

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031320\
 Data File : VX015270.D
 Acq On : 13 Mar 2020 19:06
 Operator : JC/SP
 Sample : L1903-13MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:07:28 PM

Quant Time: Mar 16 16:31:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	231807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	352224	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	327489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	175573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135666	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	5.49	113	115729	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	8.71	98	443310	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.13	95	165632	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	91819	45.234	ug/l	98
3) Chloromethane	1.32	50	119364	41.513	ug/l	100
4) Vinyl Chloride	1.40	62	124471	42.691	ug/l	99
5) Bromomethane	1.64	94	80016	44.640	ug/l	100
6) Chloroethane	1.72	64	79347	45.368	ug/l	97
7) Trichlorofluoromethane	1.92	101	161421	46.529	ug/l	94
8) Diethyl Ether	2.18	74	72099	45.884	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	111974	51.301	ug/l	98
10) Methyl Iodide	2.50	142	111779	45.329	ug/l	99
11) Tert butyl alcohol	3.05	59	138912	291.135	ug/l	99
12) 1,1-Dichloroethene	2.37	96	107960	47.926	ug/l	98
13) Acrolein	2.28	56	114556	255.478	ug/l	97
14) Allyl chloride	2.72	41	204570	52.082	ug/l	93
15) Acrylonitrile	3.13	53	335179	282.073	ug/l	99
16) Acetone	2.44	43	272616	244.776	ug/l	97
17) Carbon Disulfide	2.56	76	280235	44.796	ug/l	99
18) Methyl Acetate	2.76	43	142345	52.270	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	372064	52.855	ug/l	98
20) Methylene Chloride	2.85	84	125328	48.084	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	116425	48.403	ug/l	98
22) Diisopropyl ether	3.84	45	420310	53.710	ug/l	96
23) Vinyl Acetate	3.81	43	1668563	259.389	ug/l	99
24) 1,1-Dichloroethane	3.69	63	223218	51.395	ug/l	99
25) 2-Butanone	4.66	43	455414	279.308	ug/l	98
26) 2,2-Dichloropropane	4.57	77	148192	42.981	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	150694	55.845	ug/l	97
28) Bromochloromethane	5.00	49	104867	53.024	ug/l	97
29) Tetrahydrofuran	5.12	42	303696	288.947	ug/l	96
30) Chloroform	5.20	83	220139	52.003	ug/l	95
31) Cyclohexane	5.57	56	192869	49.785	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	177690	50.637	ug/l	99
36) 1,1-Dichloropropene	5.79	75	159211	48.895	ug/l	100
37) Ethyl Acetate	4.82	43	172463	57.099	ug/l	98
38) Carbon Tetrachloride	5.78	117	153641	49.988	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187429	49.296	ug/l	99
40) Benzene	6.14	78	496466	51.391	ug/l	100
41) Methacrylonitrile	5.03	41	102338	56.408	ug/l	96
42) 1,2-Dichloroethane	6.18	62	164355	49.541	ug/l	99
43) Isopropyl Acetate	6.43	43	285322	53.697	ug/l	99
44) Trichloroethene	7.21	130	734173	272.885	ug/l	99
45) 1,2-Dichloropropane	7.51	63	133439	53.364	ug/l	98
46) Dibromomethane	7.65	93	83716	51.381	ug/l	97
47) Bromodichloromethane	7.89	83	167402	51.956	ug/l	97
48) Methyl methacrylate	7.76	41	147725	54.624	ug/l	97
49) 1,4-Dioxane	7.73	88	66529	1137.791	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	912946	290.593	ug/l	100
52) Toluene	8.78	92	315157	53.355	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	179001	52.195	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	200895	51.817	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	127833	52.580	ug/l	97
56) Ethyl methacrylate	9.17	69	197031	56.817	ug/l	97
57) 1,3-Dichloropropane	9.37	76	211930	51.814	ug/l	98
59) 2-Hexanone	9.48	43	682944	293.291	ug/l	100
60) Dibromochloromethane	9.57	129	134911	52.825	ug/l	98
61) 1,2-Dibromoethane	9.67	107	130480	51.096	ug/l	99
64) Tetrachloroethene	9.33	164	180704	66.737	ug/l	98
65) Chlorobenzene	10.14	112	331228	50.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	125266	50.527	ug/l	99
67) Ethyl Benzene	10.25	91	584097	52.316	ug/l	99
68) m/p-Xylenes	10.35	106	448673	105.625	ug/l	100
69) o-Xylene	10.69	106	213685	52.542	ug/l	99
70) Stvrene	10.71	104	379030	54.355	ug/l	100
71) Bromoform	10.85	173	106038	55.156	ug/l #	99
73) Isopropylbenzene	11.01	105	577783	51.515	ug/l	100
74) N-amyl acetate	10.89	43	238166	50.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	185765	49.699	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	180573m	51.561	ug/l	
77) Bromobenzene	11.25	156	151156	48.359	ug/l	99
78) n-propylbenzene	11.35	91	663752	51.801	ug/l	100
79) 2-Chlorotoluene	11.42	91	386437	50.500	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	481747	51.597	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	59512	48.226	ug/l	99
82) 4-Chlorotoluene	11.51	91	450141	49.791	ug/l	99
83) tert-Butylbenzene	11.76	119	463108	51.298	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	488462	52.077	ug/l	99
85) sec-Butylbenzene	11.94	105	565958	51.931	ug/l	100
86) p-Isopropyltoluene	12.06	119	524568	52.244	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275907	50.212	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	276721	48.779	ug/l	99
89) n-Butylbenzene	12.39	91	463022	51.849	ug/l	99
90) Hexachloroethane	12.59	117	91407	48.154	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	273279	50.024	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40959	54.723	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	201219	53.063	ug/l	99

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ClientSampleId :
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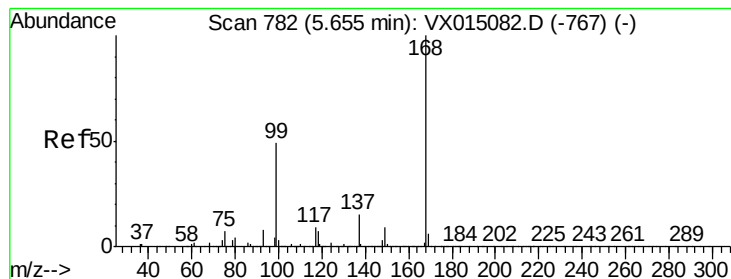
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	93862	48.236	ug/l	99
95) Naphthalene	13.83	128	588224	50.597	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	205967	54.438	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

Tot Ion:168 Resp: 231807

Ion Ratio Lower Upper

168 100

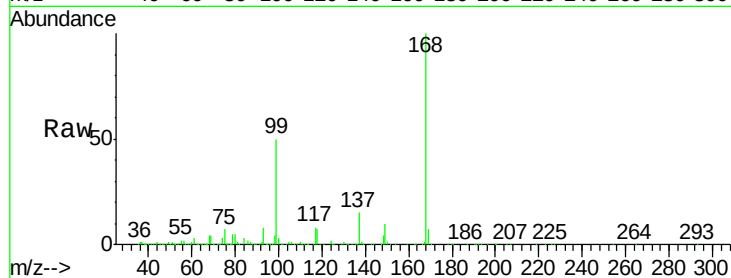
99 49.6 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

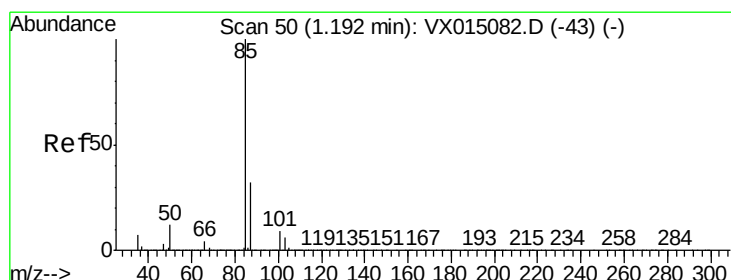
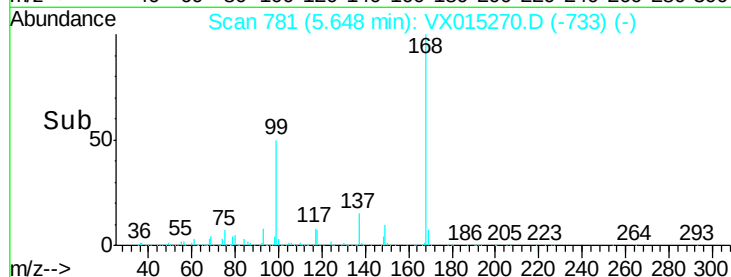
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.234 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015270.D

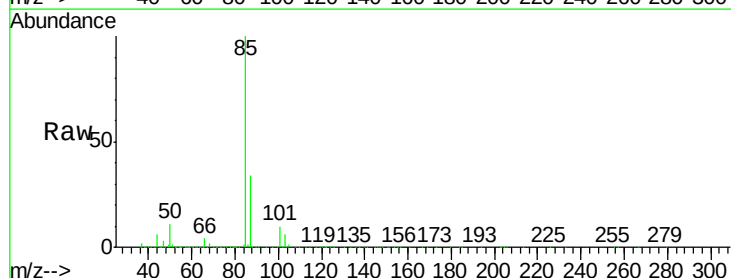
Acq: 13 Mar 2020 19:06

Tgt Ion: 85 Resp: 91819

Ion Ratio Lower Upper

85 100

87 33.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

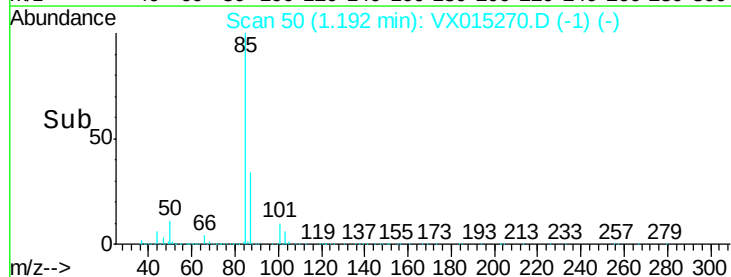
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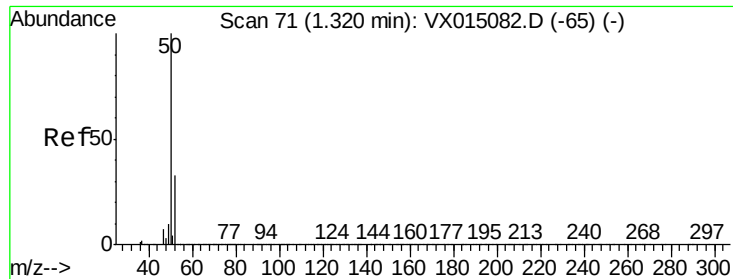
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20000

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Time-->





#3

Chloromethane

Concen: 41.513 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

Tot Ion: 50 Resp: 119364

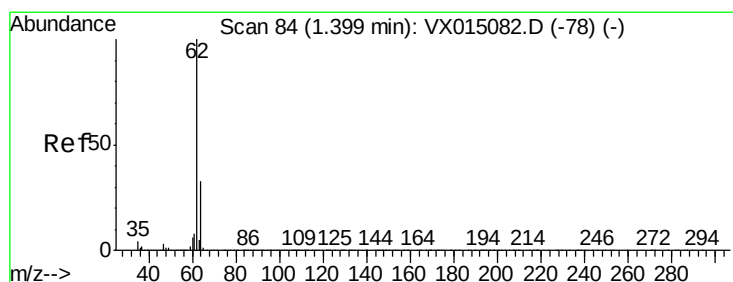
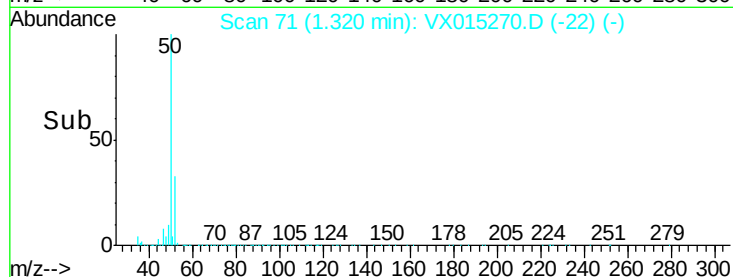
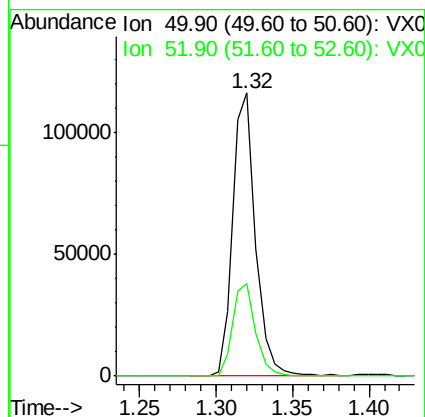
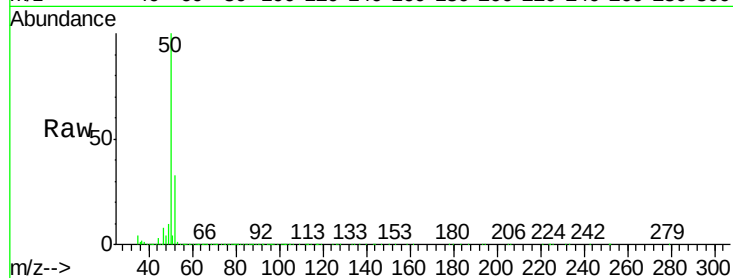
Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2

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#4

Vinyl Chloride

Concen: 42.691 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015270.D

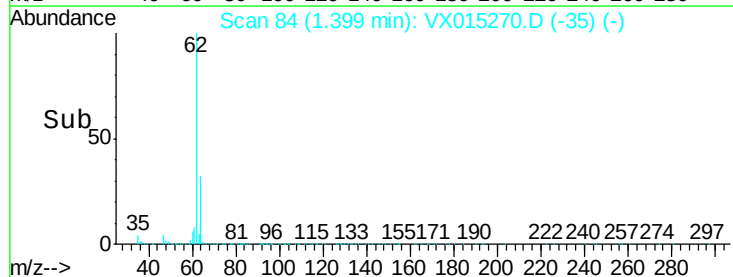
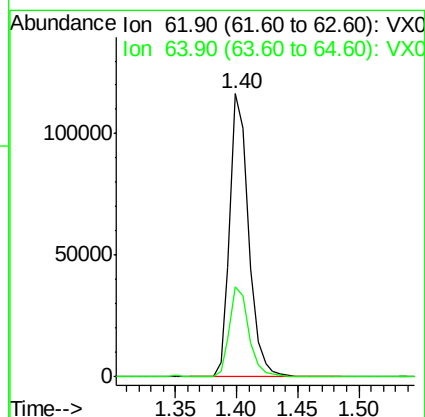
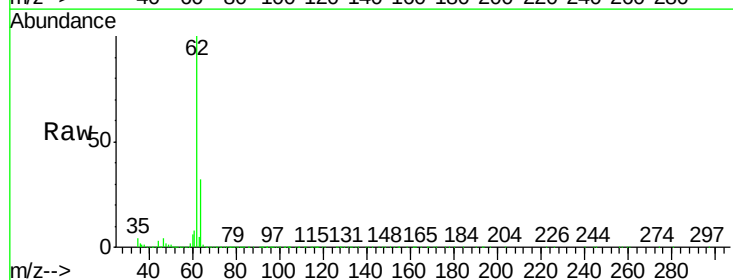
Acq: 13 Mar 2020 19:06

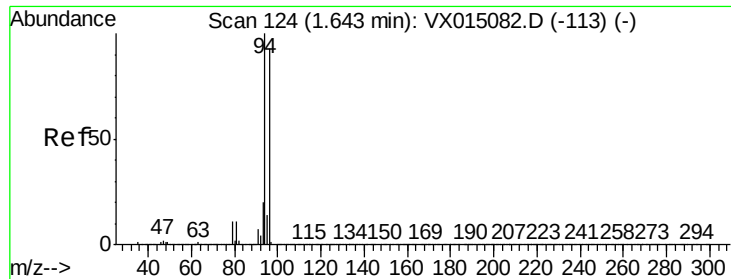
Tgt Ion: 62 Resp: 124471

Ion Ratio Lower Upper

62 100

64 31.8 26.1 39.1





#5

Bromomethane

Concen: 44.640 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

Tot Ion: 94 Resp: 80016

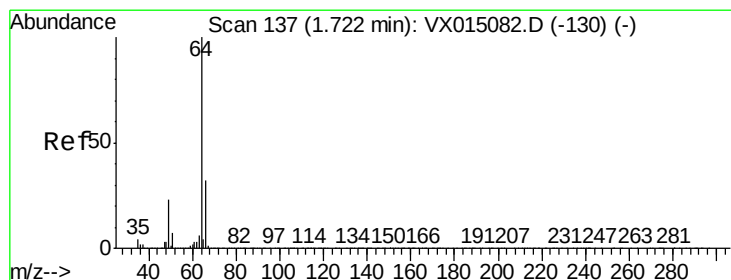
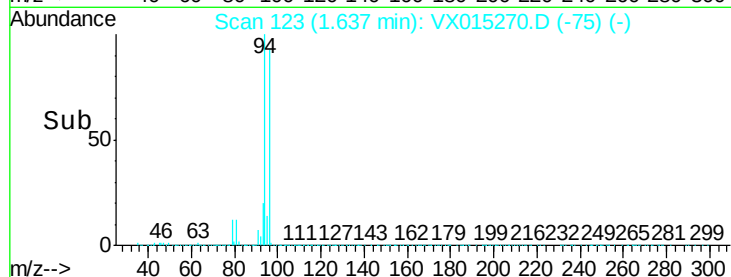
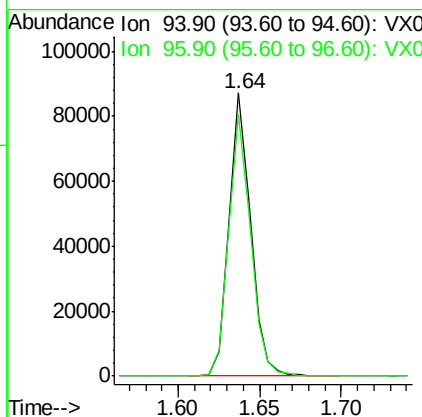
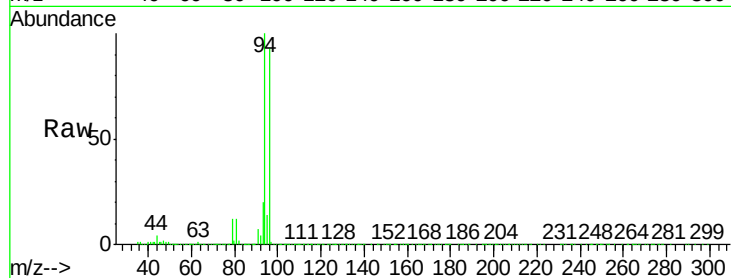
Ion Ratio Lower Upper

94 100

96 92.7 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 45.368 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015270.D

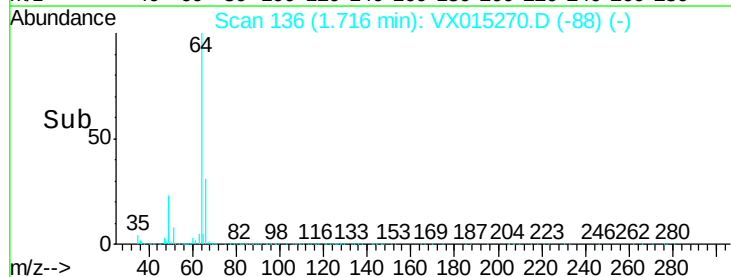
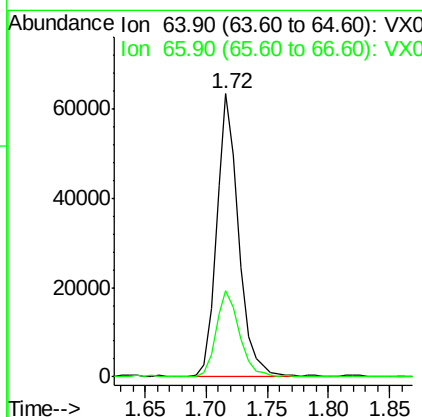
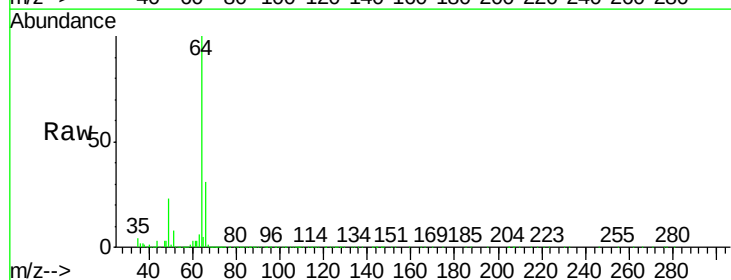
Acq: 13 Mar 2020 19:06

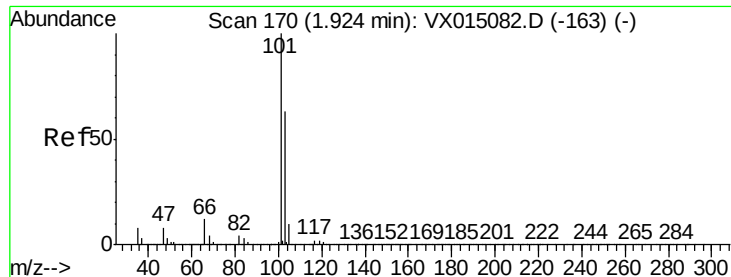
Tgt Ion: 64 Resp: 79347

Ion Ratio Lower Upper

64 100

66 30.5 25.8 38.8





#7

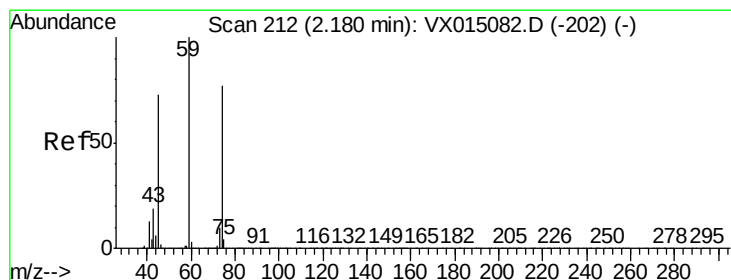
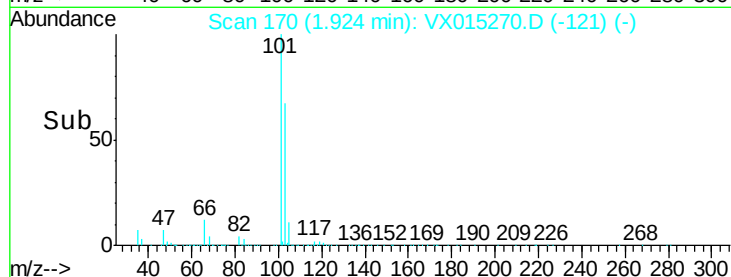
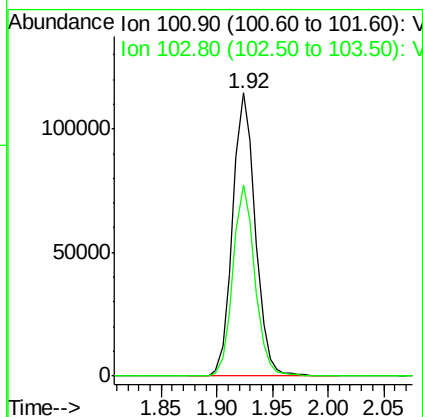
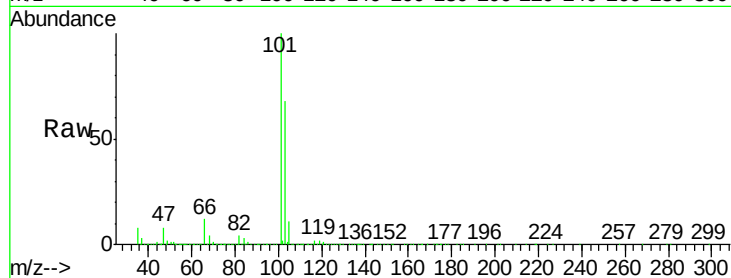
Trichlorofluoromethane
Concen: 46.529 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

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ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Resp	Lower	Upper
101	100	161421		
103	67.5	50.4	75.6	

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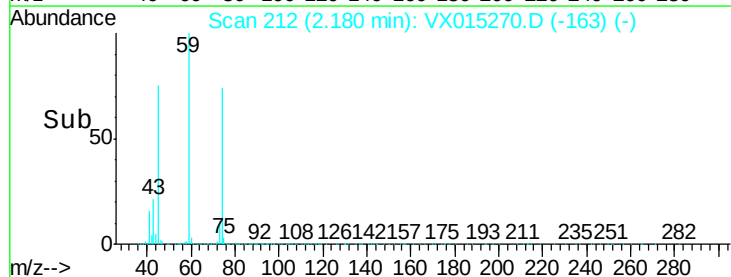
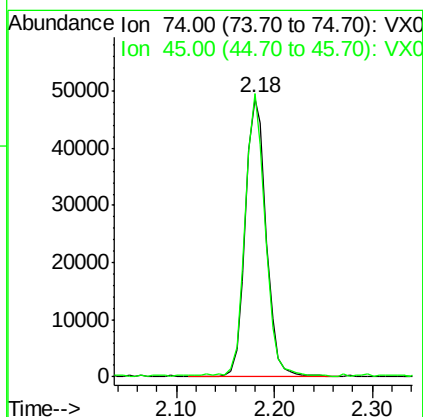
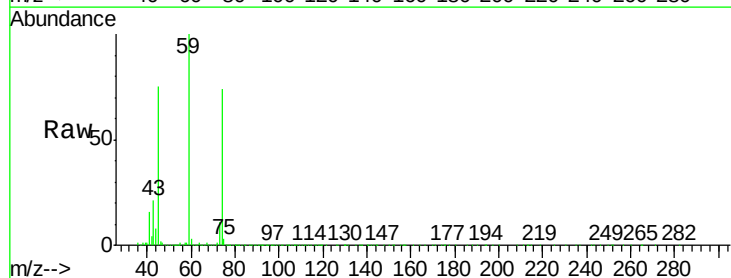
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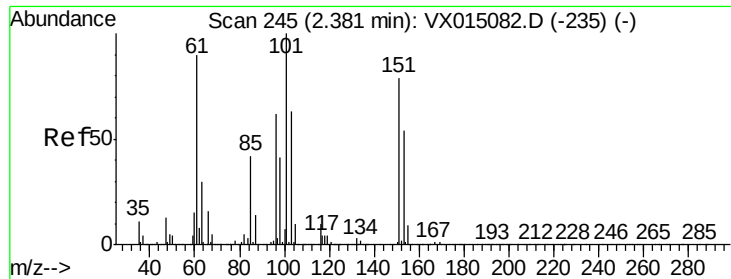


#8

Diethyl Ether
Concen: 45.884 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	72099		
45	97.7	49.2	147.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.301 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

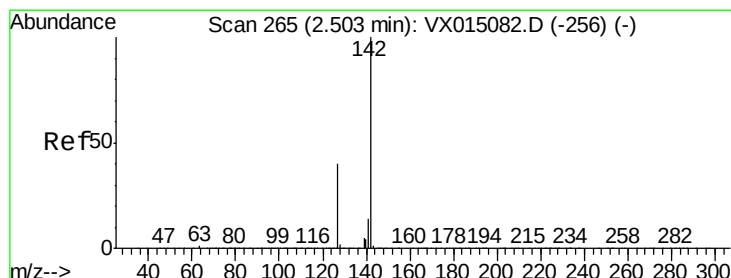
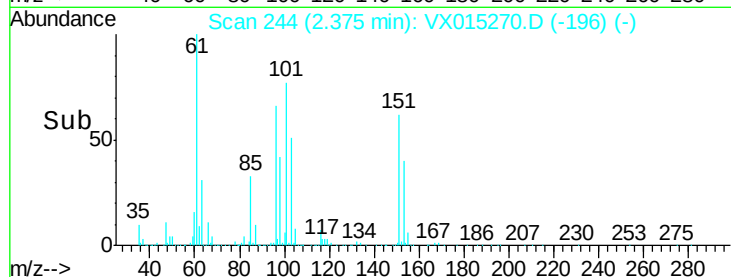
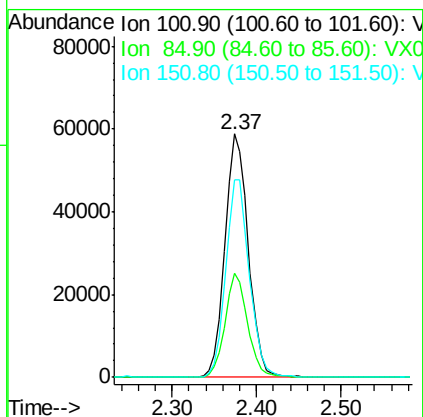
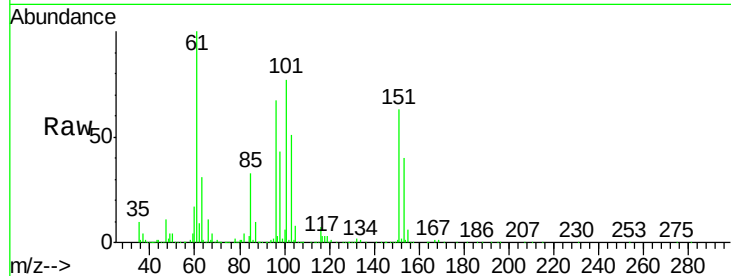
ClientSampleId :

RE131D1-20200309MSD

Tot Ion:	101	Resp:	111974
Ion Ratio	Lower	Upper	
101	100		
85	40.9	33.7	50.5
151	81.8	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 45.329 ug/l

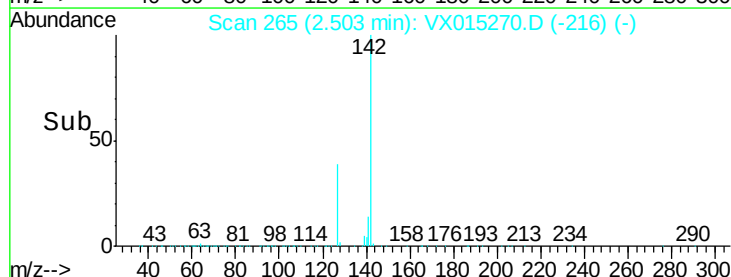
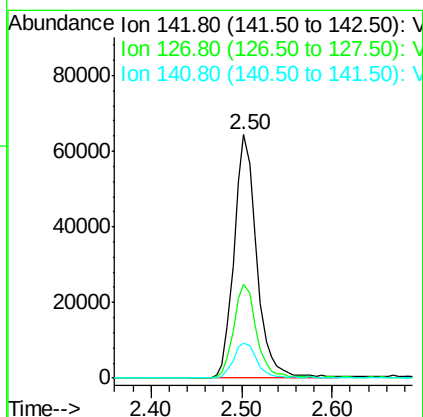
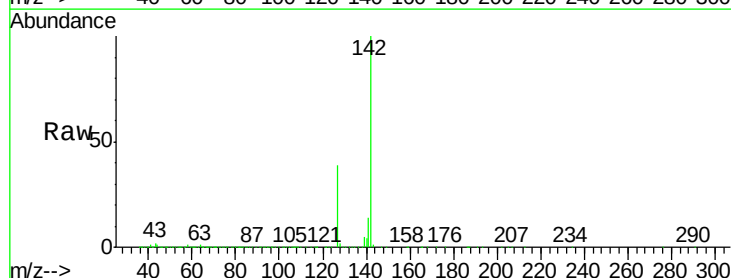
RT: 2.50 min Scan# 265

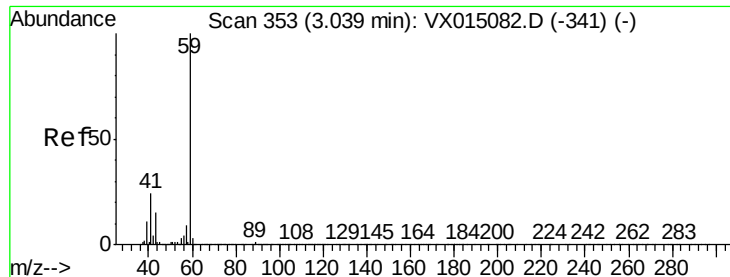
Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Tgt Ion:	142	Resp:	111779
Ion Ratio	Lower	Upper	
142	100		
127	39.0	31.7	47.5
141	15.3	11.3	16.9





