LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032009.D
Acq On : 05 Aug 2025 12:35
Operator : SY/MD
Sample : Q2757-02
Misc : 5.20g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

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_W\Method\82W072225S.M
Title : SW846 8260

Signal : TIC: VW032009.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	493	503	512	rBV5	4496	14468	1.62%	0.188%
2	5.972	660	670	679	rBV3	4370	13687	1.53%	0.178%
3	7.898	973	986	991	rBV	125386	305176	34.11%	3.959%
4	7.959	991	996	1009	rVB	212315	470908	52.64%	6.110%
5	8.319	1045	1055	1068	rBV	123947	276657	30.92%	3.589%
6	8.849	1134	1142	1162	rBV	343658	701985	78.46%	9.108%
7	10.325	1376	1384	1400	rBV	494592	894649	100.00%	11.607%
8	11.629	1589	1598	1610	rBV	493551	855767	95.65%	11.103%
9	12.617	1753	1760	1771	rBV	331272	542380	60.62%	7.037%
10	12.940	1806	1813	1819	rVB3	10003	18497	2.07%	0.240%
11	13.105	1831	1840	1846	rBV2	4628	9285	1.04%	0.120%
12	13.245	1857	1863	1869	rBV	16387	26751	2.99%	0.347%
13	13.556	1907	1914	1927	rBV	531152	883390	98.74%	11.461%
14	13.781	1948	1951	1961	rVB2	16395	28293	3.16%	0.367%
15	13.867	1961	1965	1972	rBV4	7946	13351	1.49%	0.173%
16	14.007	1983	1988	1990	rBV	12215	19142	2.14%	0.248%
17	14.031	1990	1992	1997	rVV2	13301	22175	2.48%	0.288%
18	14.092	1997	2002	2007	rVB	22551	35344	3.95%	0.459%
19	14.202	2015	2020	2025	rVB3	21371	34572	3.86%	0.449%
20	14.330	2036	2041	2046	rBV3	11657	21337	2.38%	0.277%
21	14.409	2046	2054	2057	rBV	27196	47892	5.35%	0.621%
22	14.452	2057	2061	2065	rVB	37354	50729	5.67%	0.658%
23	14.495	2065	2068	2071	rVB	11467	12713	1.42%	0.165%
24	14.531	2071	2074	2082	rVB2	15134	26054	2.91%	0.338%
25	14.635	2082	2091	2094	rBV4	10192	17939	2.01%	0.233%
26	14.684	2094	2099	2102	rBV2	28934	48436	5.41%	0.628%
27	14.720	2102	2105	2110	rVB2	23793	35325	3.95%	0.458%
28	14.799	2110	2118	2123	rBV4	88878	206625	23.10%	2.681%
29	14.848	2123	2126	2138	rVB2	16659	36297	4.06%	0.471%
30	14.952	2138	2143	2150	rBV3	12090	25976	2.90%	0.337%
31	15.055	2150	2160	2164	rBV4	53052	132948	14.86%	1.725%
32	15.171	2172	2179	2186	rVB2	58020	129855	14.51%	1.685%
33	15.244	2187	2191	2197	rVB6	4555	10199	1.14%	0.132%
34	15.360	2197	2210	2216	rBV	115297	238652	26.68%	3.096%
35	15.464	2222	2227	2231	rBV4	20808	34559	3.86%	0.448%
36	15.513	2231	2235	2238	rBV2	14222	22659	2.53%	0.294%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032009.D
Acq On : 05 Aug 2025 12:35
Operator : SY/MD
Sample : Q2757-02
Misc : 5.20g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

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_W\Method\82W072225S.M
Title : SW846 8260

37	15.647	2249	2257	2263	rBV3	48948	103925	11.62%	1.348%
38	15.818	2274	2285	2288	rBV5	32915	90986	10.17%	1.180%
39	15.939	2300	2305	2309	rVB4	19896	35057	3.92%	0.455%
40	16.013	2310	2317	2332	rVB4	33878	119711	13.38%	1.553%
41	16.165	2333	2342	2346	rBV2	20206	52271	5.84%	0.678%
42	16.366	2364	2375	2379	rBV6	23447	68946	7.71%	0.895%
43	16.433	2379	2386	2400	rVB	262920	615493	68.80%	7.985%
44	16.628	2410	2418	2430	rBV	149561	356614	39.86%	4.627%

