LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
Data File : VX026737.D
Acq On : 02 Feb 2022 15:24
Operator : JC/MD
Sample : N1357-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

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\82X011122W.M
Title : SW846 8260

Signal : TIC: VX026737.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.373	41	47	56	rVB2	20598	31276	1.02%	0.212%
2	2.135	166	172	182	rVB	261602	366854	11.97%	2.485%
3	2.385	206	213	230	rVB	99537	172690	5.64%	1.170%
4	2.556	230	241	253	rBV	12077	33733	1.10%	0.229%
5	3.617	404	415	428	rVB2	13568	34758	1.13%	0.235%
6	4.495	548	559	567	rBV	199312	535524	17.48%	3.628%
7	4.562	567	570	585	rVB	25804	63385	2.07%	0.429%
8	5.397	695	707	717	rBV	71754	210523	6.87%	1.426%
9	5.562	723	734	754	rVB	129111	369465	12.06%	2.503%
10	5.964	788	800	806	rBV	81528	214757	7.01%	1.455%
11	6.043	806	813	832	rVB	251748	677636	22.11%	4.591%
12	6.641	900	911	921	rBV	11381	31742	1.04%	0.215%
13	6.763	921	931	944	rVV	198400	473758	15.46%	3.210%
14	7.128	978	991	1001	rVB2	27602	65696	2.14%	0.445%
15	8.653	1234	1241	1246	rVV	404202	630909	20.59%	4.274%
16	8.720	1246	1252	1263	rVB	1960451	3064326	100.00%	20.760%
17	10.055	1461	1471	1481	rBV2	396164	625105	20.40%	4.235%
18	10.195	1488	1494	1500	rBV	617727	786538	25.67%	5.329%
19	10.305	1505	1512	1519	rVV	741780	1013691	33.08%	6.867%
20	10.390	1519	1526	1534	rVB	91718	123937	4.04%	0.840%
21	10.640	1562	1567	1573	rBV	478658	639731	20.88%	4.334%
22	10.963	1615	1620	1625	rBV	109862	134495	4.39%	0.911%
23	11.024	1625	1630	1635	rVV	47867	61273	2.00%	0.415%
24	11.079	1635	1639	1645	rBV	305227	402350	13.13%	2.726%
25	11.305	1668	1676	1682	rBV	78309	102302	3.34%	0.693%
26	11.378	1682	1688	1690	rVV3	72454	108645	3.55%	0.736%
27	11.402	1690	1692	1696	rVV	75508	82206	2.68%	0.557%
28	11.451	1696	1700	1707	rVB	54961	70276	2.29%	0.476%
29	11.615	1722	1727	1737	rVB	109161	142715	4.66%	0.967%
30	11.756	1745	1750	1756	rVB	481928	590241	19.26%	3.999%
31	11.969	1781	1785	1789	rVB	25470	31935	1.04%	0.216%
32	12.024	1789	1794	1800	rVB	401442	507155	16.55%	3.436%
33	12.085	1800	1804	1809	rBV	124513	159215	5.20%	1.079%
34	12.219	1822	1826	1827	rBV	46769	51613	1.68%	0.350%
35	12.243	1827	1830	1833	rVV2	93250	111233	3.63%	0.754%
36	12.335	1842	1845	1852	rVB	81880	106635	3.48%	0.722%

LSC Area Percent Report

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Operator : JC/MD
Sample : N1357-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

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\82X011122W.M
Title : SW846 8260

37	12.414	1852	1858	1862	rBV2	31894	44108	1.44%	0.299%
38	12.463	1862	1866	1871	rVB	34482	40071	1.31%	0.271%
39	12.530	1871	1877	1879	rBV2	49072	65905	2.15%	0.446%
40	12.554	1879	1881	1885	rVB	43295	48002	1.57%	0.325%
41	12.615	1886	1891	1894	rBV	56848	66108	2.16%	0.448%
42	12.701	1901	1905	1912	rBV3	27292	58435	1.91%	0.396%
43	12.920	1937	1941	1945	rVV2	49993	75356	2.46%	0.511%
44	12.963	1945	1948	1954	rVB	68010	83139	2.71%	0.563%
45	13.292	1998	2002	2006	rVB2	62864	84088	2.74%	0.570%
46	13.420	2018	2023	2031	rBV3	23025	35302	1.15%	0.239%
47	13.585	2046	2050	2057	rVB4	33625	52746	1.72%	0.357%
48	13.774	2075	2081	2088	rVB	742157	952546	31.09%	6.453%
49	13.865	2090	2096	2101	rVB	25496	39423	1.29%	0.267%
50	14.219	2144	2154	2158	rBV2	17461	37072	1.21%	0.251%
51	14.639	2211	2223	2227	rBV	52867	80496	2.63%	0.545%
52	14.779	2241	2246	2252	rBV	101872	128876	4.21%	0.873%
53	15.206	2308	2316	2321	rBV2	24224	40739	1.33%	0.276%