#11

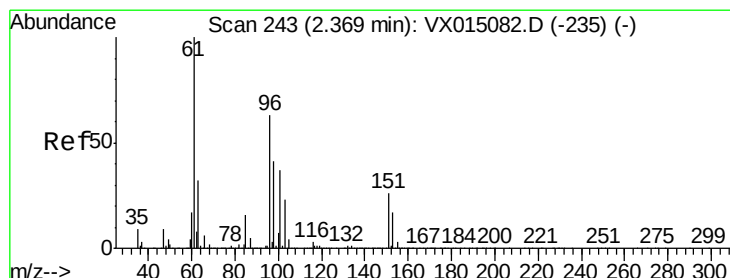
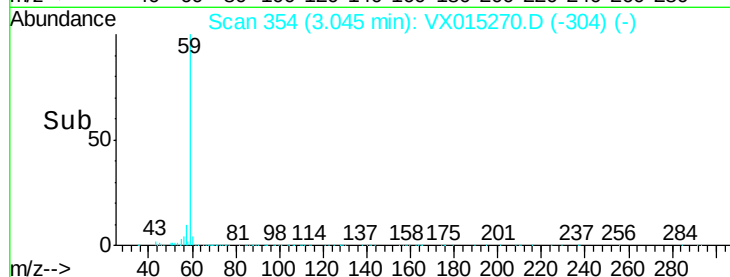
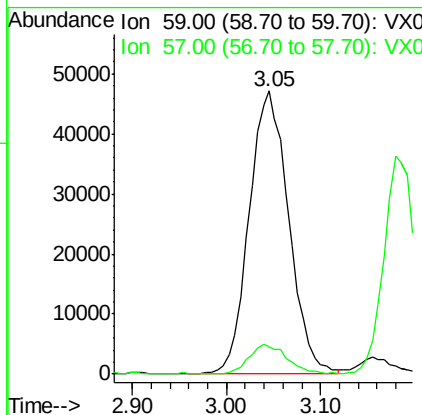
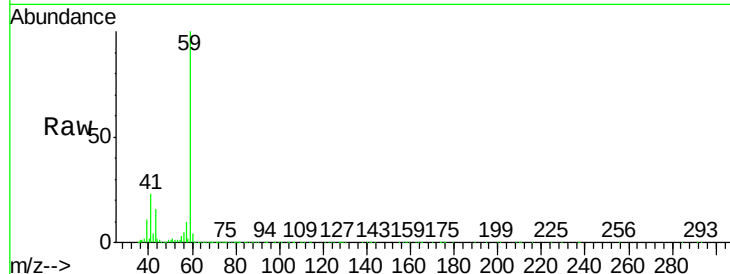
Tert butyl alcohol
Concen: 291.135 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.4

Manual Integrations
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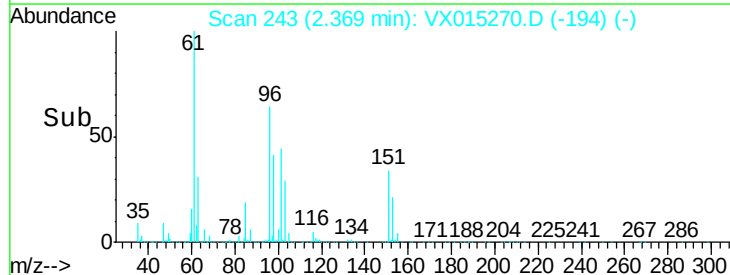
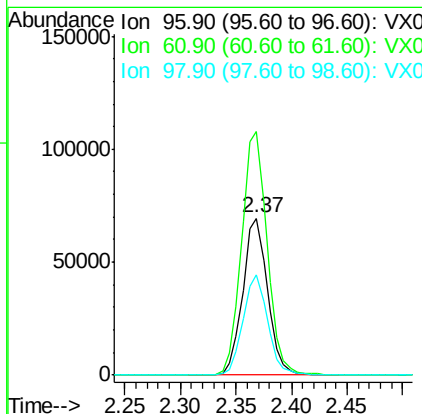
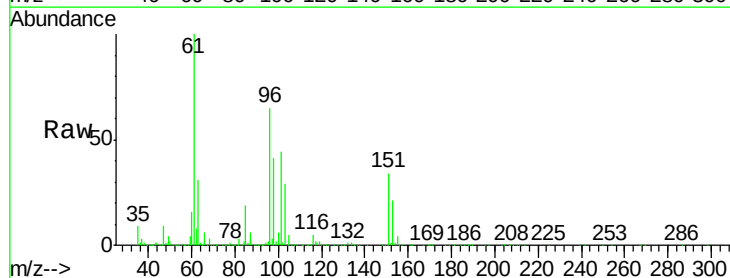
MMDadoda
3/16/2020 2:07:28 PM

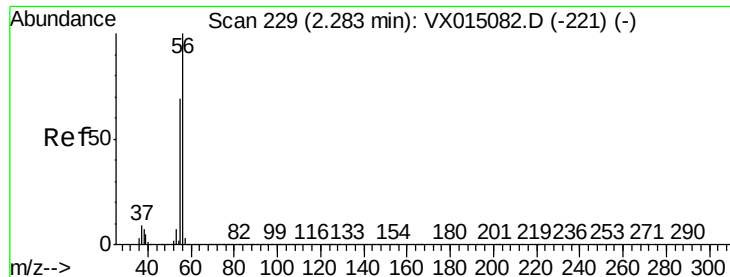


#12

1,1-Dichloroethene
Concen: 47.926 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.0	126.2	189.4
98	63.5	51.4	77.0





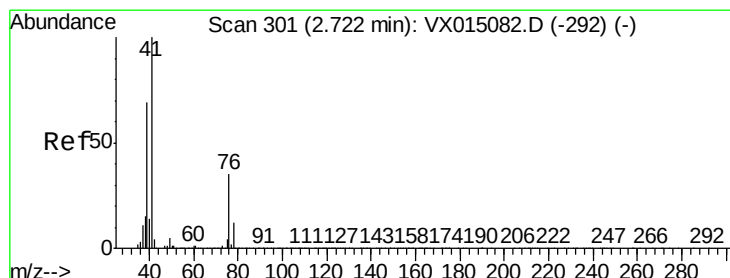
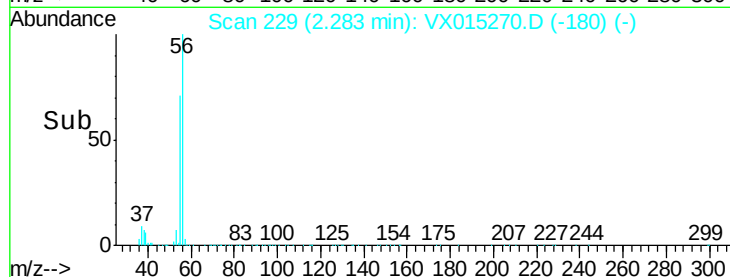
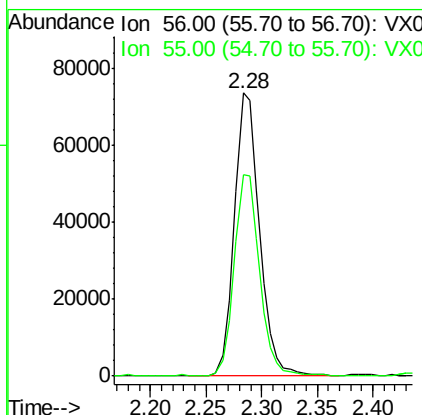
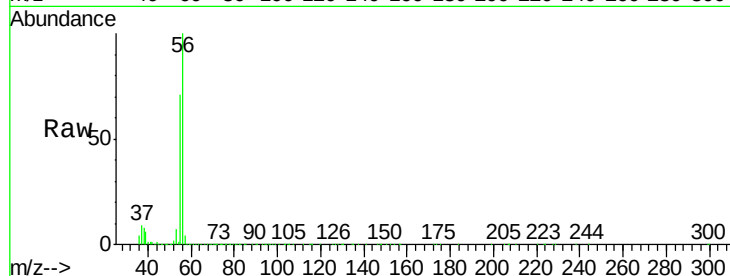
#13
Acrolein
Concen: 255.478 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.7	55.4	83.0

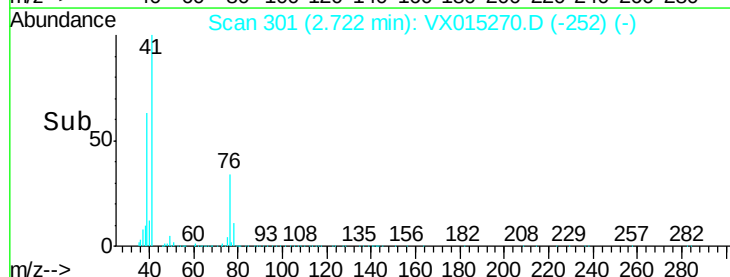
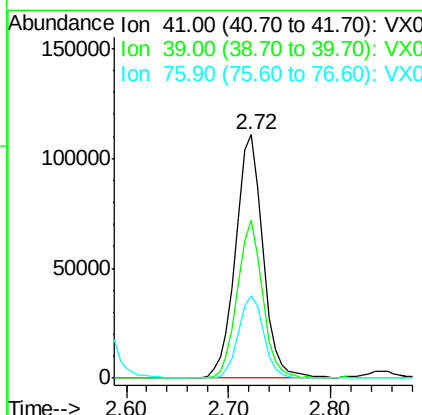
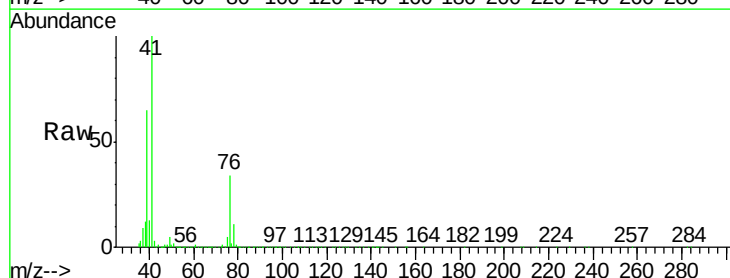
Manual Integrations
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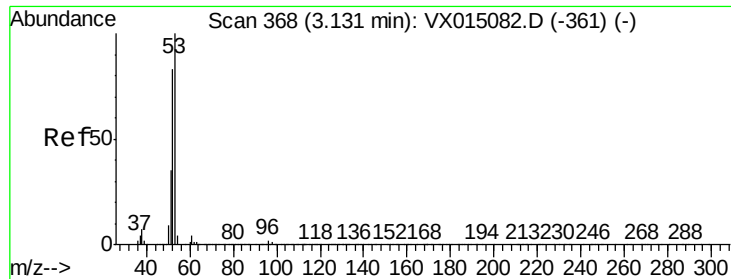
MMDadoda
3/16/2020 2:07:28 PM



#14
Allyl chloride
Concen: 52.082 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.6	52.9	79.3
76	31.0	26.8	40.2





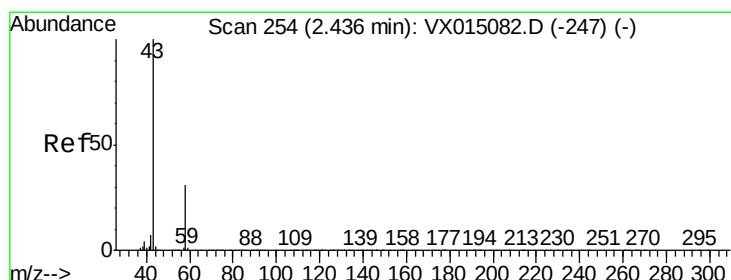
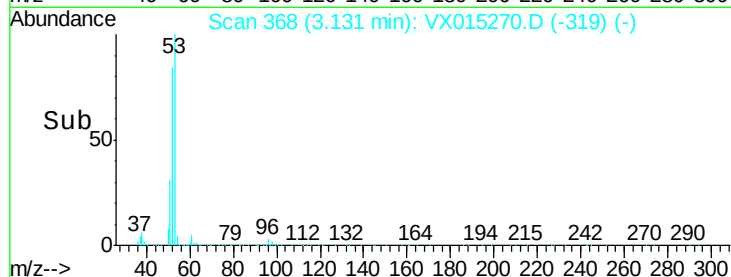
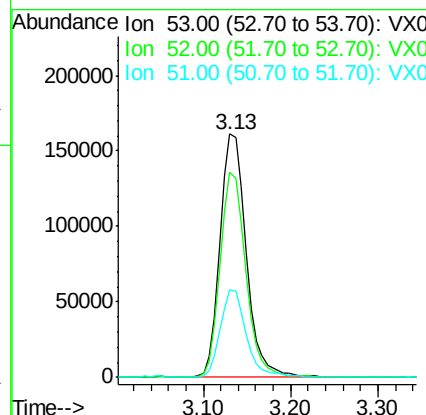
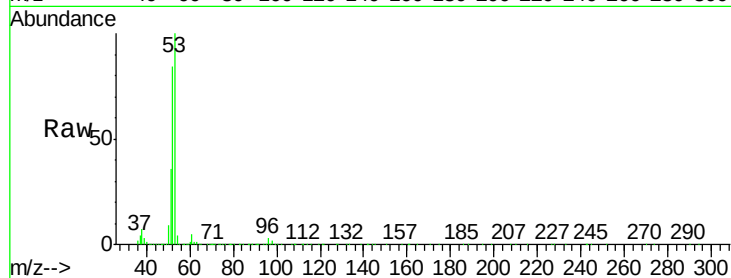
#15
 Acrylonitrile
 Concen: 282.073 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Tot Ion:	53	Resp:	335179
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.6	100.0
51	35.5	29.0	43.6

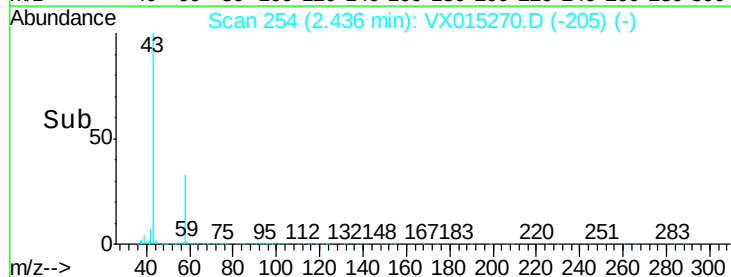
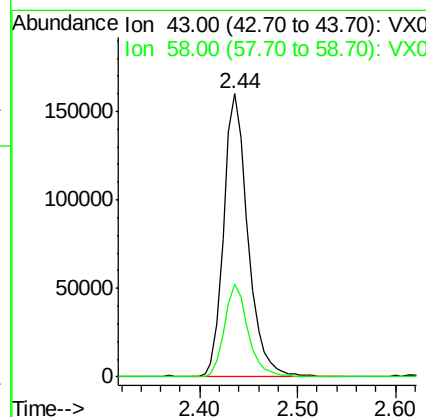
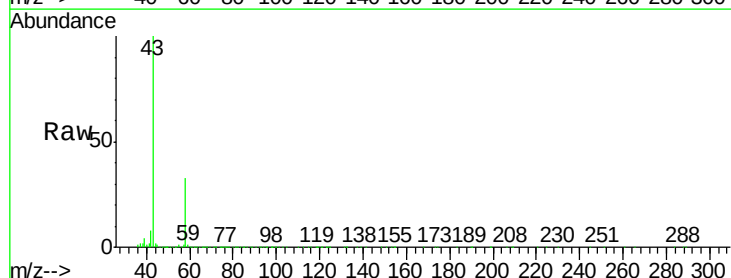
Manual Integrations
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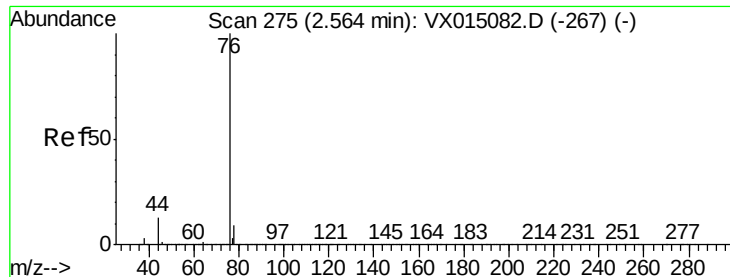
MMDadoda
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#16
 Acetone
 Concen: 244.776 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion:	43	Resp:	272616
Ion	Ratio	Lower	Upper
43	100		
58	32.8	24.8	37.2





#17

Carbon Disulfide

Concen: 44.796 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

Tot Ion: 76 Resp: 280235

Ion Ratio Lower Upper

76 100

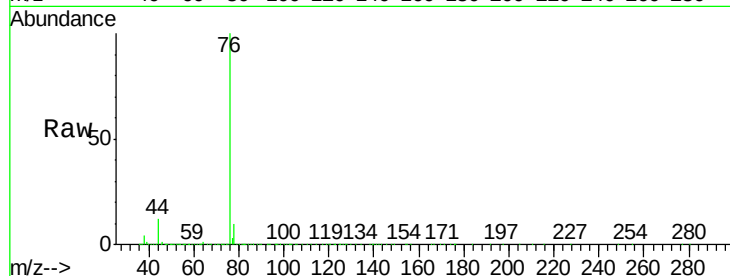
78 9.5 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

100000

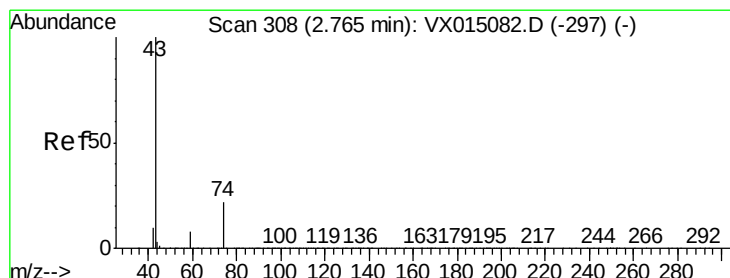
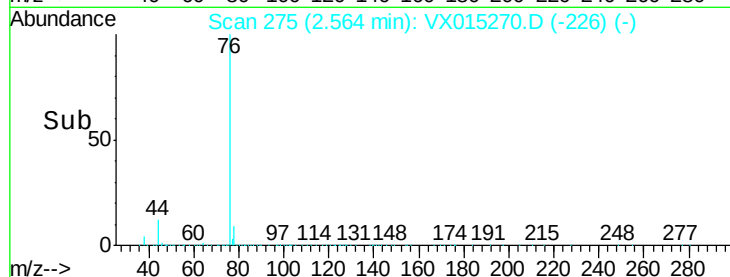
50000

0

2.56

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 52.270 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015270.D

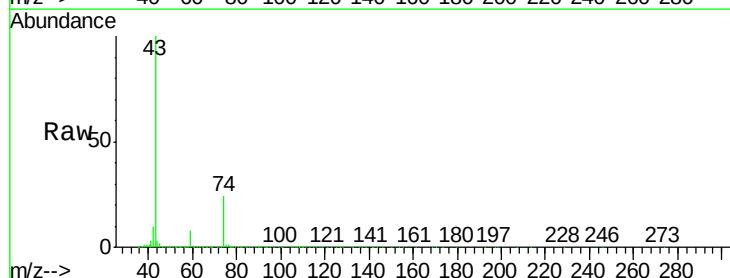
Acq: 13 Mar 2020 19:06

Tgt Ion: 43 Resp: 142345

Ion Ratio Lower Upper

43 100

74 23.3 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

60000

40000

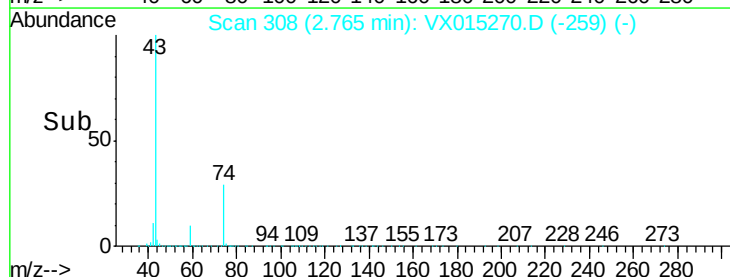
20000

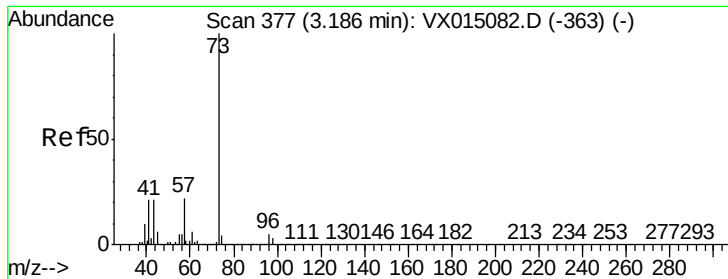
0

2.76

2.70 2.80 2.90

Time-->





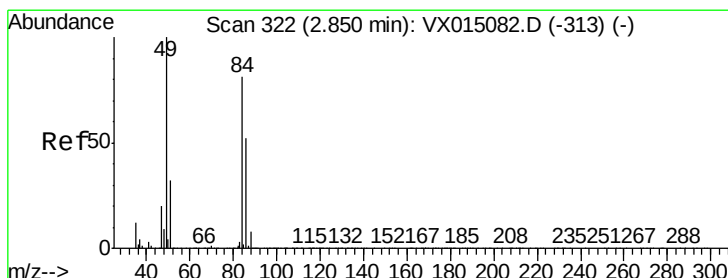
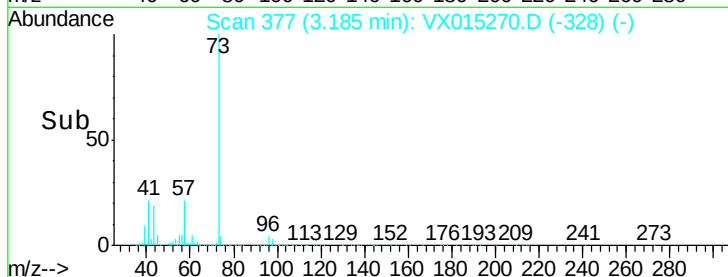
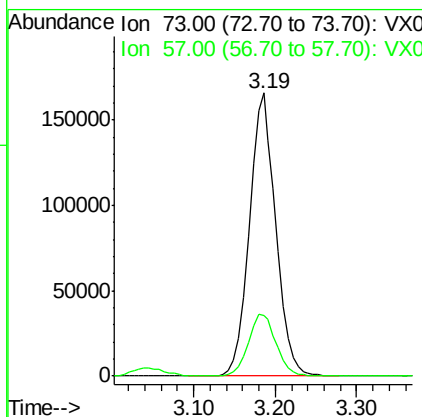
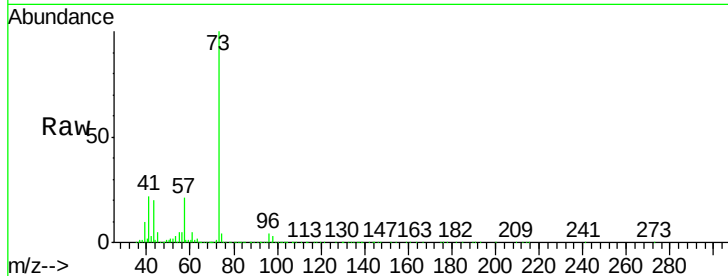
#19
Methyl tert-butyl Ether
Concen: 52.855 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.8	26.6

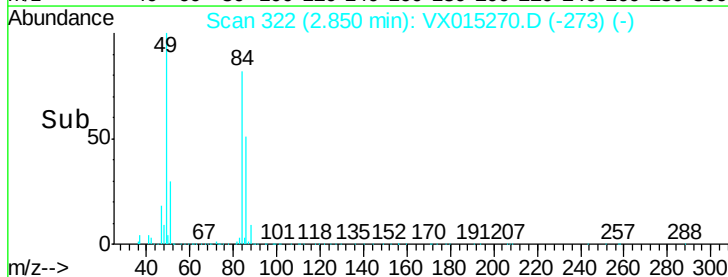
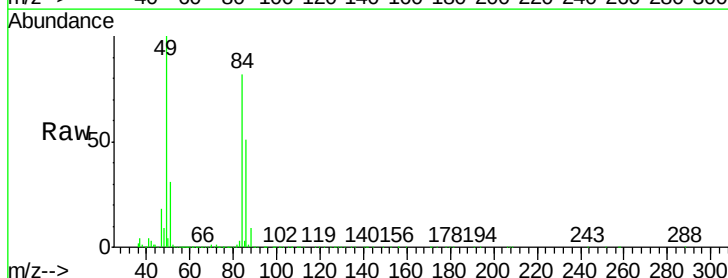
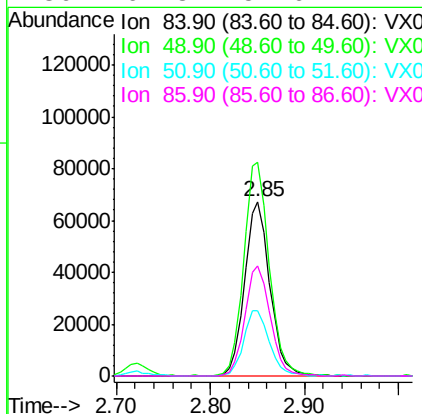
Manual Integrations
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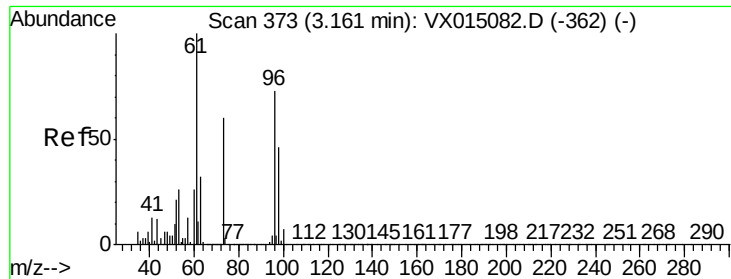
MMDadoda
3/16/2020 2:07:28 PM



#20
Methylene Chloride
Concen: 48.084 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.1	99.4	149.2
51	37.0	31.5	47.3
86	62.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 48.403 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

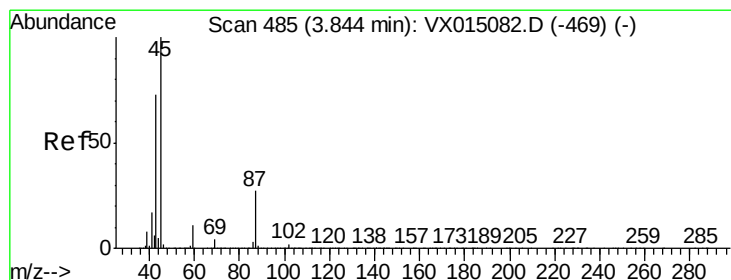
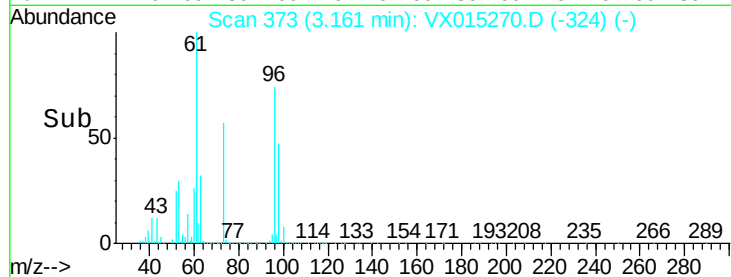
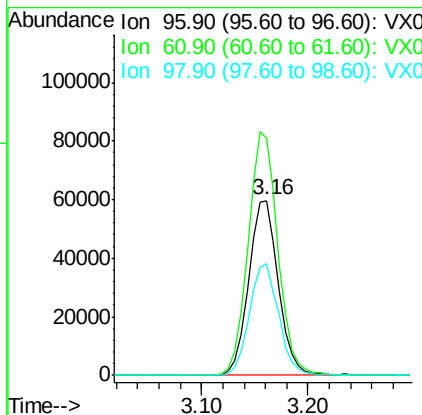
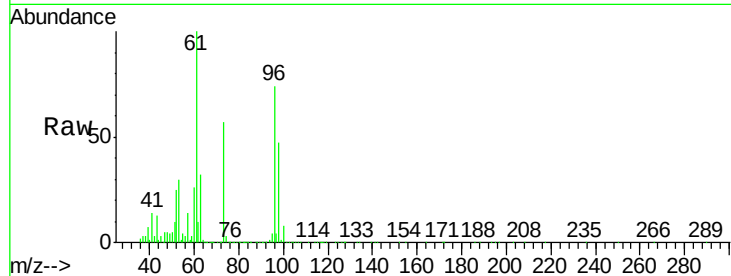
ClientSampleId :

RE131D1-20200309MSD

Tot Ion:	96	Resp:	116425
Ion Ratio	Lower	Upper	
96	100		
61	135.5	109.9	164.9
98	63.8	50.2	75.2

Manual Integrations
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3/16/2020 2:07:28 PM



#22

Diisopropyl ether

Concen: 53.710 ug/l

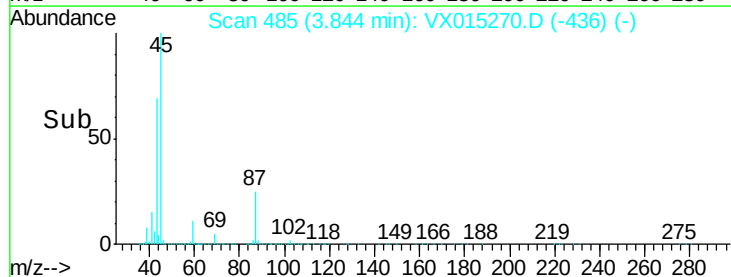
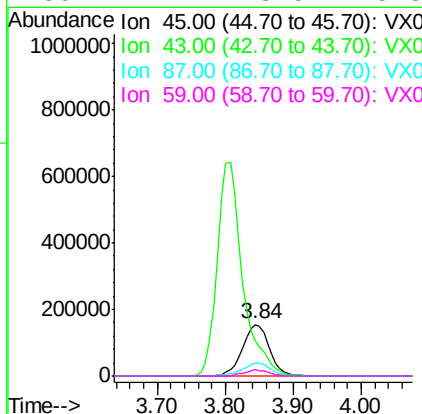
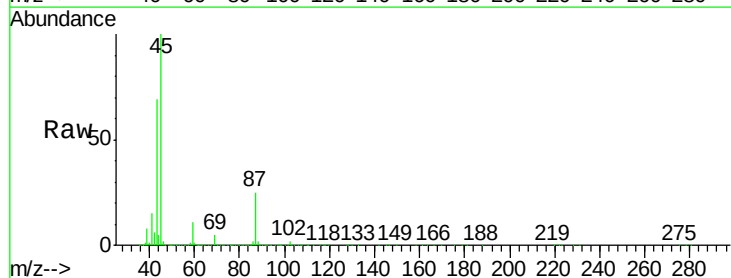
RT: 3.84 min Scan# 485

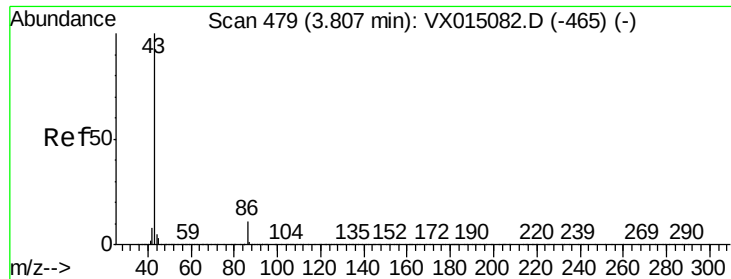
Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Tgt Ion:	45	Resp:	420310
Ion Ratio	Lower	Upper	
45	100		
43	68.9	58.2	87.2
87	25.1	21.2	31.8
59	11.4	8.9	13.3