Sum of corrected areas: 7707675

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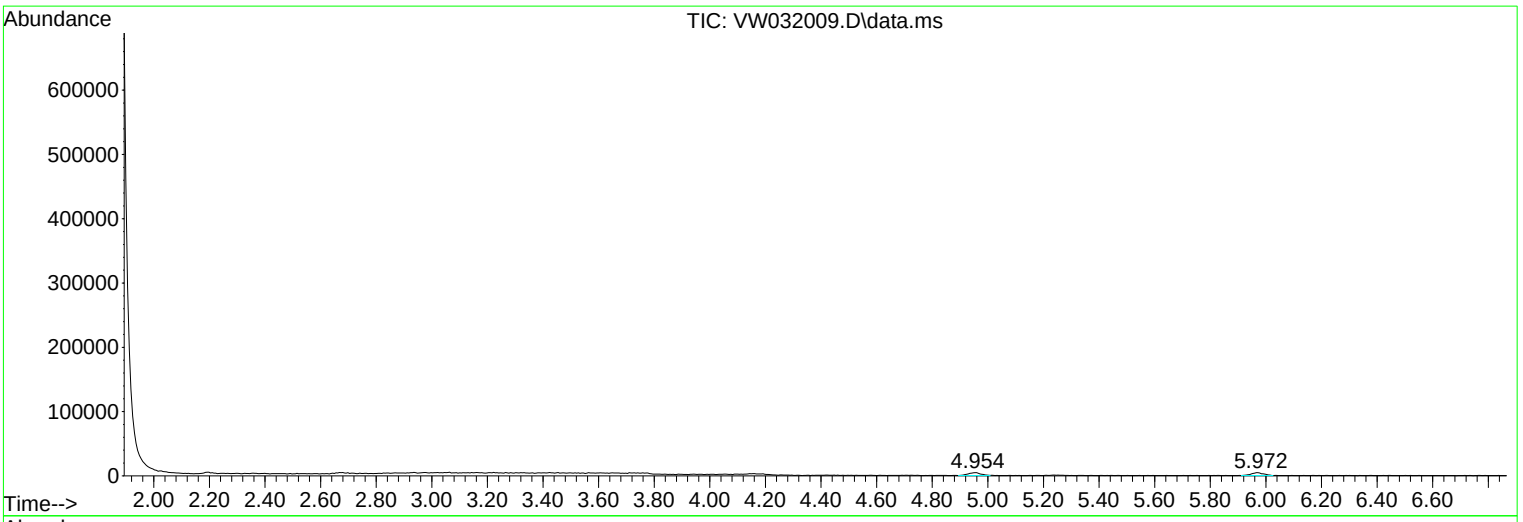
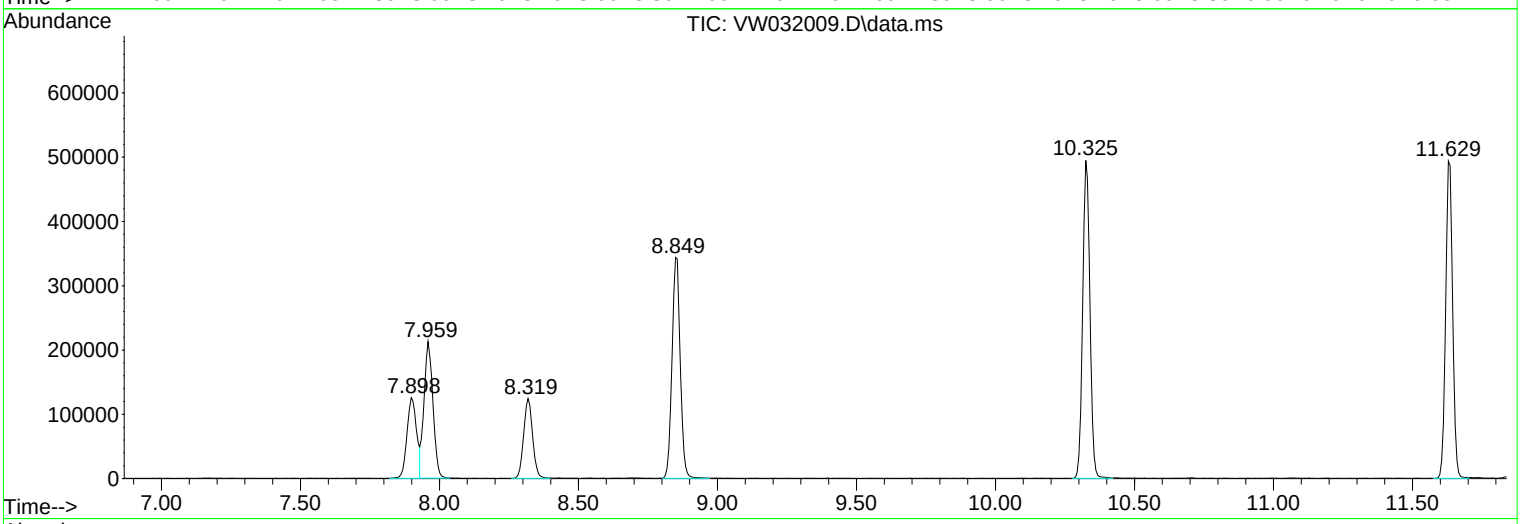
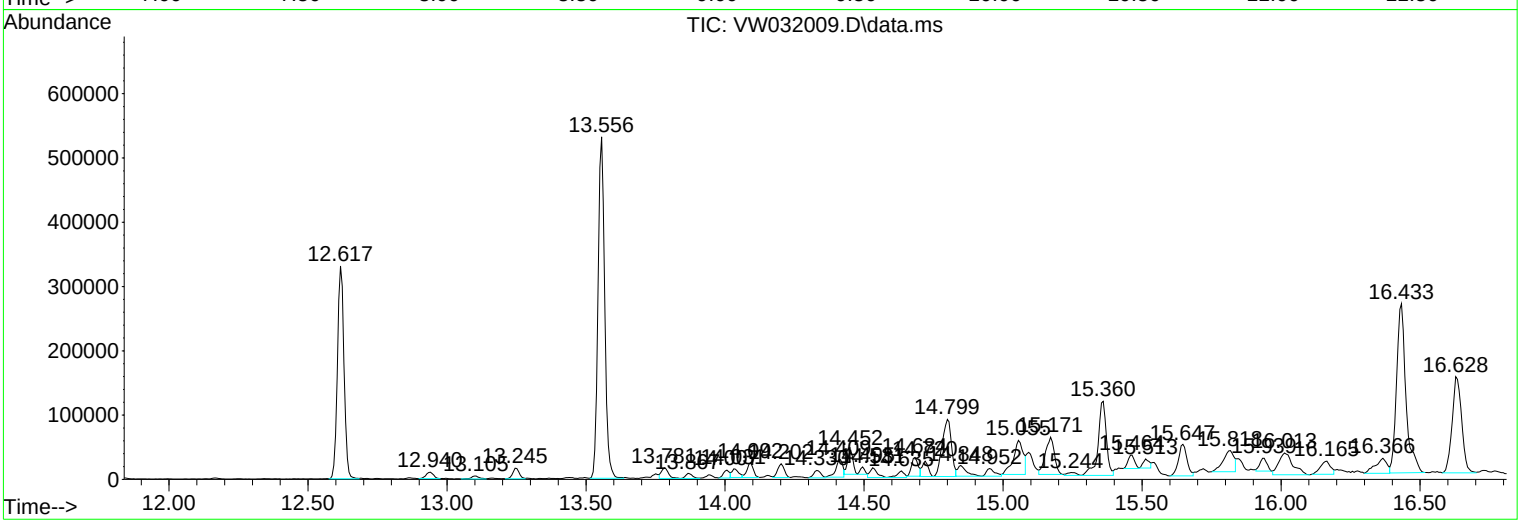
MSVOA_W