Sum of corrected areas: 14760735

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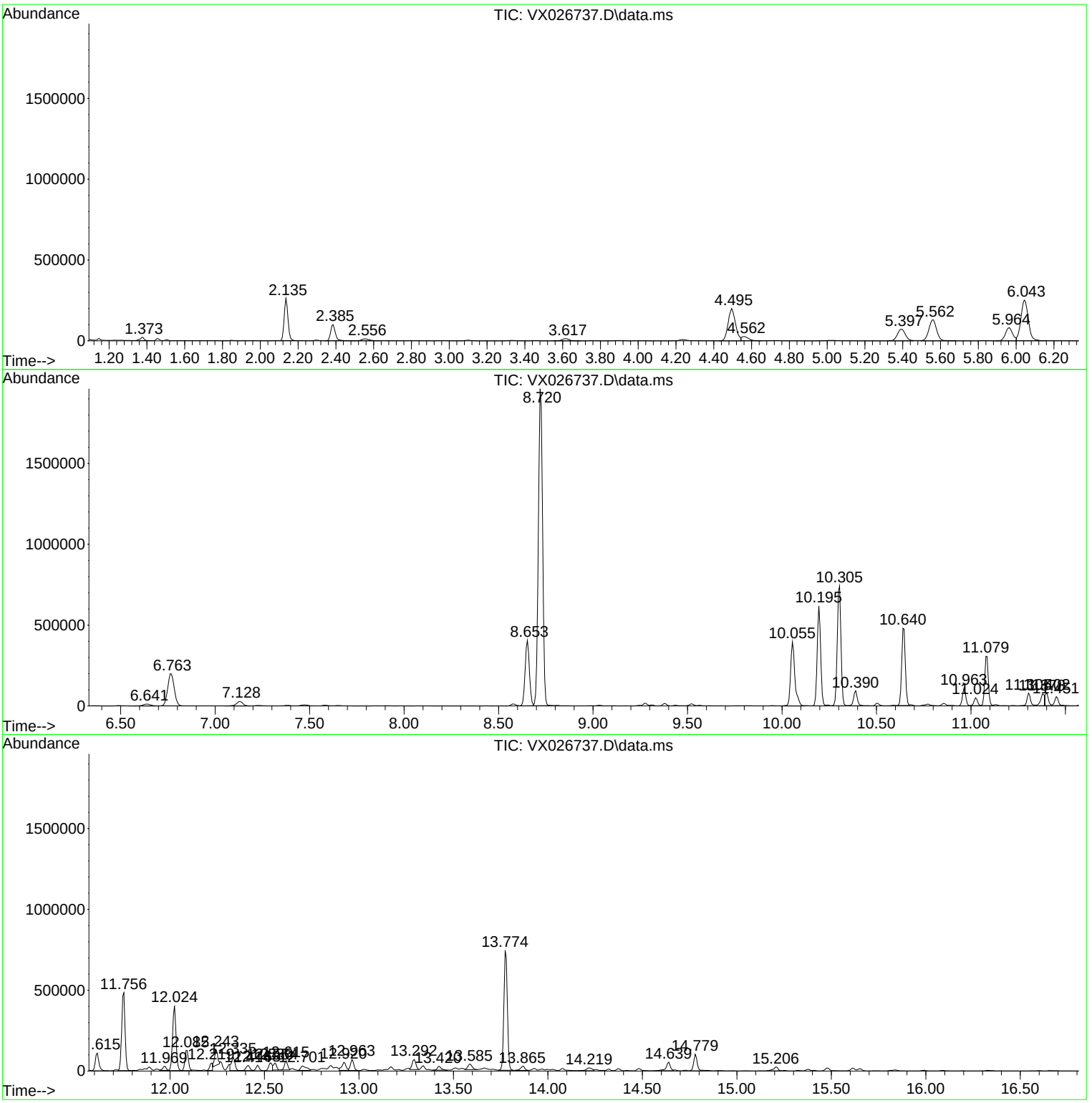
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
Data File : VX026737.D
Acq On : 02 Feb 2022 15:24
Operator : JC/MD
Sample : N1357-01
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MSVOA_X
ClientSampleId :
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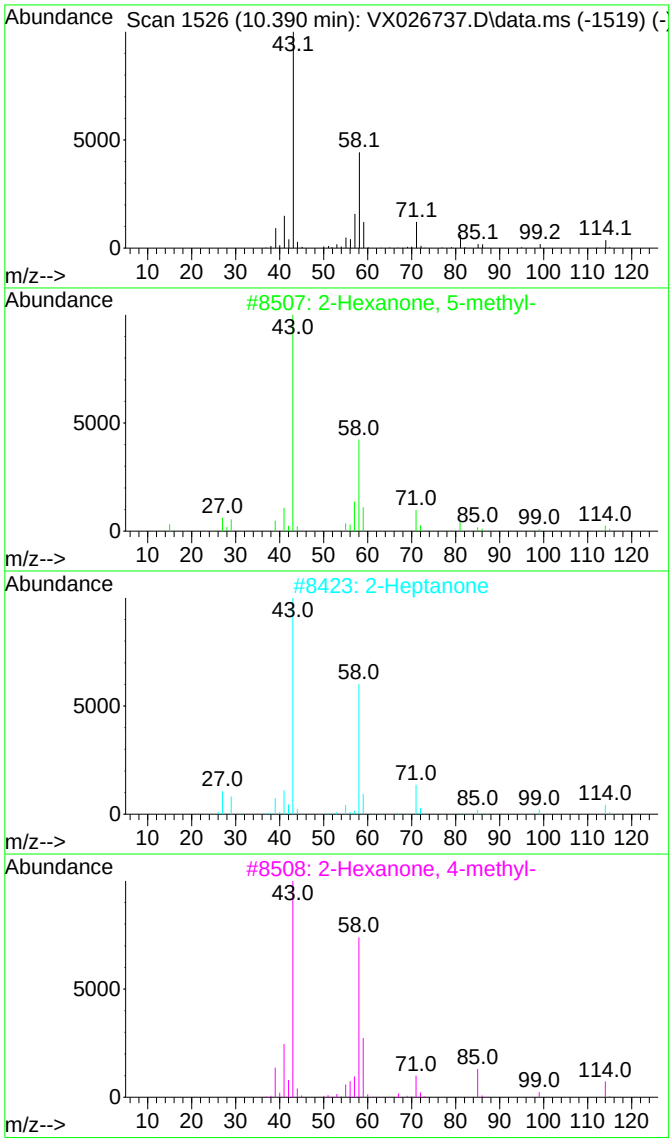
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260

