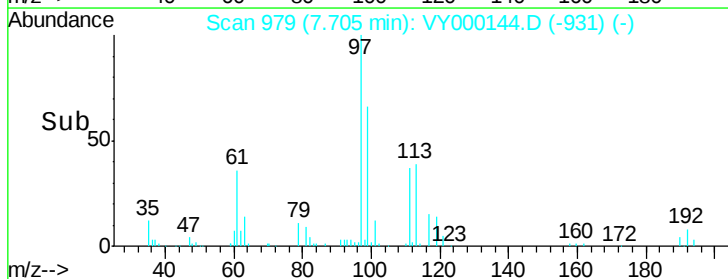
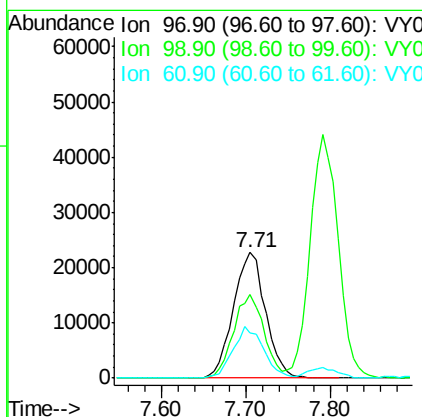
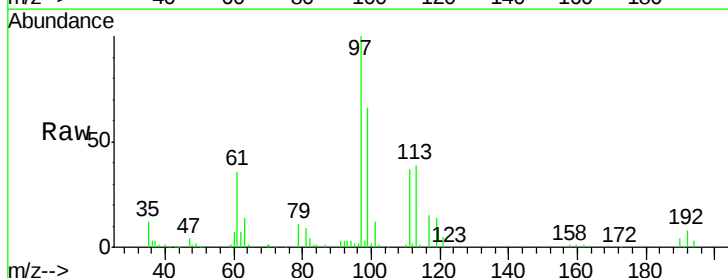
RT: 7.71 min Scan# 979

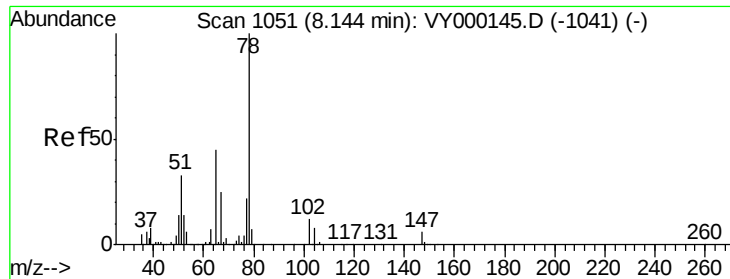
Delta R.T. -0.01 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Tgt Ion:	97	Resp:	58446
Ion Ratio	Lower	Upper	
97	100		
99	62.8	50.5	75.7
61	39.3	32.9	49.3





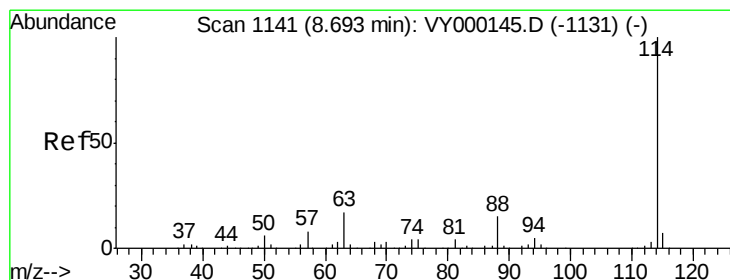
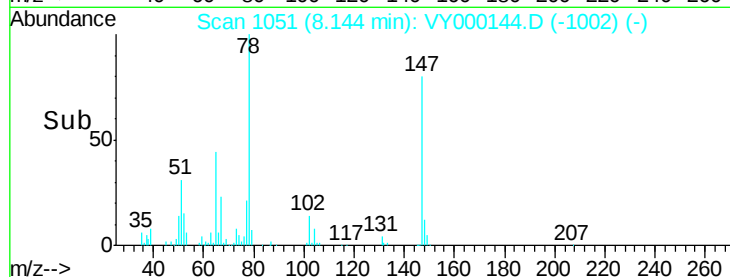
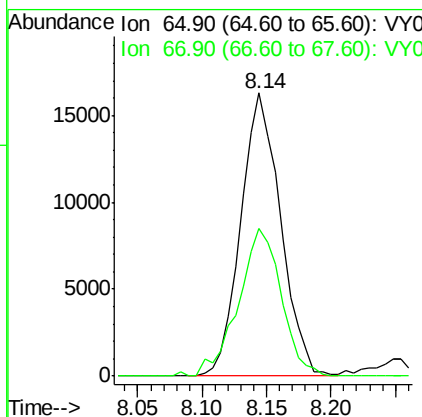
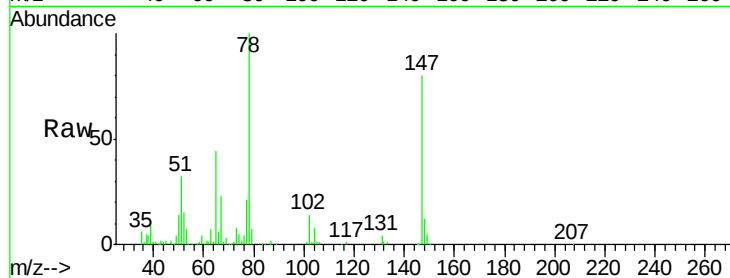
#33
 1,2-Dichloroethane-d4
 Concen: 19.720 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	34919		
67	56.2	0.0	110.6	

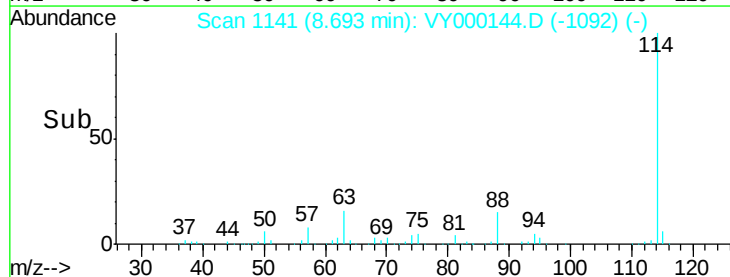
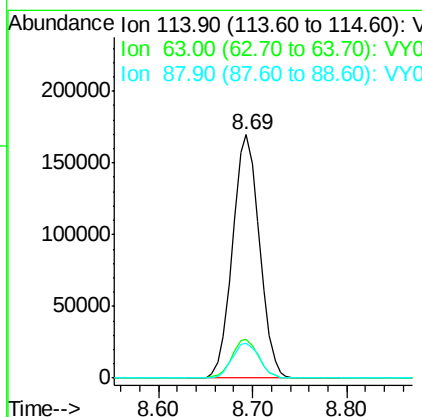
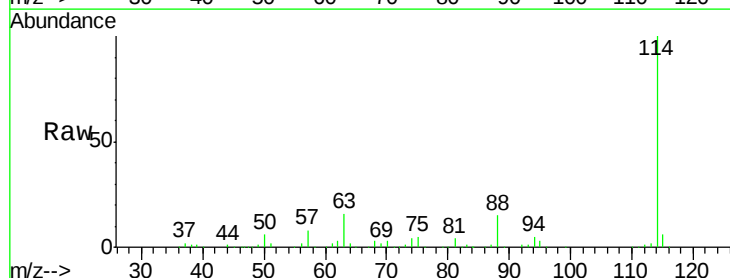
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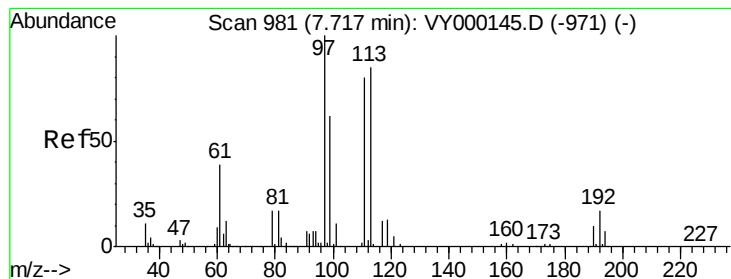
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	335131		
63	15.9	0.0	34.6	
88	14.6	0.0	30.6	





#35

Dibromofluoromethane

Concen: 20.484 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.01 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

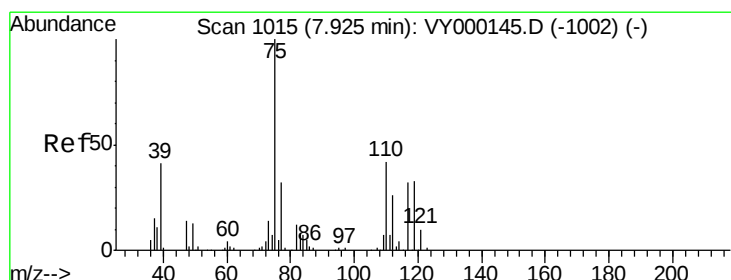
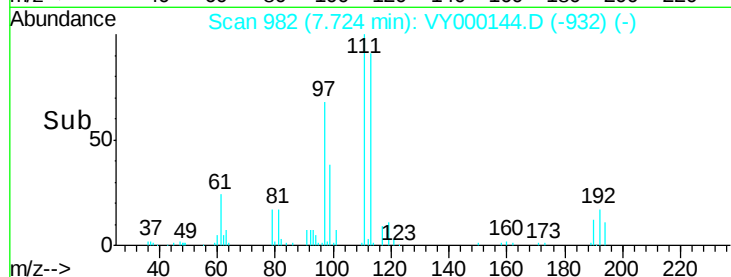
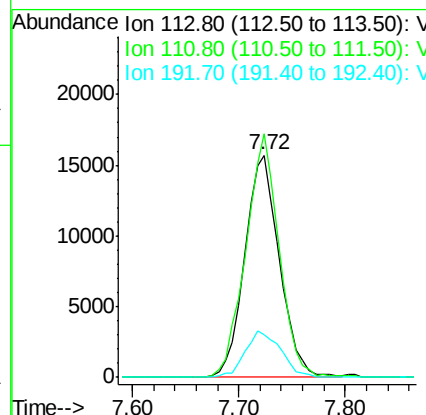
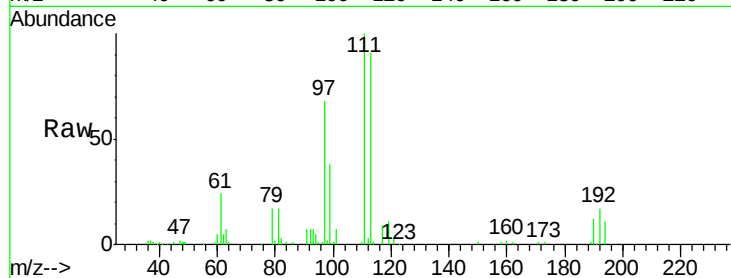
ClientSampleId :

VSTDIC020

Tot Ion:	113	Resp:	35951
Ion Ratio	Lower	Upper	
113	100		
111	105.7	82.0	123.0
192	21.4	17.3	25.9

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#36

1,1-Dichloropropene

Concen: 19.326 ug/l

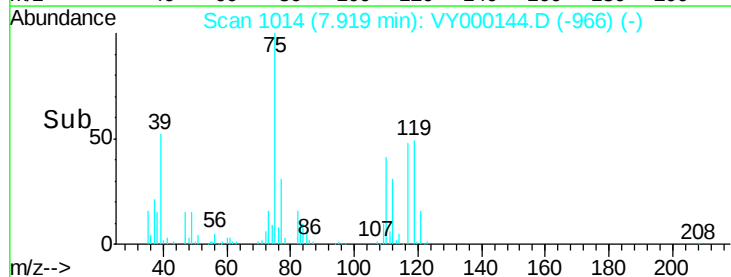
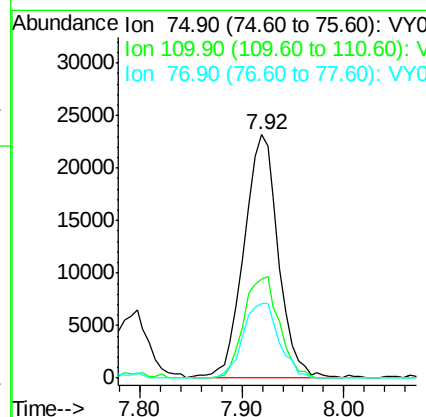
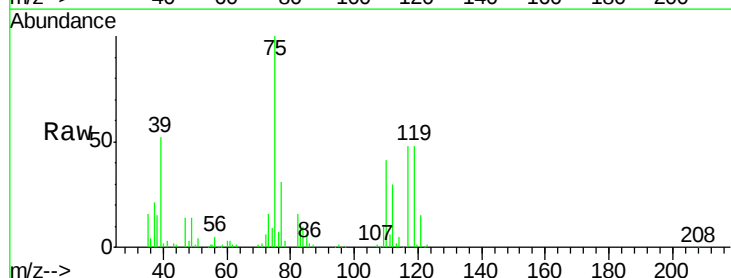
RT: 7.92 min Scan# 1014

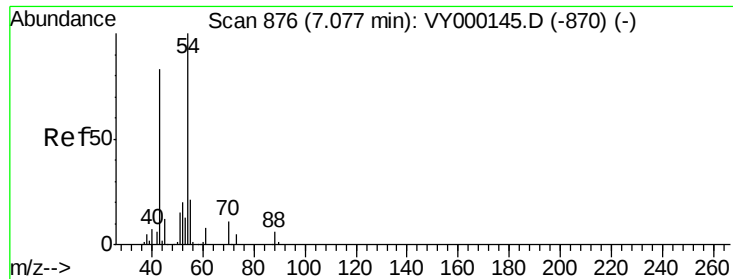
Delta R.T. -0.01 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Tgt Ion:	75	Resp:	53822
Ion Ratio	Lower	Upper	
75	100		
110	43.1	21.1	63.1
77	32.6	24.6	36.8





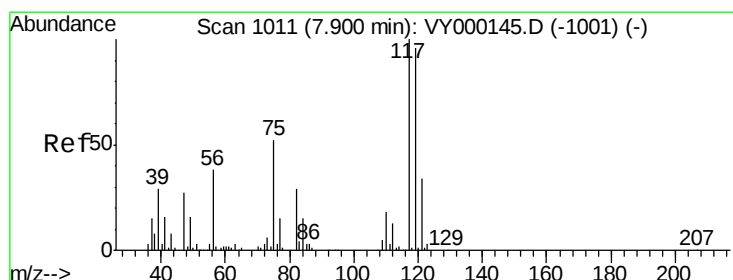
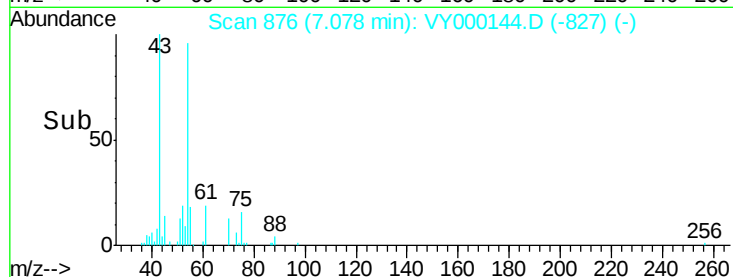
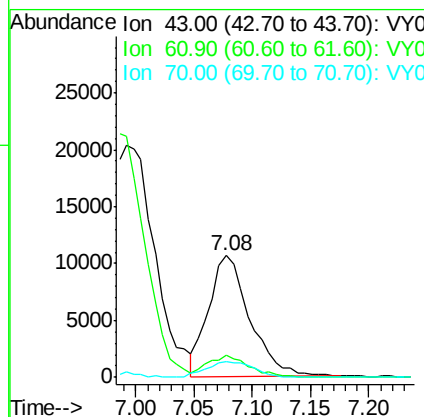
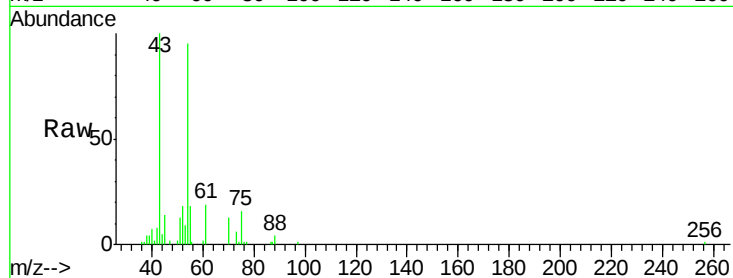
#37
Ethyl Acetate
Concen: 17.653 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	11.9	17.9#
70	14.7	10.2	15.2

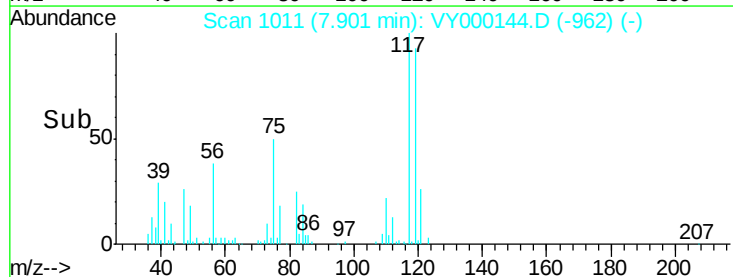
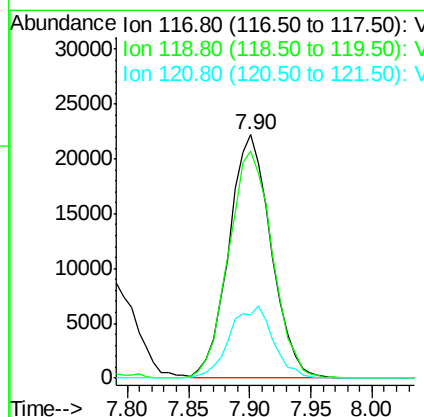
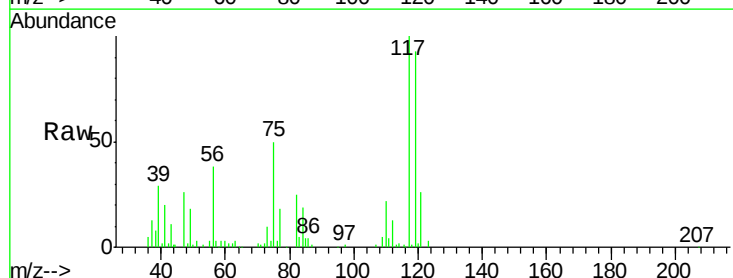
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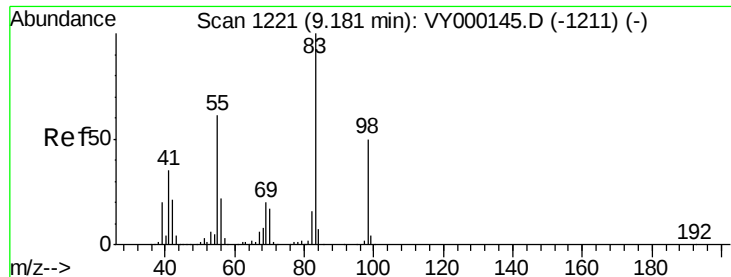
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#38
Carbon Tetrachloride
Concen: 19.590 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.9	115.3
121	25.8	27.4	41.0#





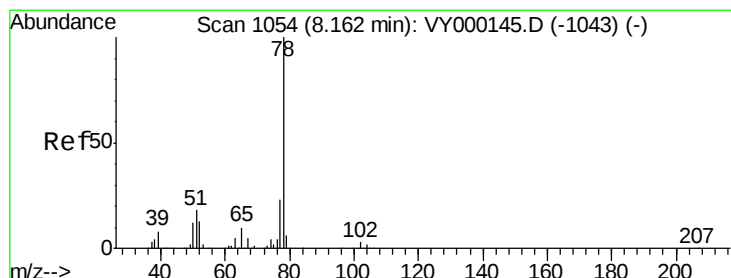
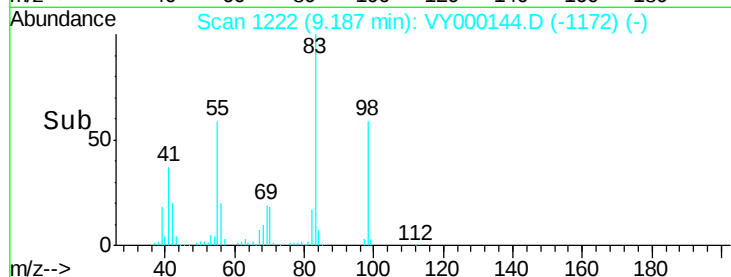
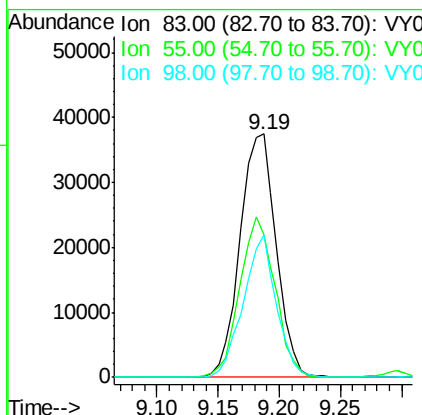
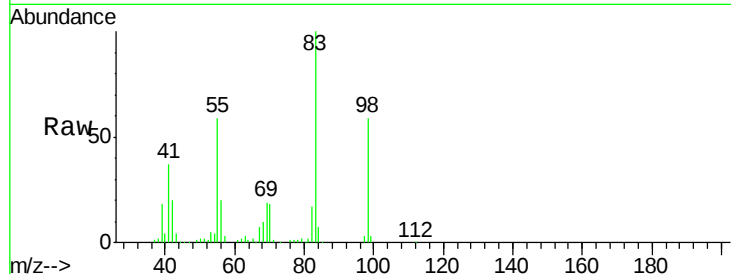
#39
Methvlcvclohexane
Concen: 19.527 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	83	Resp	77134
Ion Ratio	100	Lower	Upper
83	100		
55	58.8	49.1	73.7
98	58.7	40.0	60.0