#23

Vinyl Acetate

Concen: 259.389 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

Tot Ion: 43 Resp: 1668563

Ion Ratio Lower Upper

43 100

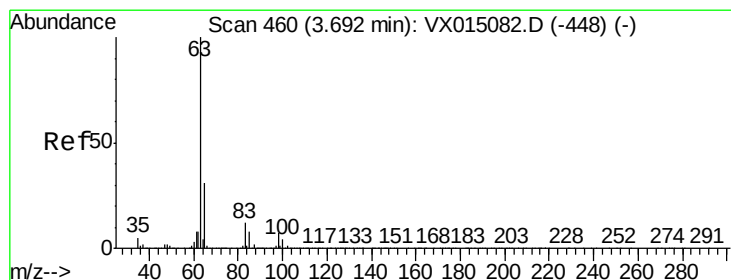
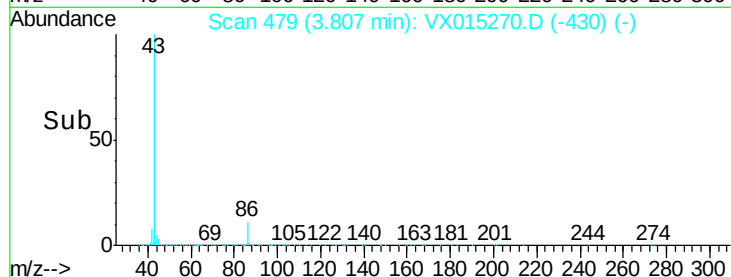
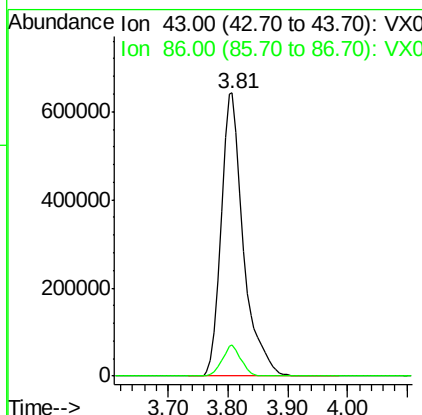
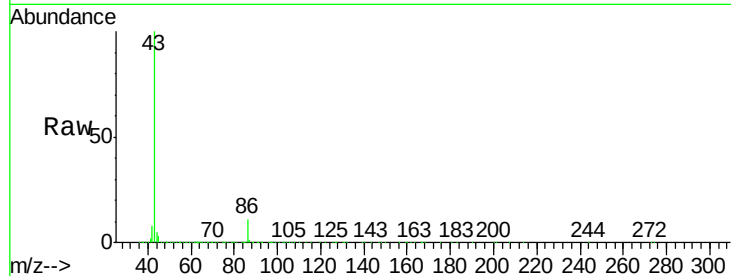
86 10.9 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.395 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

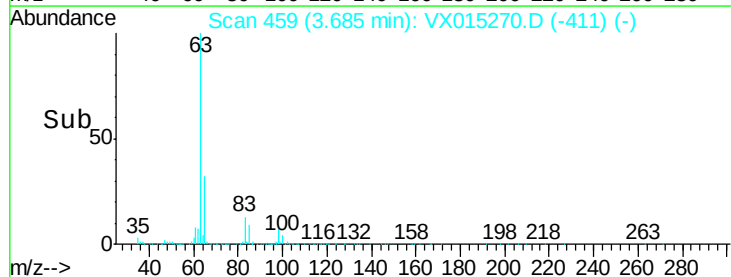
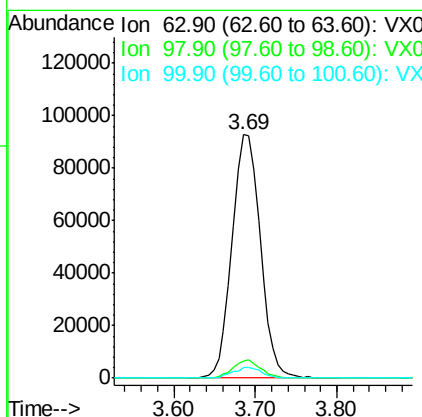
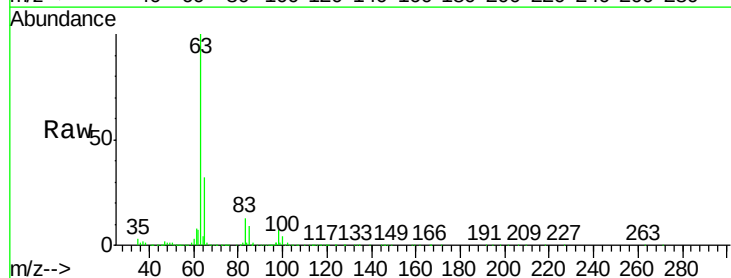
Tgt Ion: 63 Resp: 223218

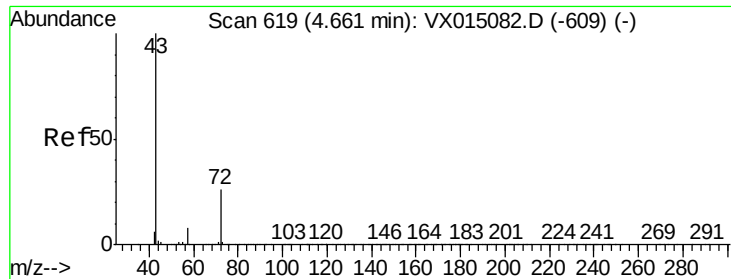
Ion Ratio Lower Upper

63 100

98 6.8 3.7 11.1

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 279.308 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

Tot Ion: 43 Resp: 455414

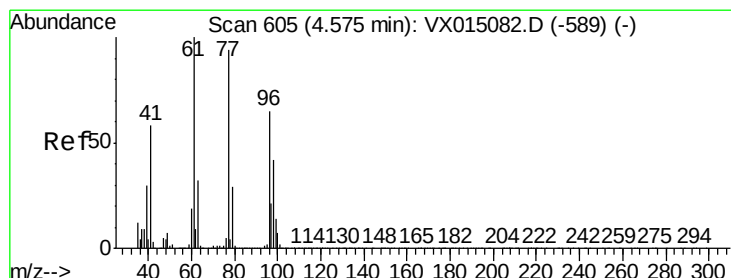
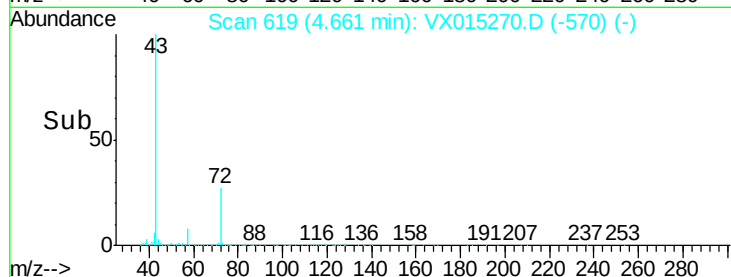
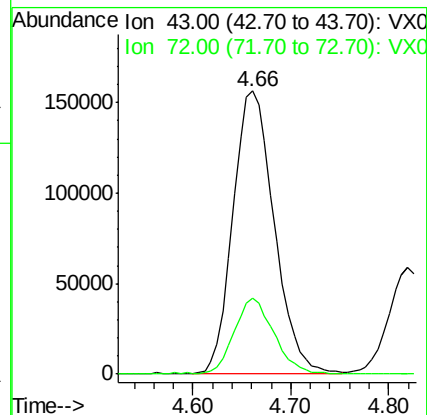
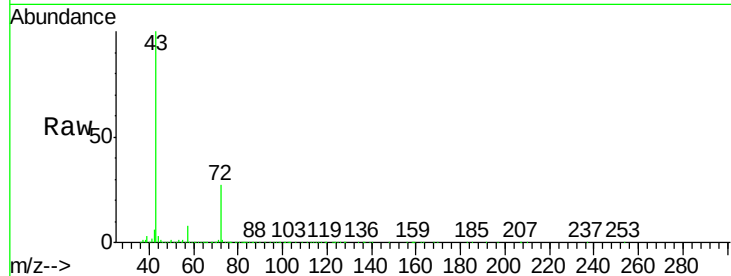
Ion Ratio Lower Upper

43 100

72 26.9 20.6 30.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 42.981 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015270.D

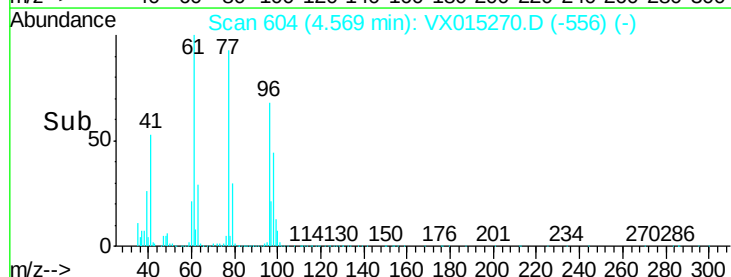
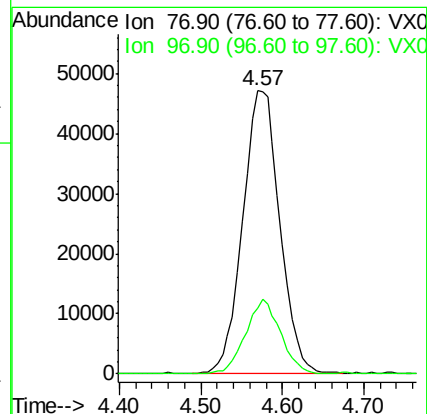
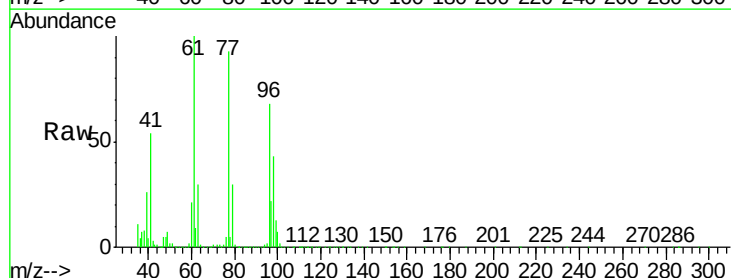
Acq: 13 Mar 2020 19:06

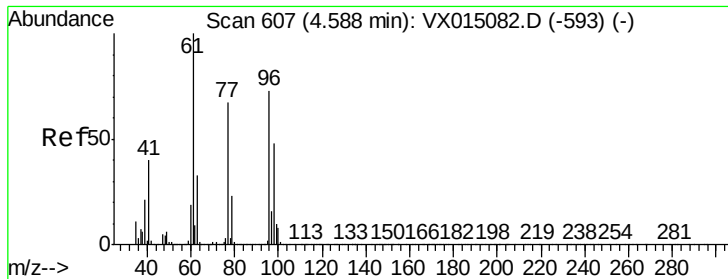
Tgt Ion: 77 Resp: 148192

Ion Ratio Lower Upper

77 100

97 25.2 11.8 35.4





#27

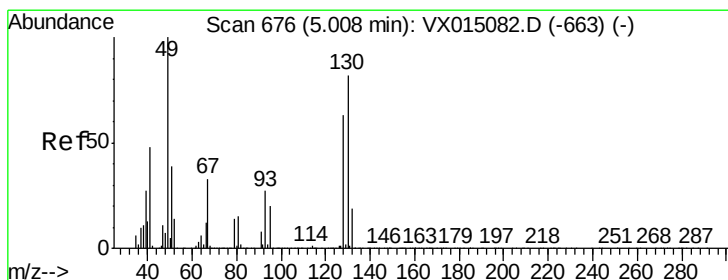
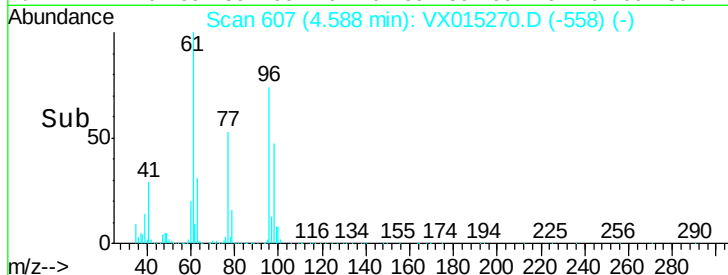
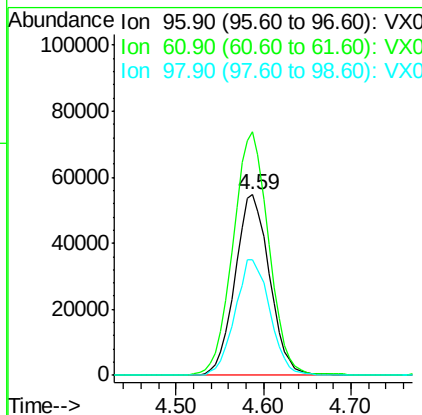
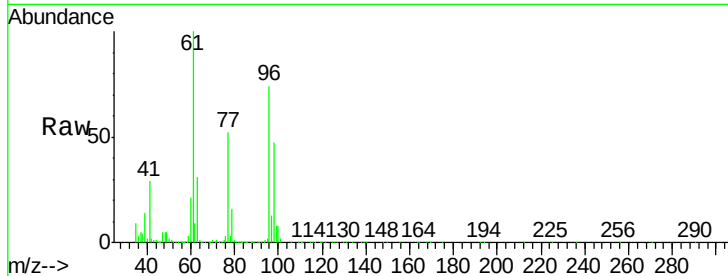
cis-1,2-Dichloroethene
Concen: 55.845 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	150694		
61	138.6	0.0	286.8	
98	64.4	0.0	128.4	

Manual Integrations
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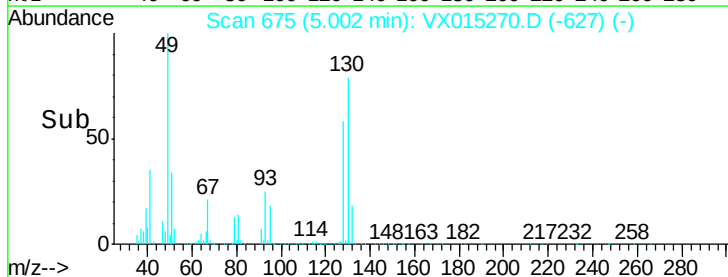
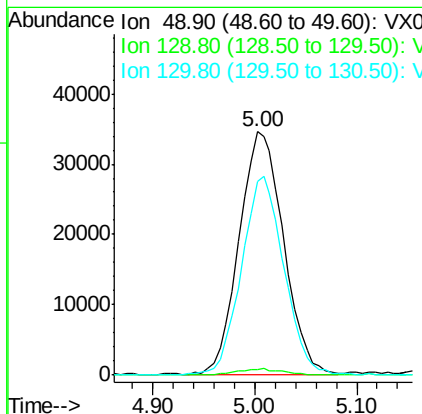
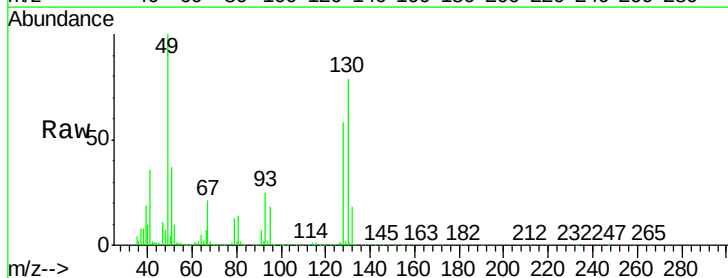
MMDadoda
3/16/2020 2:07:28 PM

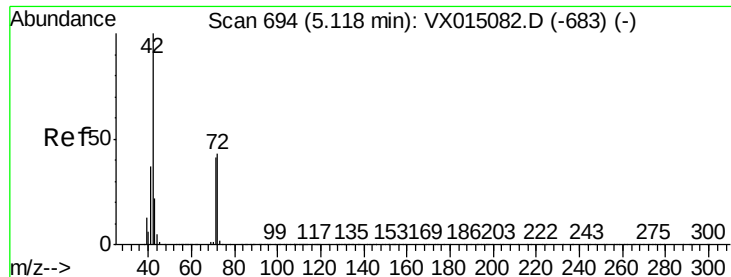


#28

Bromochloromethane
Concen: 53.024 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	104867		
129	2.7	0.0	4.4	
130	78.3	65.0	97.6	





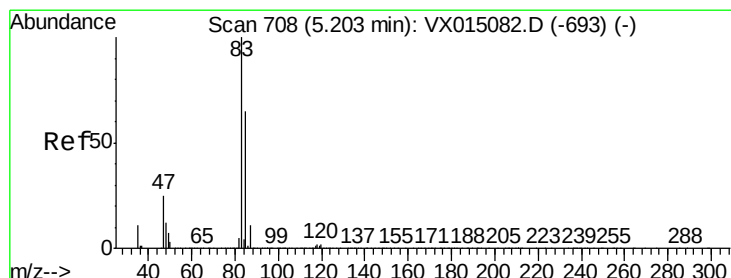
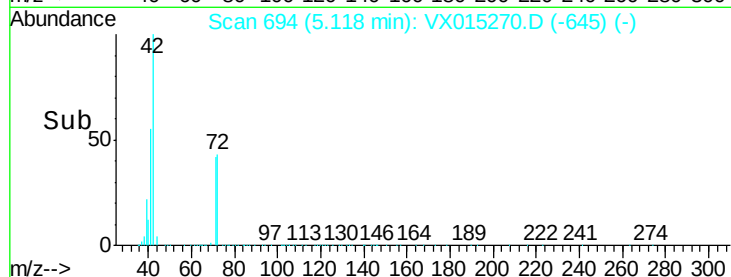
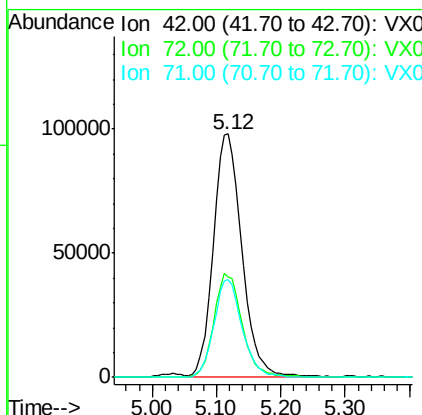
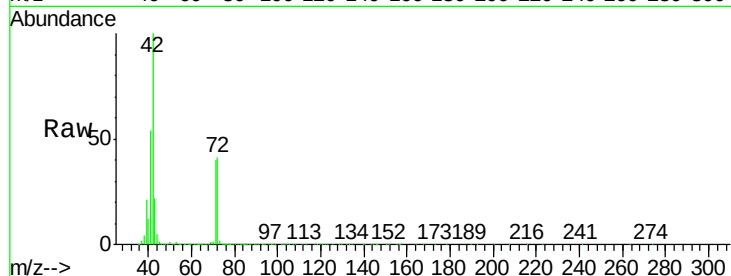
#29
Tetrahydrofuran
Concen: 288.947 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	36.4	54.6
71	39.9	33.3	49.9

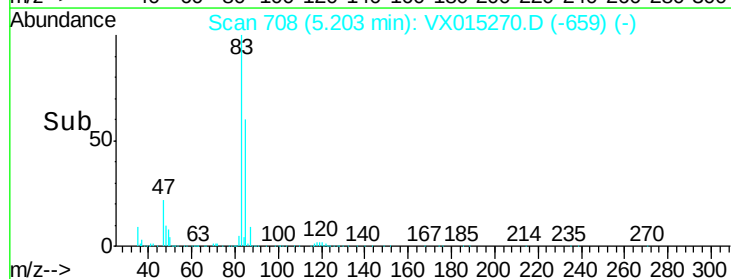
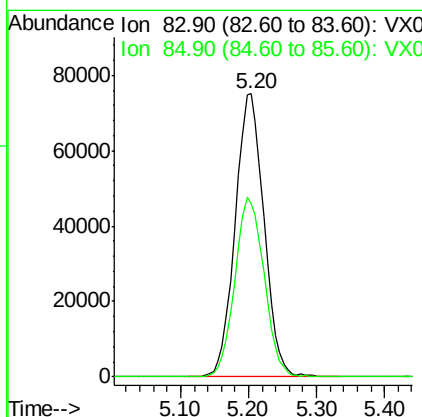
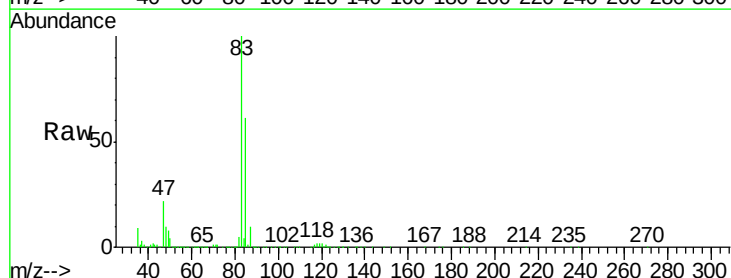
Manual Integrations
APPROVED

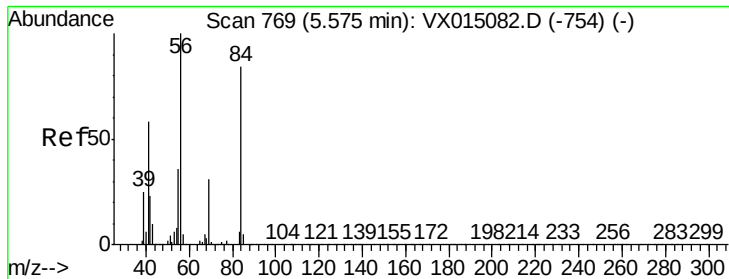
MMDadoda
3/16/2020 2:07:28 PM



#30
Chloroform
Concen: 52.003 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	52.0	78.0





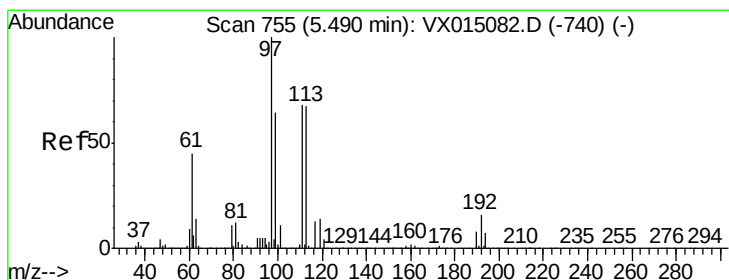
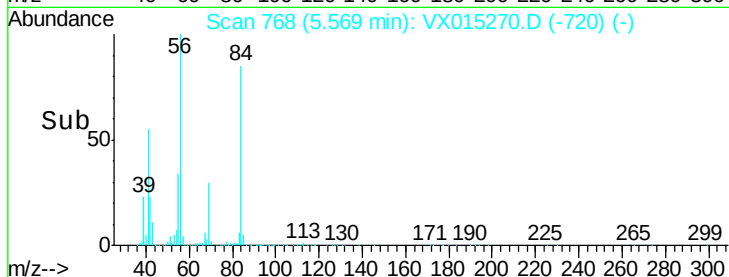
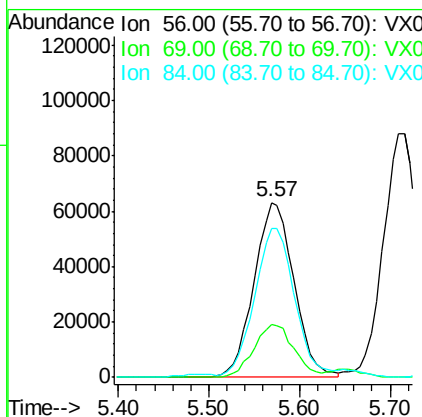
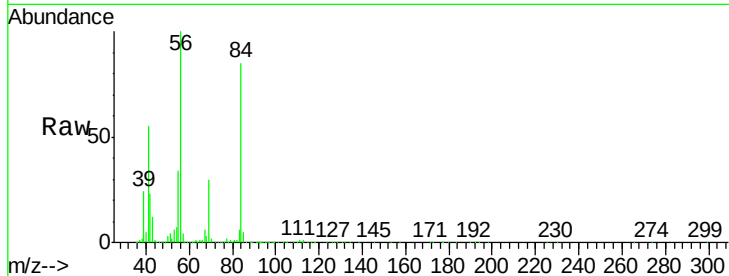
#31
Cyclohexane
Concen: 49.785 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	25.0	37.6
84	84.0	67.6	101.4

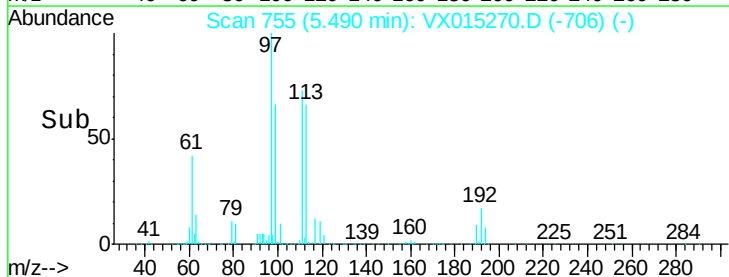
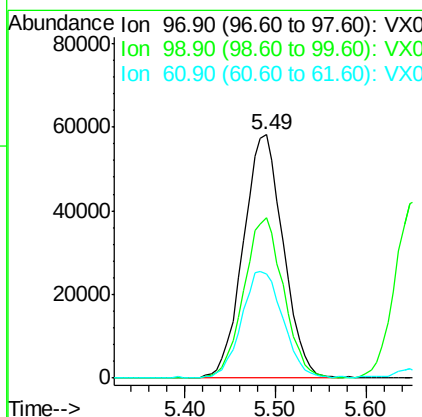
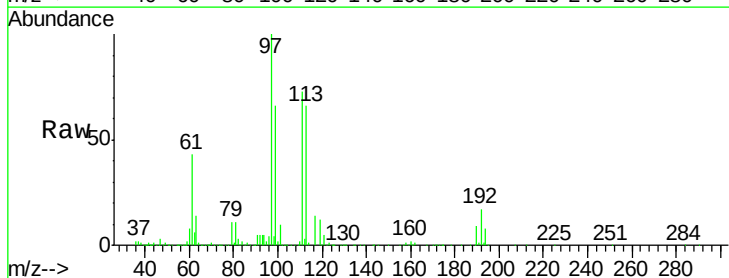
Manual Integrations
APPROVED

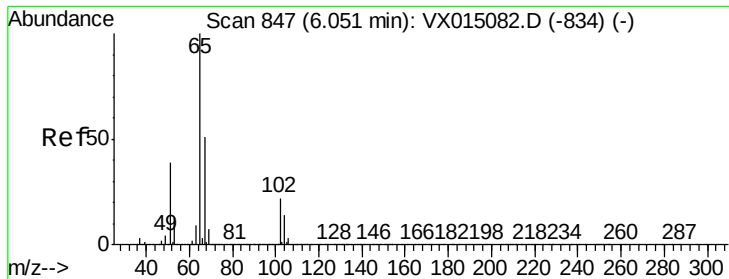
MMDadoda
3/16/2020 2:07:28 PM



#32
1,1,1-Trichloroethane
Concen: 50.637 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.8	79.2
61	45.5	36.6	54.8





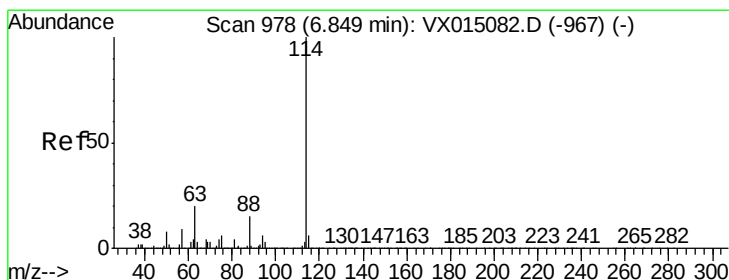
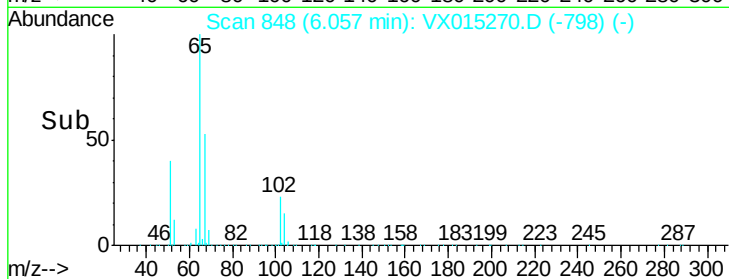
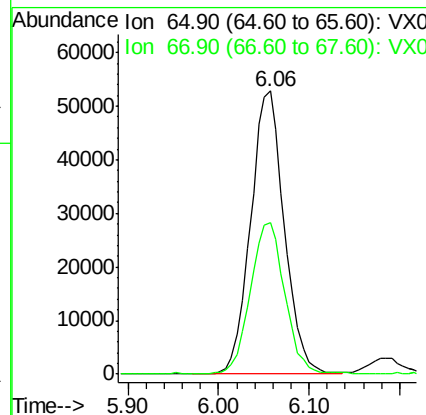
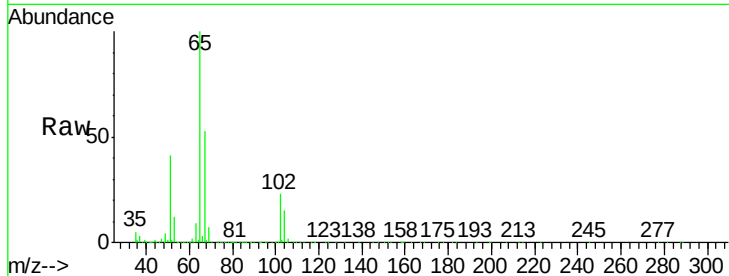
#33
 1,2-Dichloroethane-d4
 Concen: 49.331 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135666		
67	54.6	0.0	105.6	

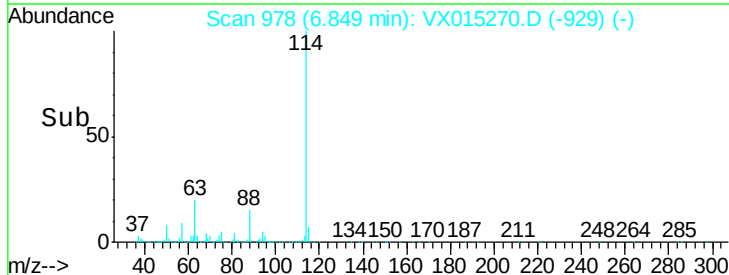
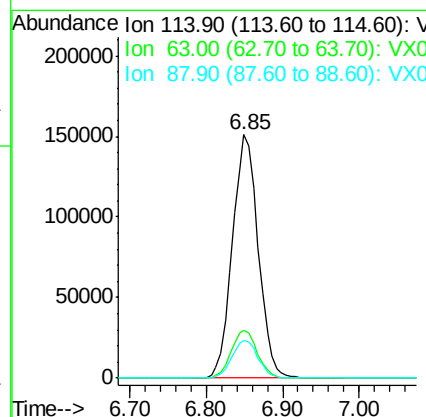
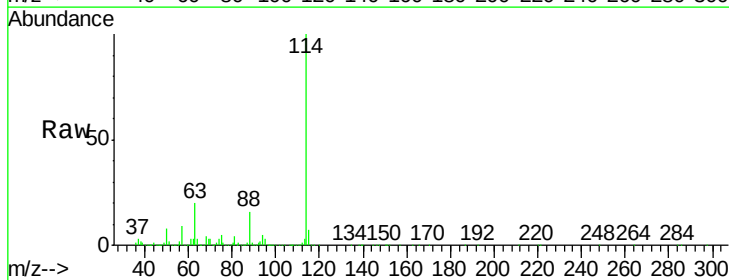
Manual Integrations
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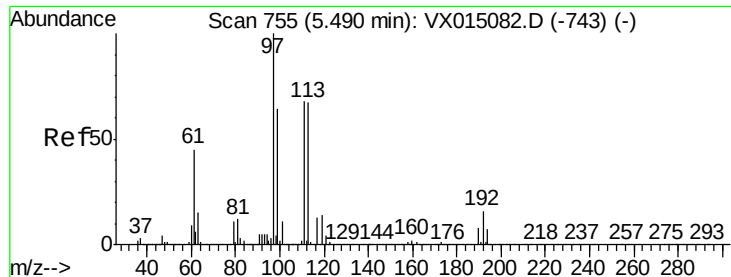
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 3/16/2020 2:07:28 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	352224		
63	19.7	0.0	40.0	
88	15.5	0.0	30.6	