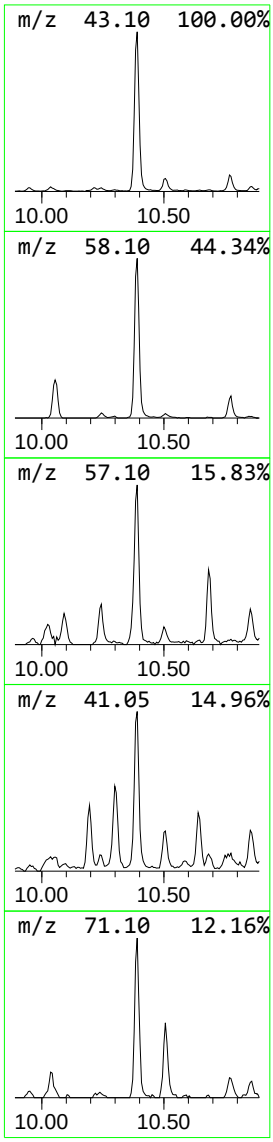
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Hexanone, 5-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.390	9.91 ug/l	123937	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	91
2	2-Heptanone	114	C7H14O	000110-43-0	83
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	58
4	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	53
5	2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	50





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Data File : VX026737.D
Acq On : 02 Feb 2022 15:24
Operator : JC/MD
Sample : N1357-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

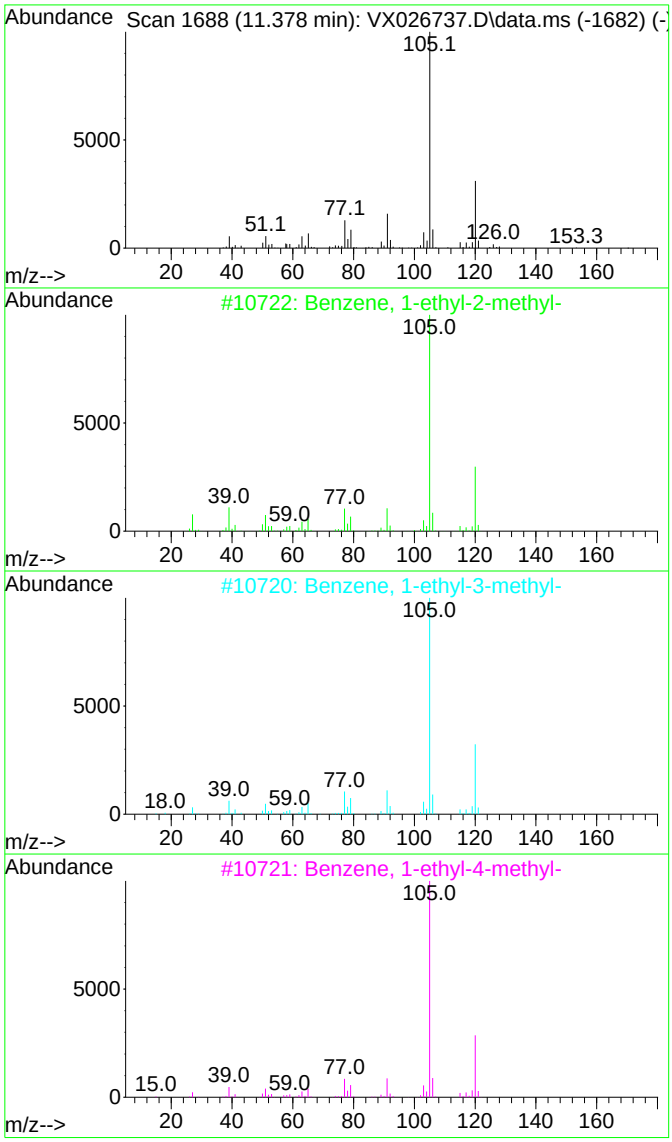
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260

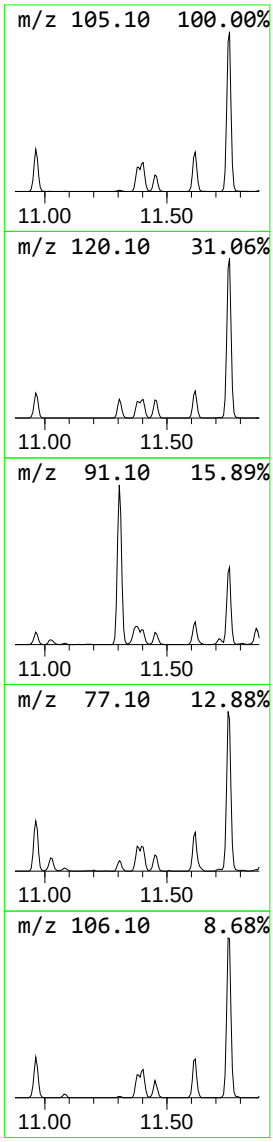
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	10.71 ug/l	108645	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
Data File : VX026737.D
Acq On : 02 Feb 2022 15:24
Operator : JC/MD
Sample : N1357-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