ClientSampleId :
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
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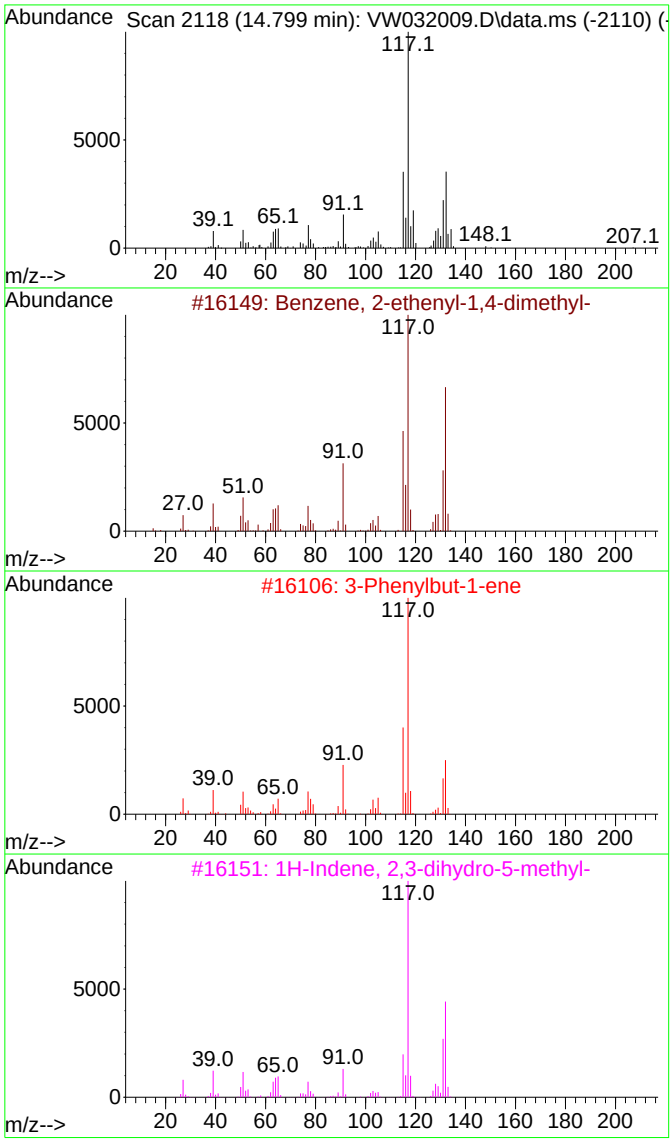
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