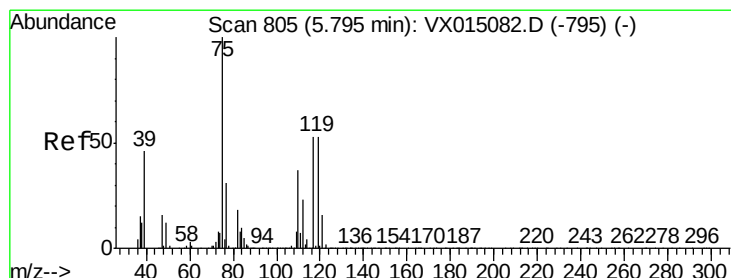
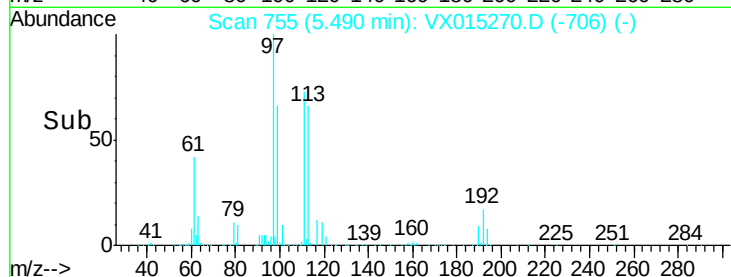
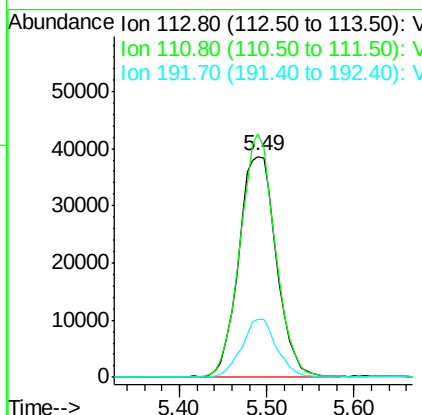
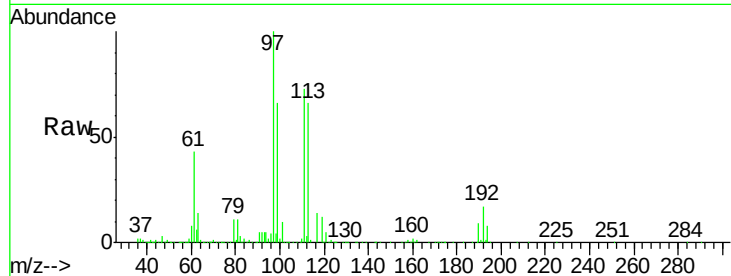
#35
 Dibromofluoromethane
 Concen: 52.082 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	115729		
111	103.1	82.6	123.8	
192	24.5	18.6	28.0	

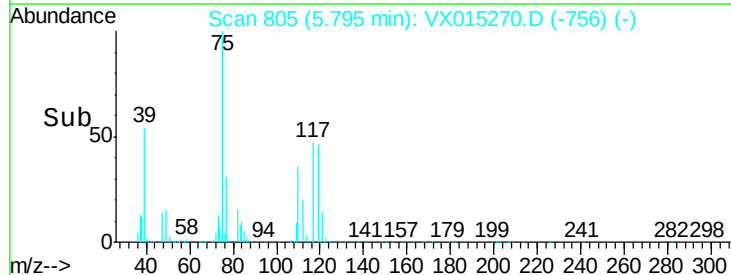
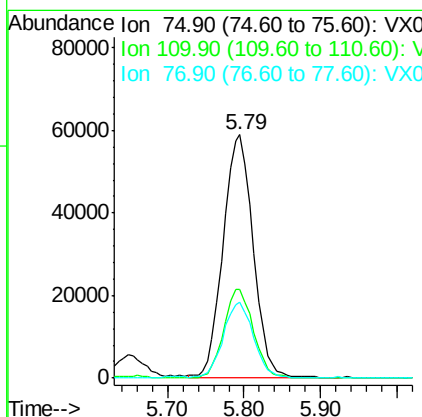
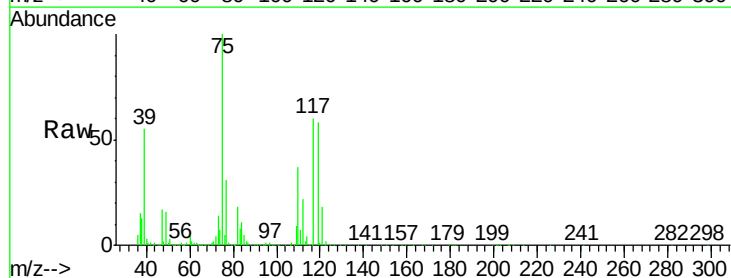
Manual Integrations
 APPROVED

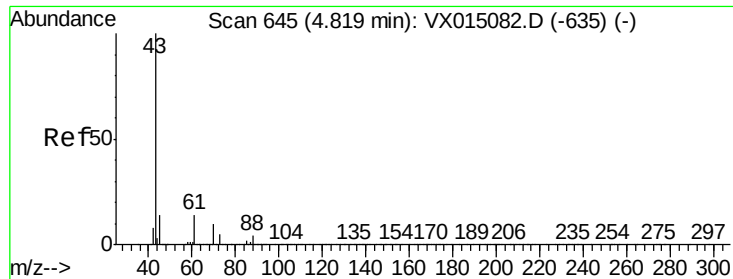
MMDadoda
 3/16/2020 2:07:28 PM



#36
 1,1-Dichloropropene
 Concen: 48.895 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	159211		
110	36.1	17.9	53.8	
77	31.2	24.8	37.2	





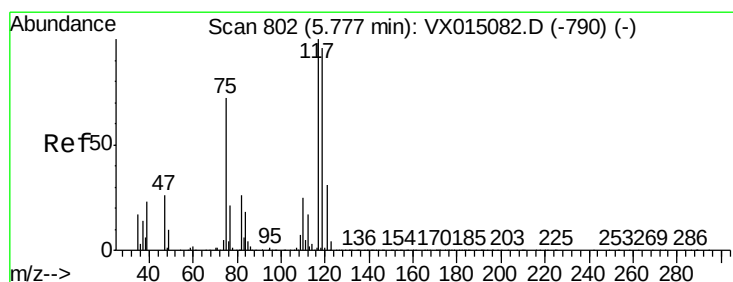
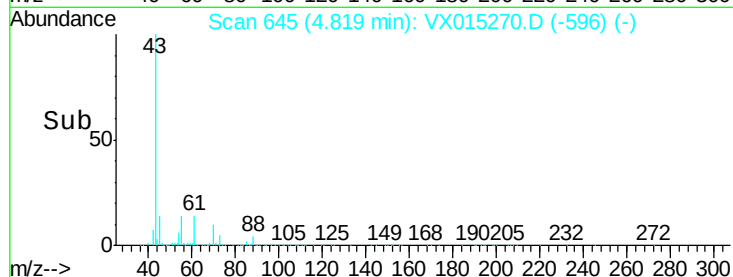
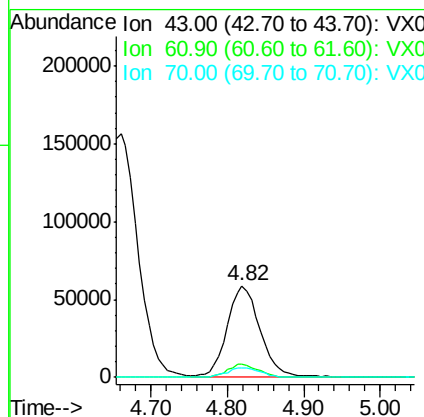
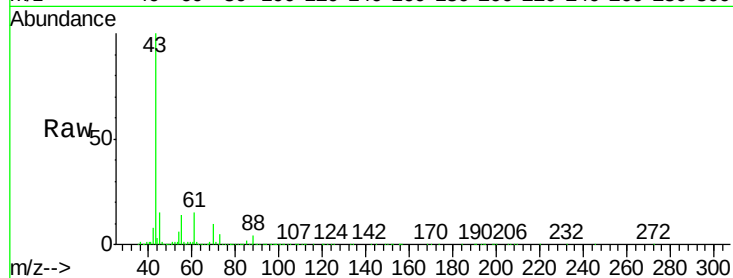
#37
Ethyl Acetate
Concen: 57.099 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion:	43	Resp:	172463
Ion Ratio	Lower	Upper	
43	100		
61	13.4	11.0	16.4
70	11.1	8.1	12.1

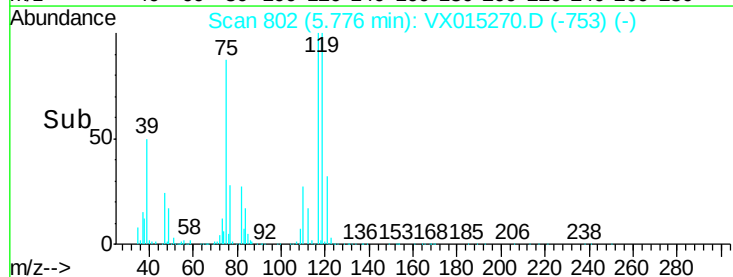
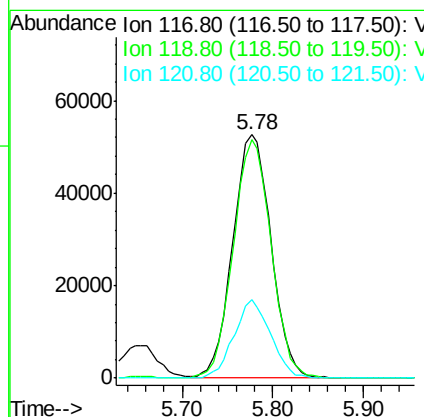
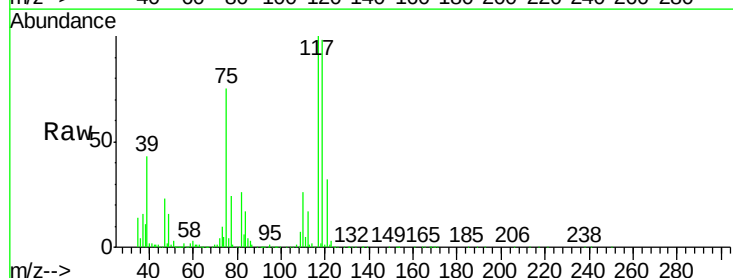
Manual Integrations
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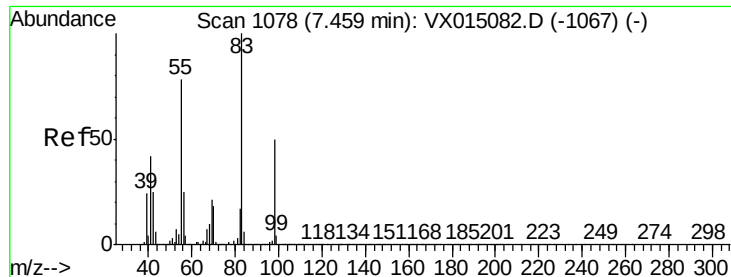
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3/16/2020 2:07:28 PM



#38
Carbon Tetrachloride
Concen: 49.988 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion:	117	Resp:	153641
Ion Ratio	Lower	Upper	
117	100		
119	97.9	76.9	115.3
121	32.2	24.6	37.0





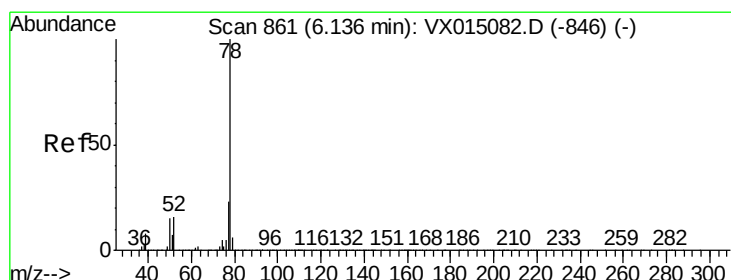
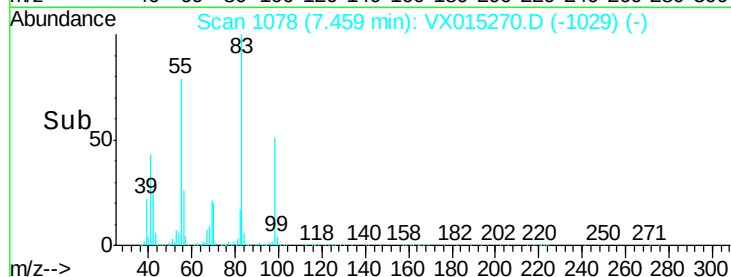
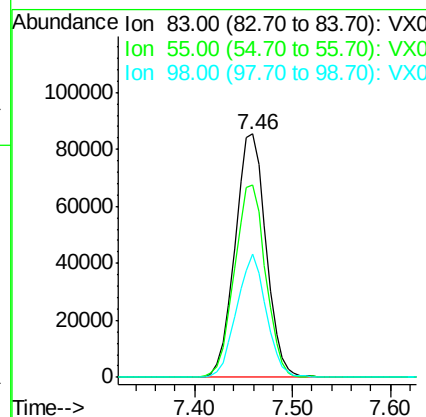
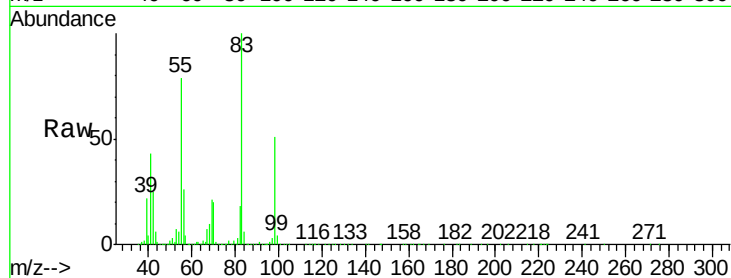
#39
Methylvlcyclohexane
Concen: 49.296 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.9	62.4	93.6
98	50.6	39.7	59.5

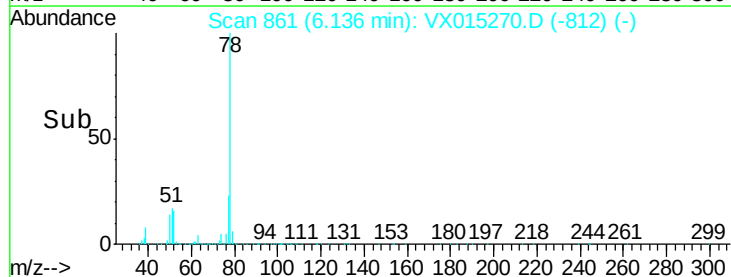
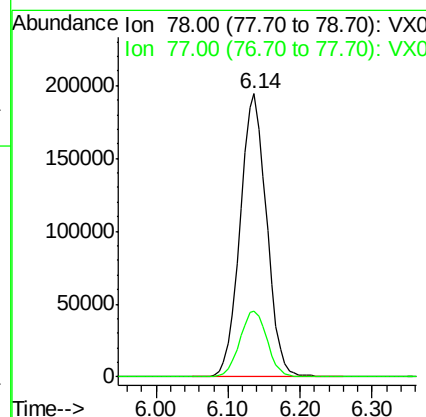
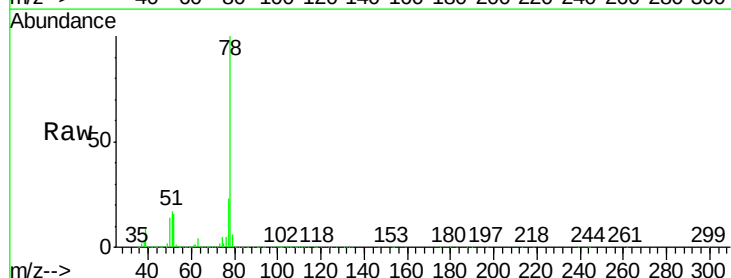
Manual Integrations
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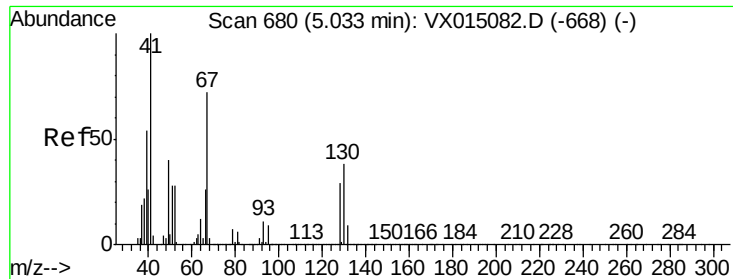
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#40
Benzene
Concen: 51.391 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





#41

Methacrylonitrile

Concen: 56.408 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

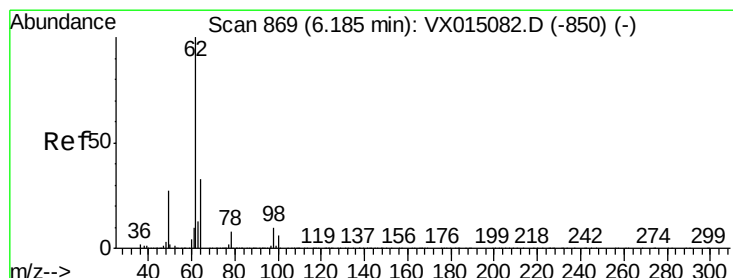
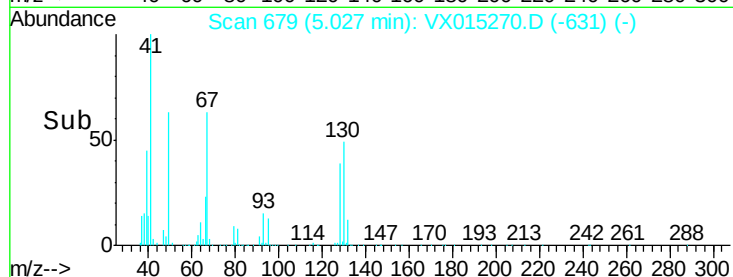
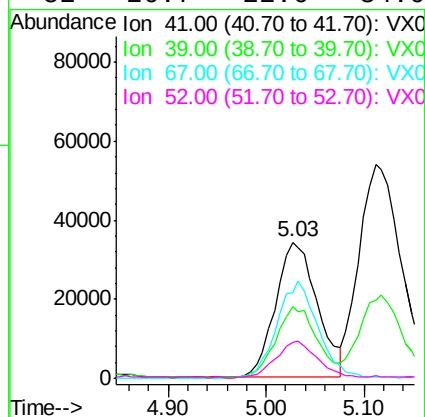
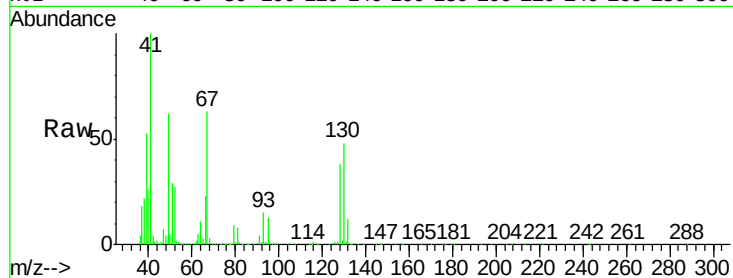
ClientSampleId :

RE131D1-20200309MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	51.4	43.9	65.9		
67	69.9	57.8	86.8		
52	26.7	22.6	34.0		

Manual Integrations
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3/16/2020 2:07:28 PM



#42

1,2-Dichloroethane

Concen: 49.541 ug/l

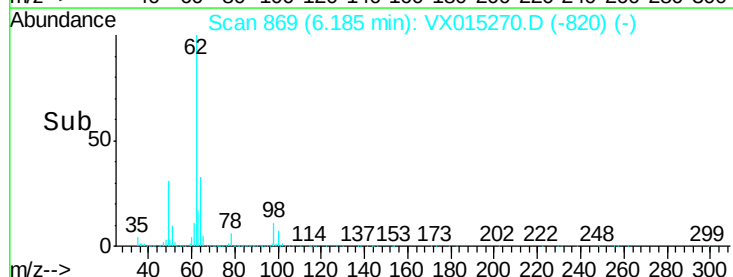
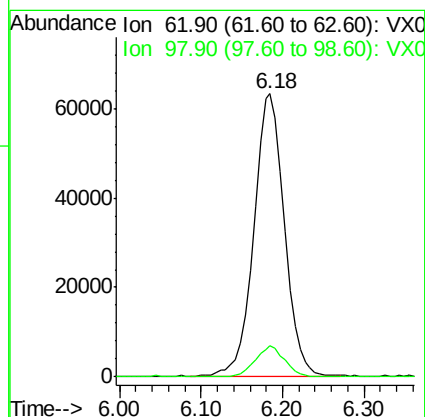
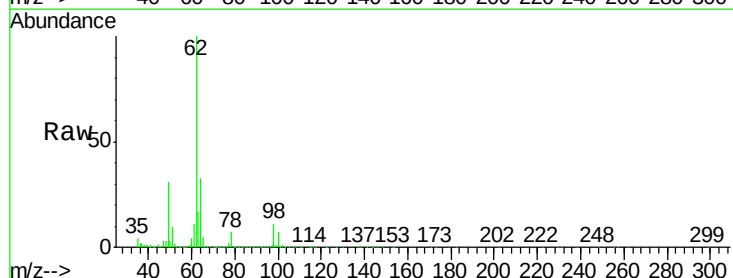
RT: 6.18 min Scan# 869

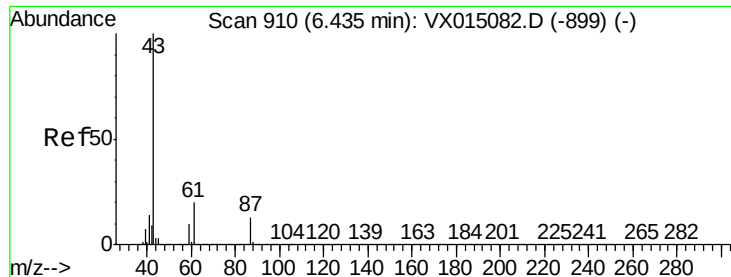
Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.8	0.0	20.6		





#43

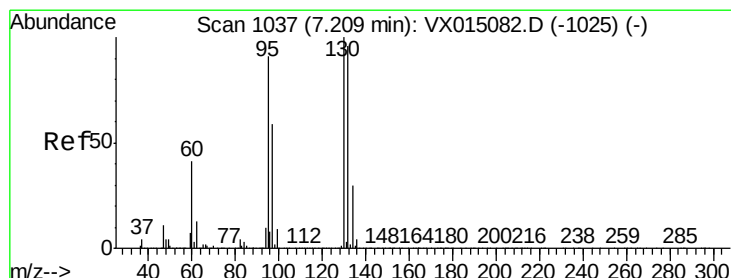
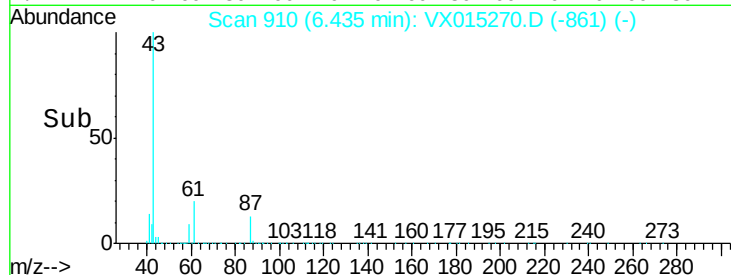
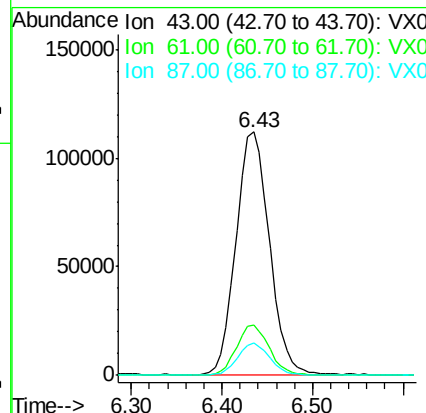
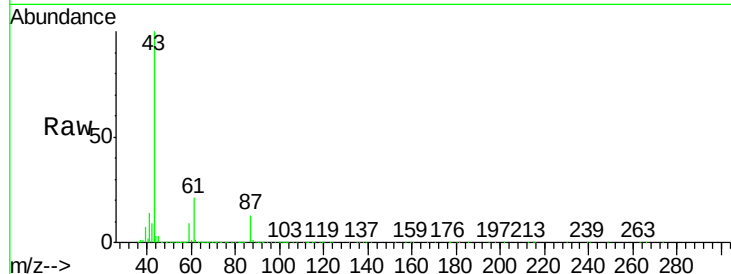
Isopropyl Acetate
 Concen: 53.697 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.1	24.1
87	12.9	10.6	16.0

Manual Integrations
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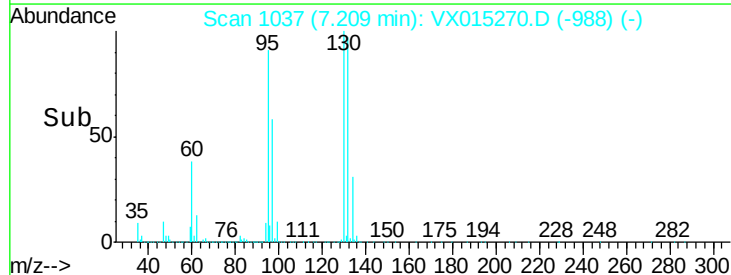
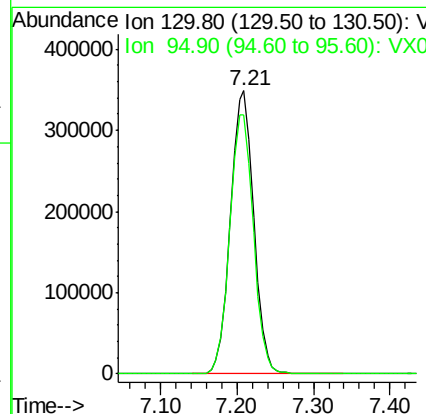
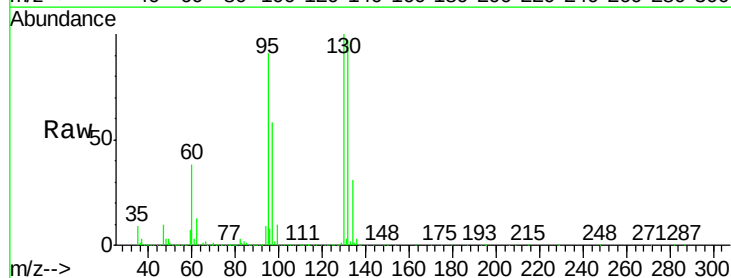
MMDadoda
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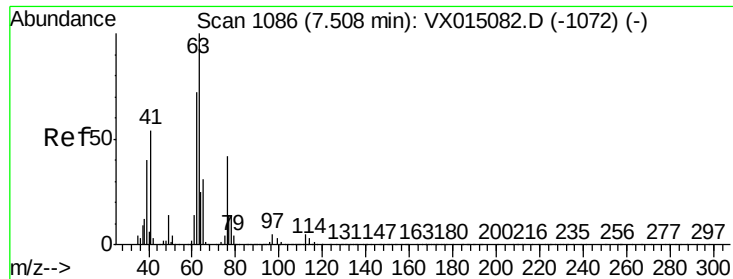


#44

Trichloroethene
 Concen: 272.885 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	181.2





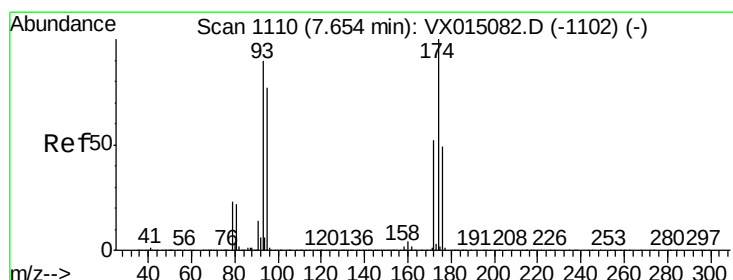
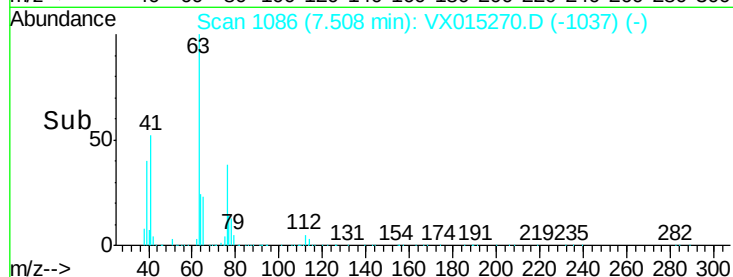
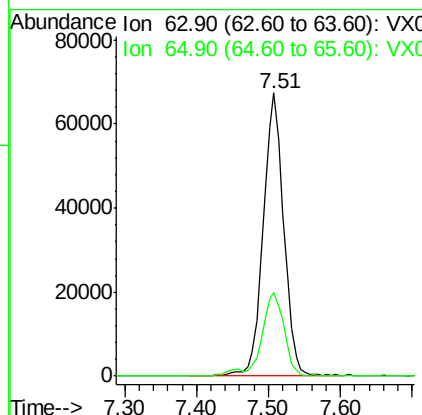
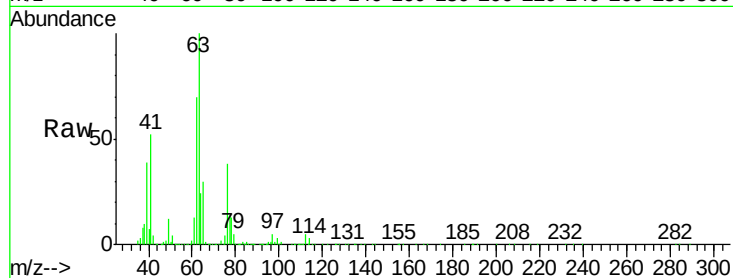
#45
 1,2-Dichloropropane
 Concen: 53.364 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	24.6	36.8

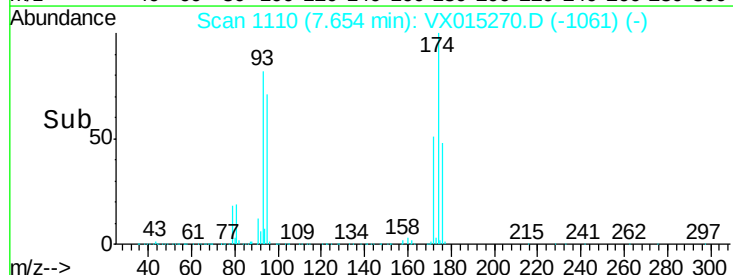
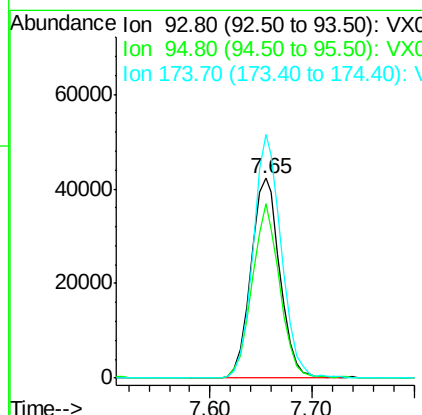
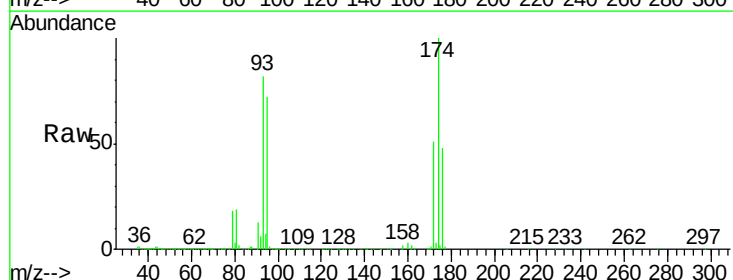
Manual Integrations
 APPROVED

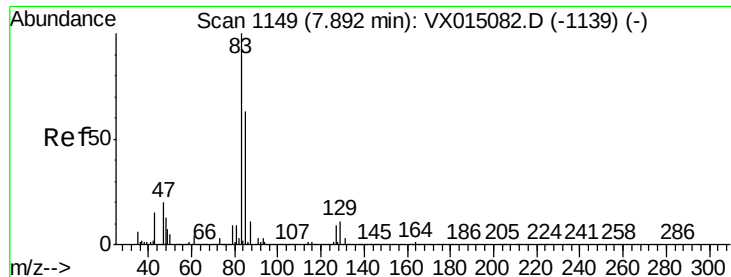
MMDadoda
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#46
 Dibromomethane
 Concen: 51.381 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	67.8	101.8
174	118.3	91.0	136.4