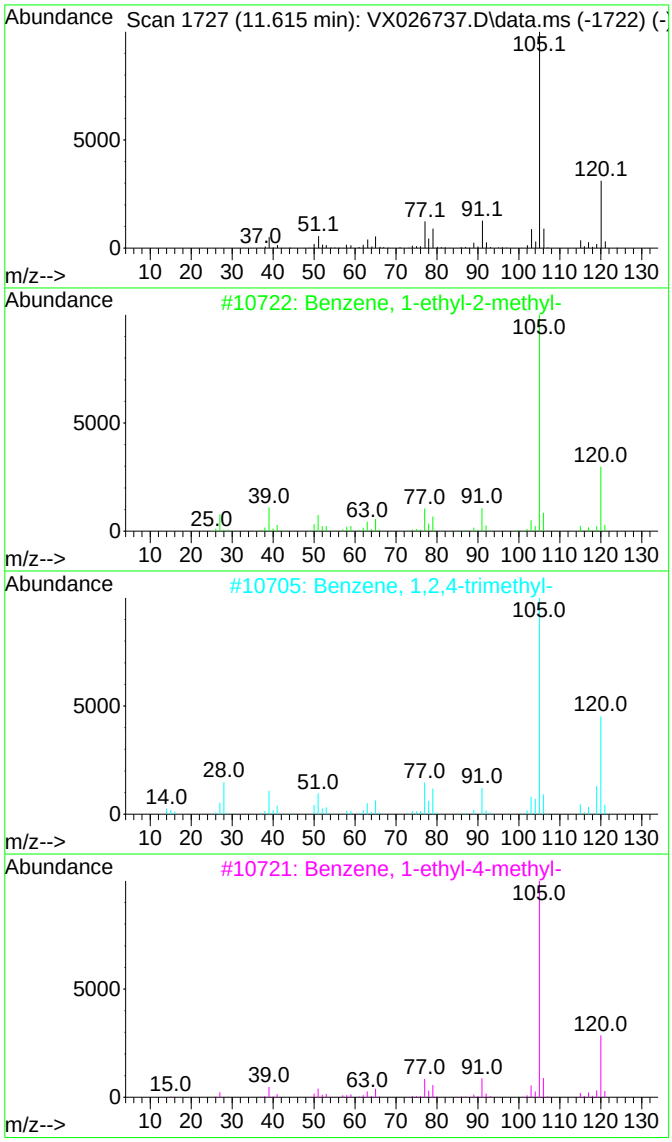
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260

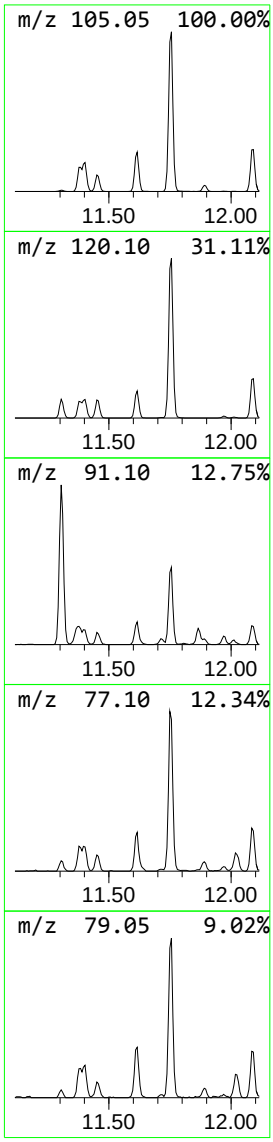
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.615	14.07 ug/l	142715	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
Data File : VX026737.D
Acq On : 02 Feb 2022 15:24
Operator : JC/MD
Sample : N1357-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

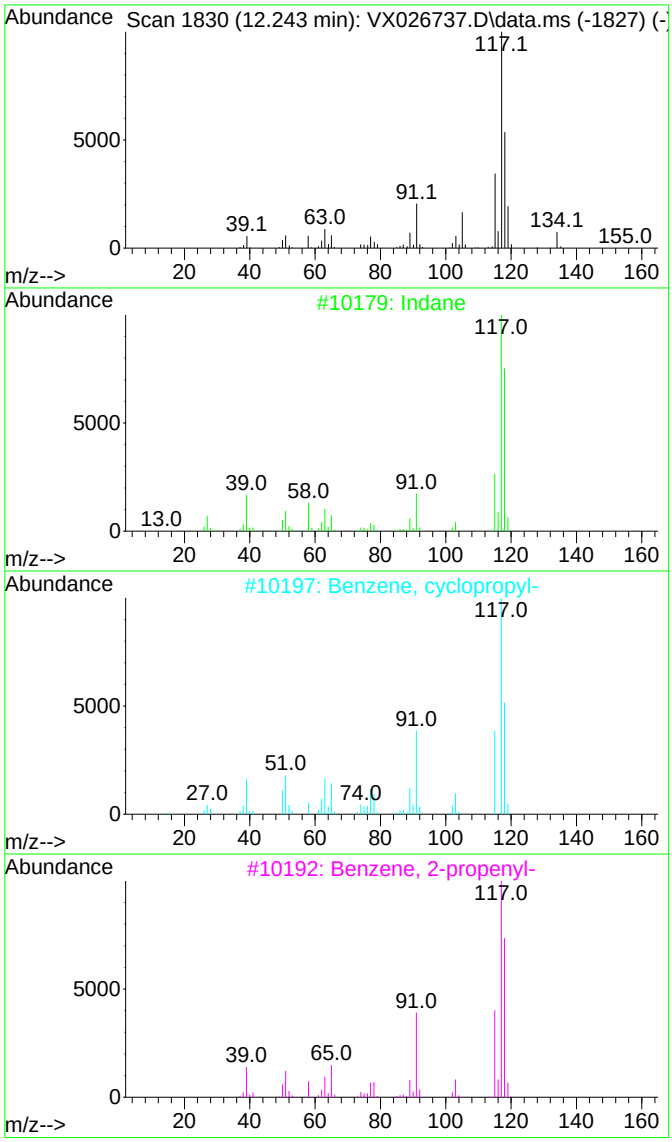
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260

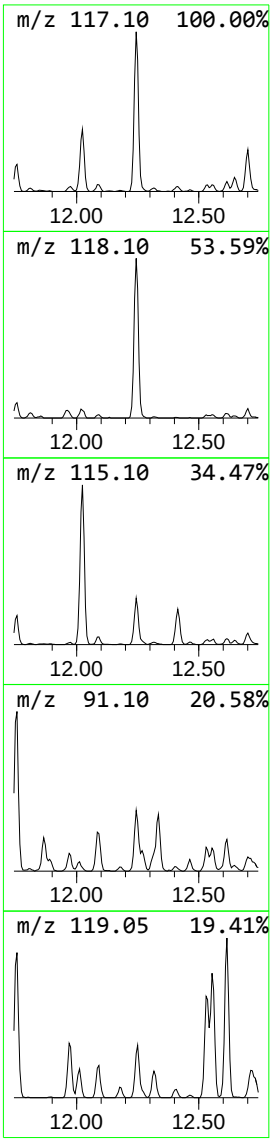
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.243	10.97 ug/l	111233	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58