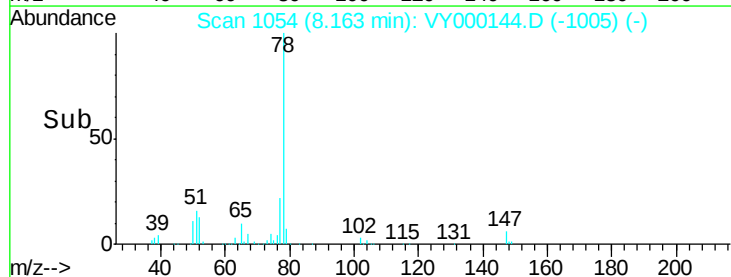
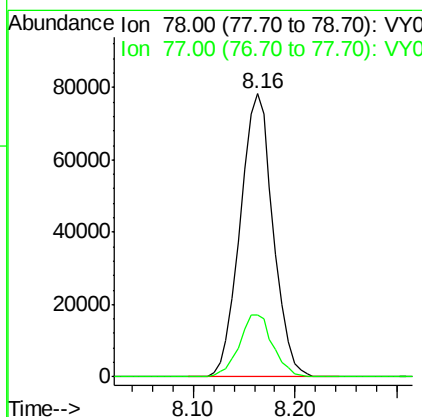
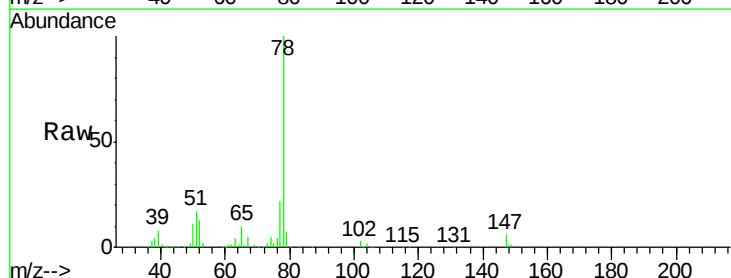
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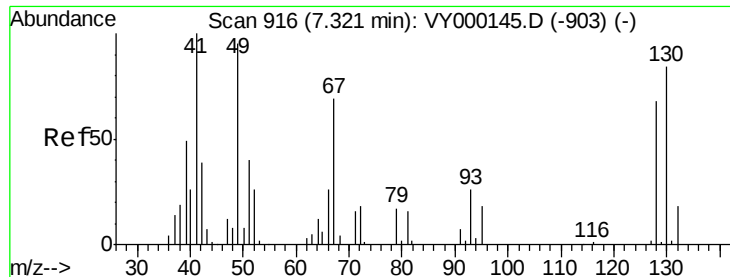
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#40
Benzene
Concen: 19.912 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	78	Resp	175179
Ion Ratio	100	Lower	Upper
78	100		
77	21.7	18.2	27.4





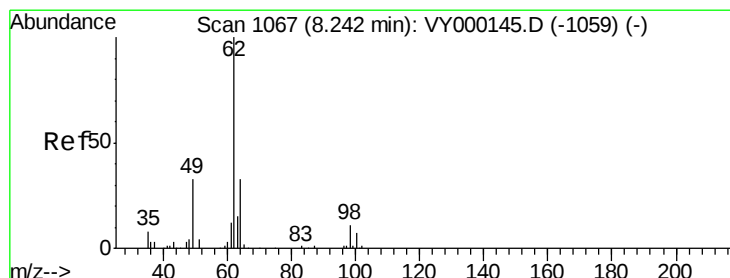
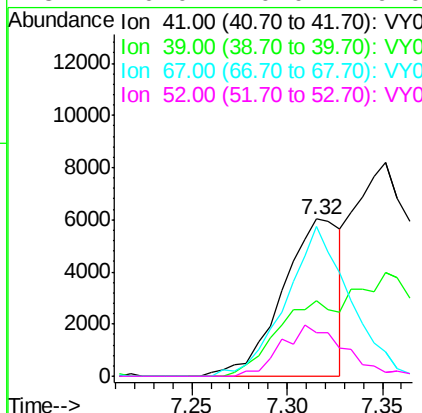
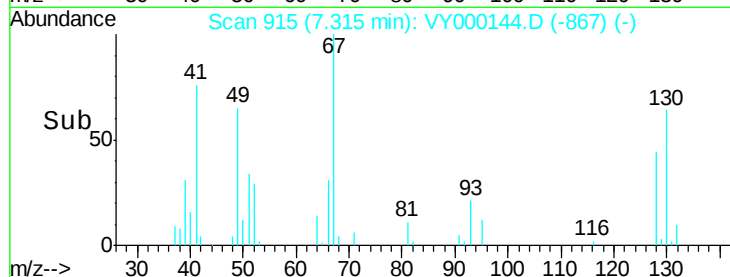
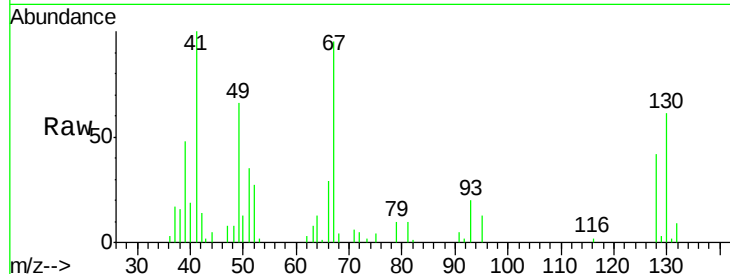
#41
Methacrylonitrile
Concen: 16.099 ug/l m
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	76.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

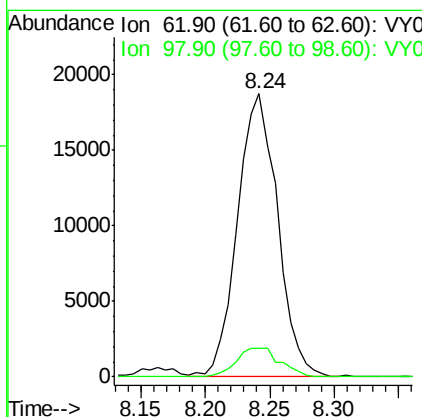
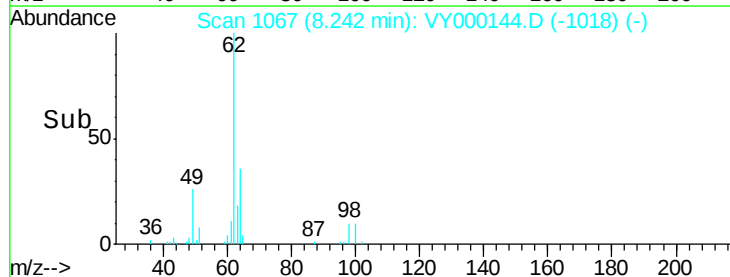
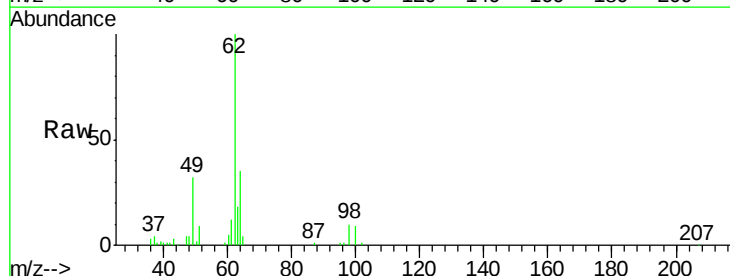
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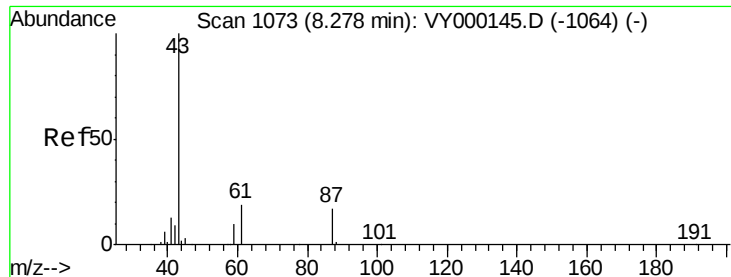
MMDadoda
10/2/2019 9:12:52 AM



#42
1,2-Dichloroethane
Concen: 18.889 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	24.8





#43

Isopropyl Acetate

Concen: 17.779 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

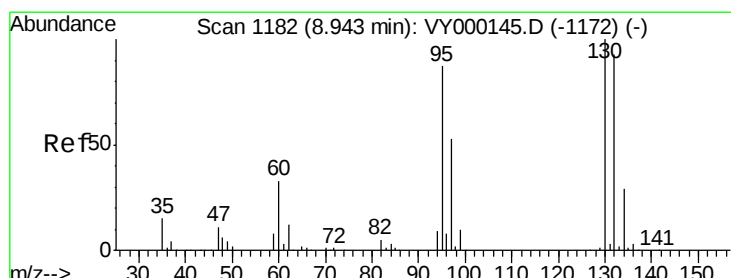
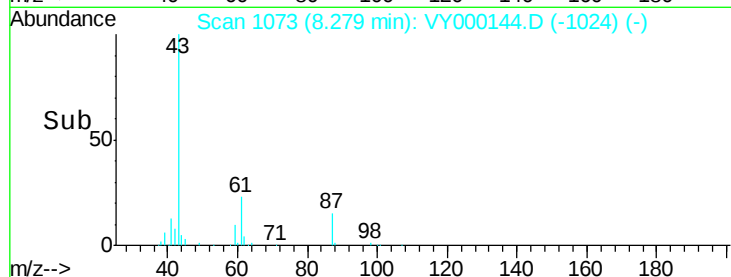
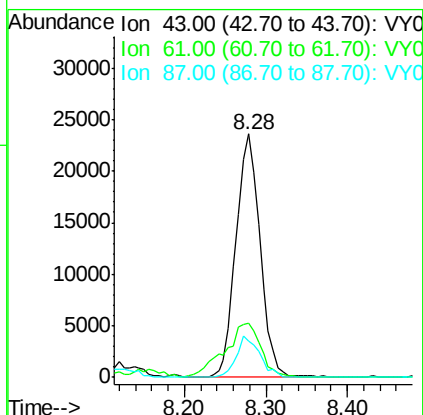
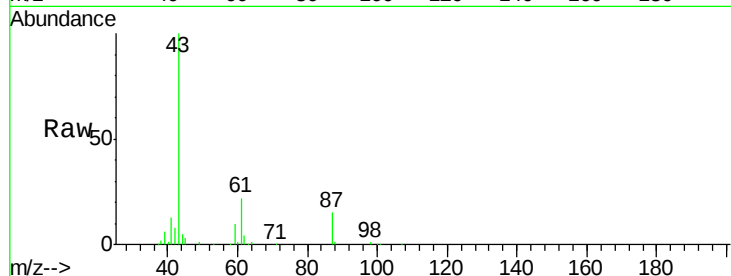
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	48317
Ion	Ratio	Lower	Upper
43	100		
61	33.6	25.6	38.4
87	16.3	13.5	20.3

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#44

Trichloroethene

Concen: 19.836 ug/l

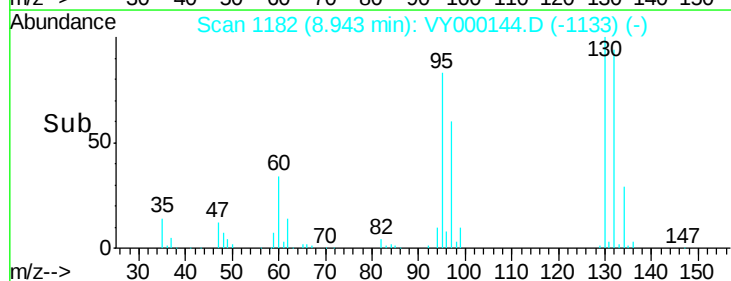
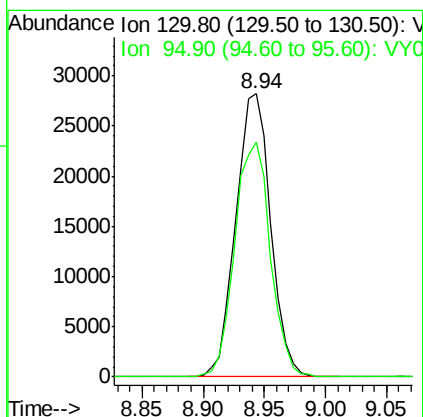
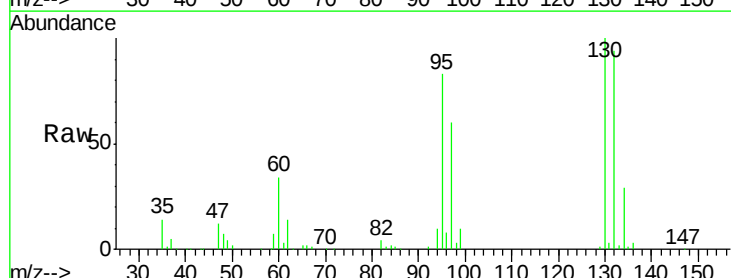
RT: 8.94 min Scan# 1182

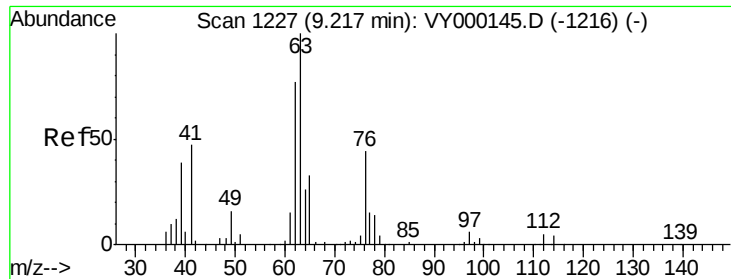
Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Tgt Ion:	130	Resp:	55765
Ion	Ratio	Lower	Upper
130	100		
95	82.8	0.0	174.8





#45

1,2-Dichloropropane

Concen: 20.097 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 39003

Ion Ratio Lower Upper

63 100

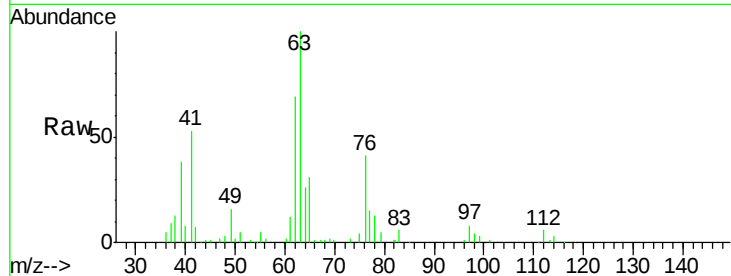
65 31.1 26.8 40.2

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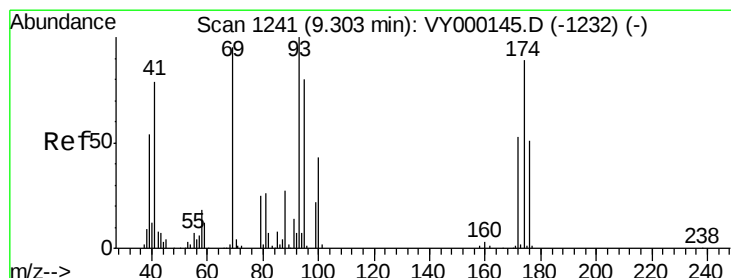
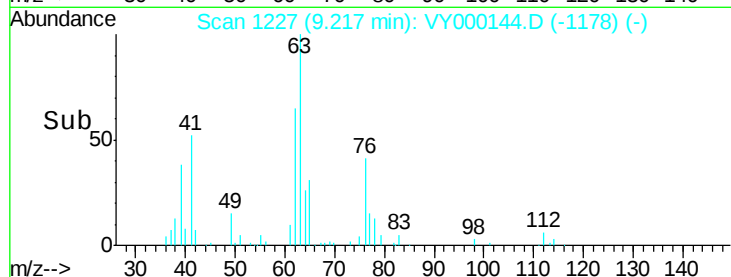
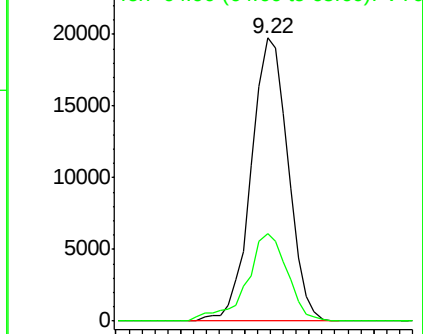
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 18.832 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

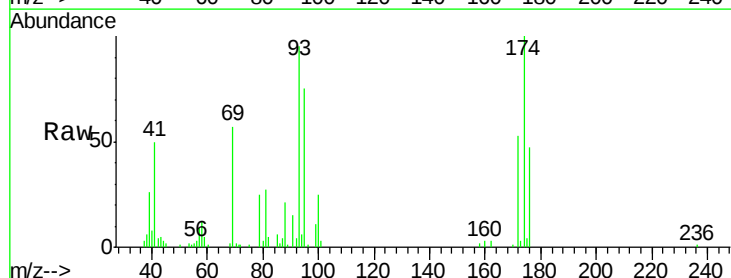
Tgt Ion: 93 Resp: 22305

Ion Ratio Lower Upper

93 100

95 83.7 66.3 99.5

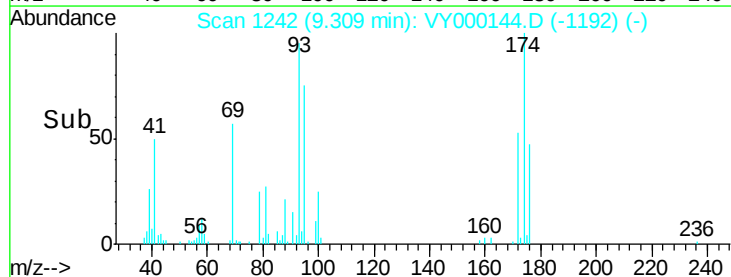
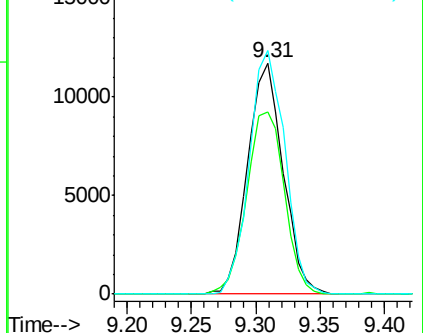
174 105.6 87.3 130.9

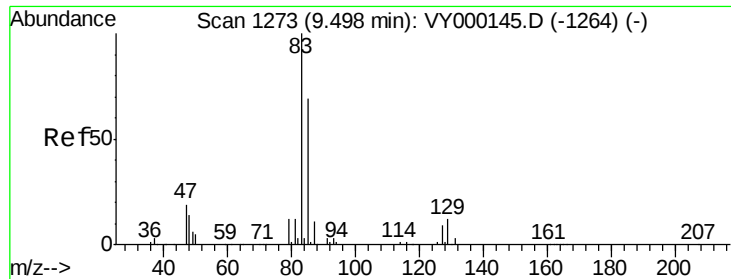


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





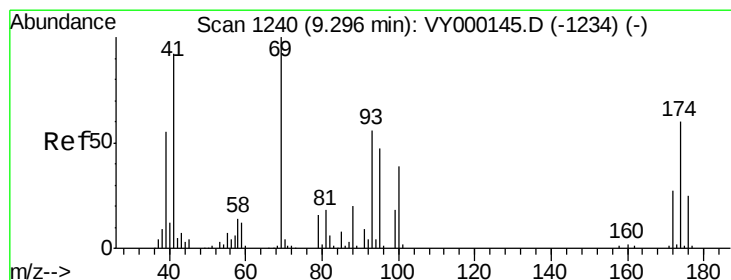
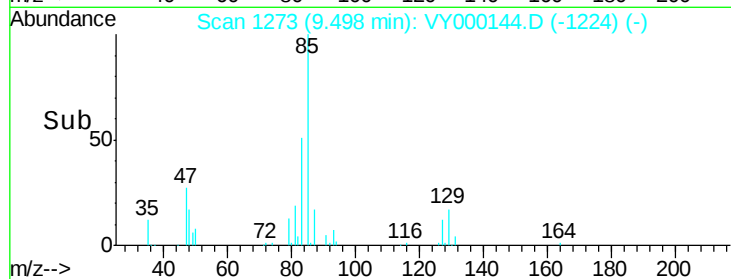
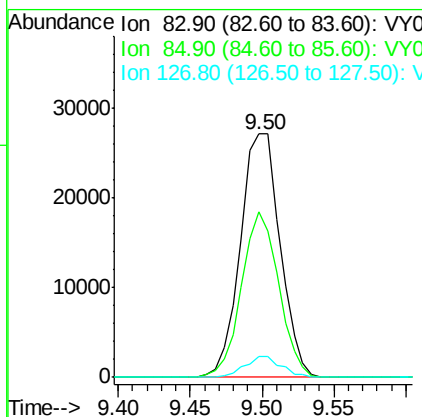
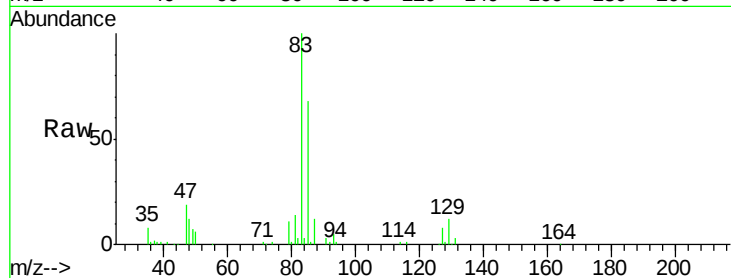
#47
Bromodichloromethane
Concen: 19.500 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
83	100	52060		
85	67.9		55.1	82.7
127	8.4		6.9	10.3