#47

Bromodichloromethane

Concen: 51.956 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

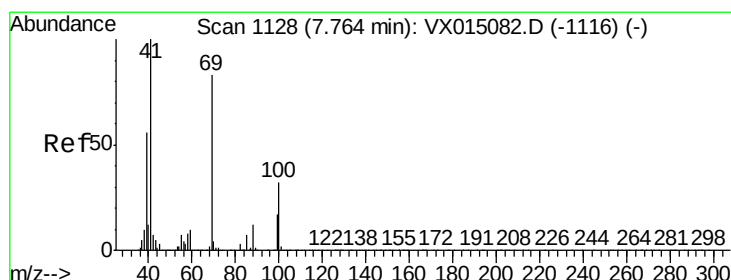
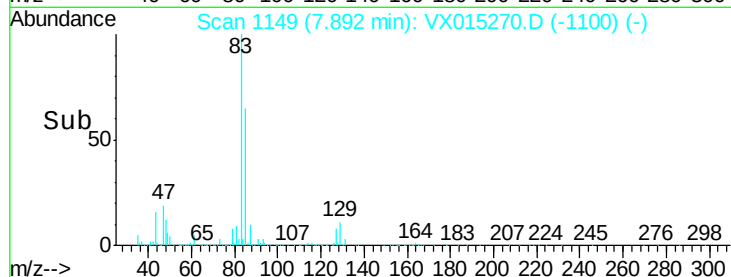
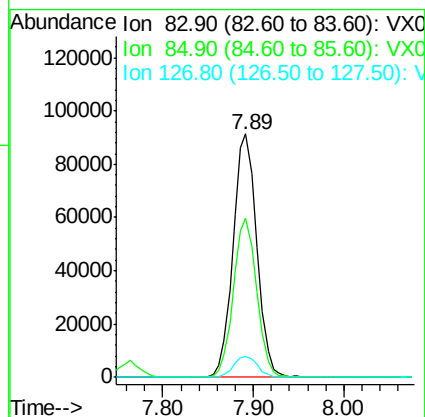
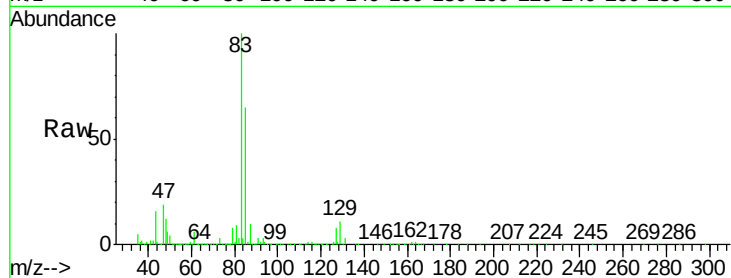
ClientSampleId :

RE131D1-20200309MSD

Tot Ion:	83	Resp:	167402
Ion Ratio	Lower	Upper	
83	100		
85	65.3	50.6	75.8
127	8.4	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.624 ug/l

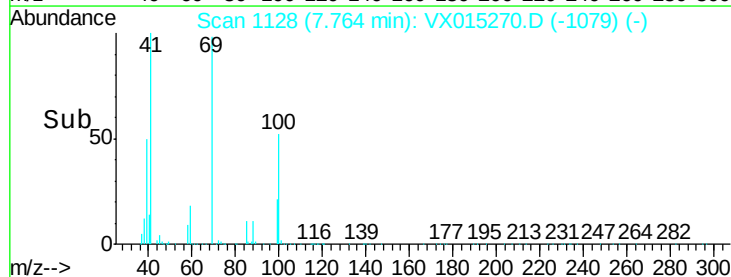
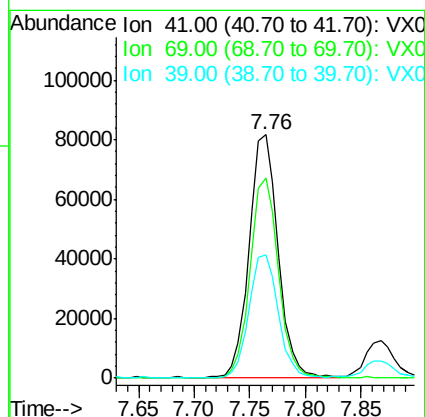
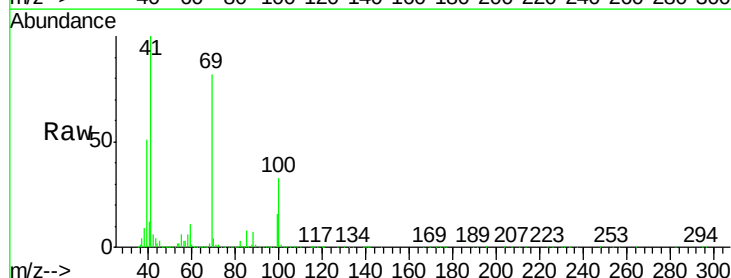
RT: 7.76 min Scan# 1128

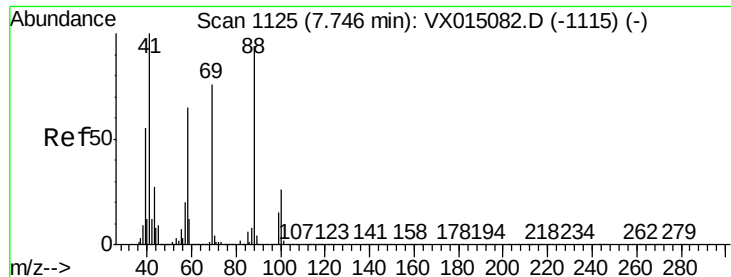
Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Tgt Ion:	41	Resp:	147725
Ion Ratio	Lower	Upper	
41	100		
69	80.9	65.4	98.2
39	51.3	44.6	67.0





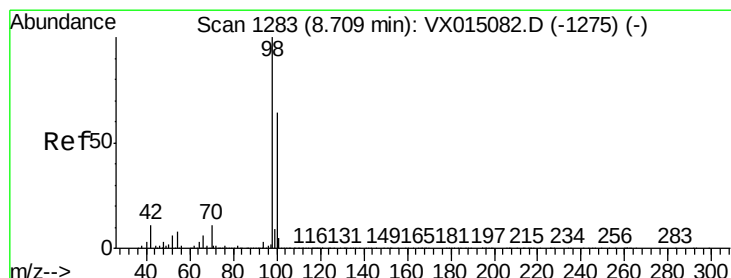
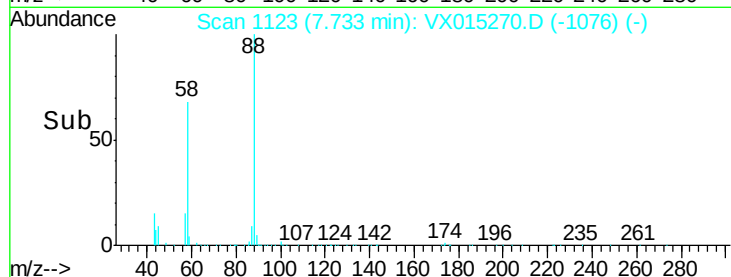
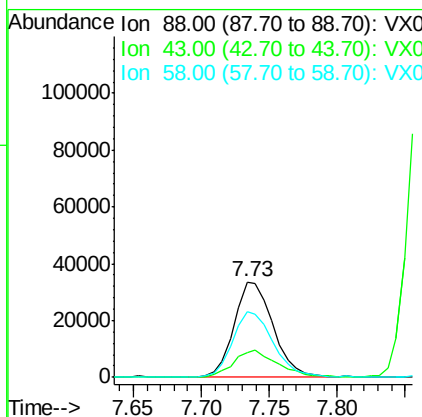
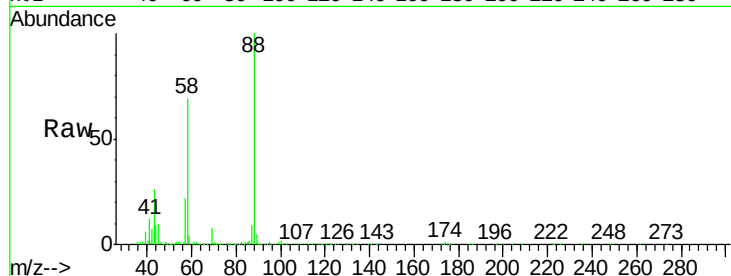
#49
1,4-Dioxane
Concen: 1137.791 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	27.0	40.4
58	72.7	55.6	83.4

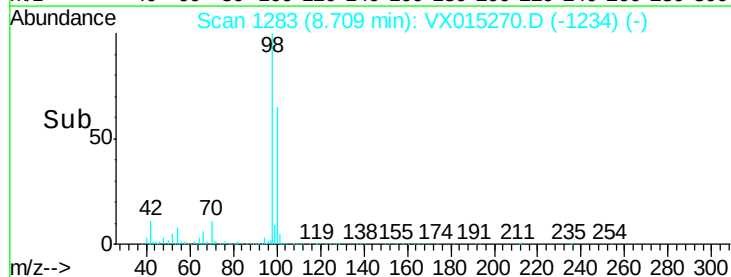
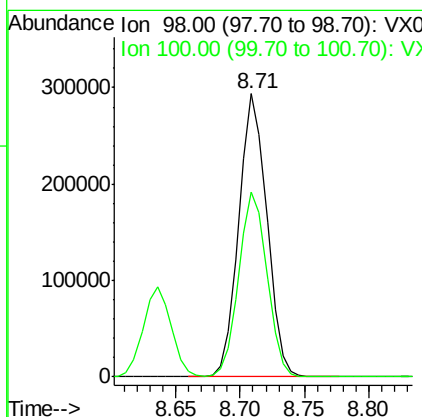
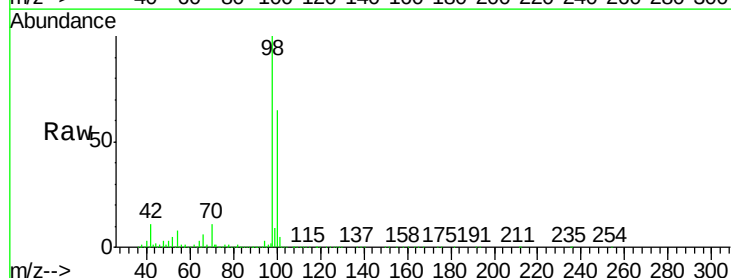
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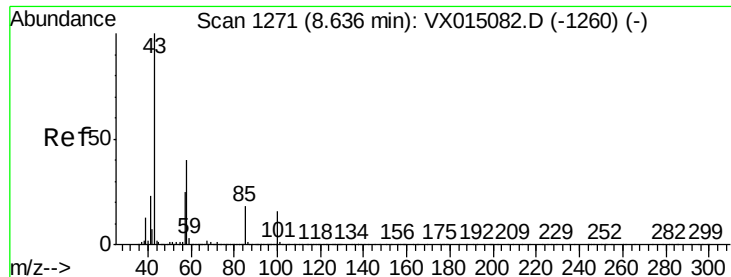
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#50
Toluene-d8
Concen: 52.448 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6





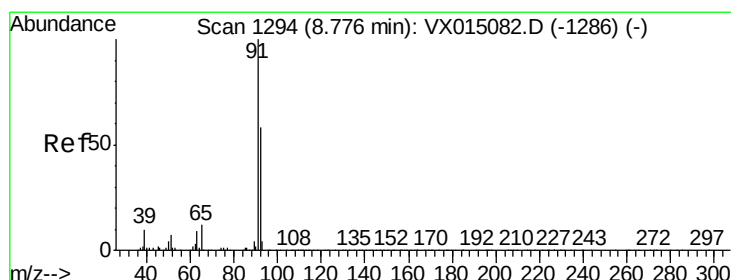
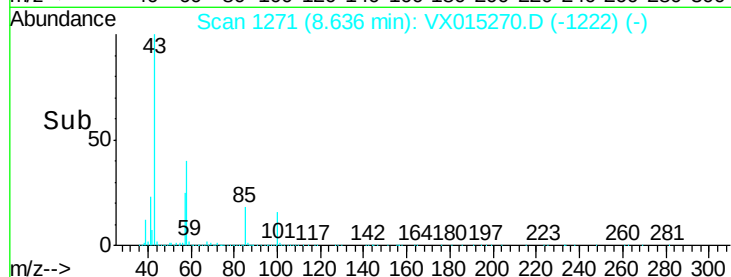
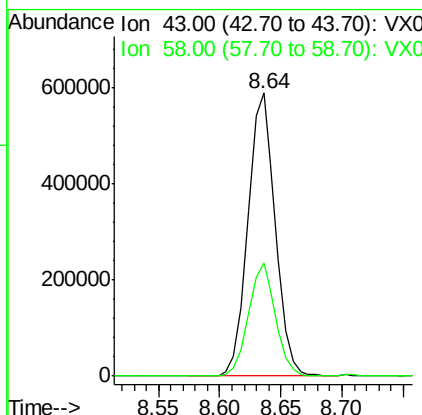
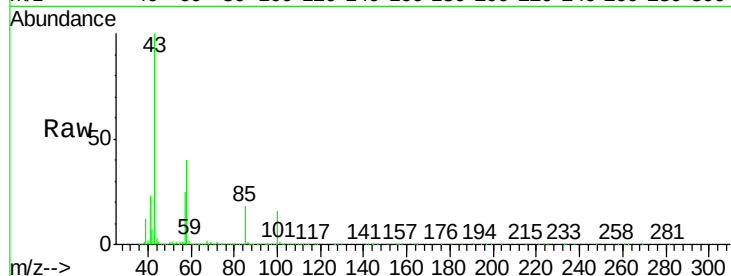
#51
4-Methyl-2-Pentanone
Concen: 290.593 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.6	47.4

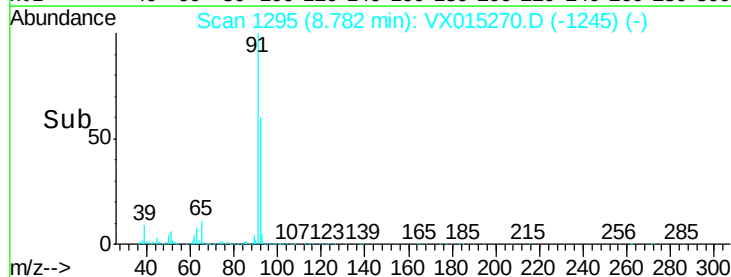
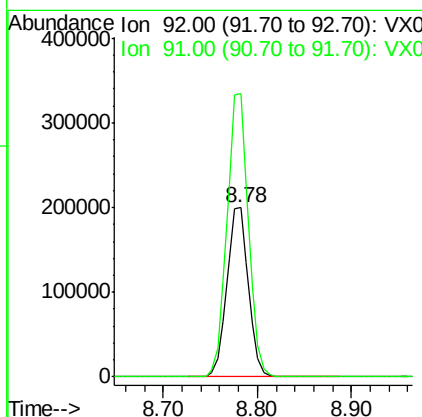
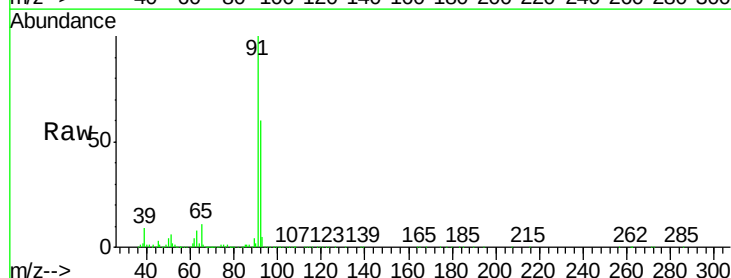
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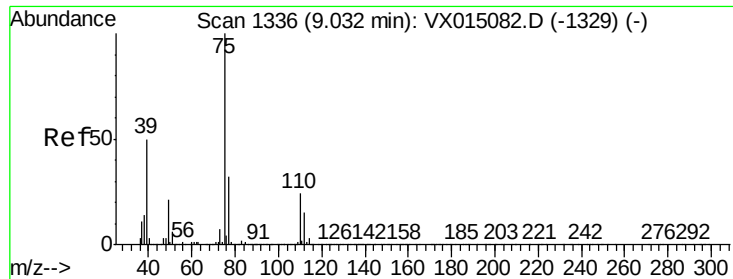
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#52
Toluene
Concen: 53.355 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.2	136.9	205.3





#53

t-1,3-Dichloropropene

Concen: 52.195 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

Tot Ion: 75 Resp: 179001

Ion Ratio Lower Upper

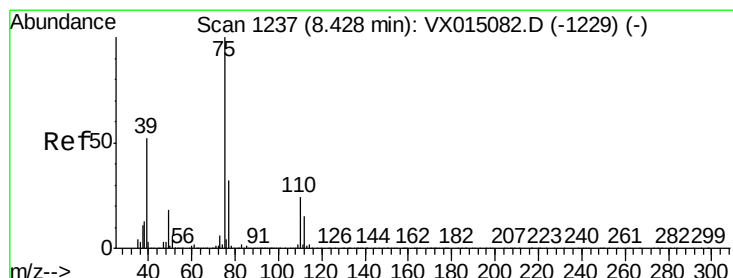
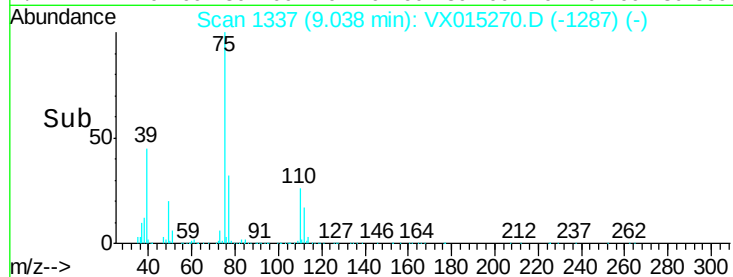
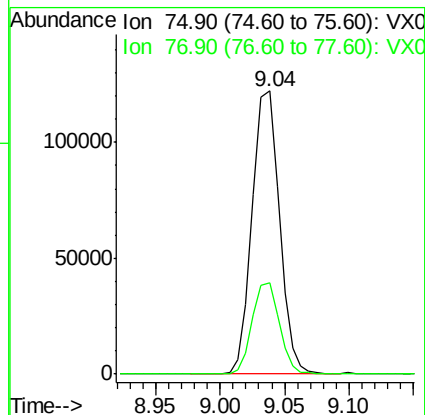
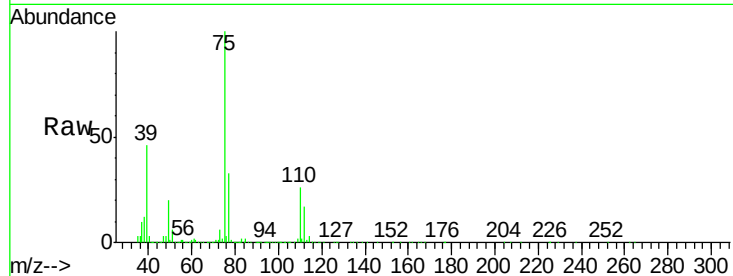
75 100

77 32.5 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 51.817 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

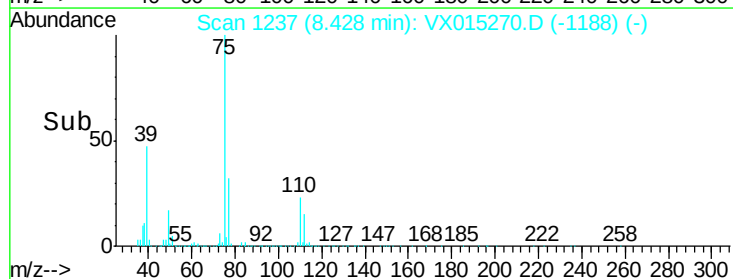
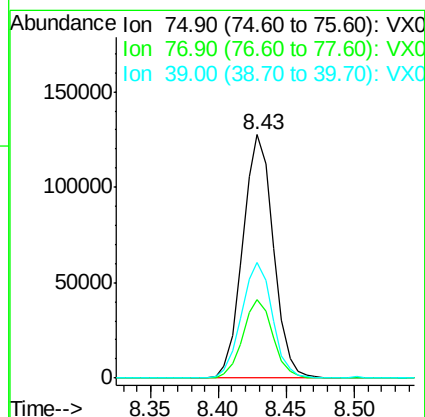
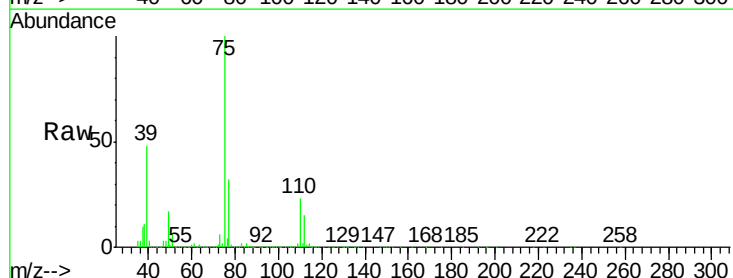
Tgt Ion: 75 Resp: 200895

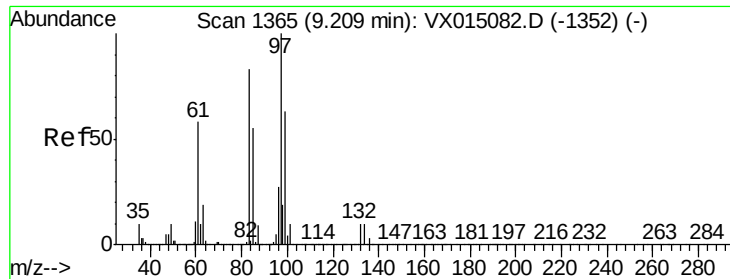
Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6

39 47.4 41.3 61.9





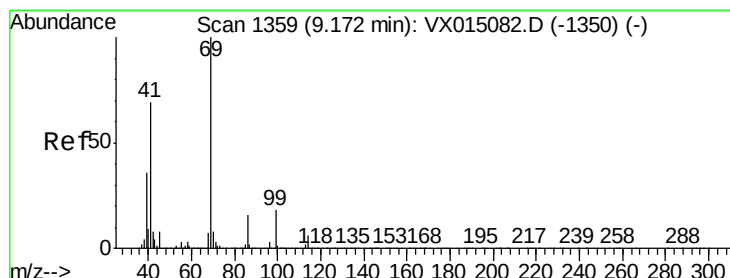
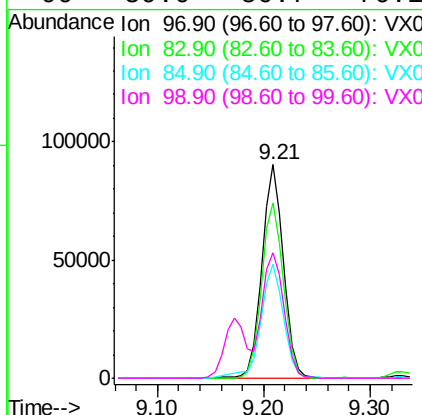
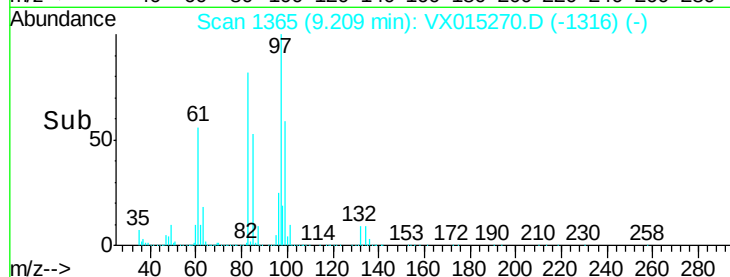
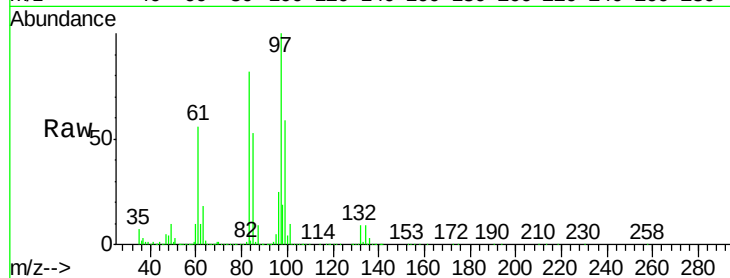
#55
 1,1,2-Trichloroethane
 Concen: 52.580 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		127833		
83	82.2	66.4	99.6		
85	53.3	43.5	65.3		
99	59.0	50.7	76.1		

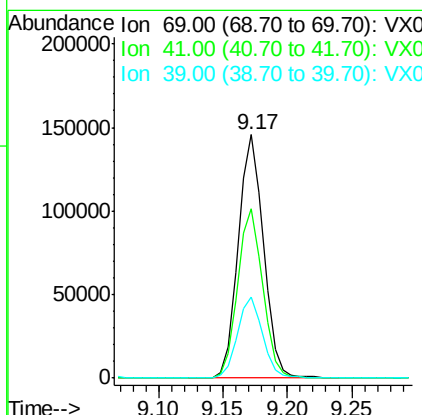
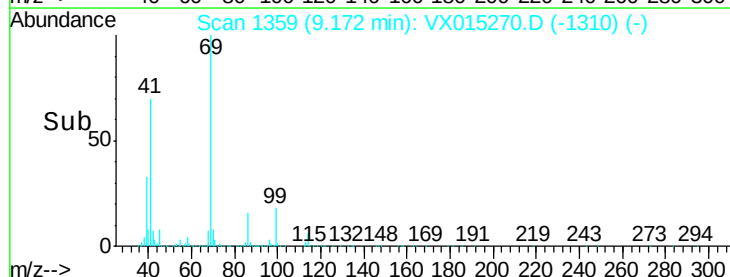
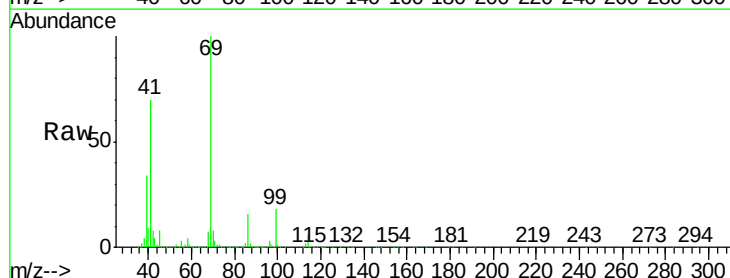
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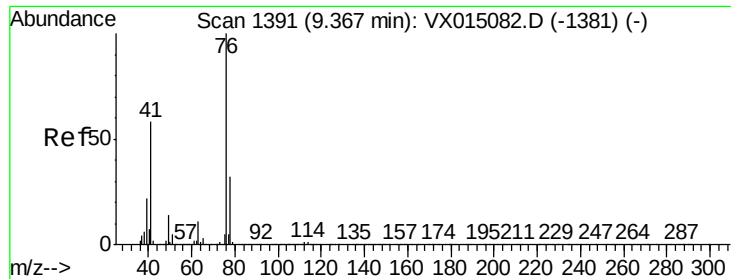
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#56
 Ethyl methacrylate
 Concen: 56.817 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		197031		
41	69.0	55.8	83.8		
39	33.5	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 51.814 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

Tot Ion: 76 Resp: 211930

Ion Ratio Lower Upper

76 100

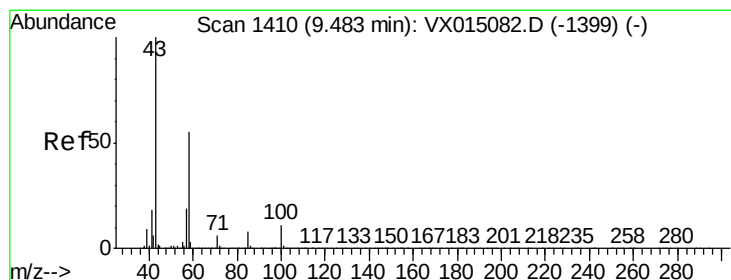
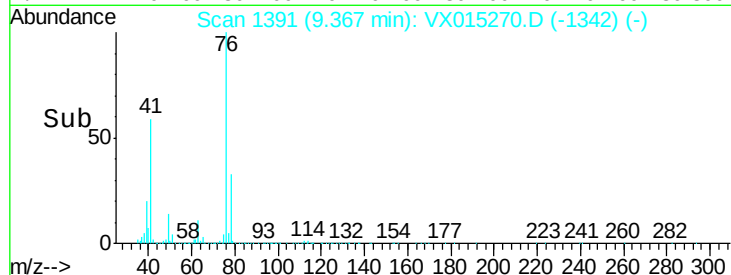
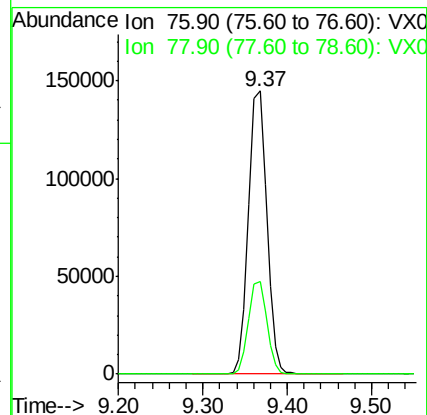
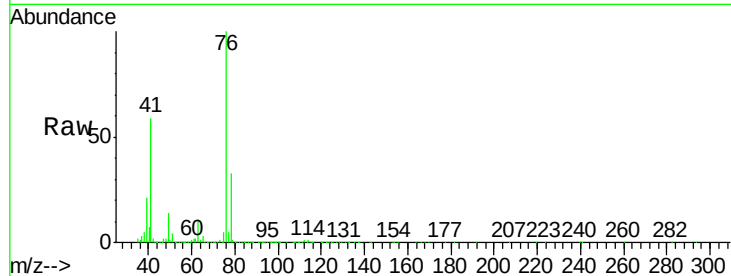
78 33.1 25.6 38.4

Manual Integrations

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#59

2-Hexanone

Concen: 293.291 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX015270.D

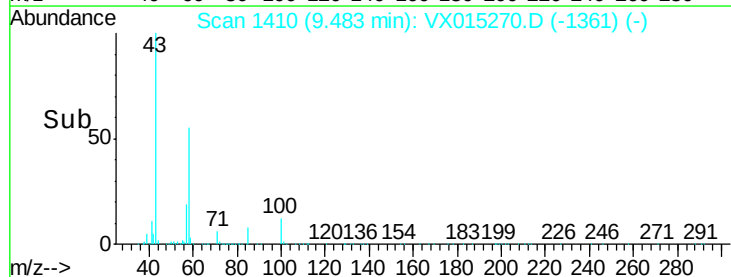
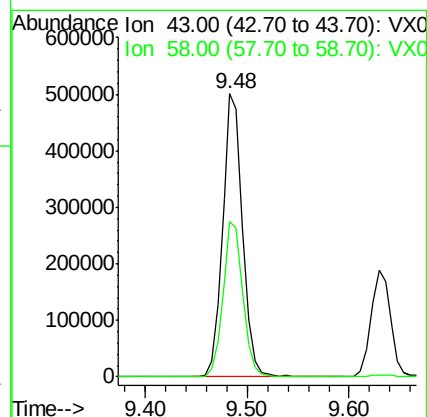
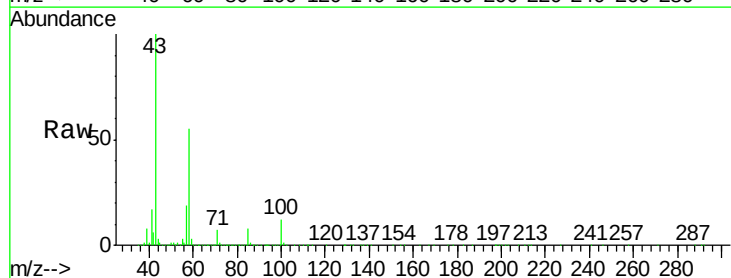
Acq: 13 Mar 2020 19:06