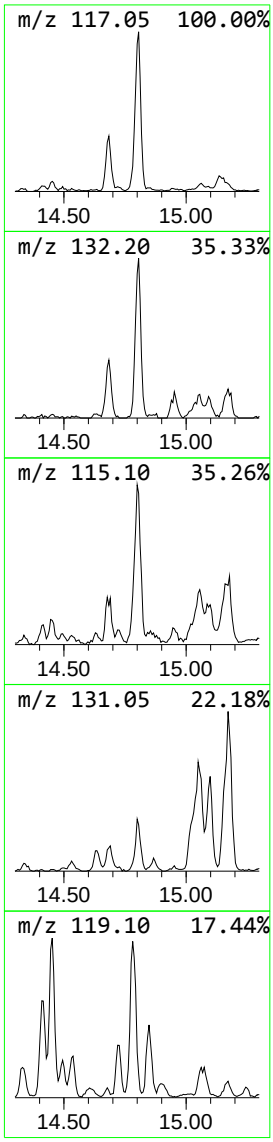
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.799	11.70 ug/l	206625	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	83





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Data File : VW032009.D
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Instrument :
MSVOA_W
ClientSampleId :
VOC

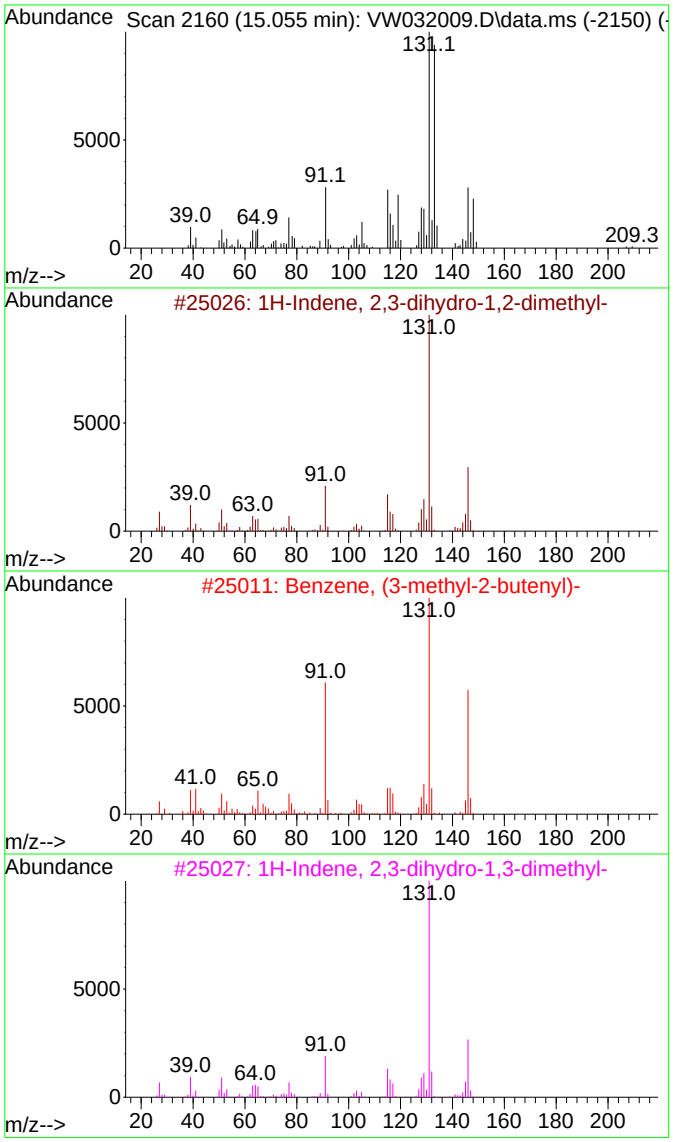
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

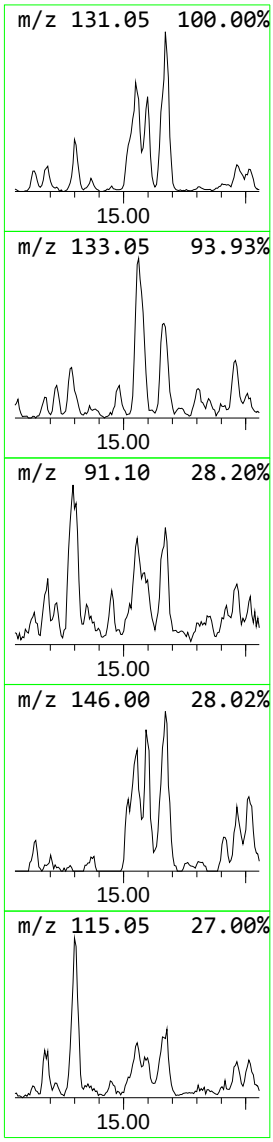
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	7.52 ug/l	132948	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032009.D
Acq On : 05 Aug 2025 12:35
Operator : SY/MD
Sample : Q2757-02
Misc : 5.20g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

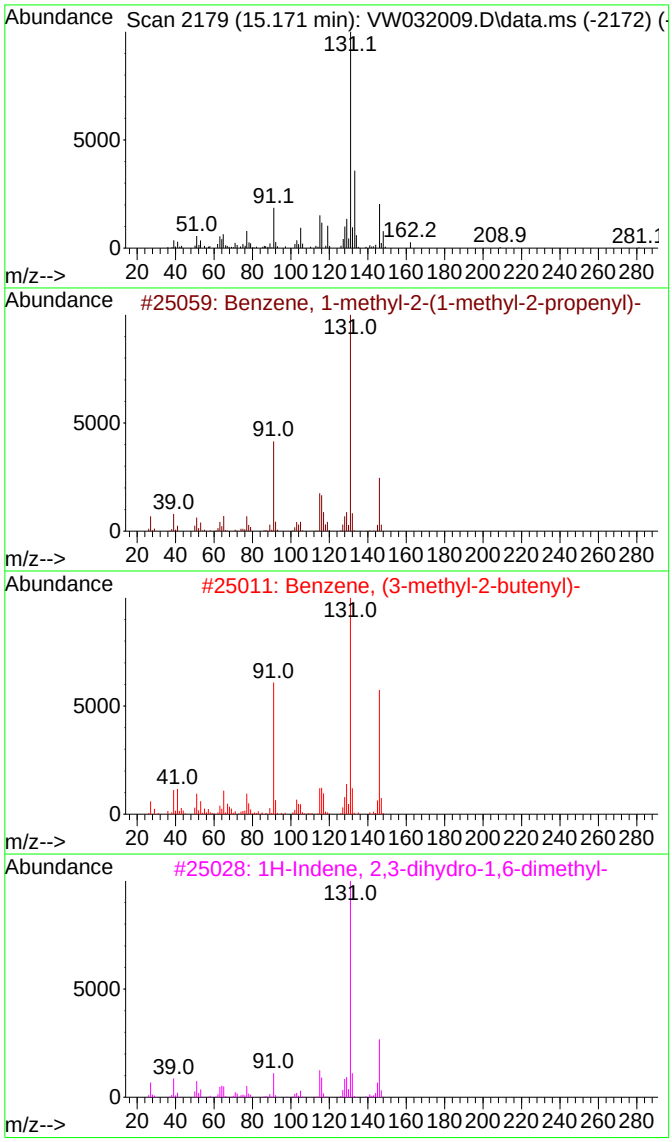
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