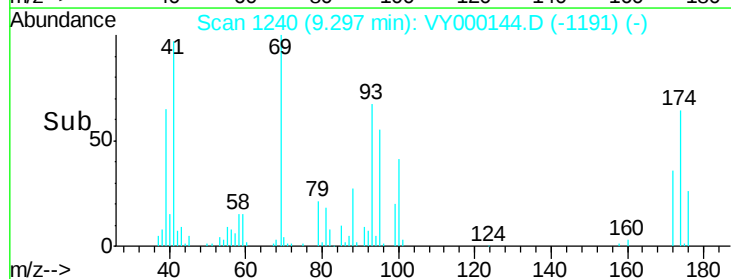
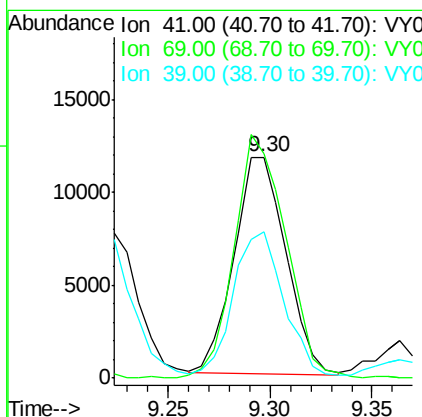
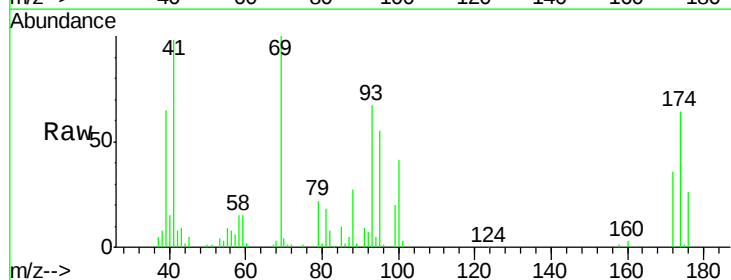
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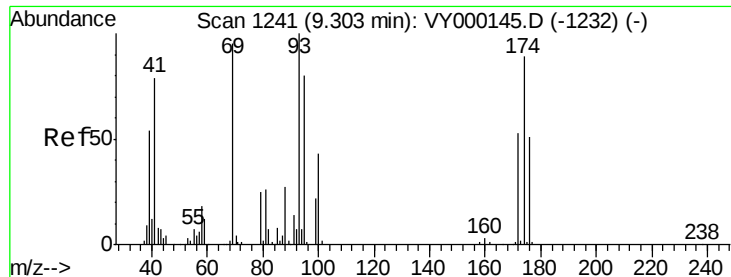
MMDadoda
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#48
Methyl methacrylate
Concen: 16.892 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	20556		
69	111.9		86.5	129.7
39	66.9		51.0	76.6





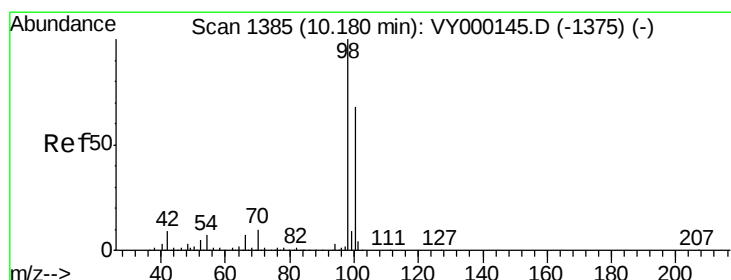
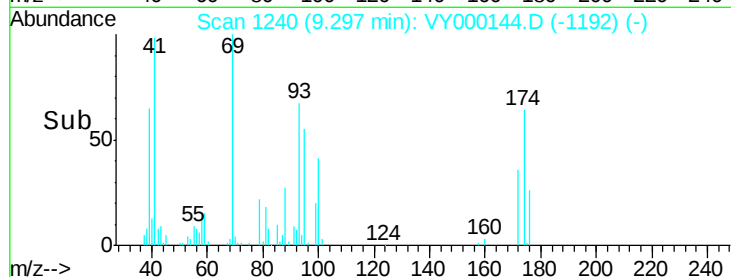
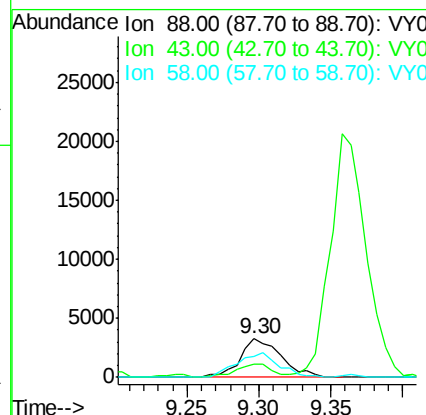
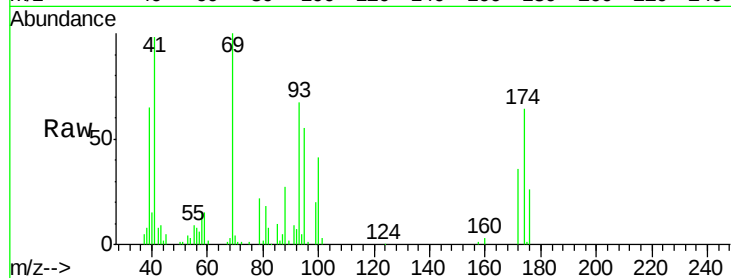
#49
1,4-Dioxane
Concen: 348.337 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	88	Resp	6374
Ion	Ratio	Lower	Upper
88	100		
43	31.4	24.4	36.6
58	66.1	49.2	73.8

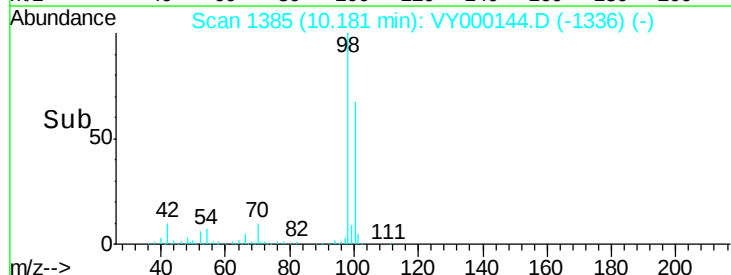
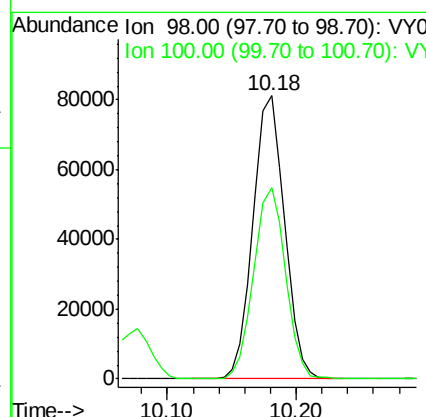
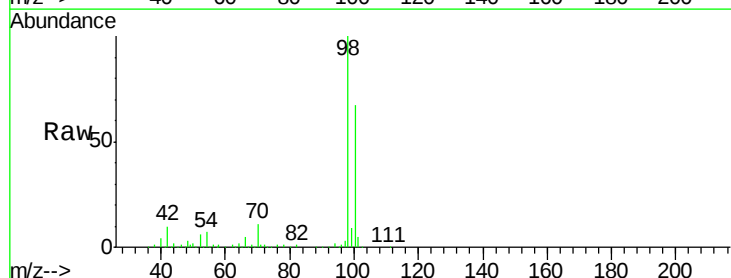
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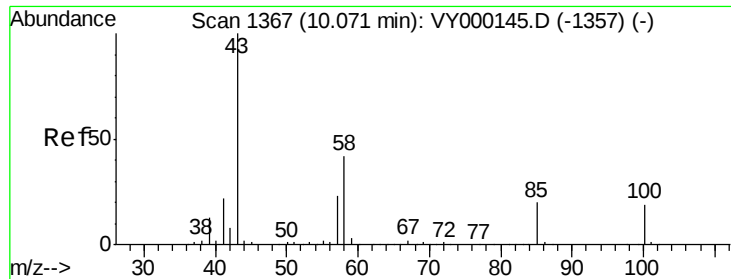
MMDadoda
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#50
Toluene-d8
Concen: 18.450 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	98	Resp	137029
Ion	Ratio	Lower	Upper
98	100		
100	68.3	54.2	81.2





#51

4-Methyl-2-Pentanone

Concen: 87.433 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 123330

Ion Ratio Lower Upper

43 100

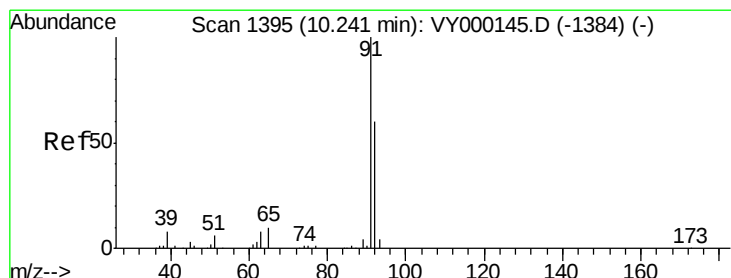
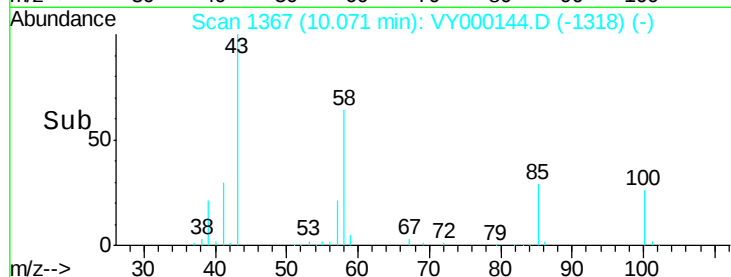
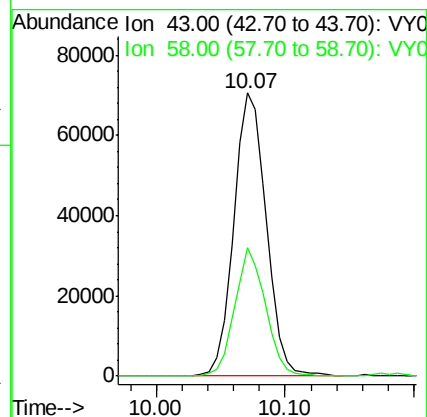
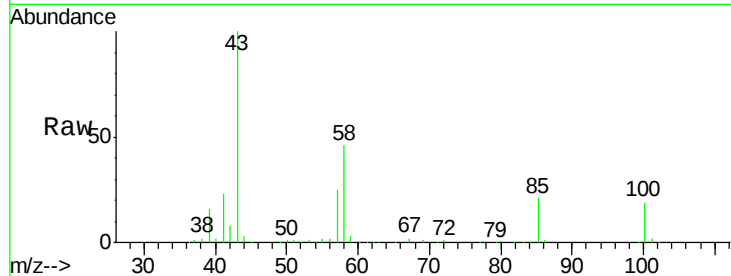
58 43.3 33.6 50.4

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#52

Toluene

Concen: 20.094 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY000144.D

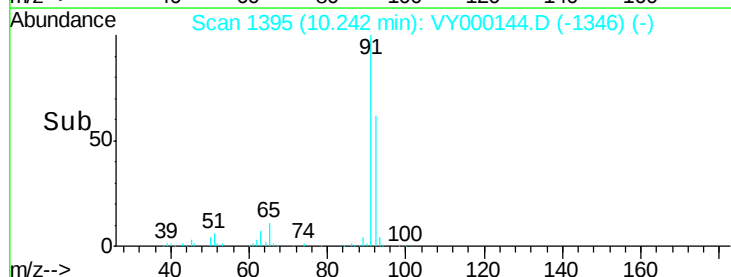
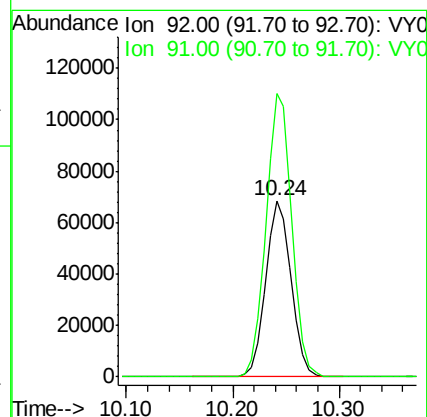
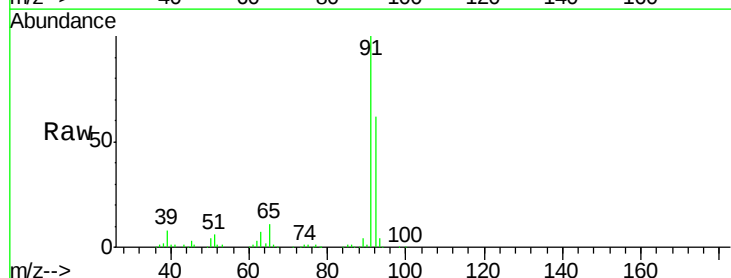
Acq: 26 Sep 2019 11:12

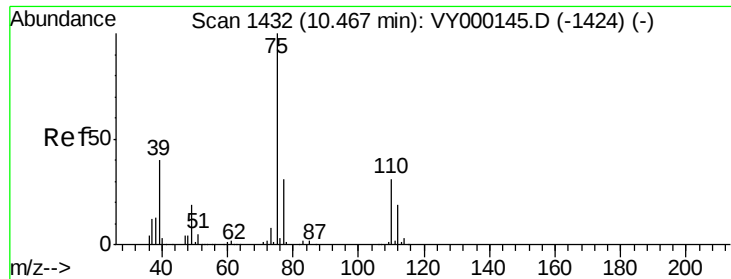
Tgt Ion: 92 Resp: 114487

Ion Ratio Lower Upper

92 100

91 162.6 134.6 201.8





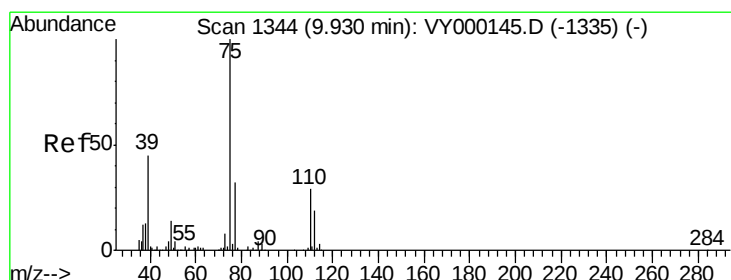
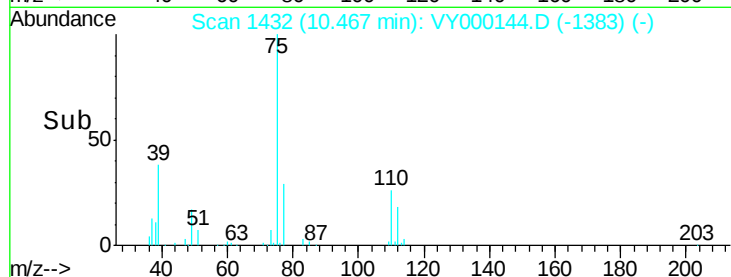
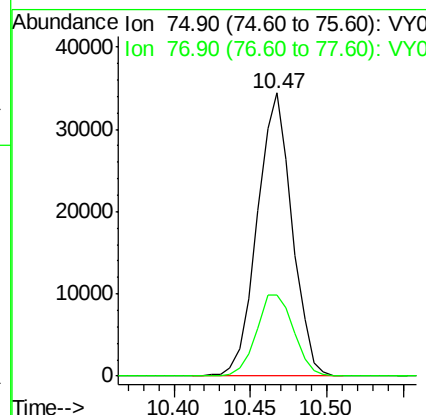
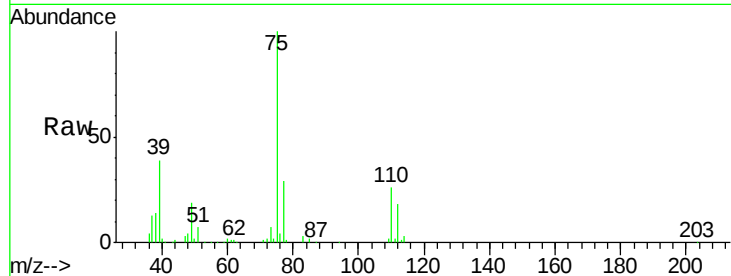
#53
t-1,3-Dichloropropene
Concen: 19.430 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 75 Resp: 54488
Ion Ratio Lower Upper
75 100
77 28.6 25.0 37.4

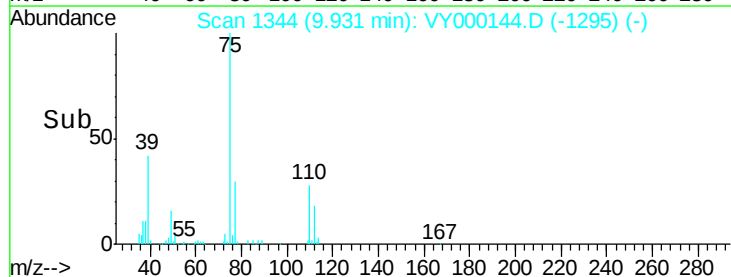
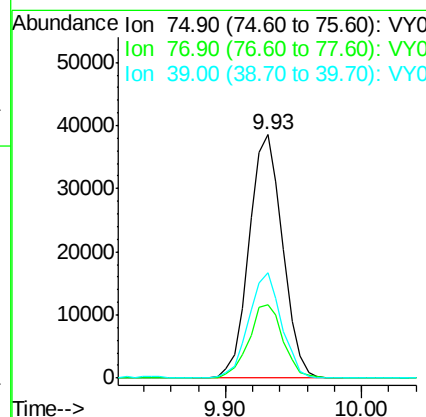
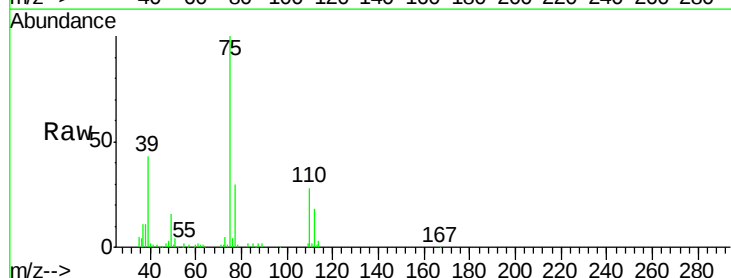
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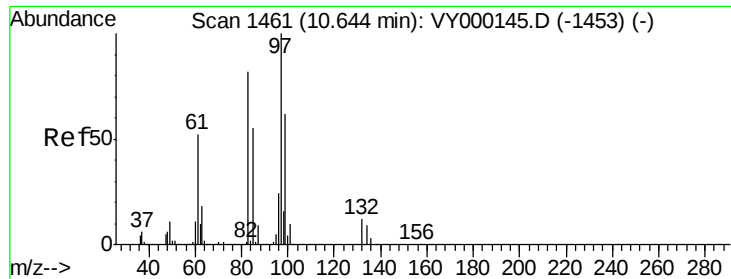
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#54
cis-1,3-Dichloropropene
Concen: 19.920 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 75 Resp: 66201
Ion Ratio Lower Upper
75 100
77 29.9 25.4 38.0
39 43.1 35.8 53.6





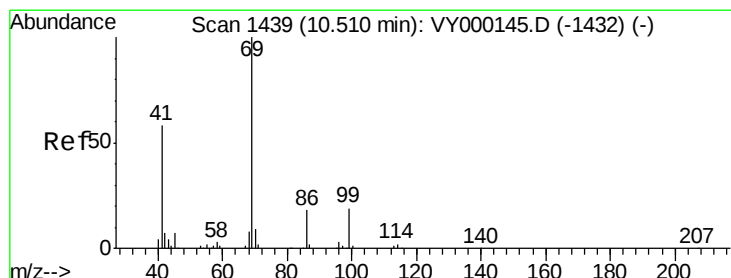
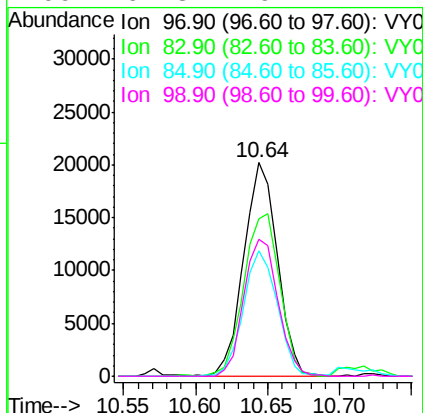
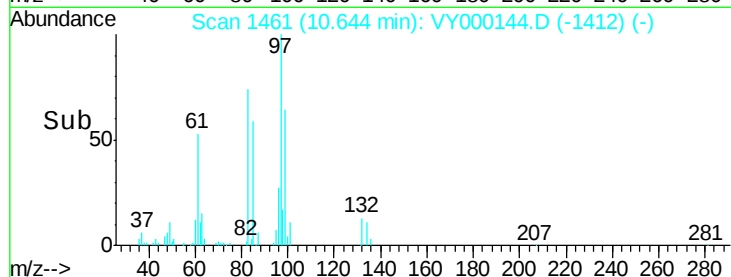
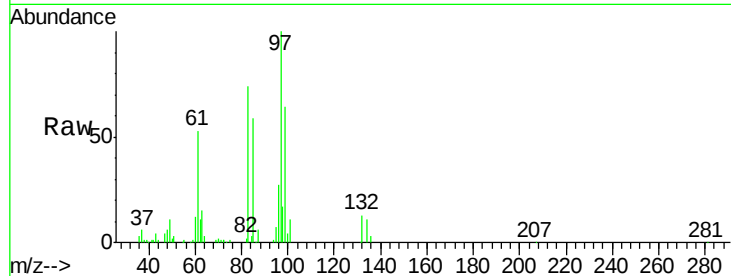
#55
 1,1,2-Trichloroethane
 Concen: 18.566 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	32697
Ion	Ratio	Lower	Upper
97	100		
83	73.3	65.7	98.5
85	59.0	44.1	66.1
99	64.3	49.4	74.2

