

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000294.D
 Acq On : 14 Oct 2019 13:17
 Operator : SY/MD
 Sample : VY1014SBS01
 Misc : 5.00g/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:53:11 AM

Quant Time: Oct 15 01:43:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	311888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	522221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	472203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	170795	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
35) Dibromofluoromethane	7.73	113	153340	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	10.19	98	623398	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.48	95	227758	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	64640	23.969	ug/l	98
3) Chloromethane	2.12	50	82907	21.754	ug/l	96
4) Vinyl Chloride	2.25	62	83745	21.773	ug/l	99
5) Bromomethane	2.63	94	60065	21.071	ug/l	99
6) Chloroethane	2.79	64	51839	20.888	ug/l	95
7) Trichlorofluoromethane	3.12	101	112258	21.337	ug/l	98
8) Diethyl Ether	3.54	74	41442	22.297	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	67851	21.265	ug/l	95
10) Methyl Iodide	4.09	142	84987	19.442	ug/l	99
11) Tert butyl alcohol	4.98	59	36674	106.519	ug/l #	88
12) 1,1-Dichloroethene	3.88	96	67879	21.549	ug/l	92
13) Acrolein	3.74	56	40698	100.825	ug/l	98
14) Allyl chloride	4.48	41	113812	21.803	ug/l	97
15) Acrylonitrile	5.18	53	110948	106.647	ug/l	98
16) Acetone	3.96	43	100778	94.590	ug/l	100
17) Carbon Disulfide	4.19	76	210574	21.232	ug/l	99
18) Methyl Acetate	4.49	43	58174	21.976	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	195603	22.307	ug/l	99
20) Methylene Chloride	4.72	84	80800	19.155	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	74419	20.592	ug/l	91
22) Diisopropyl ether	6.13	45	239791	21.719	ug/l	96
23) Vinyl Acetate	6.07	43	771719	107.142	ug/l	96
24) 1,1-Dichloroethane	6.03	63	130098	21.588	ug/l	99
25) 2-Butanone	7.00	43	156197	104.073	ug/l	99
26) 2,2-Dichloropropane	7.00	77	114003	20.530	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	85534	21.872	ug/l	98
28) Bromochloromethane	7.35	49	49649	19.191	ug/l	99
29) Tetrahydrofuran	7.36	42	96058	105.609	ug/l	100
30) Chloroform	7.52	83	131592	21.683	ug/l	96
31) Cyclohexane	7.79	56	128175	20.364	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	114402	21.203	ug/l	98
36) 1,1-Dichloropropene	7.93	75	102714	20.089	ug/l	99
37) Ethyl Acetate	7.08	43	63285	20.904	ug/l	99
38) Carbon Tetrachloride	7.91	117	99259	20.050	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	133871	20.005	ug/l	94
40) Benzene	8.17	78	305235	20.658	ug/l	100
41) Methacrylonitrile	7.32	41	31135m	21.606	ug/l	
42) 1,2-Dichloroethane	8.25	62	89615	21.233	ug/l	99
43) Isopropyl Acetate	8.28	43	119581	20.774	ug/l	98
44) Trichloroethene	8.95	130	82879	19.991	ug/l	95
45) 1,2-Dichloropropane	9.22	63	76085	20.983	ug/l	96
46) Dibromomethane	9.32	93	42903	21.166	ug/l	96
47) Bromodichloromethane	9.50	83	99058	20.736	ug/l	96
48) Methyl methacrylate	9.30	41	52377	20.762	ug/l	98
49) 1,4-Dioxane	9.31	88	12190	401.089	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	319743	107.694	ug/l	99
52) Toluene	10.25	92	191013	20.362	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	108869	21.265	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	123399	21.225	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	64184	21.778	ug/l	99
56) Ethyl methacrylate	10.52	69	92062	21.915	ug/l	98
57) 1,3-Dichloropropane	10.80	76	107215	21.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	216716	129.339	ug/l	100
59) 2-Hexanone	10.84	43	229196	109.980	ug/l	100
60) Dibromochloromethane	10.99	129	69452	21.261	ug/l	98
61) 1,2-Dibromoethane	11.09	107	59367	20.979	ug/l	99
64) Tetrachloroethene	10.72	164	91736	20.406	ug/l	93
65) Chlorobenzene	11.52	112	203025	20.373	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	72467	20.701	ug/l	98
67) Ethyl Benzene	11.60	91	375121	20.305	ug/l	100
68) m/p-Xylenes	11.70	106	281377	39.842	ug/l	96
69) o-Xylene	12.03	106	132827	19.715	ug/l	98
70) Styrene	12.05	104	228749	20.132	ug/l	99
71) Bromoform	12.21	173	41844	20.793	ug/l #	98
73) Isopropylbenzene	12.33	105	365186	20.133	ug/l	99
74) N-amyl acetate	12.14	43	102802	23.086	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	68736	20.183	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	47942m	16.760	ug/l	
77) Bromobenzene	12.61	156	81237	20.127	ug/l	100
78) n-propylbenzene	12.67	91	438041	20.114	ug/l	100
79) 2-Chlorotoluene	12.76	91	243451	20.242	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	306956	20.182	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	25539	19.535	ug/l	97
82) 4-Chlorotoluene	12.85	91	260373	20.480	ug/l	99
83) tert-Butylbenzene	13.08	119	260003	20.187	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	307190	20.464	ug/l	99
85) sec-Butylbenzene	13.25	105	374722	20.111	ug/l	100
86) p-Isopropyltoluene	13.37	119	331091	20.382	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	159164	20.015	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	161683	20.341	ug/l	99
89) n-Butylbenzene	13.70	91	323396	20.146	ug/l	99
90) Hexachloroethane	13.96	117	60330	20.057	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	147963	20.560	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13675	21.172	ug/l	92

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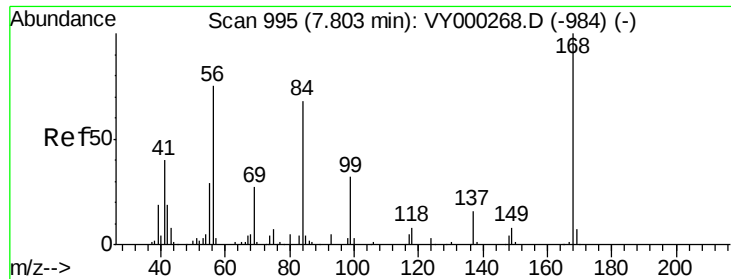
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	104968	20.949	ug/l	97
94) Hexachlorobutadiene	15.11	225	54419	20.069	ug/l	98
95) Naphthalene	15.23	128	245941	21.995	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	93358	20.673	ug/l	98

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



#1

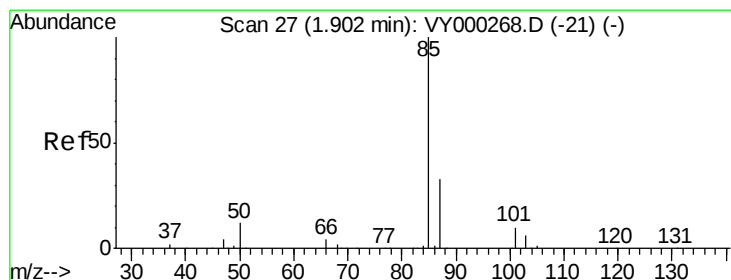
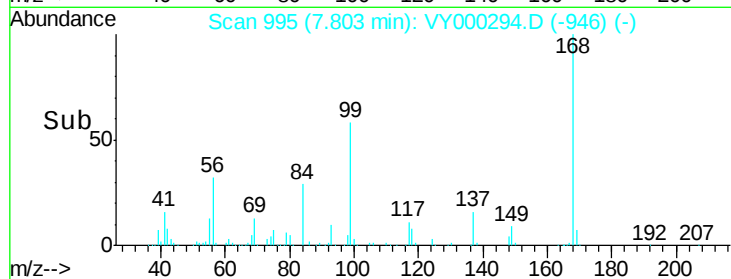
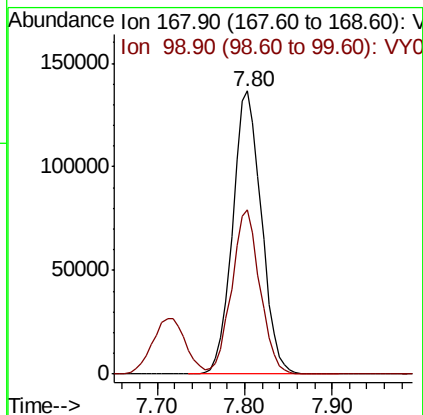
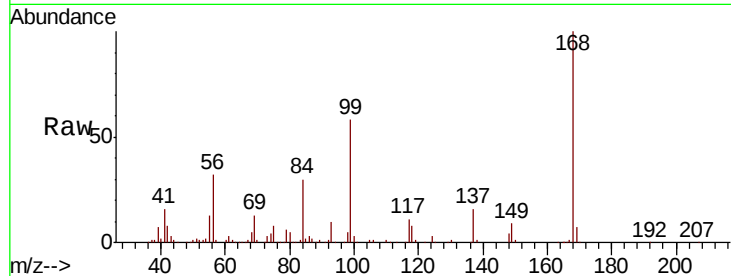
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.0	46.6	69.8

Manual Integrations
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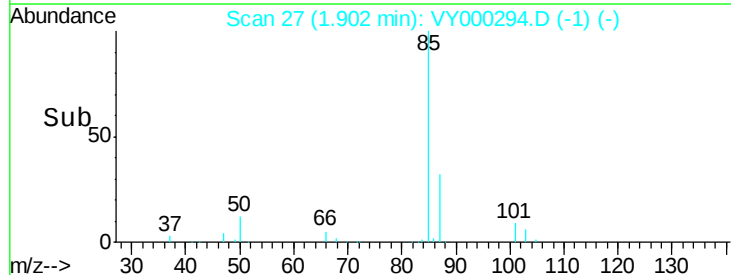
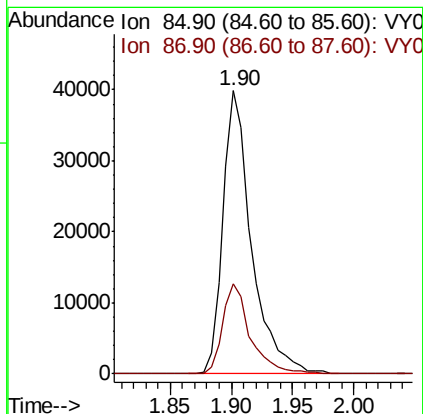
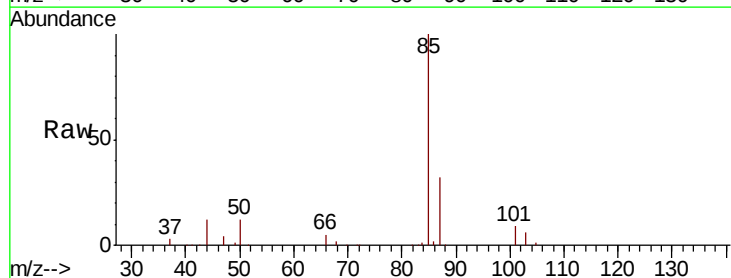
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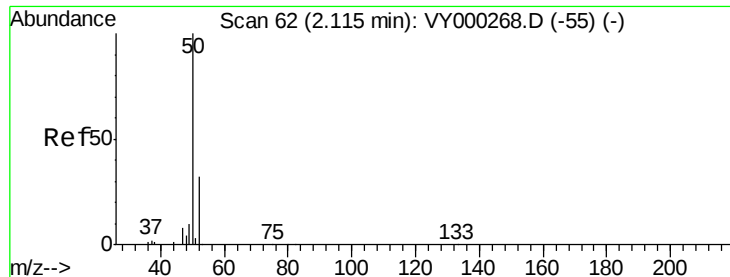


#2

Dichlorodifluoromethane
 Concen: 23.969 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. 0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.6	49.8





#3

Chloromethane

Concen: 21.754 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

Tot Ion: 50 Resp: 82907

Ion Ratio Lower Upper

50 100

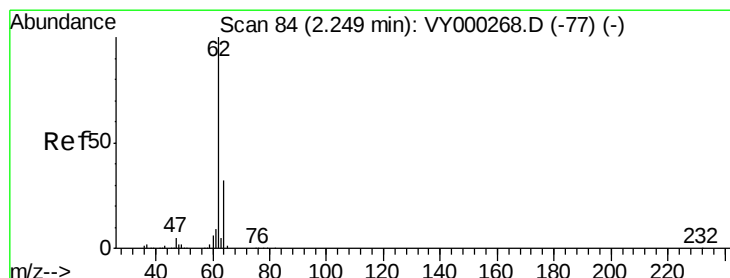
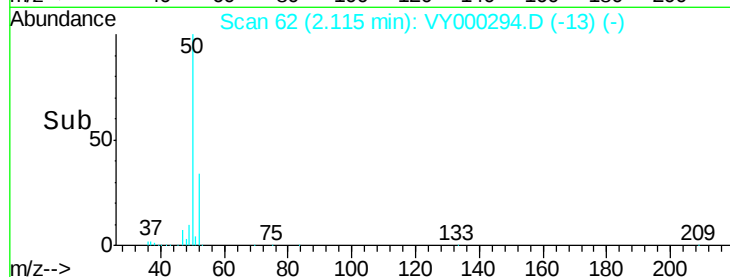
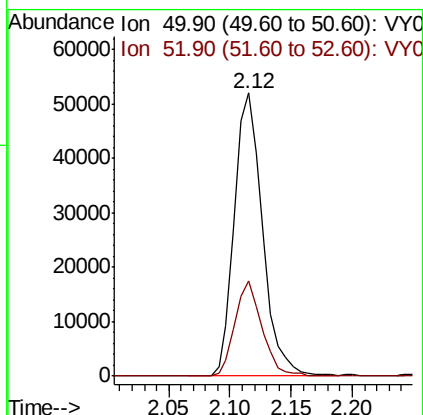
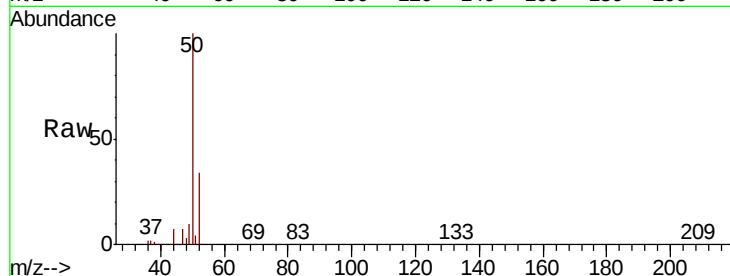
52 33.6 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.773 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000294.D

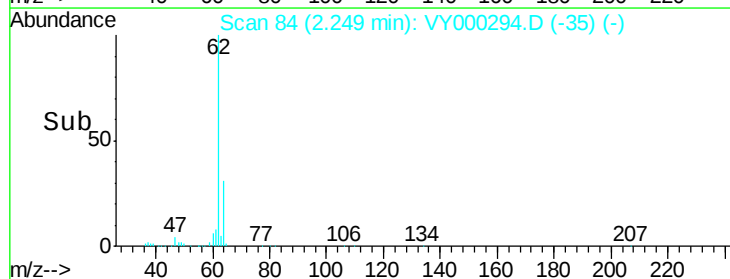
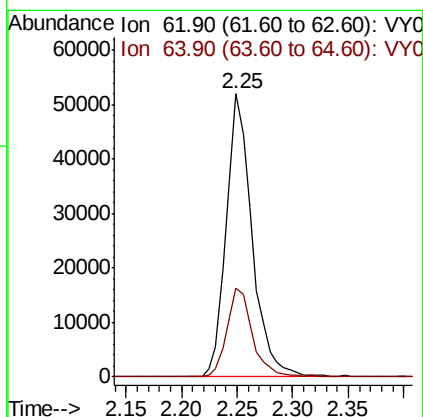
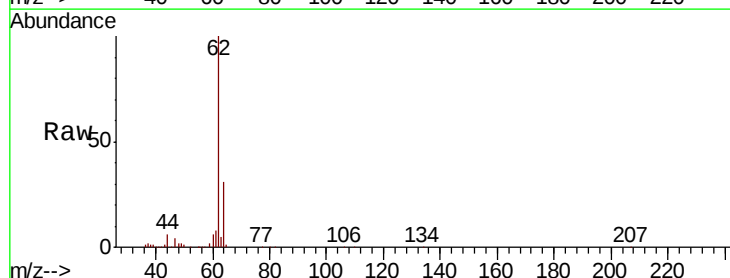
Acq: 14 Oct 2019 13:17

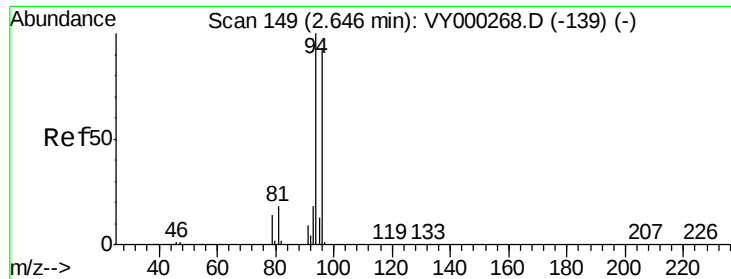
Tgt Ion: 62 Resp: 83745

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4





#5

Bromomethane

Concen: 21.071 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.02 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

Tot Ion: 94 Resp: 60065

Ion Ratio Lower Upper

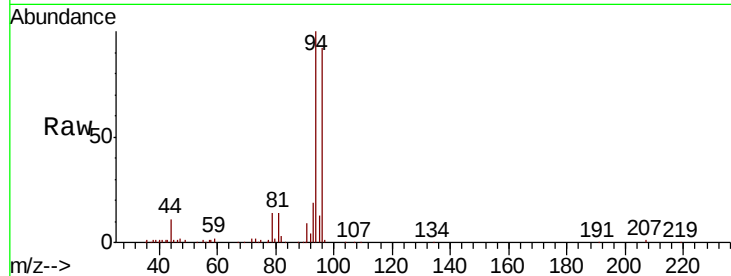
94 100

96 91.4 74.2 111.2

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

30000

25000

20000

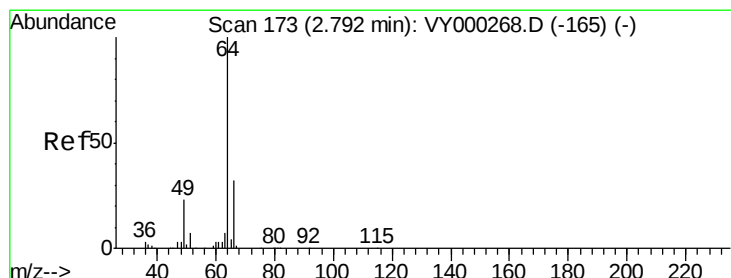
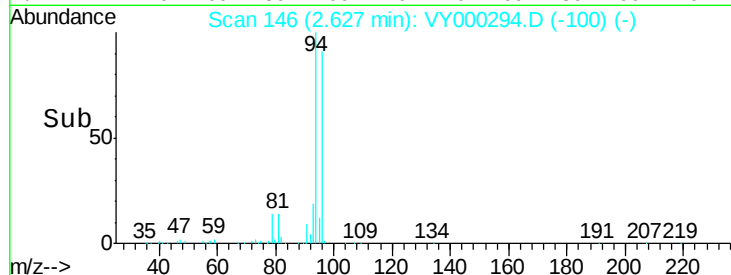
15000

10000

5000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 20.888 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000294.D

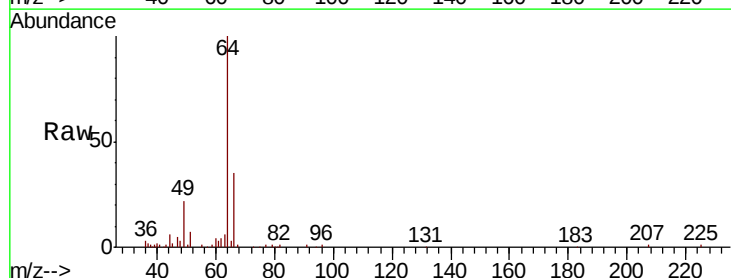
Acq: 14 Oct 2019 13:17

Tgt Ion: 64 Resp: 51839

Ion Ratio Lower Upper

64 100

66 34.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

25000

20000

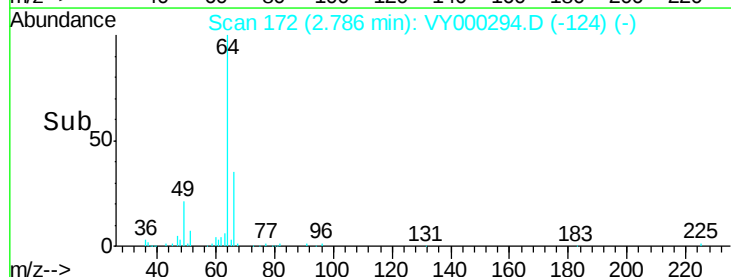
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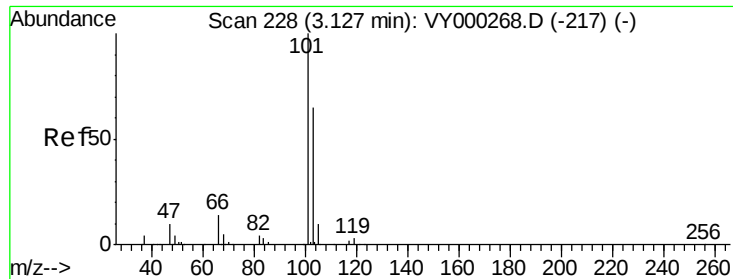
10000

5000

0

Time--> 2.70 2.80 2.90





#7

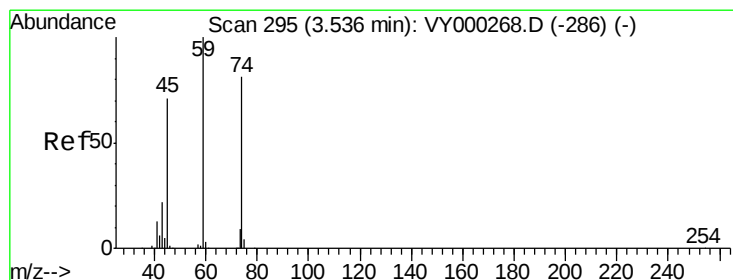
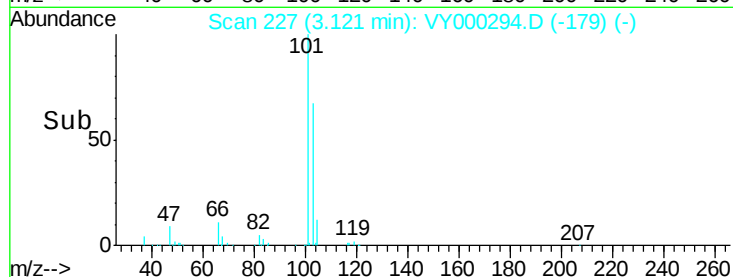
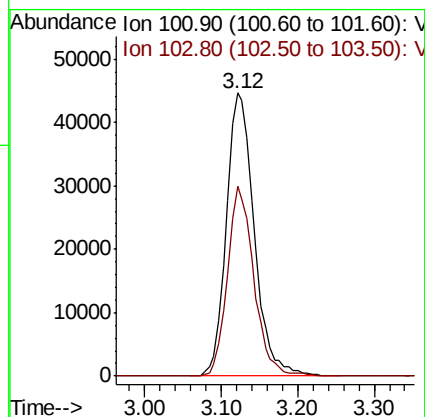
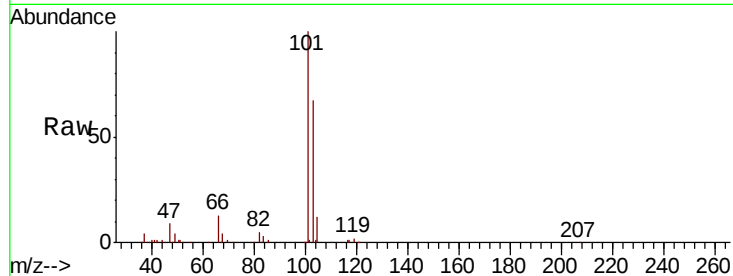
Trichlorofluoromethane
Concen: 21.337 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
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ClientSampleId :
VY1014SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	52.2	78.4

Manual Integrations
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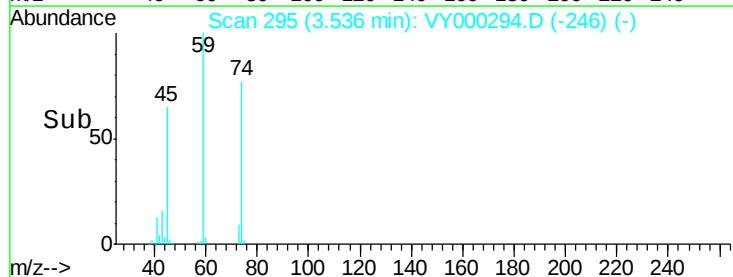
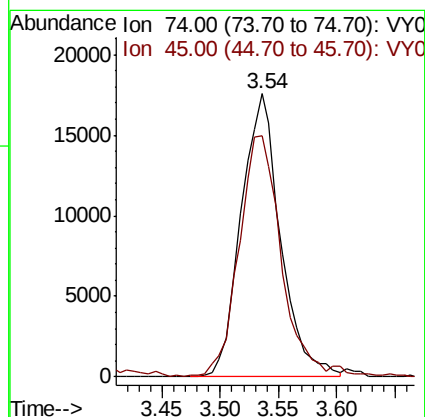
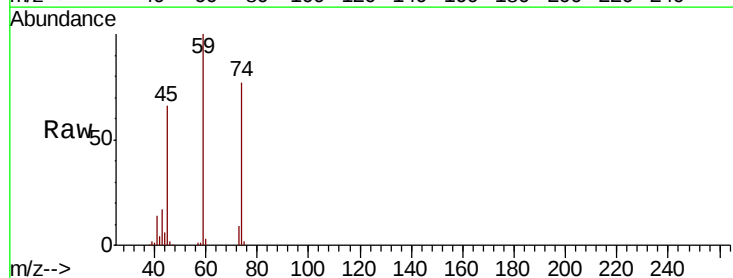
MMDadoda
10/16/2019 12:53:11 AM

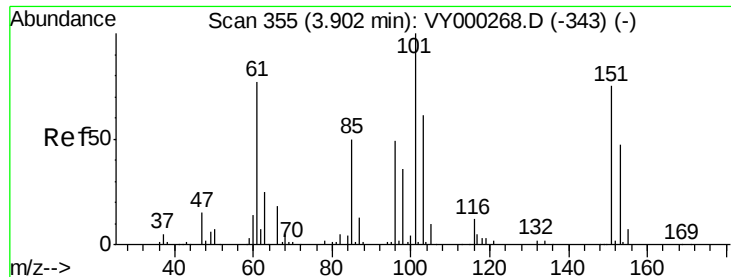


#8

Diethyl Ether
Concen: 22.297 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	47.1	141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.265 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

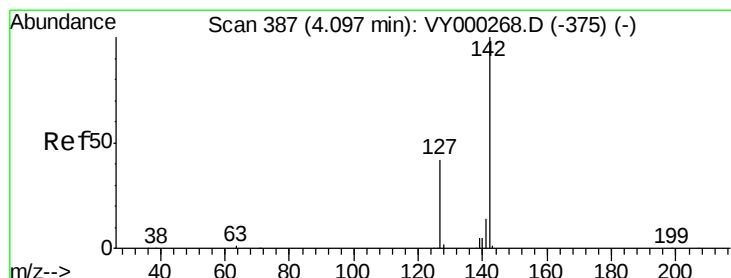
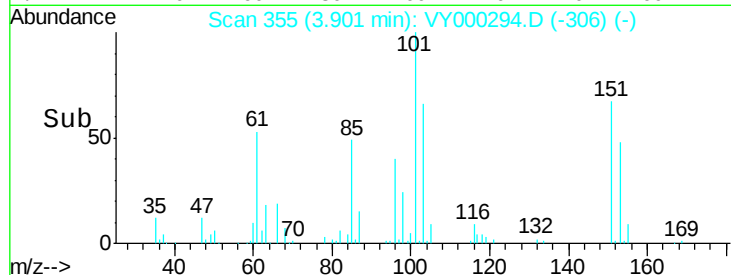
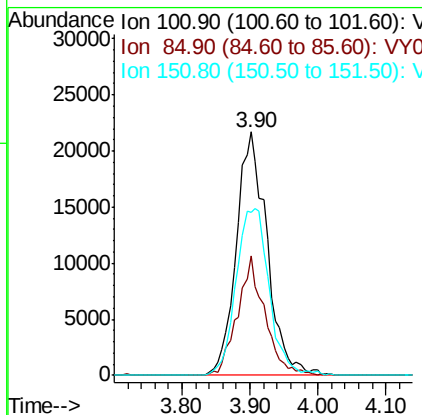
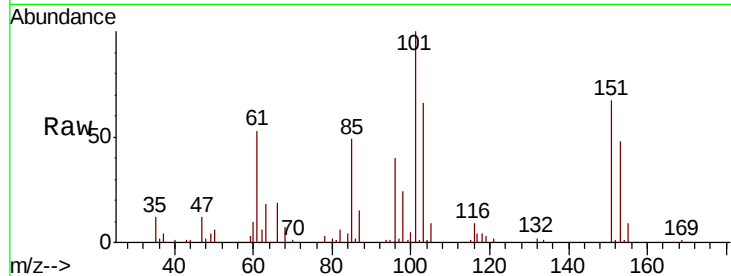
ClientSampleId :

VY1014SBS01

Tot Ion:	101	Resp:	67851
Ion Ratio	Lower	Upper	
101	100		
85	43.7	36.6	55.0
151	74.1	63.1	94.7

Manual Integrations
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#10

Methyl Iodide

Concen: 19.442 ug/l

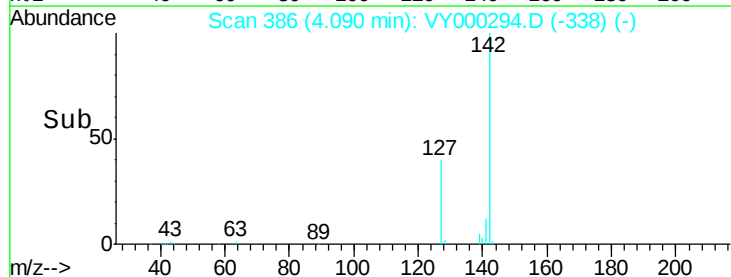
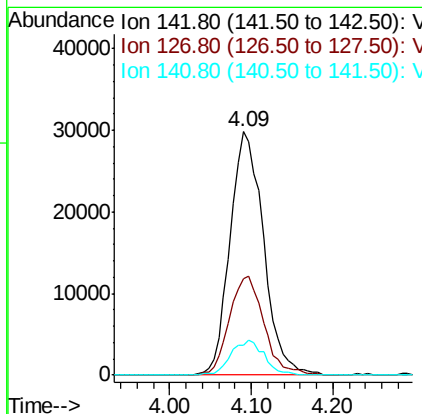
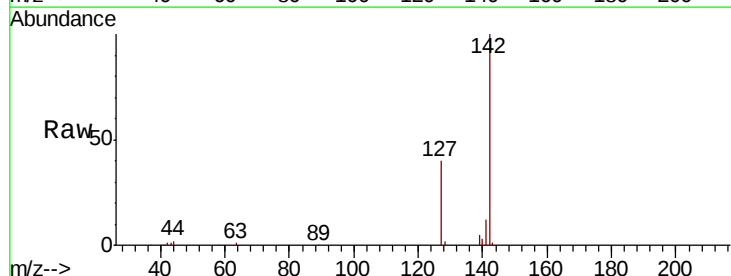
RT: 4.09 min Scan# 386

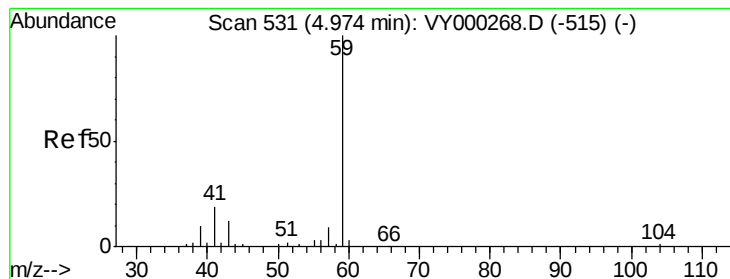
Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Tgt Ion:	142	Resp:	84987
Ion Ratio	Lower	Upper	
142	100		
127	41.7	33.9	50.9
141	14.1	11.2	16.8





