LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
Data File : VX013045.D
Acq On : 14 Oct 2019 12:36
Operator : JC/SP
Sample : K5313-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JBW7344

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.070	26	30	43	rBV	931370	1131780	100.00%	15.081%
2	1.783	142	147	152	rBV	25682	34683	3.06%	0.462%
3	2.429	248	253	266	rVB	8908	16992	1.50%	0.226%
4	2.594	271	280	293	rBV	27351	54491	4.81%	0.726%
5	5.490	742	755	767	rBV2	99420	282837	24.99%	3.769%
6	5.654	771	782	799	rVB	186061	528109	46.66%	7.037%
7	6.057	837	848	857	rBV	111792	296934	26.24%	3.957%
8	6.136	857	861	871	rVB3	10742	26555	2.35%	0.354%
9	6.849	968	978	991	rBV	278744	658653	58.20%	8.777%
10	8.709	1272	1283	1300	rBV	559386	877874	77.57%	11.698%
11	9.507	1408	1414	1422	rBV3	10930	19410	1.71%	0.259%
12	10.111	1507	1513	1522	rBV	502753	702706	62.09%	9.364%
13	11.135	1675	1681	1691	rBV	377031	492753	43.54%	6.566%
14	12.074	1830	1835	1842	rBV	437366	550880	48.67%	7.341%
15	12.141	1842	1846	1849	rVB	9711	12182	1.08%	0.162%
16	12.300	1863	1872	1876	rBV	14807	22497	1.99%	0.300%
17	12.757	1942	1947	1954	rVB3	15558	29818	2.63%	0.397%
18	12.897	1967	1970	1976	rVB2	10962	15203	1.34%	0.203%
19	12.970	1976	1982	1986	rBV	25271	35481	3.13%	0.473%
20	13.013	1986	1989	1996	rVB2	30250	38982	3.44%	0.519%
21	13.086	1996	2001	2005	rBV4	7709	13705	1.21%	0.183%
22	13.342	2039	2043	2048	rVB2	40754	57262	5.06%	0.763%
23	13.476	2062	2065	2071	rVB5	10435	15414	1.36%	0.205%
24	13.598	2081	2085	2087	rVV2	14641	18884	1.67%	0.252%
25	13.635	2087	2091	2097	rVV3	27668	59127	5.22%	0.788%
26	13.714	2097	2104	2110	rVB2	26975	59777	5.28%	0.797%
27	13.848	2121	2126	2130	rVB3	9012	14314	1.26%	0.191%
28	13.909	2131	2136	2141	rBV4	19931	33269	2.94%	0.443%
29	13.982	2141	2148	2151	rBV2	28131	39986	3.53%	0.533%
30	14.025	2151	2155	2159	rBV2	15119	18642	1.65%	0.248%
31	14.129	2167	2172	2176	rBV	26991	37532	3.32%	0.500%
32	14.269	2190	2195	2203	rBV2	52420	87005	7.69%	1.159%
33	14.372	2208	2212	2217	rVV2	36649	46516	4.11%	0.620%
34	14.427	2217	2221	2225	rVB2	50935	62642	5.53%	0.835%

LSC Area Percent Report

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Operator : JC/SP
Sample : K5313-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JBW7344

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Title : SW846 8260

35	14.470	2225	2228	2234	rVB2	12178	18390	1.62%	0.245%
36	14.537	2234	2239	2243	rBV2	44123	66002	5.83%	0.880%
37	14.665	2252	2260	2267	rBV4	29464	84315	7.45%	1.124%
38	14.726	2267	2270	2274	rVB	26423	35084	3.10%	0.468%
39	14.781	2274	2279	2282	rBV2	15038	19602	1.73%	0.261%
40	14.836	2283	2288	2291	rVV	62362	89153	7.88%	1.188%
41	14.866	2291	2293	2297	rVV3	21236	31461	2.78%	0.419%
42	14.903	2297	2299	2303	rVB3	11013	12326	1.09%	0.164%
43	14.964	2303	2309	2314	rBV5	12940	27930	2.47%	0.372%
44	15.037	2314	2321	2326	rVB10	7234	16662	1.47%	0.222%
45	15.110	2327	2333	2336	rBV3	9995	13255	1.17%	0.177%
46	15.244	2348	2355	2362	rBV	58960	98393	8.69%	1.311%
47	15.311	2362	2366	2376	rVV	7235	15539	1.37%	0.207%
48	15.470	2389	2392	2396	rVV2	14903	19756	1.75%	0.263%
49	15.543	2400	2404	2408	rVV2	31090	49829	4.40%	0.664%
50	15.579	2408	2410	2417	rVV6	18764	30980	2.74%	0.413%
51	15.683	2418	2427	2431	rVV	81426	134073	11.85%	1.787%
52	15.720	2431	2433	2439	rVB4	20013	29499	2.61%	0.393%
53	15.805	2439	2447	2453	rBV7	8833	22237	1.96%	0.296%
54	15.878	2454	2459	2462	rVV4	31421	57918	5.12%	0.772%
55	15.915	2463	2465	2480	rVB4	30217	53794	4.75%	0.717%
56	16.061	2485	2489	2494	rBV2	17909	29319	2.59%	0.391%
57	16.378	2536	2541	2544	rBV7	9795	16980	1.50%	0.226%
58	16.561	2566	2571	2575	rBV4	8931	14458	1.28%	0.193%
59	16.628	2575	2582	2586	rVV7	9206	25941	2.29%	0.346%
60	16.683	2586	2591	2596	rVV2	21945	45105	3.99%	0.601%
61	16.744	2596	2601	2608	rVB3	26940	53532	4.73%	0.713%

