

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028139.D
 Acq On : 14 Nov 2018 23:20
 Operator : MD/SY
 Sample : J5943-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FG4

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.305	35	41	59	rVB2	14069	16772	2.57%	0.298%
2	1.402	60	71	82	rBV3	186654	294702	45.09%	5.234%
3	1.456	82	88	92	rBV	15016	16114	2.47%	0.286%
4	1.521	102	108	114	rBV	26991	26673	4.08%	0.474%
5	1.684	146	159	175	rVV2	66918	92011	14.08%	1.634%
6	1.762	175	183	192	rVB	16702	21932	3.36%	0.390%
7	1.961	233	245	256	rVB4	38426	70360	10.77%	1.250%
8	2.054	266	274	282	rBV	11897	15604	2.39%	0.277%
9	2.141	293	301	309	rVV2	7831	11860	1.81%	0.211%
10	2.192	309	317	324	rVB3	7867	11405	1.75%	0.203%
11	2.276	332	343	358	rBV	109732	171741	26.28%	3.050%
12	2.987	555	564	580	rVB4	16957	33060	5.06%	0.587%
13	3.186	616	626	639	rVB4	9363	19486	2.98%	0.346%
14	3.302	652	662	671	rVB7	5213	9260	1.42%	0.164%
15	4.196	924	940	969	rBV2	104271	372873	57.06%	6.622%
16	4.652	1062	1082	1102	rBV	83752	196250	30.03%	3.485%