#11

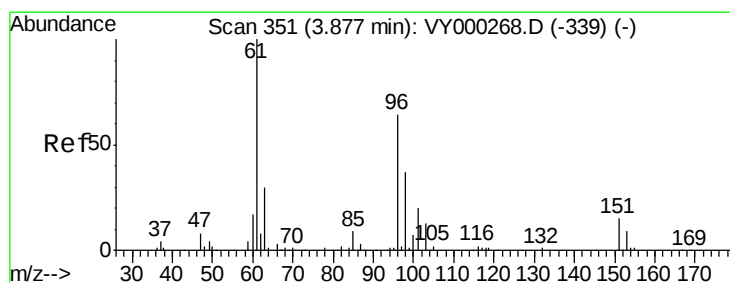
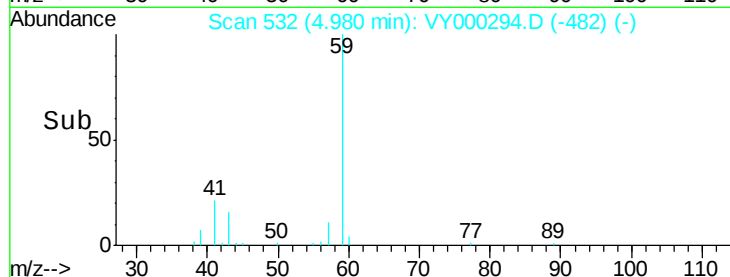
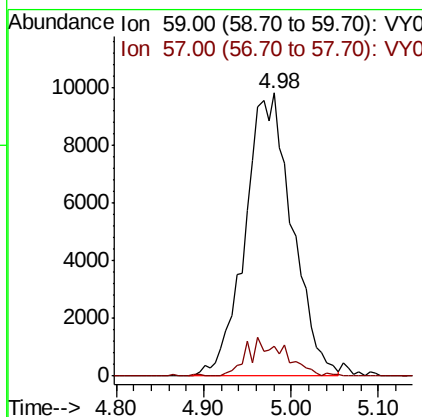
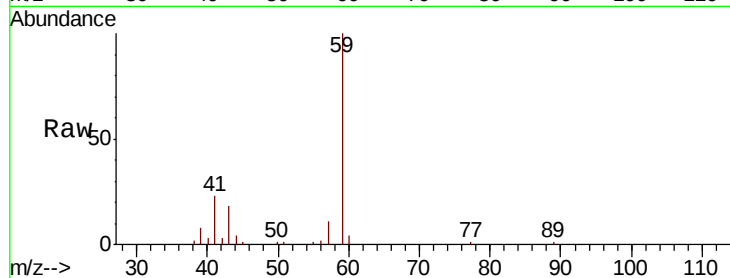
Tert butyl alcohol
Concen: 106.519 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion: 59 Resp: 36674
Ion Ratio Lower Upper
59 100
57 5.9 8.2 12.2#

Manual Integrations
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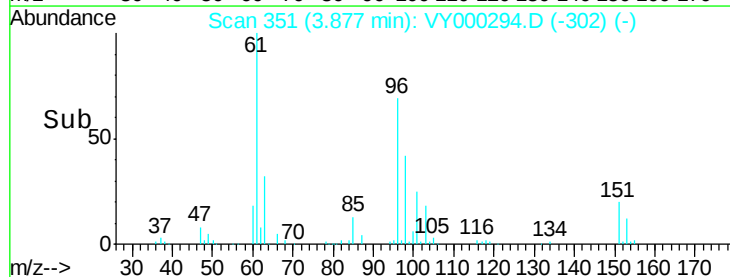
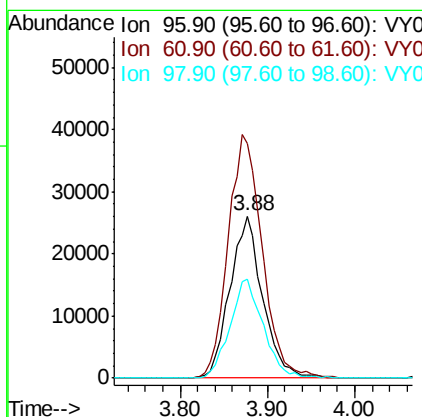
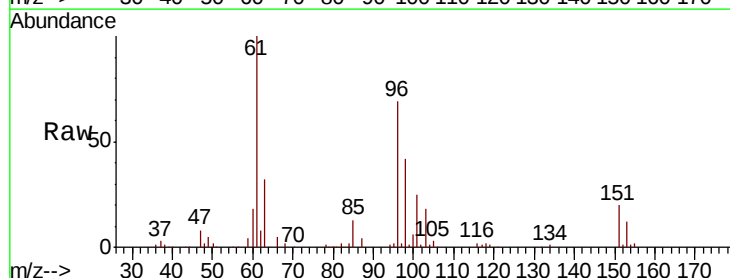
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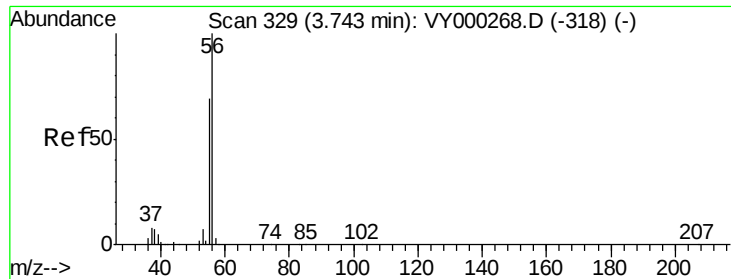


#12

1,1-Dichloroethene
Concen: 21.549 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 96 Resp: 67879
Ion Ratio Lower Upper
96 100
61 144.4 125.8 188.6
98 60.9 46.2 69.2





#13

Acrolein

Concen: 100.825 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

Tot Ion: 56 Resp: 40698

Ion Ratio Lower Upper

56 100

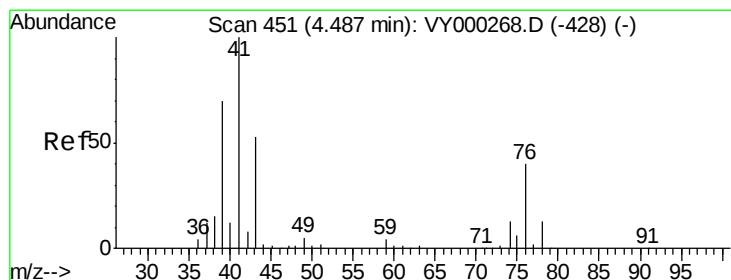
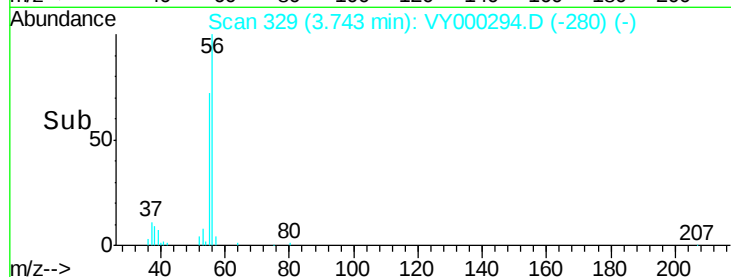
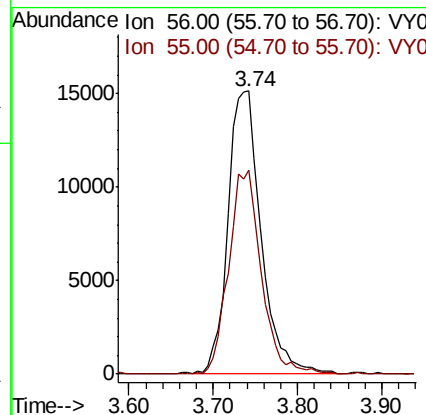
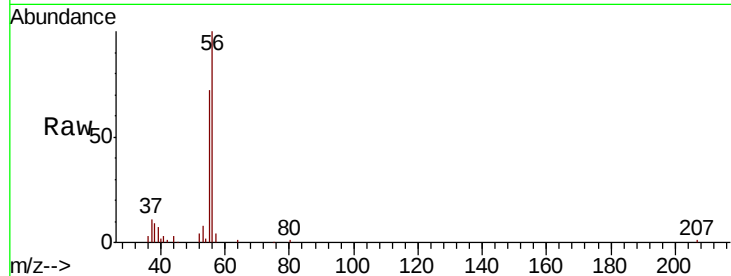
55 70.9 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 21.803 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

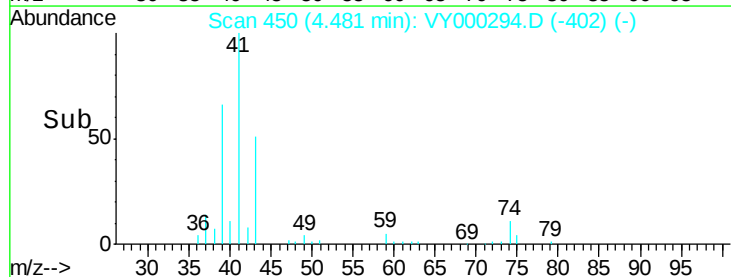
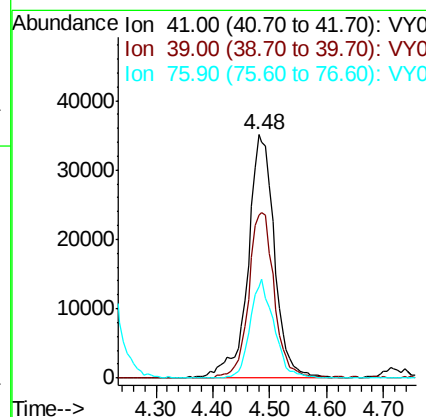
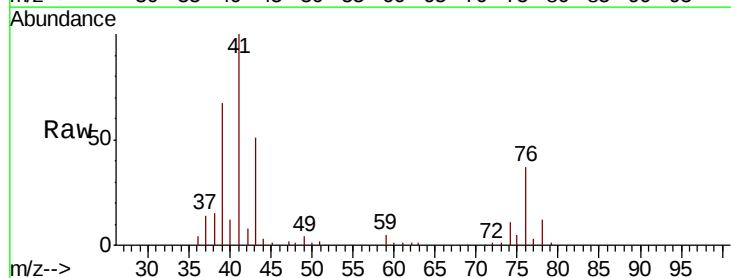
Tgt Ion: 41 Resp: 113812

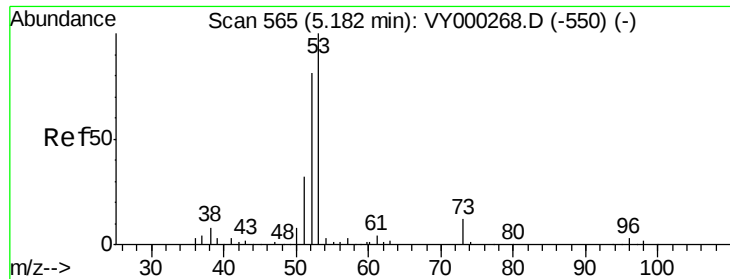
Ion Ratio Lower Upper

41 100

39 65.6 54.0 81.0

76 36.4 30.7 46.1





#15

Acrylonitrile

Concen: 106.647 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

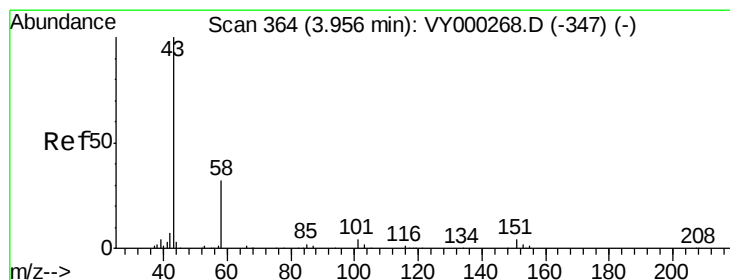
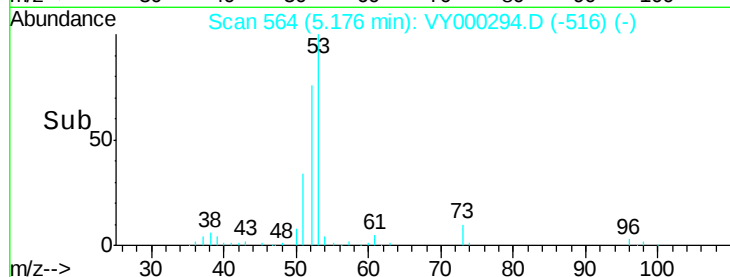
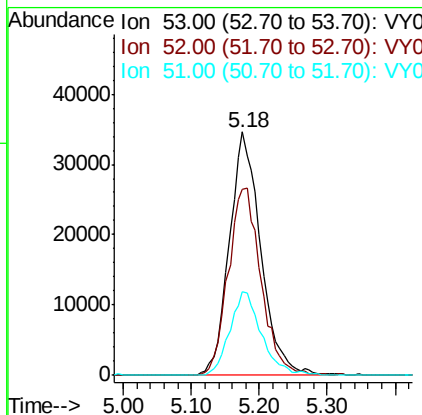
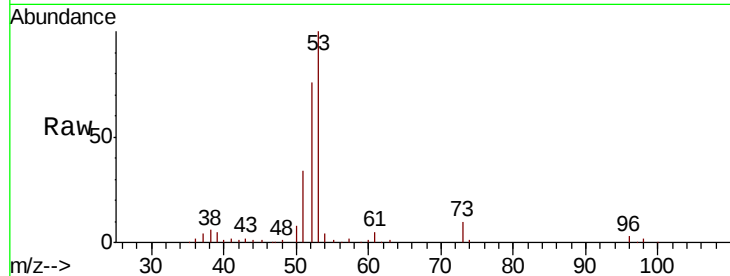
ClientSampleId :

VY1014SBS01

Tot Ion:	53	Resp:	110948
Ion	Ratio	Lower	Upper
53	100		
52	80.2	62.9	94.3
51	34.7	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 94.590 ug/l

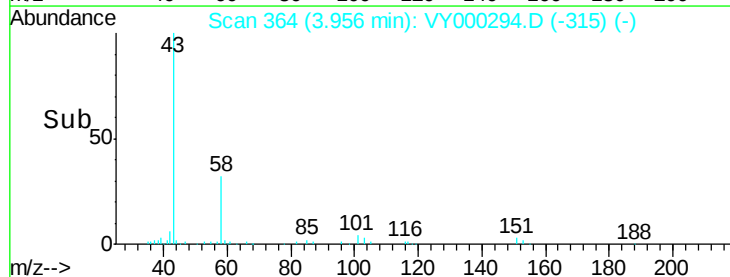
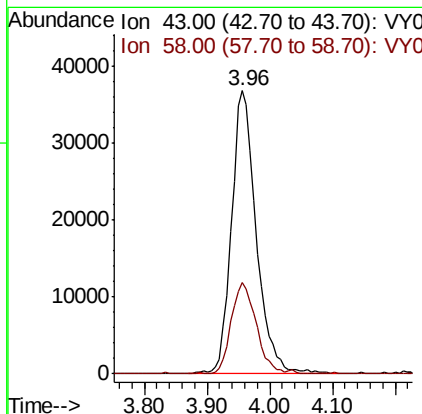
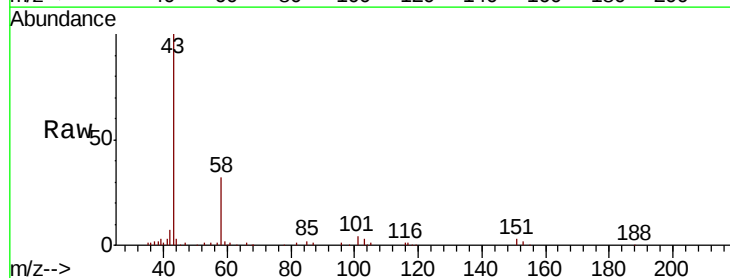
RT: 3.96 min Scan# 364

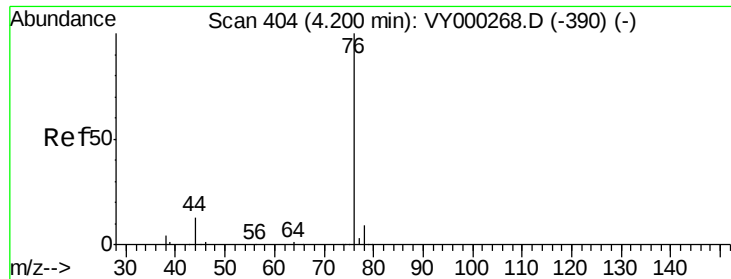
Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Tgt Ion:	43	Resp:	100778
Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.8	38.6





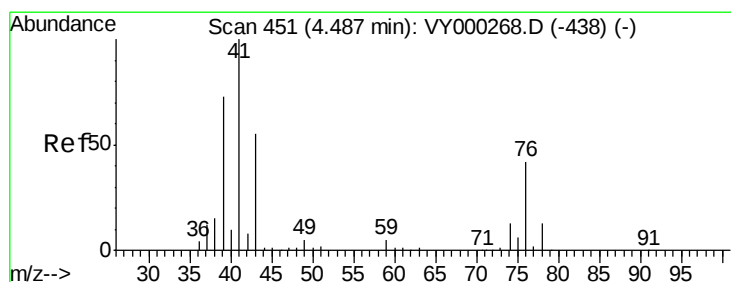
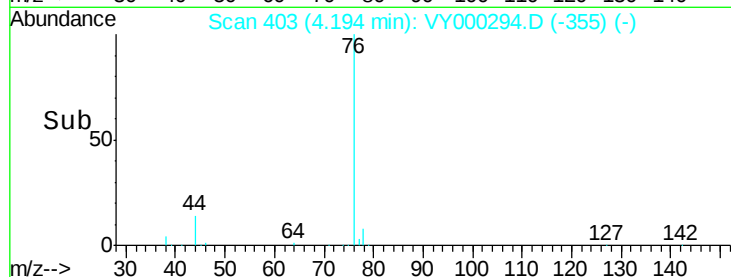
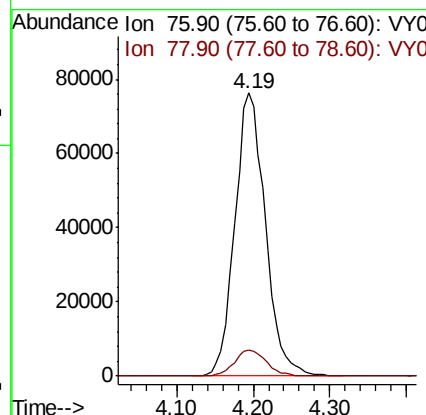
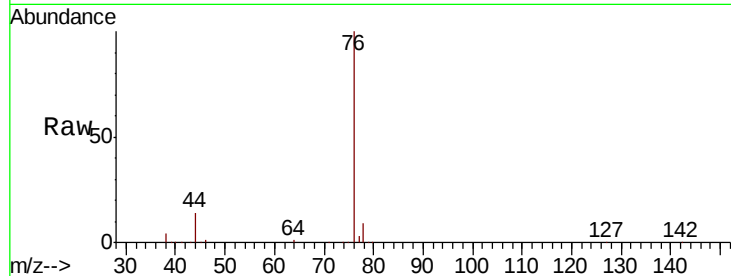
#17
Carbon Disulfide
Concen: 21.232 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion	76	Resp	210574
Ion Ratio	Lower	Upper	
76	100		
78	9.2	7.0	10.4

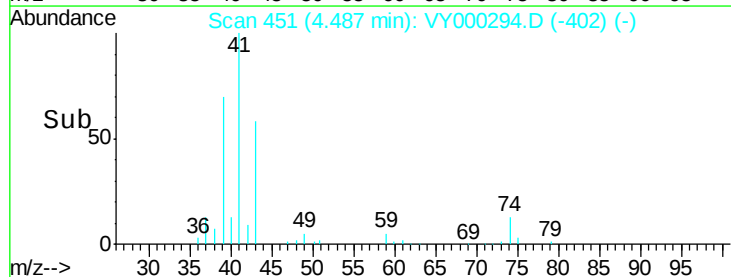
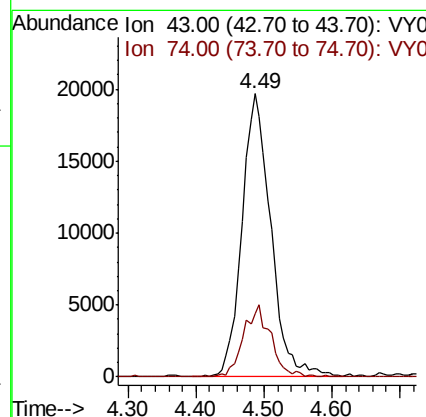
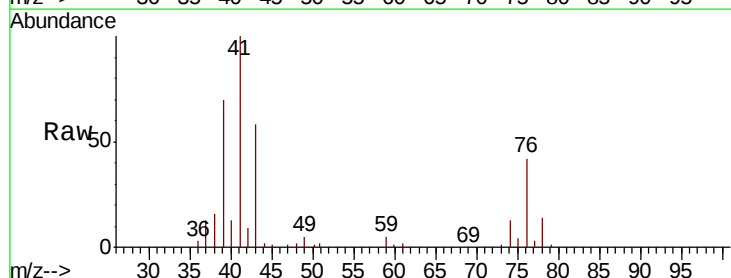
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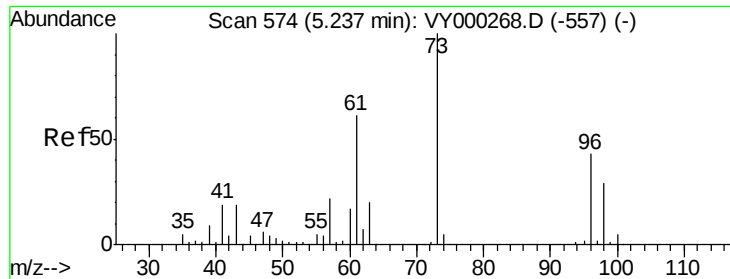
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#18
Methyl Acetate
Concen: 21.976 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	43	Resp	58174
Ion Ratio	Lower	Upper	
43	100		
74	23.3	20.4	30.6





#19

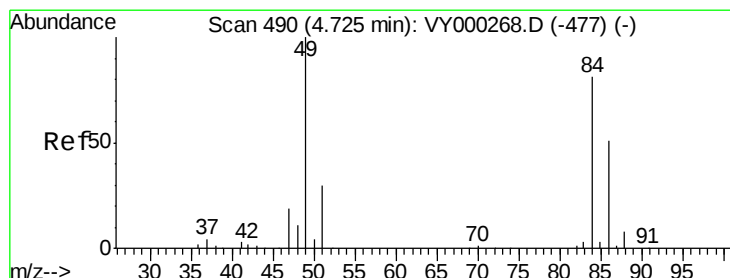
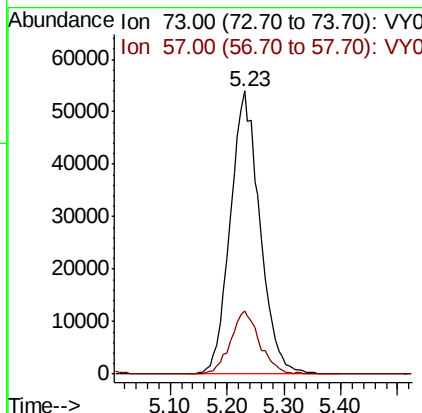
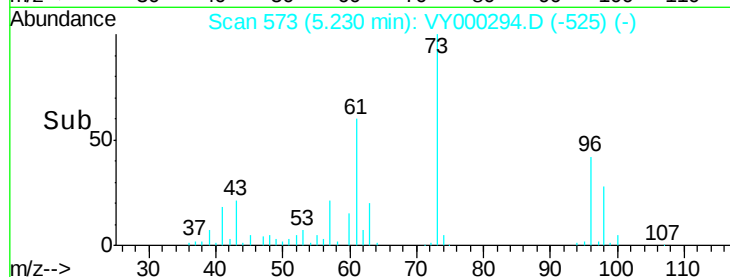
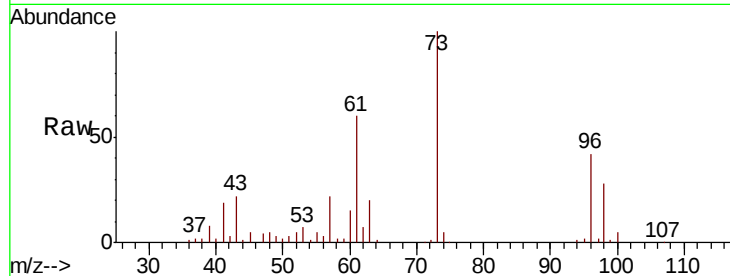
Methyl tert-butyl Ether
Concen: 22.307 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.4	26.0

Manual Integrations
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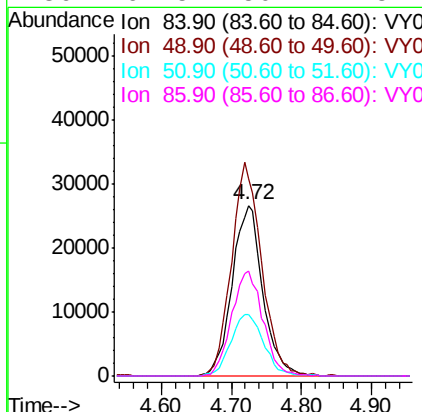
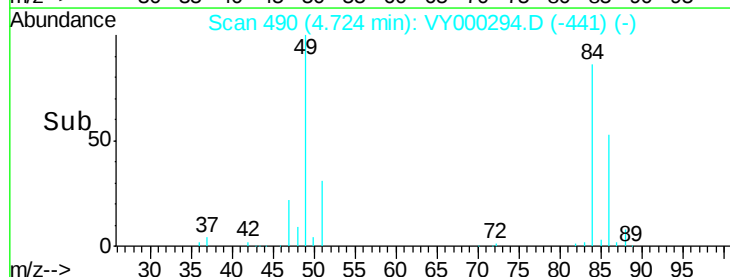
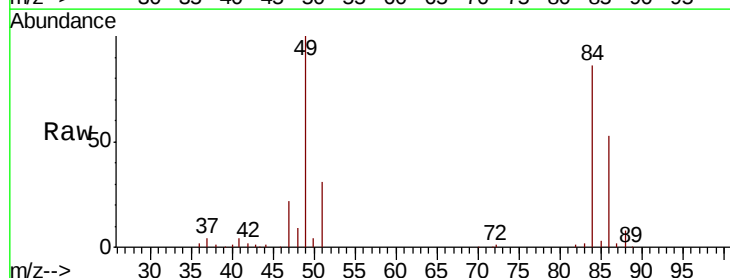
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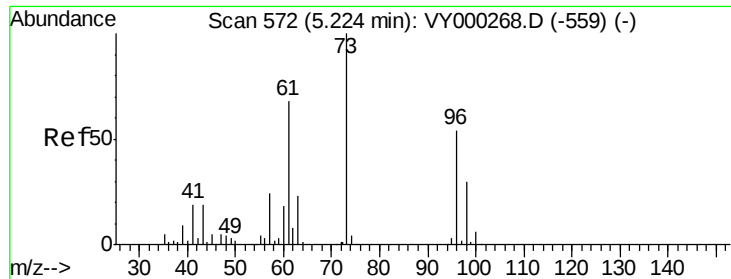


#20

Methylene Chloride
Concen: 19.155 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.6	99.0	148.4
51	36.2	29.3	43.9
86	61.5	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 20.592 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

Tot Ion: 96 Resp: 74419

Ion Ratio Lower Upper

96 100

61 133.3 100.4 150.6

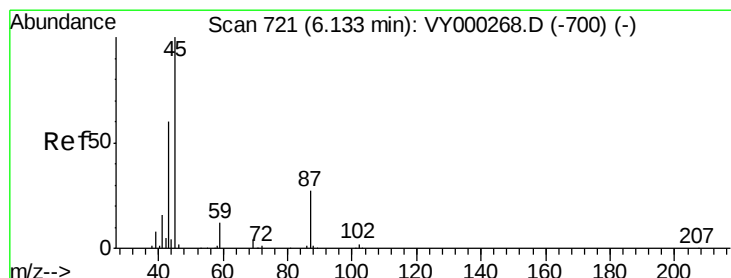
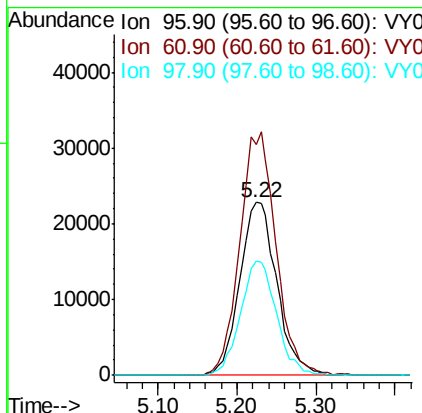
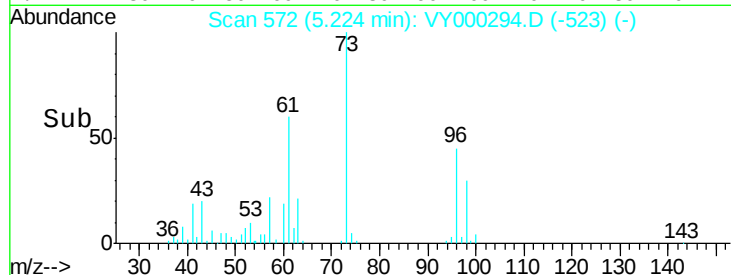
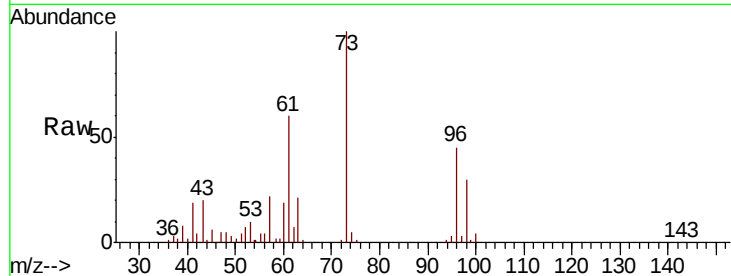
98 66.4 44.6 66.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 21.719 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Tgt Ion: 45 Resp: 239791

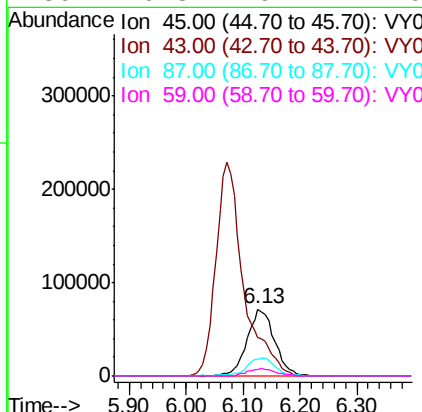
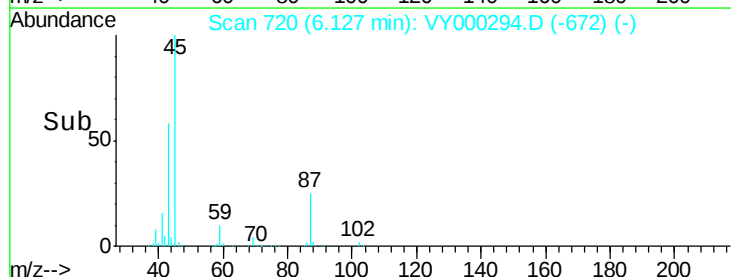
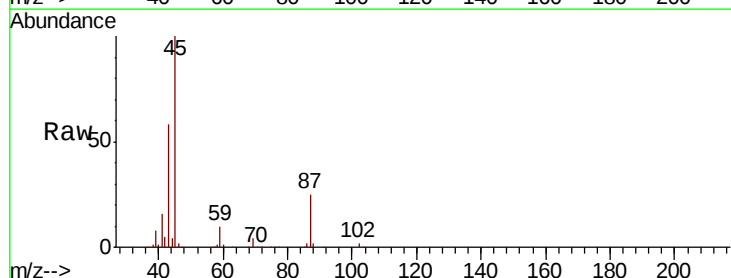
Ion Ratio Lower Upper