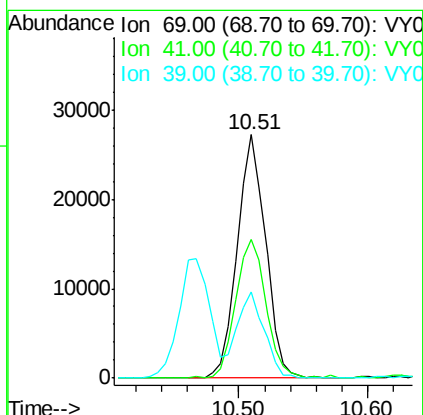
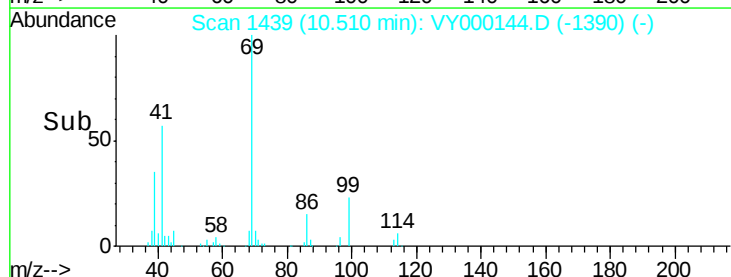
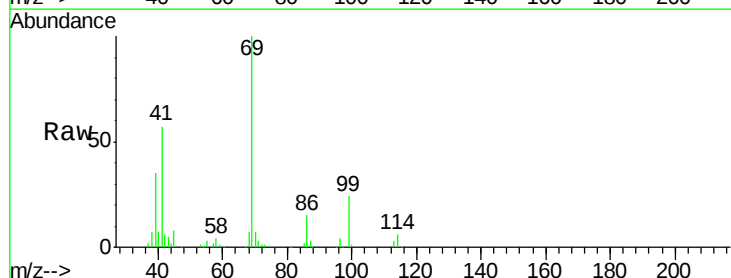
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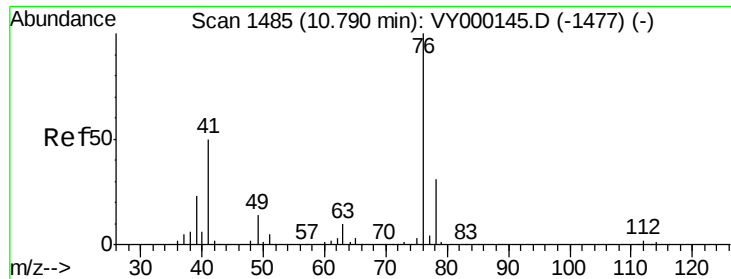
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 18.165 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Tgt Ion:	69	Resp:	41613
Ion	Ratio	Lower	Upper
69	100		
41	60.0	45.8	68.8
39	34.6	27.8	41.8





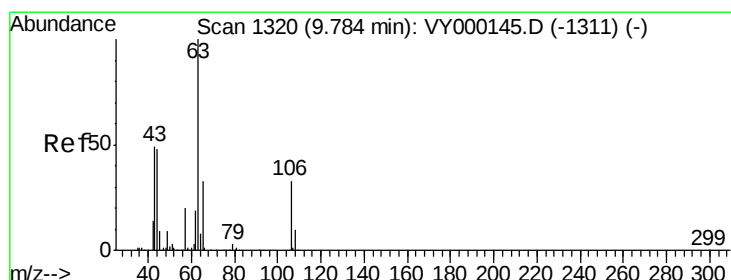
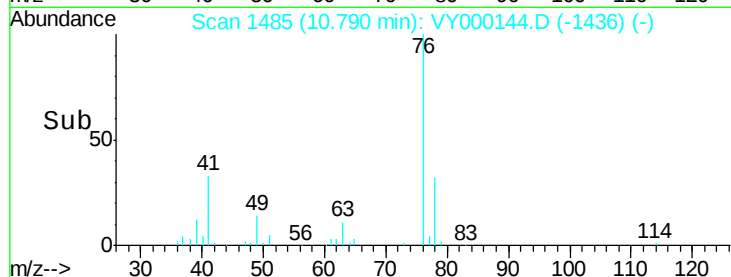
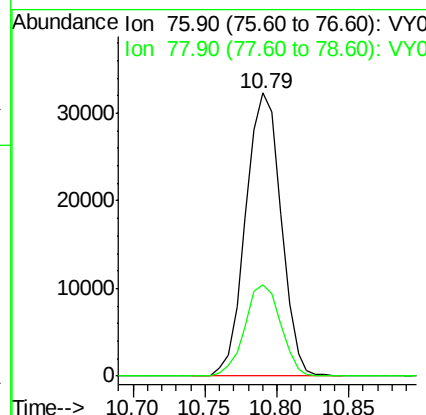
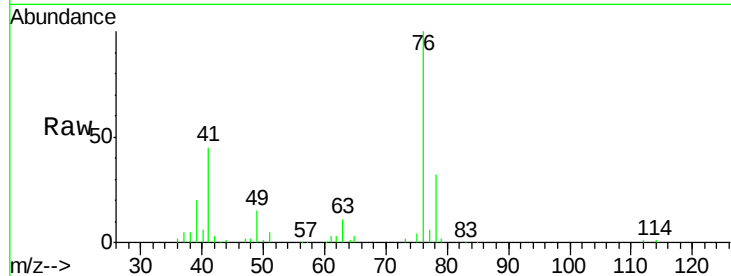
#57
 1,3-Dichloropropane
 Concen: 19.409 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.4	38.0

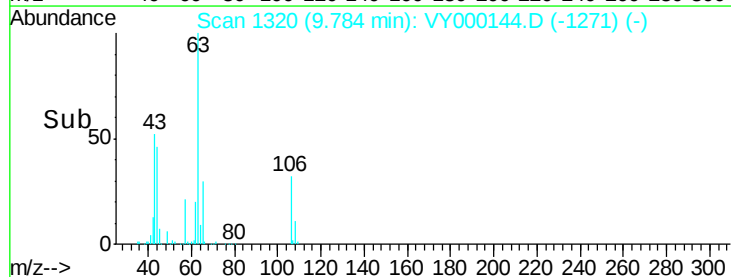
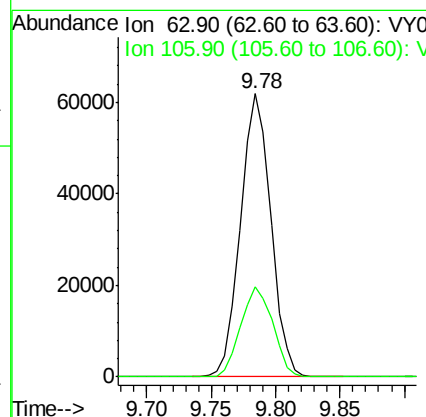
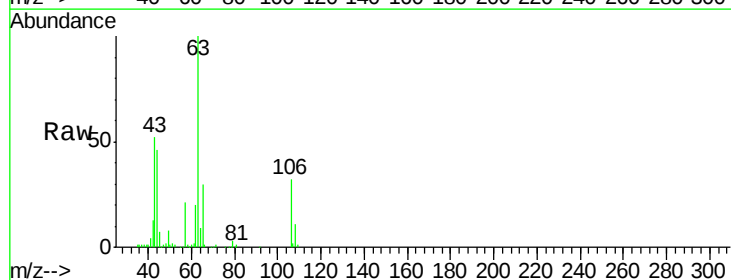
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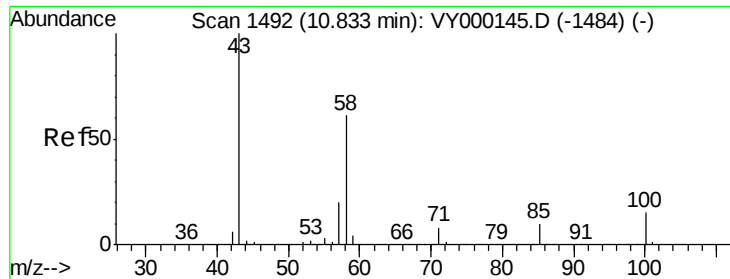
MMDadoda
 10/2/2019 9:12:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.926 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.6	27.0	40.6





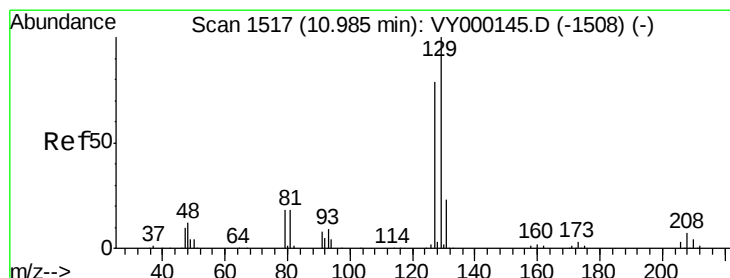
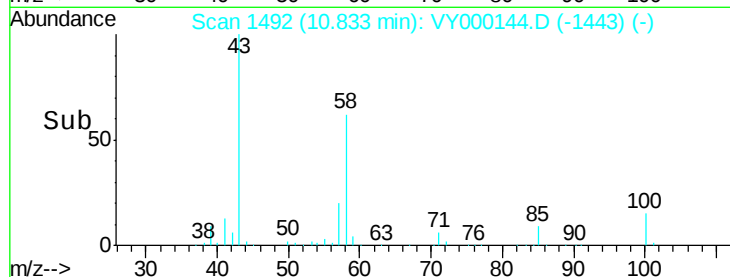
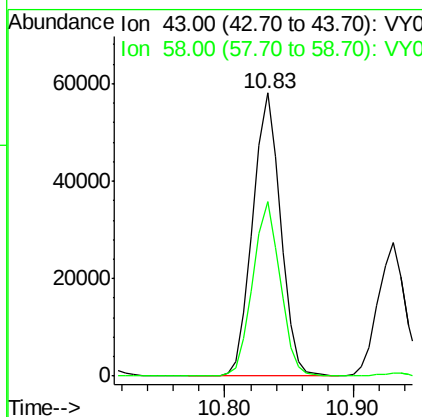
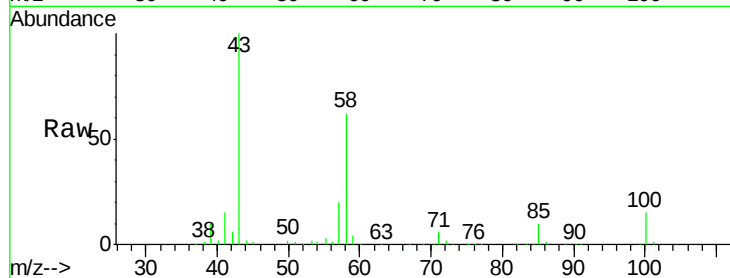
#59
2-Hexanone
Concen: 86.525 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 86745
Ion Ratio Lower Upper
43 100
58 60.7 29.5 88.5

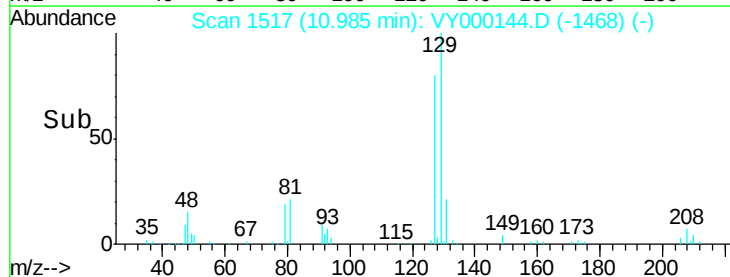
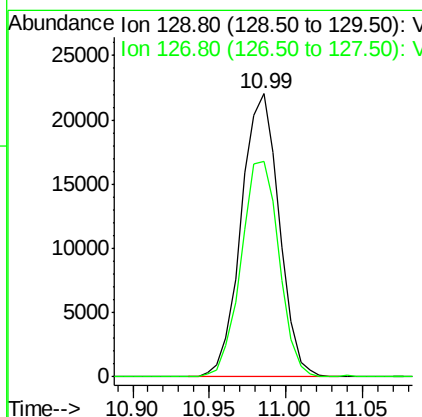
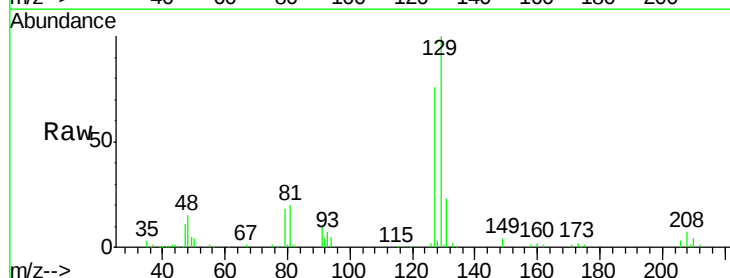
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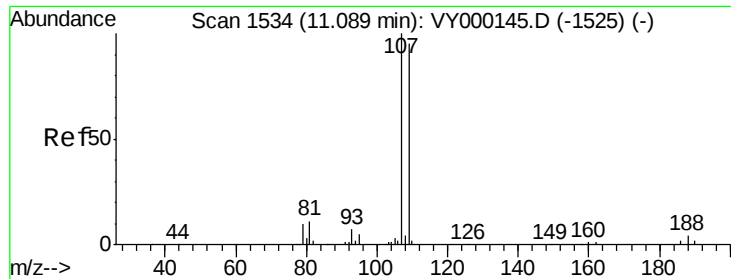
MMDadoda
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#60
Dibromochloromethane
Concen: 19.098 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion: 129 Resp: 38020
Ion Ratio Lower Upper
129 100
127 76.2 39.4 118.1





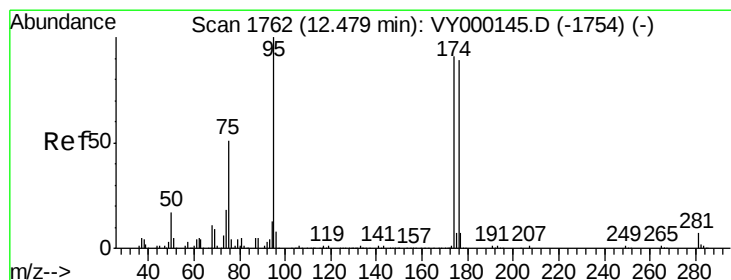
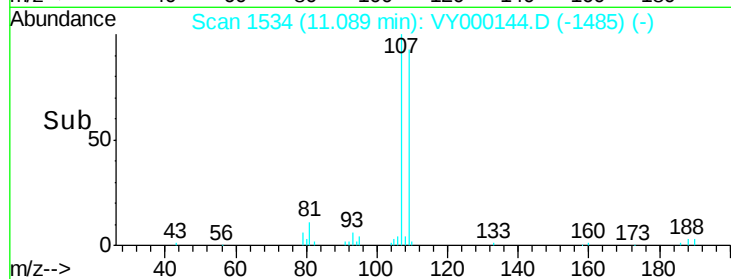
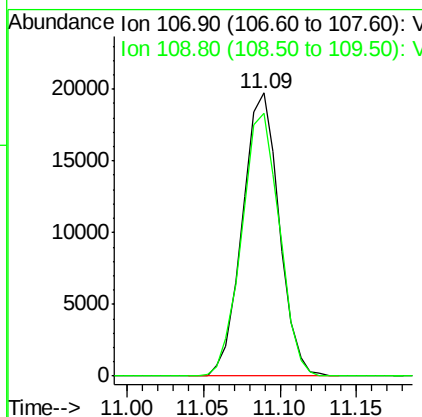
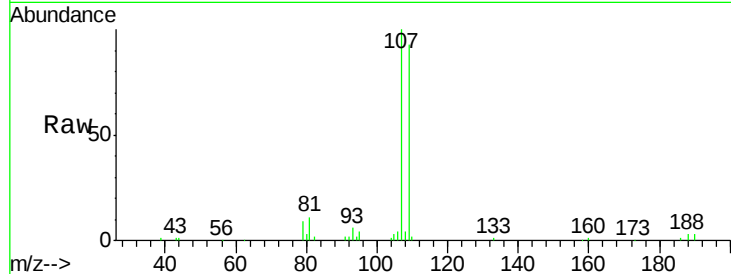
#61
 1,2-Dibromoethane
 Concen: 19.585 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion: 107 Resp: 32913
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.8 113.8

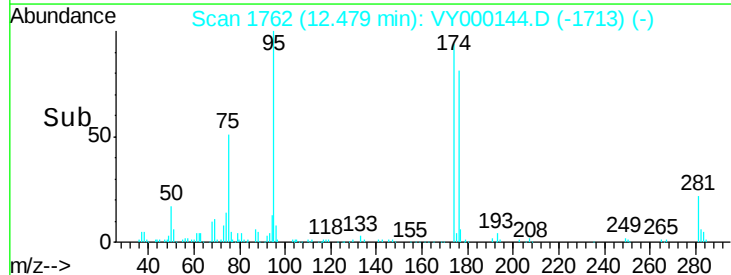
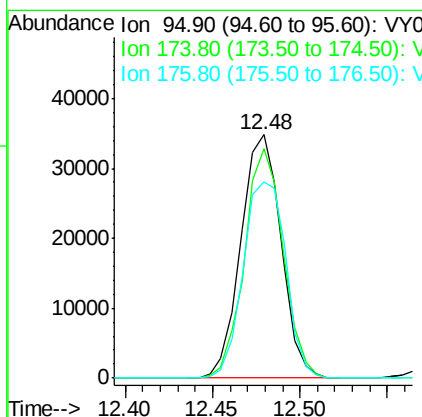
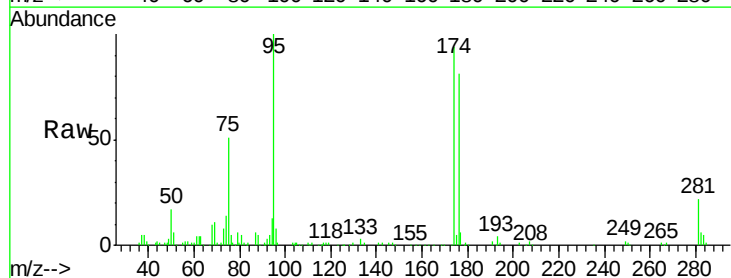
Manual Integrations
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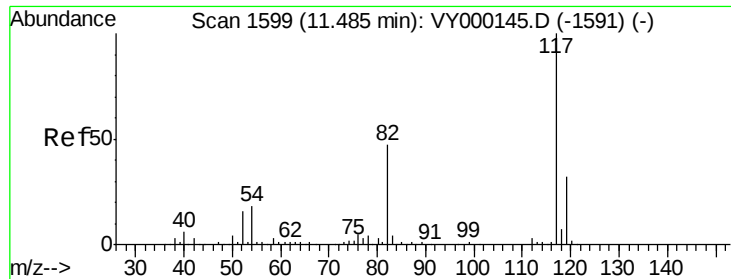
MMDadoda
 10/2/2019 9:12:52 AM



#62
 4-Bromofluorobenzene
 Concen: 20.648 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Tgt Ion: 95 Resp: 55895
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 180.6
 176 85.8 0.0 171.6





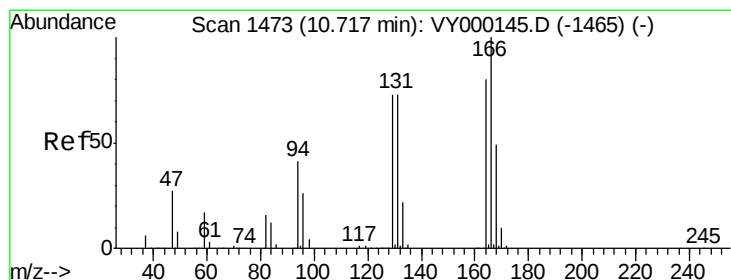
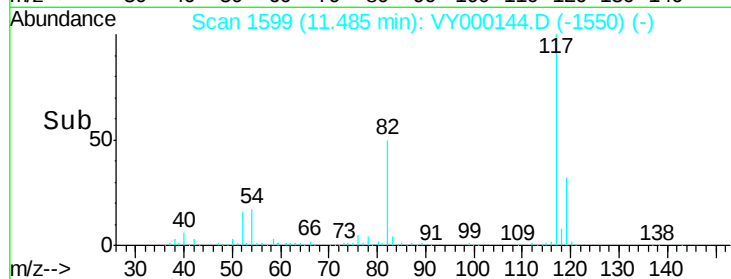
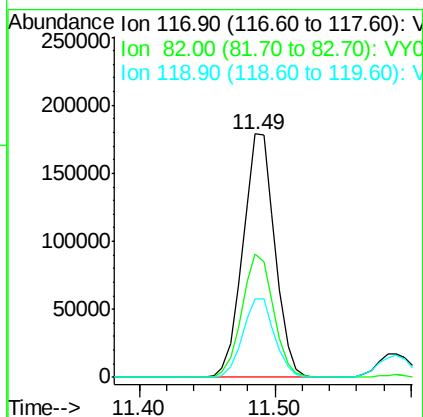
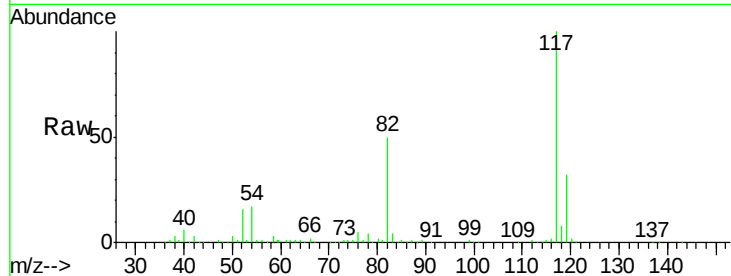
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.4	37.7	56.5
119	32.5	25.4	38.2