17	5.340	1268	1296	1325	rBV3	177328	501900	76.80%	8.914%
18	5.887	1452	1466	1495	rBV	166881	334999	51.26%	5.950%
19	6.176	1539	1556	1557	rBV4	4979	8538	1.31%	0.152%
20	6.334	1584	1605	1622	rBV	122390	252233	38.60%	4.480%
21	6.414	1625	1630	1638	rVB6	4913	7304	1.12%	0.130%
22	7.231	1872	1884	1905	rBV2	56242	102729	15.72%	1.824%
23	7.565	1965	1988	2004	rBV	229396	404127	61.84%	7.177%
24	7.851	2067	2077	2090	rBV	34565	58449	8.94%	1.038%
25	7.919	2090	2098	2110	rVB8	4259	7855	1.20%	0.140%
26	8.314	2209	2221	2259	rBV	360703	653518	100.00%	11.606%
27	8.604	2303	2311	2321	rBV4	6496	11319	1.73%	0.201%
28	9.089	2450	2462	2485	rBV	243636	408940	62.58%	7.263%
29	9.253	2503	2513	2523	rBV3	5458	8910	1.36%	0.158%
30	9.382	2540	2553	2564	rVB6	5683	11155	1.71%	0.198%
31	10.433	2868	2880	2890	rBV2	84331	133700	20.46%	2.375%
32	10.488	2890	2897	2906	rVB8	5114	8414	1.29%	0.149%
33	11.485	3195	3207	3235	rBV	234532	383134	58.63%	6.804%
34	11.861	3310	3324	3344	rBV	207341	345092	52.81%	6.129%

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35	12.057	3376	3385	3397	rVB	6475	9602	1.47%	0.171%