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Operator : JC/MD
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

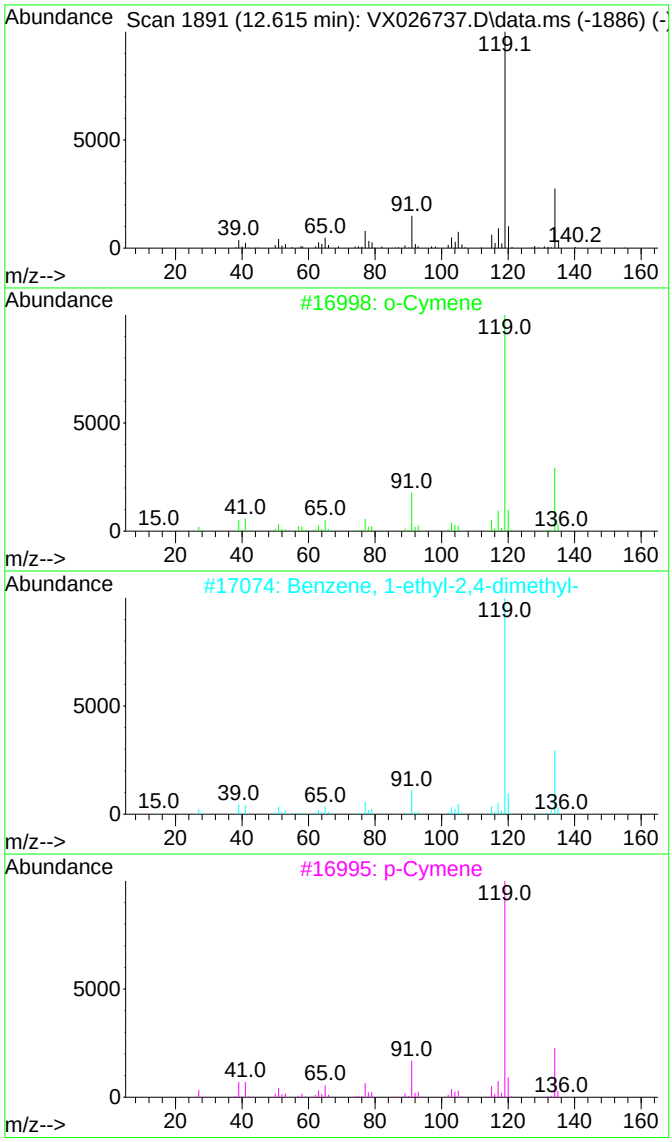
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260

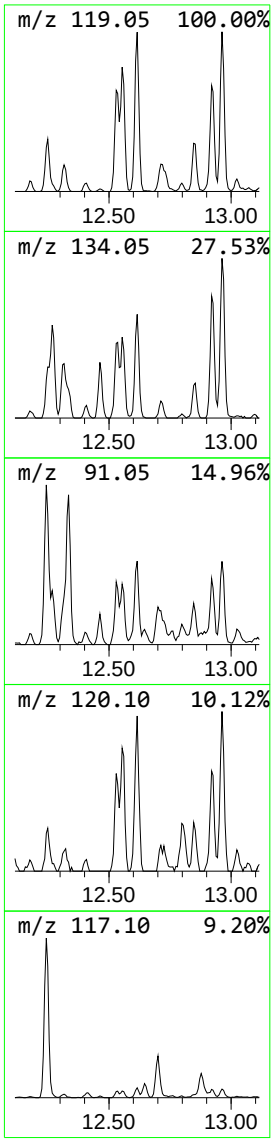
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.615	6.52 ug/l	66108	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

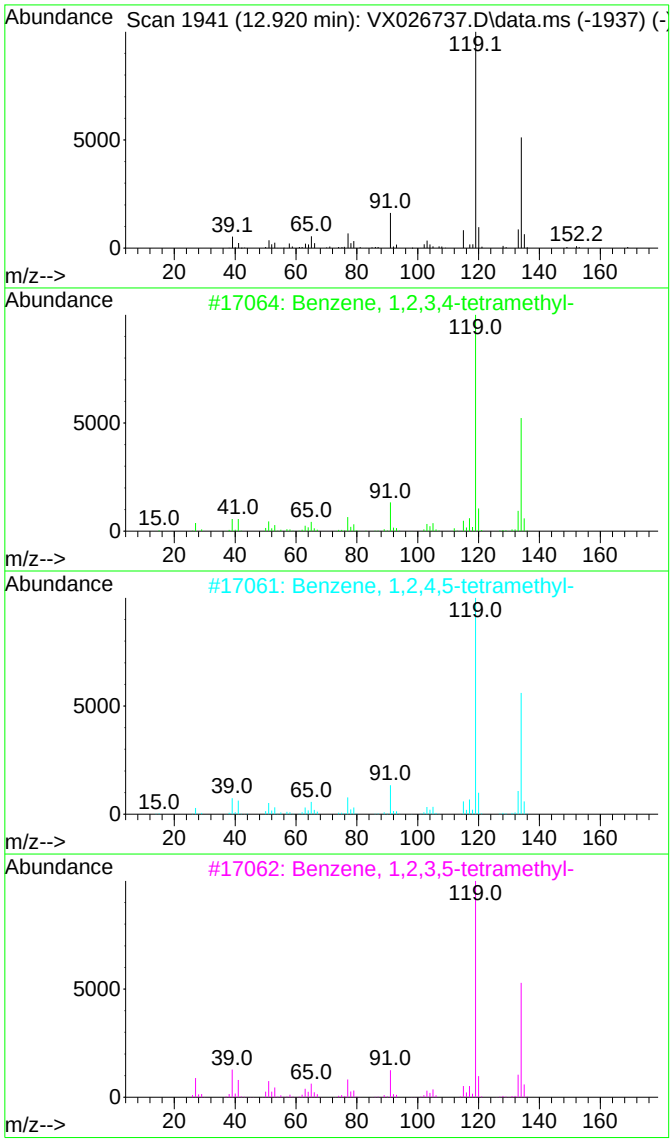
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260