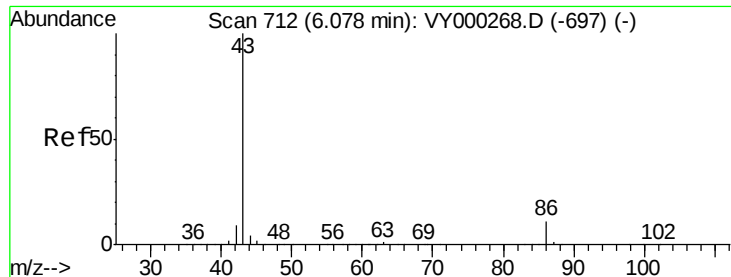
45 100

43 57.3 48.5 72.7

87 25.3 21.5 32.3

59 10.3 9.4 14.0





#23

Vinyl Acetate

Concen: 107.142 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

Tot Ion: 43 Resp: 771719

Ion Ratio Lower Upper

43 100

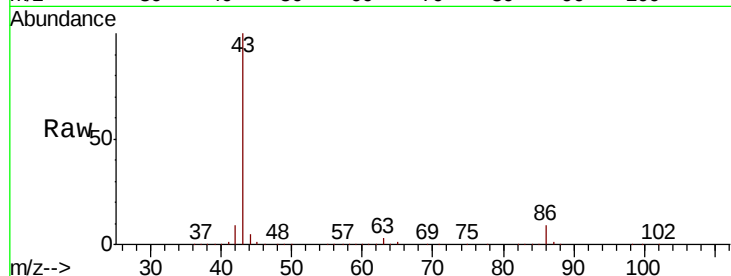
86 9.4 8.6 13.0

Manual Integrations

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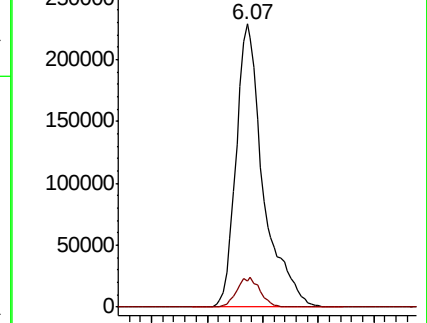
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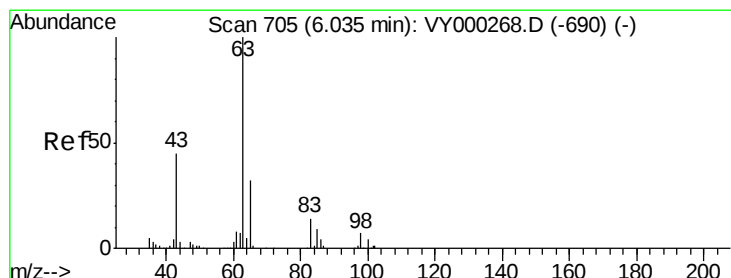
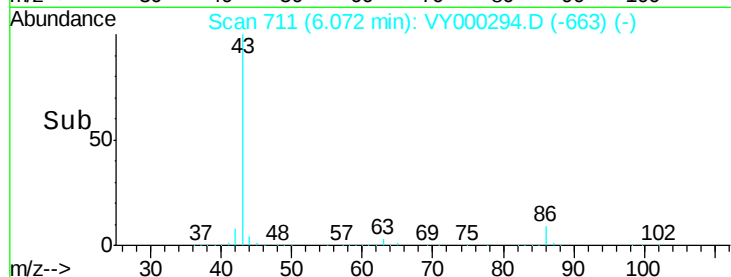


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 21.588 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

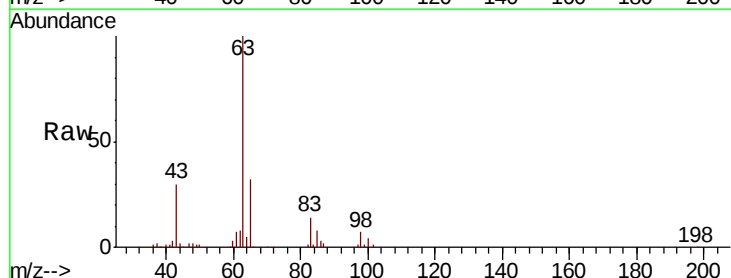
Tgt Ion: 63 Resp: 130098

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

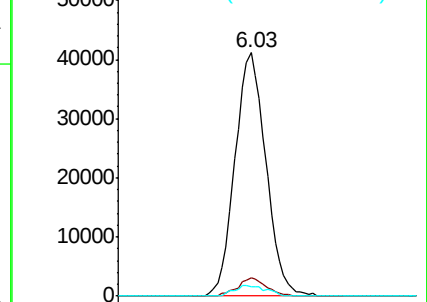
100 4.1 2.1 6.2



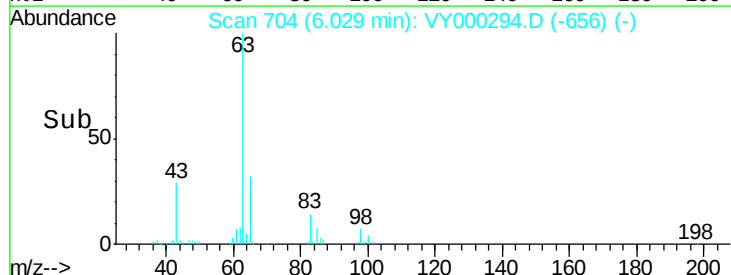
Abundance Ion 62.90 (62.60 to 63.60): VY0

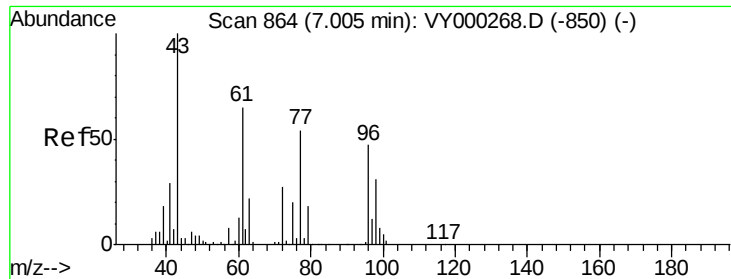
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 104.073 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Tot Ion: 43 Resp: 156197

Ion Ratio Lower Upper

43 100

72 26.2 21.4 32.2

Instrument :

MSVOA_Y

ClientSampleId :

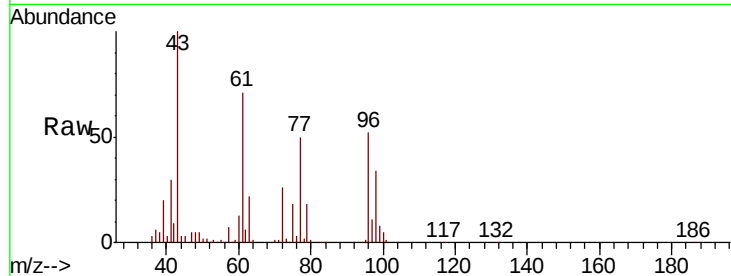
VY1014SBSD01

Manual Integrations

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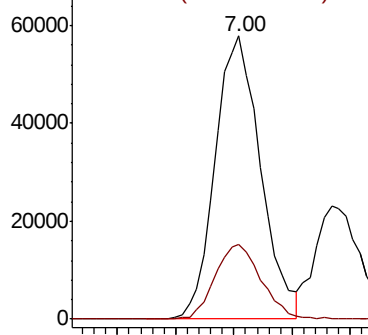
MMDadoda

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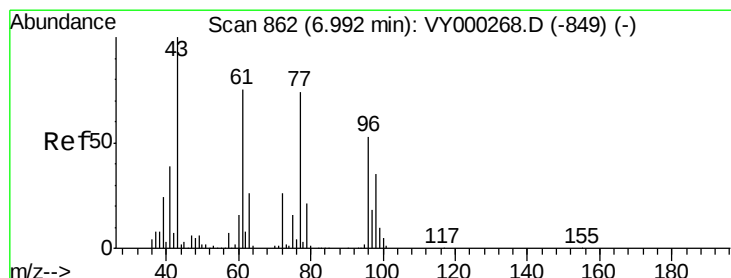
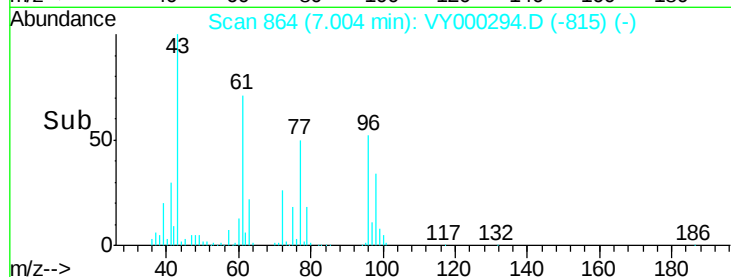


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#26

2,2-Dichloropropane

Concen: 20.530 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000294.D

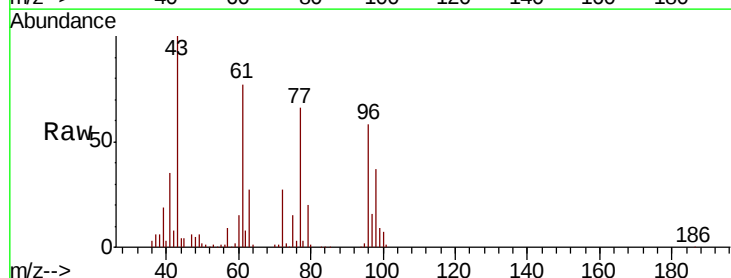
Acq: 14 Oct 2019 13:17

Tgt Ion: 77 Resp: 114003

Ion Ratio Lower Upper

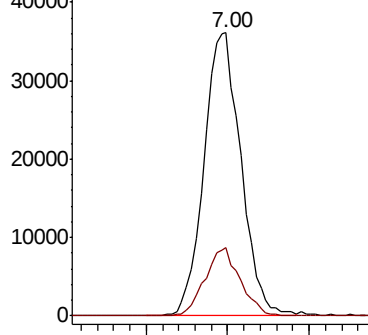
77 100

97 22.8 11.6 34.7

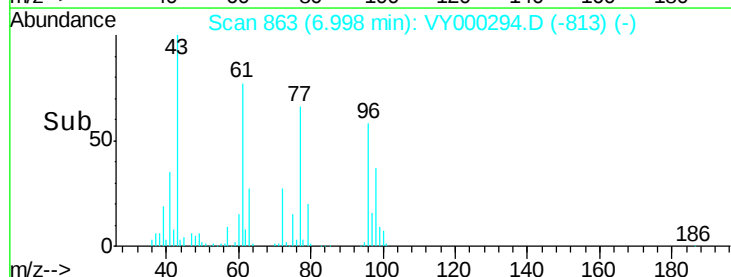


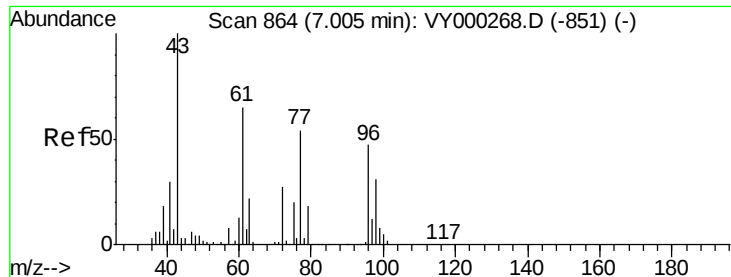
Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



Time-->





#27

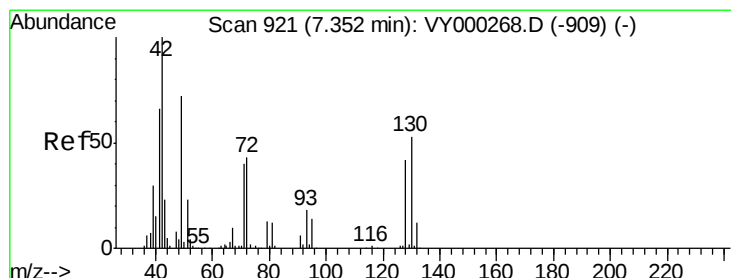
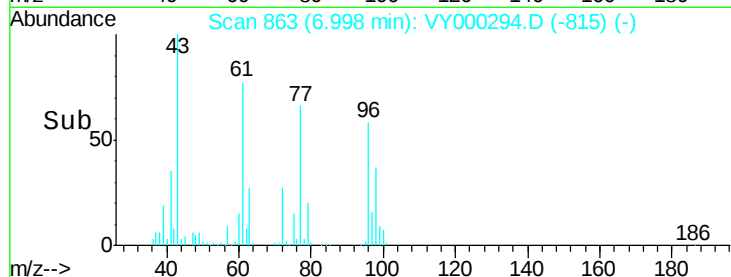
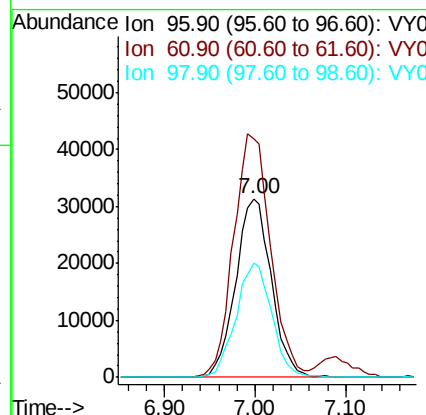
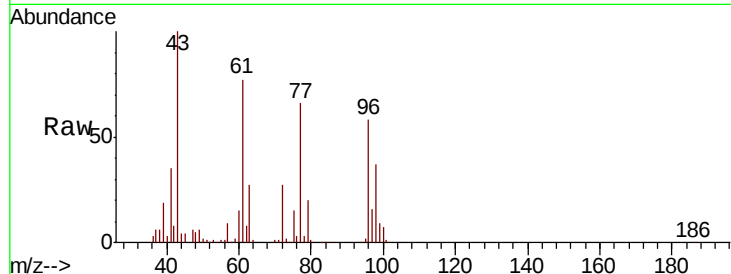
cis-1,2-Dichloroethene
Concen: 21.872 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.8	0.0	289.8	
98	64.2	0.0	131.8	

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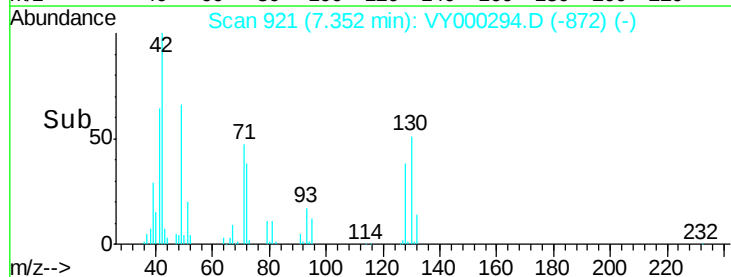
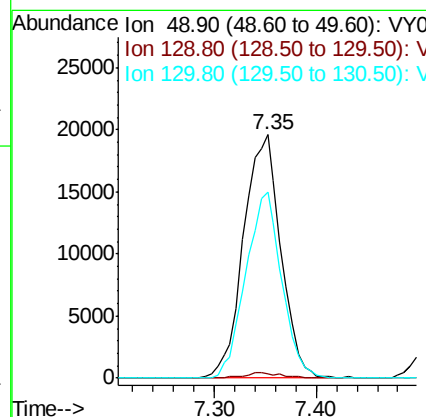
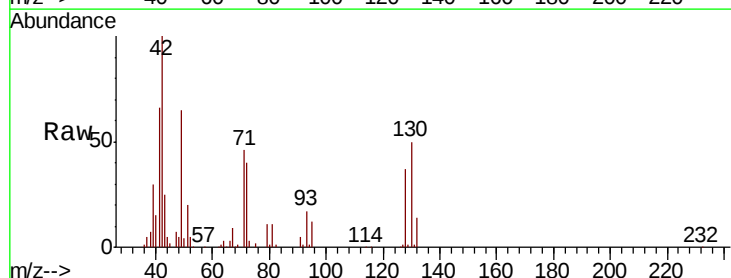
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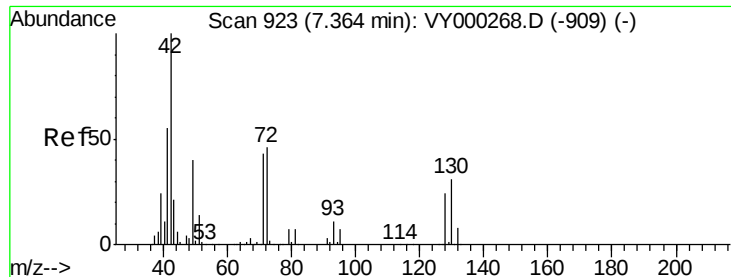


#28

Bromochloromethane
Concen: 19.191 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.0	
130	73.9	58.2	87.2	





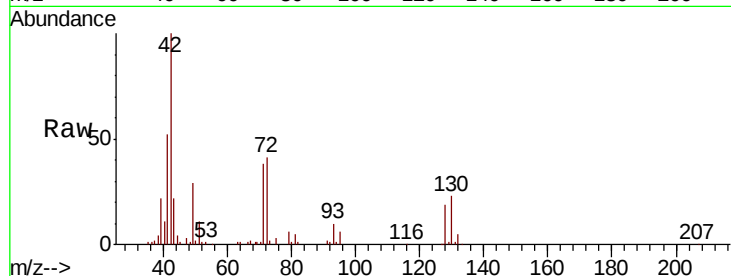
#29
Tetrahydrofuran
Concen: 105.609 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

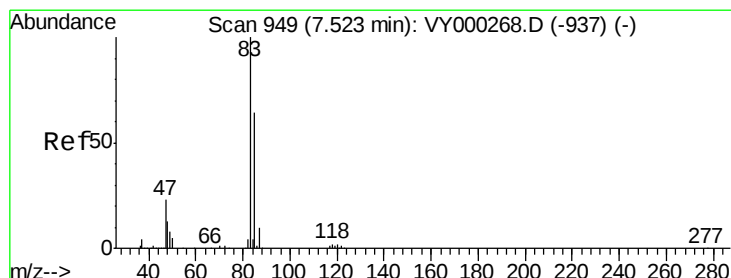
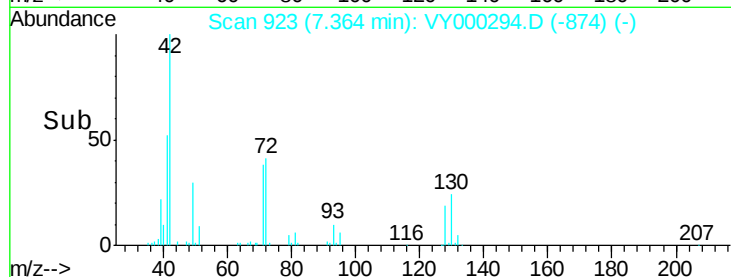
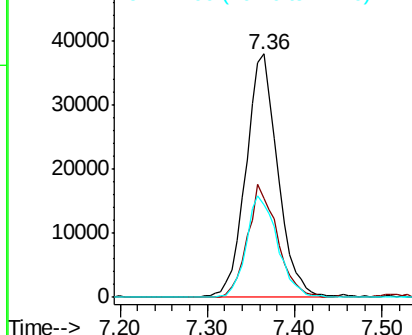
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.5	51.7
71	40.9	32.7	49.1

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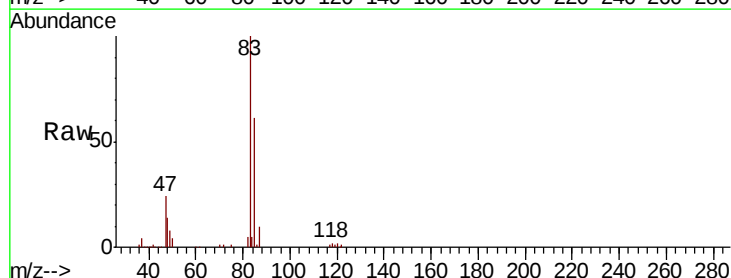


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

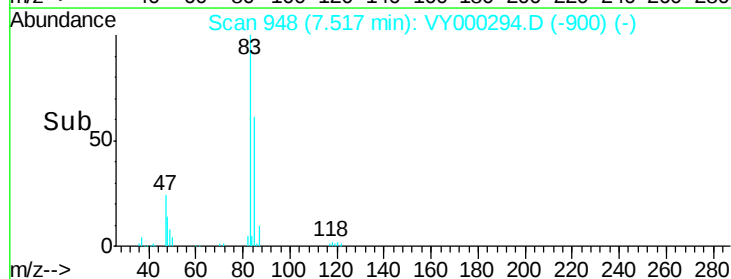
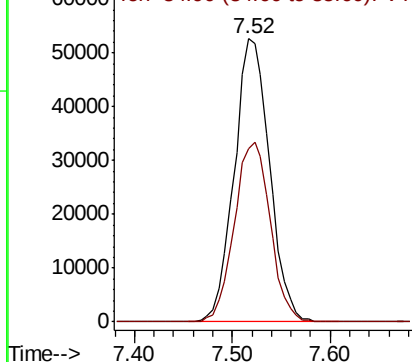


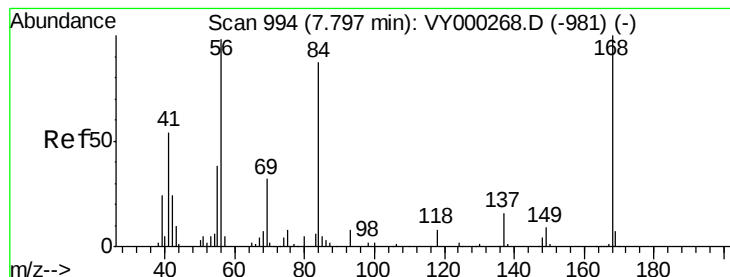
#30
Chloroform
Concen: 21.683 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.4	77.2



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 20.364 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

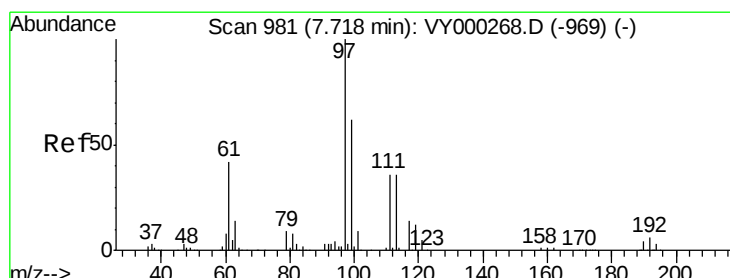
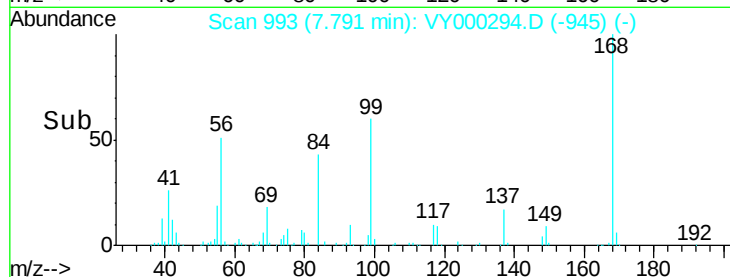
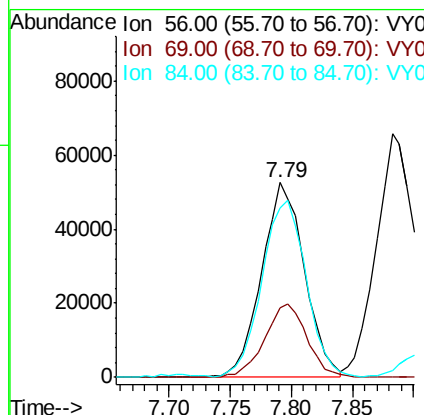
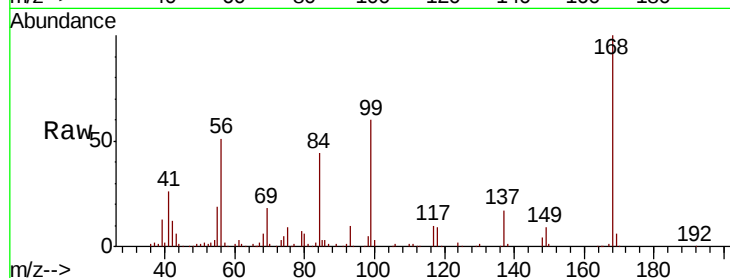
ClientSampleId :

VY1014SBS01

Tot Ion:	56	Resp:	128175
Ion Ratio	Lower	Upper	
56	100		
69	35.4	26.3	39.5
84	86.1	70.8	106.2

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#32

1,1,1-Trichloroethane

Concen: 21.203 ug/l

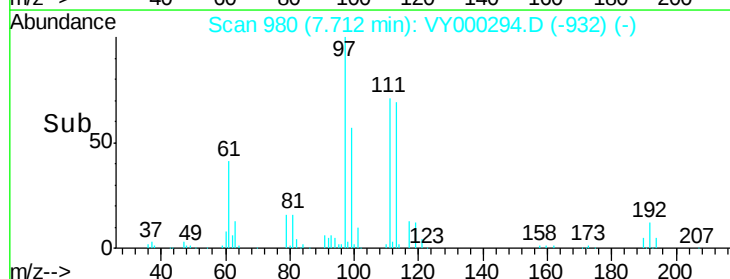
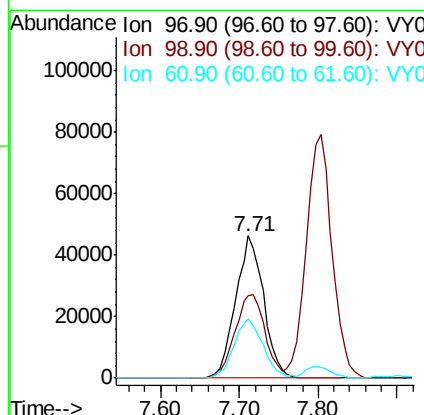
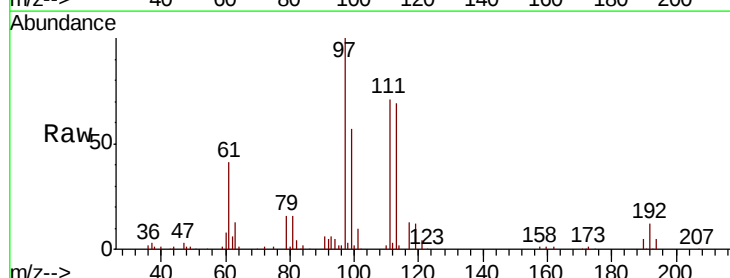
RT: 7.71 min Scan# 980

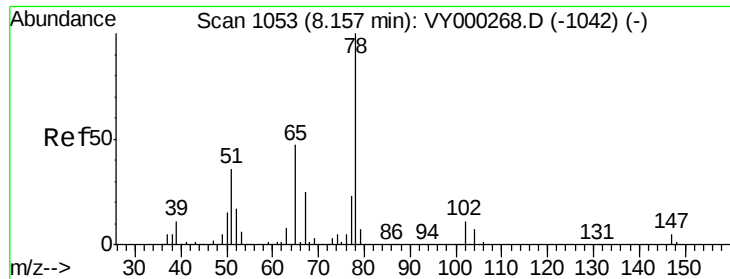
Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Tgt Ion:	97	Resp:	114402
Ion Ratio	Lower	Upper	
97	100		
99	62.6	51.7	77.5
61	43.5	34.5	51.7





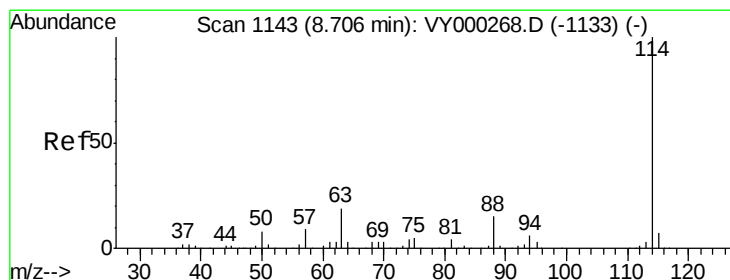
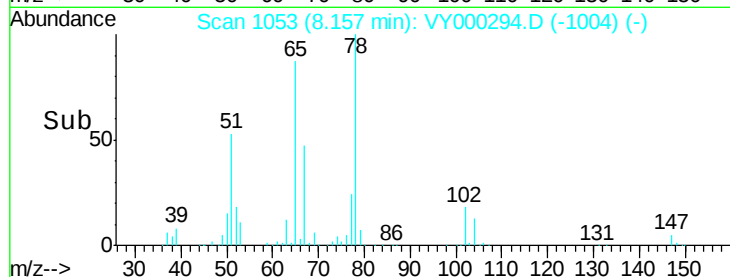
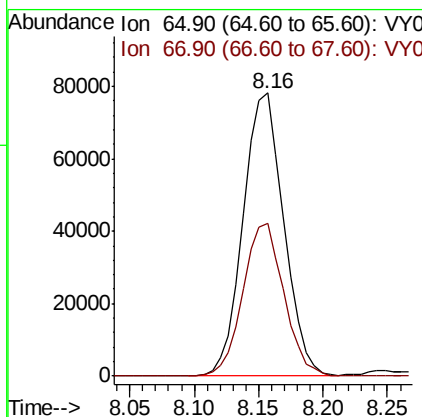
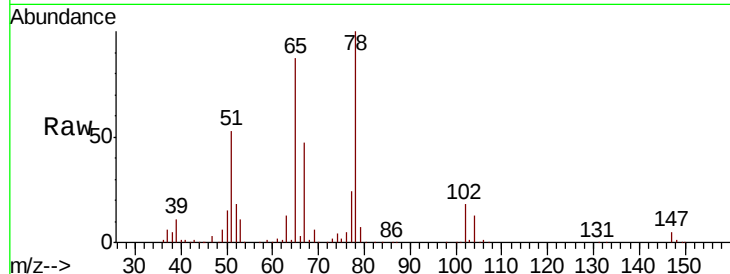
#33
 1,2-Dichloroethane-d4
 Concen: 51.914 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170795		
67	54.2	0.0	109.4	

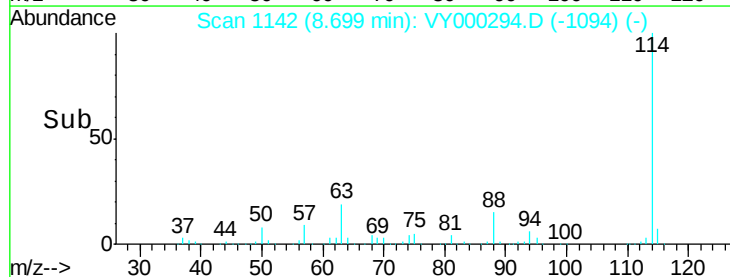
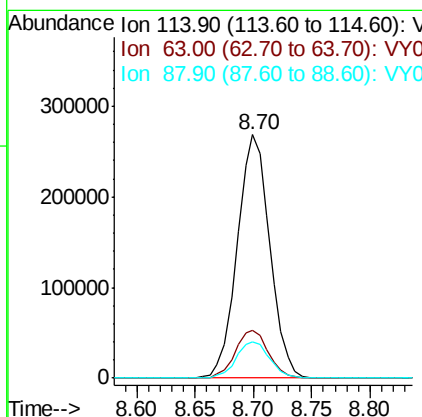
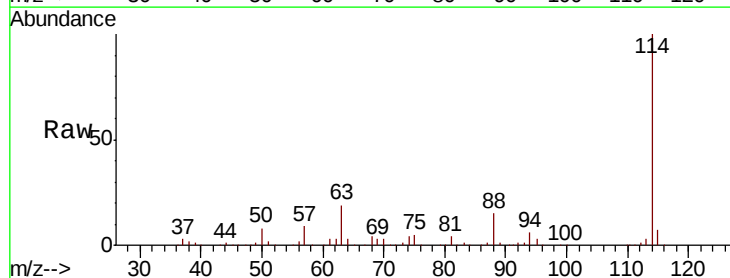
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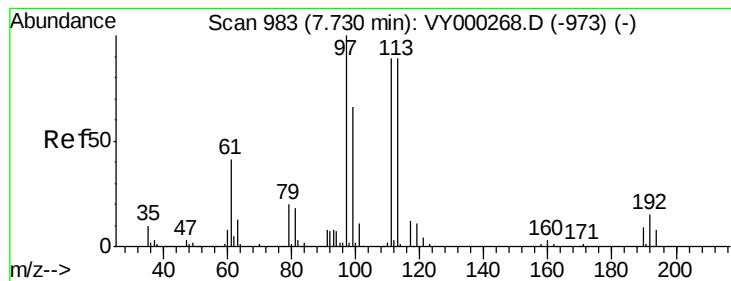
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	522221		
63	19.5	0.0	37.2	
88	14.7	0.0	30.2	