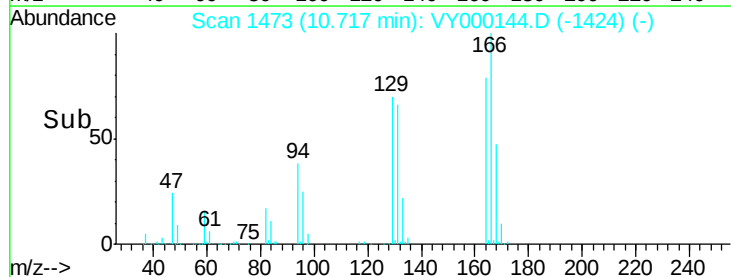
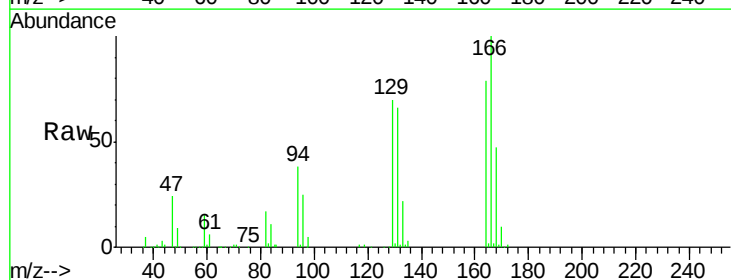
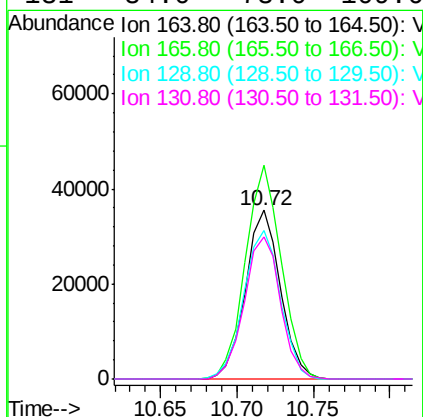
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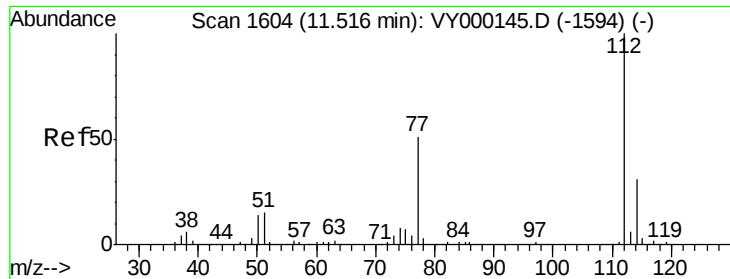
MMDadoda
10/2/2019 9:12:52 AM



#64
Tetrachloroethene
Concen: 19.574 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	99.5	149.3
129	88.1	72.8	109.2
131	84.0	73.0	109.6





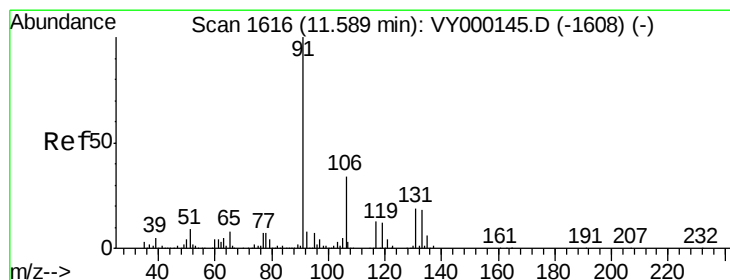
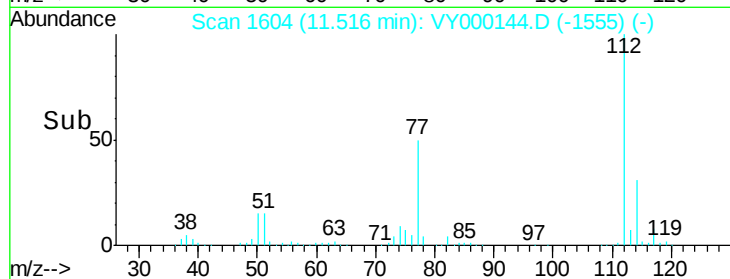
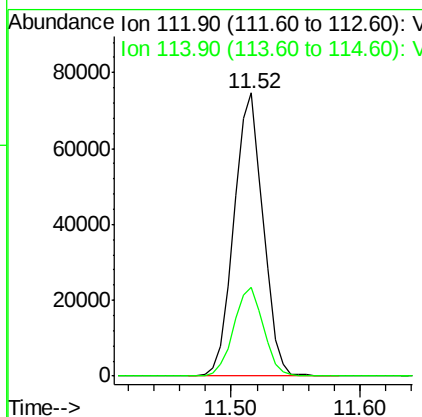
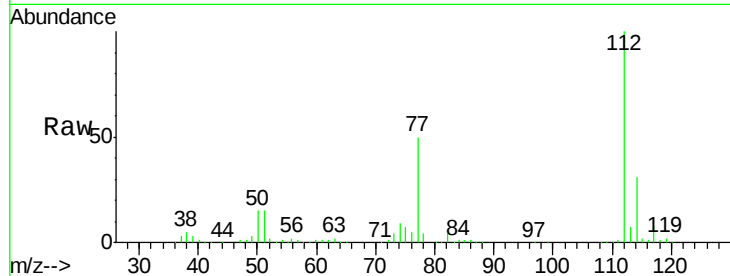
#65
Chlorobenzene
Concen: 19.282 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion:112 Resp: 117145
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

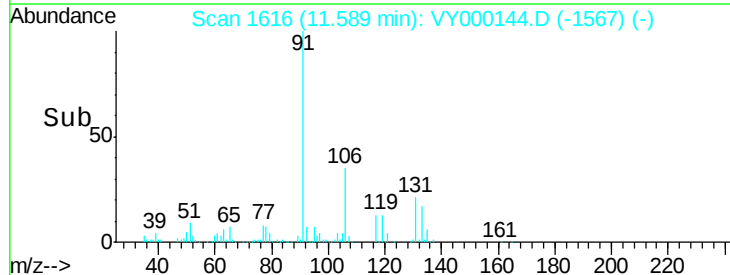
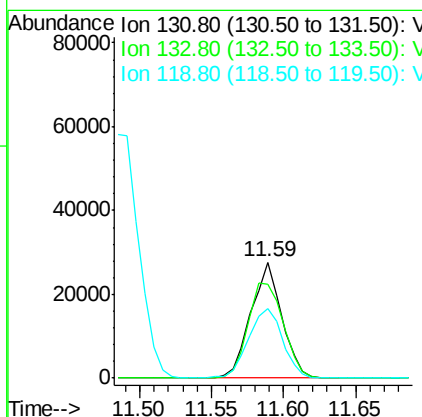
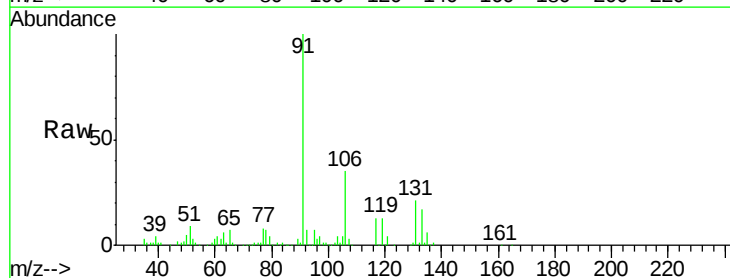
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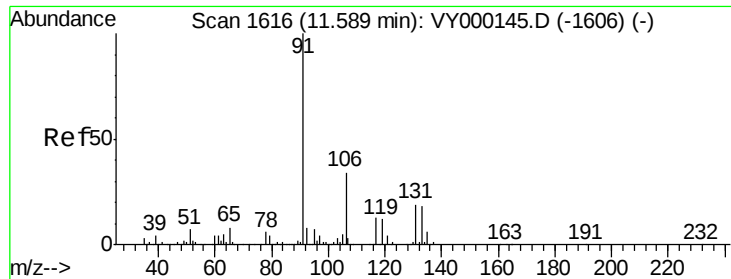
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.000 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion:131 Resp: 41058
Ion Ratio Lower Upper
131 100
133 94.0 47.2 141.6
119 65.8 32.3 96.9





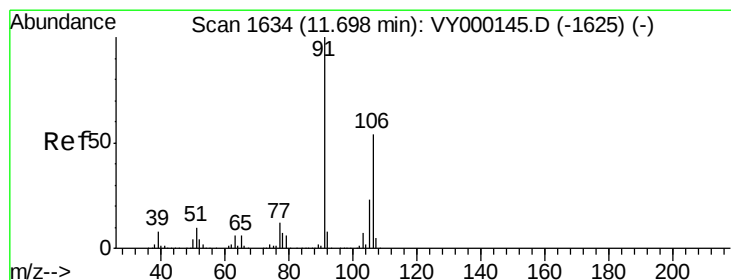
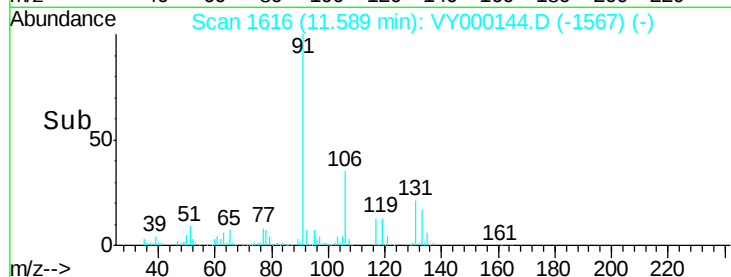
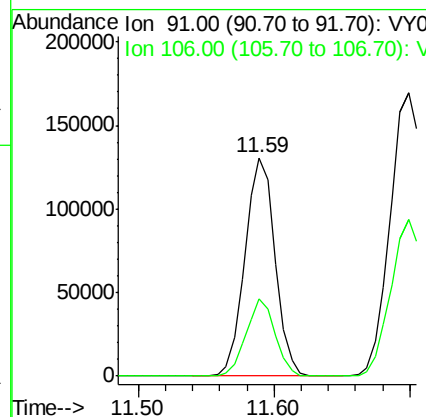
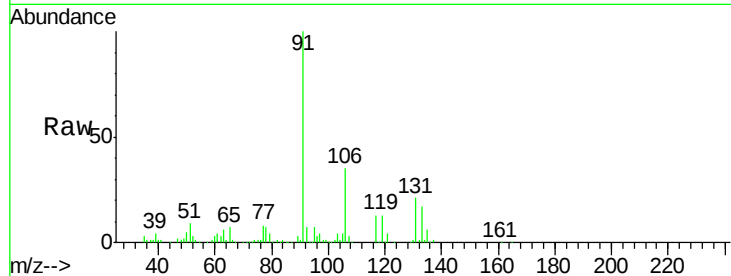
#67
Ethyl Benzene
Concen: 19.406 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
106	35.2	27.3	40.9

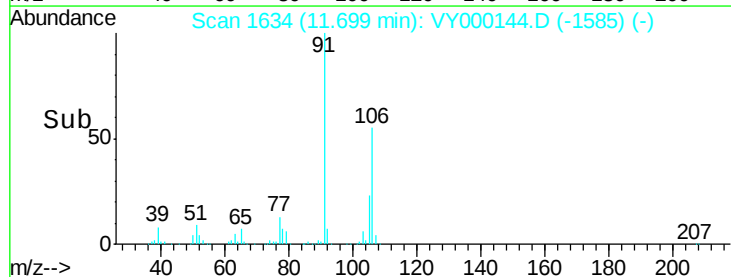
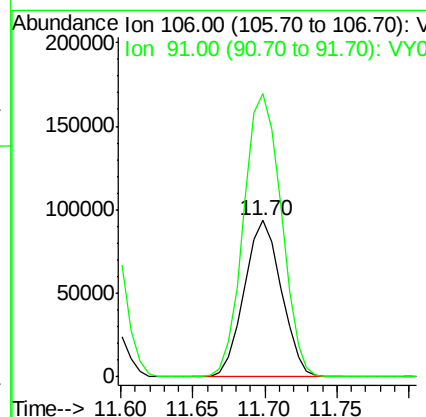
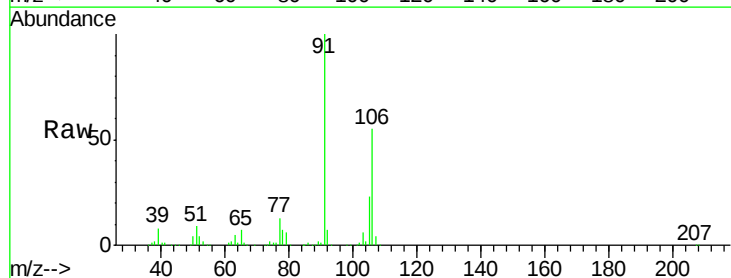
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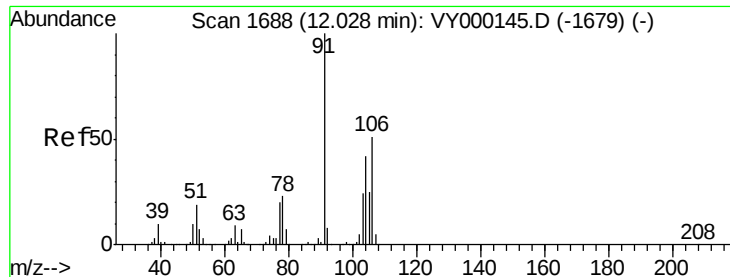
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#68
m/p-Xylenes
Concen: 39.843 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
106	100		
91	183.8	148.6	223.0





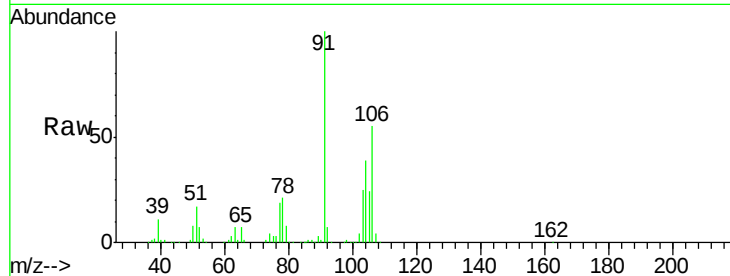
#69
o-Xylene
Concen: 19.086 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

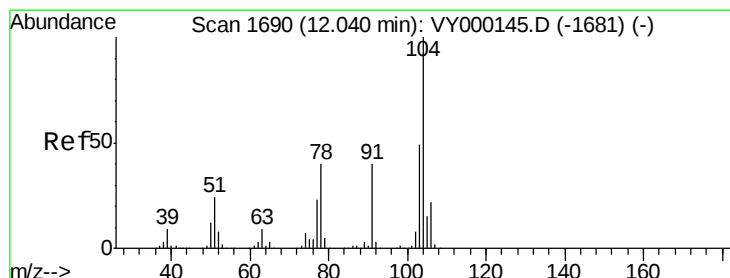
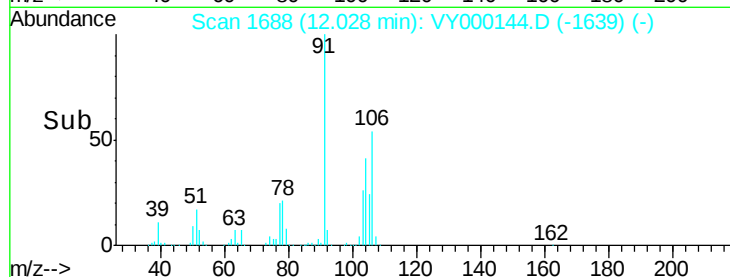
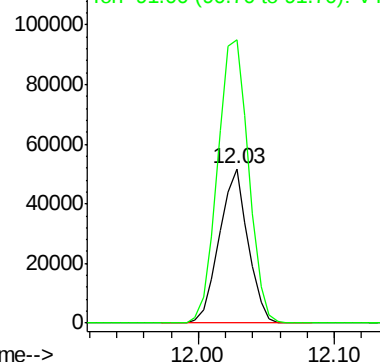
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		76420		
91	198.7	98.0	293.9		

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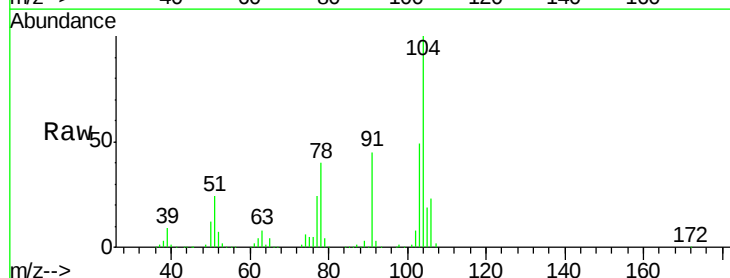


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

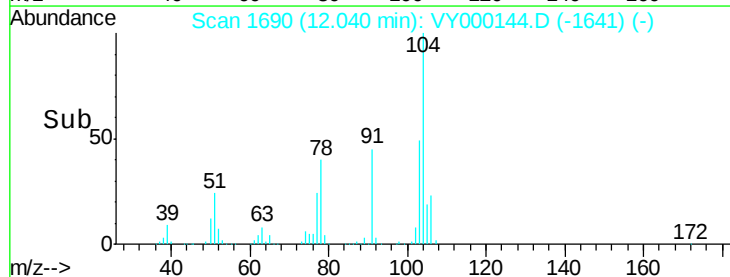
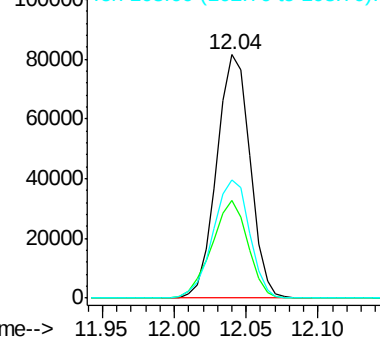


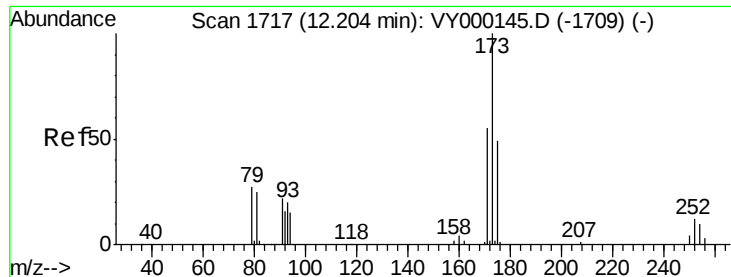
#70
Styrene
Concen: 19.247 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		130419		
78	43.5	34.7	52.1		
103	53.3	41.6	62.4		



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.736 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 21396

Ion Ratio Lower Upper

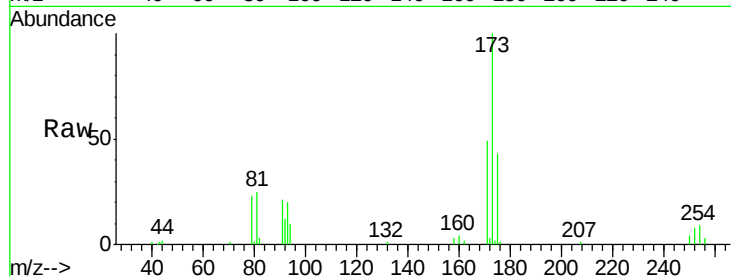
173 100

175 49.5 23.5 70.6

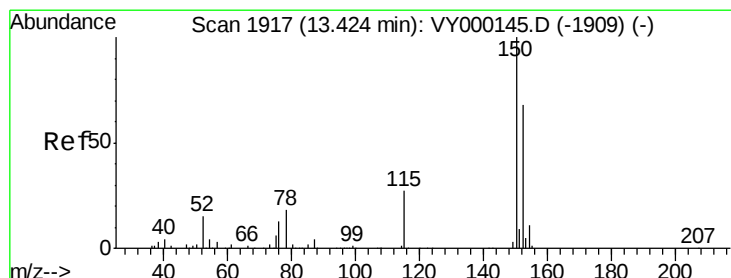
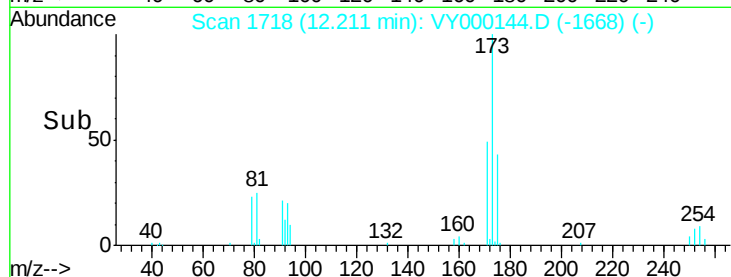
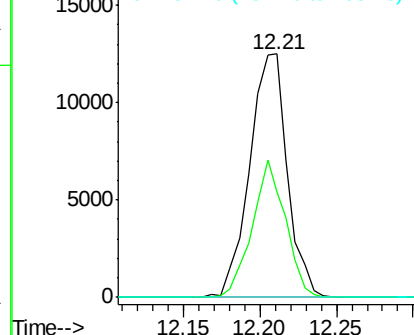
254 0.0 0.1 0.1#

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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# 1916