Sum of corrected areas: 7504428

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101419\
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Acq On : 14 Oct 2019 12:36
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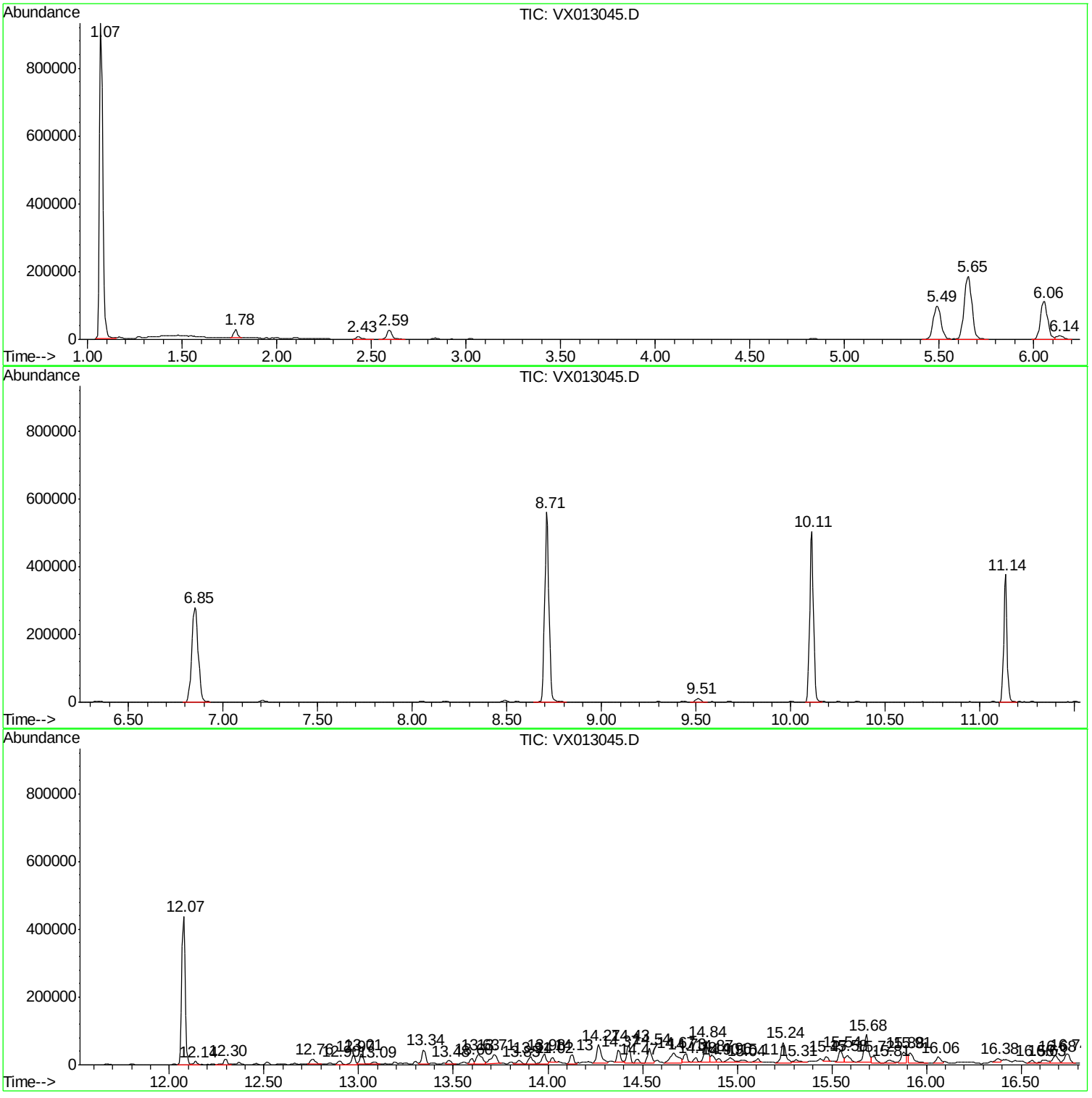
Sample : K5313-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JBW7344

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
Data File : VX013045.D
Acq On : 14 Oct 2019 12:36
Operator : JC/SP
Sample : K5313-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JBW7344

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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

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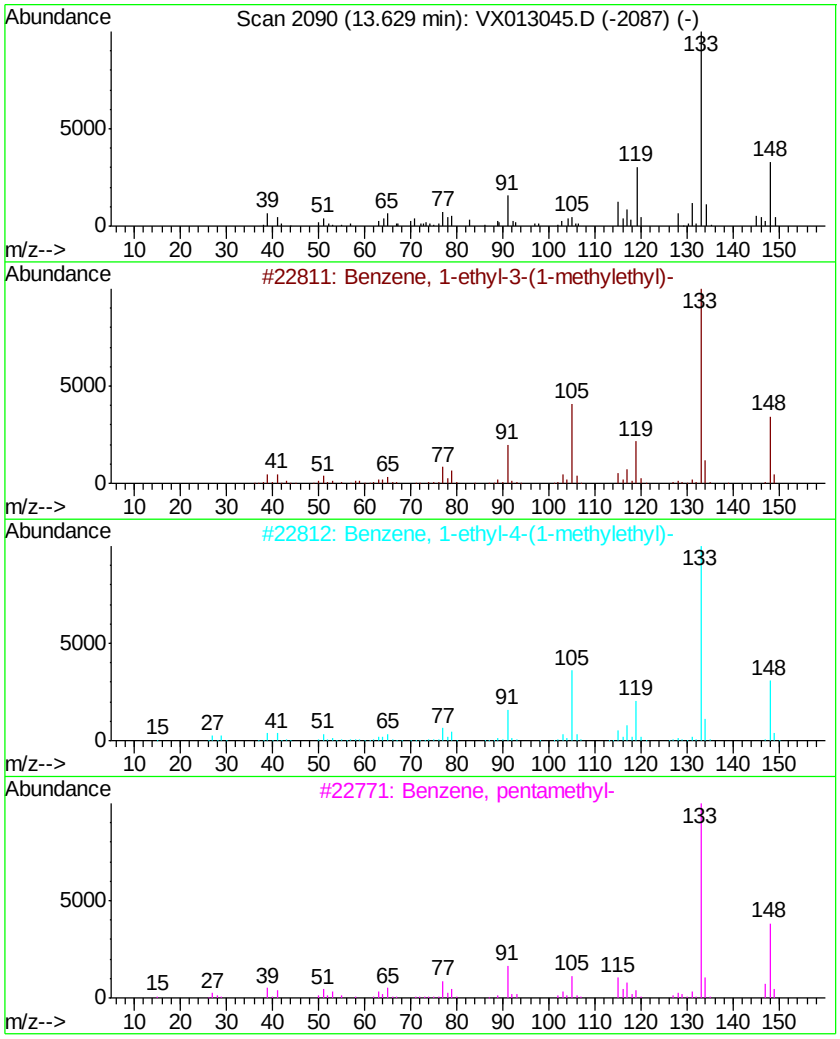
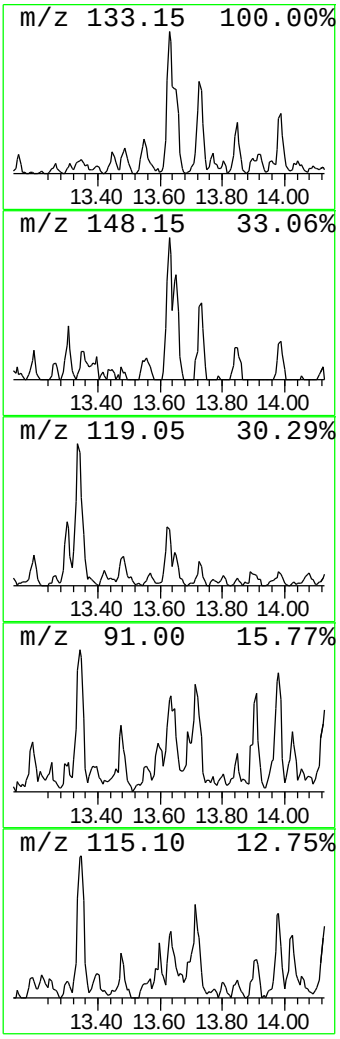
Peak Number 2 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.37 ug/l	59127	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	58
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	58
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	53
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	53
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101419\
Data File : VX013045.D
Acq On : 14 Oct 2019 12:36
Operator : JC/SP
Sample : K5313-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JBW7344