#35

Dibromofluoromethane

Concen: 48.678 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

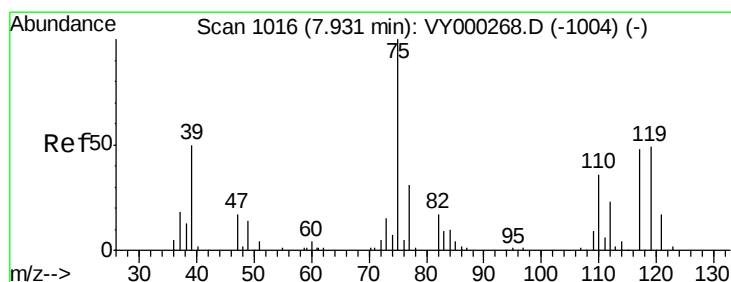
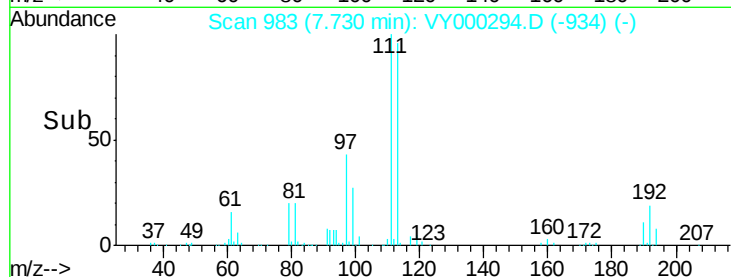
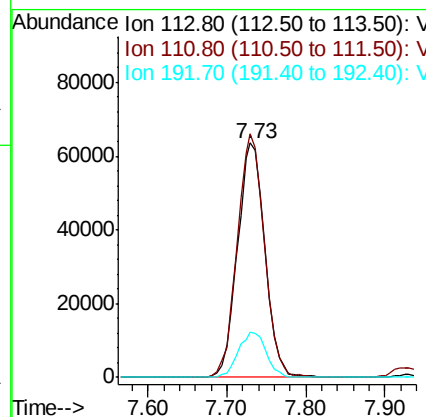
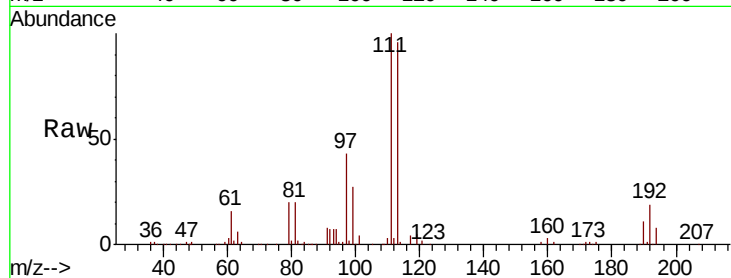
ClientSampleId :

VY1014SBS01

Tot Ion:	113	Resp:	153340
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.6	122.4
192	19.8	15.3	22.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.089 ug/l

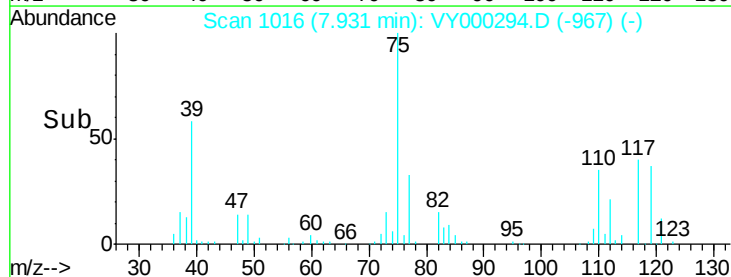
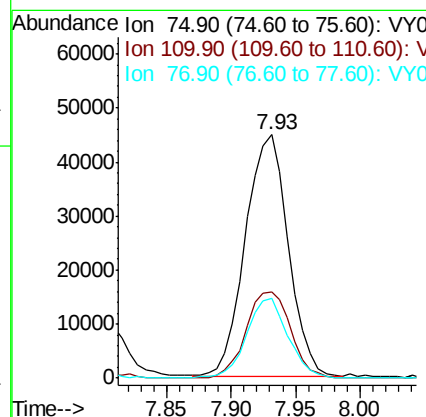
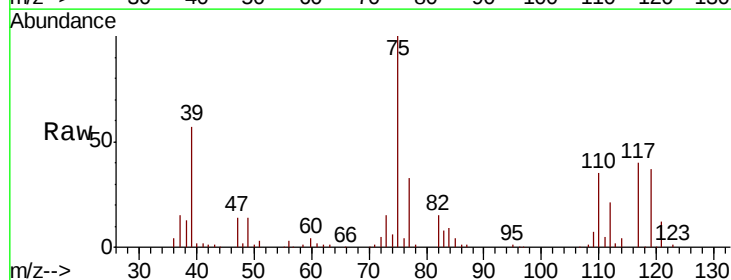
RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Tgt Ion:	75	Resp:	102714
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.4	55.4
77	31.9	25.0	37.6





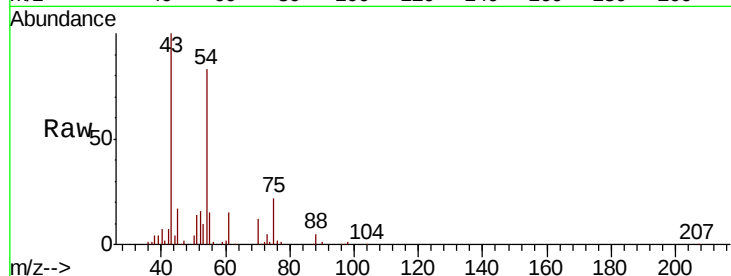
#37
Ethyl Acetate
Concen: 20.904 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.1	18.1
70	11.2	8.7	13.1

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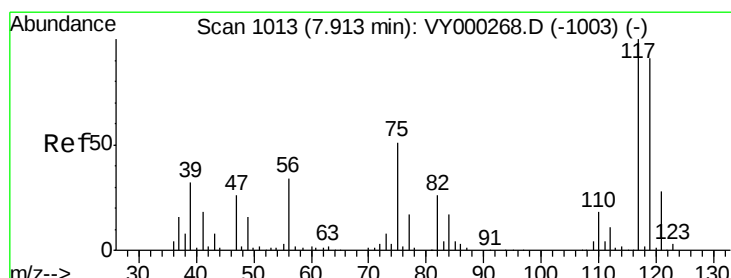
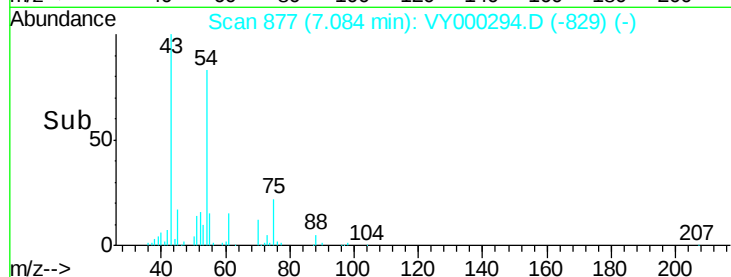
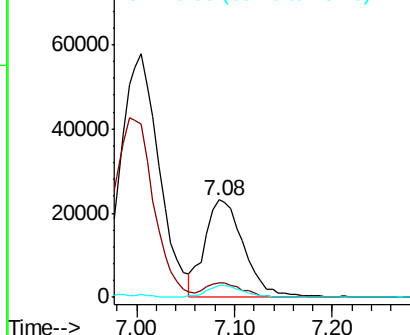


Abundance

Ion 43.00 (42.70 to 43.70): VY000294.D (-829) (-)

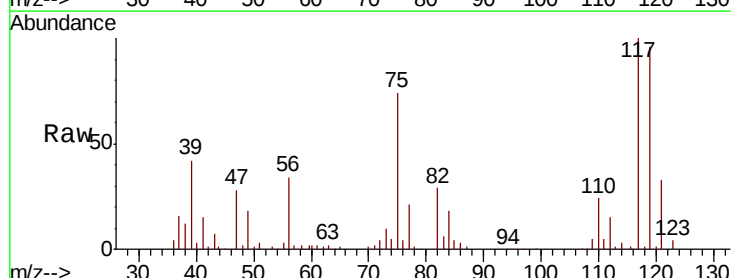
Ion 60.90 (60.60 to 61.60): VY000294.D (-829) (-)

Ion 70.00 (69.70 to 70.70): VY000294.D (-829) (-)



#38
Carbon Tetrachloride
Concen: 20.050 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	72.8	109.2
121	33.0	22.2	33.2

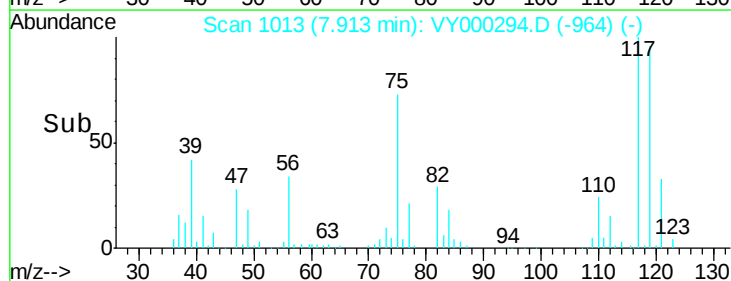
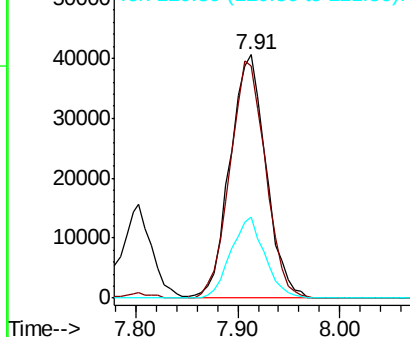


Abundance

Ion 116.80 (116.50 to 117.50): VY000294.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000294.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000294.D (-964) (-)





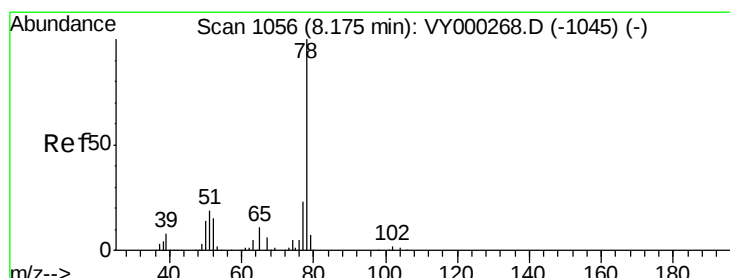
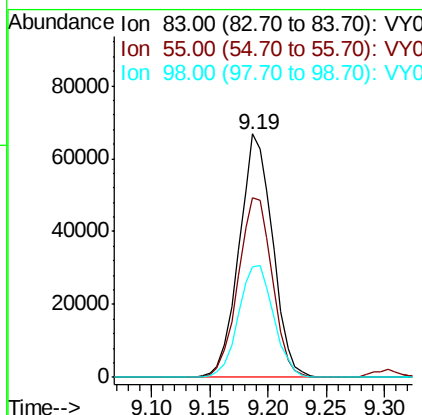
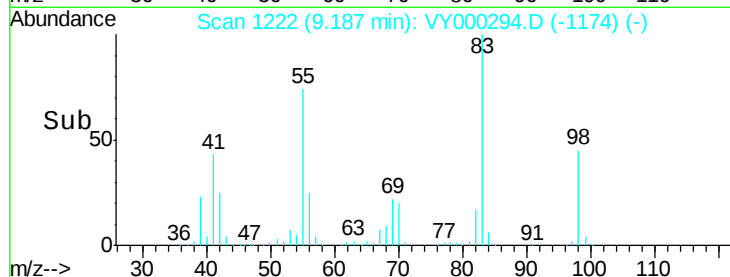
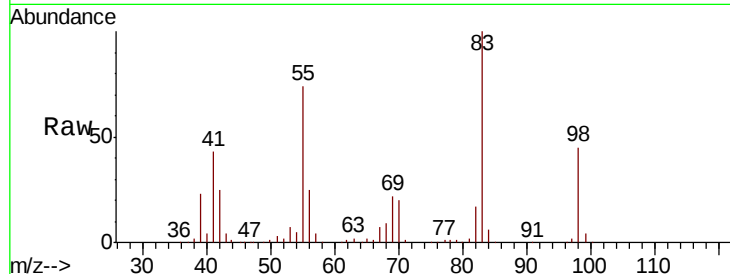
#39
Methvlcvclohexane
Concen: 20.005 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	60.9	91.3
98	45.4	41.8	62.6

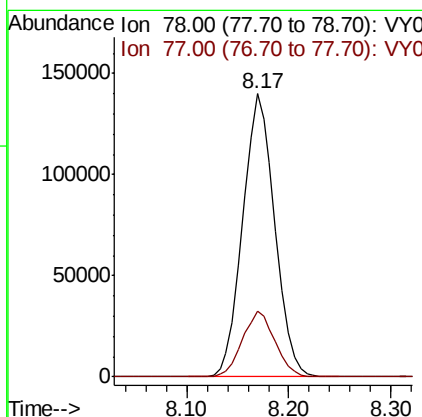
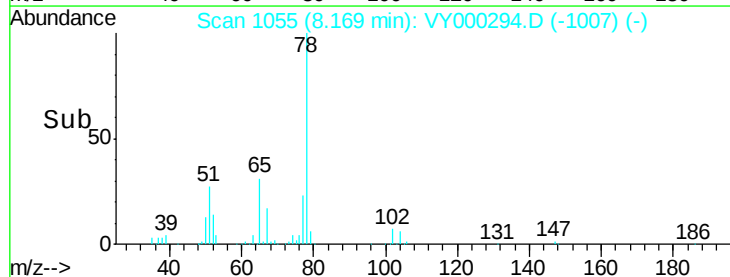
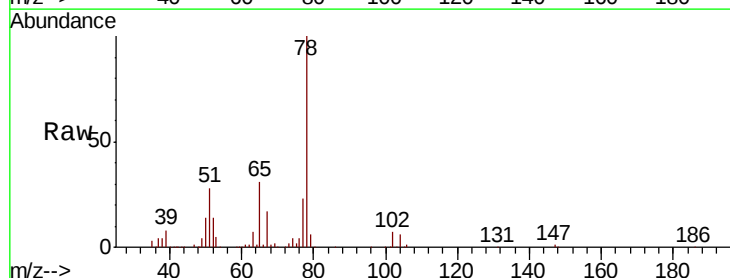
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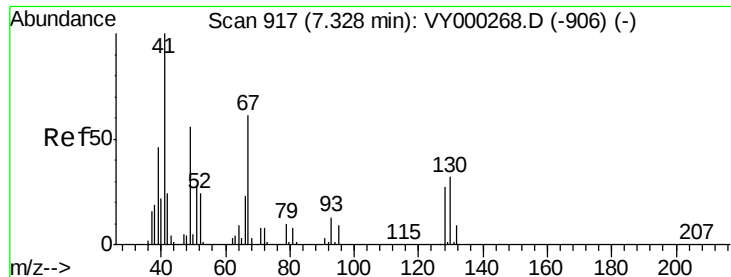
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#40
Benzene
Concen: 20.658 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.8	28.2





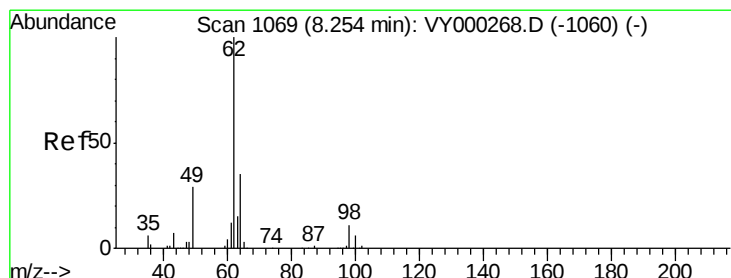
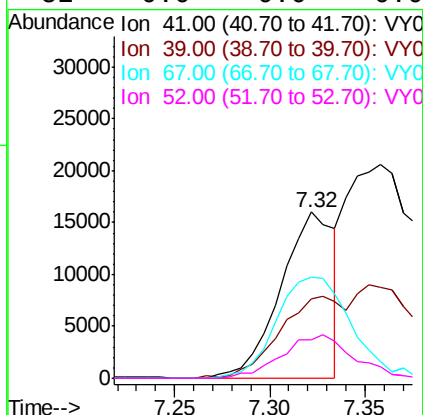
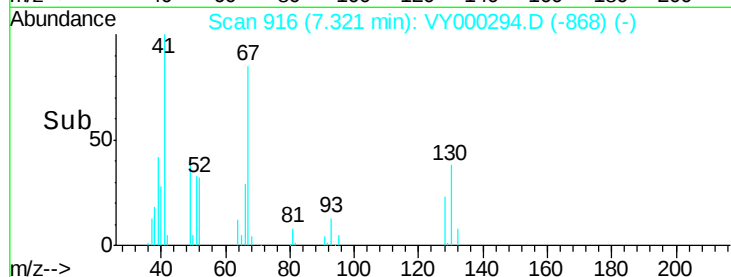
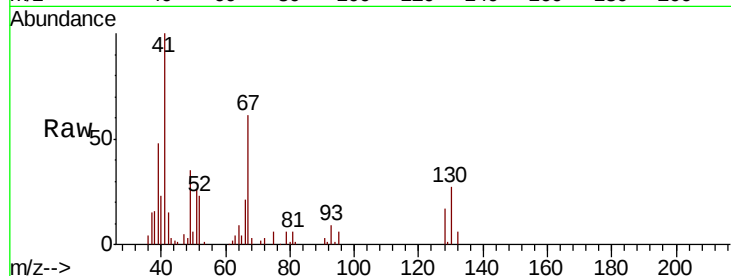
#41
Methacrylonitrile
Concen: 21.606 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		31135		
39	68.6	110.2	165.2#		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

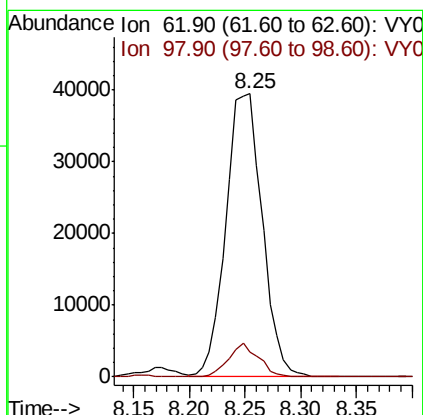
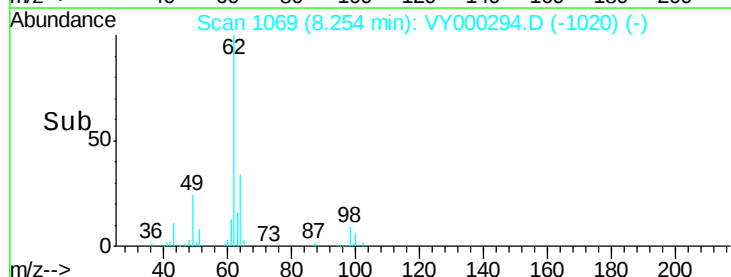
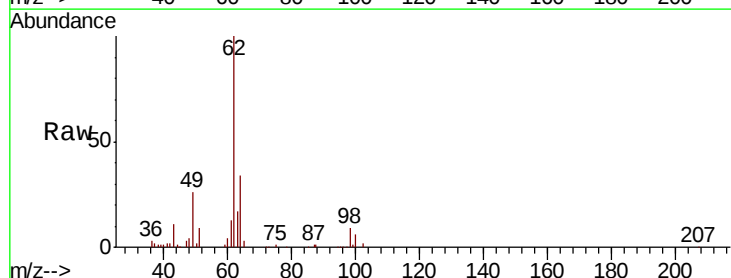
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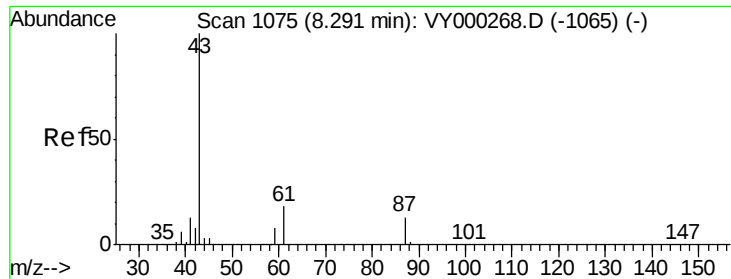
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#42
1,2-Dichloroethane
Concen: 21.233 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		89615		
98	9.9	0.0	20.6		





#43

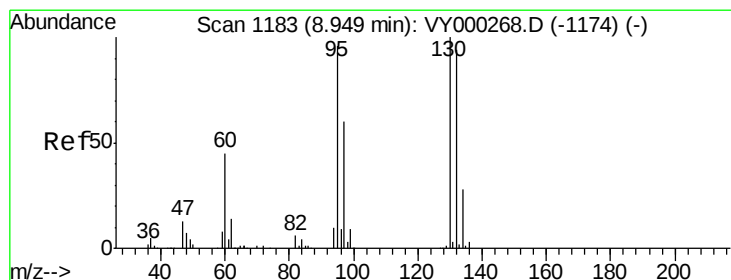
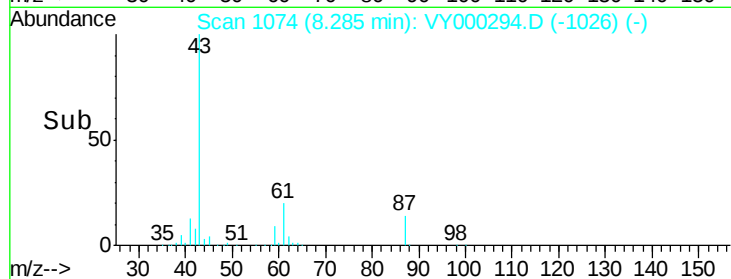
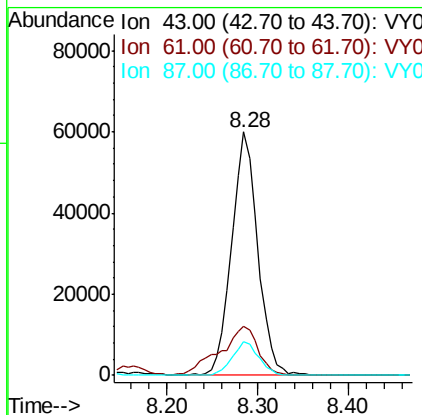
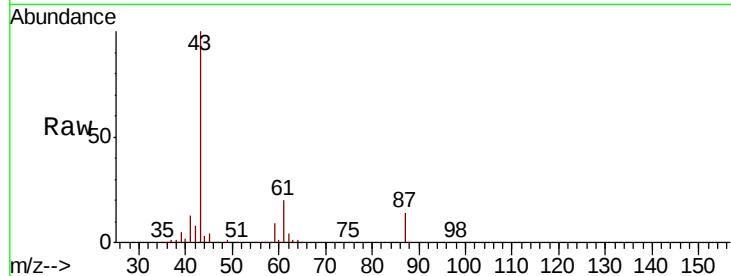
Isopropyl Acetate
 Concen: 20.774 ug/l
 RT: 8.28 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.4	22.3	33.5
87	13.9	10.9	16.3

Manual Integrations
 APPROVED

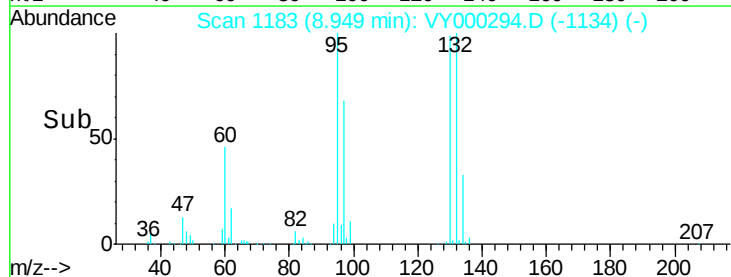
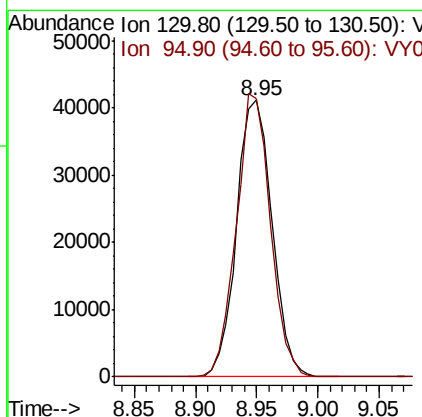
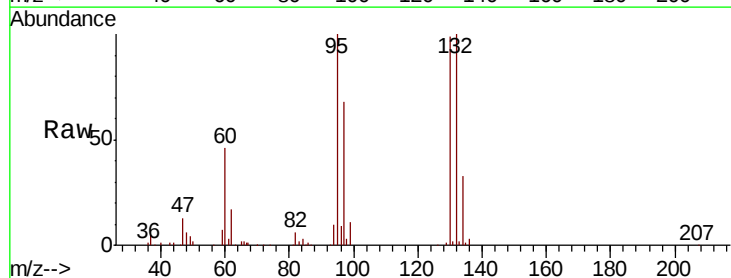
MMDadoda
 10/16/2019 12:53:11 AM

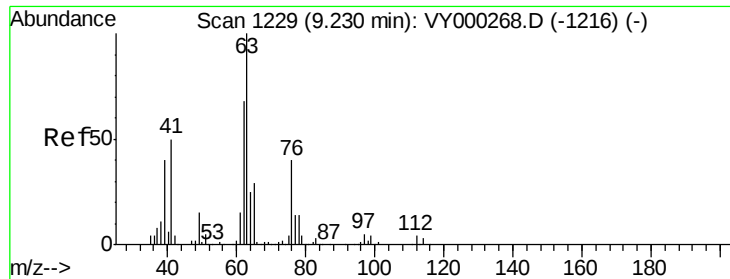


#44

Trichloroethene
 Concen: 19.991 ug/l
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	191.4





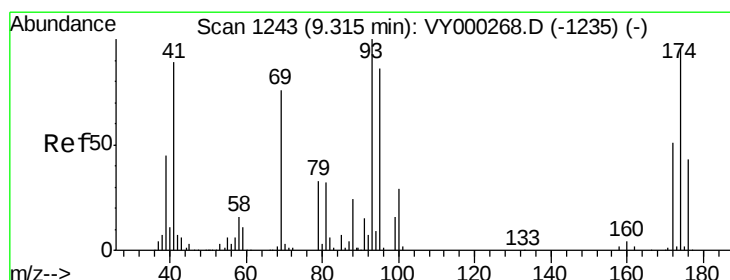
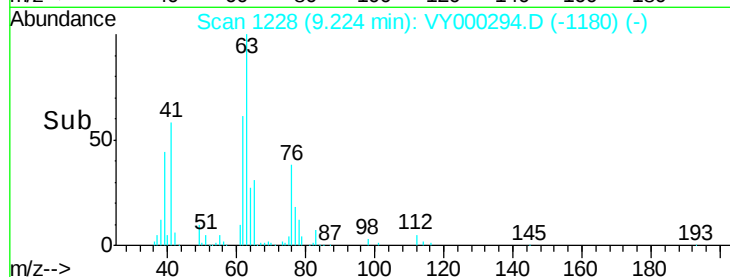
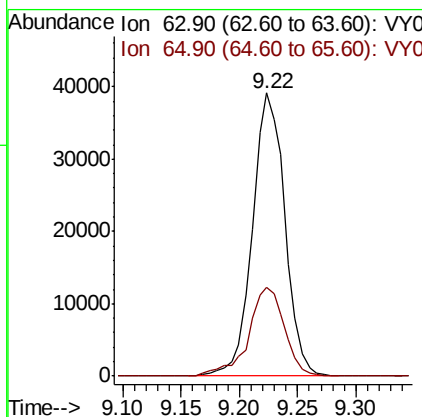
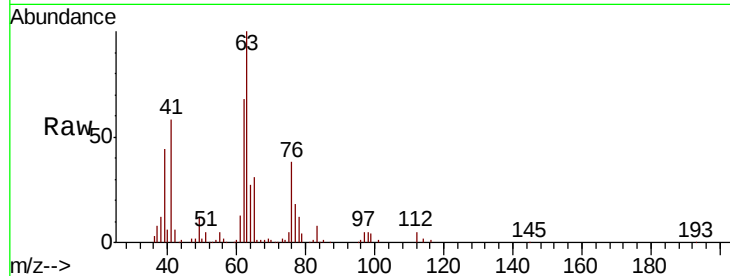
#45
 1,2-Dichloropropane
 Concen: 20.983 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Tot Ion: 63 Resp: 76085
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.2 34.8

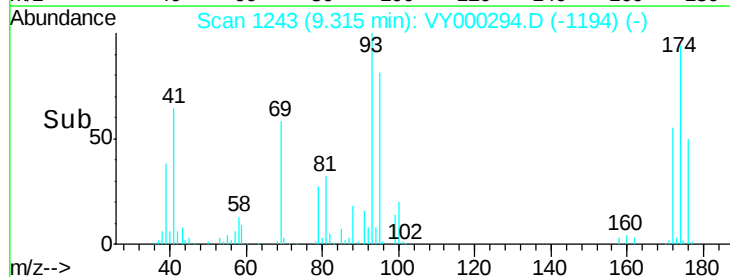
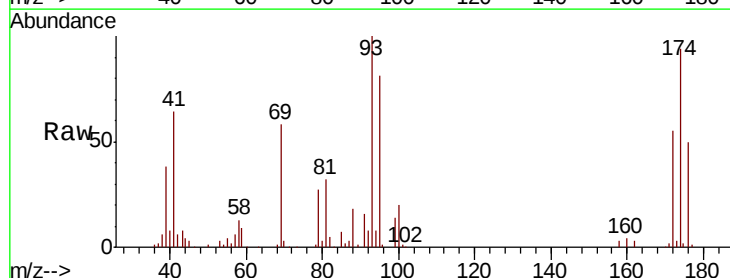
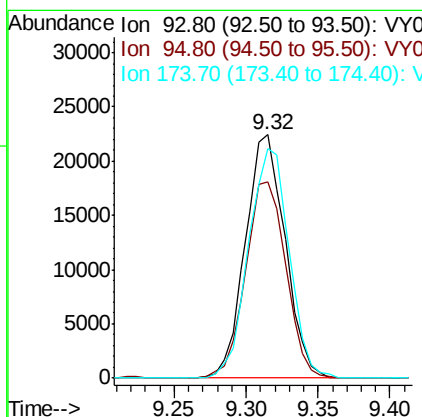
Manual Integrations
 APPROVED

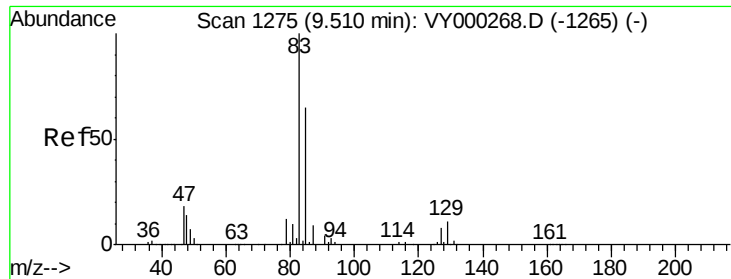
MMDadoda
 10/16/2019 12:53:11 AM



#46
 Dibromomethane
 Concen: 21.166 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion: 93 Resp: 42903
 Ion Ratio Lower Upper
 93 100
 95 81.8 68.2 102.2
 174 96.0 79.8 119.6