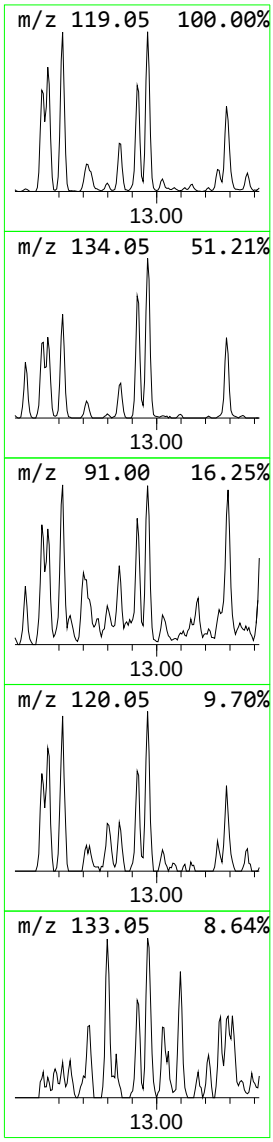
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	7.43 ug/l	75356	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

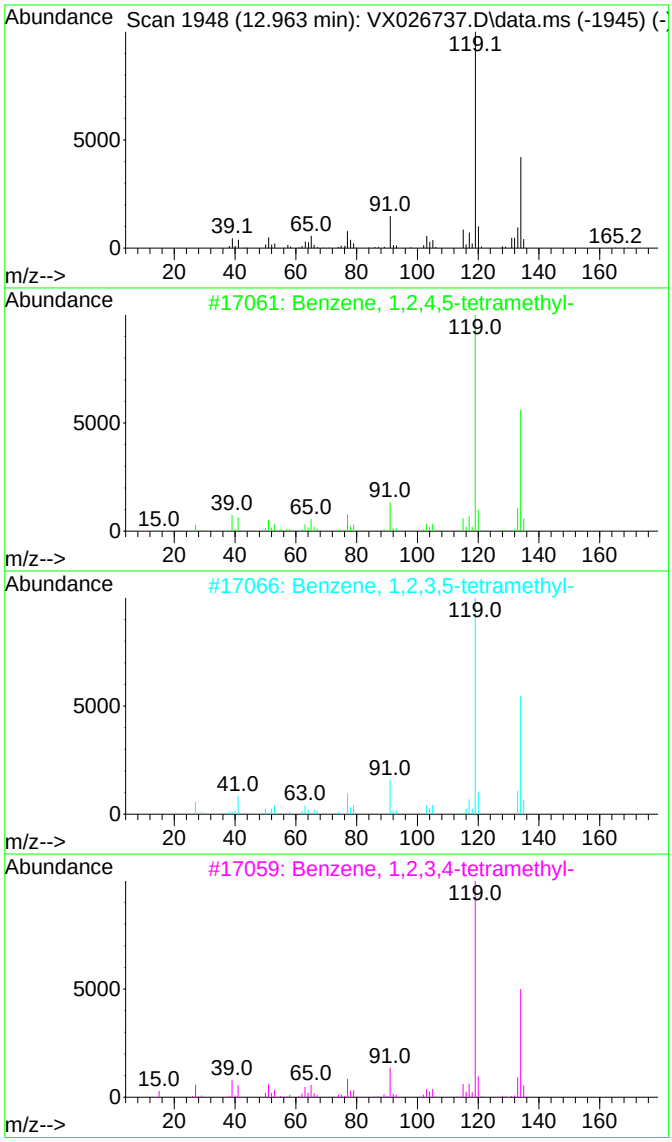
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260

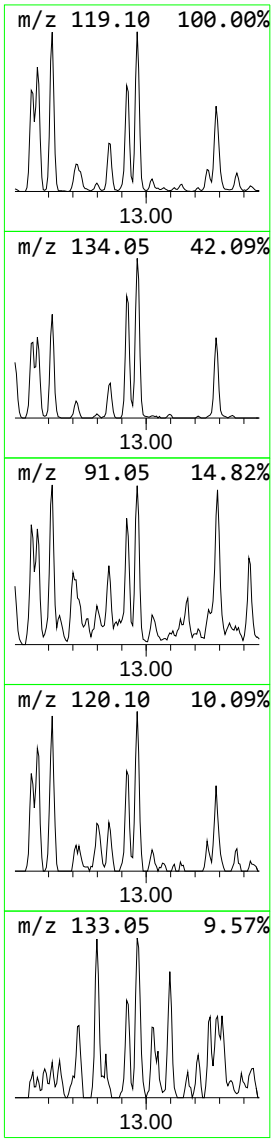
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	8.20 ug/l	83139	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
Data File : VX026737.D
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Operator : JC/MD
Sample : N1357-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