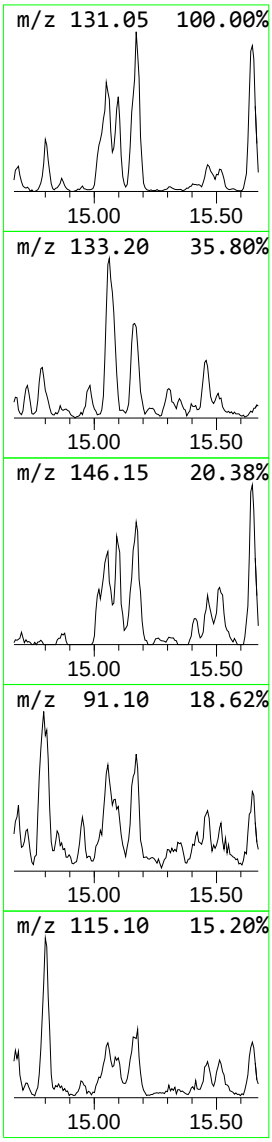
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-methyl-2-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.171	7.35 ug/l	129855	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	81
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032009.D
Acq On : 05 Aug 2025 12:35
Operator : SY/MD
Sample : Q2757-02
Misc : 5.20g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

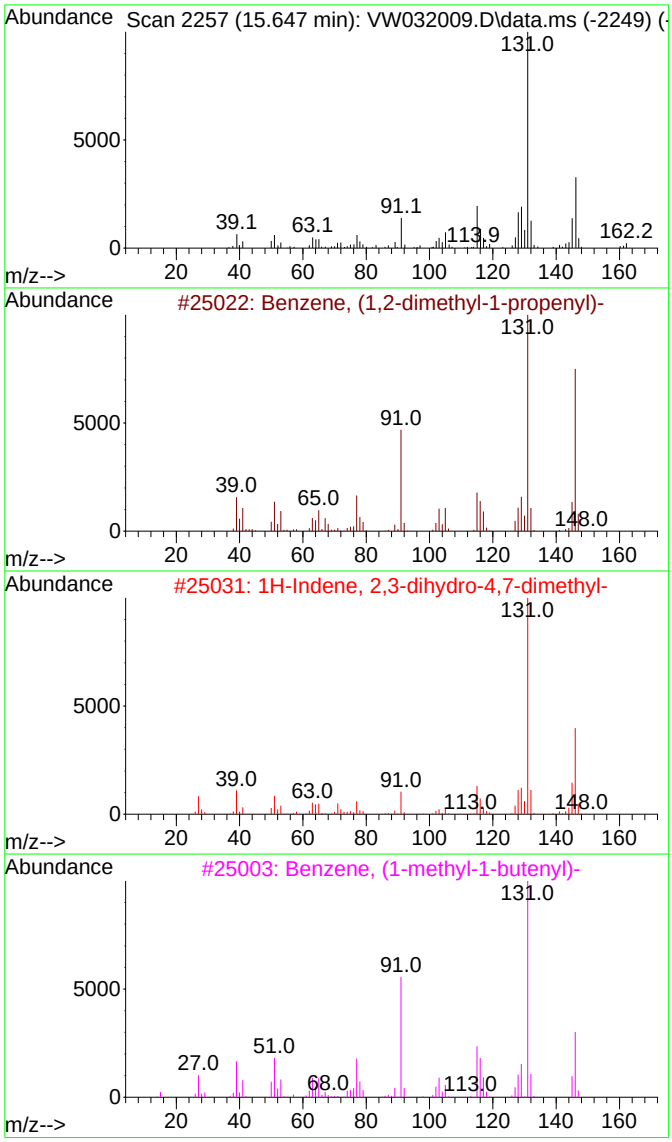
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

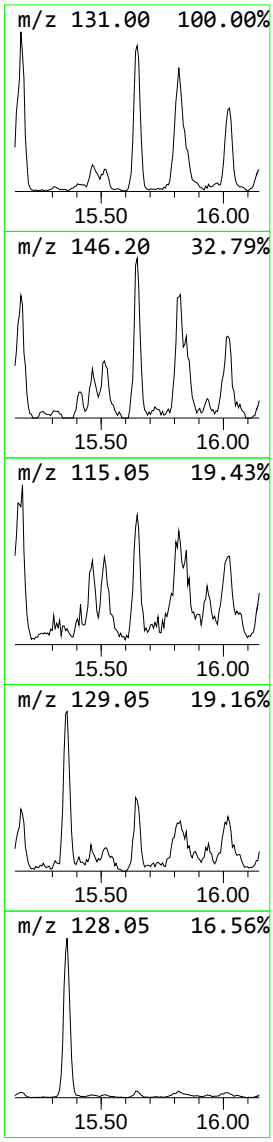
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.647	5.88 ug/l	103925	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90