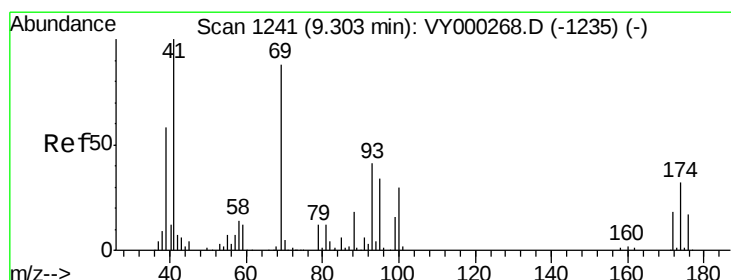
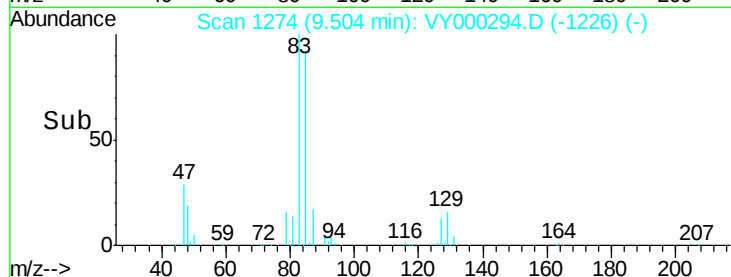
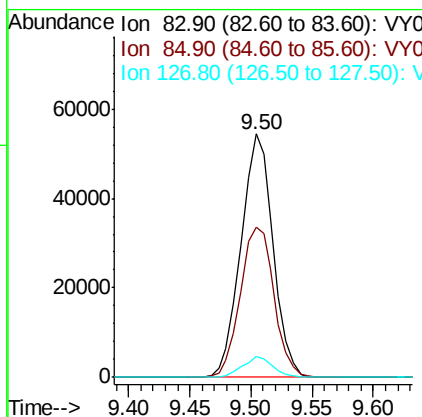
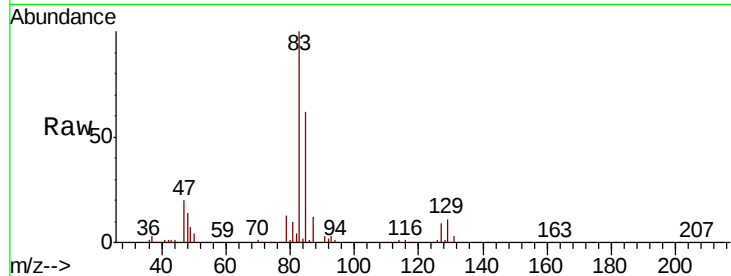
#47
Bromodichloromethane
Concen: 20.736 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.2	78.2
127	8.9	6.3	9.5

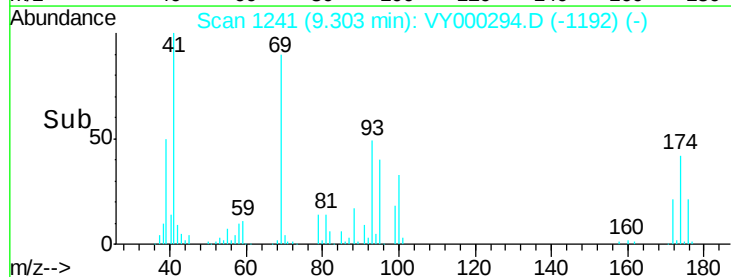
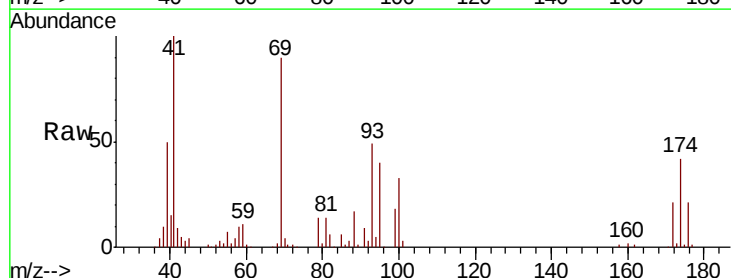
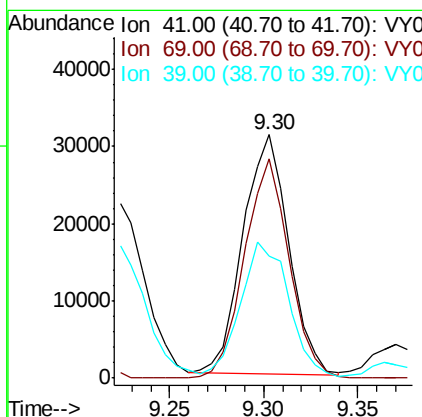
Manual Integrations
APPROVED

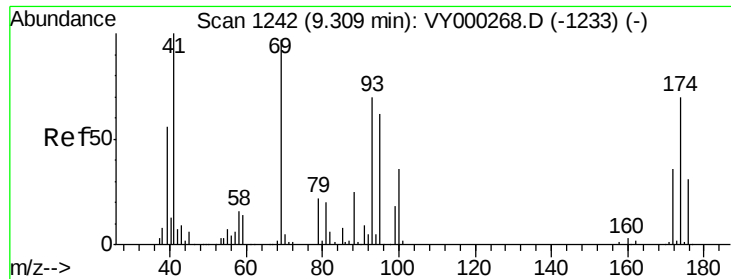
MMDadoda
10/16/2019 12:53:11 AM



#48
Methyl methacrylate
Concen: 20.762 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.5	70.0	105.0
39	60.6	47.7	71.5





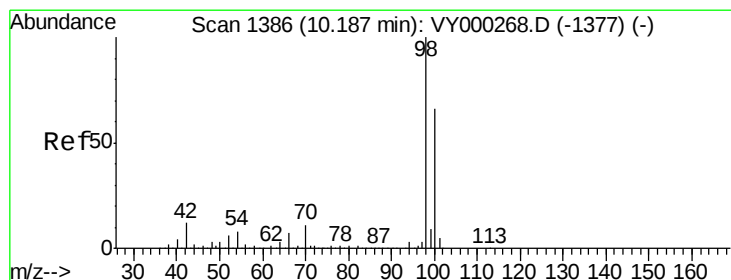
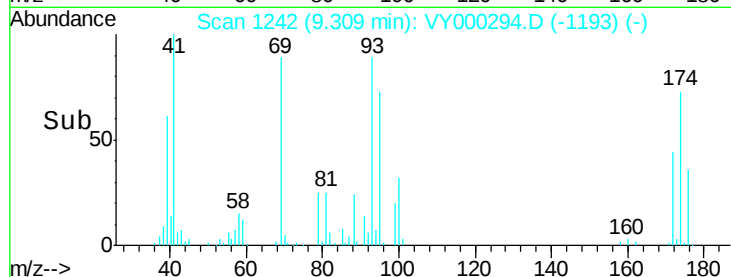
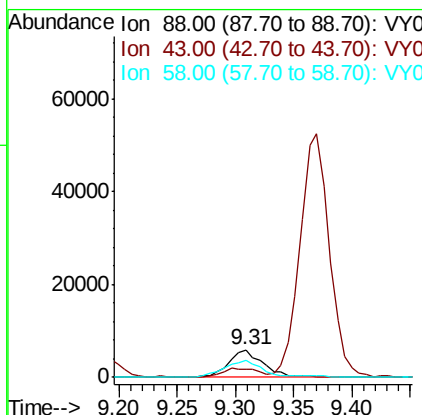
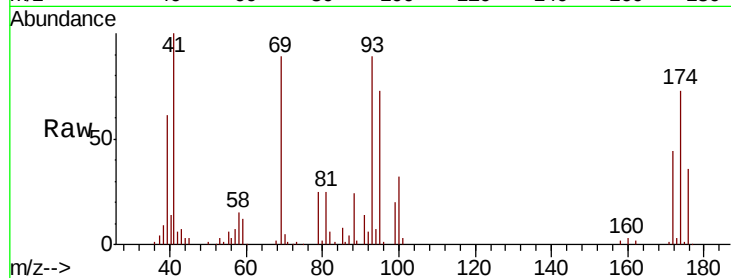
#49
1,4-Dioxane
Concen: 401.089 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion	88	Resp	12190
Ion Ratio	100	Lower	Upper
88	100		
43	34.4	25.6	38.4
58	66.7	54.6	81.8

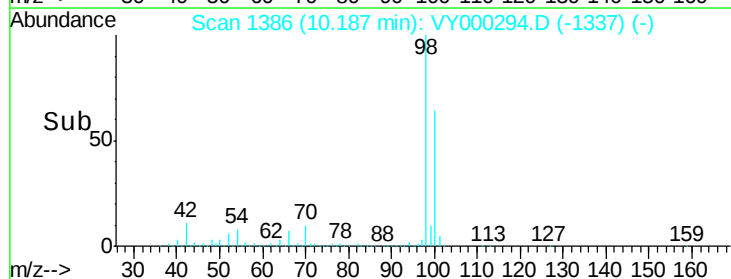
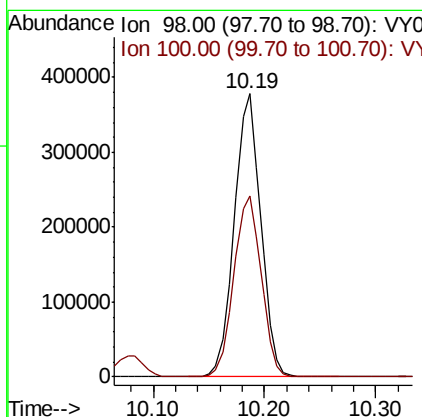
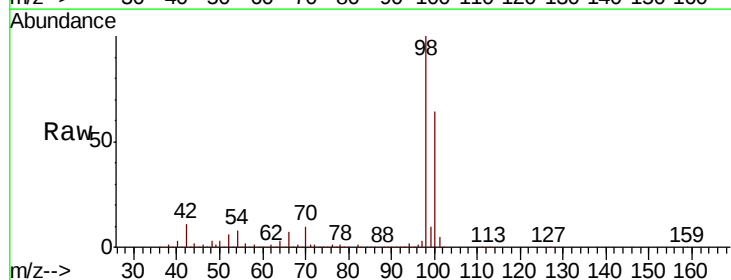
Manual Integrations
APPROVED

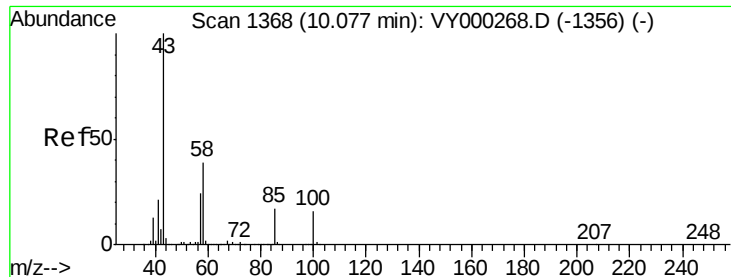
MMDadoda
10/16/2019 12:53:11 AM



#50
Toluene-d8
Concen: 51.446 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	98	Resp	623398
Ion Ratio	100	Lower	Upper
98	100		
100	65.8	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 107.694 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

Tot Ion: 43 Resp: 319743

Ion Ratio Lower Upper

43 100

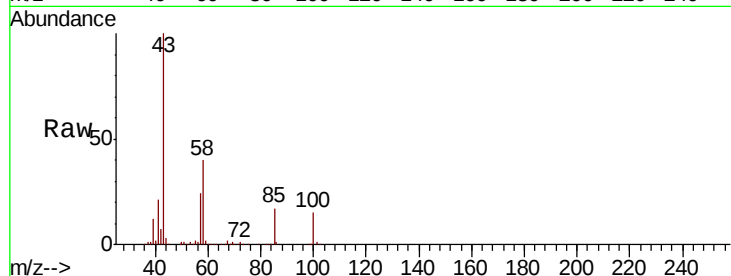
58 39.5 31.0 46.6

Manual Integrations

APPROVED

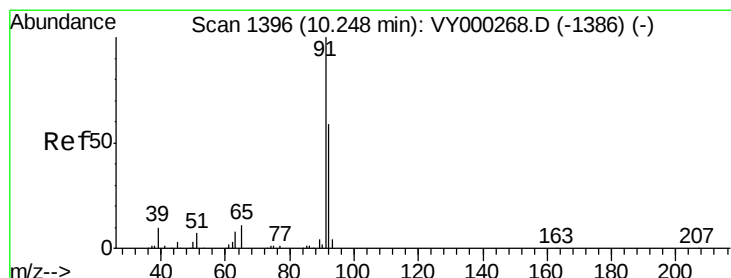
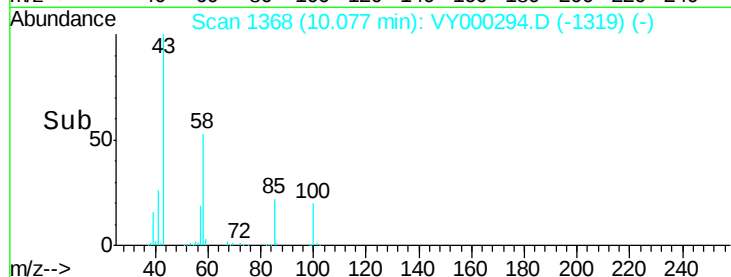
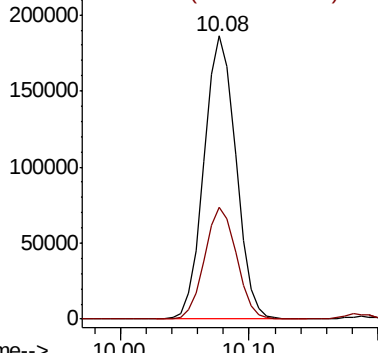
MMDadoda

10/16/2019 12:53:11 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.362 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000294.D

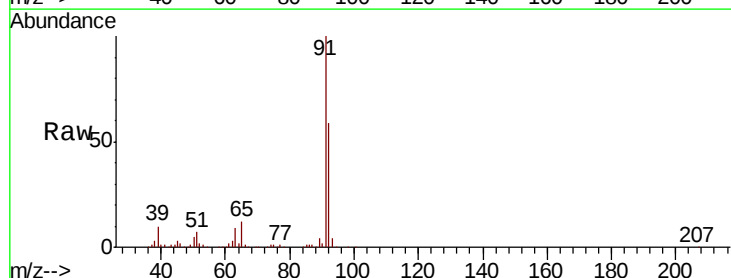
Acq: 14 Oct 2019 13:17

Tgt Ion: 92 Resp: 191013

Ion Ratio Lower Upper

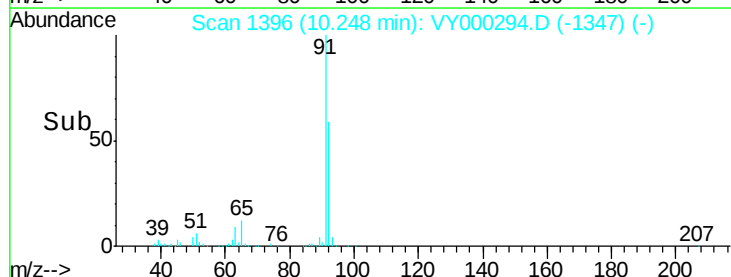
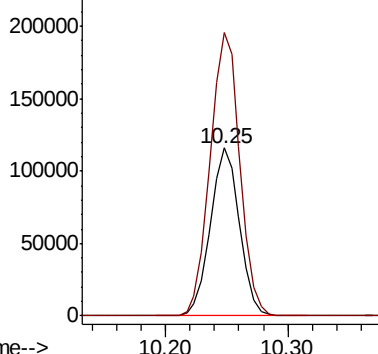
92 100

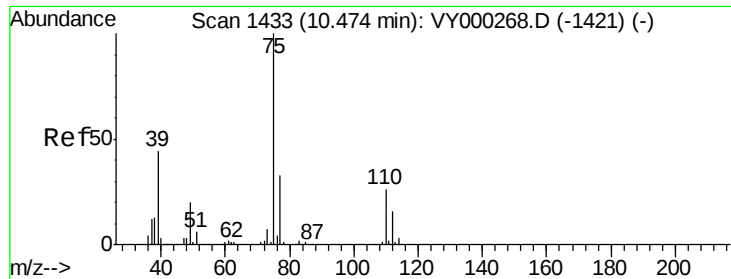
91 172.1 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





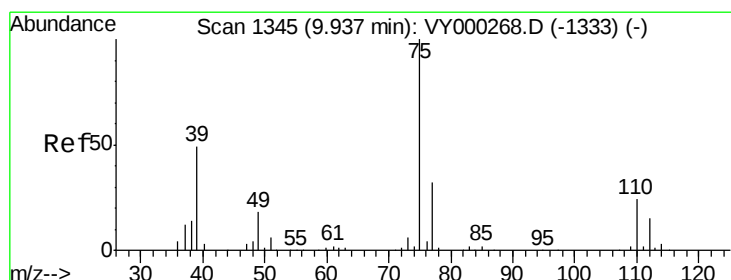
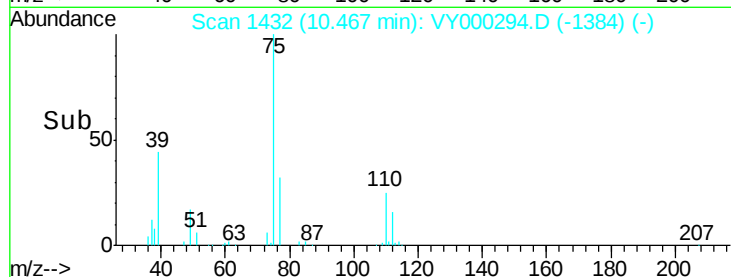
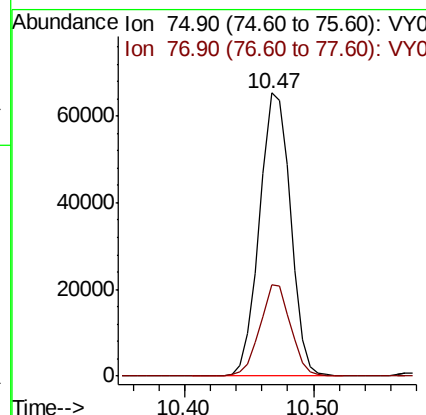
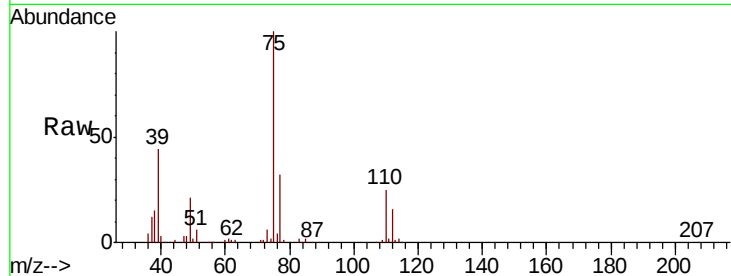
#53
 t-1,3-Dichloropropene
 Concen: 21.265 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Tot Ion: 75 Resp: 108869
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.0 39.0

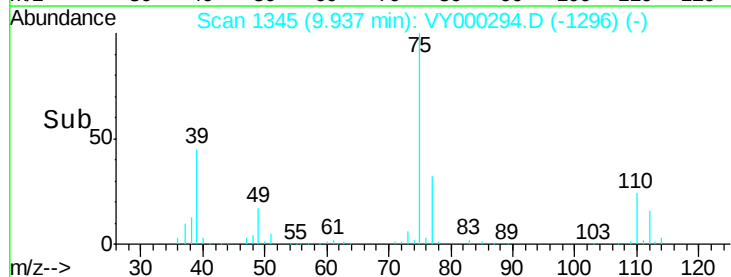
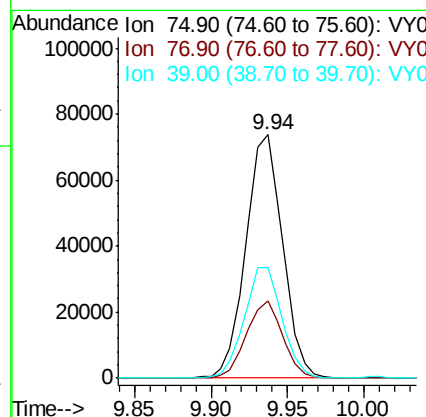
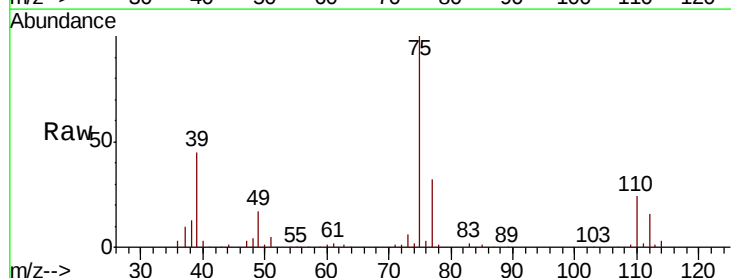
Manual Integrations
 APPROVED

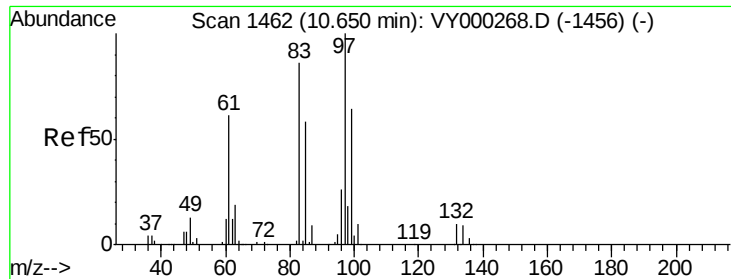
MMDadoda
 10/16/2019 12:53:11 AM



#54
 cis-1,3-Dichloropropene
 Concen: 21.225 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion: 75 Resp: 123399
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.0 39.0
 39 45.2 38.8 58.2





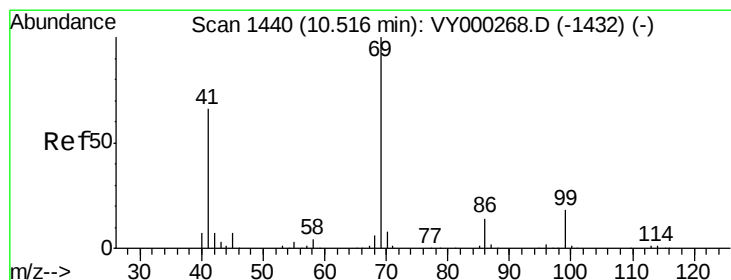
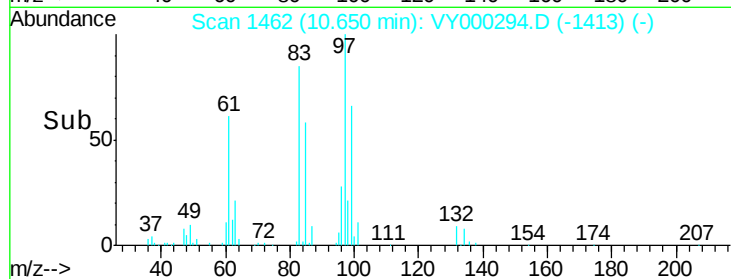
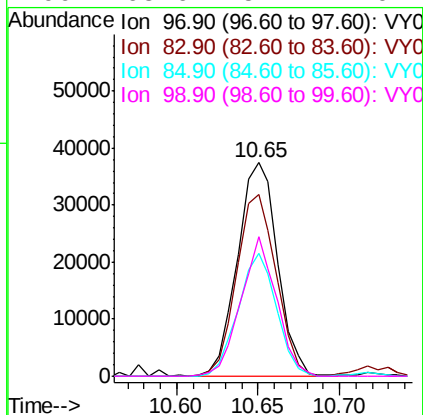
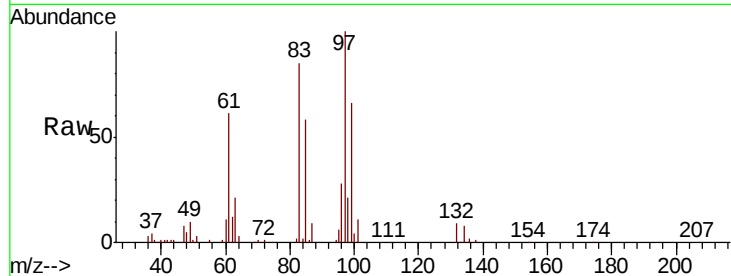
#55
 1,1,2-Trichloroethane
 Concen: 21.778 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.0	103.6
85	57.6	46.2	69.4
99	65.6	51.1	76.7

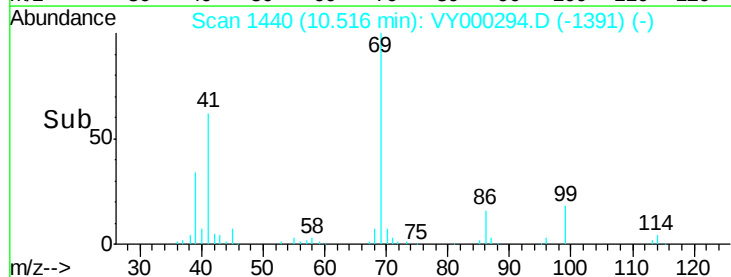
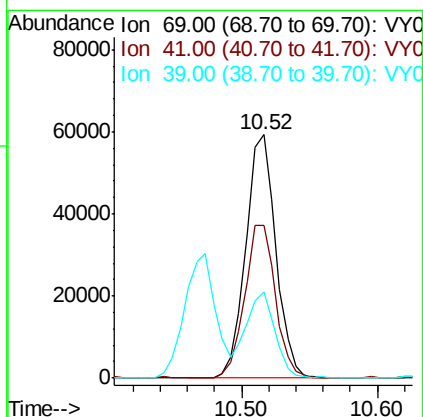
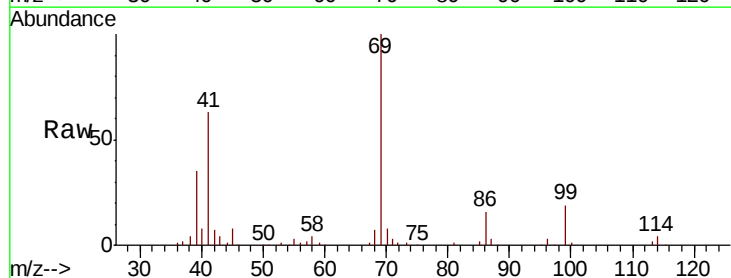
Manual Integrations
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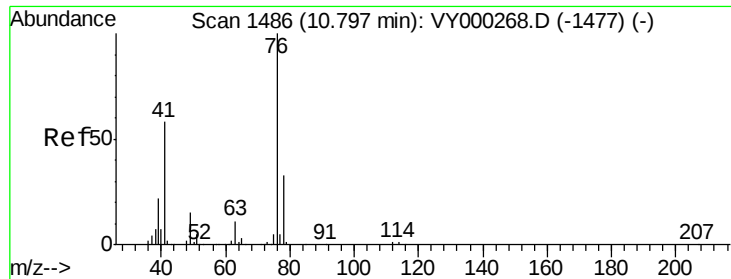
MMDadoda
 10/16/2019 12:53:11 AM



#56
 Ethyl methacrylate
 Concen: 21.915 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.7	52.5	78.7
39	34.8	26.7	40.1





#57

1,3-Dichloropropane

Concen: 21.183 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

Tot Ion: 76 Resp: 107215

Ion Ratio Lower Upper

76 100

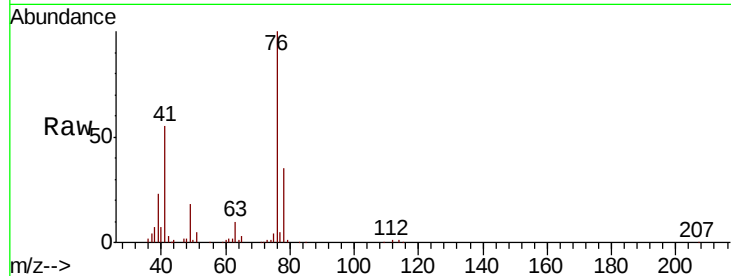
78 33.0 26.2 39.2

Manual Integrations

APPROVED

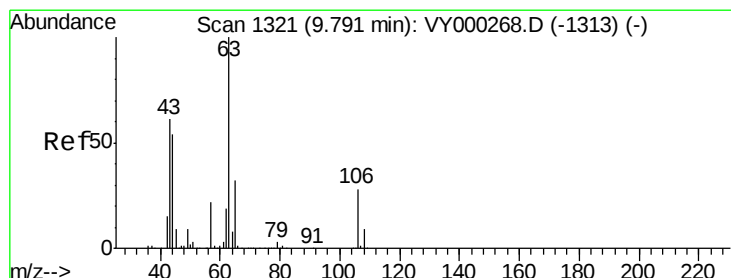
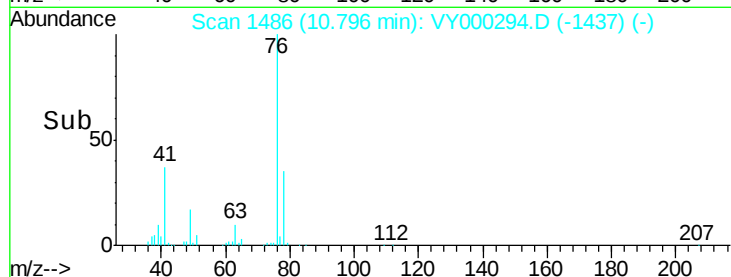
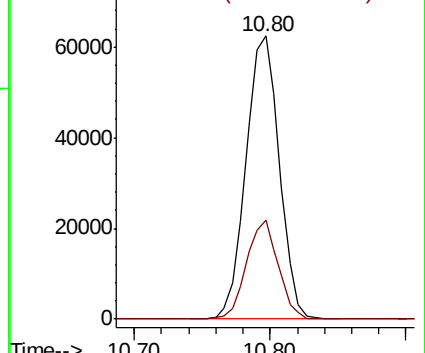
MMDadoda

10/16/2019 12:53:11 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 129.339 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000294.D

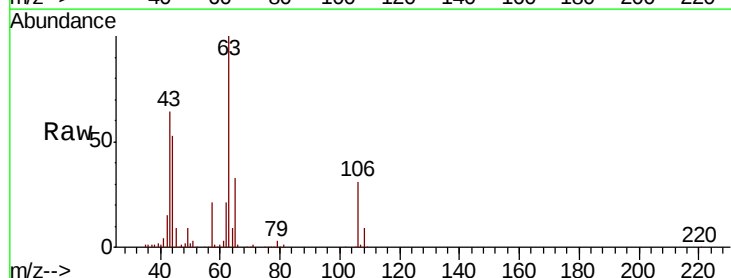
Acq: 14 Oct 2019 13:17

Tgt Ion: 63 Resp: 216716

Ion Ratio Lower Upper

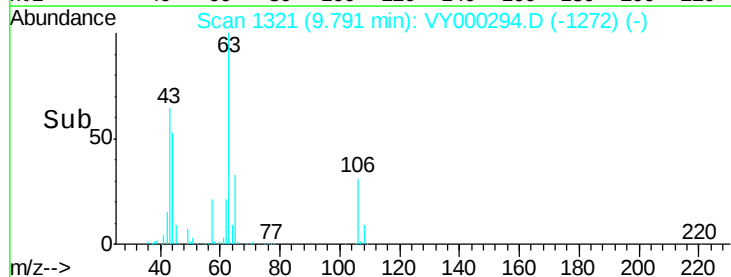
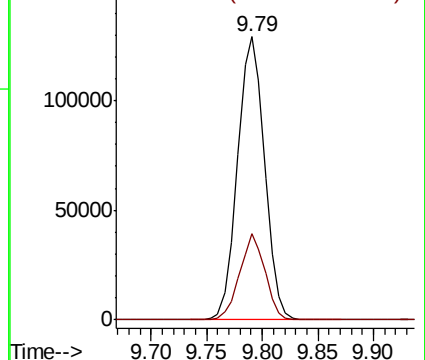
63 100

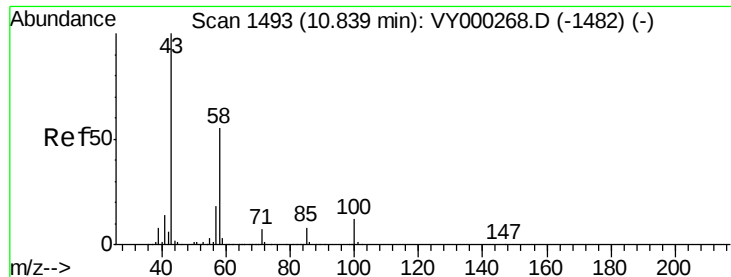
106 28.7 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