36	12.652	3562	3570	3578	rVB3	7894	11425	1.75%	0.203%
37	13.858	3935	3945	3958	rVB	20225	31804	4.87%	0.565%
38	13.951	3965	3974	3986	rBV4	19042	31984	4.89%	0.568%
39	14.359	4086	4101	4120	rVB4	14492	30468	4.66%	0.541%
40	14.469	4120	4135	4146	rBV6	19982	38642	5.91%	0.686%
41	14.546	4146	4159	4170	rVB5	21420	39000	5.97%	0.693%
42	14.607	4170	4178	4196	rVB5	6898	14425	2.21%	0.256%
43	14.700	4196	4207	4214	rBV8	5107	9420	1.44%	0.167%
44	14.861	4248	4257	4269	rVV2	36969	63413	9.70%	1.126%
45	14.935	4270	4280	4294	rVB6	35839	67005	10.25%	1.190%
46	15.012	4294	4304	4313	rBV2	12738	23257	3.56%	0.413%
47	15.079	4317	4325	4334	rVV8	6073	12464	1.91%	0.221%
48	15.166	4346	4352	4366	rVB9	10249	18523	2.83%	0.329%
49	15.256	4366	4380	4386	rBV7	7931	16317	2.50%	0.290%
50	15.295	4389	4392	4400	rVV8	5255	8214	1.26%	0.146%
51	15.346	4400	4408	4415	rVV5	9518	16019	2.45%	0.284%
52	15.404	4418	4426	4441	rVB6	13739	32069	4.91%	0.570%
53	15.562	4462	4475	4491	rVB6	10287	28692	4.39%	0.510%