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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

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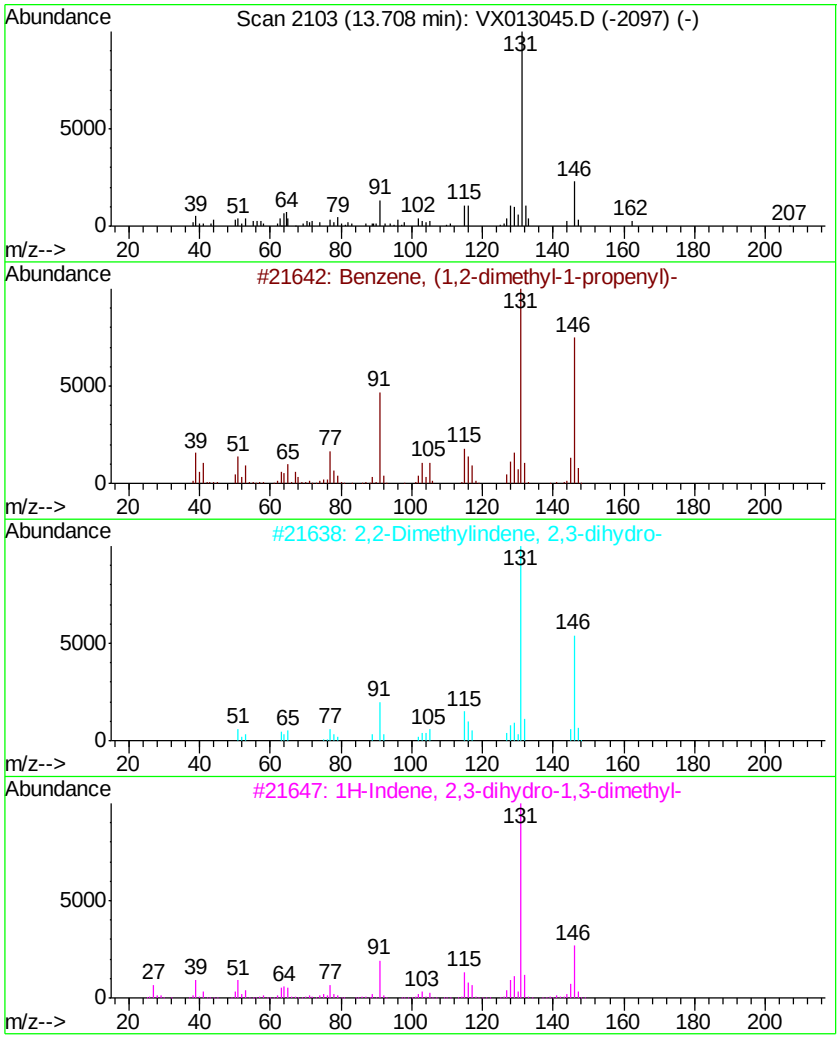
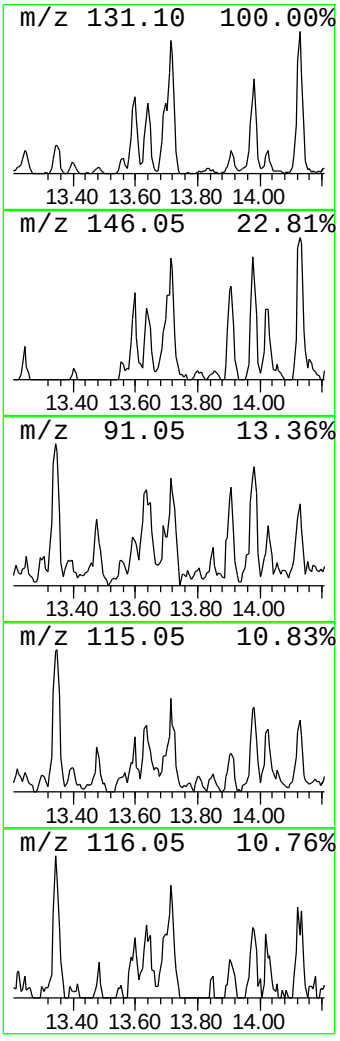
Peak Number 3 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	5.43 ug/l	59777	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
Data File : VX013045.D
Acq On : 14 Oct 2019 12:36
Operator : JC/SP
Sample : K5313-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JBW7344