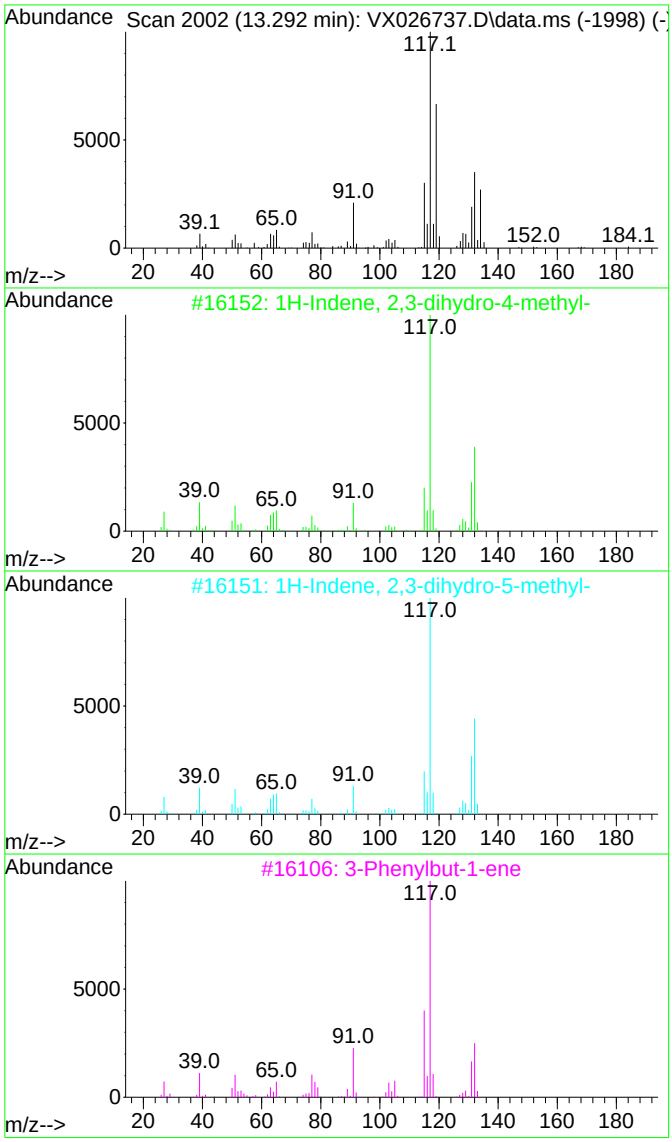
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260

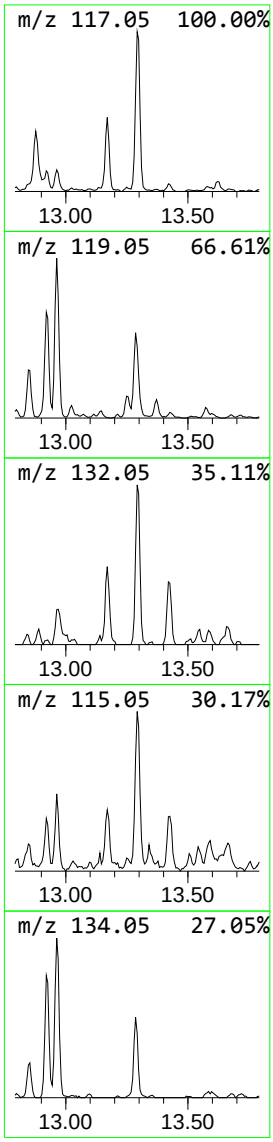
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	8.29 ug/l	84088	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





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Data File : VX026737.D
Acq On : 02 Feb 2022 15:24
Operator : JC/MD
Sample : N1357-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

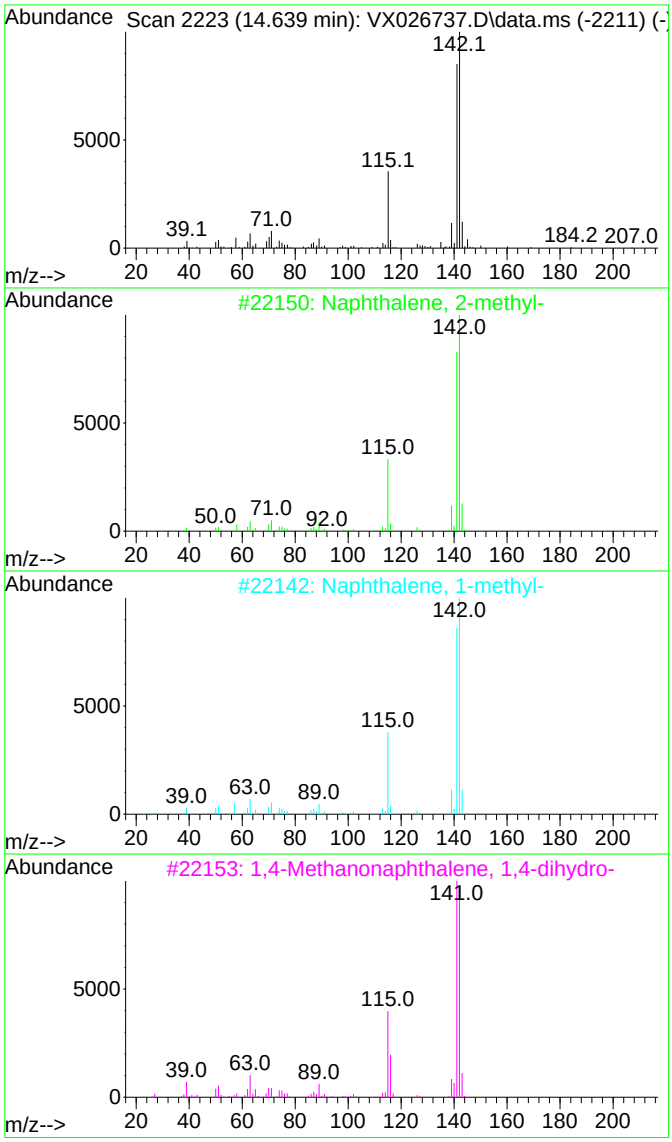
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260