Delta R.T. -0.01 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

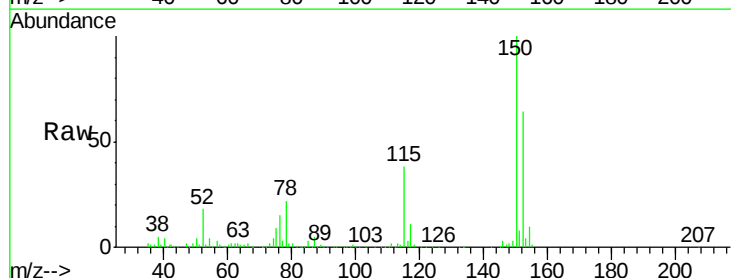
Tgt Ion:152 Resp: 138903

Ion Ratio Lower Upper

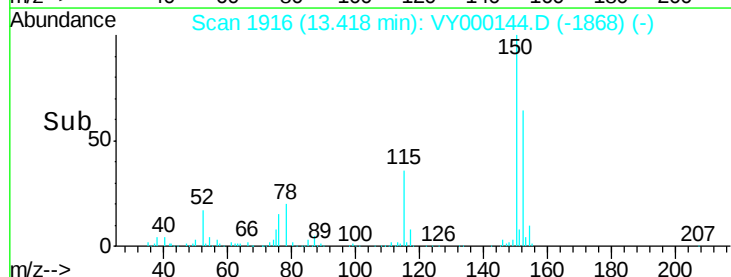
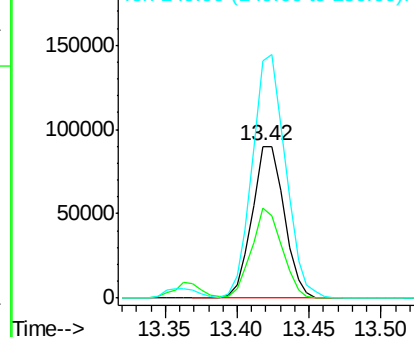
152 100

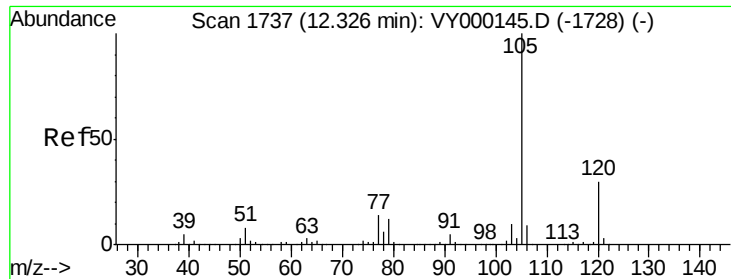
115 56.5 26.8 80.4

150 165.7 0.0 347.8



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: 19.636 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC020

Tot Ion: 105 Resp: 196786

Ion Ratio Lower Upper

105 100

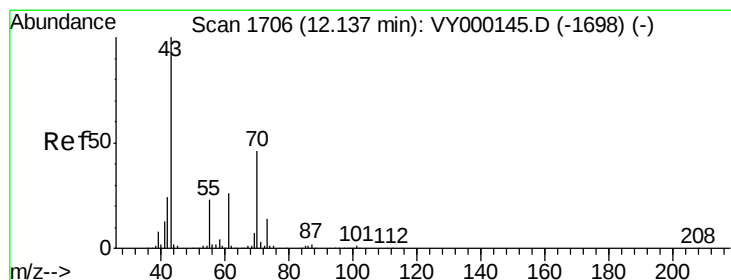
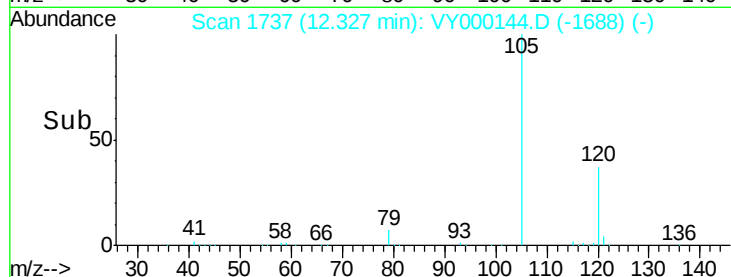
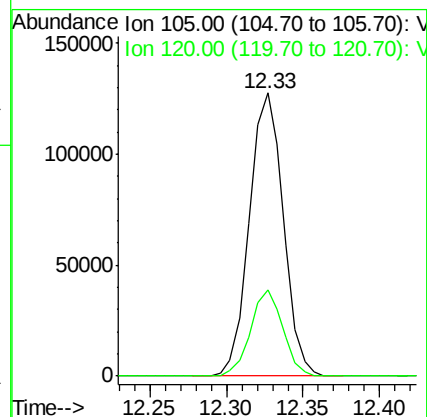
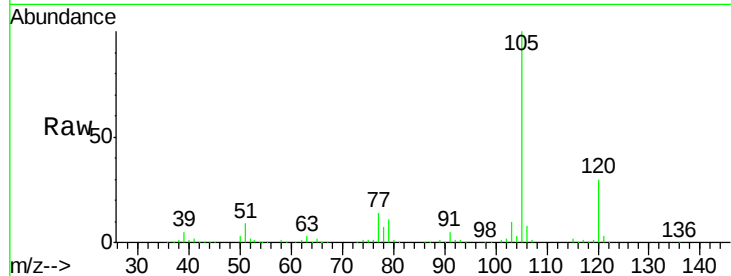
120 28.8 14.7 44.1

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#74

N-ethyl acetate

Concen: 18.031 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Tgt Ion: 43 Resp: 43741

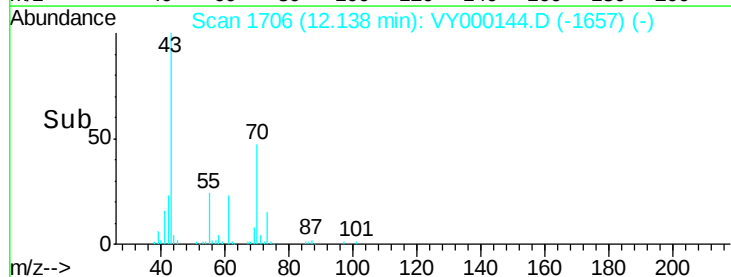
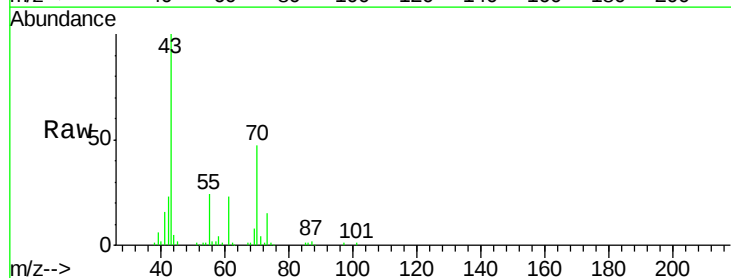
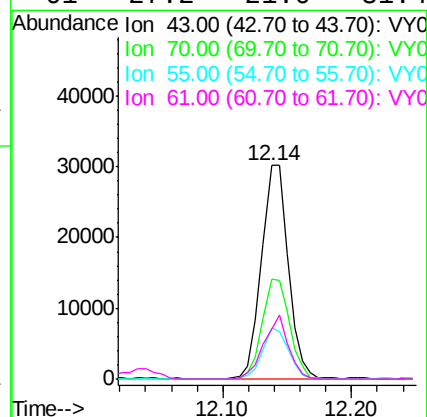
Ion Ratio Lower Upper

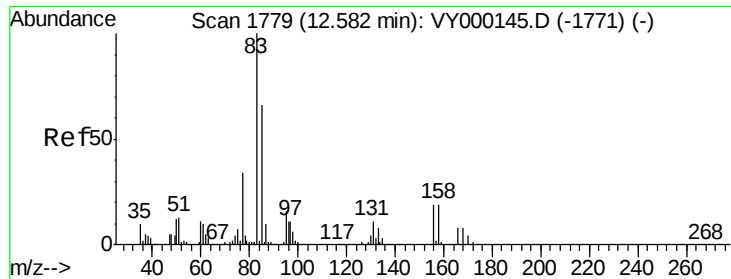
43 100

70 47.7 37.3 55.9

55 23.2 18.6 27.8

61 27.2 21.0 31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.938 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

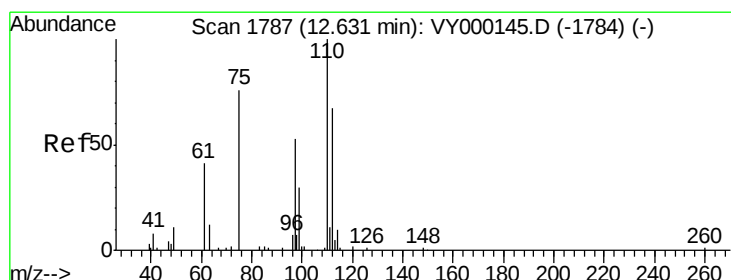
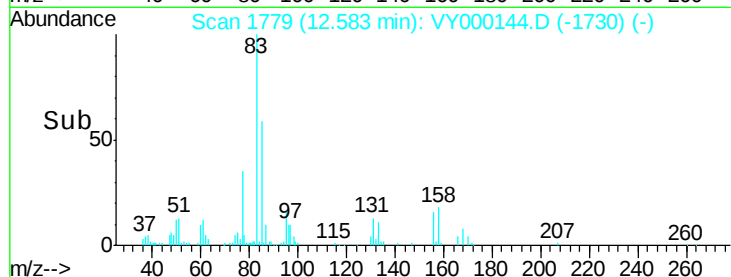
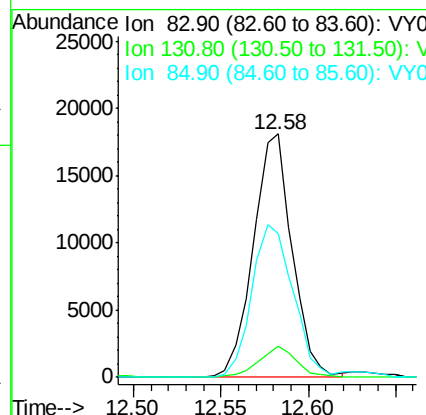
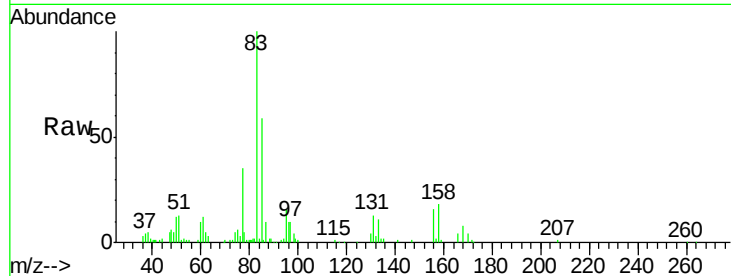
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	27983
Ion Ratio	Lower	Upper	
83	100		
131	12.3	5.4	16.2
85	66.3	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.435 ug/l m

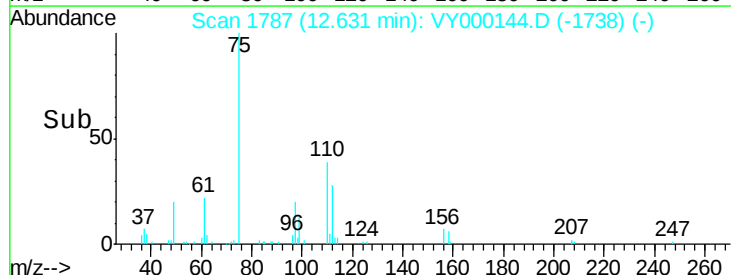
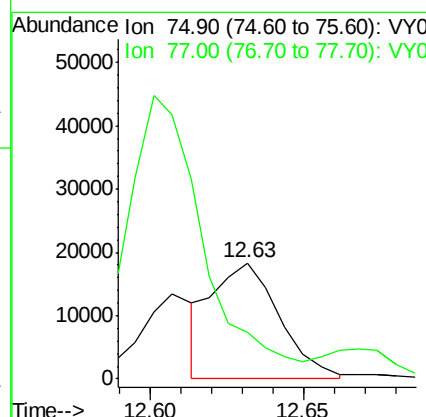
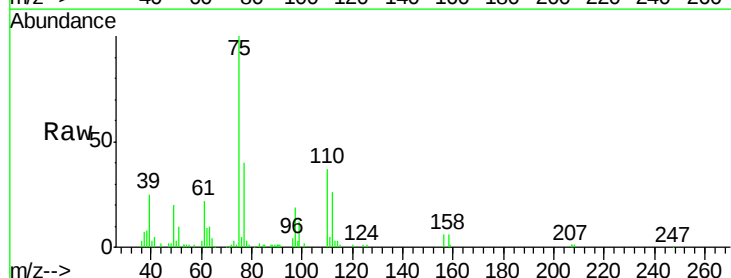
RT: 12.63 min Scan# 1787

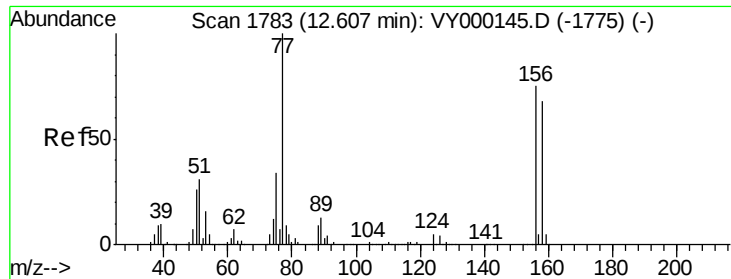
Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Tgt Ion:	75	Resp:	27959
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





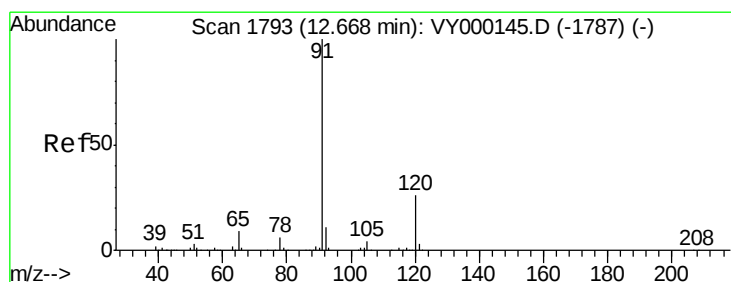
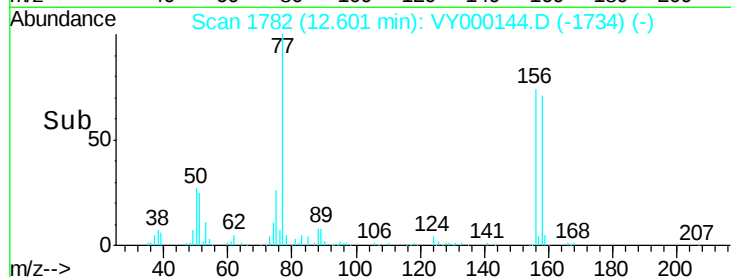
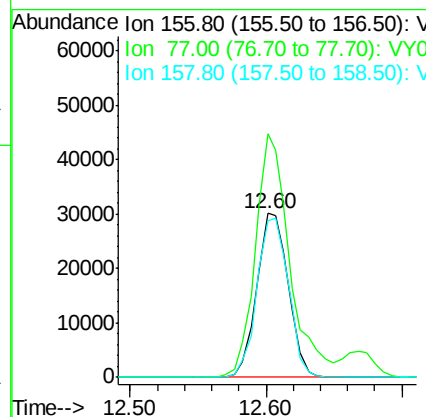
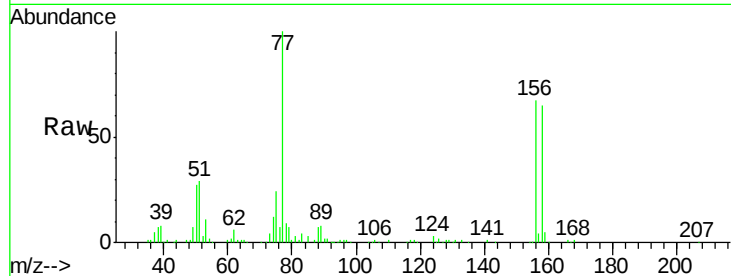
#77
Bromobenzene
Concen: 19.780 ug/l
RT: 12.60 min Scan# 1782
Delta R.T. -0.01 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	161.7	83.0	249.2	
158	97.6	47.4	142.2	

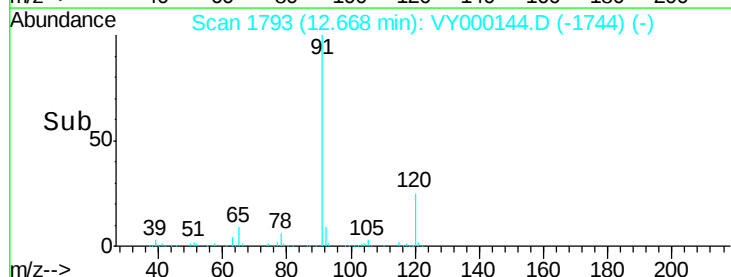
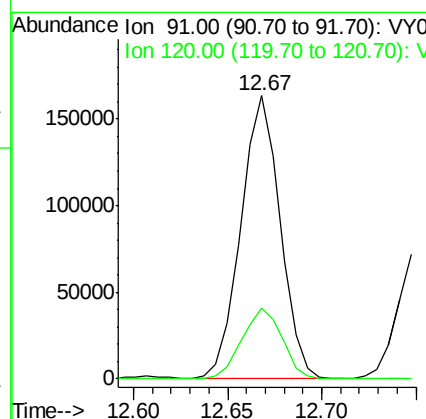
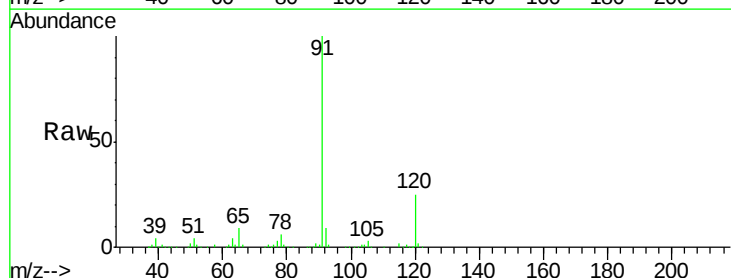
Manual Integrations
APPROVED

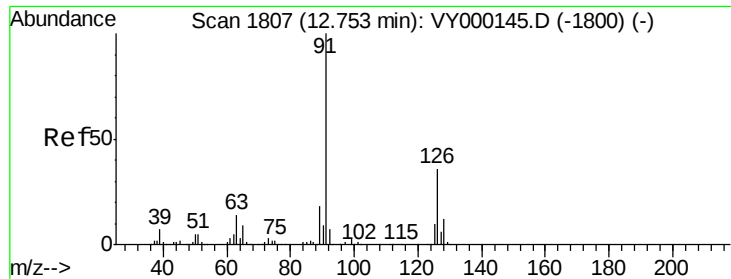
MMDadoda
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#78
n-propylbenzene
Concen: 19.810 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	25.4	12.8	38.3	





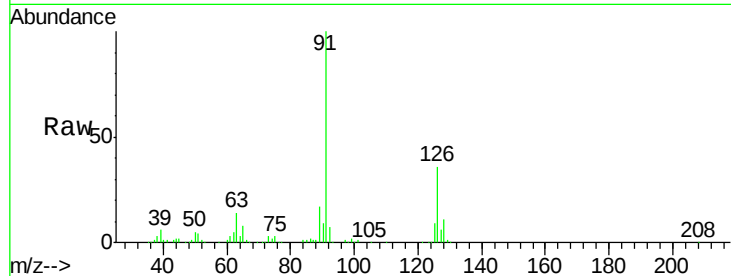
#79
 2-Chlorotoluene
 Concen: 19.941 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

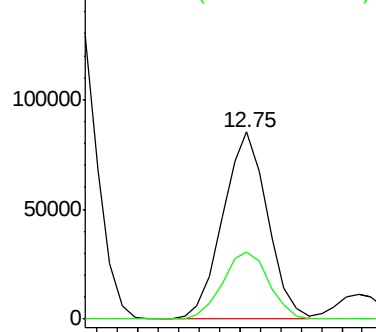
Tot Ion	Ratio	Lower	Upper
91	100		
126	37.2	19.1	57.5

Manual Integrations
 APPROVED

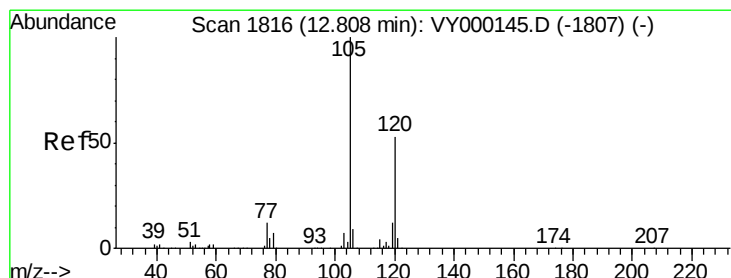
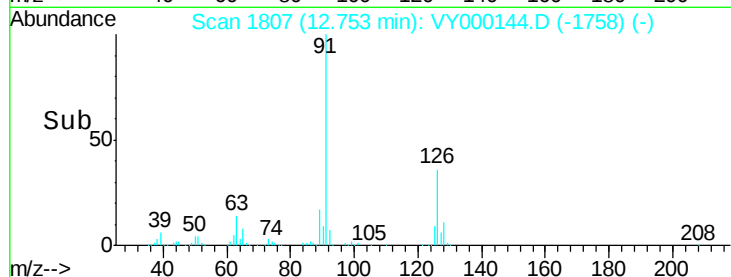
MMDadoda
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Abundance Ion 91.00 (90.70 to 91.70): VY000145.D (-1800) (-)
 Ion 125.90 (125.60 to 126.60): VY000145.D (-1800) (-)