54	15.668	4499	4508	4524	rVB10	16651	35547	5.44%	0.631%
55	15.751	4524	4534	4542	rVB5	9858	16276	2.49%	0.289%
56	15.809	4543	4552	4557	rBV8	7049	10741	1.64%	0.191%
57	15.928	4582	4589	4597	rBV7	10087	16793	2.57%	0.298%
58	16.105	4641	4644	4660	rVB10	8990	15330	2.35%	0.272%
59	16.308	4698	4707	4718	rBV10	6019	10785	1.65%	0.192%

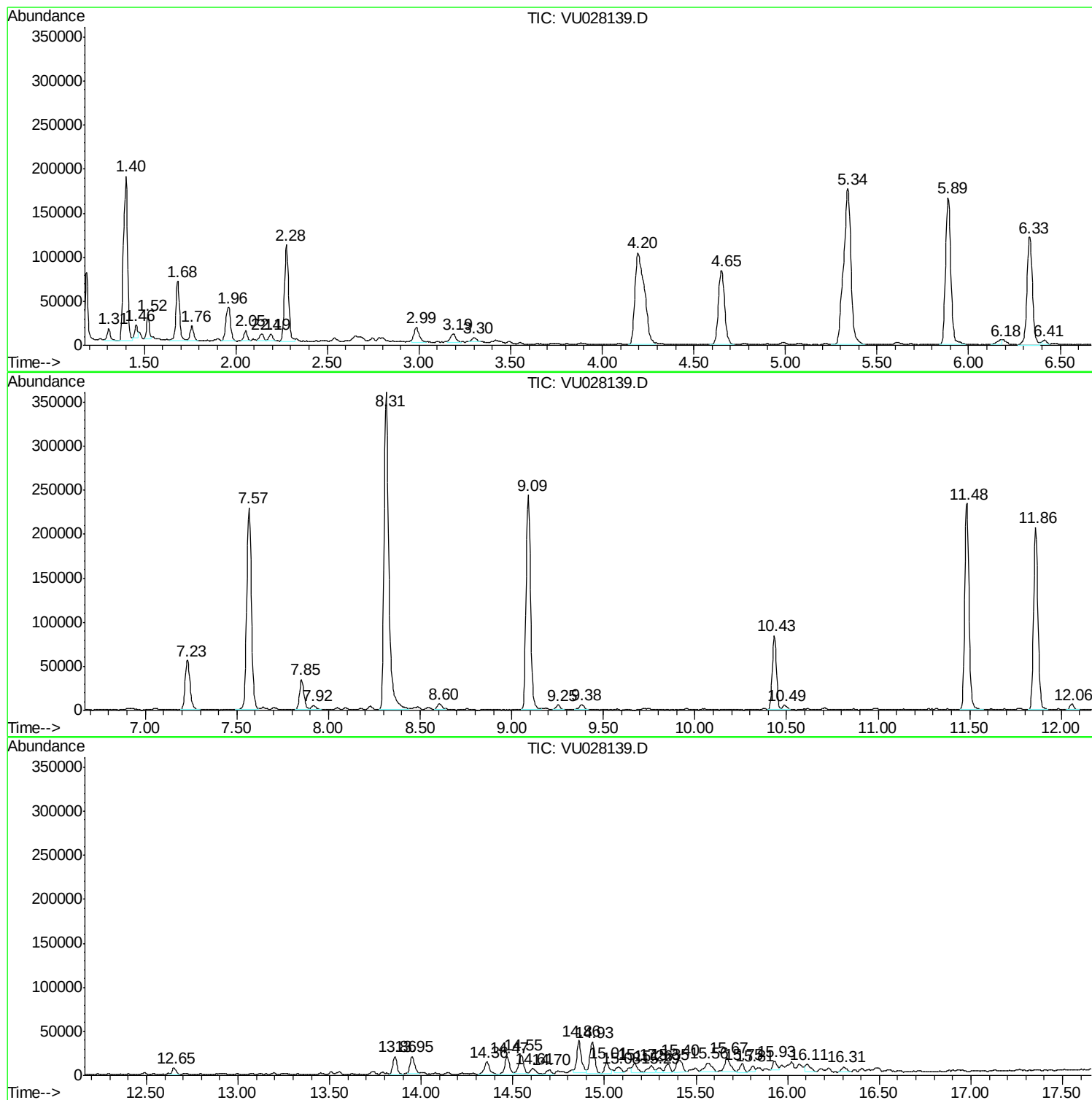
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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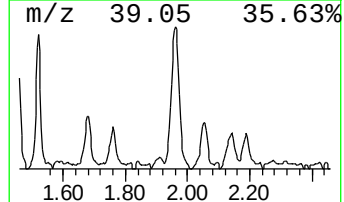
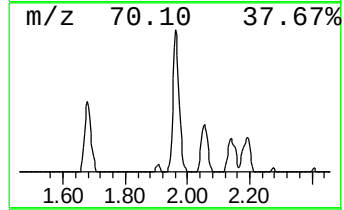
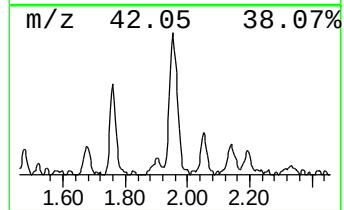
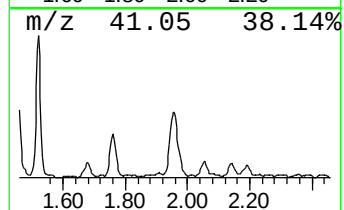
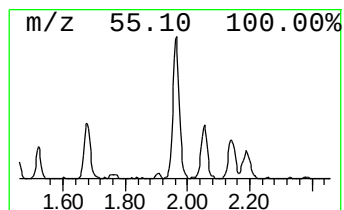
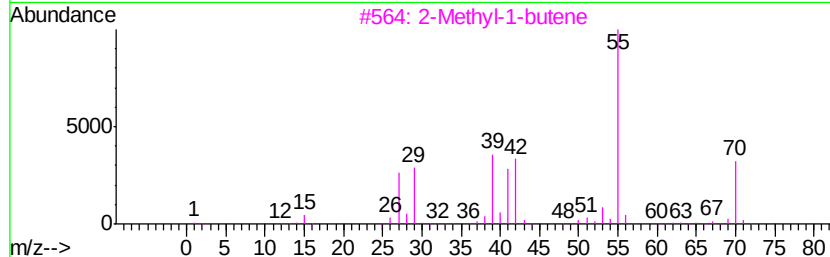
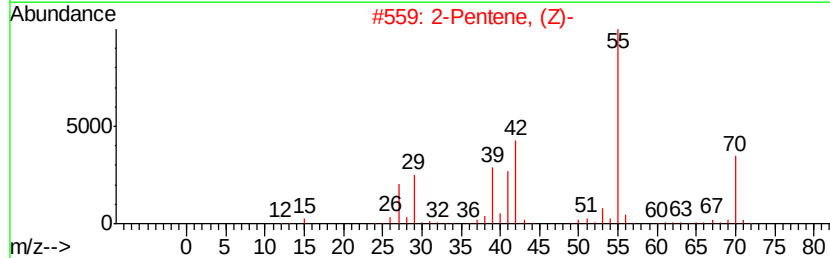
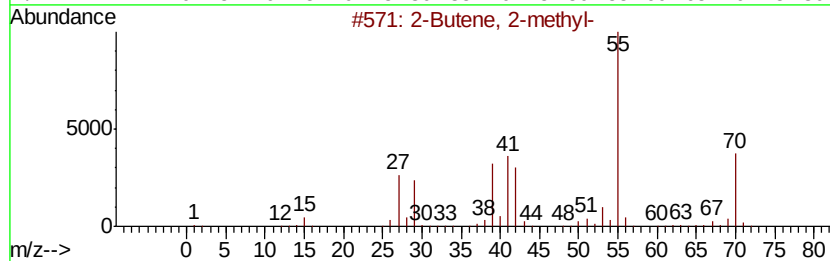
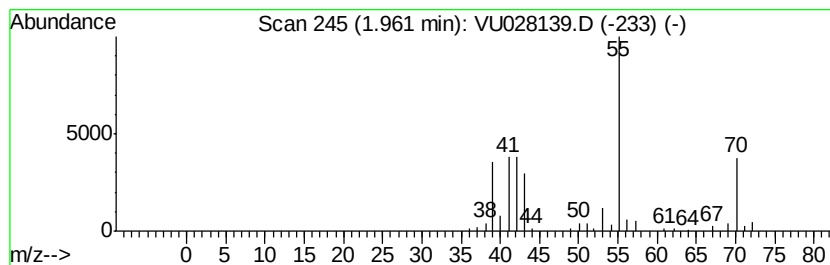
Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic1.96 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.96	1.05 ug/L	70360	1,4-Difluorobenzene	5.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	87