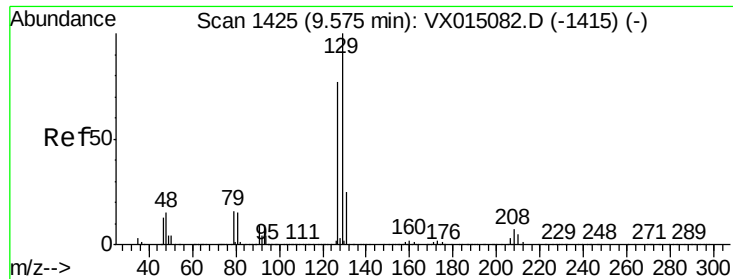
Tgt Ion: 43 Resp: 682944

Ion Ratio Lower Upper

43 100

58 54.8 27.3 81.8





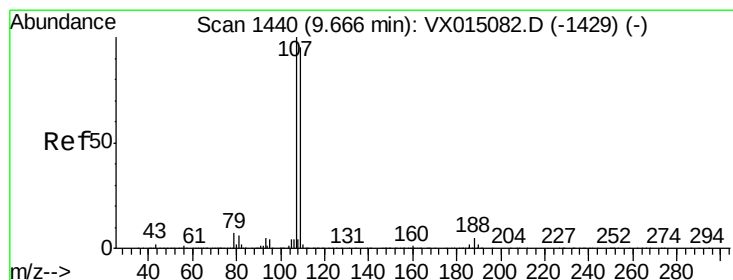
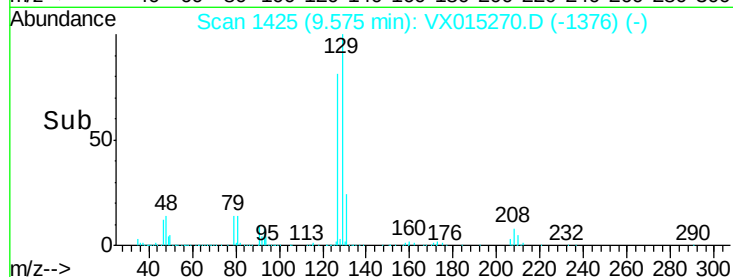
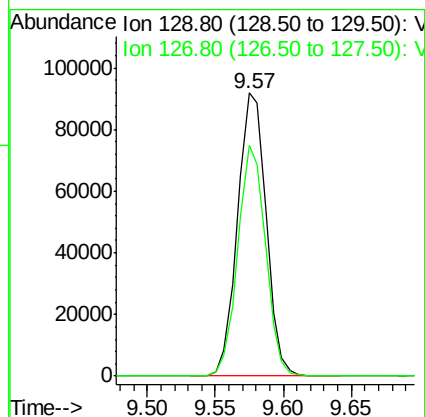
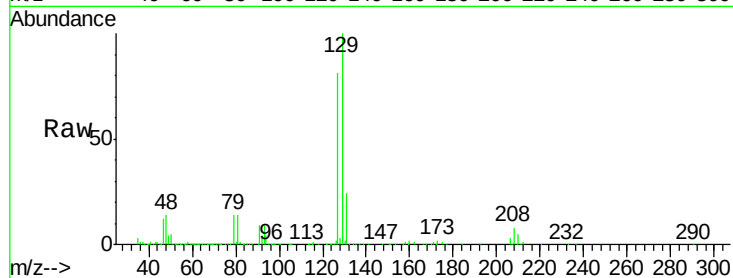
#60
 Dibromochloromethane
 Concen: 52.825 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	79.2	38.8	116.3

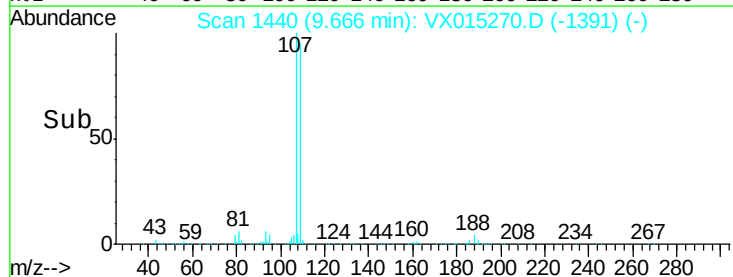
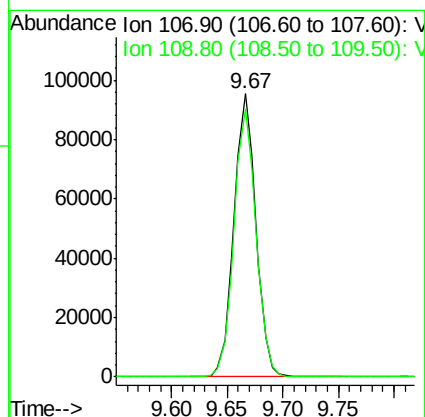
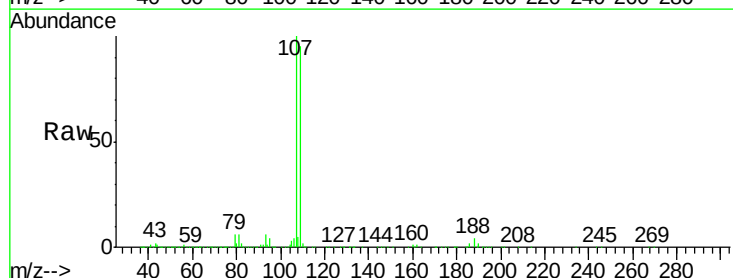
Manual Integrations
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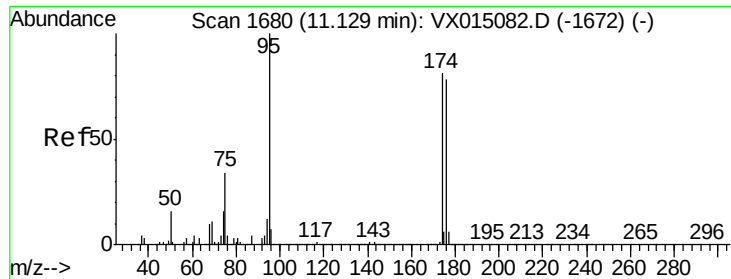
MMDadoda
 3/16/2020 2:07:28 PM



#61
 1,2-Dibromoethane
 Concen: 51.096 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.6	113.4





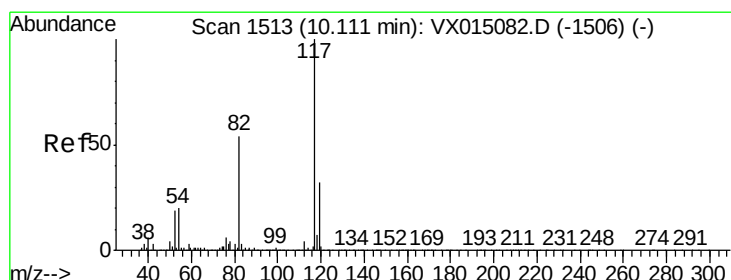
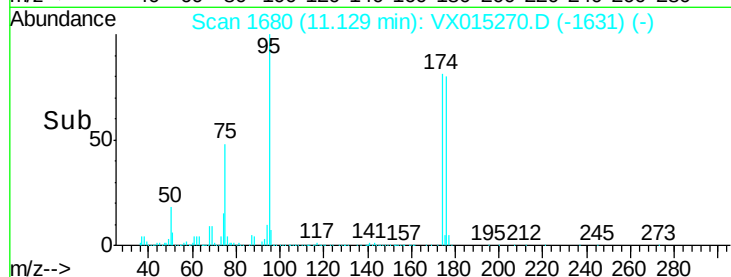
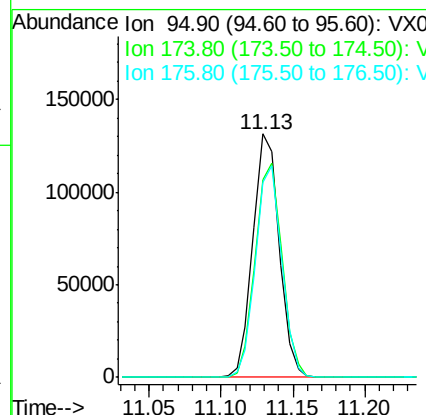
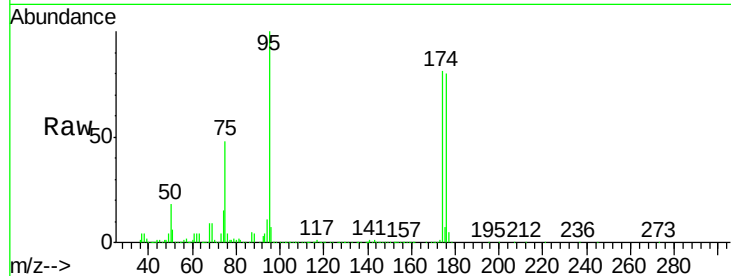
#62
4-Bromofluorobenzene
Concen: 54.938 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	165632		
174	89.4	0.0	177.6	
176	86.8	0.0	170.2	

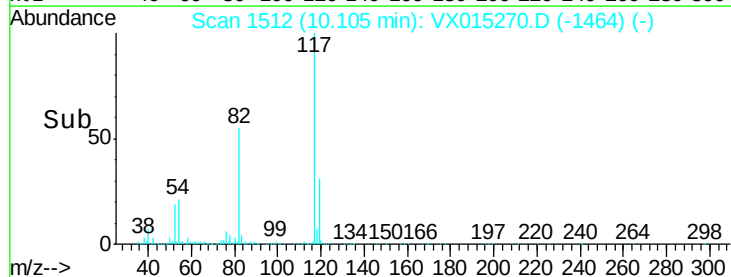
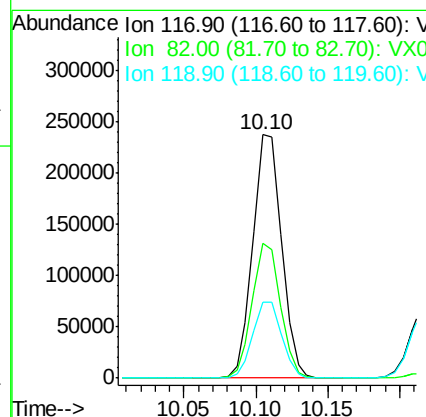
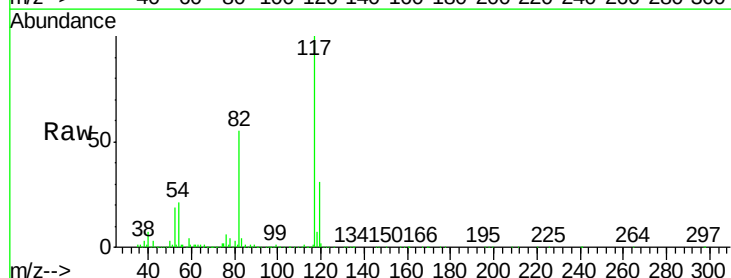
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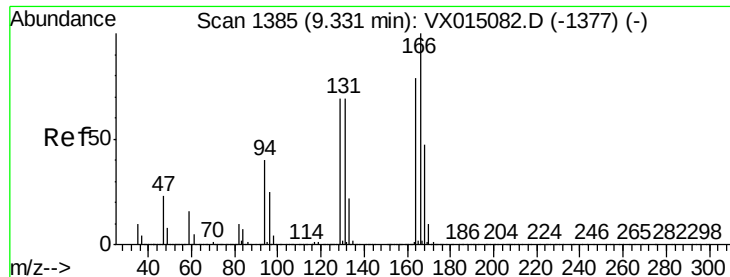
MMDadoda
3/16/2020 2:07:28 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	327489		
82	55.3	43.3	64.9	
119	31.4	25.8	38.8	





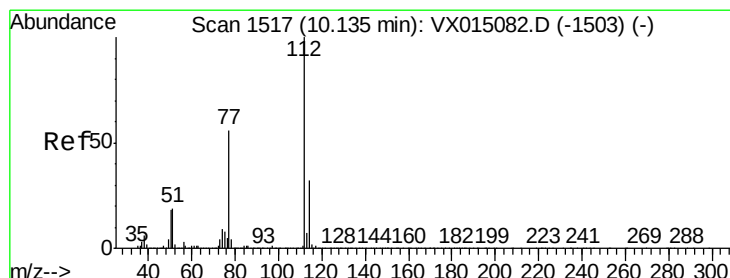
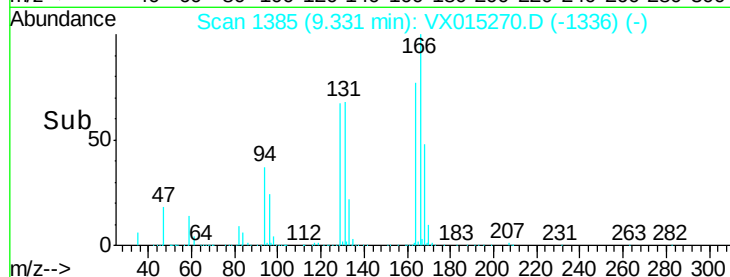
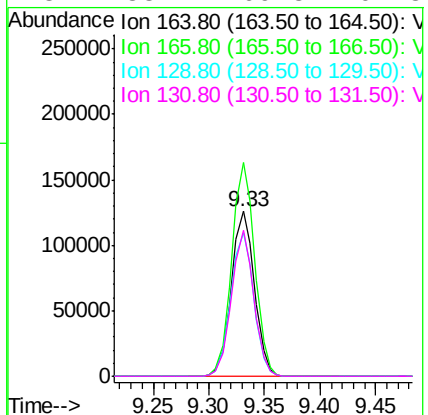
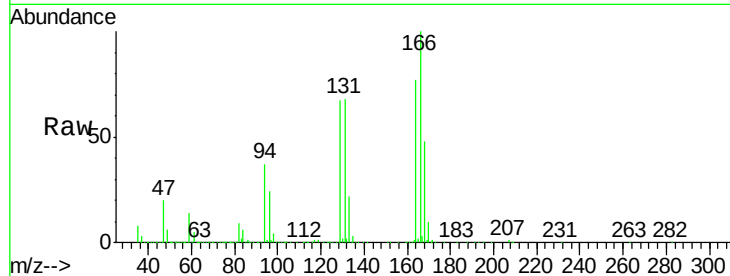
#64
Tetrachloroethene
Concen: 66.737 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.6	101.1	151.7
129	87.1	69.4	104.0
131	88.2	69.8	104.8

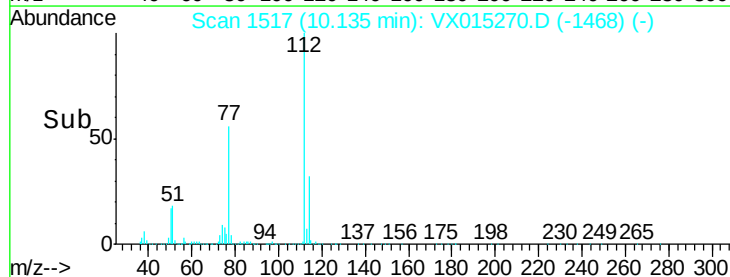
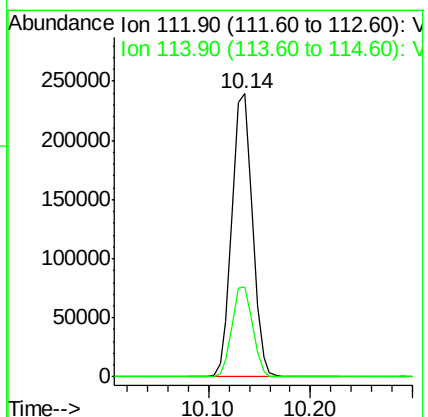
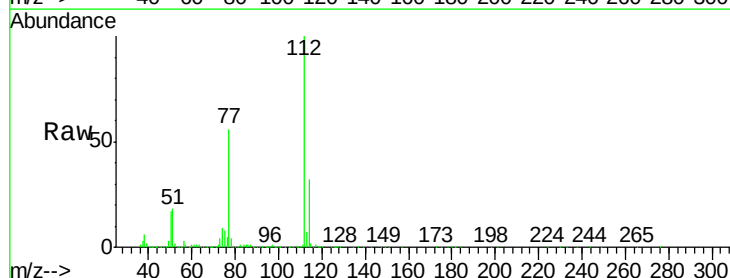
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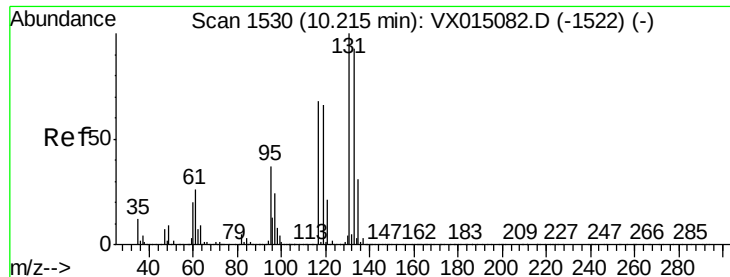
MMDadoda
3/16/2020 2:07:28 PM



#65
Chlorobenzene
Concen: 50.378 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.5	38.3





#66

1,1,1,2-Tetrachloroethane

Concen: 50.527 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

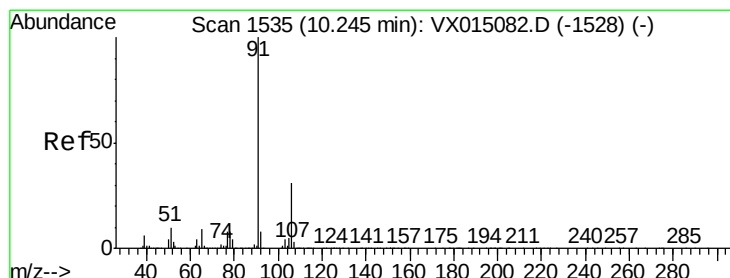
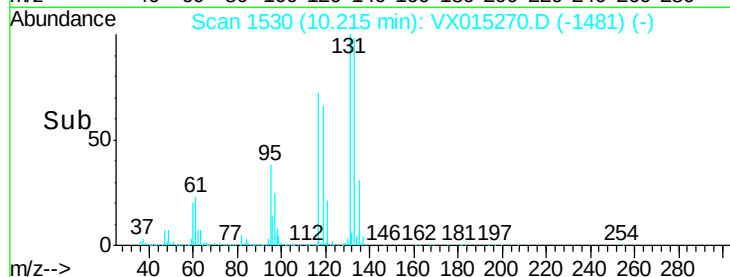
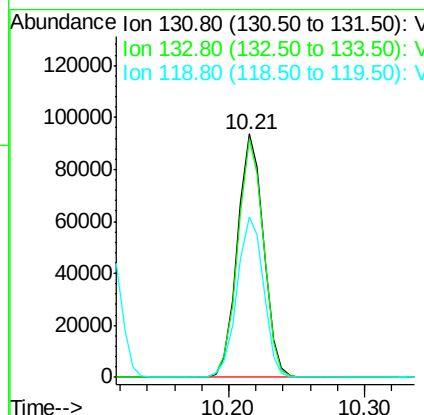
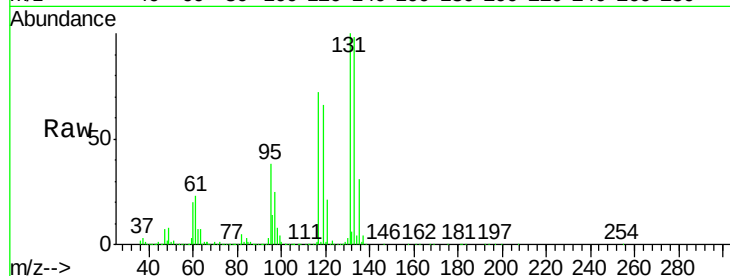
ClientSampleId :

RE131D1-20200309MSD

Tot Ion:	131	Resp:	125266
Ion Ratio	Lower	Upper	
131	100		
133	96.8	47.5	142.5
119	66.9	33.4	100.1

Manual Integrations
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#67

Ethyl Benzene

Concen: 52.316 ug/l

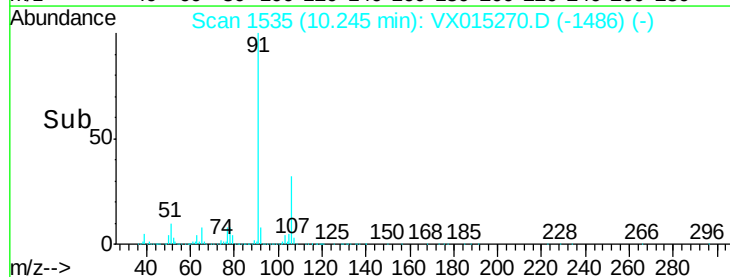
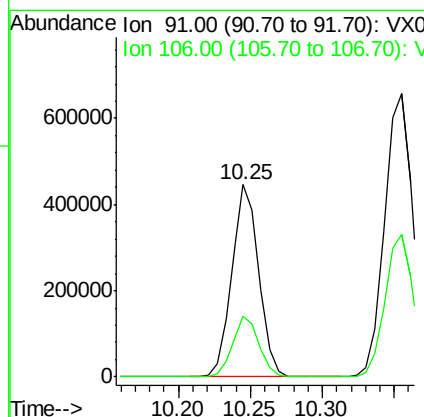
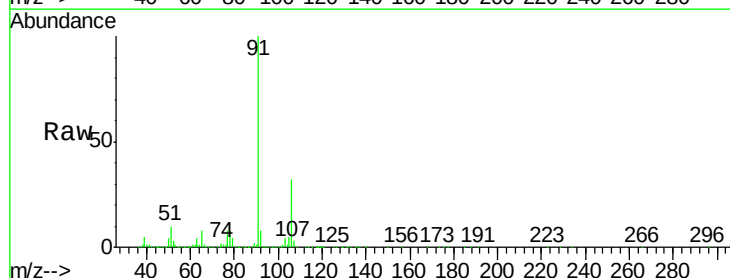
RT: 10.25 min Scan# 1535

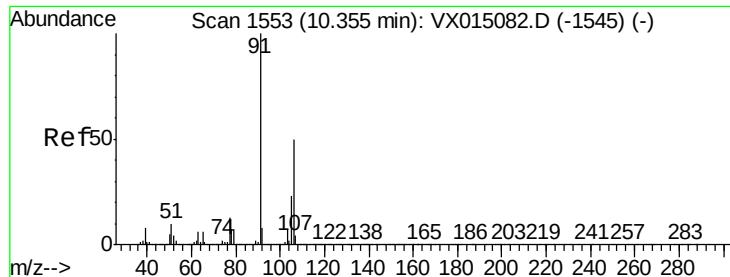
Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Tgt Ion:	91	Resp:	584097
Ion Ratio	Lower	Upper	
91	100		
106	31.7	24.9	37.3





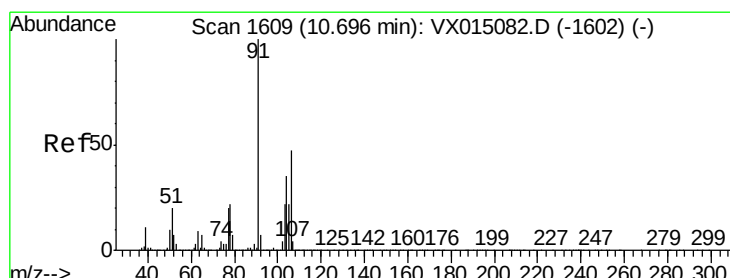
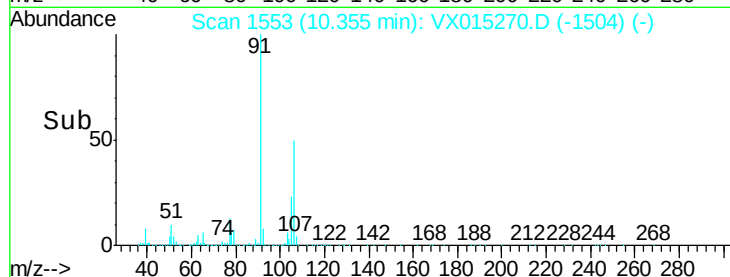
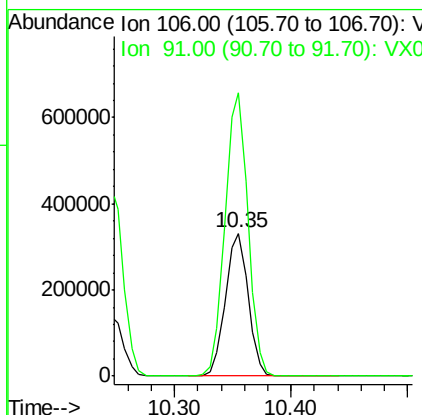
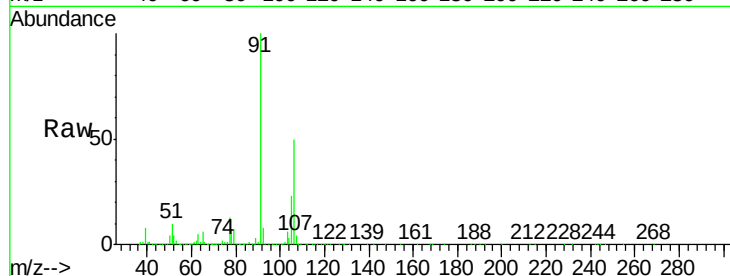
#68
m/p-Xylenes
Concen: 105.625 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	199.7	159.4	239.2

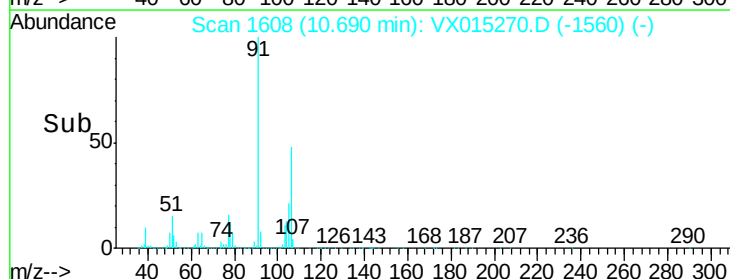
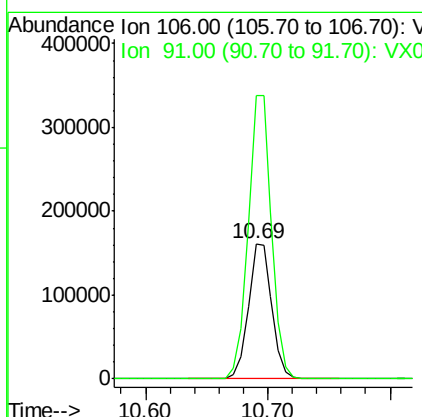
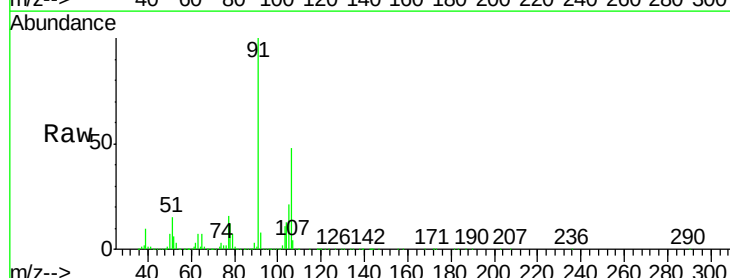
Manual Integrations
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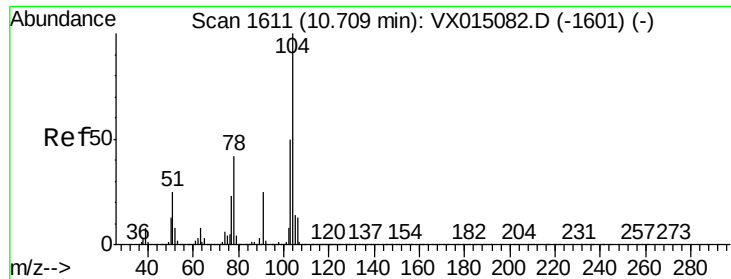
MMDadoda
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#69
o-Xylene
Concen: 52.542 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.5	105.4	316.1





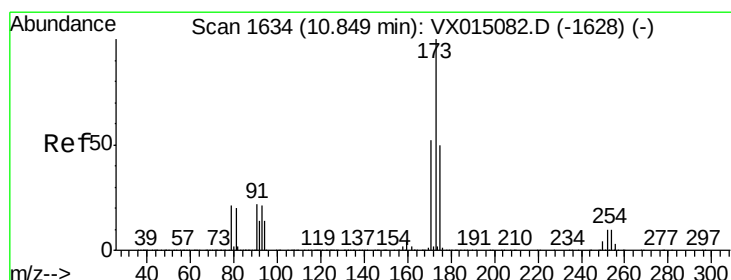
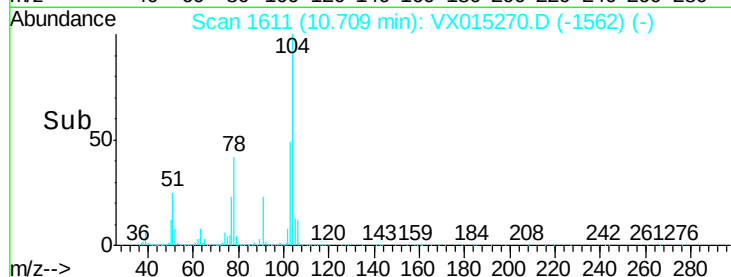
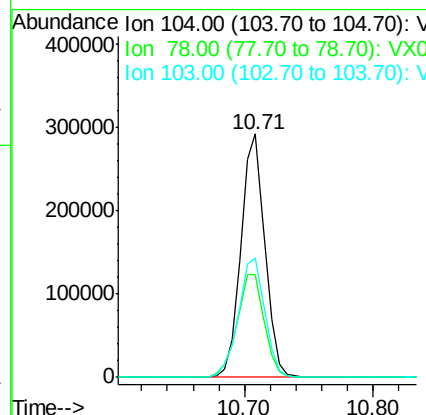
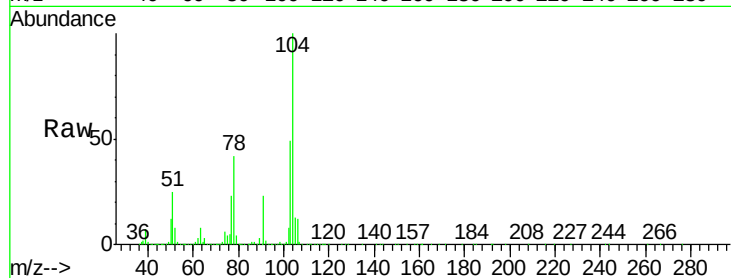
#70
Stvrene
Concen: 54.355 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.3	39.0	58.4
103	54.3	43.7	65.5

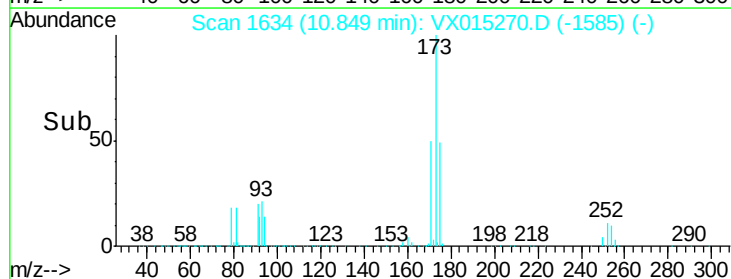
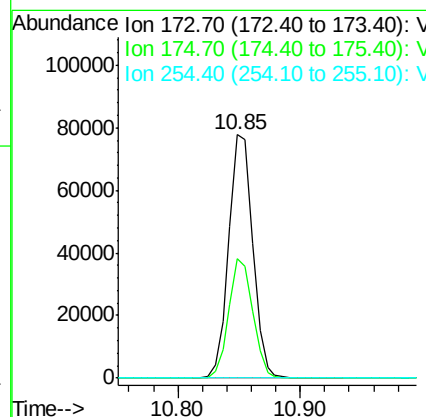
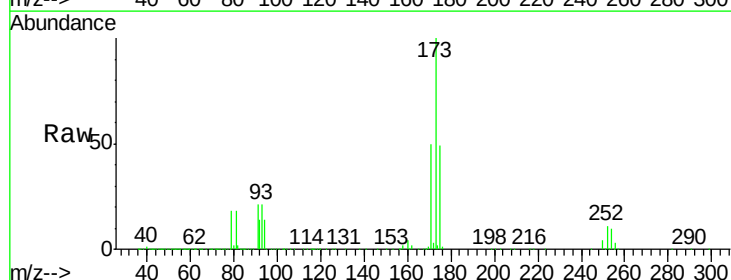
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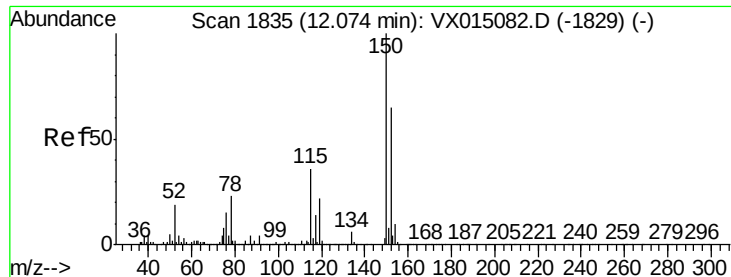
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#71
Bromoform
Concen: 55.156 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.9	74.7
254	0.3	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