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Data File : VW032009.D
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Operator : SY/MD
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Misc : 5.20g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

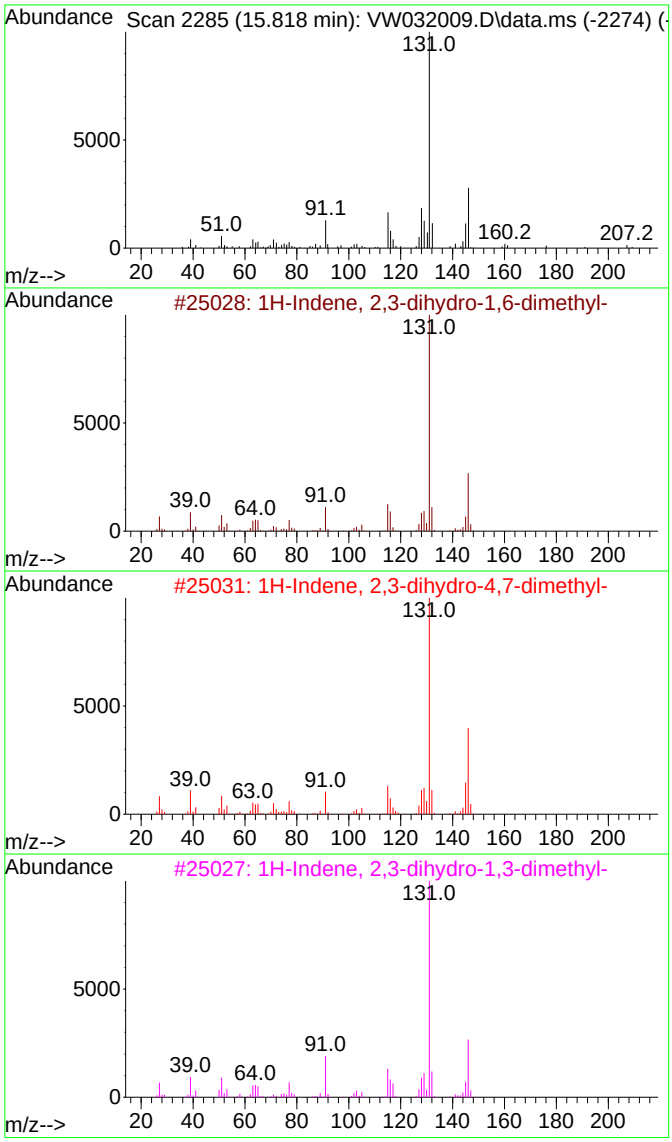
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

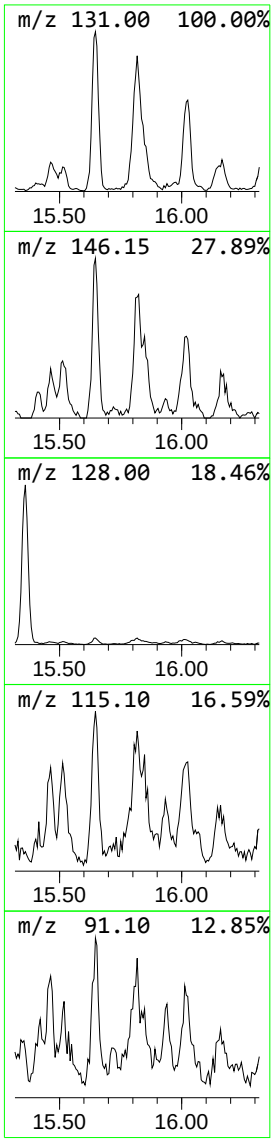
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.818	5.15 ug/l	90986	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	90
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87





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Data File : VW032009.D
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Operator : SY/MD
Sample : Q2757-02
Misc : 5.20g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