3	2-Methyl-1-butene	70	C5H10	000563-46-2	87
4	2-Pentene, (E)-	70	C5H10	000646-04-8	87
5	2-Pentene, (E)-	70	C5H10	000646-04-8	83



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ALS Vial : 33 Sample Multiplier: 1

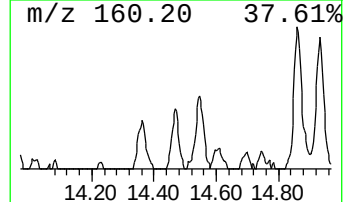
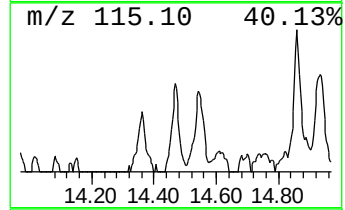
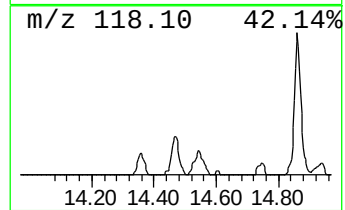
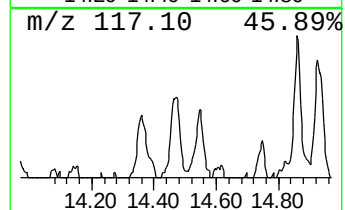
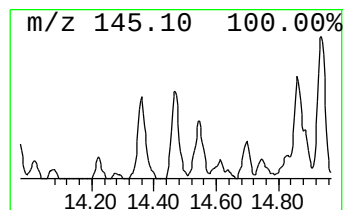
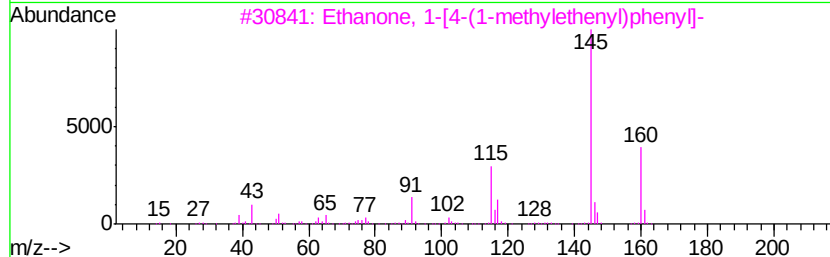
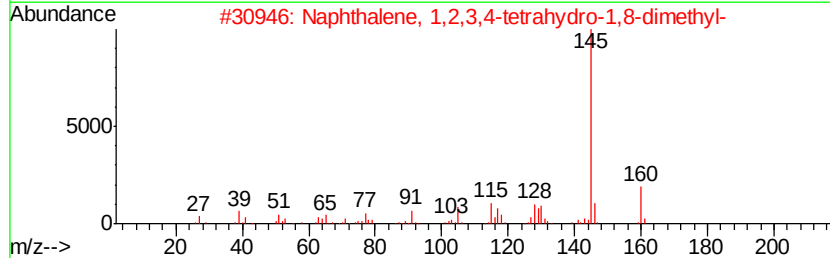
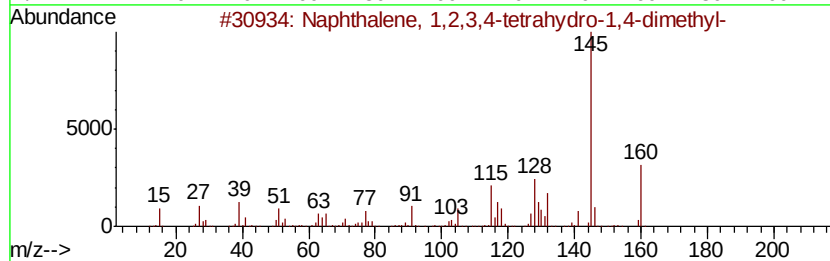
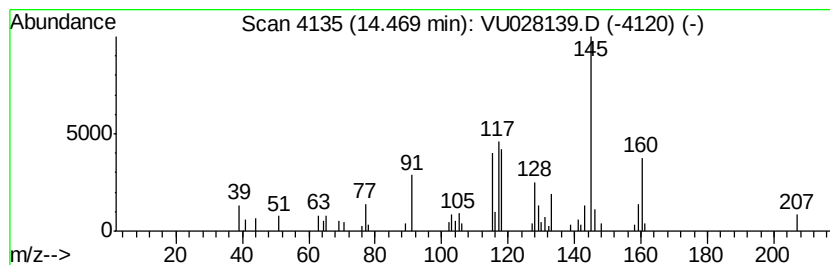
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.47	0.50 ug/L	38642	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	62
3	Ethanone, 1-[4-(1-methylethenyl)]...	160	C11H12O	005359-04-6	49
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	47
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	46



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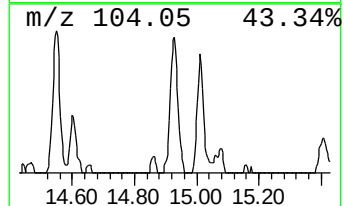
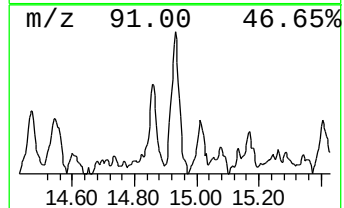