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

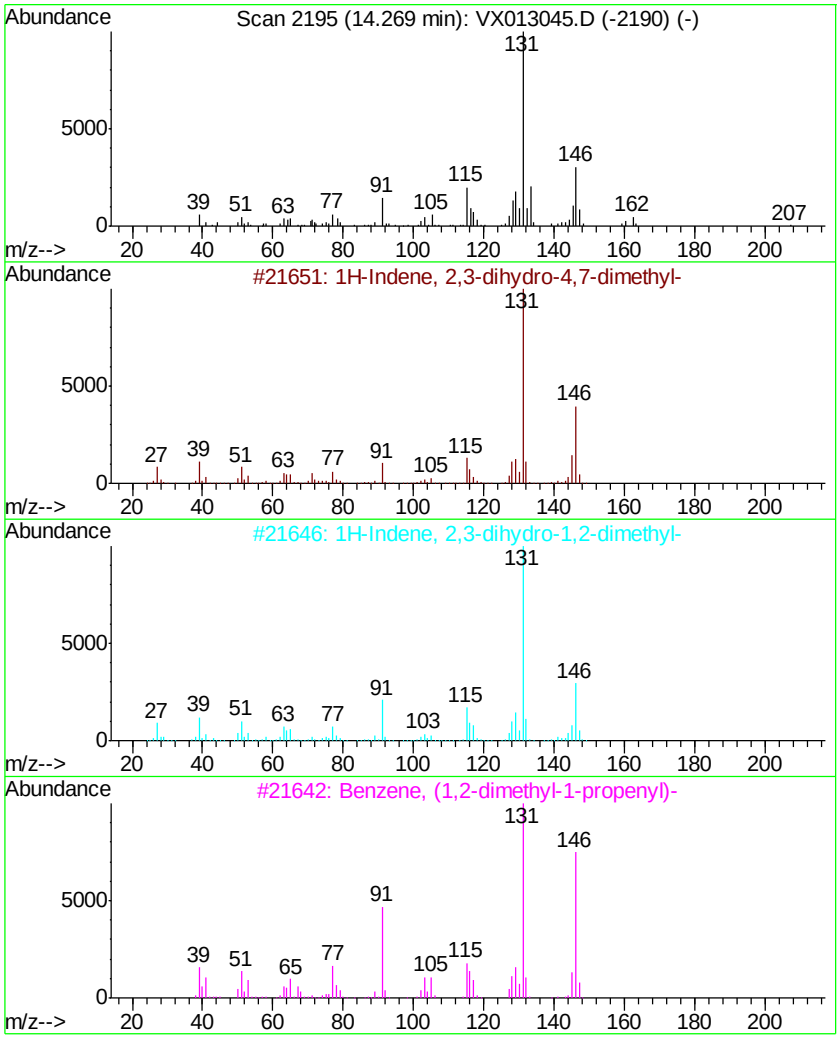
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

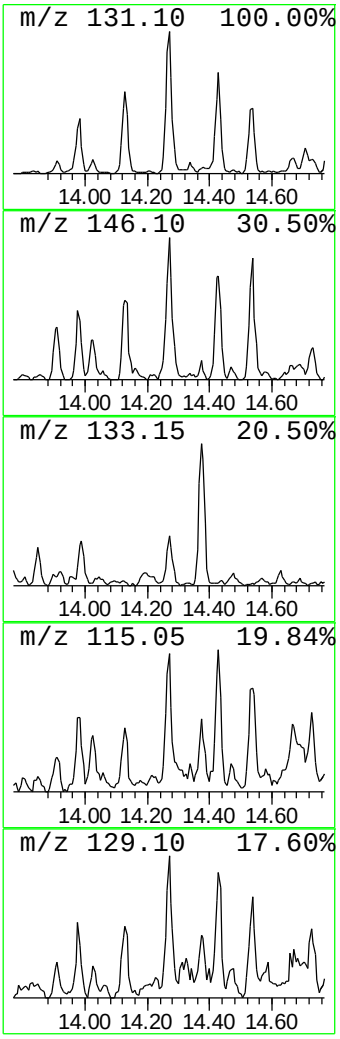
****

Peak Number 4 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	7.90 ug/l	87005	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
Data File : VX013045.D
Acq On : 14 Oct 2019 12:36
Operator : JC/SP
Sample : K5313-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JBW7344

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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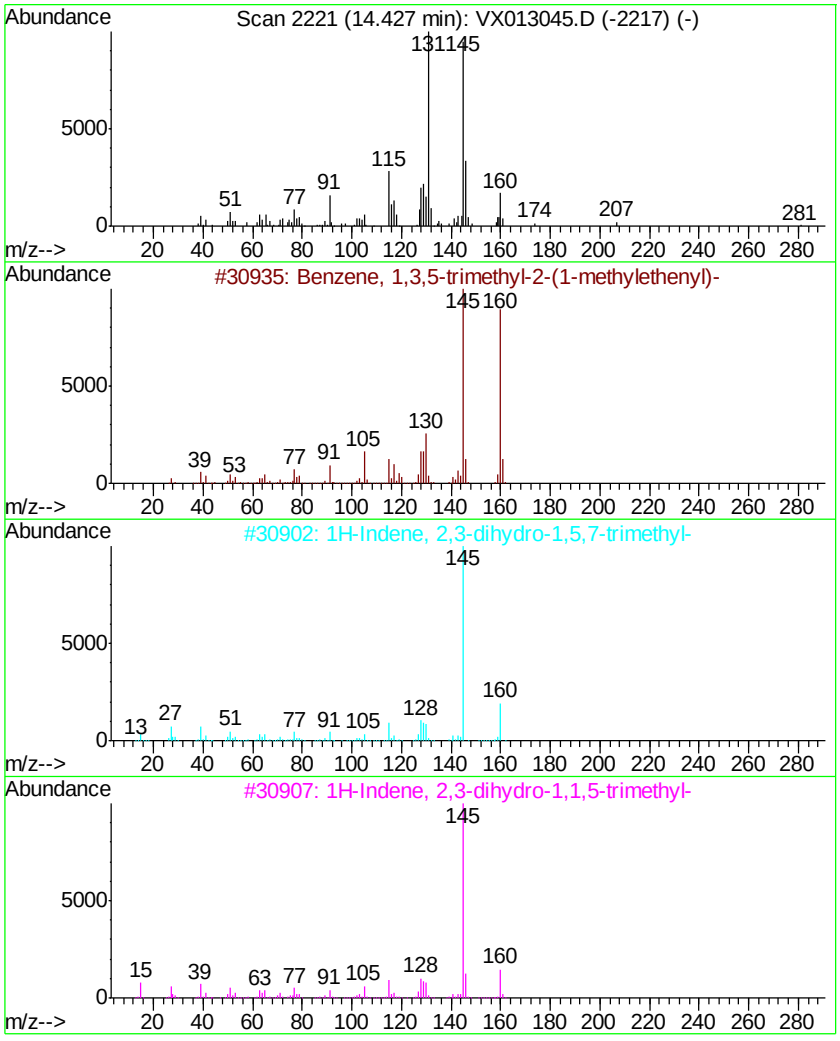
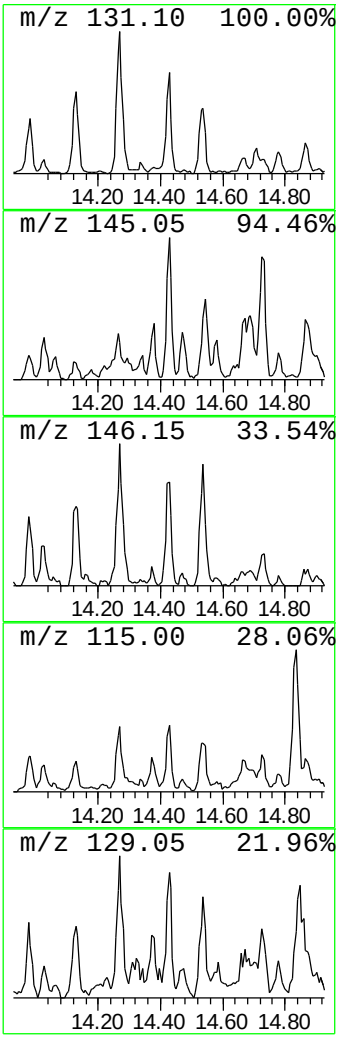
Peak Number 5 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	5.69 ug/l	62642	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	55
2	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	55
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	55
4	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	55
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101419\
Data File : VX013045.D
Acq On : 14 Oct 2019 12:36
Operator : JC/SP
Sample : K5313-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JBW7344