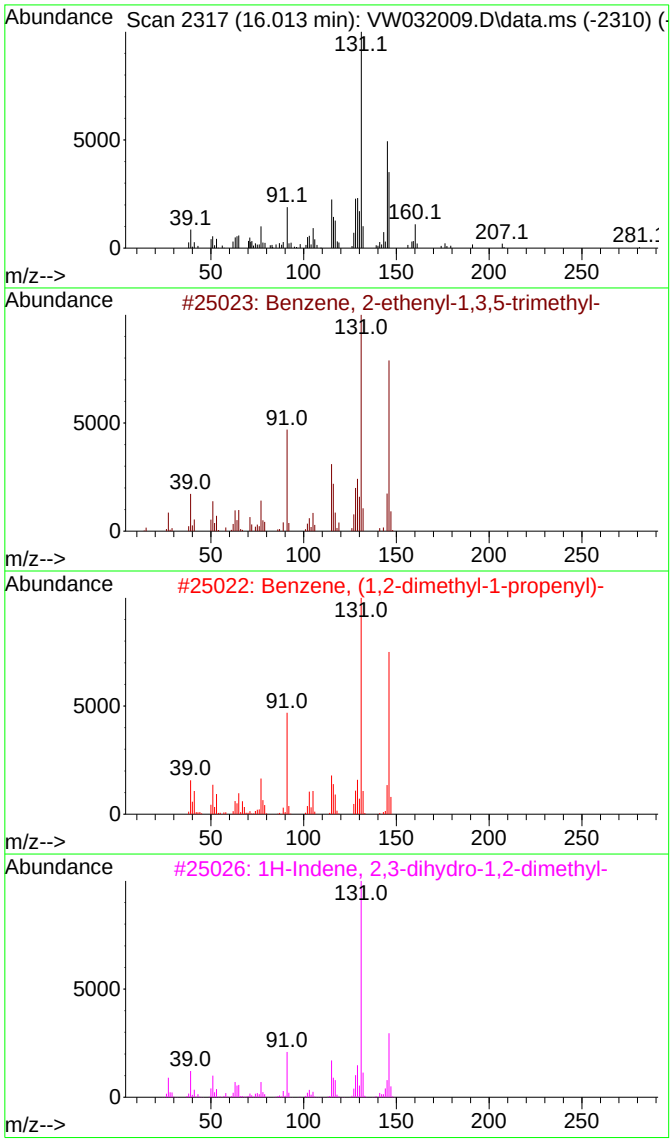
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

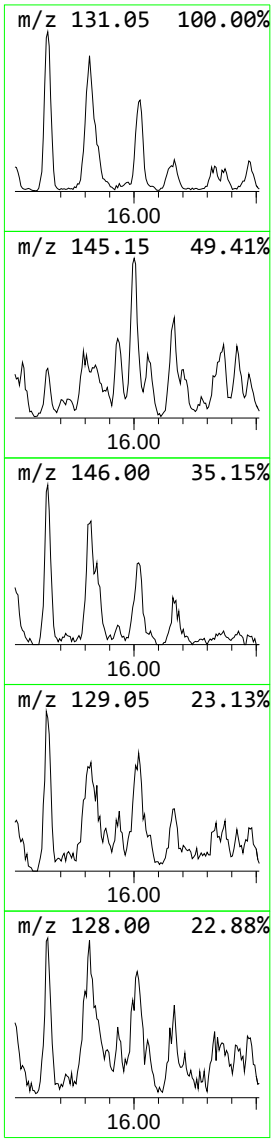
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.013	6.78 ug/l	119711	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	58
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	53
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032009.D
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Operator : SY/MD
Sample : Q2757-02
Misc : 5.20g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

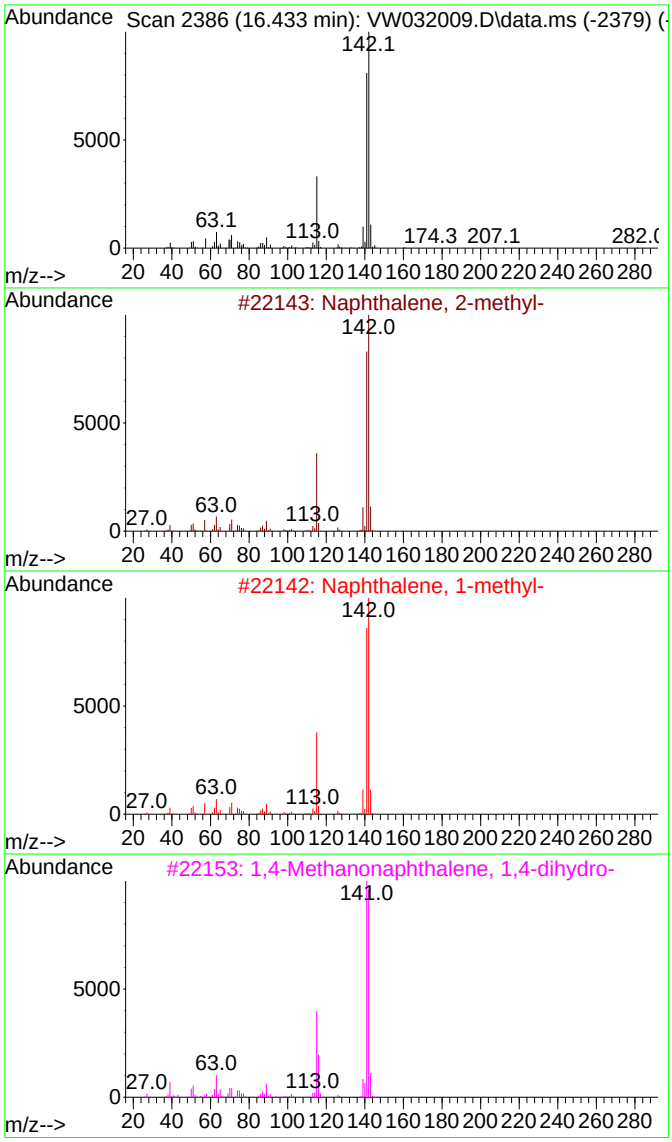
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