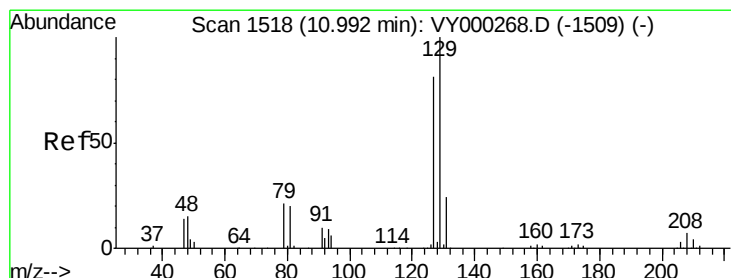
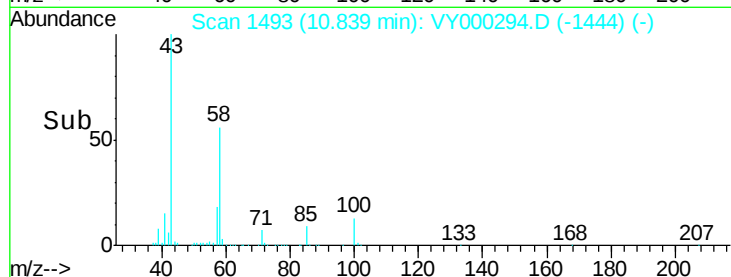
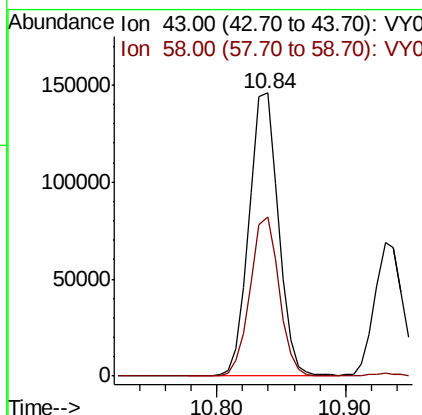
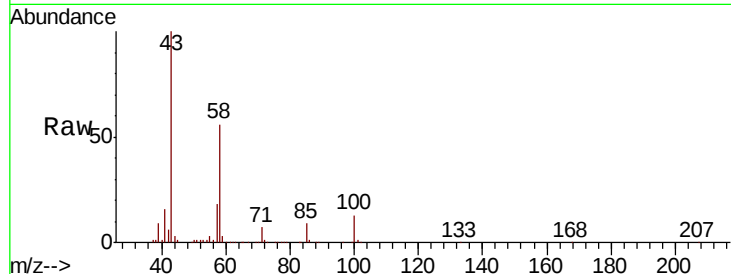
#59
2-Hexanone
Concen: 109.980 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion: 43 Resp: 229196
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1

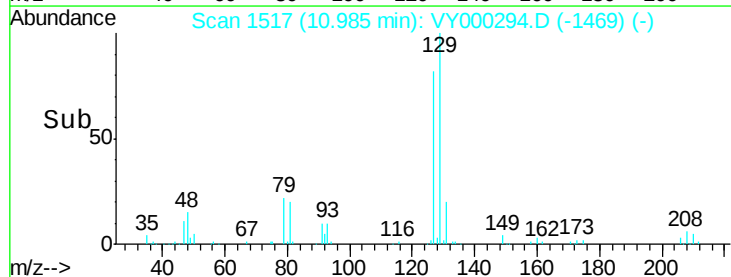
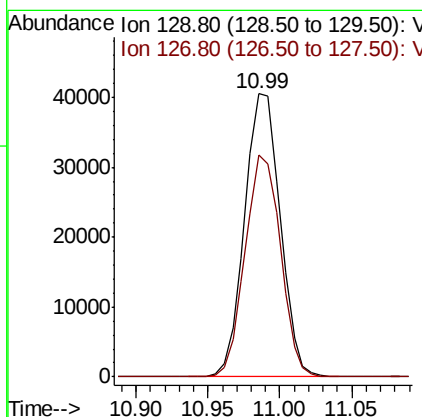
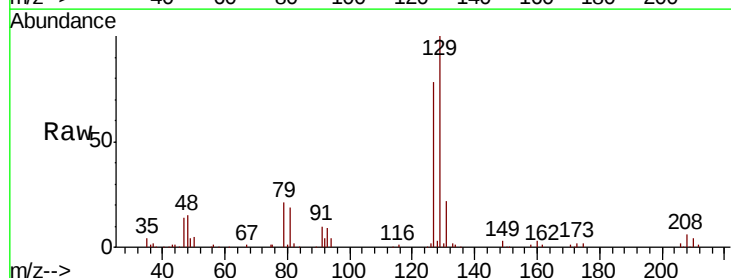
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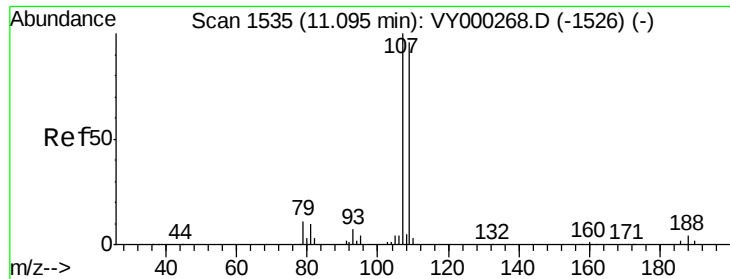
MMDadoda
10/16/2019 12:53:11 AM



#60
Dibromochloromethane
Concen: 21.261 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 129 Resp: 69452
Ion Ratio Lower Upper
129 100
127 77.9 39.9 119.7





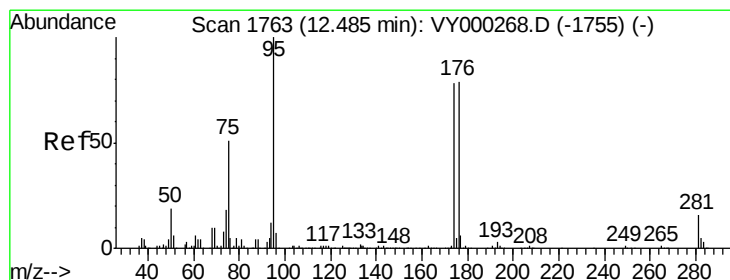
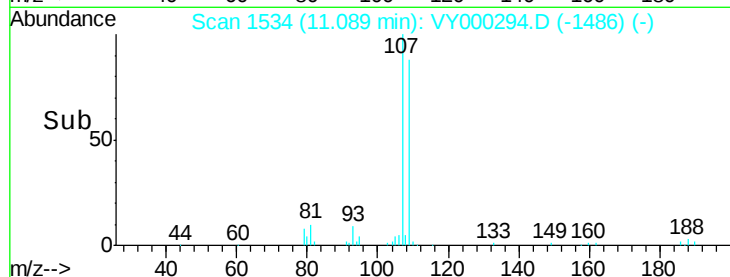
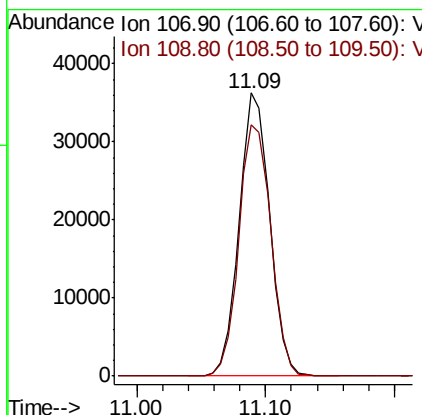
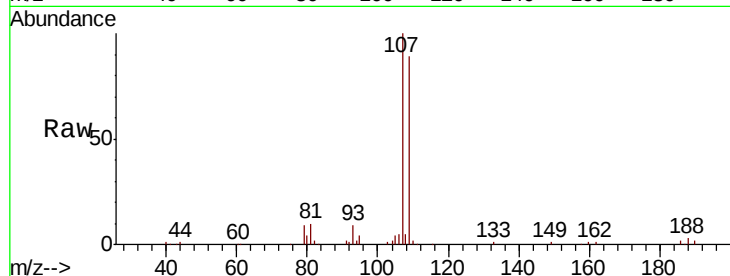
#61
 1,2-Dibromoethane
 Concen: 20.979 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	75.1	112.7

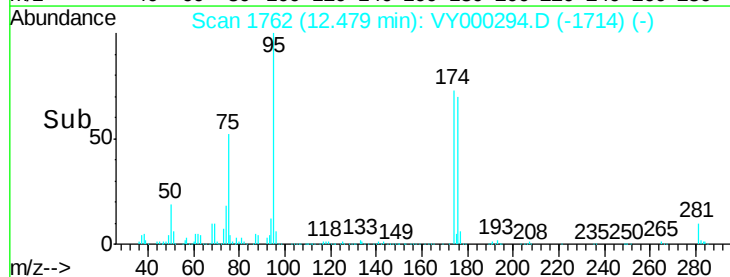
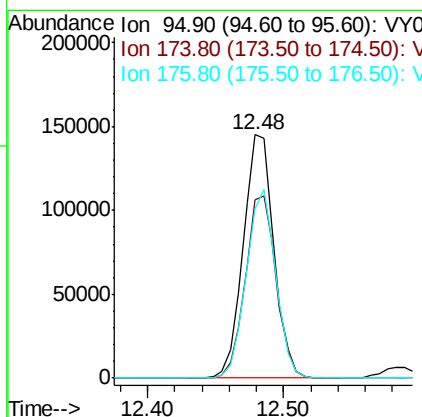
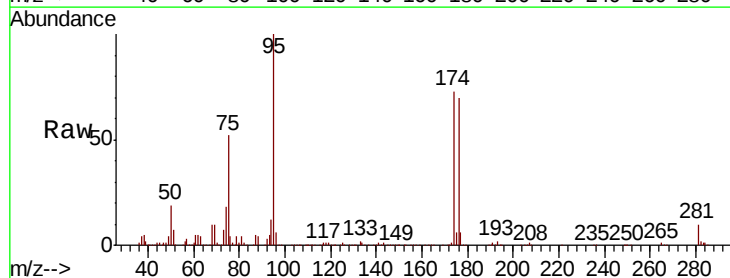
Manual Integrations
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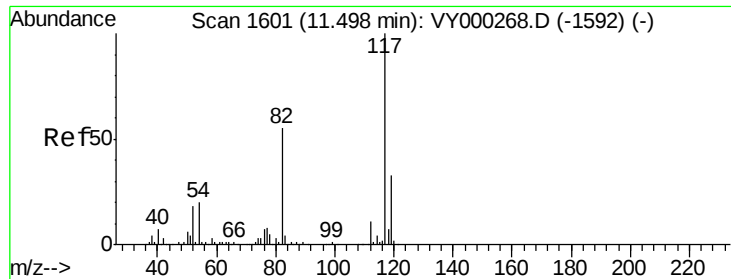
MMDadoda
 10/16/2019 12:53:11 AM



#62
 4-Bromofluorobenzene
 Concen: 49.474 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	159.6
176	75.2	0.0	153.8





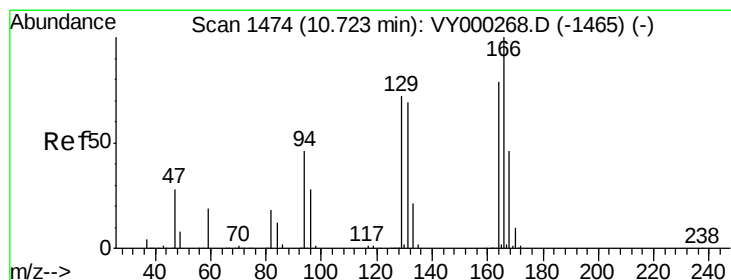
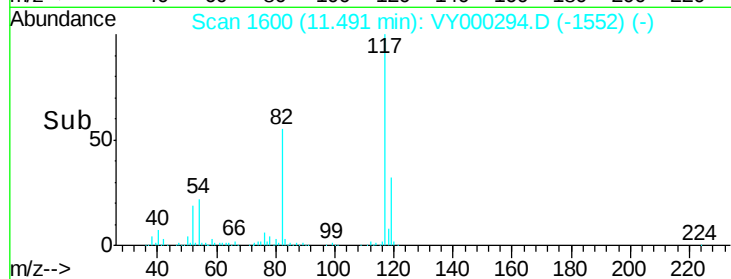
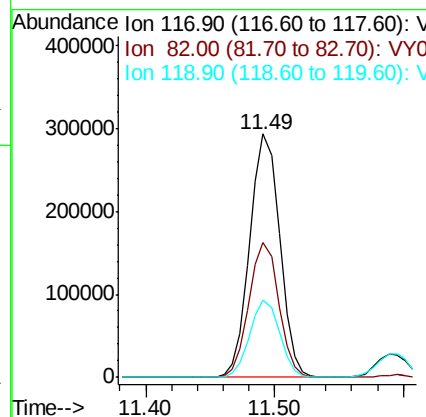
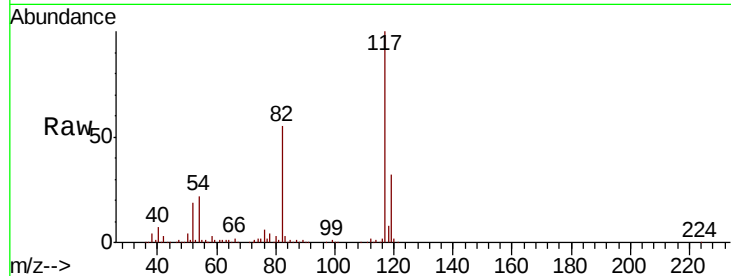
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.7	65.5
119	31.9	26.6	39.8

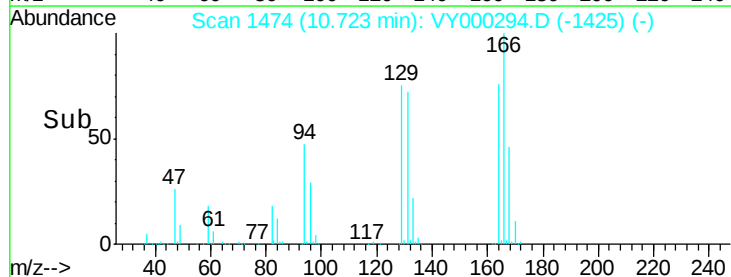
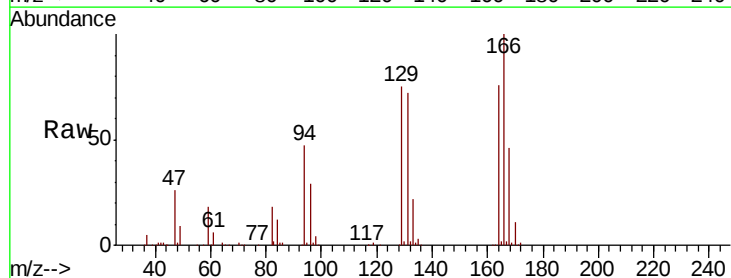
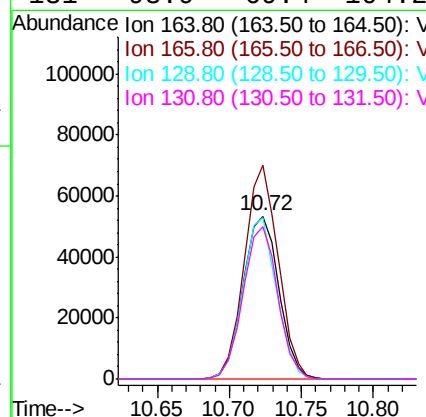
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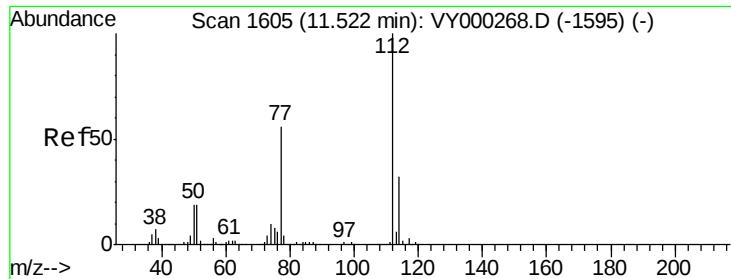
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#64
Tetrachloroethene
Concen: 20.406 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	100.6	151.0
129	99.0	72.8	109.2
131	93.9	69.4	104.2





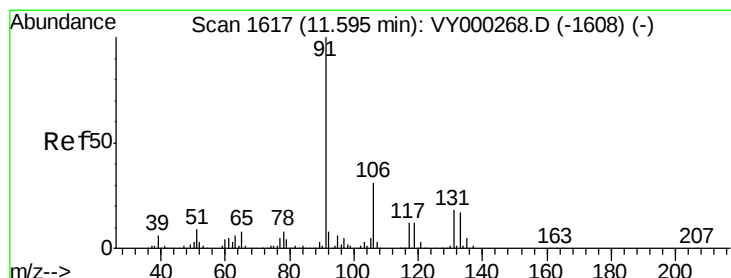
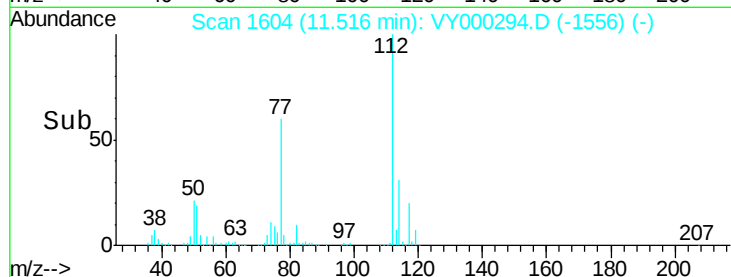
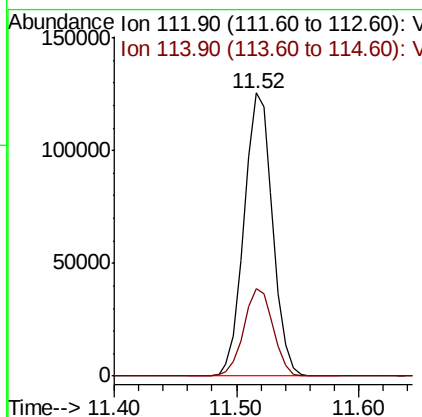
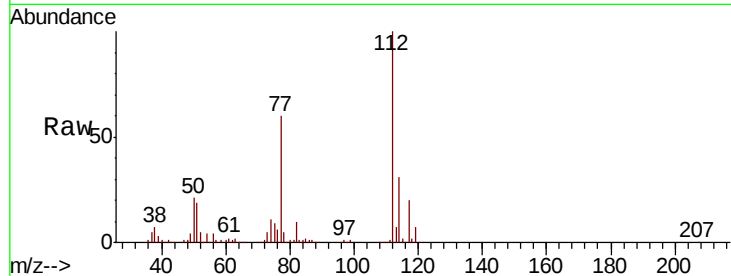
#65
Chlorobenzene
Concen: 20.373 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.7	38.5

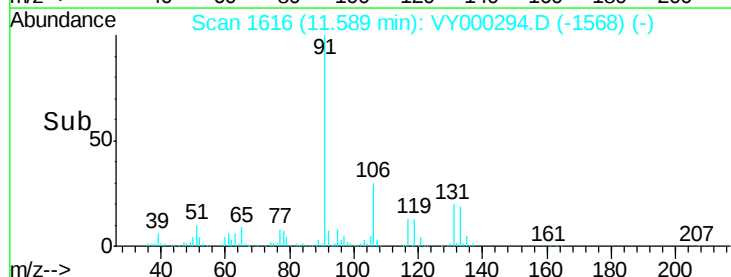
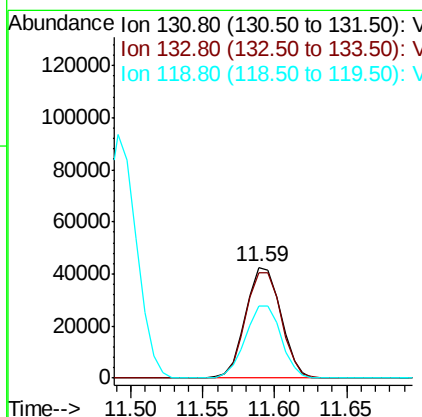
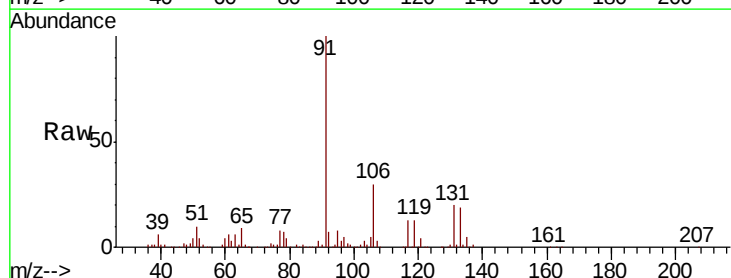
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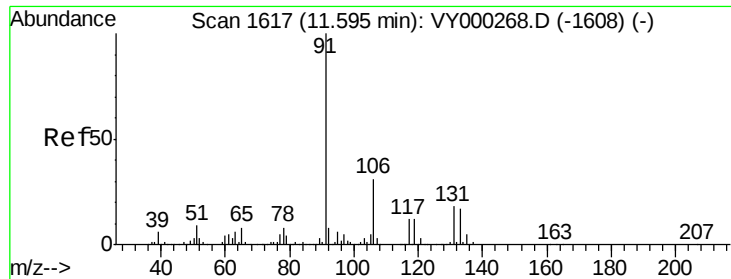
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.701 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.2	141.6
119	66.1	32.6	98.0





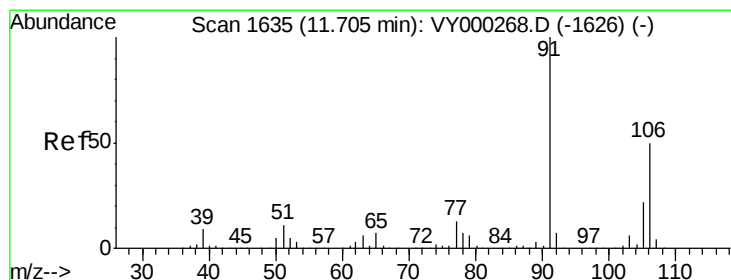
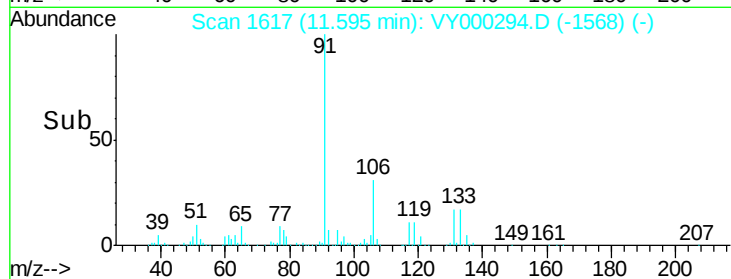
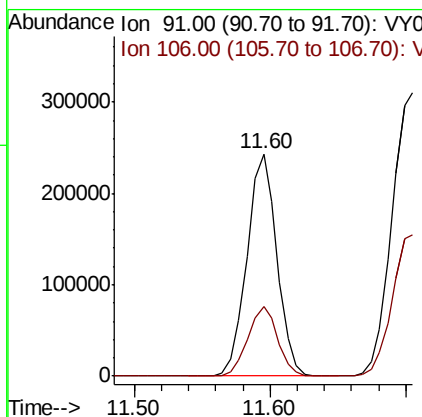
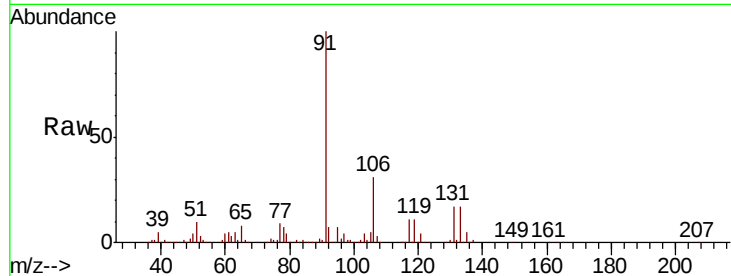
#67
Ethyl Benzene
Concen: 20.305 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion: 91 Resp: 375121
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

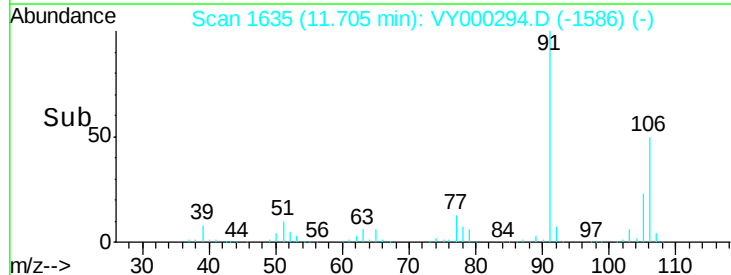
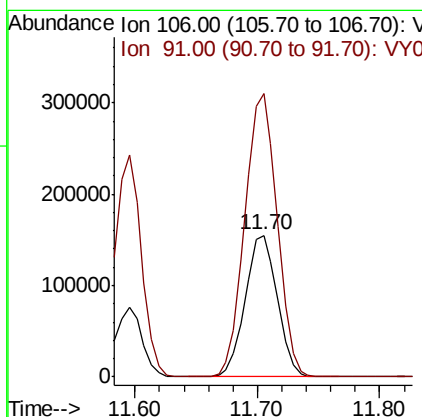
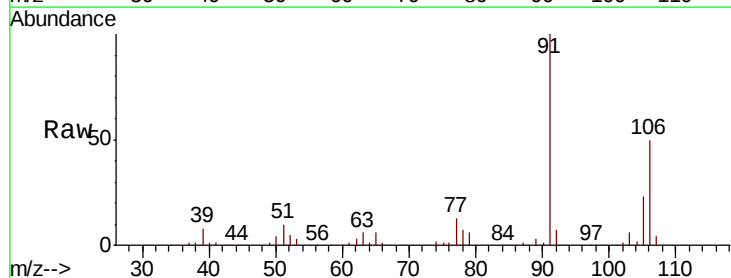
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#68
m/p-Xylenes
Concen: 39.842 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 106 Resp: 281377
Ion Ratio Lower Upper
106 100
91 202.5 157.5 236.3





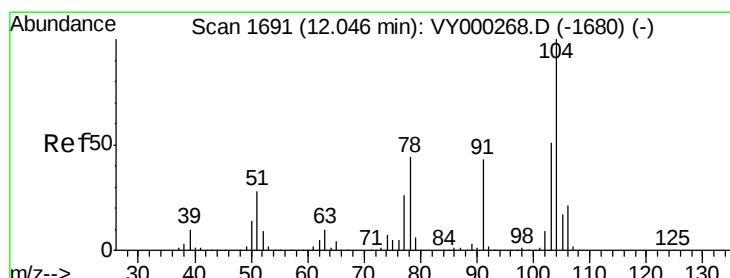
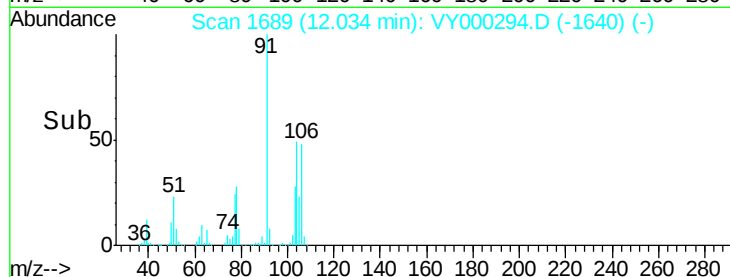
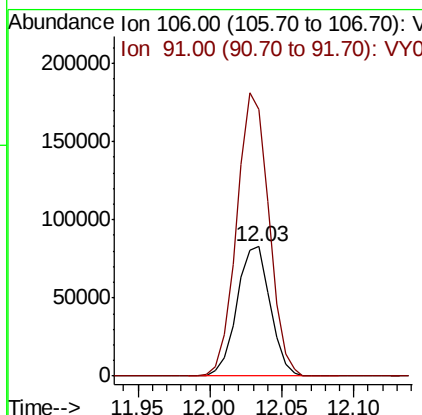
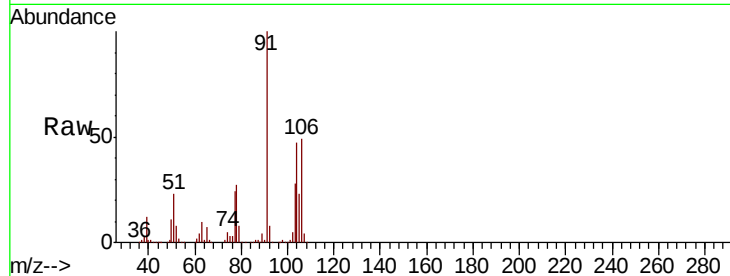
#69
o-Xylene
Concen: 19.715 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.1	104.7	313.9	

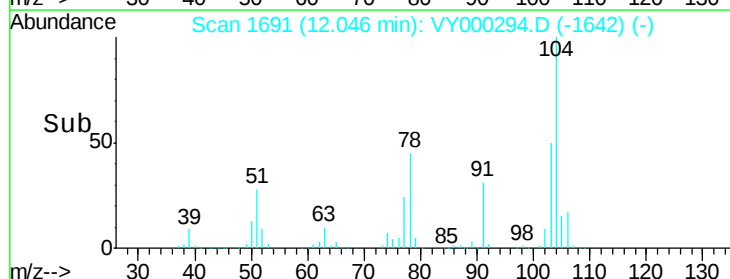
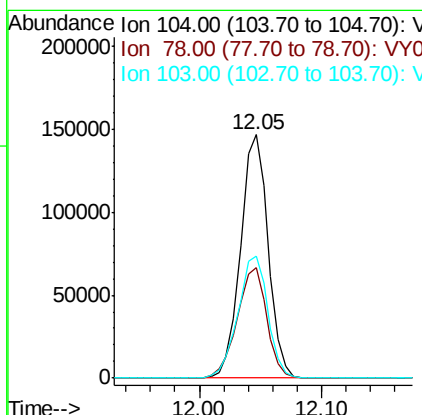
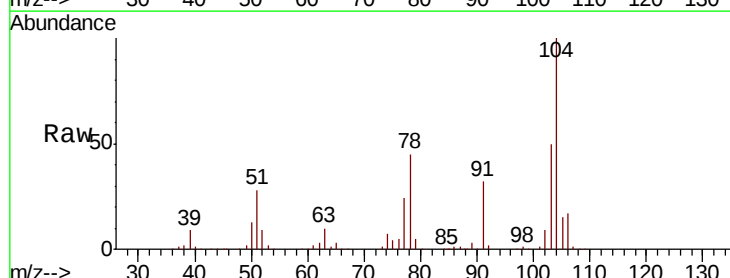
Manual Integrations
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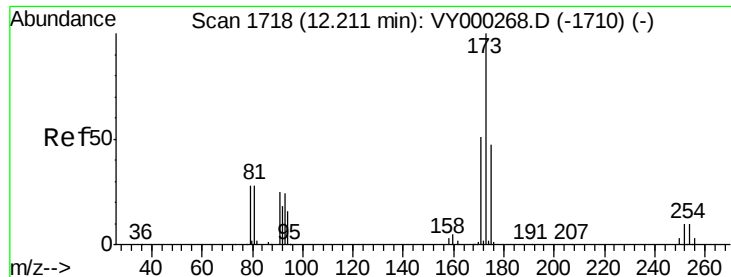
MMDadoda
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#70
Styrene
Concen: 20.132 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.8	39.0	58.6	
103	54.8	43.1	64.7	





#71

Bromoform

Concen: 20.793 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

Tot Ion:173 Resp: 41844

Ion Ratio Lower Upper

173 100

175 50.1 24.6 73.6

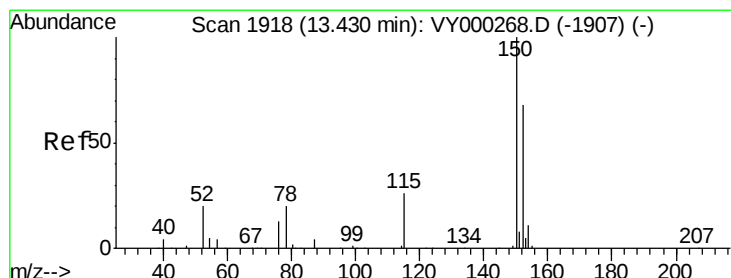
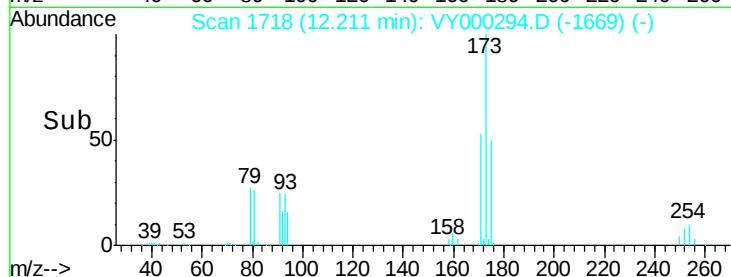
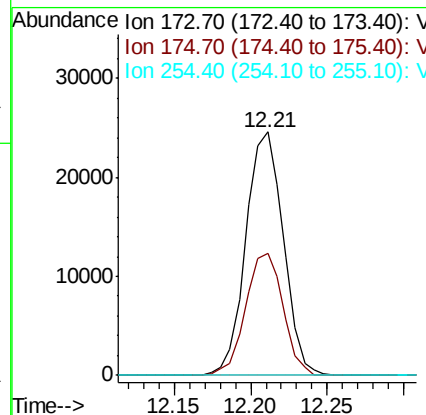
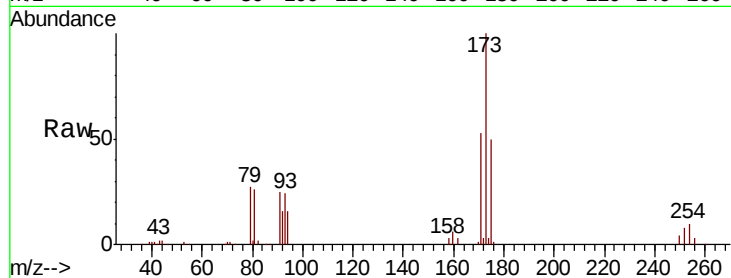
254 0.0 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