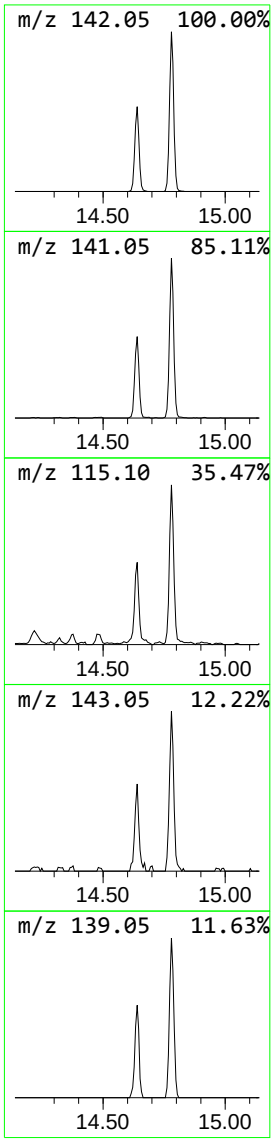
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	7.94 ug/l	80496	1,4-Dichlorobenzene-d4	12.024

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	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
Data File : VX026737.D
Acq On : 02 Feb 2022 15:24
Operator : JC/MD
Sample : N1357-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

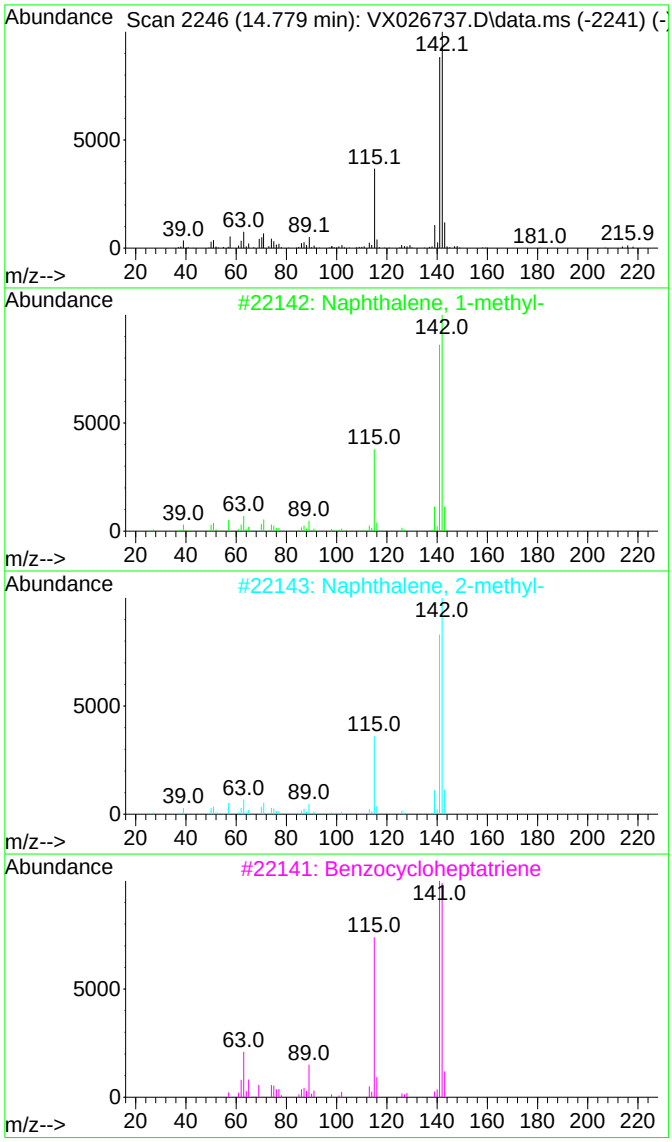
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260

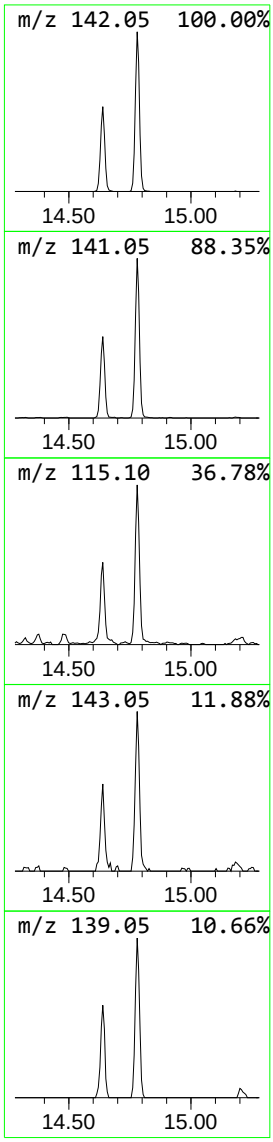
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzocycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	12.71 ug/l	128876	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020222\
Data File : VX026737.D
Acq On : 02 Feb 2022 15:24
Operator : JC/MD
Sample : N1357-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GROUNDWATER

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.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
2-Hexanone, 5-m...	10.390	9.9	ug/l	123937	3	10.055	625105	50.0
Benzene, 1-ethy...	11.378	10.7	ug/l	108645	4	12.024	507155	50.0
Benzene, 1-ethy...	11.615	14.1	ug/l	142715	4	12.024	507155	50.0
Indane	12.243	11.0	ug/l	111233	4	12.024	507155	50.0
o-Cymene	12.615	6.5	ug/l	66108	4	12.024	507155	50.0
Benzene, 1,2,3,...	12.920	7.4	ug/l	75356	4	12.024	507155	50.0
Benzene, 1,2,4,...	12.963	8.2	ug/l	83139	4	12.024	507155	50.0
1H-Indene, 2,3-...	13.292	8.3	ug/l	84088	4	12.024	507155	50.0
Naphthalene, 1-...	14.639	7.9	ug/l	80496	4	12.024	507155	50.0
Benzocyclohepta...	14.780	12.7	ug/l	128876	4	12.024	507155	50.0