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

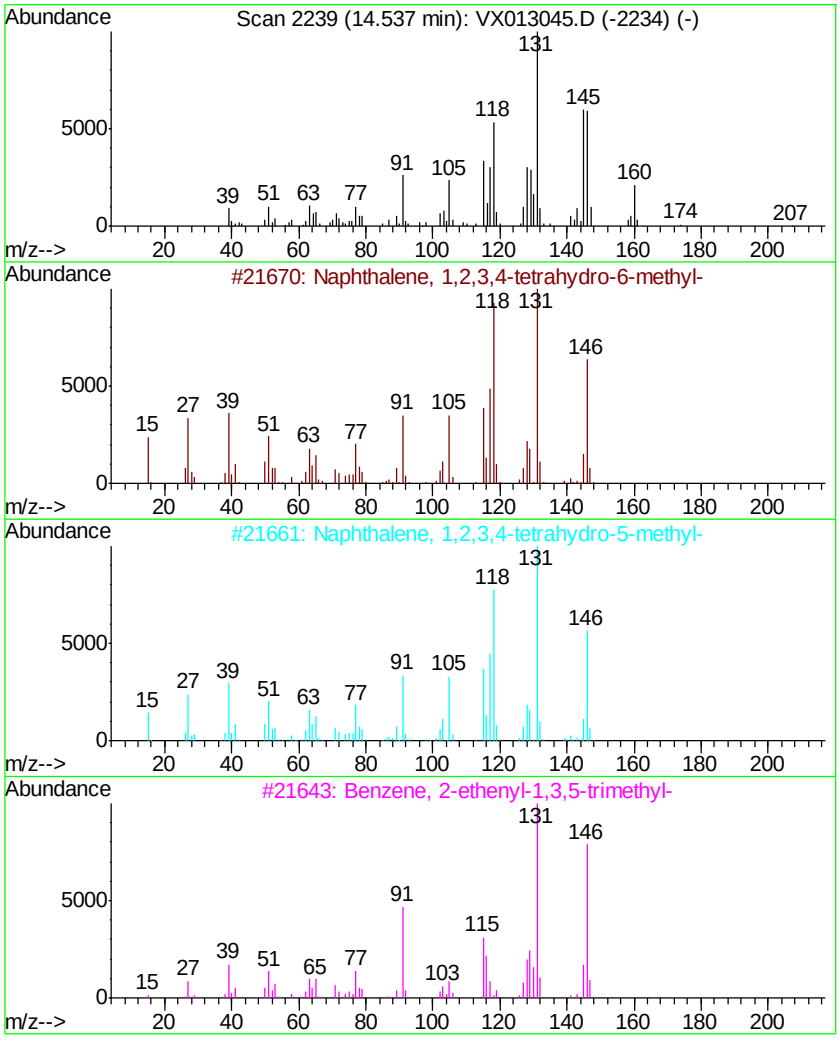
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

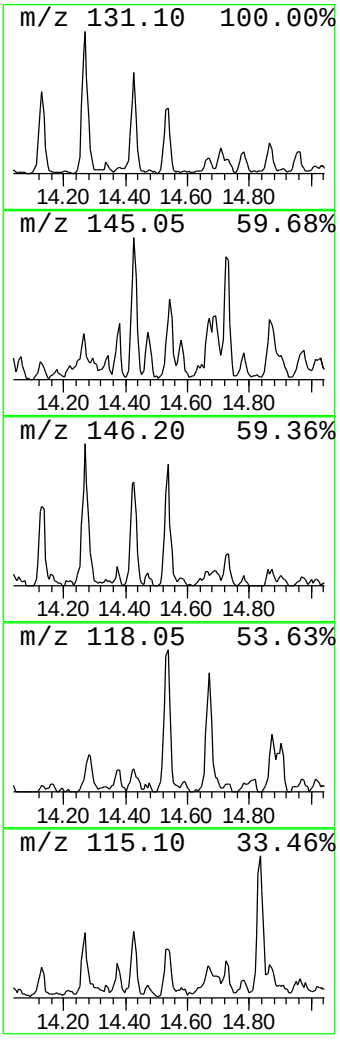
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	5.99 ug/l	66002	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	83
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	49
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	46