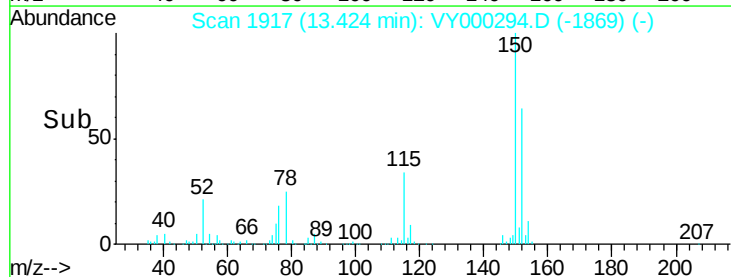
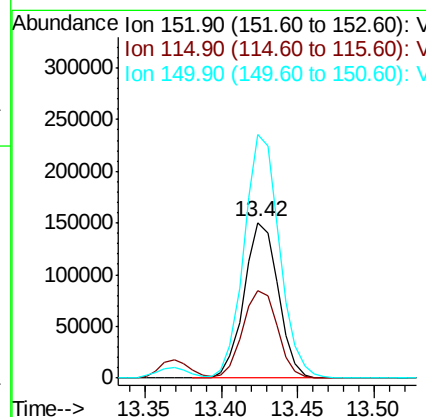
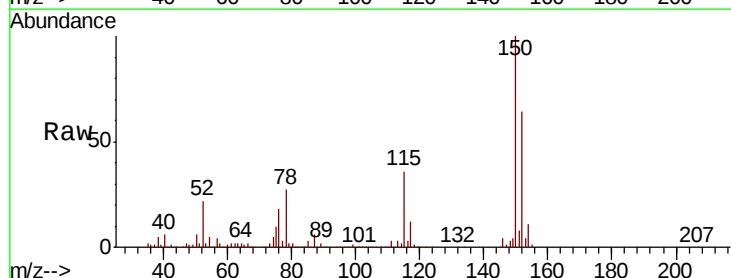
Tgt Ion:152 Resp: 232622

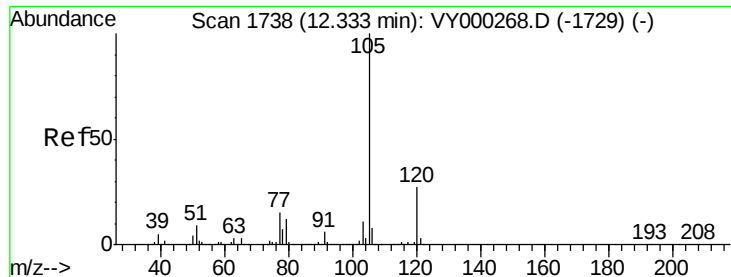
Ion Ratio Lower Upper

152 100

115 57.7 29.3 88.0

150 162.5 0.0 348.4





#73

Isopropylbenzene

Concen: 20.133 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

Tot Ion:105 Resp: 365186

Ion Ratio Lower Upper

105 100

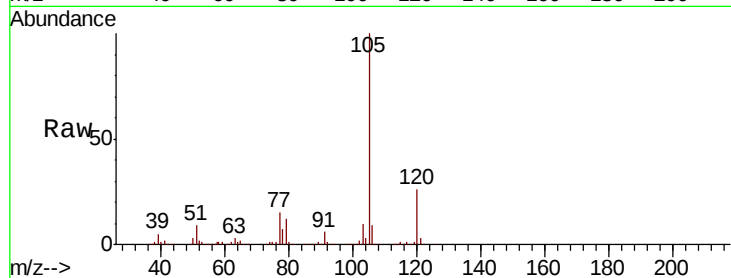
120 26.5 13.4 40.2

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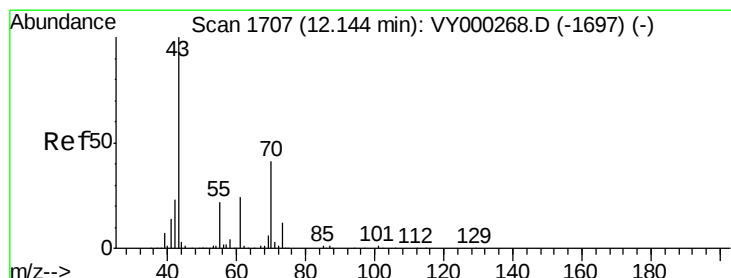
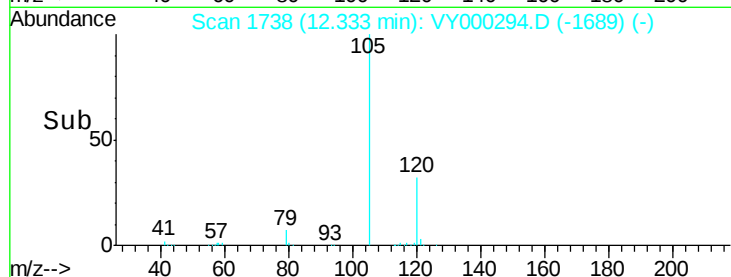
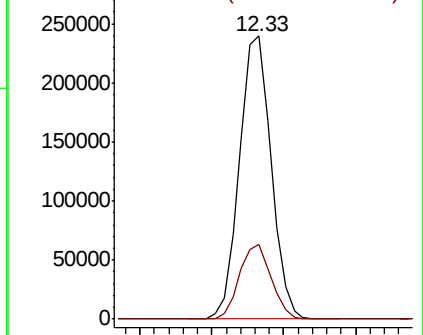
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.086 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Tgt Ion: 43 Resp: 102802

Ion Ratio Lower Upper

43 100

70 43.7 32.9 49.3

55 22.1 17.8 26.6

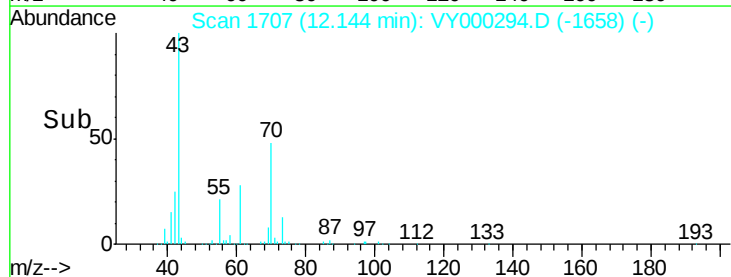
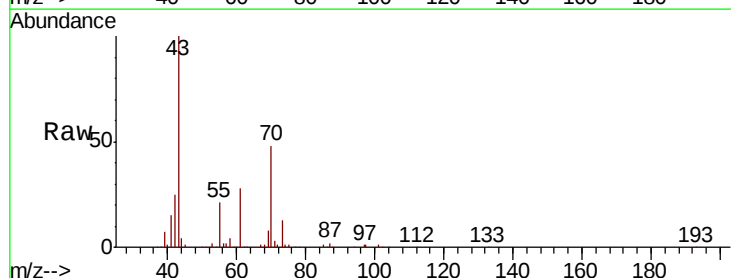
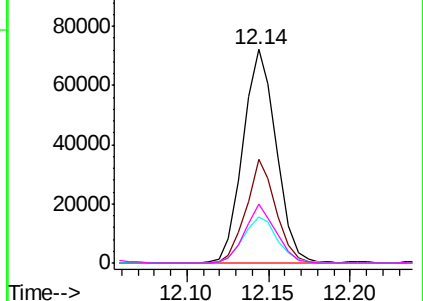
61 25.5 19.5 29.3

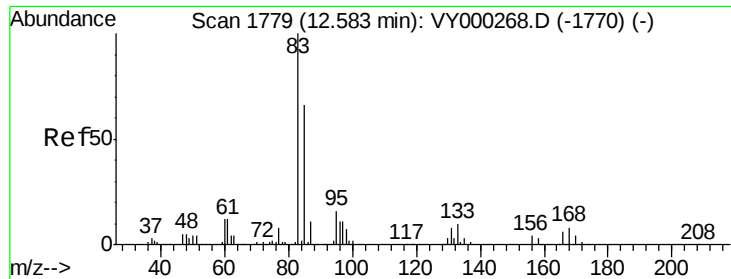
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.183 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

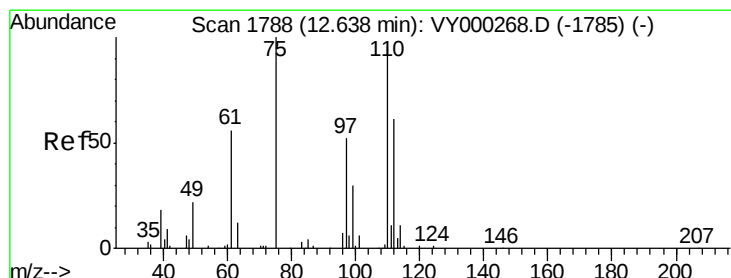
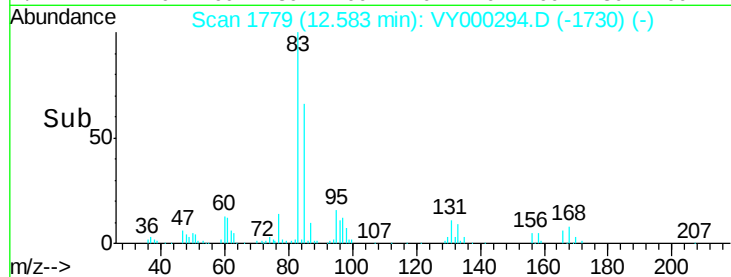
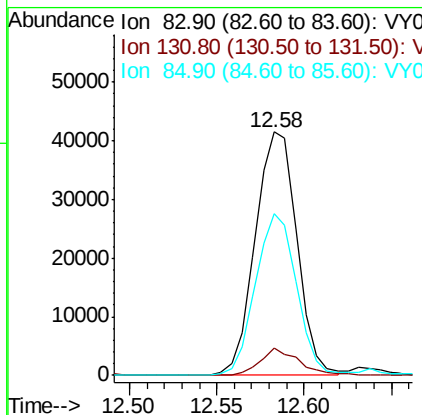
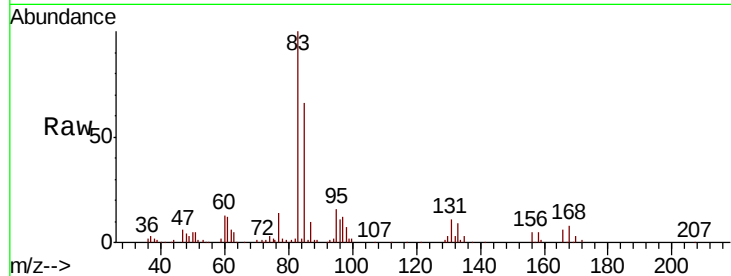
ClientSampleId :

VY1014SBS01

Tot Ion:	83	Resp:	68736
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	65.5	32.9	98.7

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#76

1,2,3-Trichloropropane

Concen: 16.760 ug/l m

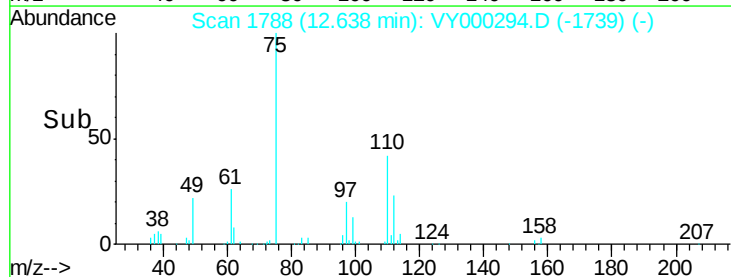
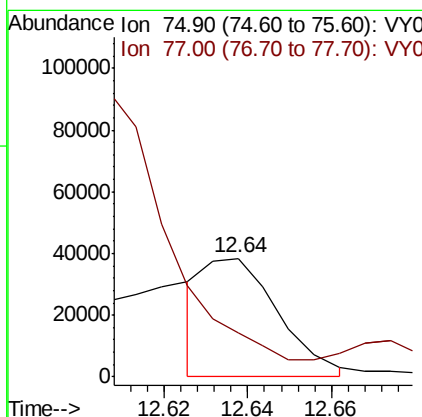
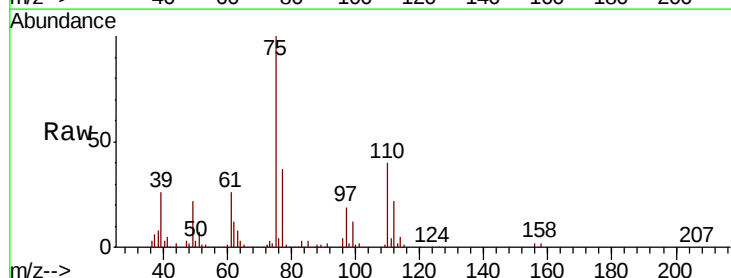
RT: 12.64 min Scan# 1788

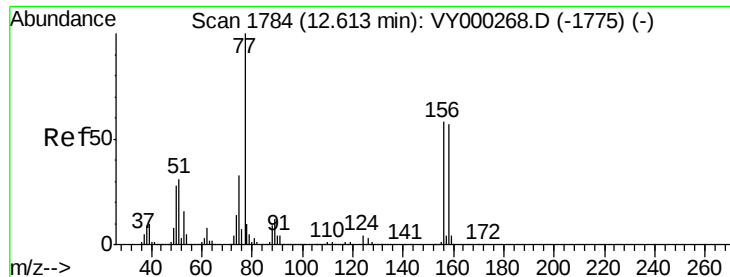
Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Tgt Ion:	75	Resp:	47942
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.127 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

Tot Ion:156 Resp: 81237

Ion Ratio Lower Upper

156 100

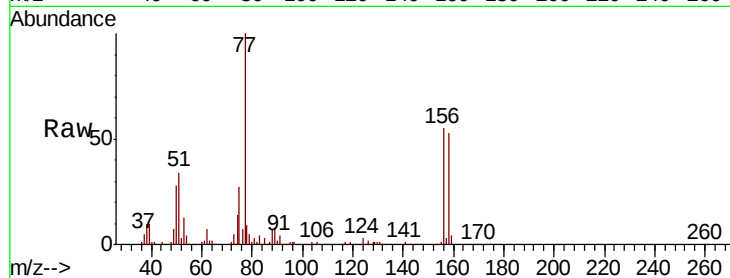
77 201.7 101.0 302.9

158 99.3 49.7 149.1

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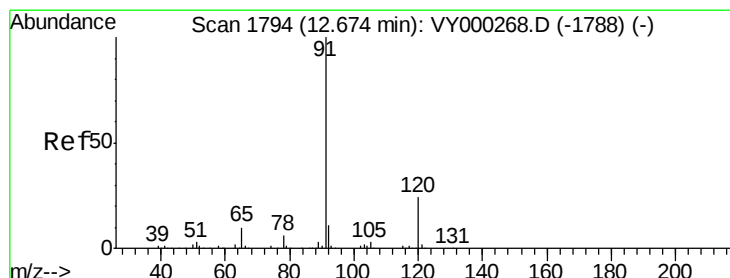
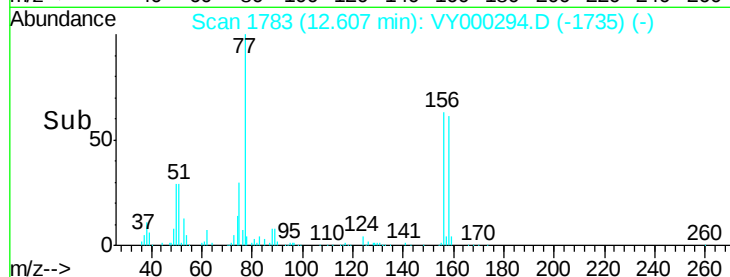
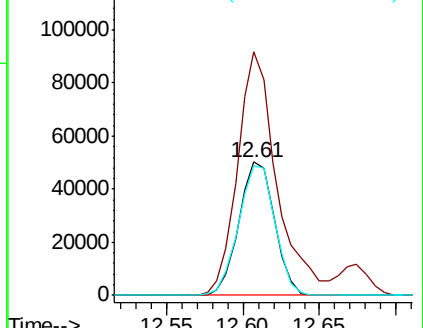
10/16/2019 12:53:11 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.114 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000294.D

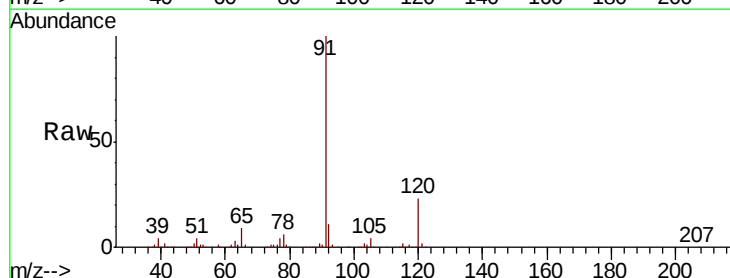
Acq: 14 Oct 2019 13:17

Tgt Ion: 91 Resp: 438041

Ion Ratio Lower Upper

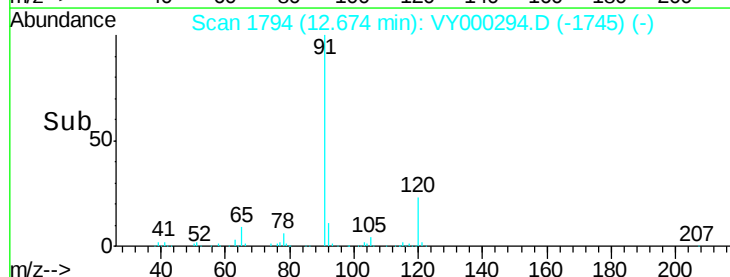
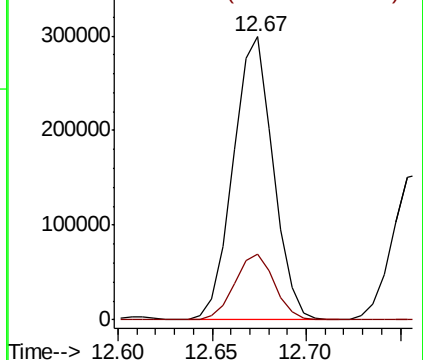
91 100

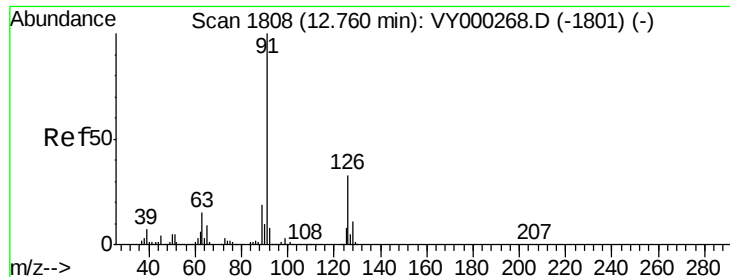
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.242 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

Tot Ion: 91 Resp: 243451

Ion Ratio Lower Upper

91 100

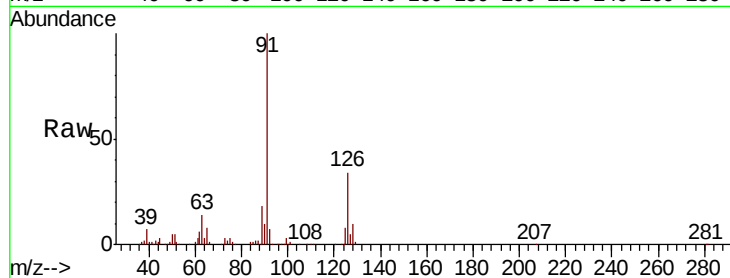
126 34.2 17.1 51.3

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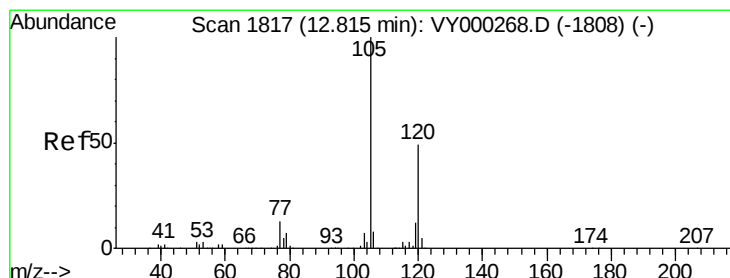
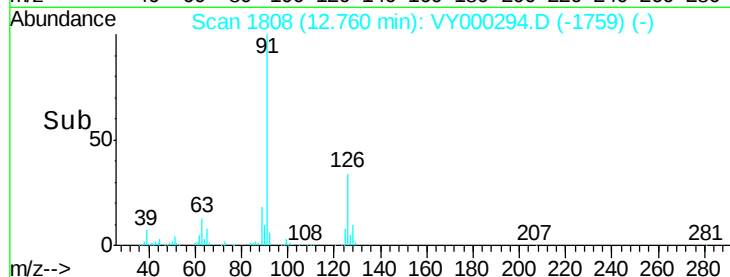
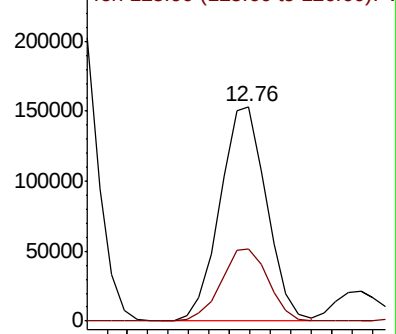
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Abundance Ion 91.00 (90.70 to 91.70): VY000268.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.182 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000294.D

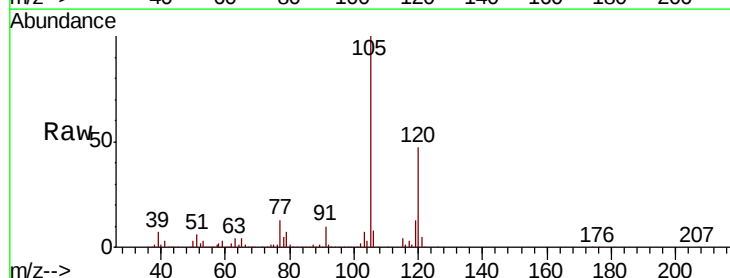
Acq: 14 Oct 2019 13:17

Tgt Ion: 105 Resp: 306956

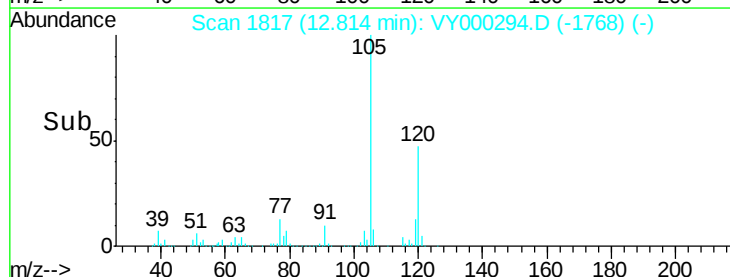
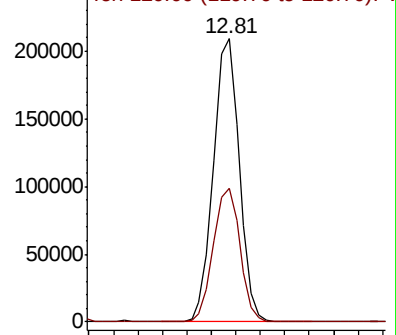
Ion Ratio Lower Upper

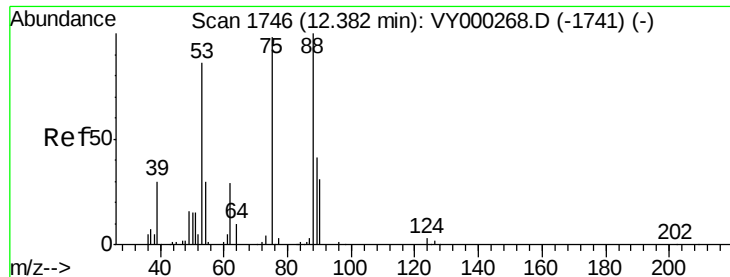
105 100

120 48.9 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000268.D (-1808) (-)





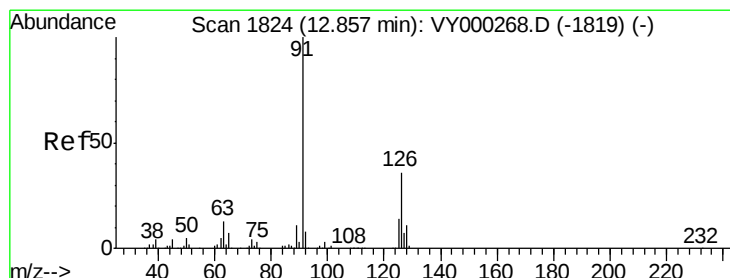
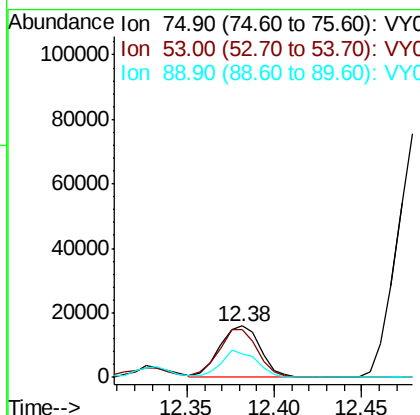
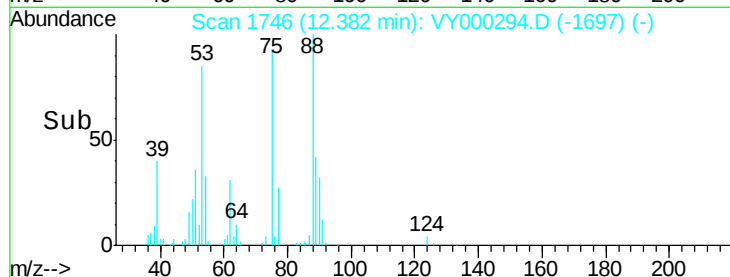
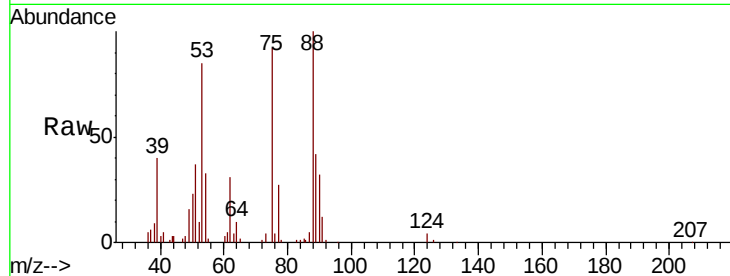
#81
trans-1,4-Dichloro-2-butene
Concen: 19.535 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.3	71.3	106.9
89	47.5	35.1	52.7

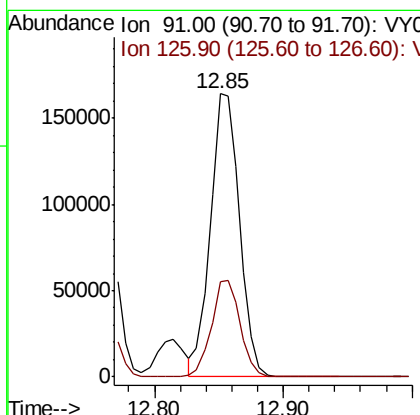
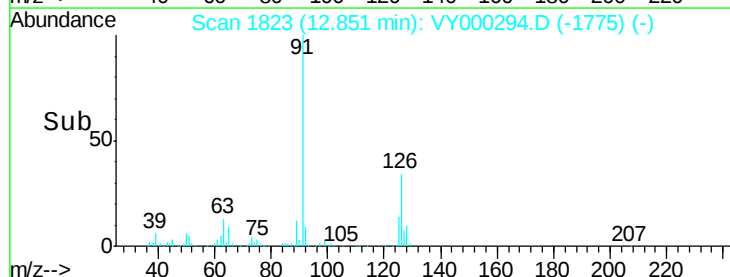
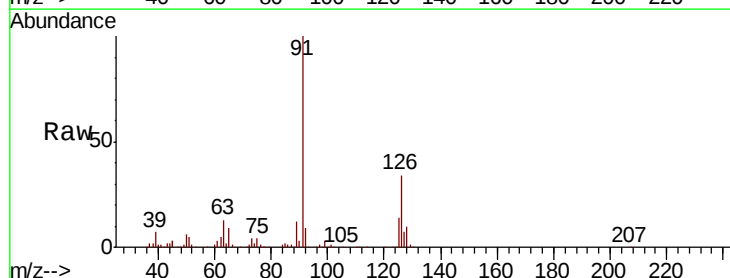
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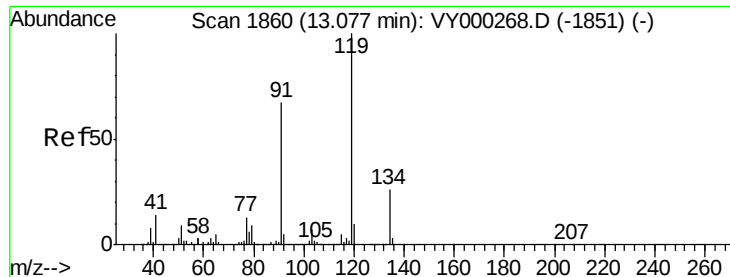
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#82
4-Chlorotoluene
Concen: 20.480 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.5	17.2	51.5





#83

tert-Butylbenzene

Concen: 20.187 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

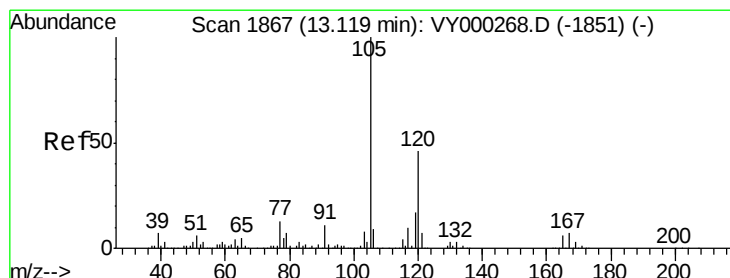
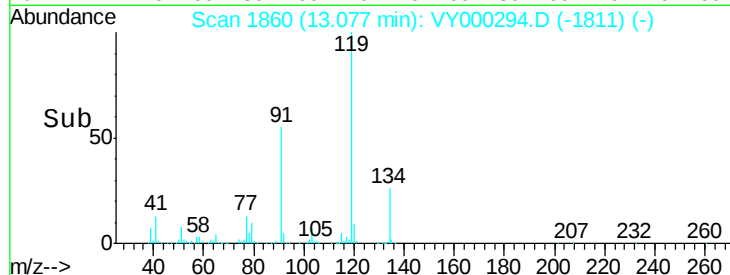
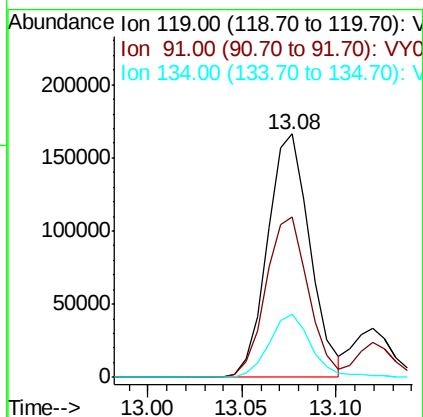
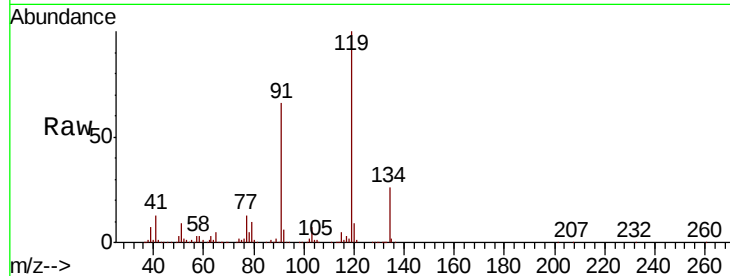
ClientSampleId :