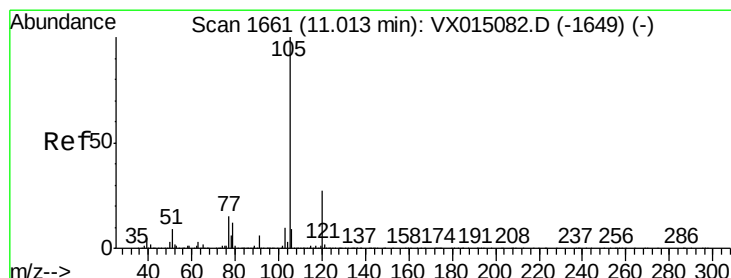
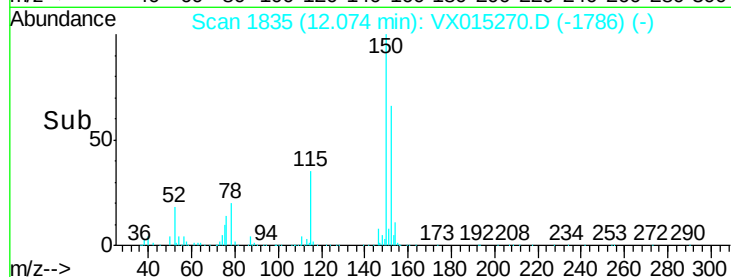
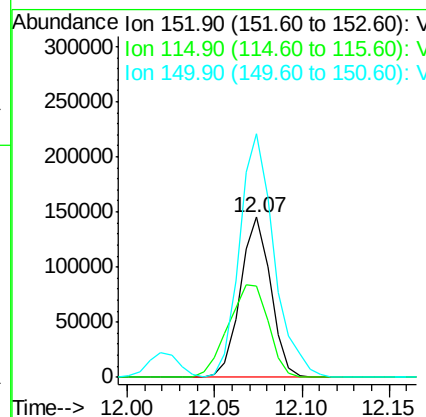
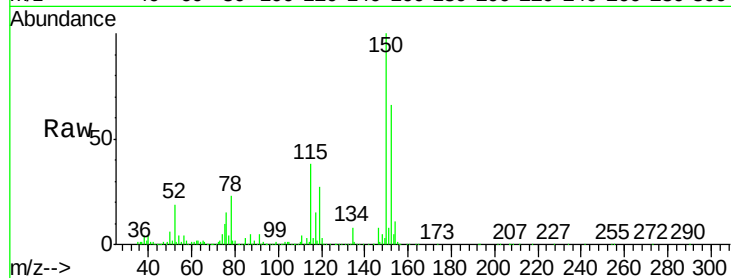
ClientSampleId :

RE131D1-20200309MSD

Tot Ion:	152	Resp:	175573
Ion Ratio	Lower	Upper	
152	100		
115	76.7	38.2	114.6
150	171.8	0.0	343.8

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#73

Isopropylbenzene

Concen: 51.515 ug/l

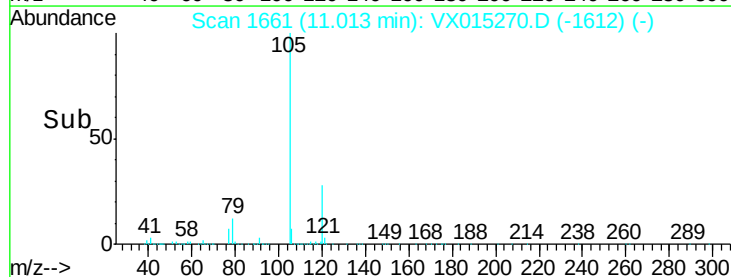
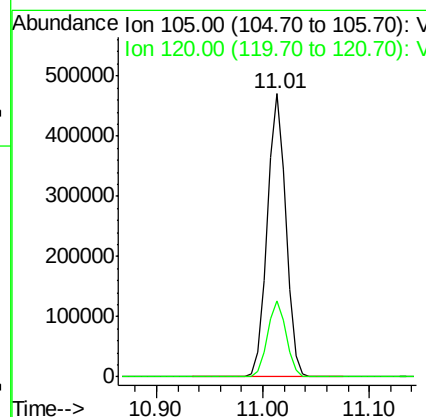
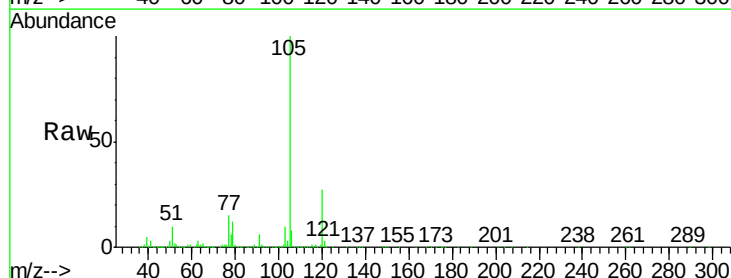
RT: 11.01 min Scan# 1661

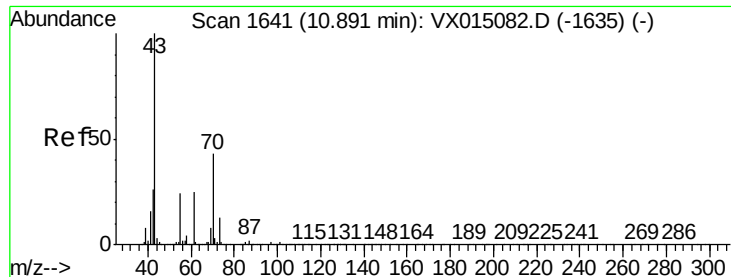
Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Tgt Ion:	105	Resp:	577783
Ion Ratio	Lower	Upper	
105	100		
120	26.9	13.5	40.5





#74

N-amvl acetate

Concen: 50.388 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

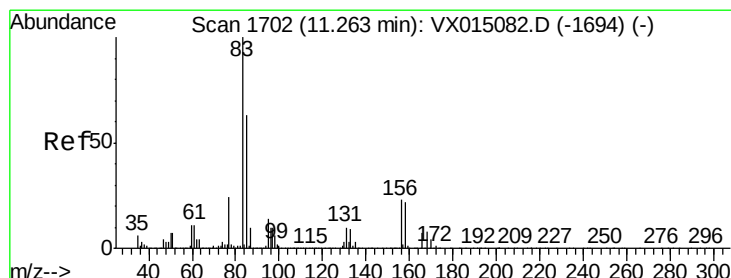
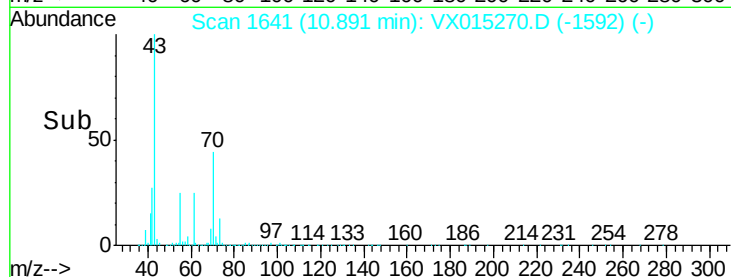
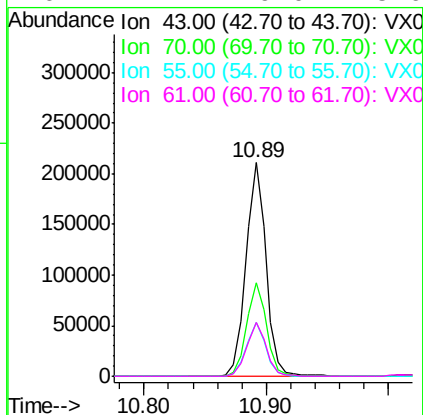
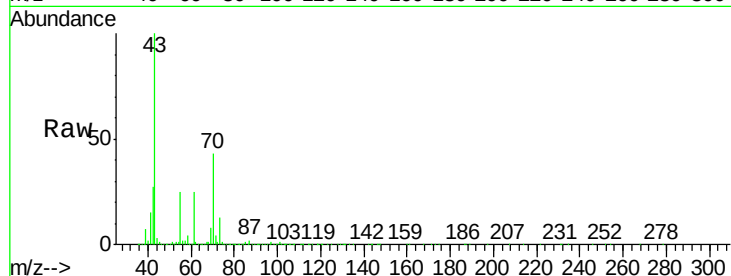
ClientSampleId :

RE131D1-20200309MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	43.9	34.7	52.1		
55	24.7	19.4	29.0		
61	24.7	19.0	28.6		

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#75

1,1,2,2-Tetrachloroethane

Concen: 49.699 ug/l

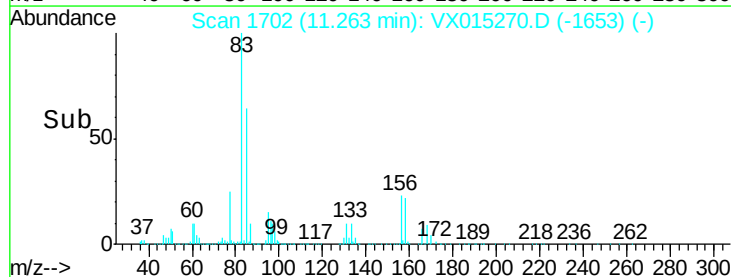
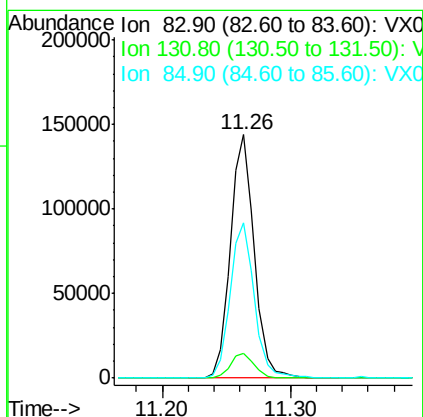
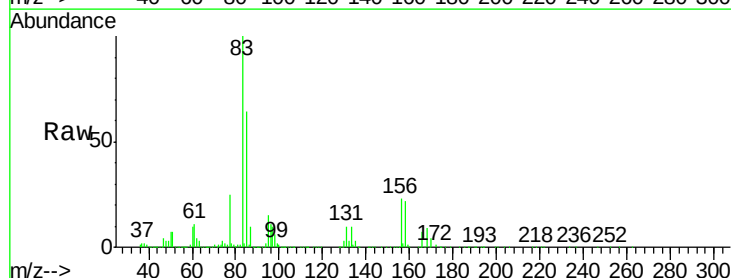
RT: 11.26 min Scan# 1702

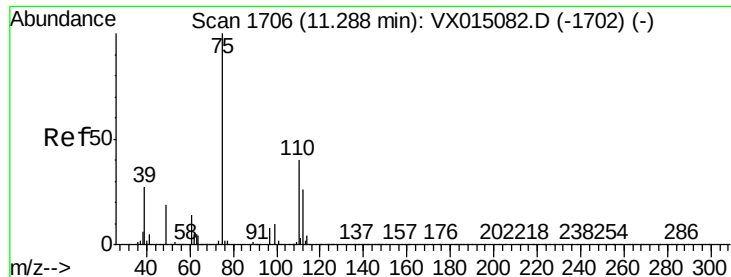
Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	10.3	5.0	14.9		
85	64.8	31.9	95.9		





#76

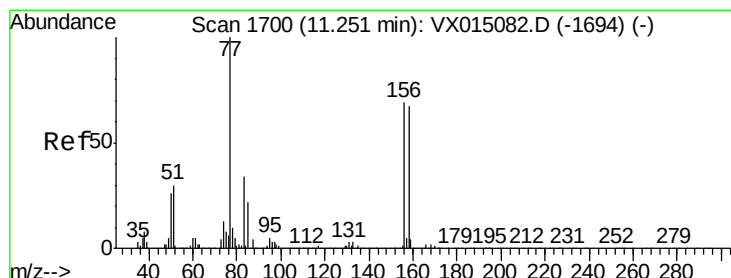
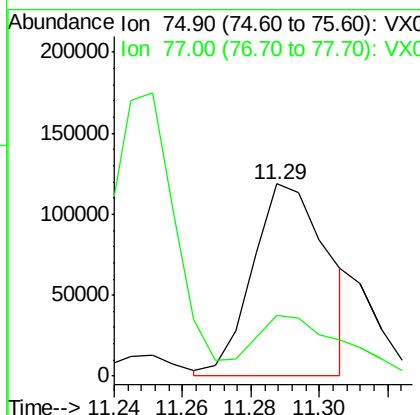
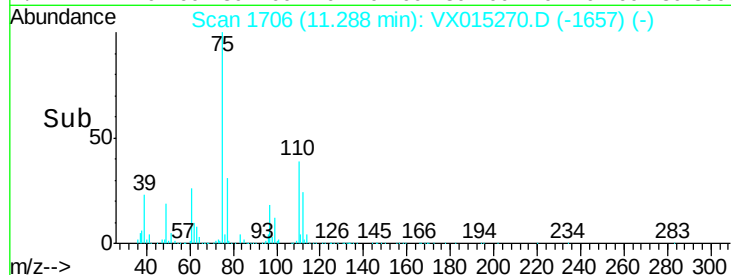
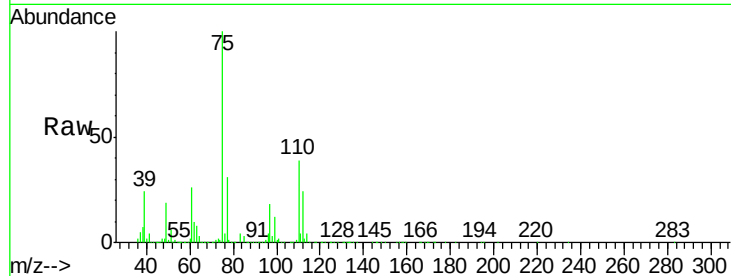
1,2,3-Trichloropropane
Concen: 51.561 ug/l m
RT: 11.29 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion: 75 Resp: 180573
Ion Ratio Lower Upper
75 100
77 35.9 22.6 67.8

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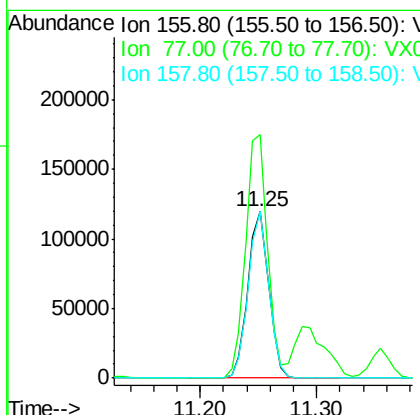
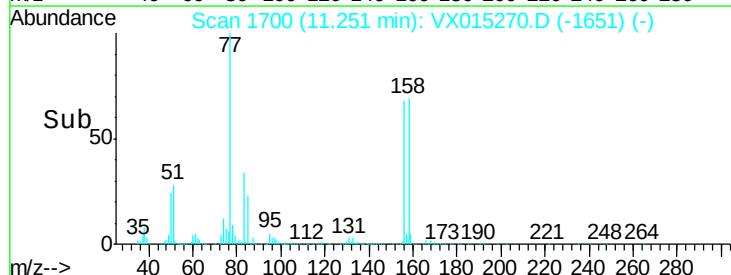
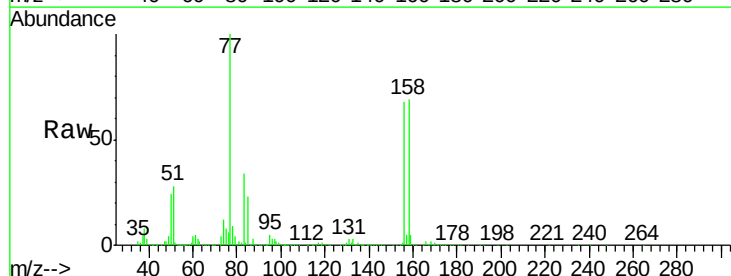
MMDadoda
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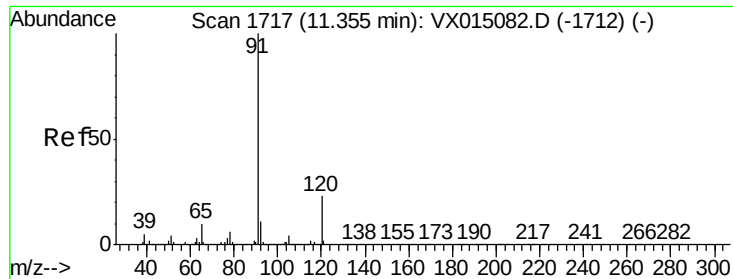


#77

Bromobenzene
Concen: 48.359 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion: 156 Resp: 151156
Ion Ratio Lower Upper
156 100
77 152.6 75.3 225.9
158 98.4 48.5 145.6





#78

n-propylbenzene

Concen: 51.801 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

Tot Ion: 91 Resp: 663752

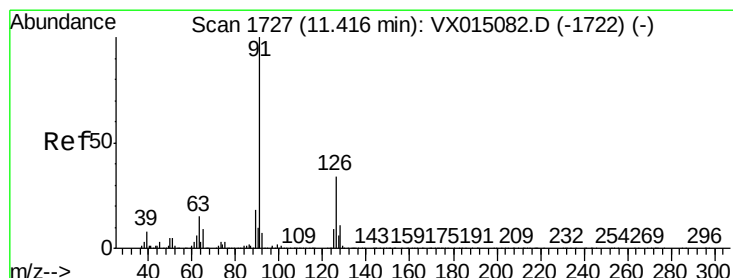
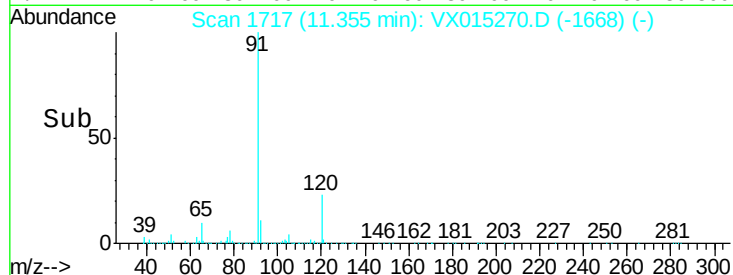
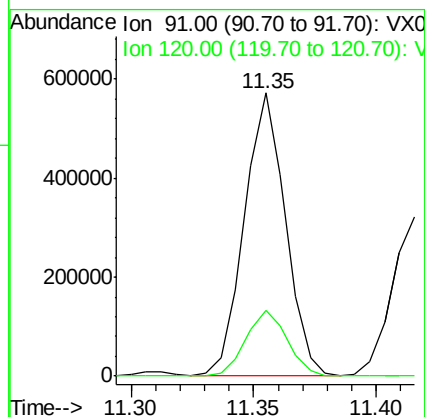
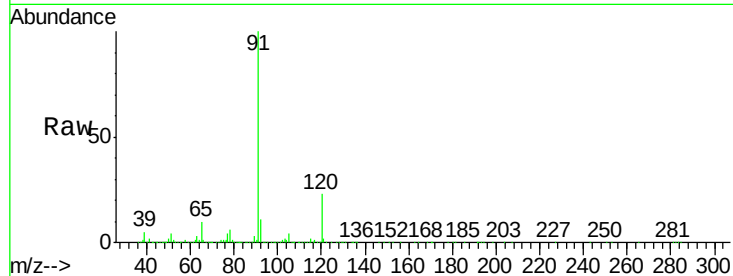
Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.1

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#79

2-Chlorotoluene

Concen: 50.500 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015270.D

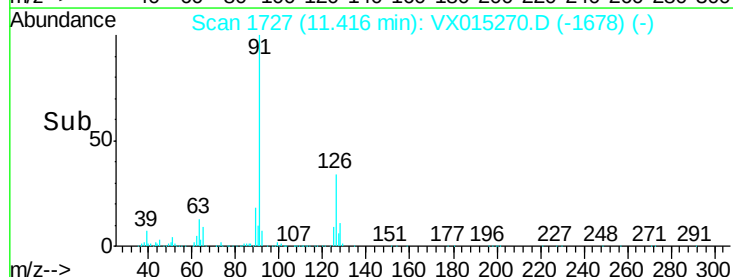
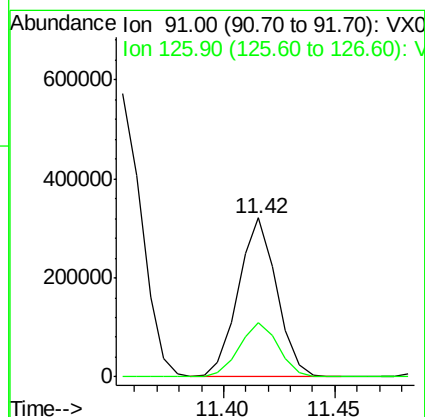
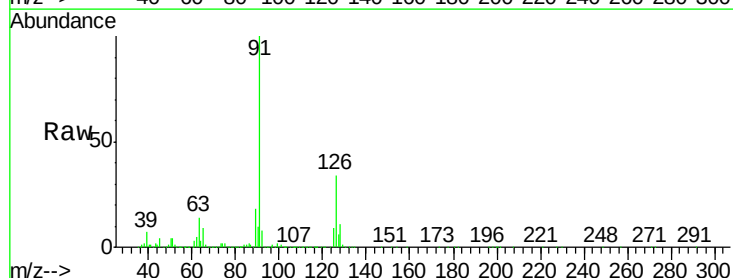
Acq: 13 Mar 2020 19:06

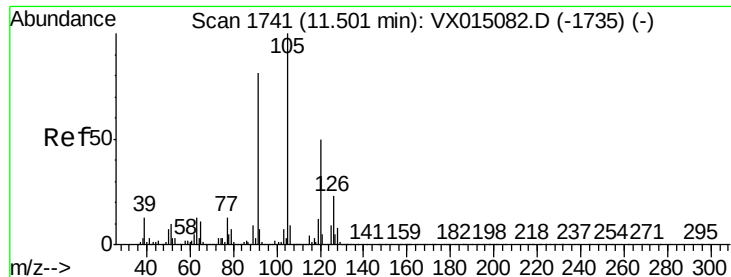
Tgt Ion: 91 Resp: 386437

Ion Ratio Lower Upper

91 100

126 34.6 17.3 52.0





#80

1,3,5-Trimethylbenzene

Concen: 51.597 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

Tot Ion:105 Resp: 481747

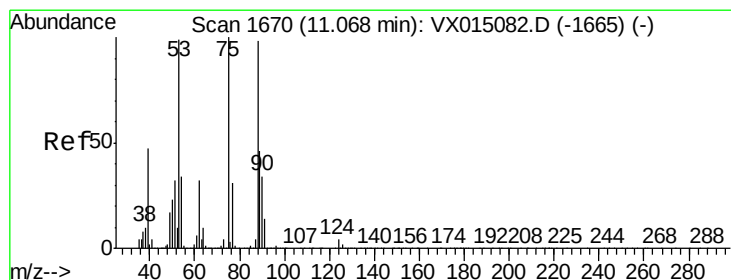
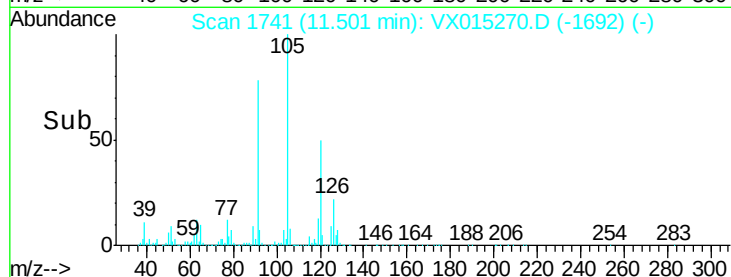
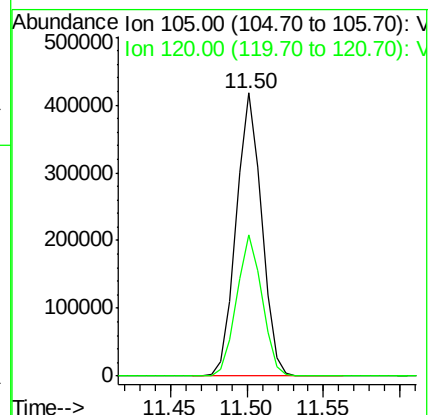
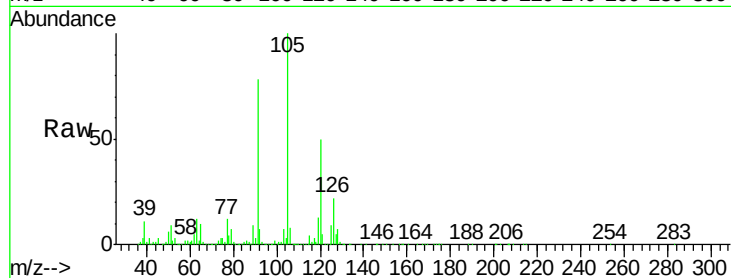
Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.4

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#81

trans-1,4-Dichloro-2-butene

Concen: 48.226 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

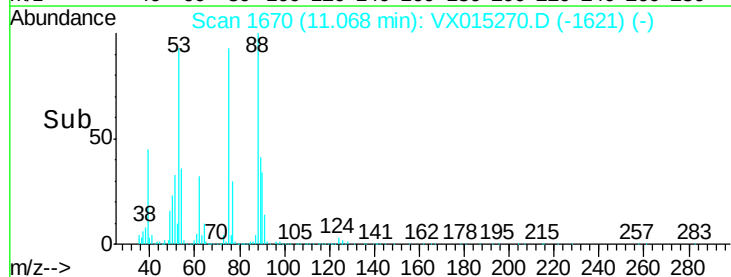
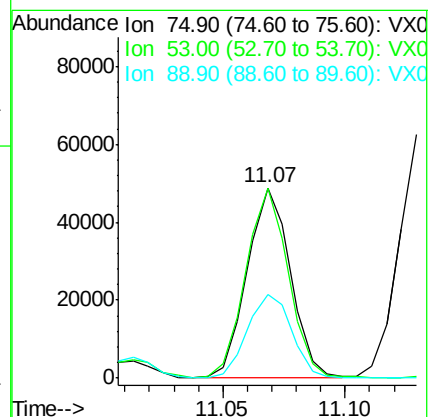
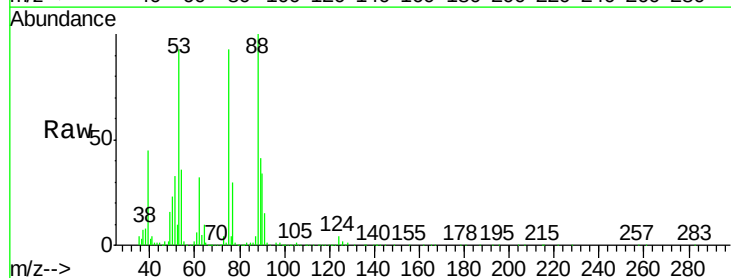
Tgt Ion: 75 Resp: 59512

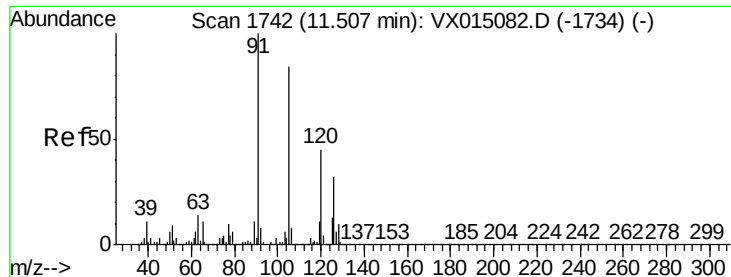
Ion Ratio Lower Upper

75 100

53 97.8 77.9 116.9

89 45.7 36.2 54.2





#82

4-Chlorotoluene

Concen: 49.791 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MSD

Tot Ion: 91 Resp: 450141

Ion Ratio Lower Upper

91 100

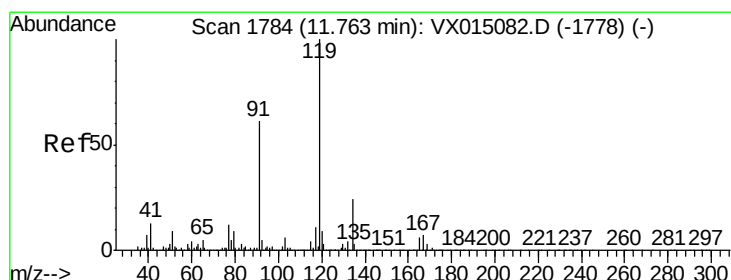
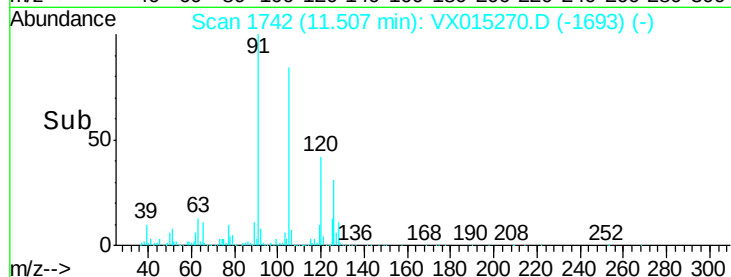
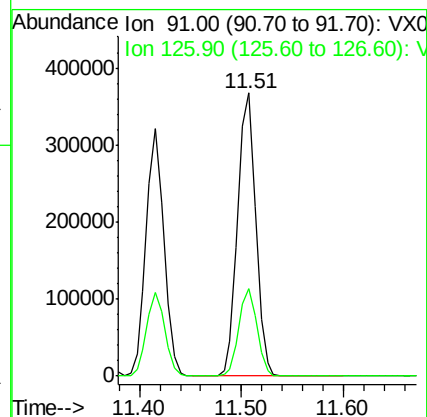
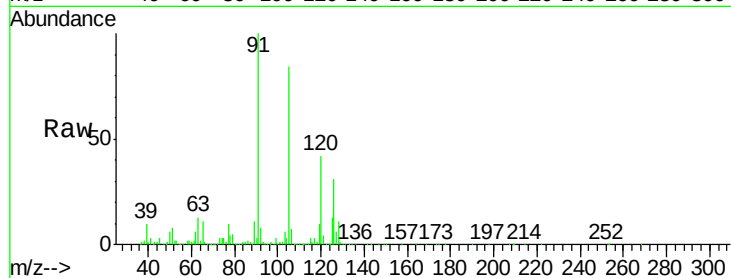
126 30.4 15.4 46.2

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#83

tert-Butylbenzene

Concen: 51.298 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

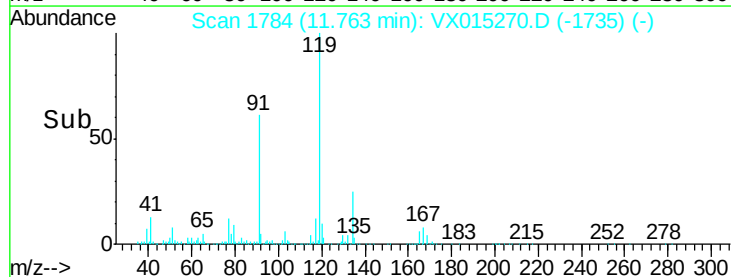
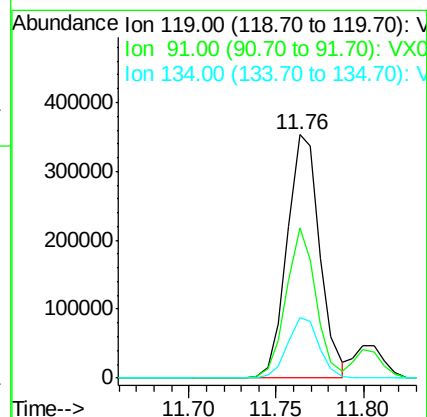
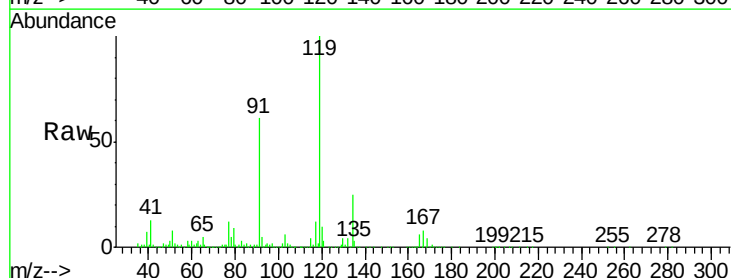
Tgt Ion: 119 Resp: 463108