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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JBW7344

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

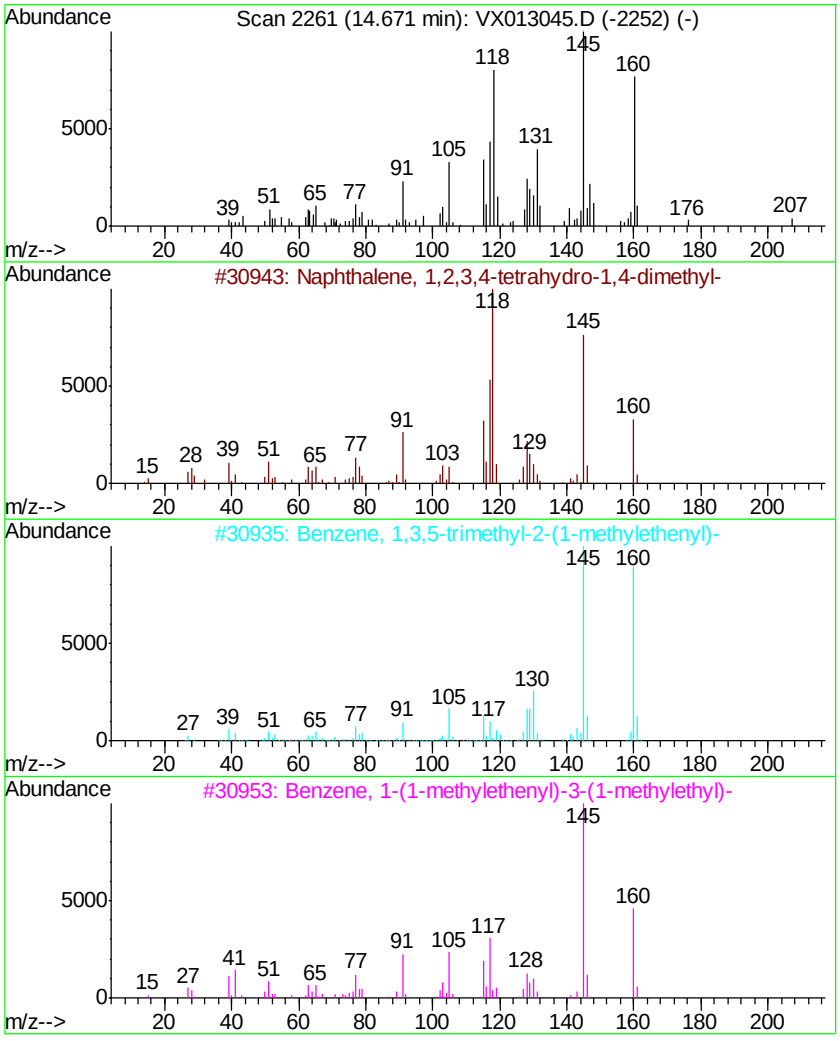
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

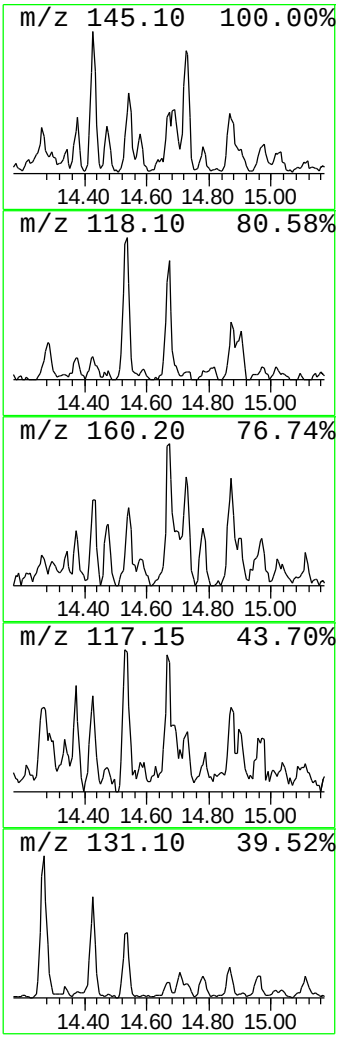
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	7.65 ug/l	84315	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	46
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	46
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	45
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101419\
Data File : VX013045.D
Acq On : 14 Oct 2019 12:36
Operator : JC/SP
Sample : K5313-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JBW7344

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

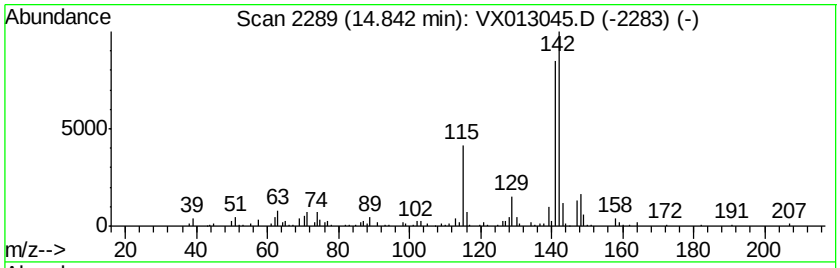
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

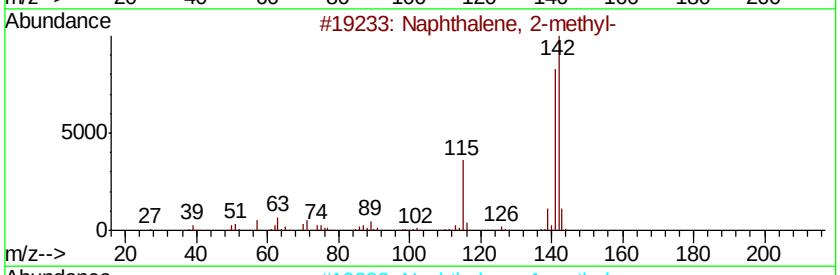
****

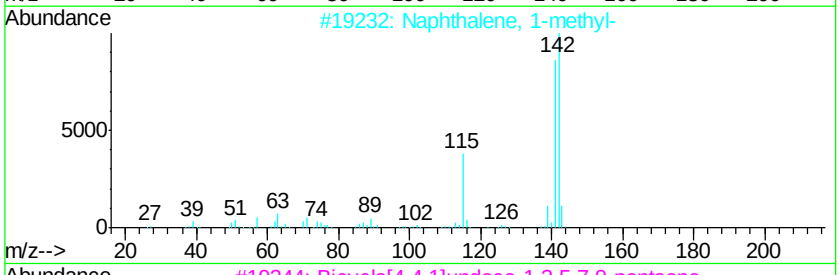
Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 4