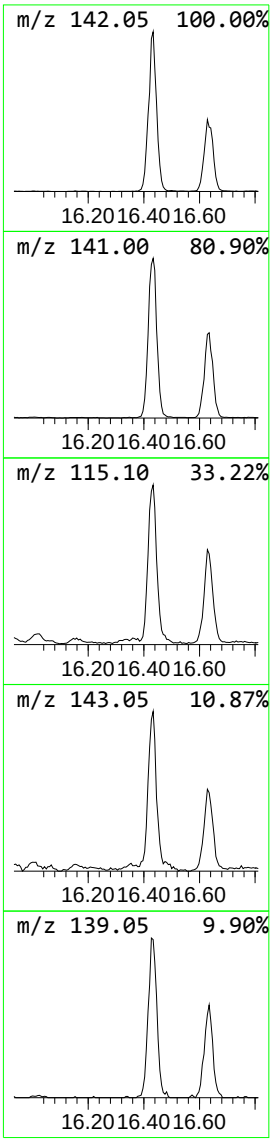
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.433	34.84 ug/l	615493	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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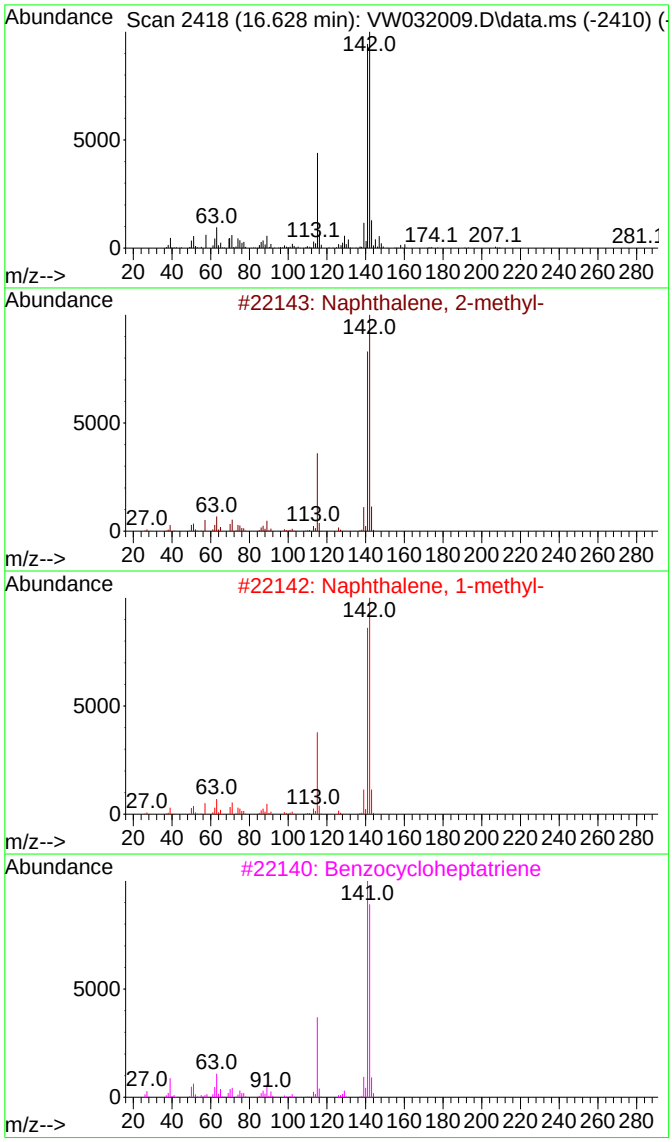
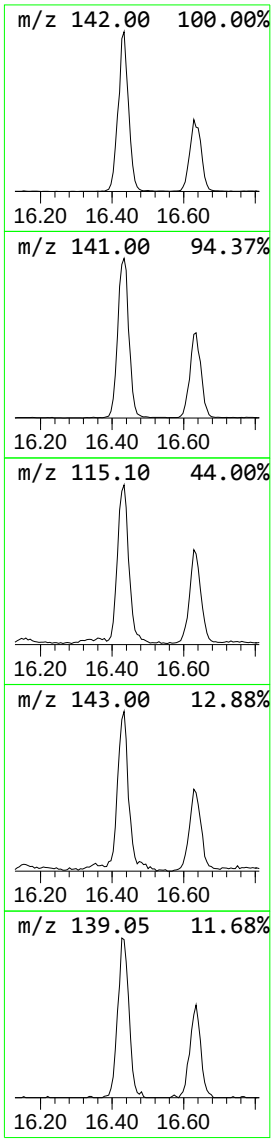
Peak Number 8 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.628	20.18 ug/l	356614	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	93
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
Data File : VW032009.D
Acq On : 05 Aug 2025 12:35
Operator : SY/MD
Sample : Q2757-02
Misc : 5.20g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 2-ethe...	14.799	11.7	ug/l	206625	4	13.556	883390	50.0
1H-Indene, 2,3-...	15.056	7.5	ug/l	132948	4	13.556	883390	50.0
Benzene, 1-meth...	15.171	7.3	ug/l	129855	4	13.556	883390	50.0
Benzene, (1,2-d...	15.647	5.9	ug/l	103925	4	13.556	883390	50.0
1H-Indene, 2,3-...	15.818	5.2	ug/l	90986	4	13.556	883390	50.0
Benzene, 2-ethe...	16.013	6.8	ug/l	119711	4	13.556	883390	50.0
Naphthalene, 1-...	16.433	34.8	ug/l	615493	4	13.556	883390	50.0
Naphthalene, 2-...	16.628	20.2	ug/l	356614	4	13.556	883390	50.0