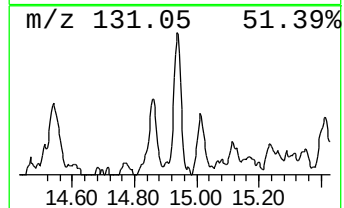
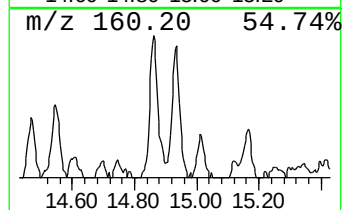
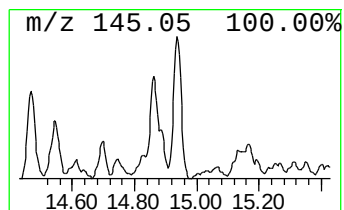
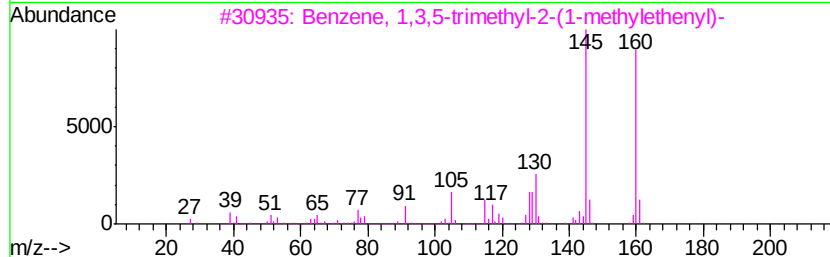
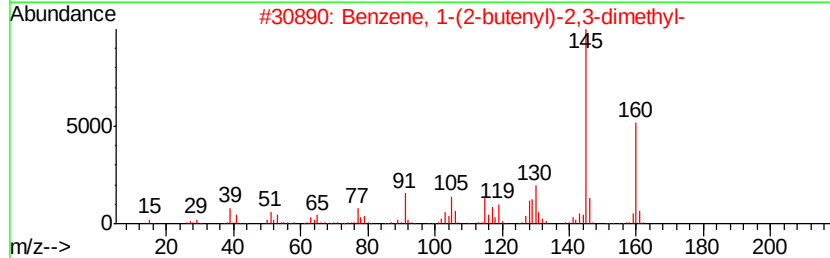
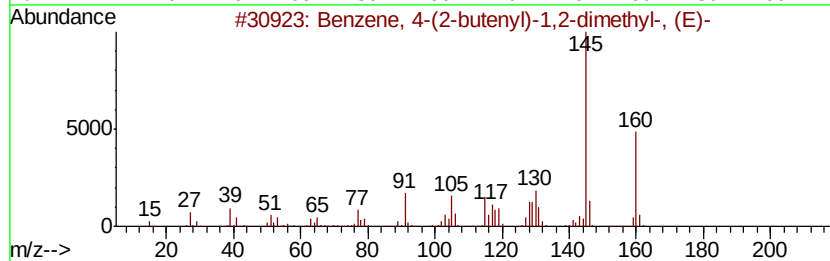
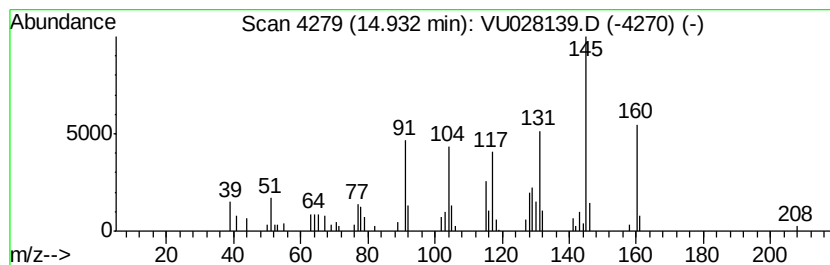
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Peak Number 6 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	0.87 ug/L	67005	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 4-(2-butenyl)-1,2-dimet...	160 C12H16	054340-86-2 76
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160 C12H16	054340-85-1 76
3		Benzene, 1,3,5-trimethyl-2-(1-me...	160 C12H16	014679-13-1 70
4		Benzene, 1-(1-methylethenyl)-2-(...	160 C12H16	005557-93-7 64
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160 C12H16	054340-85-1 62



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.96	1.1	ug/L	70360	1	5.89	334999	5.0
Naphthalene, 1,2,...	14.47	0.5	ug/L	38642	3	11.48	383134	5.0
Benzene, 4-(2-but...	14.93	0.9	ug/L	67005	3	11.48	383134	5.0