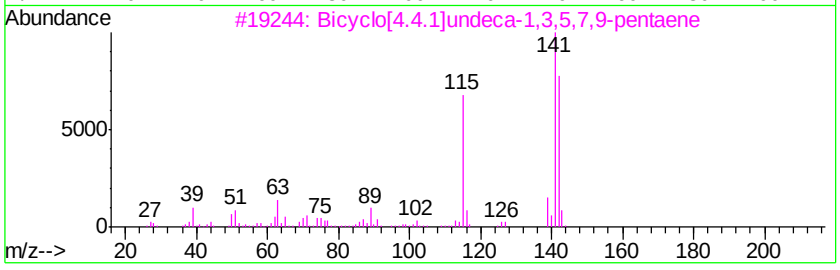
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	8.09 ug/l	89153	1,4-Dichlorobenzene-d4	12.07

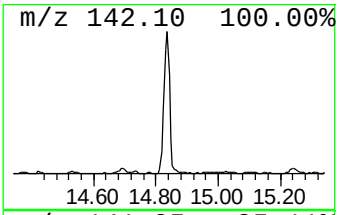
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	Benzocycloheptatriene	142	C11H10	000264-09-5	90

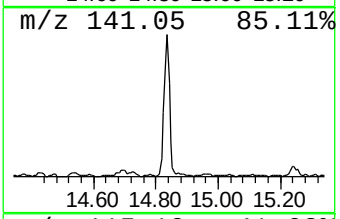


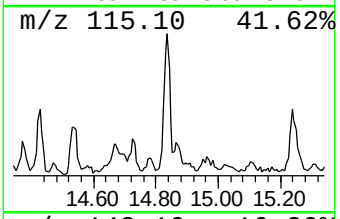


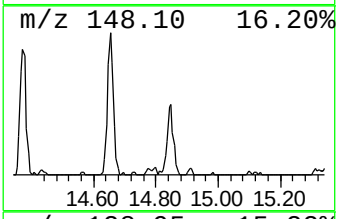


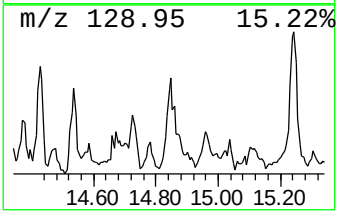












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
Data File : VX013045.D
Acq On : 14 Oct 2019 12:36
Operator : JC/SP
Sample : K5313-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JBW7344

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

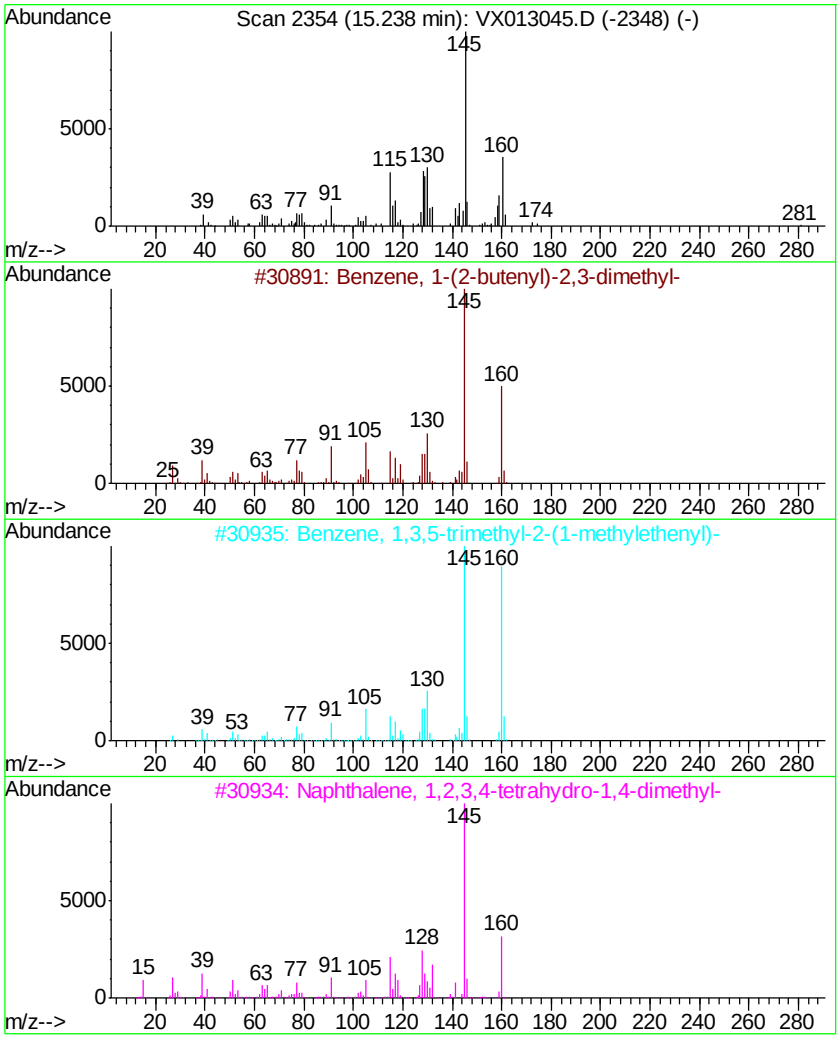
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