VY1014SBS01

Tot Ion:	119	Resp:	260003
Ion Ratio	Lower	Upper	
119	100		
91	65.8	32.9	98.7
134	26.0	13.3	39.8

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#84

1,2,4-Trimethylbenzene

Concen: 20.464 ug/l

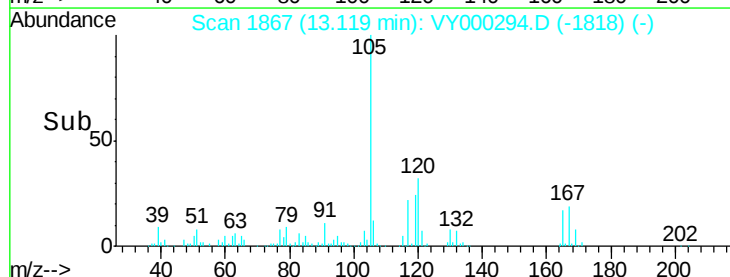
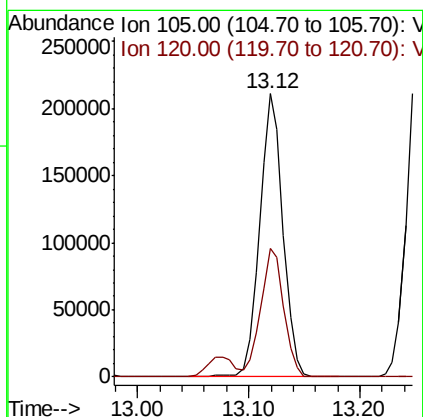
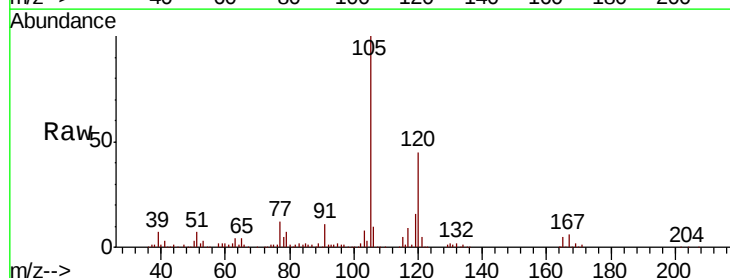
RT: 13.12 min Scan# 1867

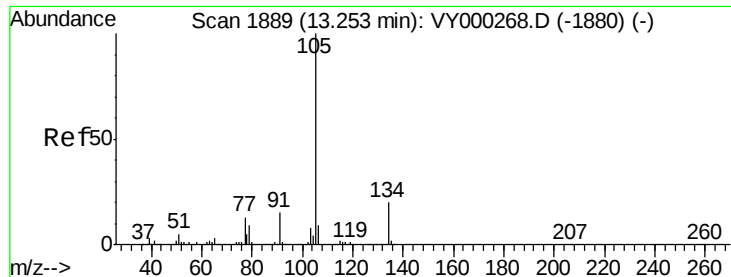
Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Tgt Ion:	105	Resp:	307190
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.9	68.8





#85

sec-Butylbenzene

Concen: 20.111 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY1014SBS01

Tot Ion:105 Resp: 374722

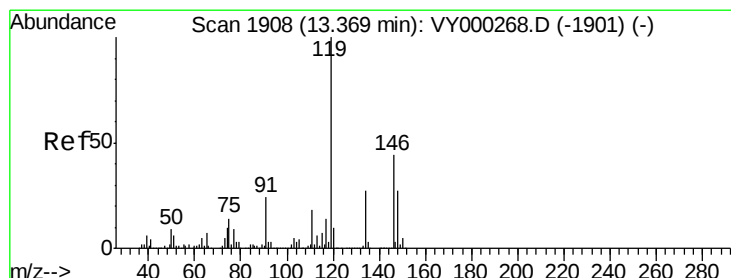
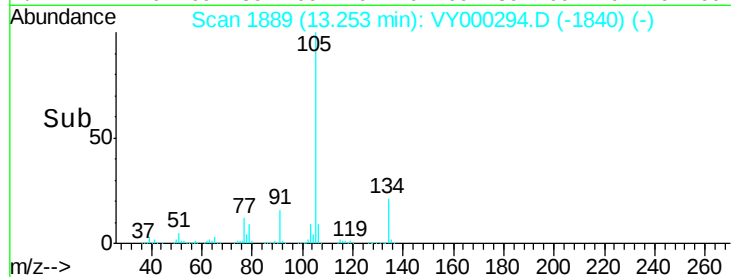
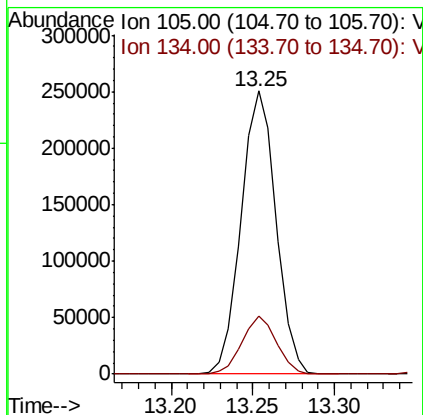
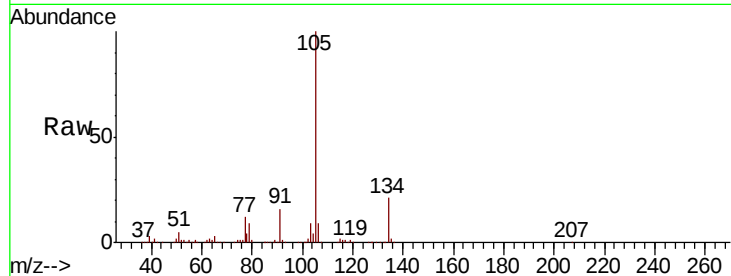
Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 20.382 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

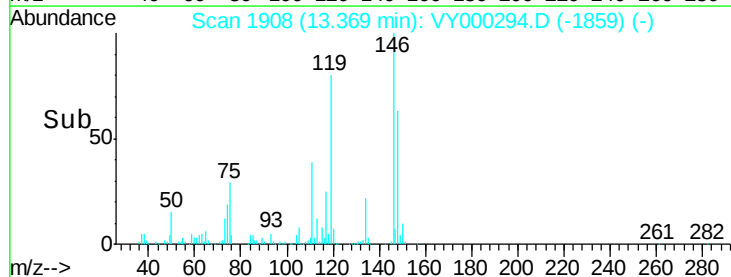
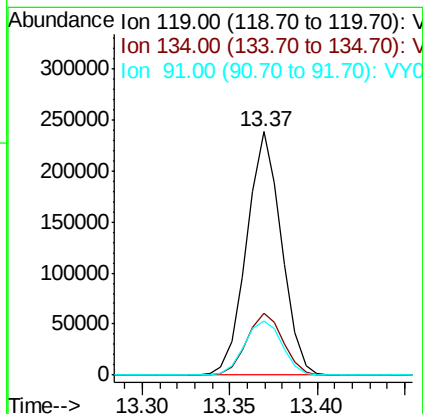
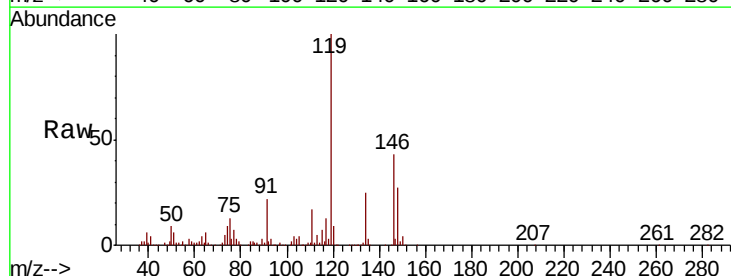
Tgt Ion:119 Resp: 331091

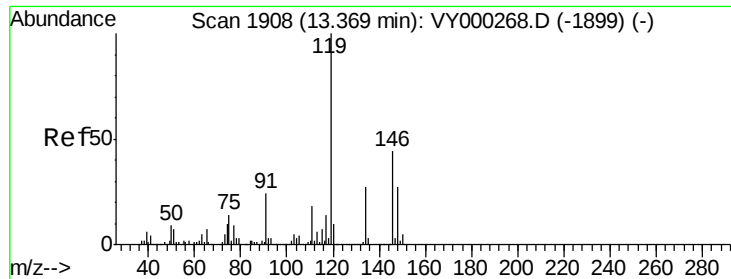
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 24.0 12.0 36.1





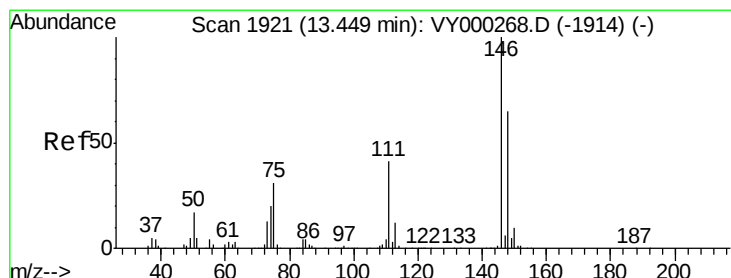
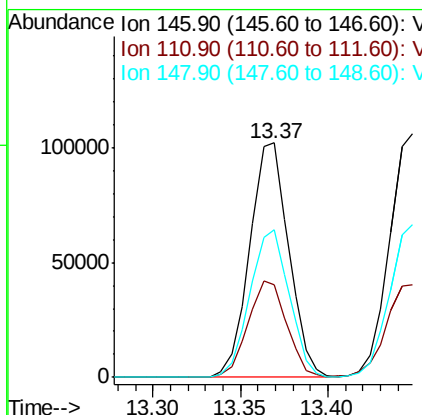
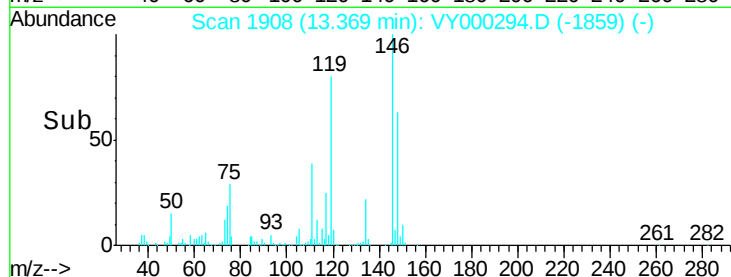
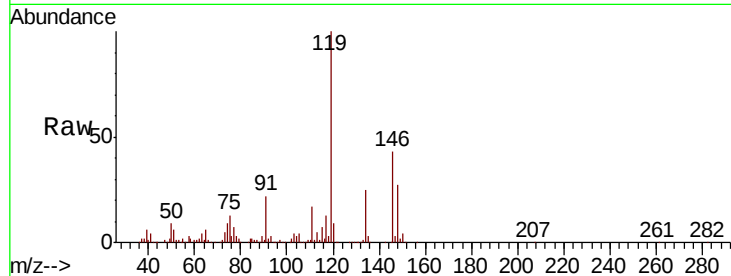
#87
 1,3-Dichlorobenzene
 Concen: 20.015 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.8
148	63.2	31.9	95.5

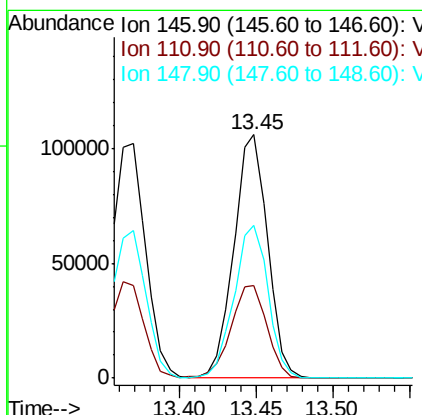
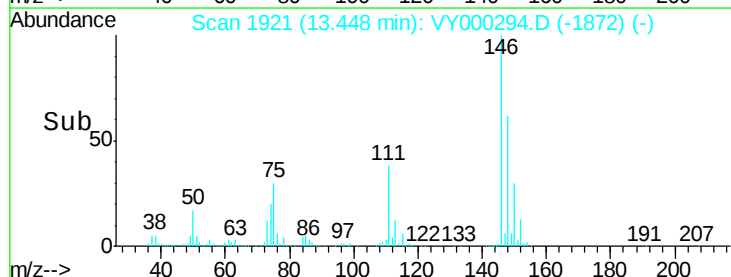
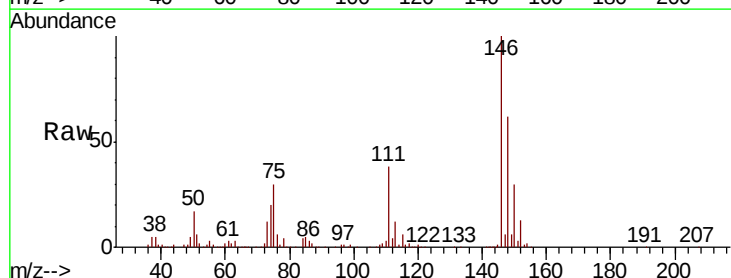
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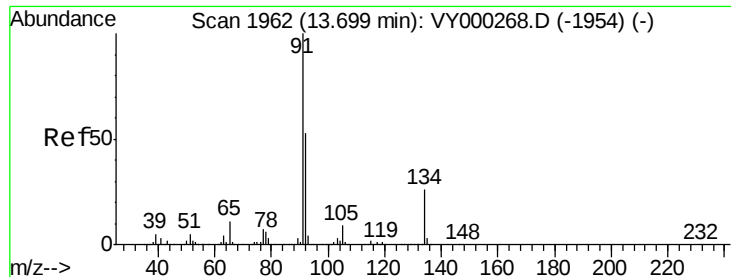
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#88
 1,4-Dichlorobenzene
 Concen: 20.341 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.1	60.2
148	63.6	32.4	97.2





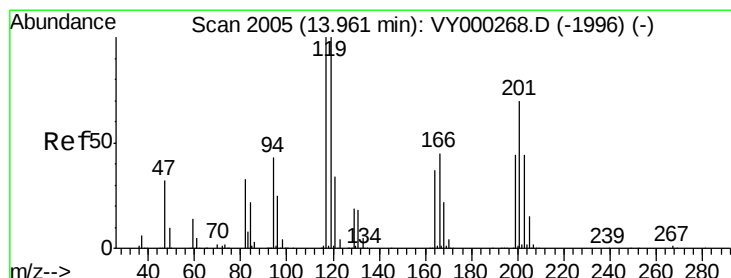
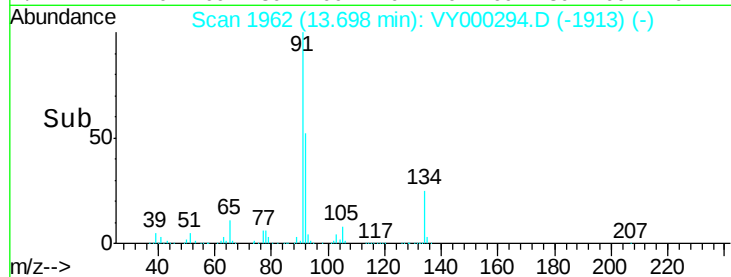
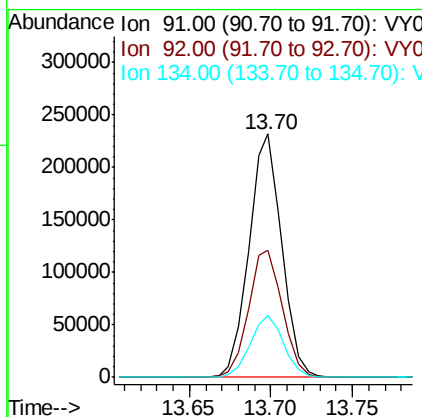
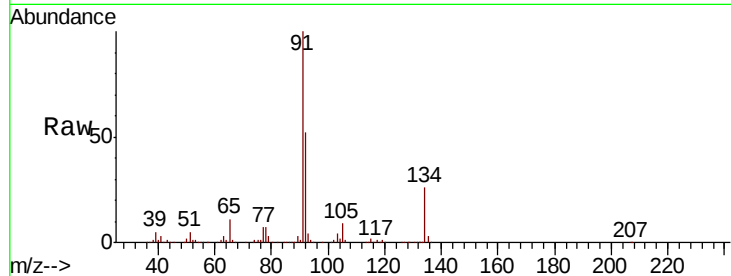
#89
n-Butylbenzene
Concen: 20.146 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.7	80.1
134	25.7	13.0	38.9

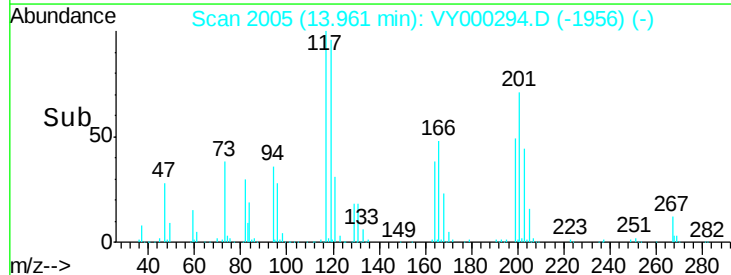
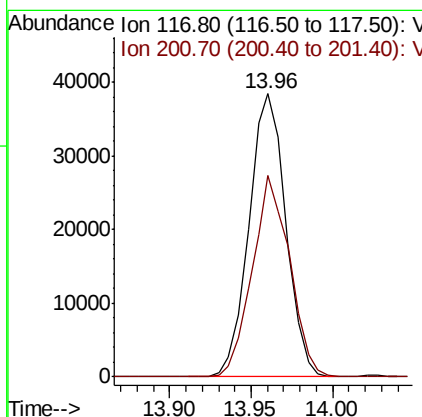
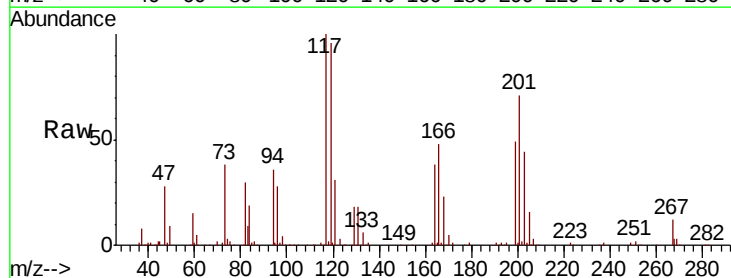
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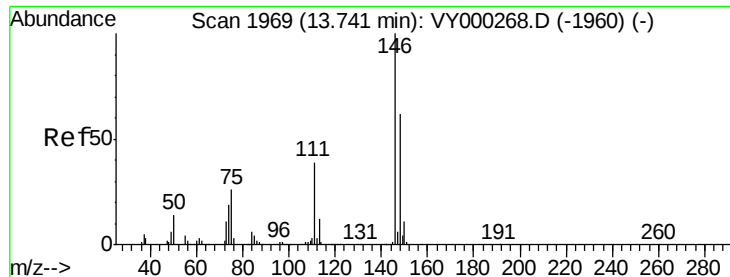
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#90
Hexachloroethane
Concen: 20.057 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.8	36.3	108.7





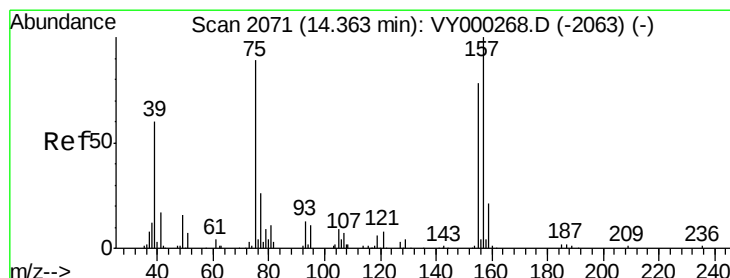
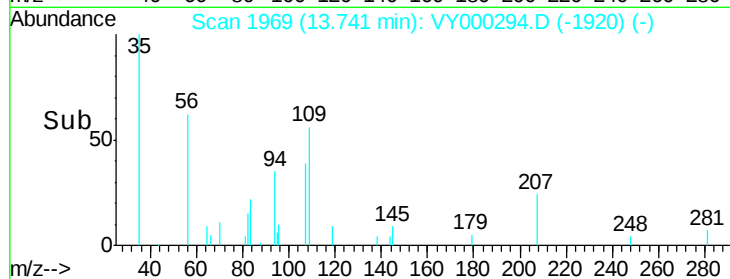
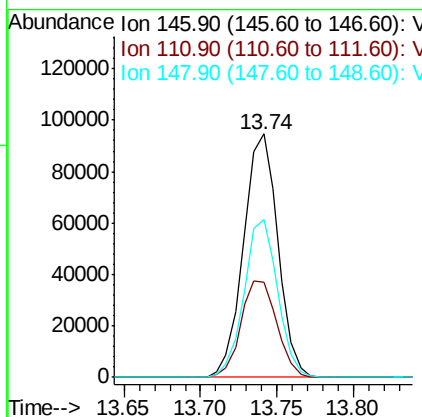
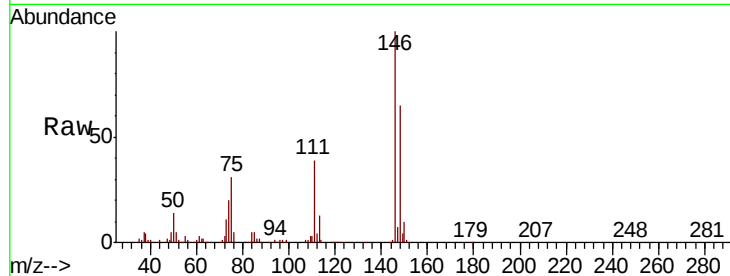
#91
 1,2-Dichlorobenzene
 Concen: 20.560 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.5
148	63.1	31.6	95.0

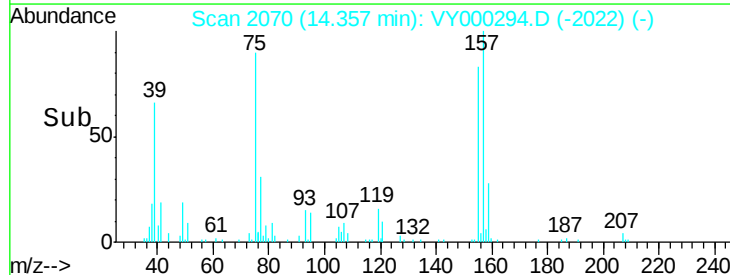
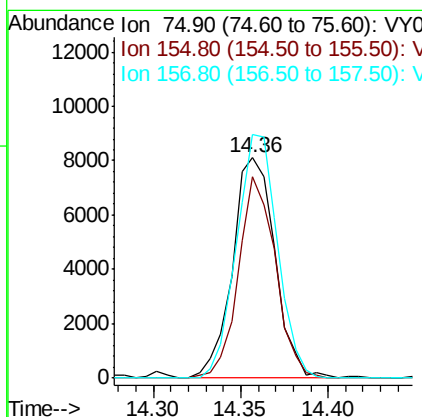
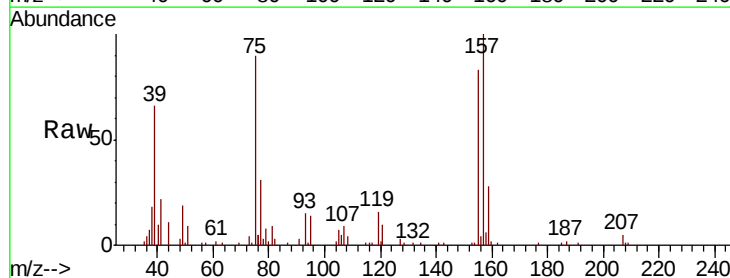
Manual Integrations
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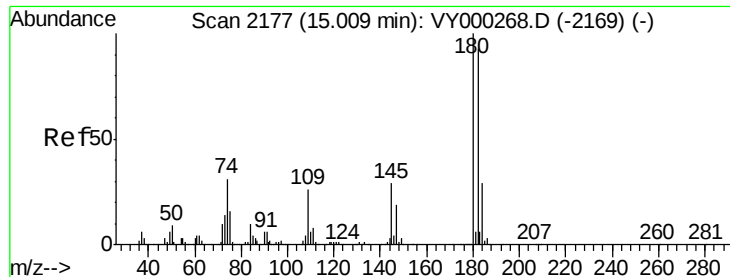
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.172 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.5	45.8	137.3
157	106.8	55.6	166.9





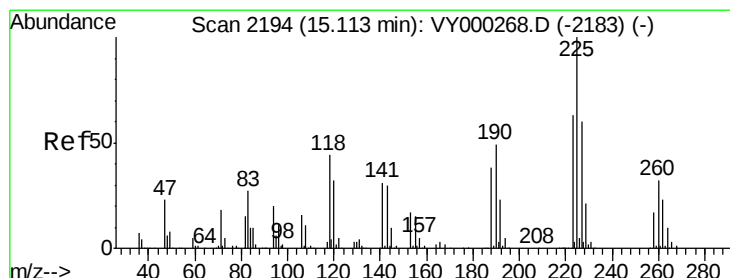
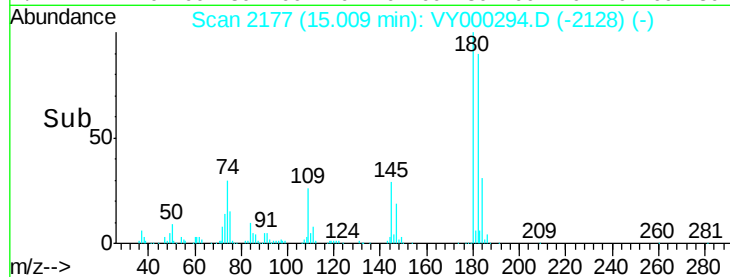
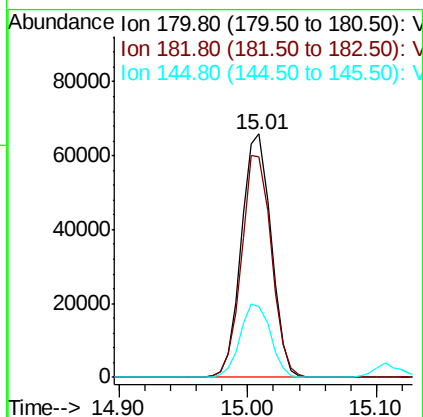
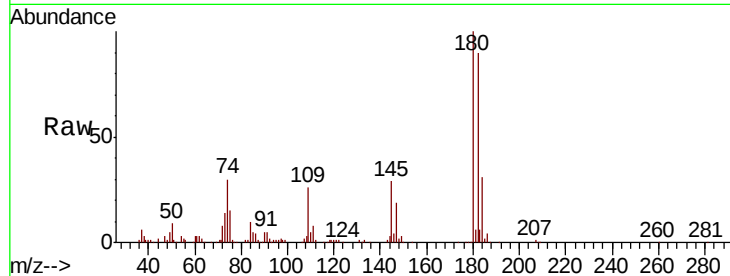
#93
 1,2,4-Trichlorobenzene
 Concen: 20.949 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	91.6	47.5	142.6	
145	31.0	15.4	46.1	

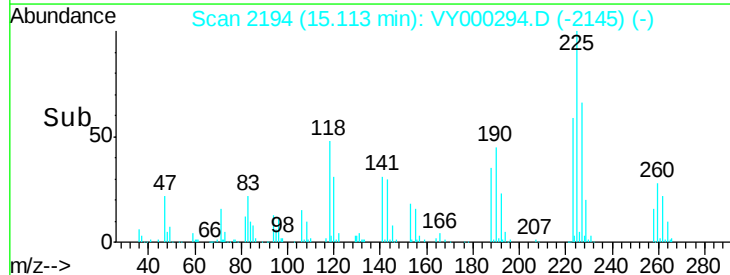
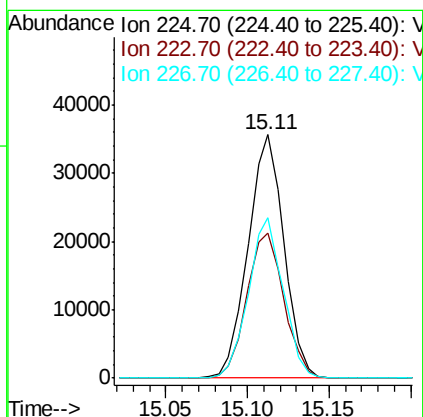
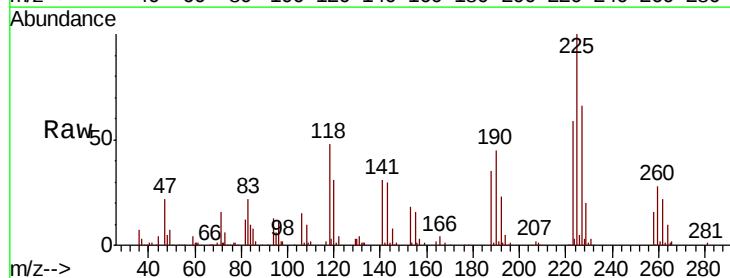
Manual Integrations
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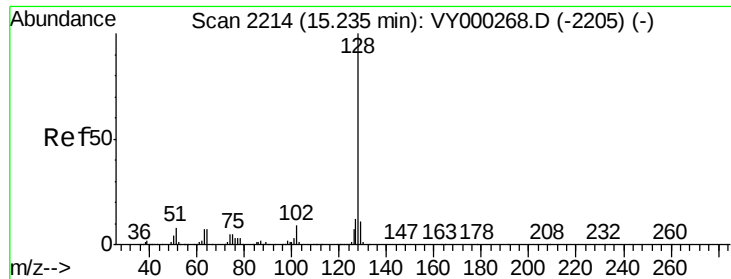
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#94
 Hexachlorobutadiene
 Concen: 20.069 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	31.9	95.7	
227	64.1	31.4	94.2	





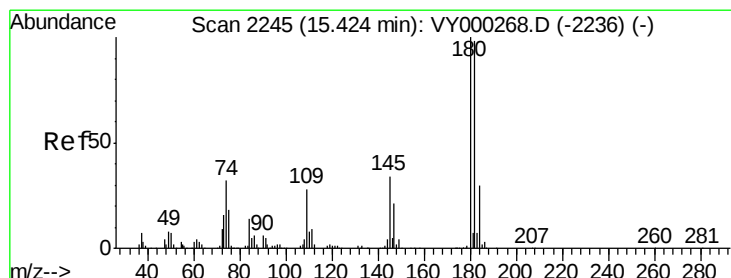
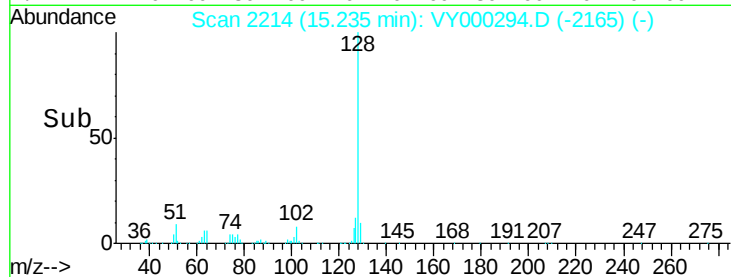
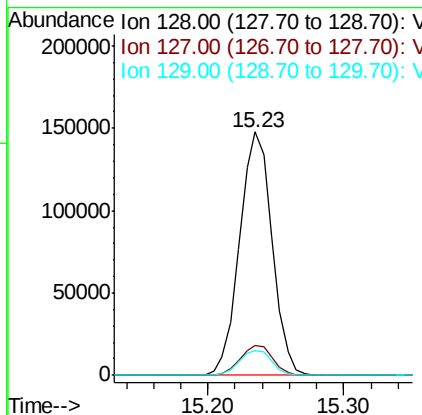
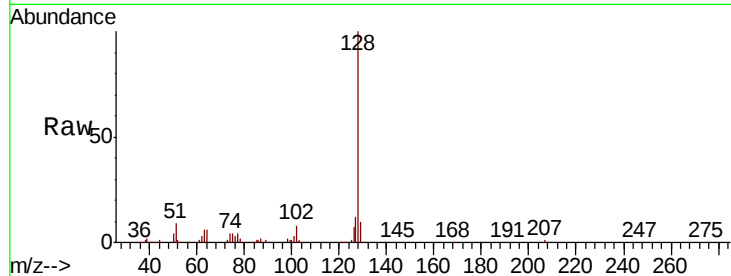
#95
Naphthalene
Concen: 21.995 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.6	14.4
129	10.6	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.673 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.5	139.5
145	32.9	16.2	48.5