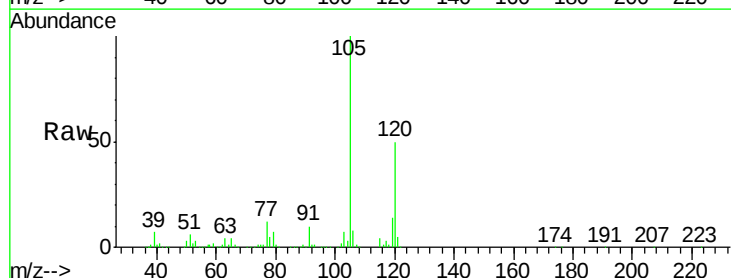


Time-->

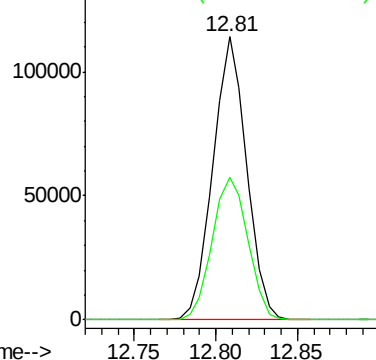


#80
 1,3,5-Trimethylbenzene
 Concen: 19.683 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

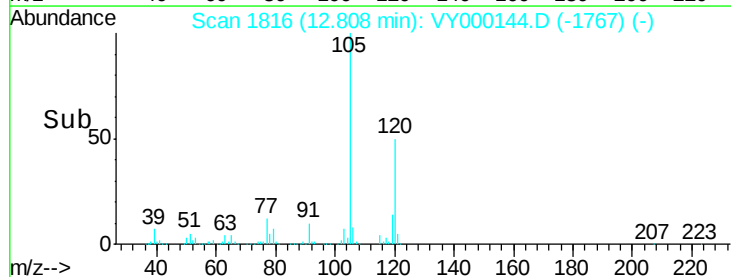
Tgt Ion	Ratio	Lower	Upper
105	100		
120	53.2	26.7	80.0

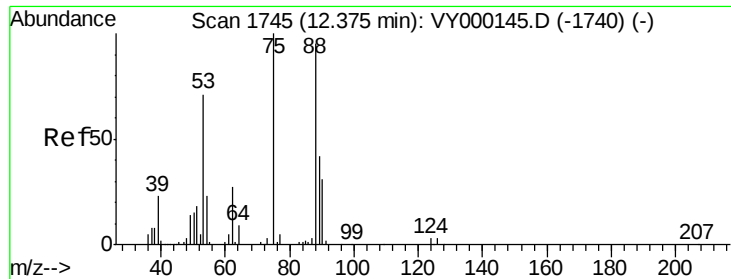


Abundance Ion 105.00 (104.70 to 105.70): VY000145.D (-1807) (-)
 Ion 120.00 (119.70 to 120.70): VY000145.D (-1807) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.955 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

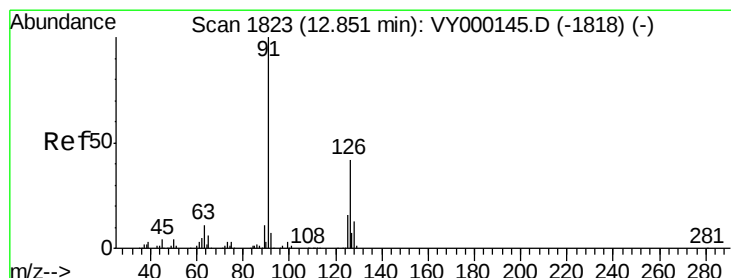
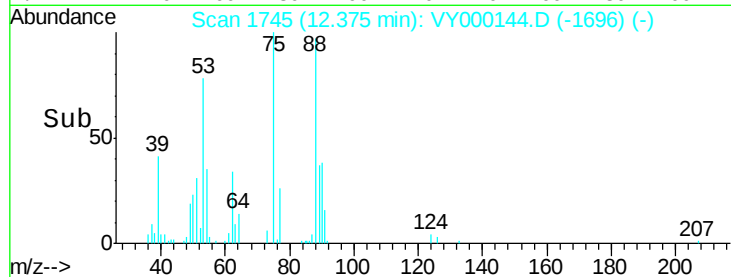
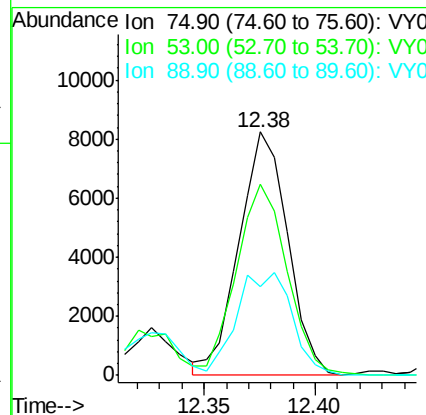
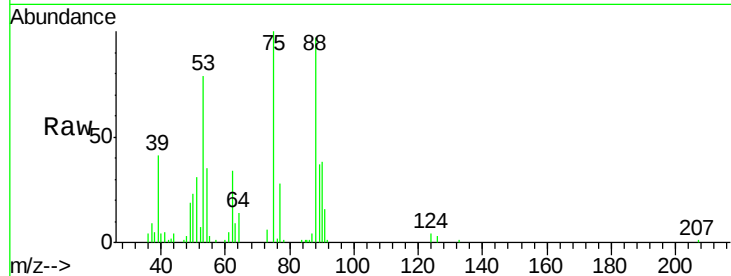
ClientSampleId :

VSTDIC020

Tot Ion:	75	Resp:	12595
Ion	Ratio	Lower	Upper
75	100		
53	82.1	61.8	92.8
89	47.7	35.6	53.4

Manual Integrations
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10/2/2019 9:12:52 AM



#82

4-Chlorotoluene

Concen: 19.875 ug/l

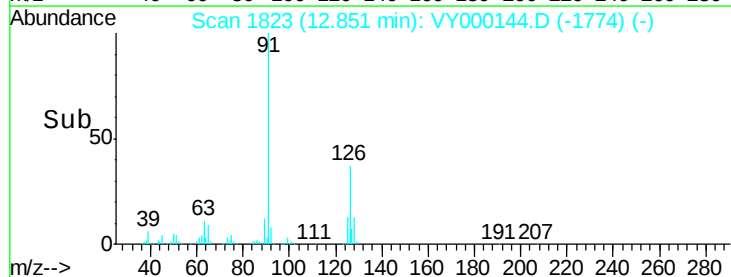
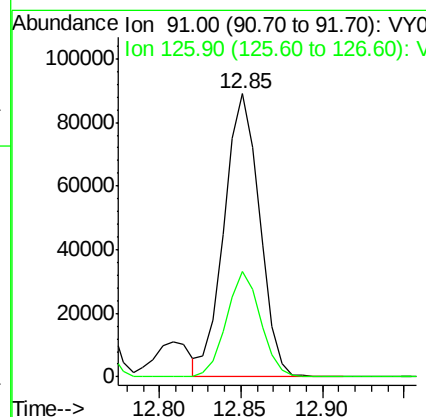
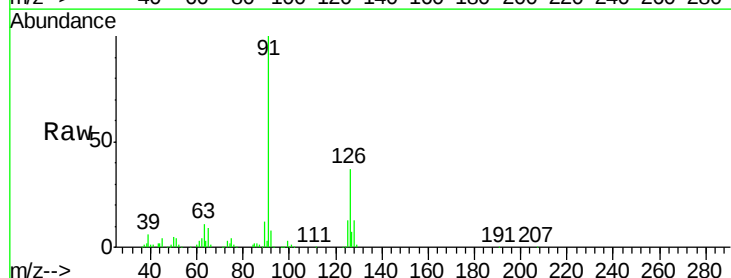
RT: 12.85 min Scan# 1823

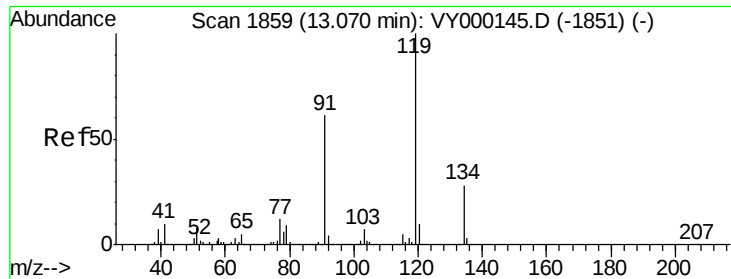
Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Tgt Ion:	91	Resp:	134610
Ion	Ratio	Lower	Upper
91	100		
126	35.8	19.4	58.2





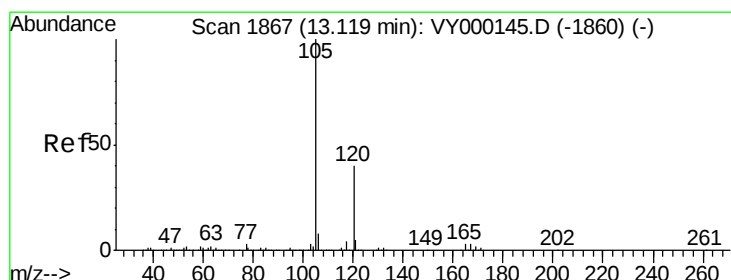
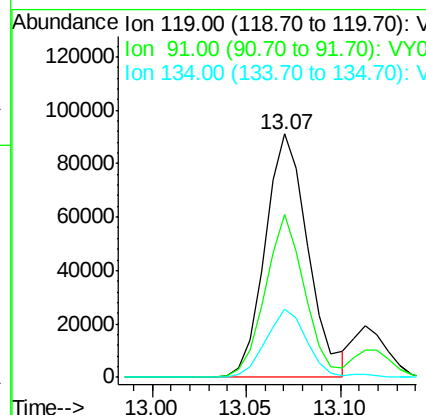
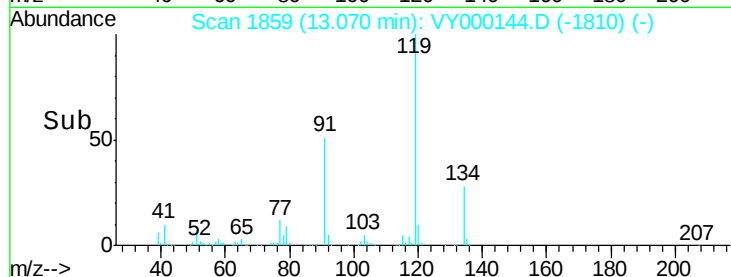
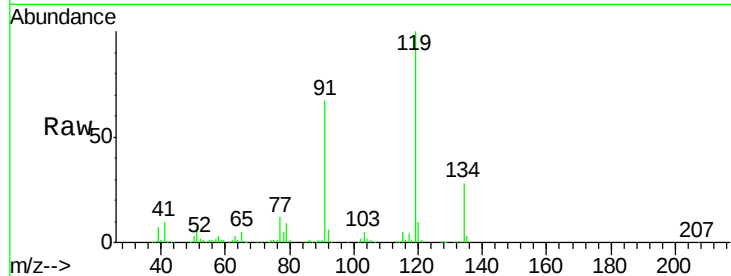
#83
 tert-Butylbenzene
 Concen: 19.957 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	143271		
91	62.0		31.0	93.0
134	27.2		14.0	41.9

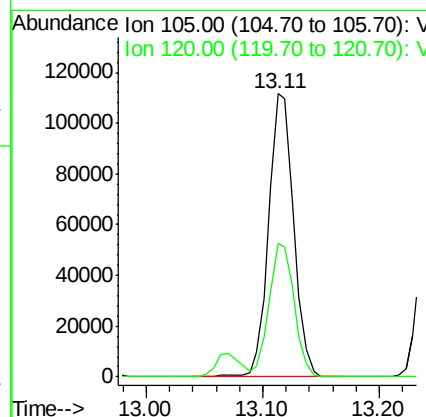
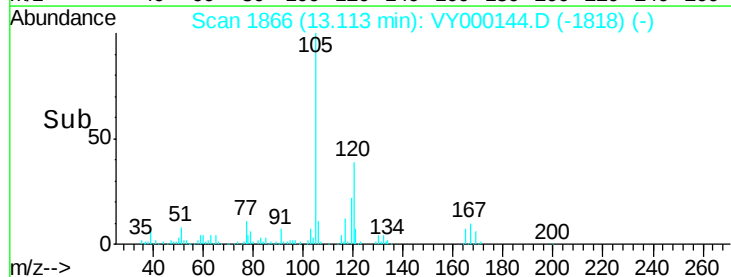
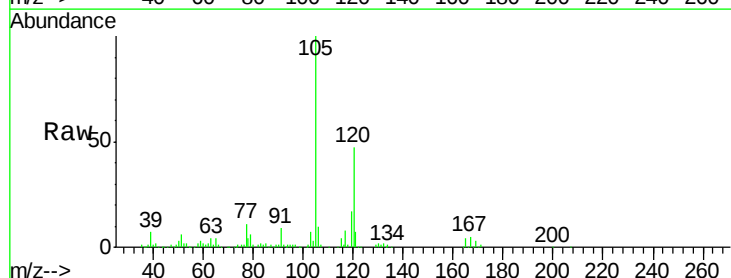
Manual Integrations
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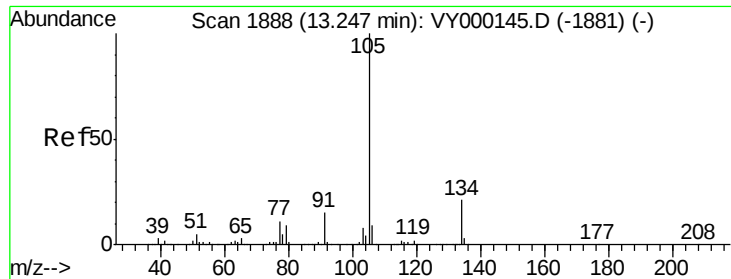
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.822 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	166999		
120	47.2		24.6	73.8





#85

sec-Butylbenzene

Concen: 19.693 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 202985

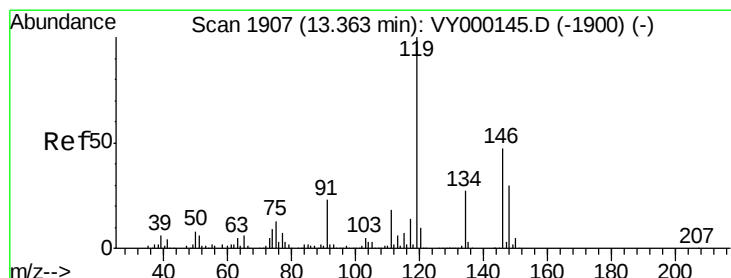
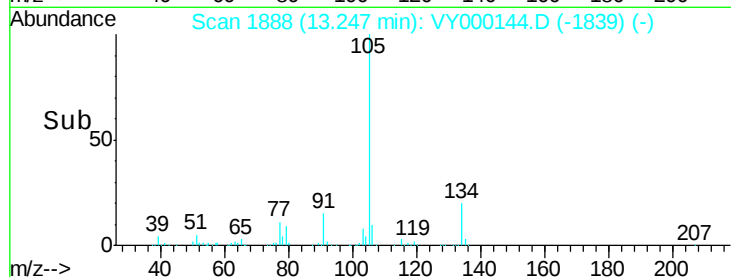
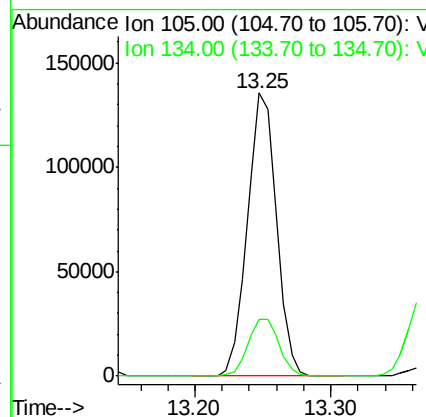
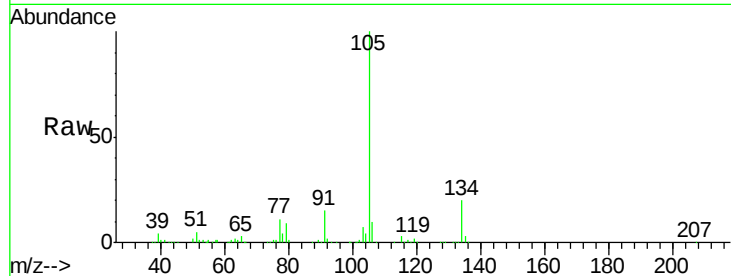
Ion Ratio Lower Upper

105 100

134 21.5 10.9 32.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.883 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

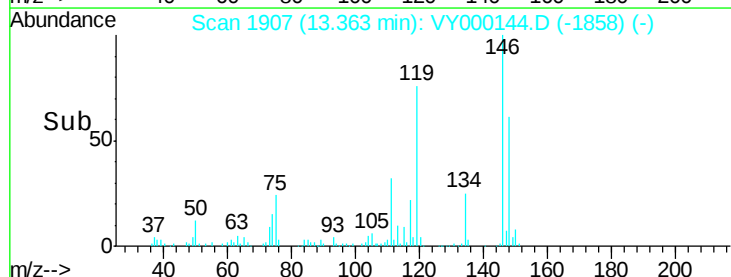
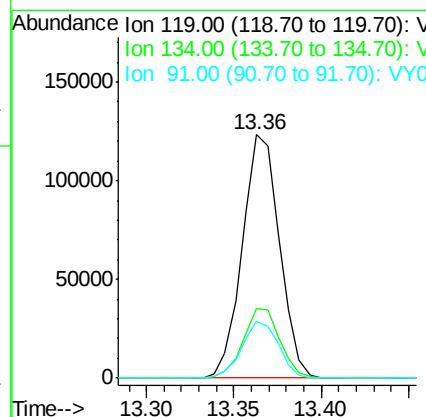
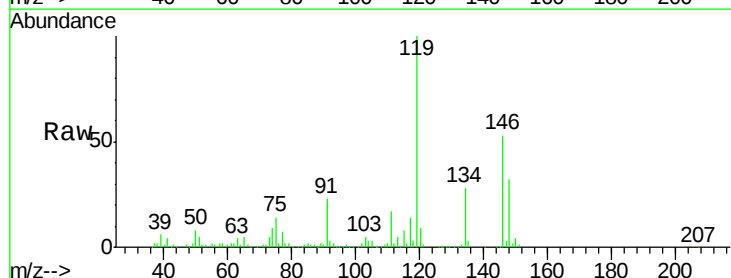
Tgt Ion:119 Resp: 182504

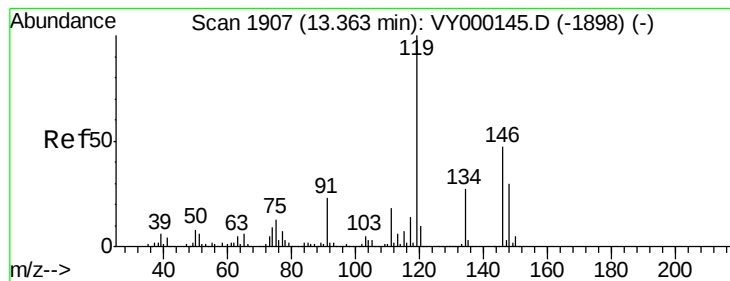
Ion Ratio Lower Upper

119 100

134 28.4 14.3 42.9

91 23.0 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.884 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tot Ion:146 Resp: 94323

Ion Ratio Lower Upper

146 100

111 36.4 19.0 57.0

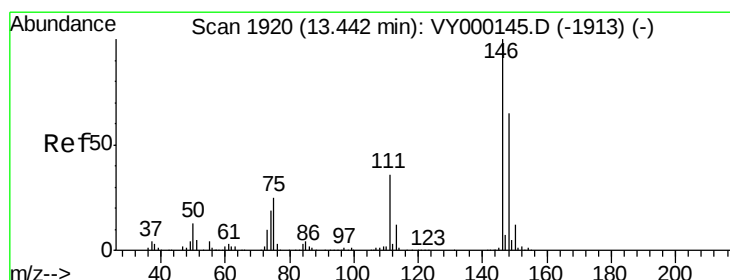
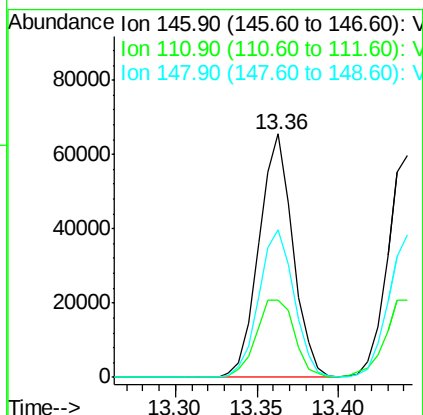
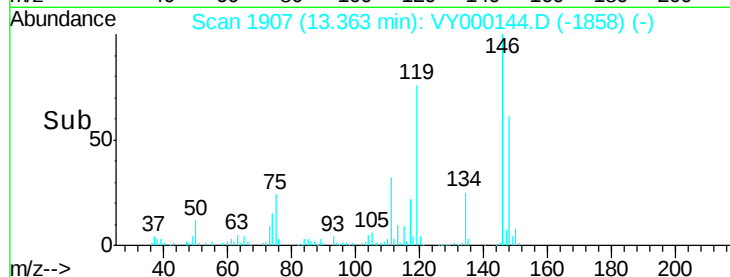
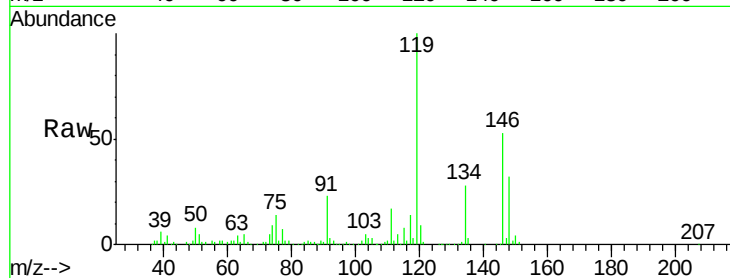
148 63.0 31.6 94.8