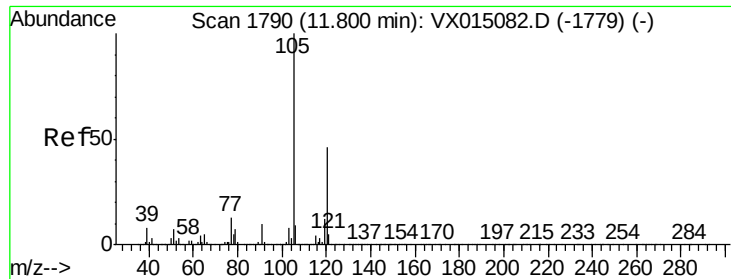
Ion Ratio Lower Upper

119 100

91 56.1 28.5 85.6

134 24.0 11.9 35.7





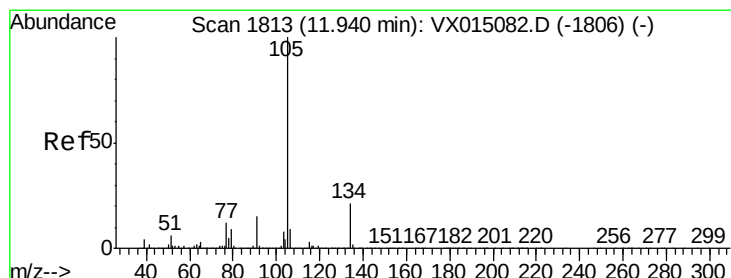
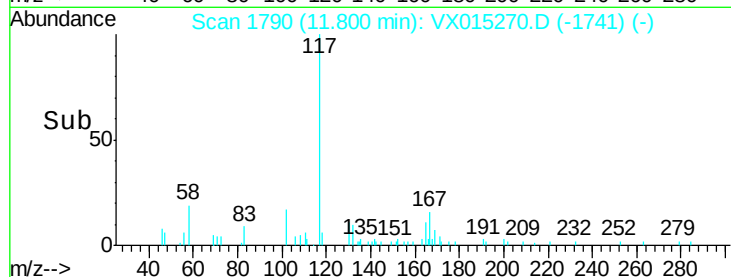
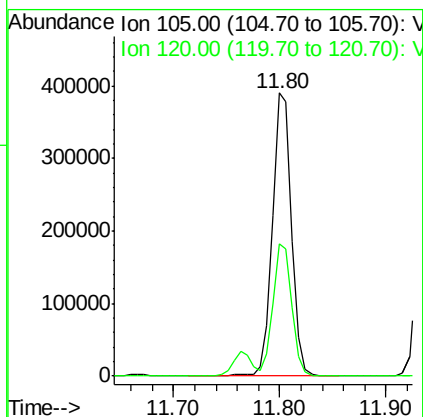
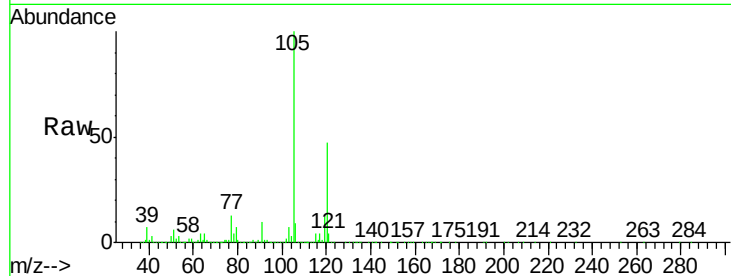
#84
 1,2,4-Trimethylbenzene
 Concen: 52.077 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.9	68.5

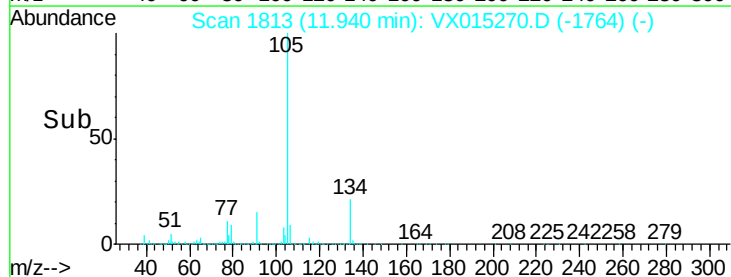
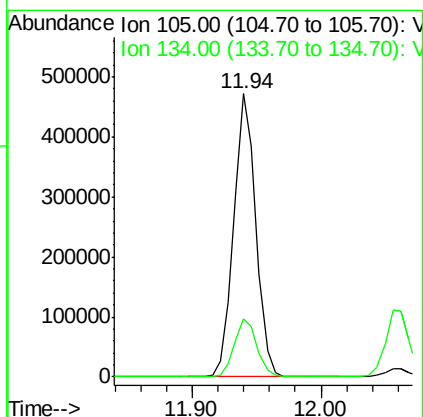
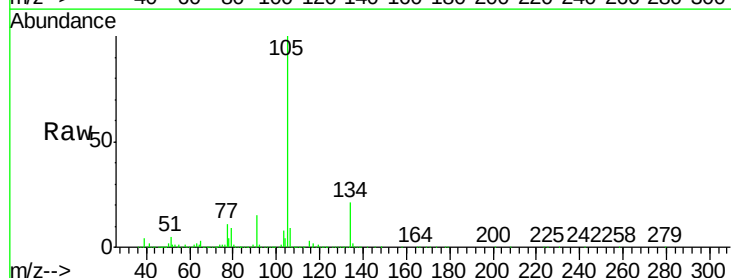
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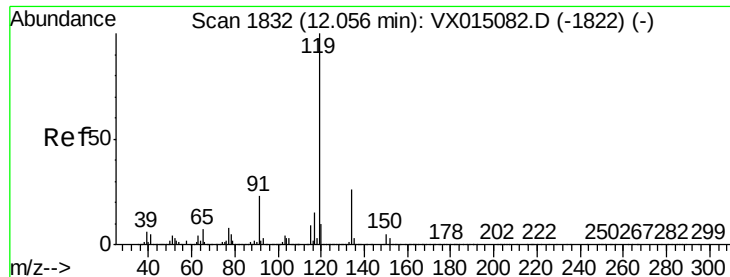
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#85
 sec-Butylbenzene
 Concen: 51.931 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.4	31.2





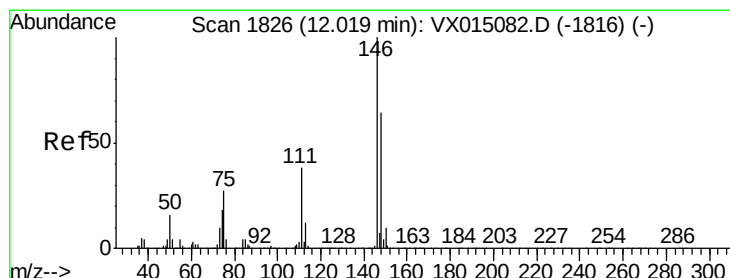
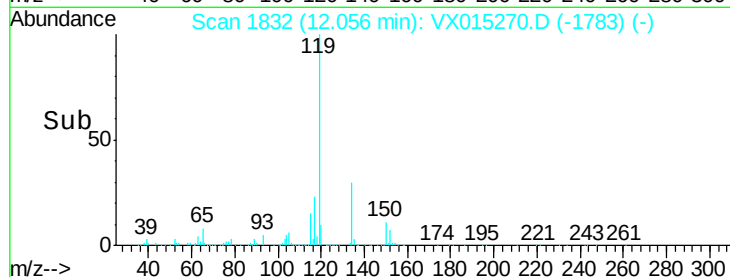
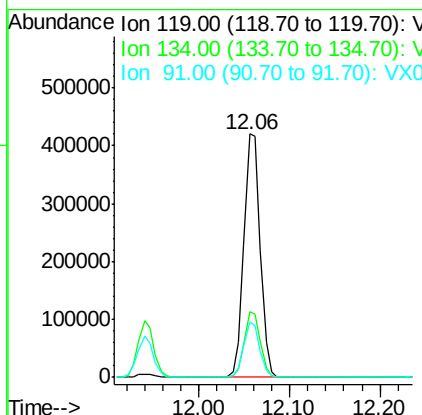
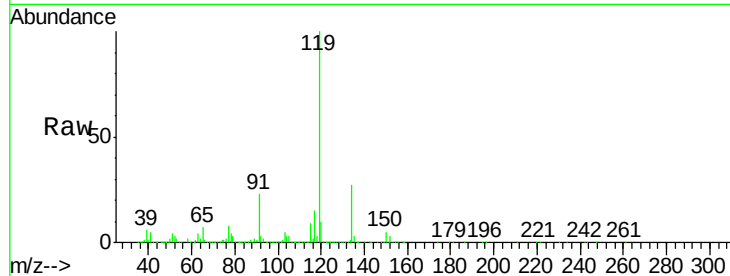
#86
p-Isopropyltoluene
Concen: 52.244 ug/l
RT: 12.06 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	524568		
134	26.6		13.4	40.1
91	22.1		11.3	33.8

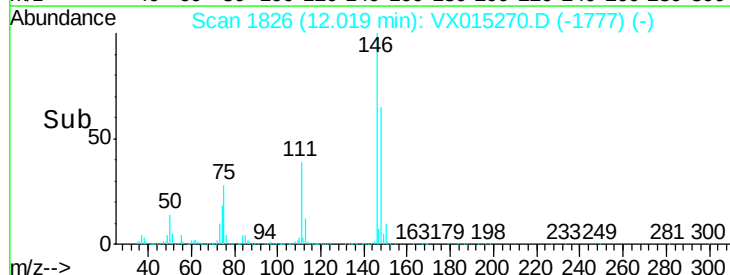
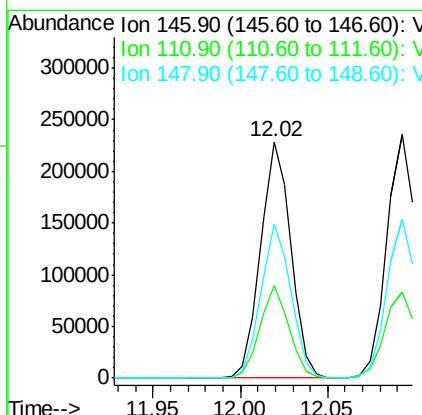
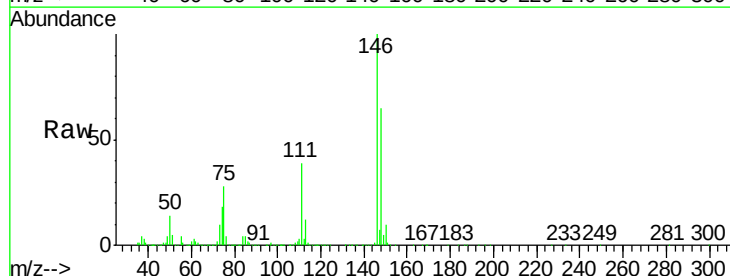
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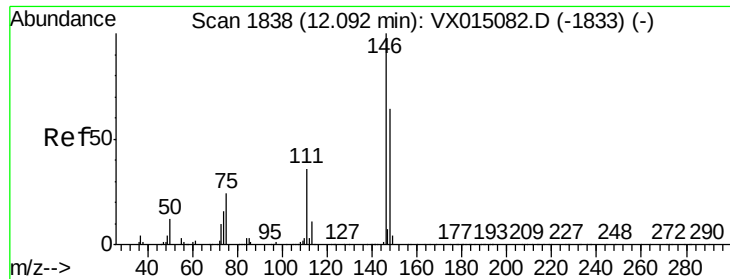
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#87
1,3-Dichlorobenzene
Concen: 50.212 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	275907		
111	37.9		19.1	57.1
148	64.6		31.9	95.5





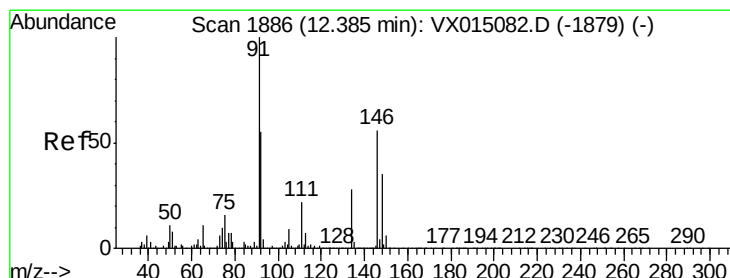
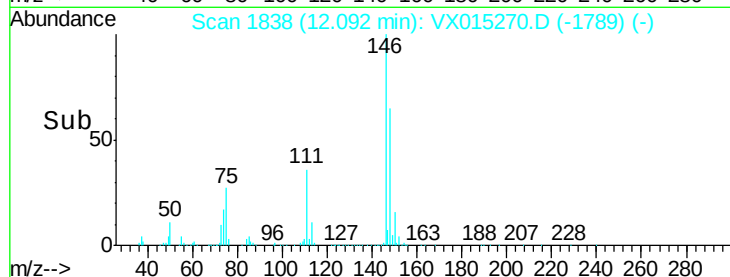
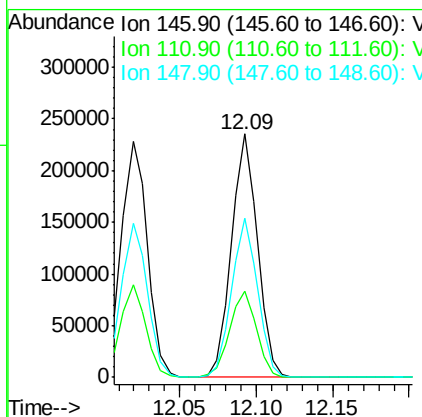
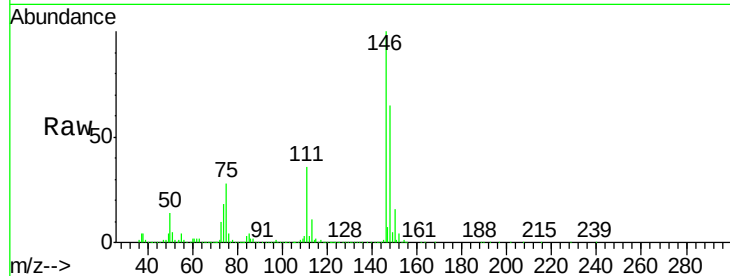
#88
 1,4-Dichlorobenzene
 Concen: 48.779 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.7	56.1
148	65.3	32.5	97.4

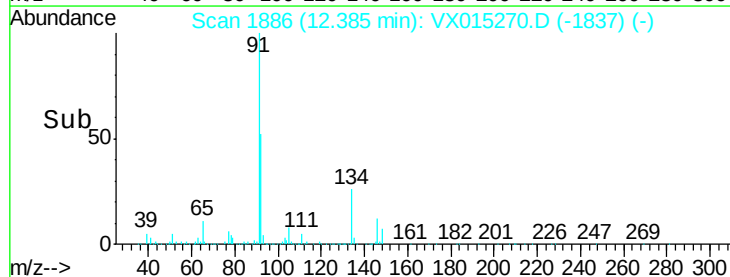
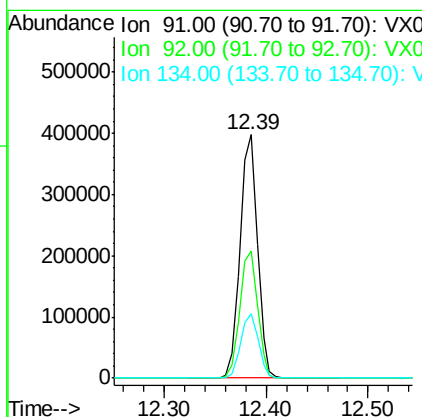
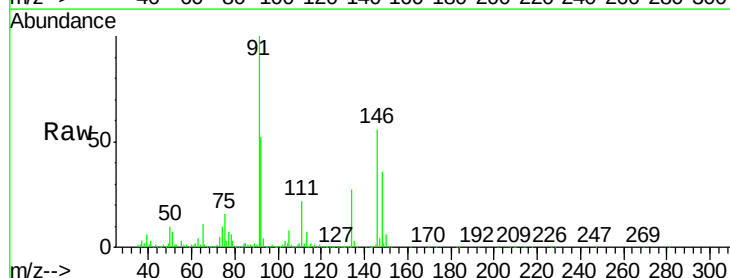
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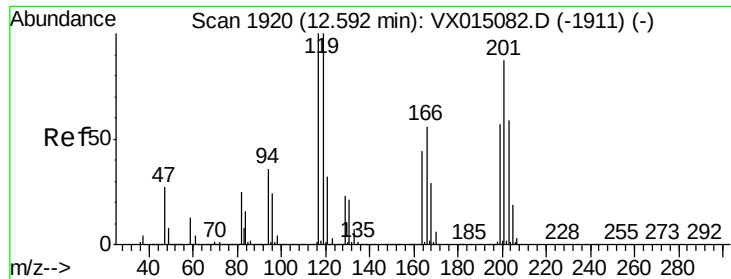
MMDadoda
 3/16/2020 2:07:28 PM



#89
 n-Butylbenzene
 Concen: 51.849 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.2	81.6
134	26.8	13.5	40.5





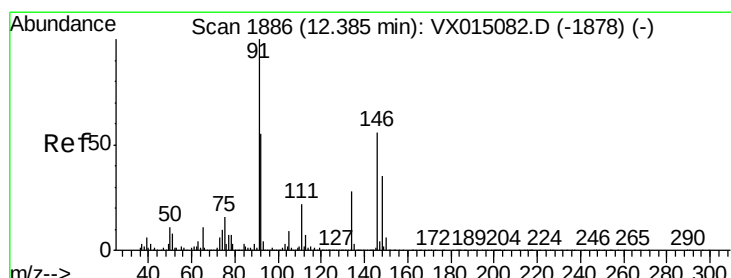
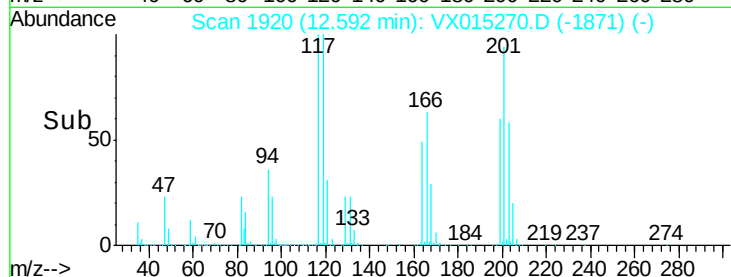
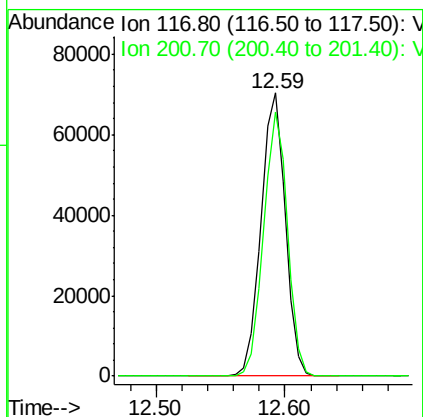
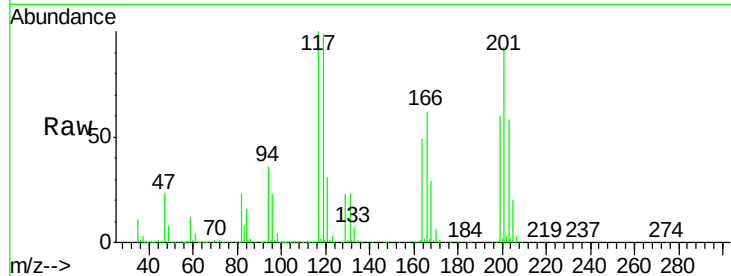
#90
Hexachloroethane
Concen: 48.154 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MSD

Tot Ion:117 Resp: 91407
Ion Ratio Lower Upper
117 100
201 92.2 43.5 130.7

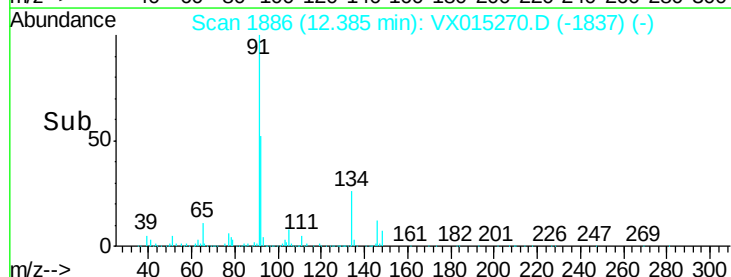
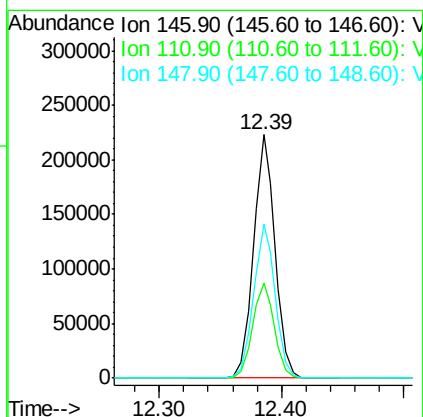
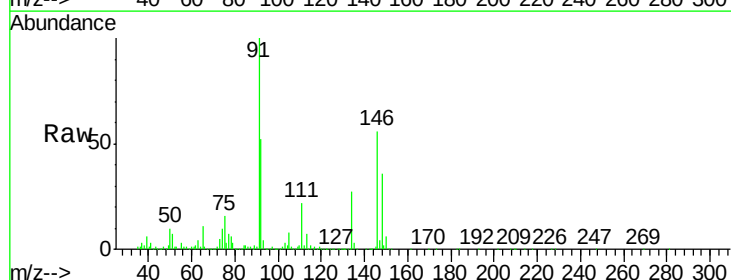
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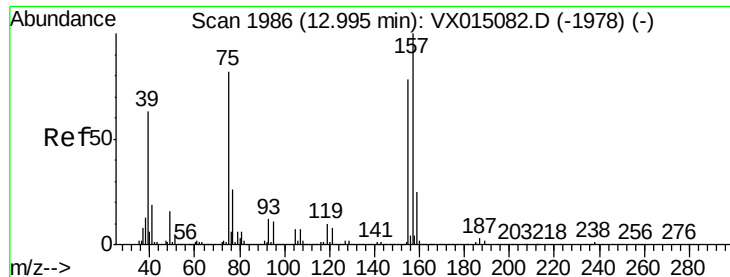
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#91
1,2-Dichlorobenzene
Concen: 50.024 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015270.D
Acq: 13 Mar 2020 19:06

Tgt Ion:146 Resp: 273279
Ion Ratio Lower Upper
146 100
111 39.5 19.9 59.7
148 63.9 32.3 96.8





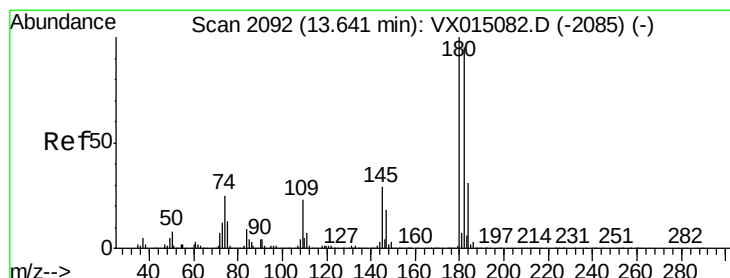
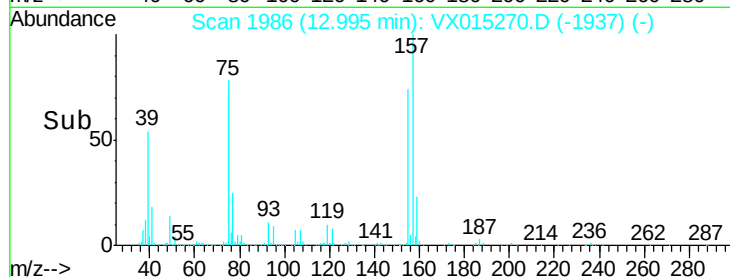
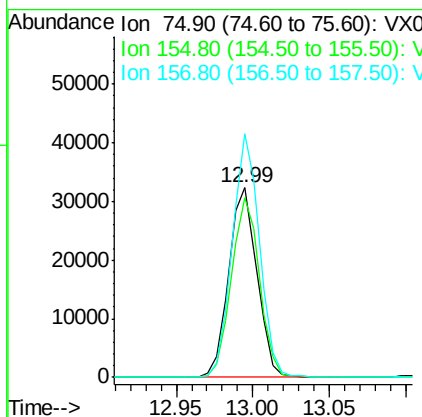
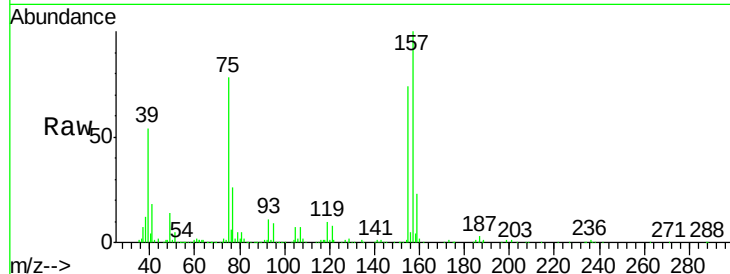
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.723 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	95.3	46.6	139.7
157	124.7	59.2	177.5

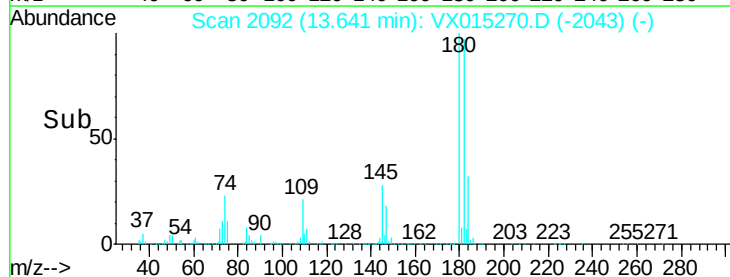
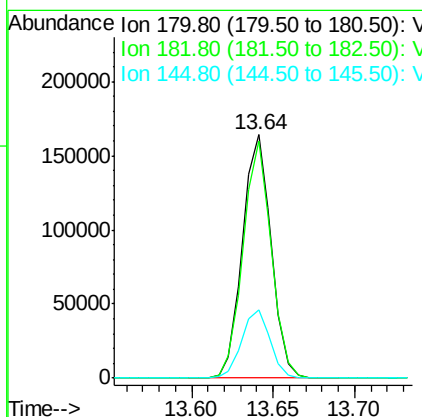
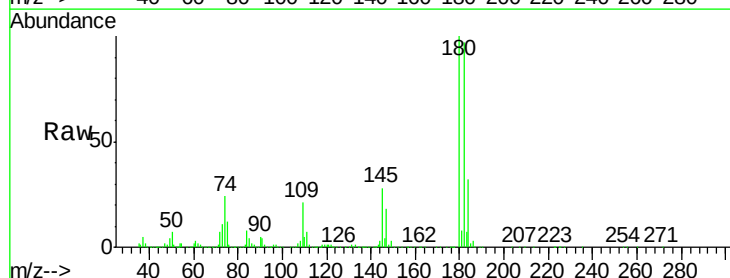
Manual Integrations
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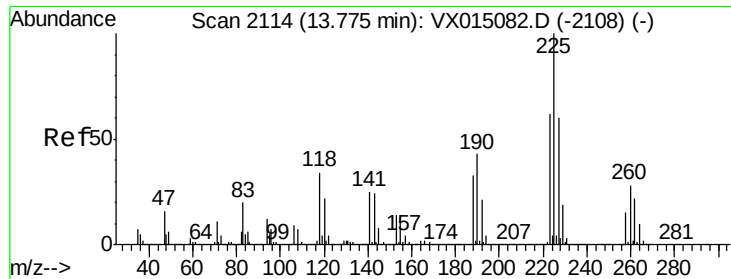
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#93
 1,2,4-Trichlorobenzene
 Concen: 53.063 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.6	142.8
145	27.9	14.1	42.2





#94

Hexachlorobutadiene

Concen: 48.236 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Instrument :

MSVOA_X

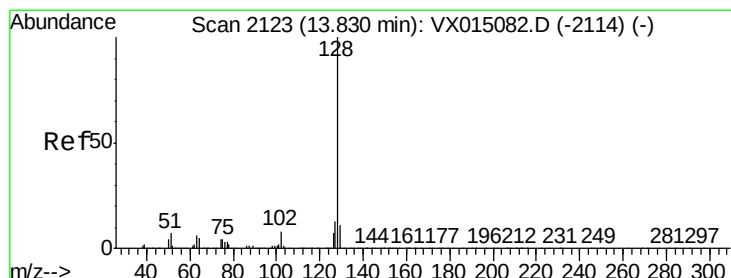
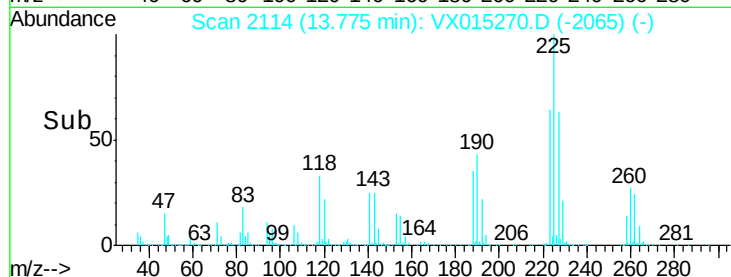
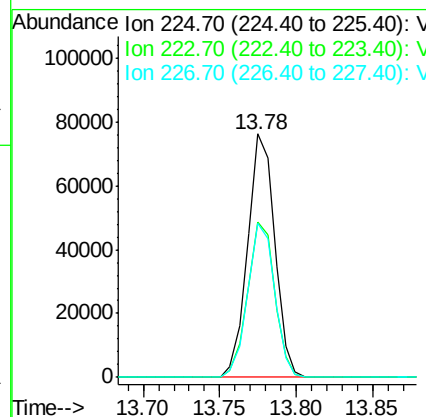
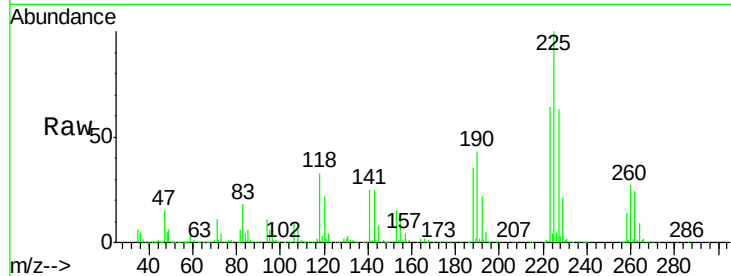
ClientSampleId :

RE131D1-20200309MSD

Tot Ion:	225	Resp:	93862
Ion Ratio		Lower	Upper
225	100		
223	63.9	31.3	93.9
227	62.9	31.1	93.2

Manual Integrations
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#95

Naphthalene

Concen: 50.597 ug/l

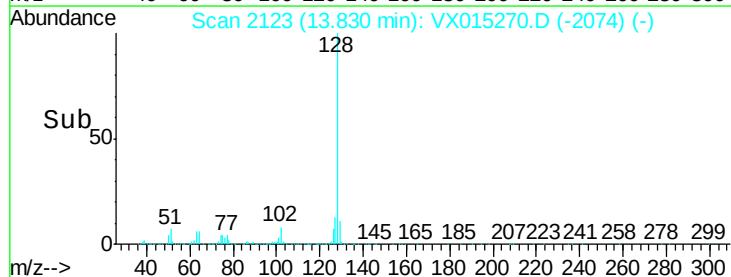
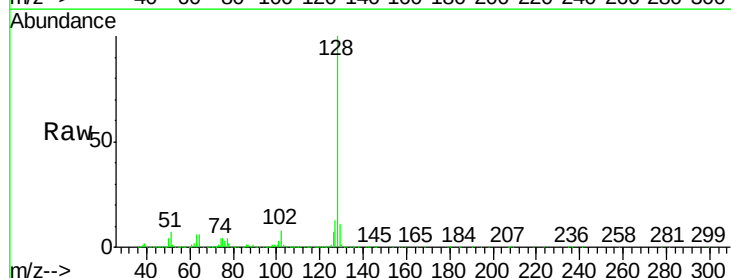
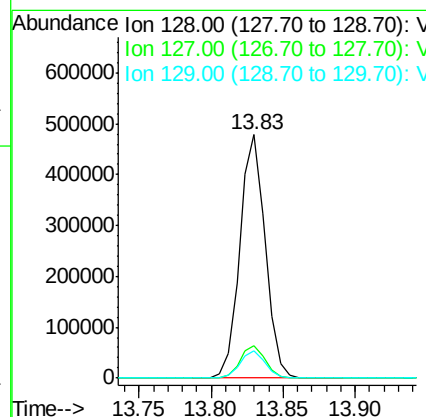
RT: 13.83 min Scan# 2123

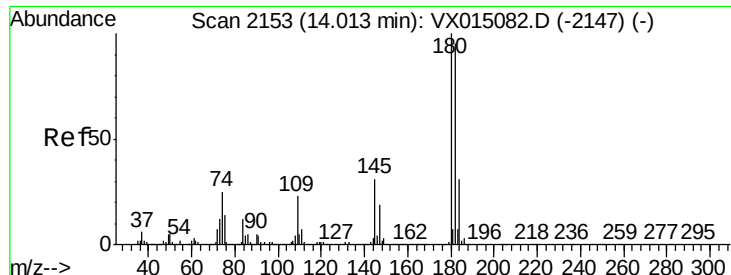
Delta R.T. 0.00 min

Lab File: VX015270.D

Acq: 13 Mar 2020 19:06

Tgt Ion:	128	Resp:	588224
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.1	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 54.438 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX015270.D
 Acq: 13 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MSD

Tot Ion:	180	Resp:	205967
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.8	143.4
145	29.8	15.1	45.3

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:07:28 PM