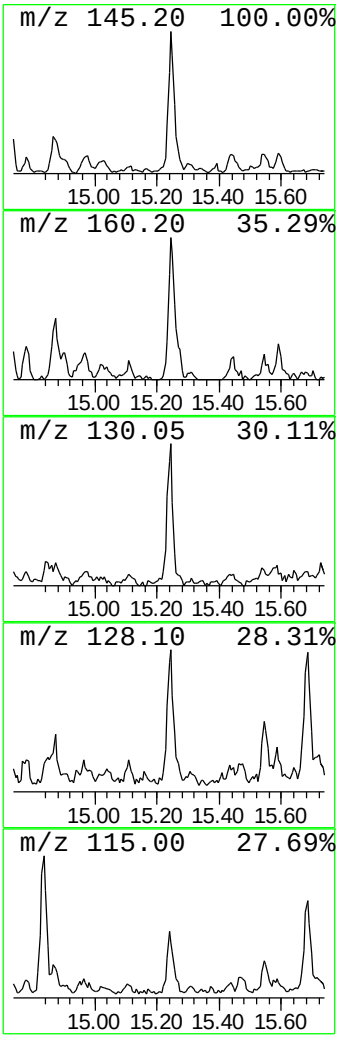
****

Peak Number 9 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	8.93 ug/l	98393	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	90
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	81
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101419\
Data File : VX013045.D
Acq On : 14 Oct 2019 12:36
Operator : JC/SP
Sample : K5313-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JBW7344

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

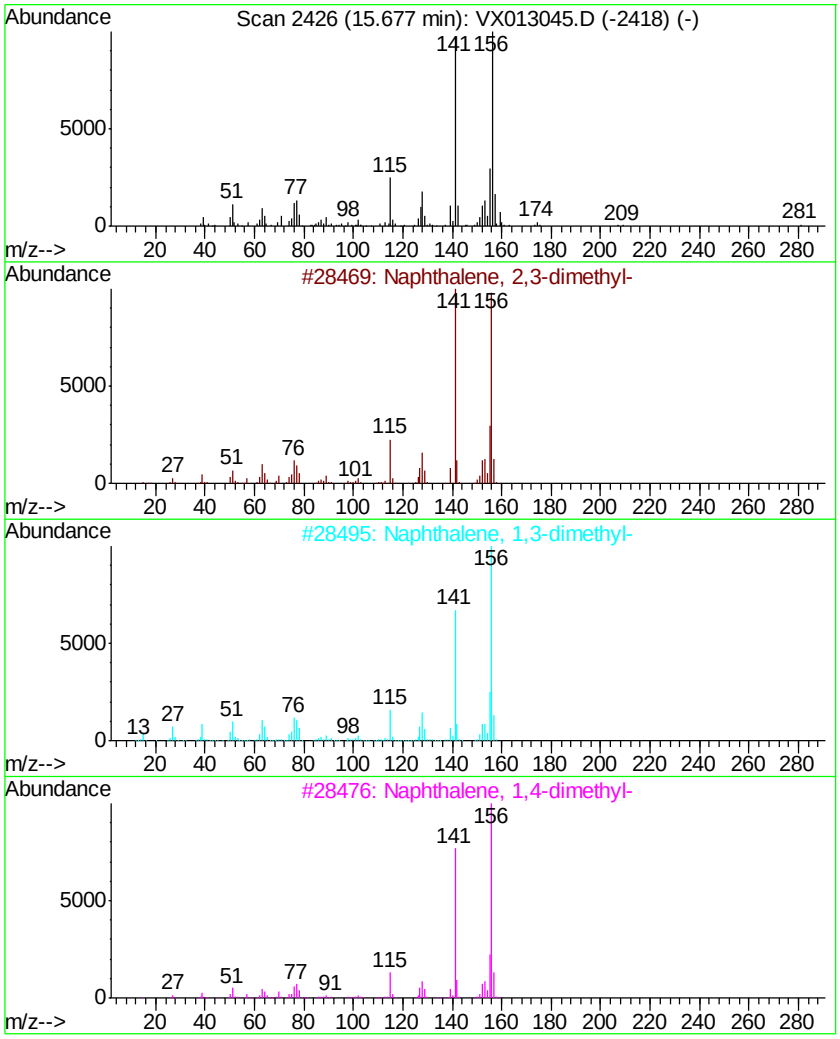
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

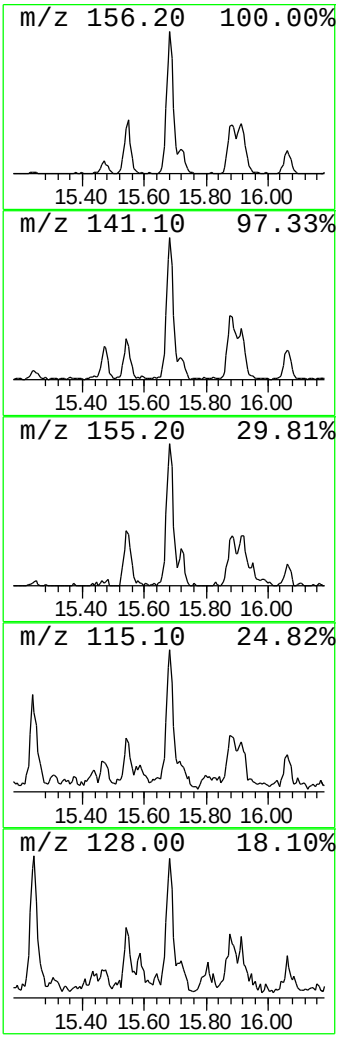
****

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	12.17 ug/l	134073	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101419\
Data File : VX013045.D
Acq On : 14 Oct 2019 12:36
Operator : JC/SP
Sample : K5313-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA19-JBW7344

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	13.63	5.4	ug/l	59127	4	12.07	550880	50.0
Benzene, (1,2-dim...	13.71	5.4	ug/l	59777	4	12.07	550880	50.0
1H-Indene, 2,3-di...	14.27	7.9	ug/l	87005	4	12.07	550880	50.0
Benzene, 1,3,5-tr...	14.43	5.7	ug/l	62642	4	12.07	550880	50.0
Naphthalene, 1,2,...	14.54	6.0	ug/l	66002	4	12.07	550880	50.0
Naphthalene, 1,2,...	14.67	7.7	ug/l	84315	4	12.07	550880	50.0
Naphthalene, 2-me...	14.84	8.1	ug/l	89153	4	12.07	550880	50.0
Benzene, 1-(2-but...	15.24	8.9	ug/l	98393	4	12.07	550880	50.0
Naphthalene, 2,3-...	15.68	12.2	ug/l	134073	4	12.07	550880	50.0