Manual Integrations

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#88

1,4-Dichlorobenzene

Concen: 19.592 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY000144.D

Acq: 26 Sep 2019 11:12

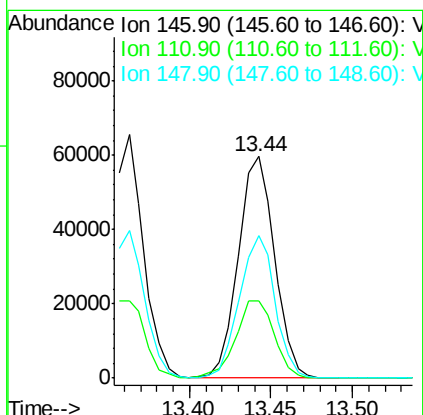
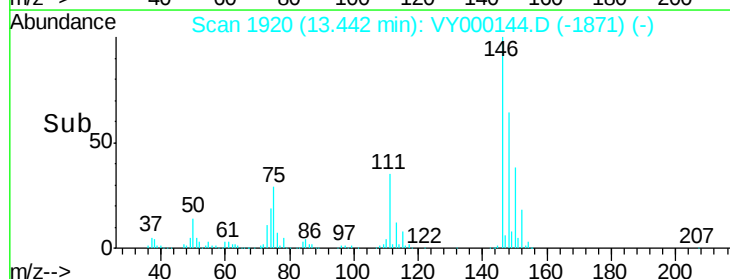
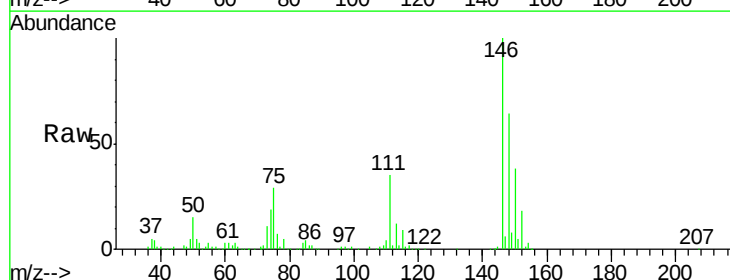
Tgt Ion:146 Resp: 92516

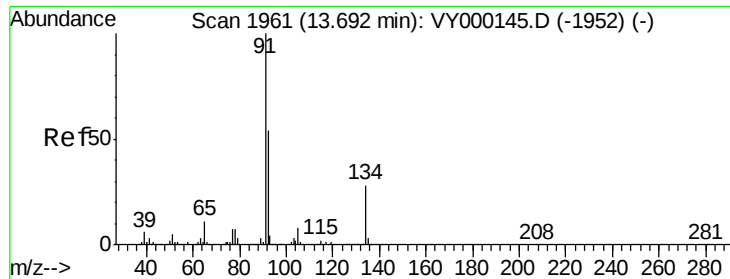
Ion Ratio Lower Upper

146 100

111 37.3 18.3 54.9

148 63.5 31.9 95.7





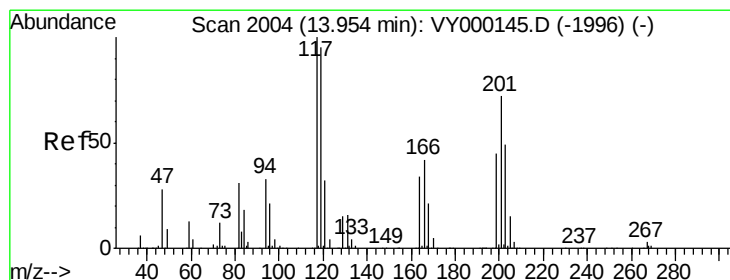
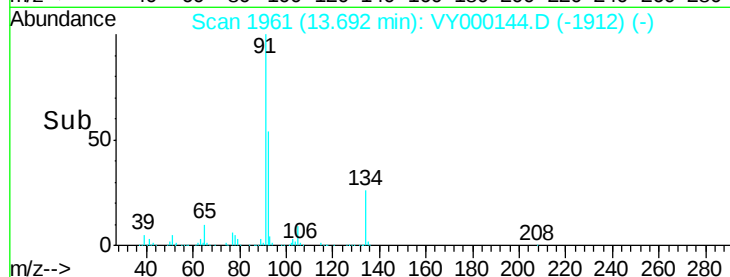
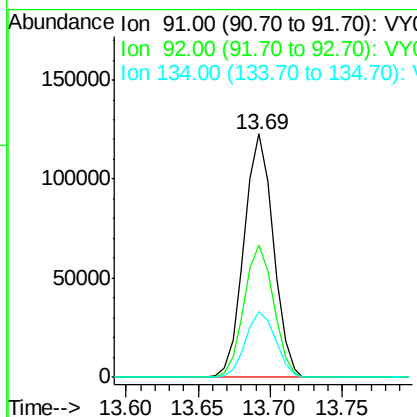
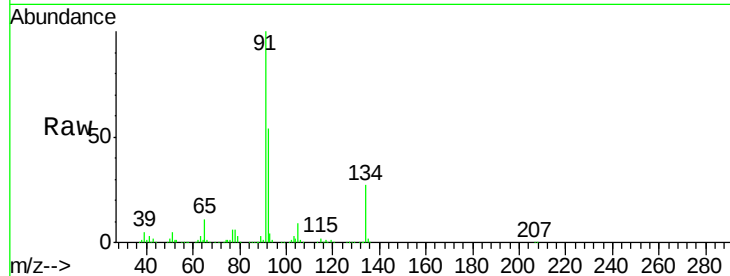
#89
n-Butylbenzene
Concen: 19.849 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	26.8	80.4
134	27.7	14.4	43.2

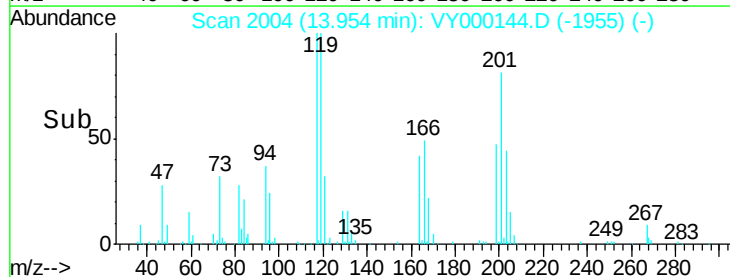
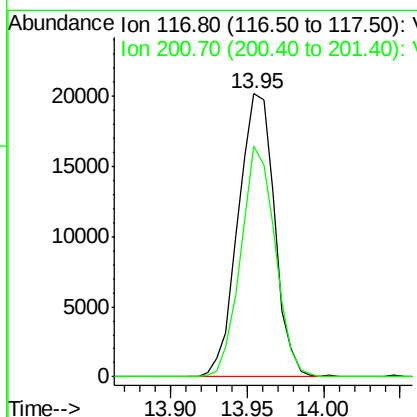
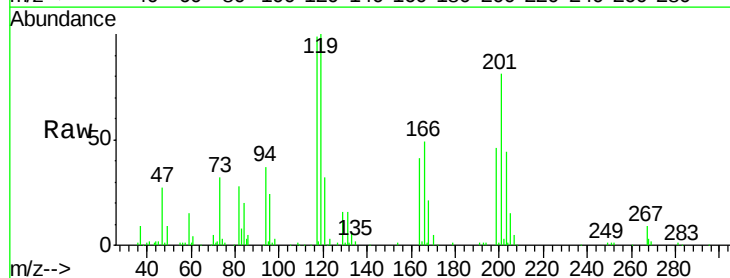
Manual Integrations
APPROVED

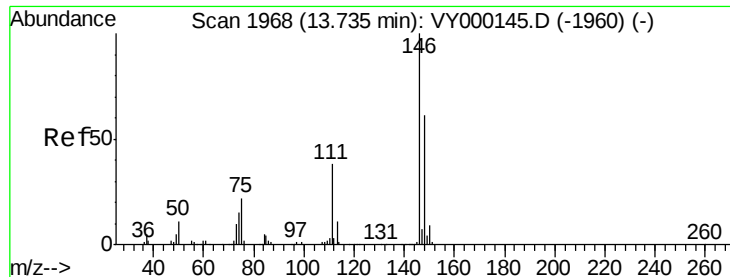
MMDadoda
10/2/2019 9:12:52 AM



#90
Hexachloroethane
Concen: 19.221 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.1	38.6	115.8





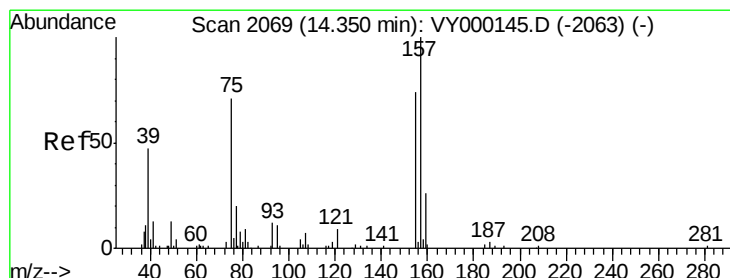
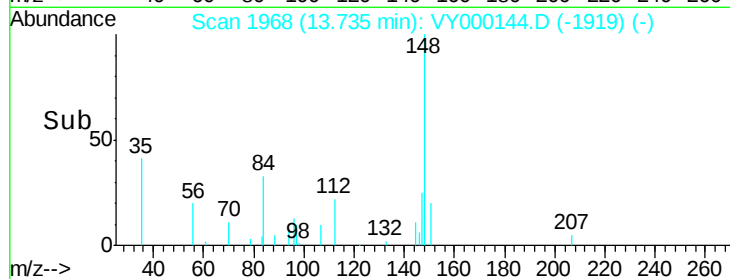
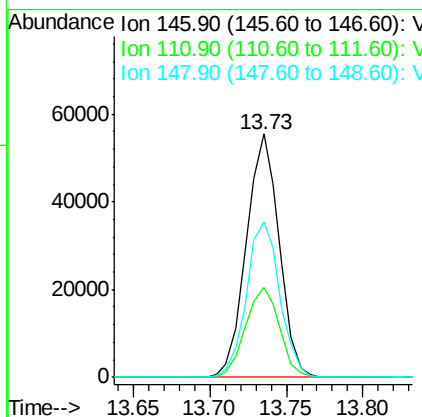
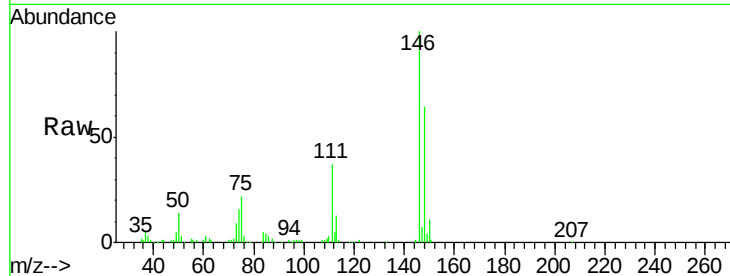
#91
 1,2-Dichlorobenzene
 Concen: 19.066 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.2	57.6
148	64.8	31.9	95.7

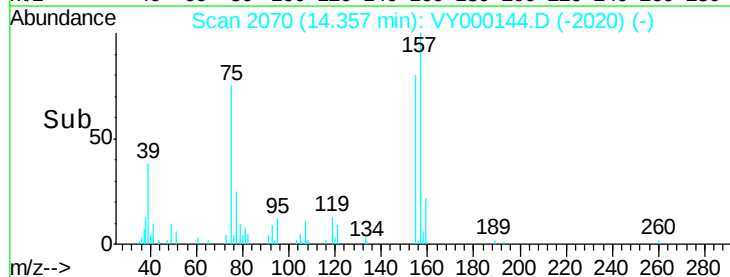
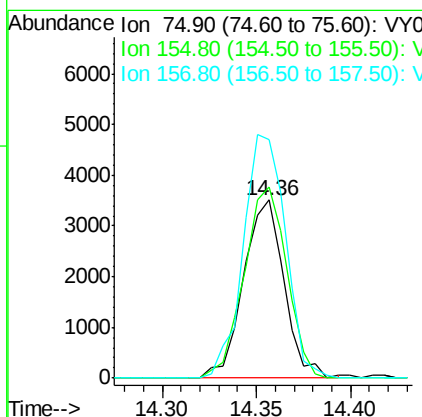
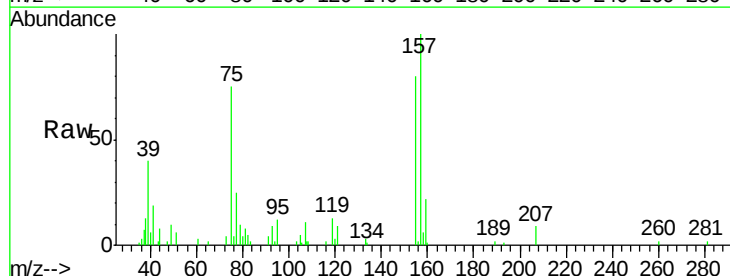
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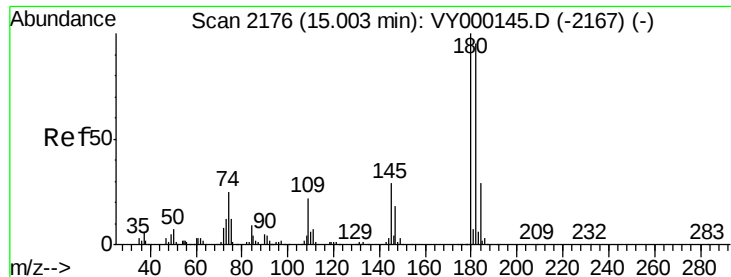
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.018 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	113.0	51.3	153.9
157	142.5	67.3	201.8





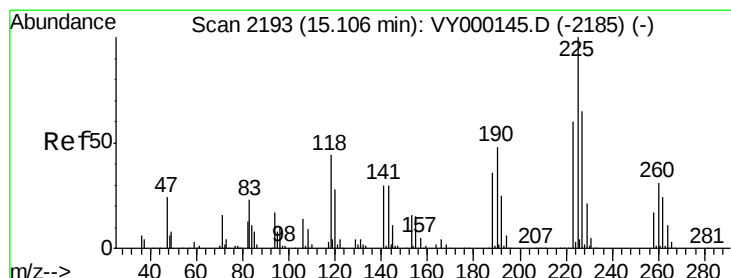
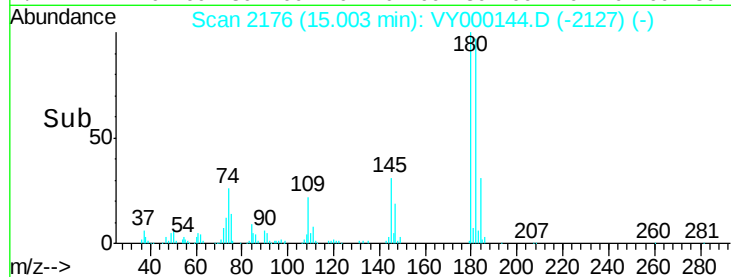
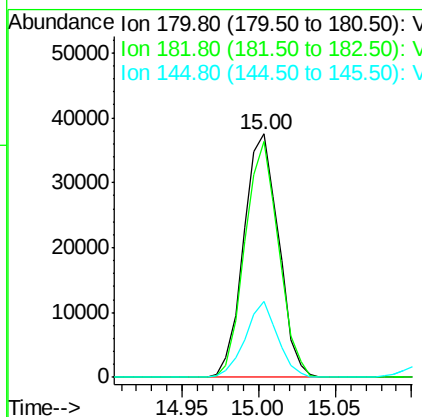
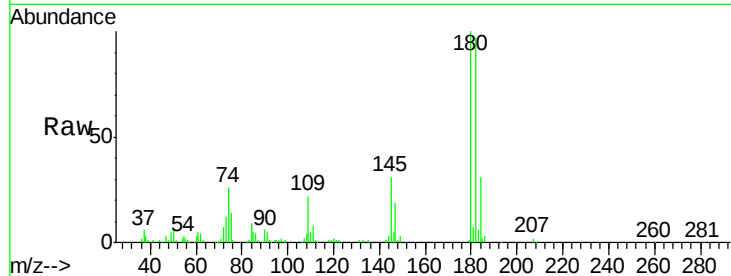
#93
 1,2,4-Trichlorobenzene
 Concen: 19.765 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	59437		
182	93.8	47.0	141.2	
145	28.6	14.6	44.0	

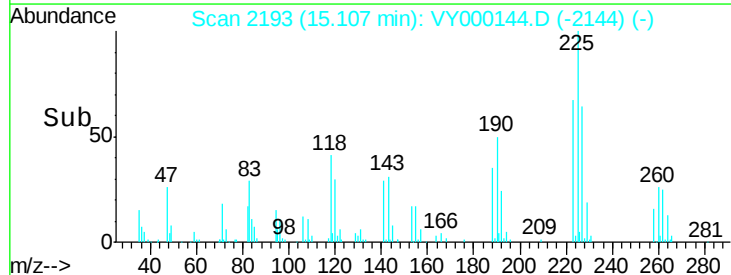
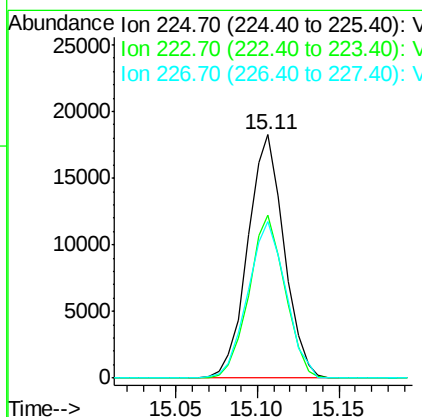
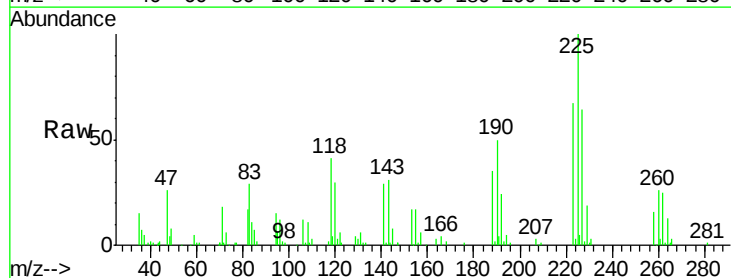
Manual Integrations
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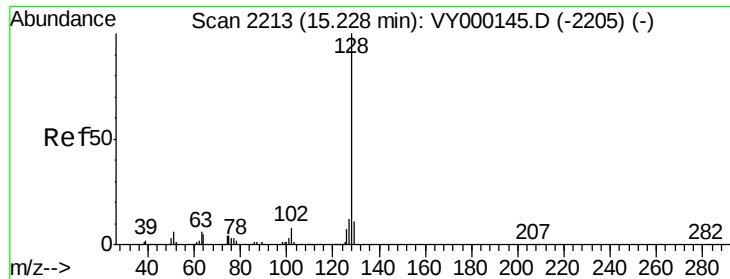
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 10/2/2019 9:12:52 AM



#94
 Hexachlorobutadiene
 Concen: 19.274 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000144.D
 Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	28280		
223	66.1	31.5	94.5	
227	67.1	32.4	97.0	





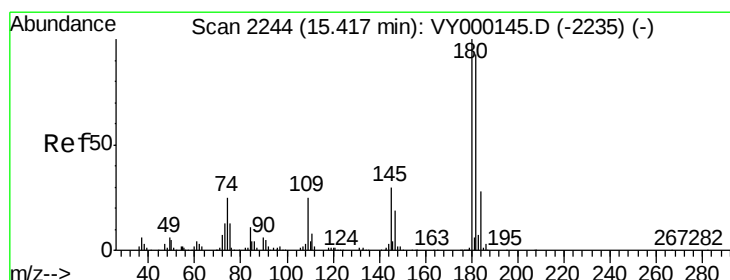
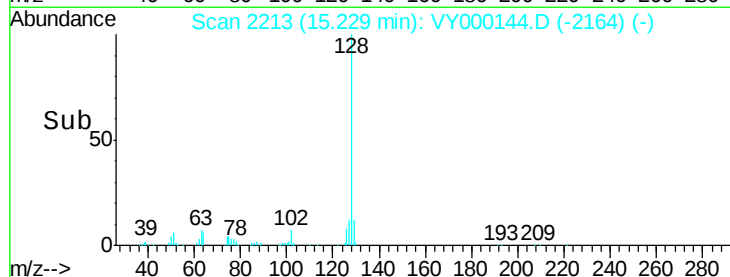
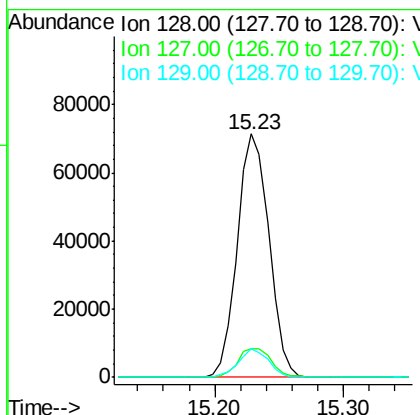
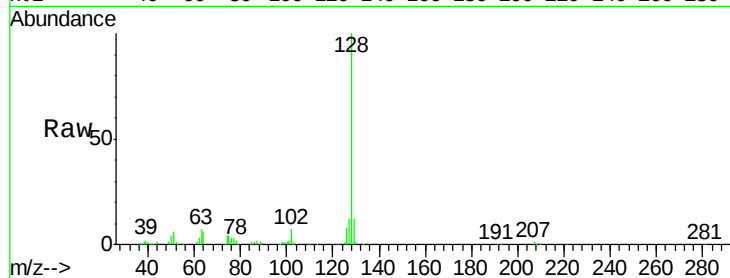
#95
Naphthalene
Concen: 18.025 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	121370		
127	12.5		9.5	14.3
129	11.1		8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.252 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000144.D
Acq: 26 Sep 2019 11:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	51923		
182	93.8		46.6	139.7
145	32.4		15.4	46.4

